



**TEXAS HIPLEX MESOSCALE EXPERIMENT  
SUMMER 1977 DATA TABULATIONS  
LP-10**

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COLLEGE OF GEOSCIENCES  
TEXAS A&M UNIVERSITY  
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DATA TABULATIONS

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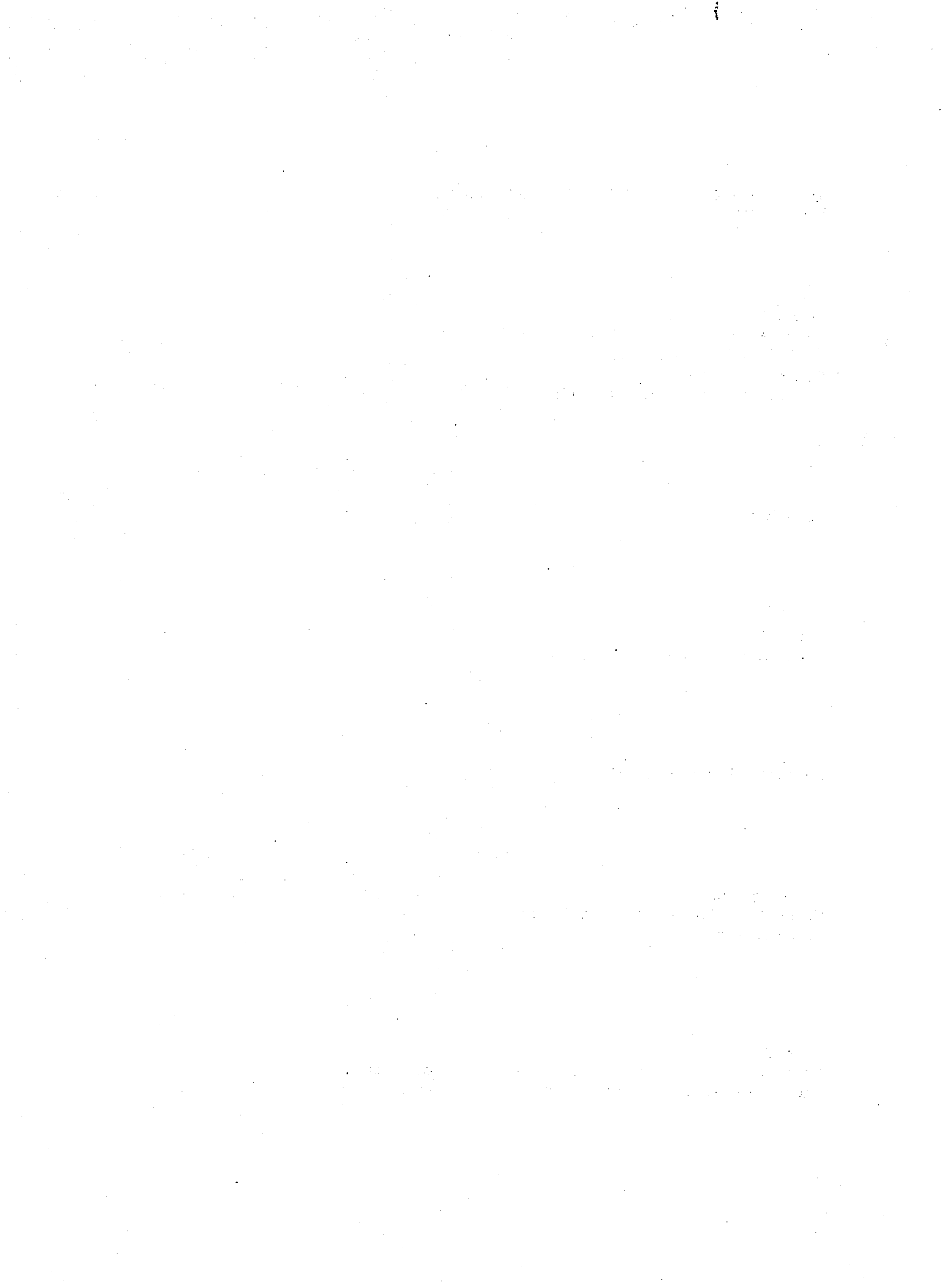
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ABSTRACT

This report describes a mesoscale experiment that was conducted in West Texas during the Summer of 1977 as part of the High Plains Cooperative Experiment (HIPLEX). Data are presented for ten special surface stations and four rawinsonde stations. The surface data consist of 5-min averages of temperature, relative humidity, pressure, and wind direction and speed for each hour on the hour for the period May 31 to July 12, 1977. Rawinsonde data are presented at 25-mb intervals for sixteen operational days. The soundings were made at 3-h intervals (1 1/2-hr intervals on 3 days) for a 12-h period on each operational day beginning at 1500 GMT. Radar-observed convective activity is presented for each day for the entire period.

Key Words

Air temperature

Atmospheric pressure

Clouds

Humidity

Meteorological data

Winds

Weather data

Mesoscale



## ACKNOWLEDGMENTS

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by

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1. INTRODUCTION

According to the Conceptual Plan dated May 1973, the overall goal of the High Plains Cooperative Experiment (HIPLEX) is, "one of establishing a verified, working technology and operational management framework capable of producing additional rain from cumulus clouds in the semi-arid Plains States; this goal considers improving the current operational seeding technology and enhancing confidence in its use." As part of a plan to achieve this goal a mesoscale experiment was conducted during the summer of 1976 and a similar experiment during the summer of 1977 in the Texas HIPLEX area of Big Spring-Robert Lee-Snyder-Post. The primary objective of these mesoscale experiments was to gather surface and sounding data on a scale smaller than the usual synoptic scale which would form the basis for an analysis of the initiation, growth rate, intensity, etc. of convective clouds, and to investigate the interrelationships between convective clouds and their immediate environment.

This report contains the mesoscale data collected at ten special surface stations and four rawinsonde stations during the period May 31 to July 12, 1977, and a summary of radar-observed convective activity in the area of the National Weather Service (NWS) radar at Midland, Texas. This area encompasses the Texas HIPLEX area.

As was done for the 1976 experiment, arrangements were made with the U. S. Army at White Sands Missile Range, New Mexico, to acquire on loan a GMD-1 rawinsonde unit for use during the 1977 experiment, with the National Weather Service to purchase special rawinsonde soundings from the station at Midland, Texas, and with Texas Tech University for the loan of microbarographs for use at the ten special surface stations. These arrangements were made well in advance of the initiation of the

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experiment and proved to be entirely satisfactory in all respects. Hygrothermographs for use at the ten surface stations, mercurial barometers for use at Post, Robert Lee, and Big Spring, and a GMD-1 rawinsonde unit were provided by TAMU. Upon completion of the experiment, all equipment was returned to the appropriate organization.

## 2. SELECTION OF OPERATIONAL DAYS AND RADAR-OBSERVED CONVECTIVE ACTIVITY

The declaration of an operational day was based upon expected weather conditions. A variety of conditions ranging from clear skies to deep convective activity were desired. Fortunately, all of these conditions were observed during the operational period.

Rawinsonde soundings were made on a total of 16 days during the period June 1 to July 12, 1977. Radar-observed convective activity for each day between 10 a.m. local time (1500 GMT) and 10 p.m. local time (0300 GMT the following day) for the entire period is presented in Appendix A. Days without echoes are not included.

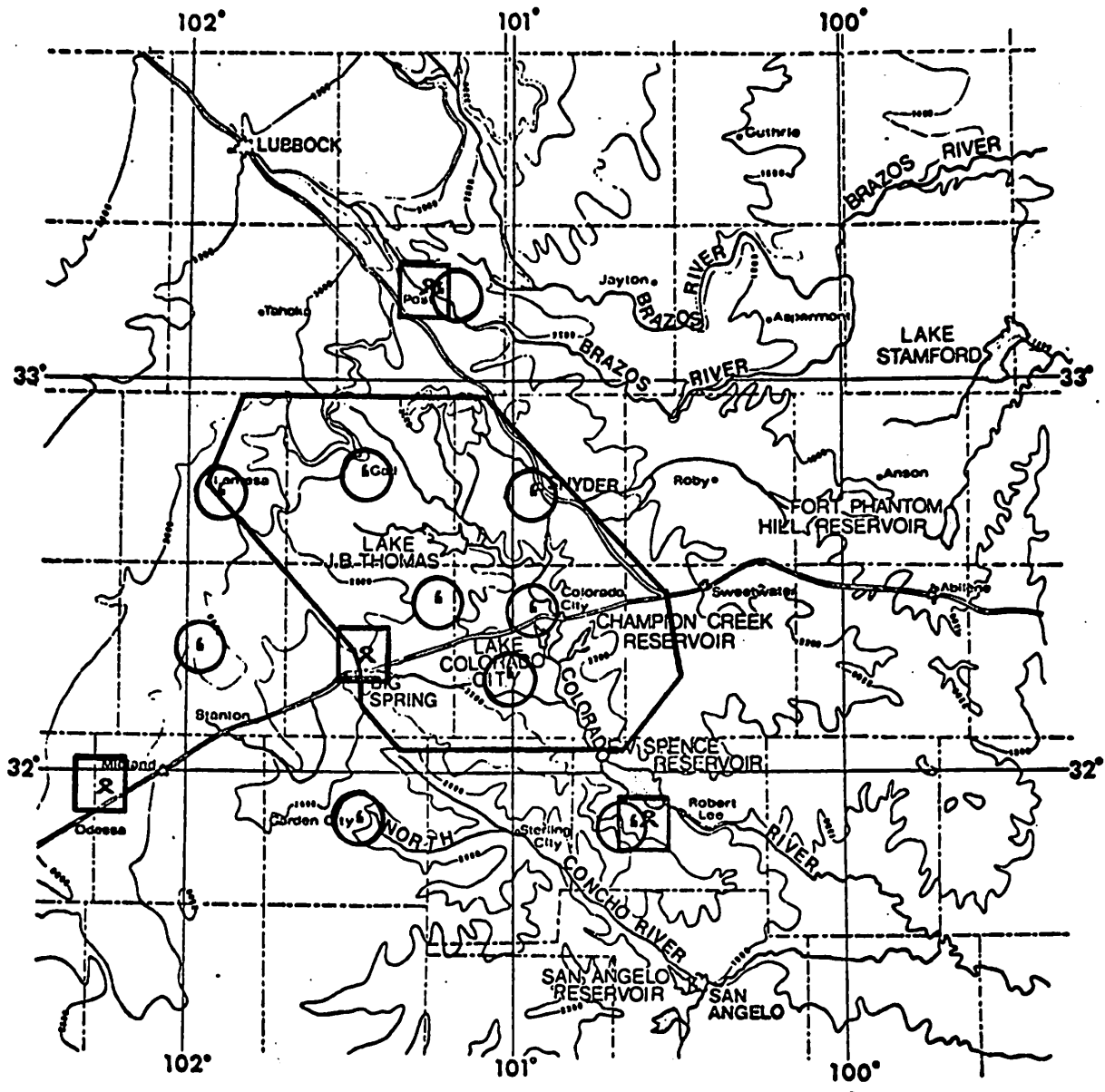
## 3. THE MEASUREMENT PROGRAM

### 3.1 Surface

The locations of the ten special surface stations are shown in Fig. 1. The parameters measured at each special surface station included temperature, relative humidity, pressure, and wind speed and direction. Temperature and relative humidity were obtained from hygrothermographs, pressure from microbarographs, and wind speed and direction from automatic weather stations provided by Meteorology Research, Inc. In addition, the MRI automatic weather stations also provided temperature. Data from all stations were recorded on paper strip charts continuously throughout the observational period. All equipment was serviced regularly by TAMU personnel. All hourly surface observations were obtained from Midland and other nearby NWS and Air Force stations for later use and comparison with the data collected at the ten special surface stations.

### 3.2 Rawinsonde soundings

Rawinsonde soundings at the four stations (see Fig. 1 for station locations) participating in the mesoscale experiment were made at 3-h



**Explanation:**

- Target area
- ⊗ Rawinsonde station
- ⊙ Surface station

Map scale: 2.54 cm (1 in) = 52.6 km (33 mi)

**Fig. 1.** Target area and locations of special surface and rawinsonde stations.

intervals for a 12-h period beginning usually at 1500 GMT on each operational day. Soundings were made at 1 1/2-h intervals on three of the operational days. An attempt was made to release all soundings within 15 minutes of the hour when possible, but in some cases the time difference was somewhat greater. However, most soundings were released within 30 minutes of the appointed time.

Only minor equipment problems were encountered with both the Army and TAMU rawinsonde units and only two complete soundings were lost during the entire period.

### 3.3 Other

In addition to surface and rawinsonde data, several other types of data were collected during the observational period. These consisted of rainfall, radar data collected by the Colorado River Municipal Water District (CRMWD) at Big Spring and MRI at Snyder, aircraft data collected by CRMWD, surface and radar data collected at the NWS station in Midland, and teletype and facsimile data collected at Texas A&M University. Because of the nature of these data, it is virtually impossible to include them as part of a data report and, therefore, they have been omitted.

## 4. DATA PROCESSING PROCEDURES

### 4.1 Surface

The surface data consisting of wind direction and speed, temperature, relative humidity, and pressure were extracted from the strip charts once each hour on the hour. Wind speed and direction, which were extracted from the charts by MRI personnel, represent approximately 5-minute averages. The thermodynamic data were extracted by TAMU personnel by reading point values on the hour, but due to the slow chart speed, these data also represent approximately 5-minute averages. The thermodynamic and pressure data were checked at each station by use of a sling psychrometer and an aneroid barometer that was checked daily against a mercurial barometer. All hygrothermographs and microbarographs were calibrated prior to their use in the field, and at 2-3 day intervals during the experimental period. All instruments performed remarkably well during the entire period and the data are of excellent quality. Since new and frequently calibrated hygrothermographs were used to obtain



temperature and humidity data, the TAMU temperature data may be preferable to the MRI data. The MRI temperature data may be of equal quality but the instruments were not recalibrated as often as the TAMU instruments.

#### 4.2 Rawinsonde soundings

Rawinsonde soundings were not processed routinely in the field on the Bureau of Reclamation computer as was done during the summer of 1976. Instead, random soundings were processed in this manner to insure that proper procedures were being followed in making the soundings. Significant-point data were extracted at TAMU after the field program, placed on magnetic tape, then processed on the Bureau of Reclamation computer. This procedure eliminated a bottleneck on the computer terminal in Big Spring during the operational period, decreased the overall cost of processing the data, and eliminated errors since the data had been checked extensively for errors in the TAMU reduction procedure.

All soundings were processed at Texas A&M University after the field program was concluded by extracting ordinate data for each pressure contact and angle data at either 30-sec or 1-min intervals. These data were then processed by use of the computer program developed by Fuelberg<sup>1</sup> (1974) (This program is given in Appendix C of TWDB Report No. 76-12<sup>2</sup> and includes information on its accuracy). Sounding data are provided for each pressure contact and at 25-mb intervals. These data were subjected to a number of error analysis schemes and all questionable data points checked and corrected as necessary.

Time cross sections of temperature, relative humidity, geopotential height, and wind were computer plotted and analyzed to insure continuity at each station. All questionable data points were examined and corrections made as necessary. In addition, constant pressure charts were plotted for several levels to check for inconsistencies between stations. Only obviously incorrect data were corrected as a result of this analysis since it is difficult to tell whether or not a slight error in data exists. There was remarkable continuity observed in the time cross sections, and reasonable space continuity shown on the constant pressure charts. From these analyses, it appears that the sounding data at all stations are of

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<sup>1</sup>Fuelberg, H. E., 1974: Reduction and error analysis of the AVE II pilot experiment data. NASA CR-120496, NASA Marshall Space Flight Center, Huntsville, Alabama, 131 pp.

<sup>2</sup>Scoggins, J. R., and G. S. Wilson, 1976: Texas HIPLEX Mesoscale Experiment-Summer 1976 Data Tabulations. TWDB 76-12, Texas Water Development Board, Austin, Texas, 33 pp. plus 3 Appendices.

excellent quality. Overall, the sounding data for 1977 are of better quality than for 1976 since mercurial barometers were used to determine surface pressure, instrumentation difficulties were resolved quickly, and personnel were more experienced than in 1976.

#### 4.3 Other

Arrangements were made to obtain all radar and surface observations from the NWS station at Midland. These data, along with teletype and facsimile data for the period May 31 to July 12, 1977, were archived at TAMU and are available as required by participants in the HIPLEX program.

### 5. PRESENTATION OF DATA

#### 5.1 Radar

Radar data obtained from the NWS station at Midland were manually digitized on a grid of 15.8 km and computer plotted. These plots are presented in Appendix A for each day during the operational period on which echoes were observed. The code used is as follows: 0 - no echoes; 1 - tops less than 6 km (20 K ft); 2 - tops between 6-9.1 km (20-30 K ft); and 3 - tops exceeding 9.1 km (30 K ft). The no-echo category was not plotted on the computer-generated plots. These plots are presented in lieu of synoptic conditions presented in the TWDB 76-12 report since the primary emphasis is on the type and extent of convective activity rather than synoptic conditions.

#### 5.2 Surface

All surface data are presented in table form in Appendix B. The data are presented by day and time within each day. Metric units are used in the presentation of all data. Units of pressure are millibars, temperature °C, relative humidity in percent, wind direction in degrees from which the wind was blowing measured clockwise from north, and wind speed in  $m s^{-1}$ . A series of nines was used to indicate missing MRI wind and temperature data, and 0.0 to indicate missing TAMU pressure, temperature, and relative humidity. In each table of numbers for each hour there are two values of temperature given for each station. These are identified as A&M and MRI, indicating the source of the temperature data. There was no attempt made to calibrate the MRI instruments with hygrometers. There are some differences between the MRI and TAMU temperatures which may have resulted from calibration errors, slight

differences in location, and timing errors. The TAMU temperature data are probably more accurate than the MRI data, at least on a relative basis, due to the frequent calibration of the hygrothermographs.

An inventory of the thermodynamic and pressure data for each of the ten special surface stations for the period May 31 to July 12, 1977, is presented in Table 1. This table shows immediately what data are available (information on temperature refer only to TAMU data) for analysis and was taken directly from the tables presented in Appendix B. In addition to the tables presented in Appendix B, all surface data including the wind and temperature data provided by MRI have been put on magnetic tape and are available to project participants on a need basis (See Appendix C for a computer program to read the tape).

### 5.3 Rawinsonde soundings

All rawinsonde sounding data processed at TAMU and presented at 25-mb intervals are given in Appendix D. A list of all soundings which appear in this tabulated listing of data are shown in Table 2. Metric units were used throughout the computations and all data are presented in metric units. A listing of all column headings used in the tables appear in front of the tables. The sounding data appearing in the tables also were put on magnetic tape and are available for use by project participants (See Appendix C for computer program to read the tape).

## 6. COMMENTS

The mesoscale experiment conducted in the Summer of 1977 in the Texas HIPLEX area provided data which should be invaluable for the study of cloud formation, growth, intensity, movement, etc., and in the investigation of interrelationships between convective activity and the environment. The data (surface and soundings) collected during 1977 are of much better overall quality than that collected during 1976, and there are few missing data. The improvement in data resulted primarily from improved equipment and from revised operational procedures, both in the field and at TAMU after the field program. The end result was the excellent data set presented in this report.

Table 1. Inventory of Surface Data by Station During the Summer of 1977  
for the Texas HIPLEX Area for the Period May 31 through July 12.

Station	Temperature	Data Missing	
		Relative Humidity	Pressure
Post	None	None	None
Lamesa	None	6/24: 11-21*	None
Gail	None	None	6/6: 14-23 6/7: 00-09 6/9: 09-23 6/10: 00-09 6/21: 19-23 6/22: 00-09 7/3: 17-23 7/4: 00-10
Snyder	None	None	None
Lenorah	None	None	None
Vincent	None	6/14: 03-08 6/15: 03-08 6/16: 03-08 6/17: 04-08 6/18: 04-09 6/19: 04-09 6/20: 04-09 6/21: 01-10; 23 6/22: 00-09; 15-23 6/23: 00-10; 16-23 6/24: 00-11; 21-23 6/25: 00-09; 12 7/9: 11-18	7/4: 09-23 7/5: 00-23 7/6: 00-23 7/7: 00-23 7/10: 15-23 7/11: 00-14
Walsh-Watts	None	None	5/31: 13-23 6/1-6/7: 00-23 6/8: 00-13 6/11: 23 6/12: 00-23 6/13: 00-13
Colorado City	None	None	6/12: 01-11 7/6: 10-12
Garden City	None	None	None
Robert Lee	None	None	7/7: 13-23 7/8: 00-23 7/9: 00-11

\* Date and time (CDT)

Table 2. Summary of Soundings for June and July 1977 for Texas HIPLEX Area.

Date	Robert Lee	Post	Midland	Big Spring
June 1-2	15 <sup>1</sup> 18 21 00 03	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03
June 7-8	15 18 21 00 03	15 18 21 00 <sup>2</sup> 03 <sup>2</sup>	15 18 21 00 03	15 18 21 00 03
June 9-10	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03
June 11-12	15 18 21 00 03	15 18 21 <sup>2</sup> 00 <sup>2</sup> 03 <sup>2</sup>	15 18 21 00 03	15 18 21 00 03
June 13-14	15 18 21 00 03 06	15 18 21 00 03 06	15 18 21 00 03 06	15 18 21 00 03 06
June 21-22	15 18 1930 21 2230 00 0130 03	15 18 1930 21 2230 00 0130 03	15 18 1930 21 (2230) 00 (0130) 03	15 18 1930 21 2230 00 0130 03
June 22-23	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03
June 23-24	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03
June 24-25	15 18 21 00 03 06	15 18 21 00 03 06	15 18 21 00 03 06	15 18 21 00 03 06
June 25-26	15 18 21 00 (03)	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03
June 27-28	15 18 1930 (21) 2230 00 0130 03	15 18 1930 21 2230 00 0130 03	15 18 1930 21 2230 00 (0130) 03	15 18 1930 21 2230 00 0130 03
June 30- July 1	18 21 00 03	18 21 00 03	18 21 00 03	18 21 03
July 7-8	15 18 21 00 03	15 18 21 00 03	15 18 1930 21 2230 00 03	15 18 21 00 03
July 8-9	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03
July 9-10	15 18 <sup>2</sup> 1930 21 2230 00 0130 03	15 18 1930 21 2230 00 0130 03	15 18 1930 21 2230 00 (0130) 03	15 18 1930 21 2230 00 0130 03
July 10-11	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03	15 18 21 00 03

1 - Time in GMT hours

2 - Wind data missing

( ) - Missing soundings that were scheduled



APPENDIX A

Radar Echo Data - Summer 1977

Data Source: National Weather Service  
Midland, Texas

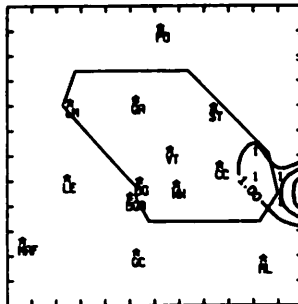
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2 - tops between 6-9.1 km (20-30 K ft)  
3 - tops exceeding 9.1 km (30 K ft)





NO ECHOES

RADAR 5/31/77 1000 CDT



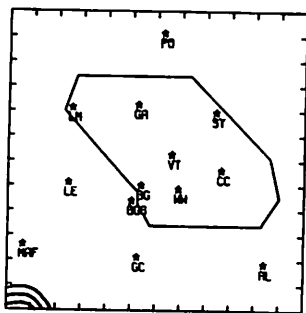
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RADAR 5/31/77 1200 CDT

NO ECHOES

RADAR 5/31/77 1300 CDT



RADAR 5/31/77 1600 CDT

NO ECHOES

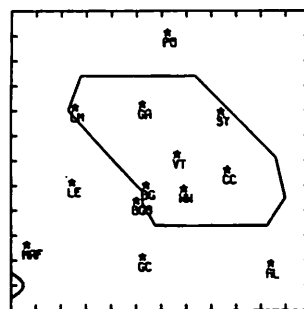
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NO ECHOES

RADAR 5/31/77 1700 CDT

NO ECHOES

RADAR 5/31/77 1500 CDT



RADAR 5/31/77 1800 CDT

NO ECHOES

RADAR 5/31/77 1900 CDT

NO ECHOES

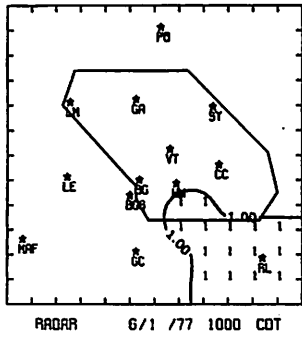
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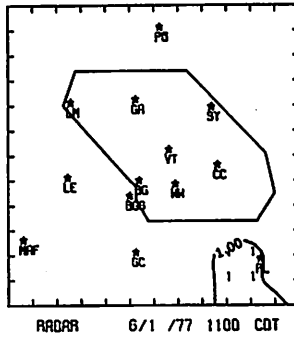
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NO ECHOES

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NO ECHOES

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NO ECHOES

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NO ECHOES

RADAR 6/1 /77 1300 CDT

NO ECHOES

RADAR 6/1 /77 1400 CDT

NO ECHOES

RADAR 6/1 /77 1500 CDT

NO ECHOES

RADAR 6/1 /77 1600 CDT

NO ECHOES

RADAR 6/1 /77 1700 CDT

NO ECHOES

RADAR 6/1 /77 1800 CDT

NO ECHOES

RADAR 6/1 /77 1900 CDT

NO ECHOES

RADAR 6/1 /77 2000 CDT

NO ECHOES

RADAR 6/1 /77 2100 CDT

NO ECHOES

RADAR 6/1 /77 2200 CDT

NO ECHOES

RADAR 6/3 /77 1000 CDT

NO ECHOES

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NO ECHOES

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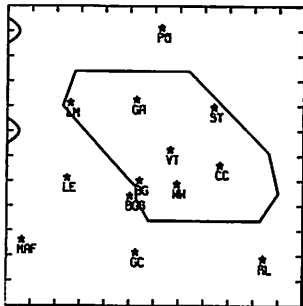
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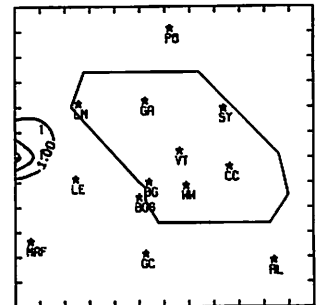
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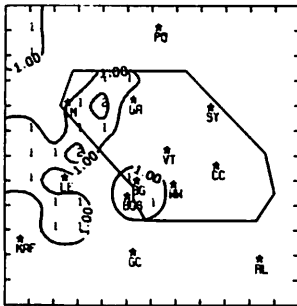
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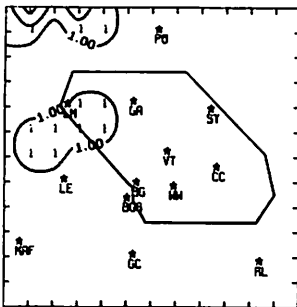
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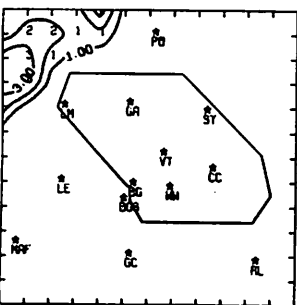
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RADAR 6/9 /77 1900 CDT



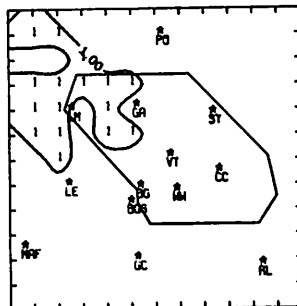
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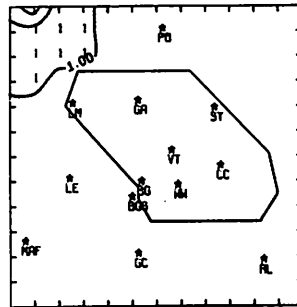
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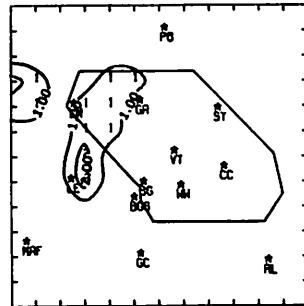


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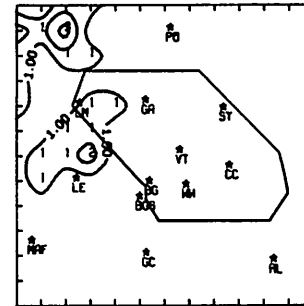


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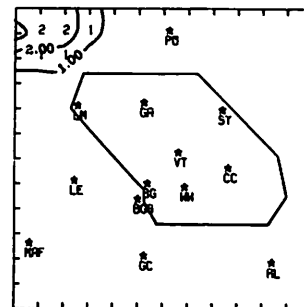
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RADAR 6/9 /77 1500 CDT



RADAR 6/9 /77 1800 CDT



RADAR 6/9 /77 2100 CDT

NO ECHOES

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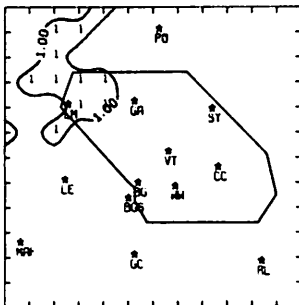
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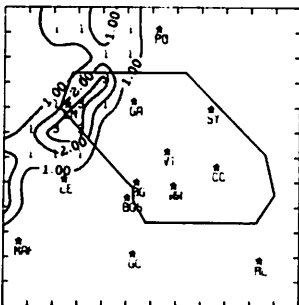
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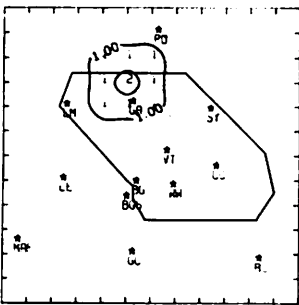
RADAR 6/10/77 1300 CDT



RADAR 6/10/77 1600 CDT



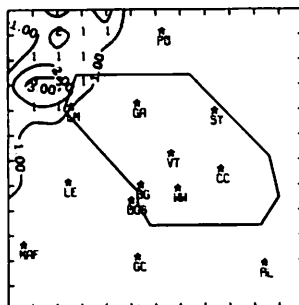
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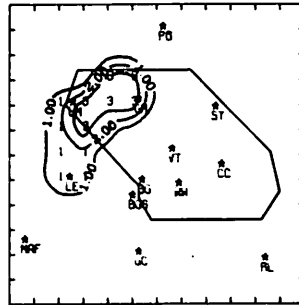
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NO ECHOES

RADAR 6/10/77 1400 CDT



RADAR 6/10/77 1700 CDT

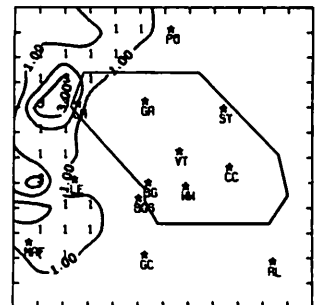


RADAR 6/10/77 2000 CDT

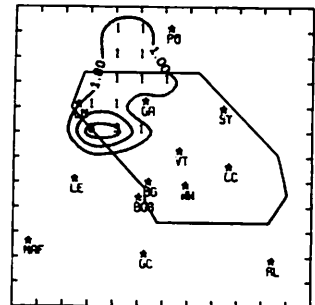


NO ECHOES

RADAR 6/10/77 1500 CDT



RADAR 6/10/77 1800 CDT



RADAR 6/10/77 2100 CDT

NO ECHOES

RADAR 6/11/77 1000 CDT

NO ECHOES

RADAR 6/11/77 1100 CDT

NO ECHOES

RADAR 6/11/77 1200 CDT

NO ECHOES

RADAR 6/11/77 1300 CDT

NO ECHOES

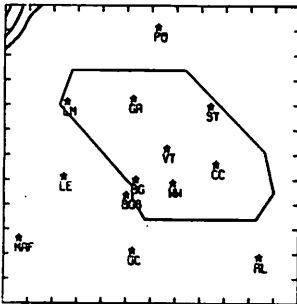
RADAR 6/11/77 1400 CDT

NO ECHOES

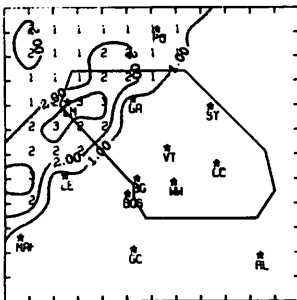
RADAR 6/11/77 1500 CDT

NO ECHOES

RADAR 6/11/77 1600 CDT



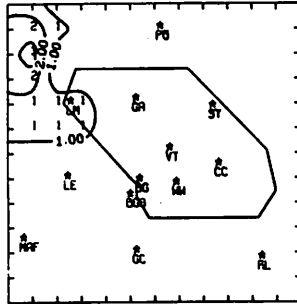
RADAR 6/11/77 1900 CDT



RADAR 6/11/77 2200 CDT

NO ECHOES

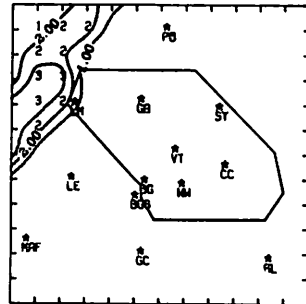
RADAR 6/11/77 1700 CDT



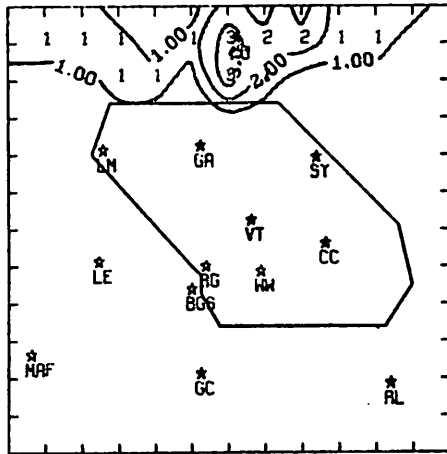
RADAR 6/11/77 2000 CDT

NO ECHOES

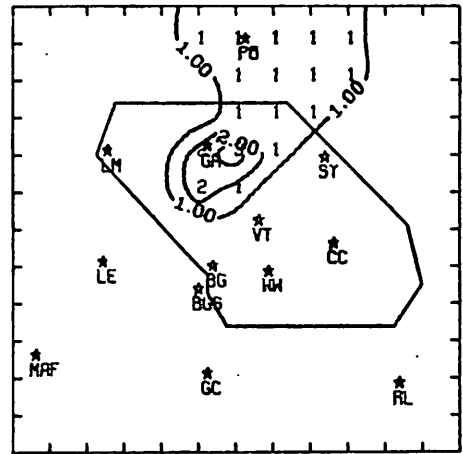
RADAR 6/11/77 1800 CDT



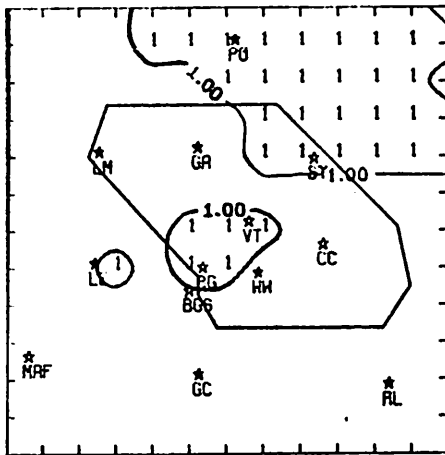
RADAR 6/11/77 2100 CDT



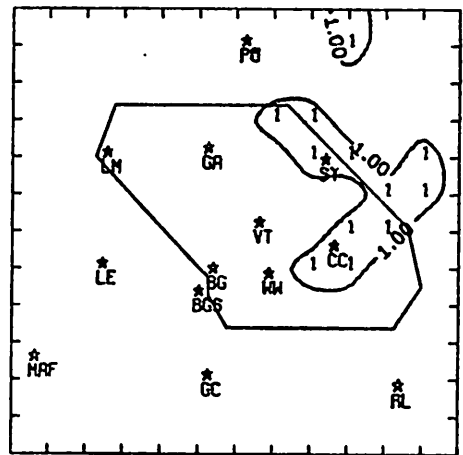
RADAR 6/13/77 2200 CDT



RADAR 6/13/77 2300 CDT



RADAR 6/13/77 2400 CDT



RADAR 6/14/77 0100 CDT

No echoes were observed on June 13 prior to 2200 CDT; echo coverage extended to 0100 CDT on June 14 to cover period for which soundings were made.

NO ECHOES

RADAR 6/20/77 1000 CDT

NO ECHOES

RADAR 6/20/77 1100 CDT

NO ECHOES

RADAR 6/20/77 1200 CDT

NO ECHOES

RADAR 6/20/77 1300 CDT

NO ECHOES

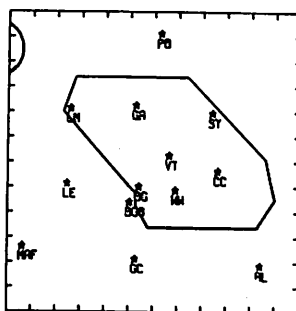
RADAR 6/20/77 1400 CDT

NO ECHOES

RADAR 6/20/77 1500 CDT

NO ECHOES

RADAR : 6/20/77 1600 CDT



RADAR 6/20/77 1700 CDT

NO ECHOES

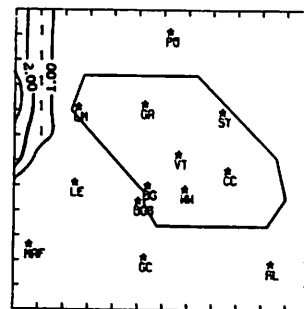
RADAR 6/20/77 1800 CDT

NO ECHOES

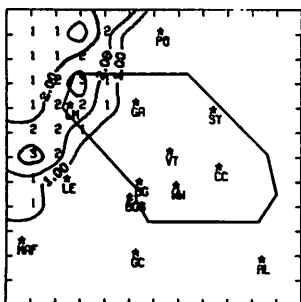
RADAR 6/20/77 1900 CDT

NO ECHOES

RADAR 6/20/77 2000 CDT



RADAR 6/20/77 2100 CDT

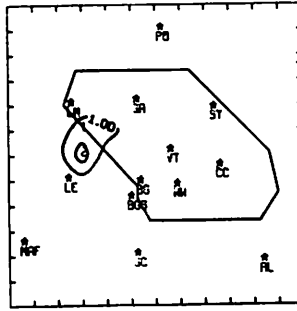


RADAR 6/20/77 2200 CDT

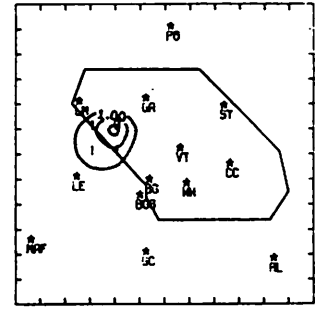


NO ECHOES

RADAR 6/21/77 1000 CDT



RADAR 6/21/77 1100 CDT



RADAR 6/21/77 1200 CDT

NO ECHOES

RADAR 6/21/77 1300 CDT

NO ECHOES

RADAR 6/21/77 1400 CDT

NO ECHOES

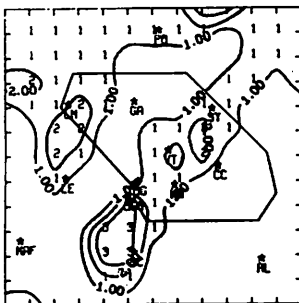
RADAR 6/21/77 1500 CDT

NO ECHOES

RADAR 6/21/77 1600 CDT

NO ECHOES

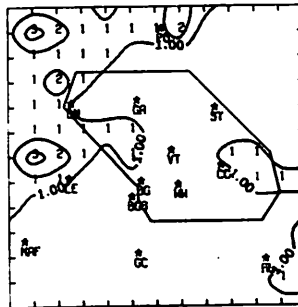
RADAR 6/21/77 1900 CDT



RADAR 6/21/77 2200 CDT

NO ECHOES

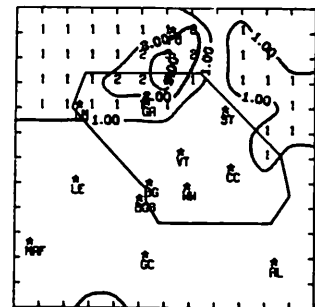
RADAR 6/21/77 1700 CDT



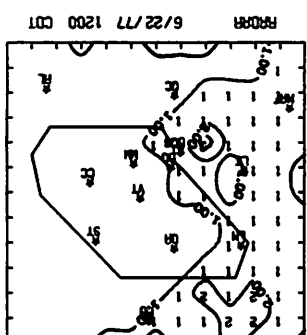
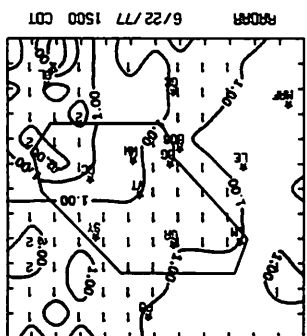
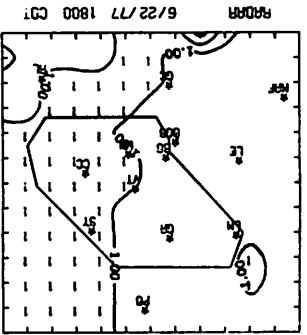
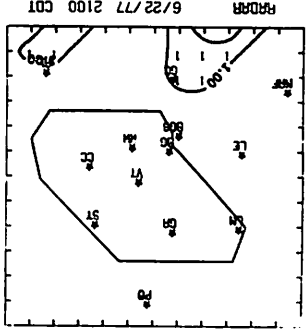
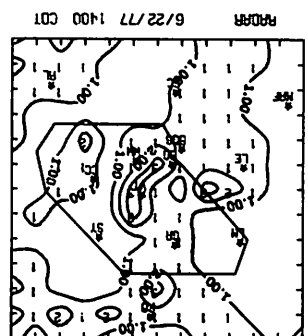
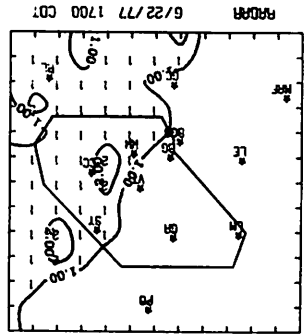
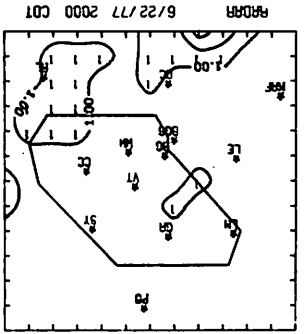
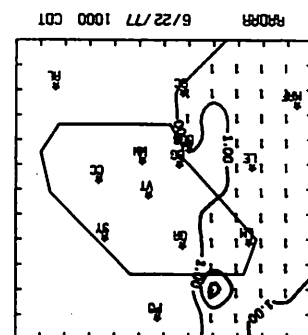
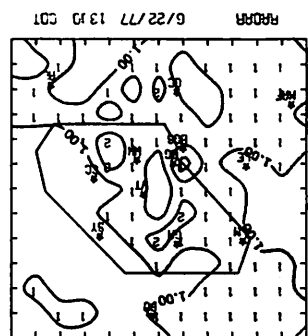
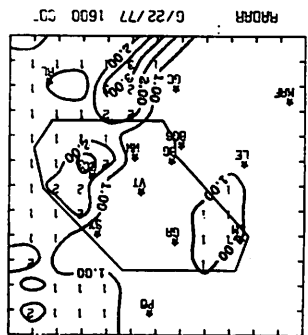
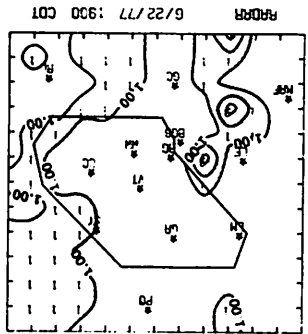
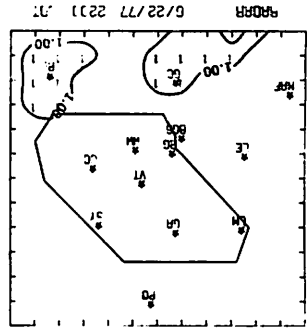
RADAR 6/21/77 2000 CDT

NO ECHOES

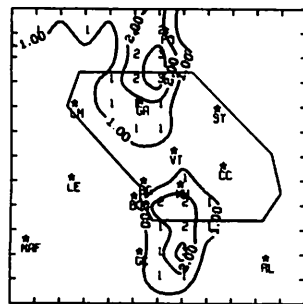
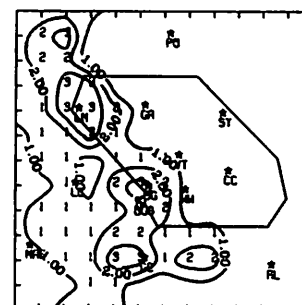
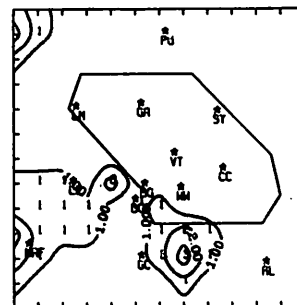
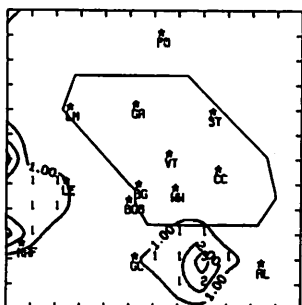
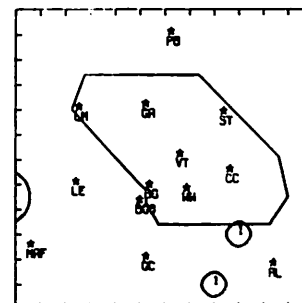
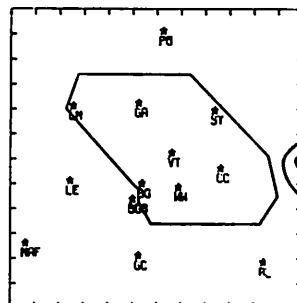
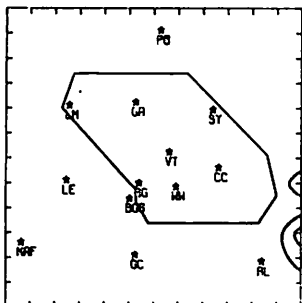
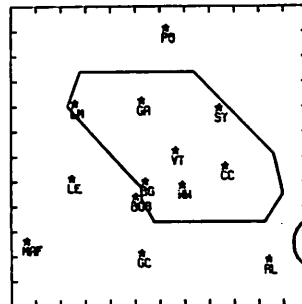
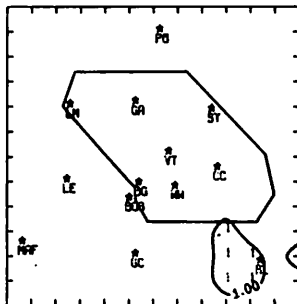
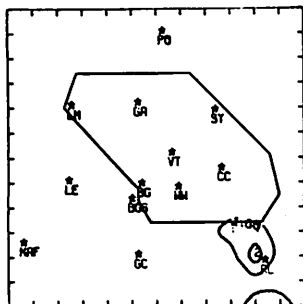
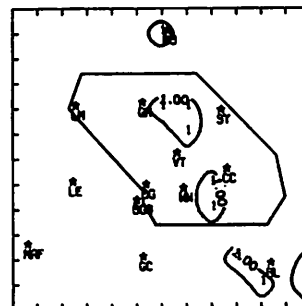
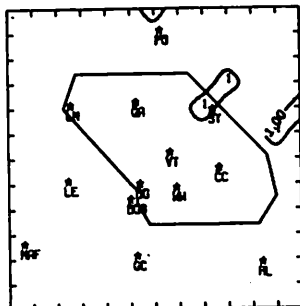
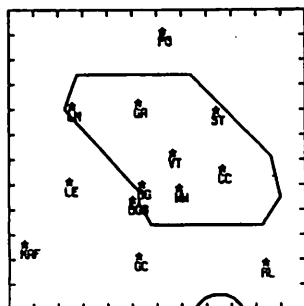
RADAR 6/21/77 1800 CDT



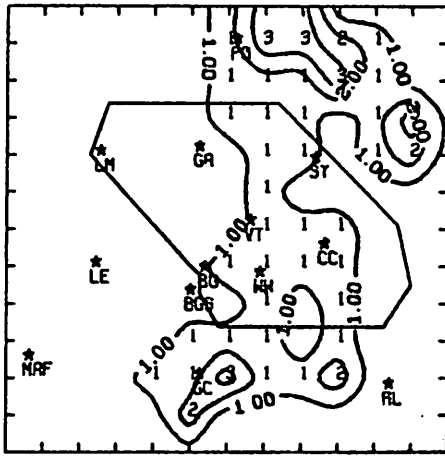
RADAR 6/21/77 2100 CDT



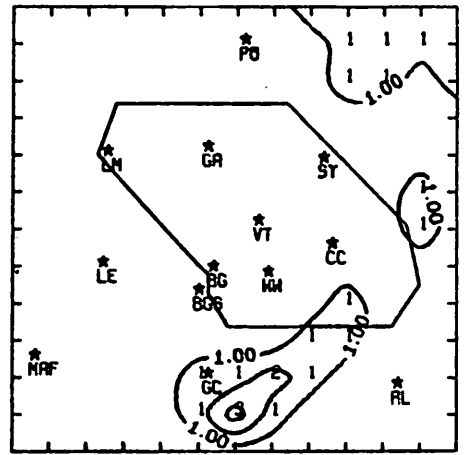




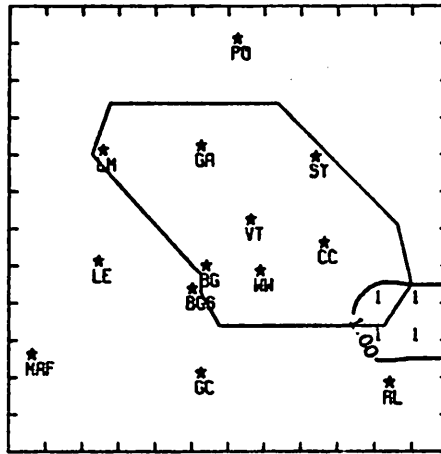
Continued on following page.



RADAR 6/24/77 2300 CDT

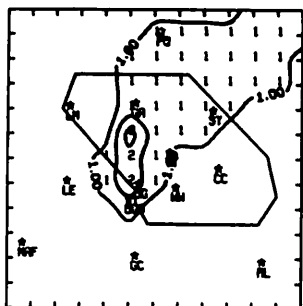


RADAR 6/24/77 2400 CDT

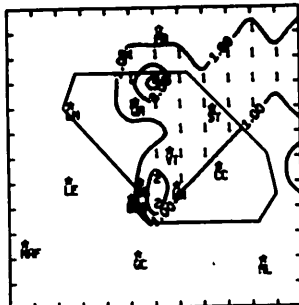


RADAR 6/25/77 0100 CDT

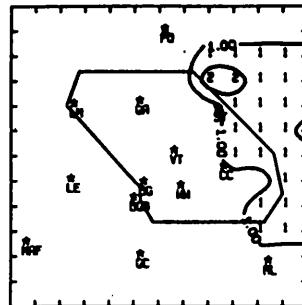
Echo coverage extended to 0100 CDT on June 25 to cover period for which soundings were made.



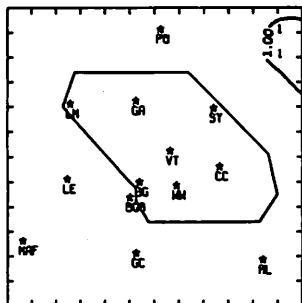
RADAR 6/25/77 1000 CDT



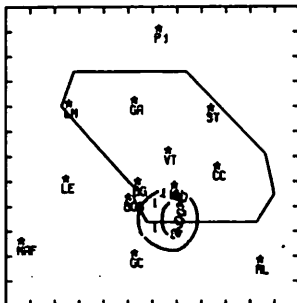
RADAR 6/25/77 1100 CDT



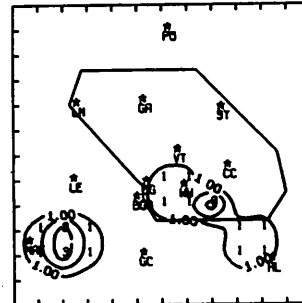
RADAR 6/25/77 1200 CDT



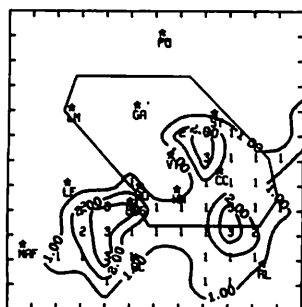
RADAR 6/25/77 1300 CDT



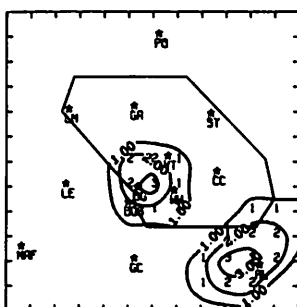
RADAR 6/25/77 1400 CDT



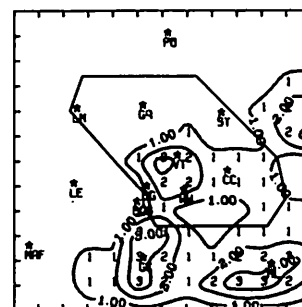
RADAR 6/25/77 1500 CDT



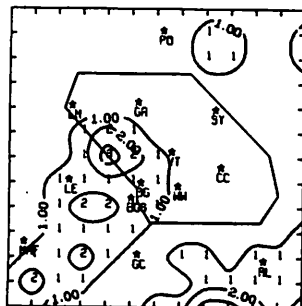
RADAR 6/25/77 1600 CDT



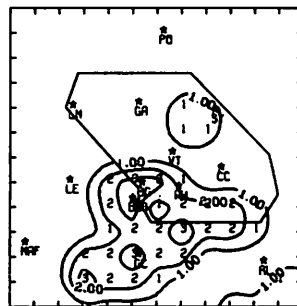
RADAR 6/25/77 1700 CDT



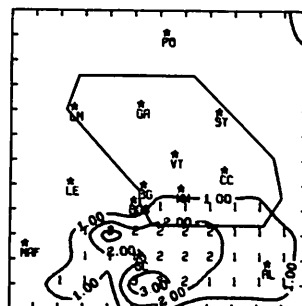
RADAR 6/25/77 1800 CDT



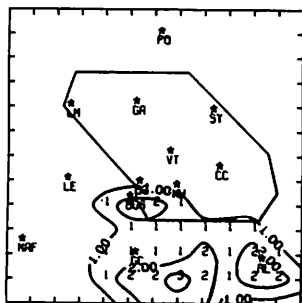
RADAR 6/25/77 1900 CDT



RADAR 6/25/77 2000 CD



RADAR 6/25/77 2100 CDT



RADAR 6/25/77 2200 CDT

NO ECHOES

RADAR 6/26/77 1000 CDT

NO ECHOES

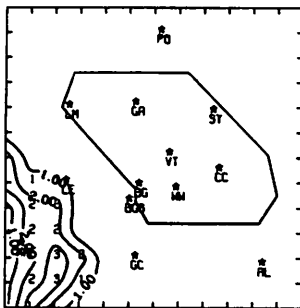
RADAR 6/26/77 1100 CDT

NO ECHOES

RADAR 6/26/77 1200 CDT

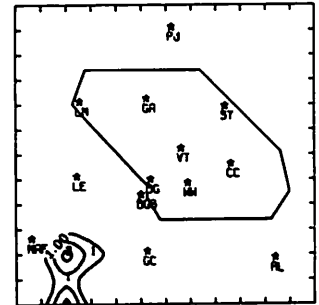
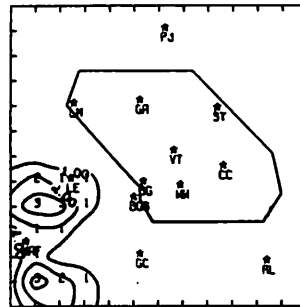
NO ECHOES

RADAR 6/26/77 1300 CDT

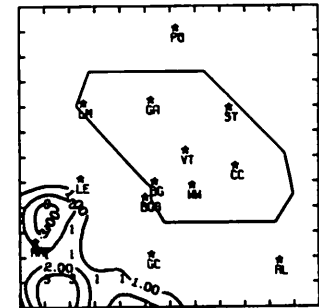


NO ECHOES

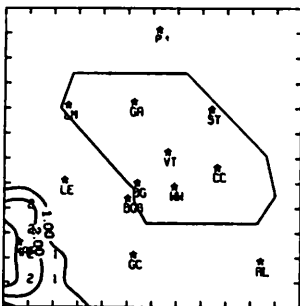
RADAR 6/26/77 1400 CDT



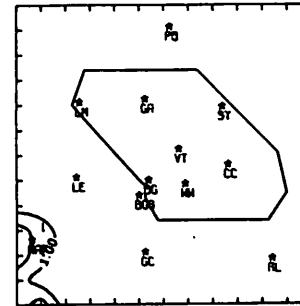
RADAR 6/26/77 1500 CDT



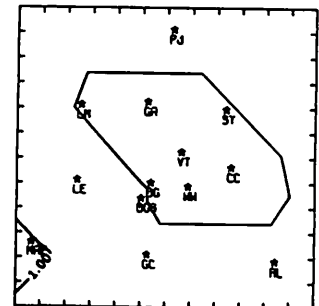
RADAR 6/26/77 1600 CDT



RADAR 6/26/77 1700 CDT



RADAR 6/26/77 1800 CDT



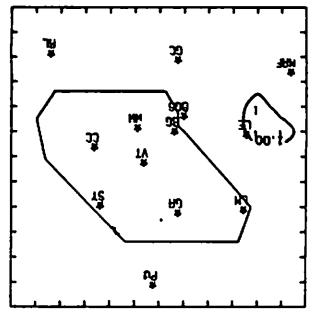
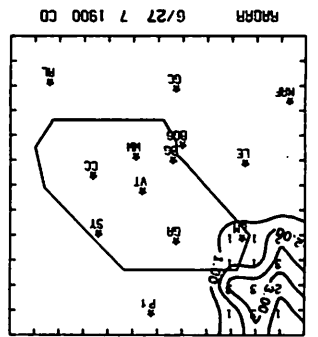
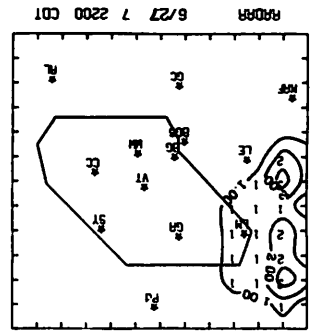
RADAR 6/26/77 1900 CDT

RADAR 6/26/77 2000 CDT

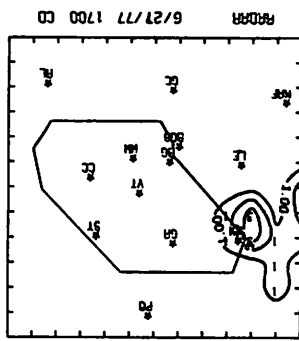
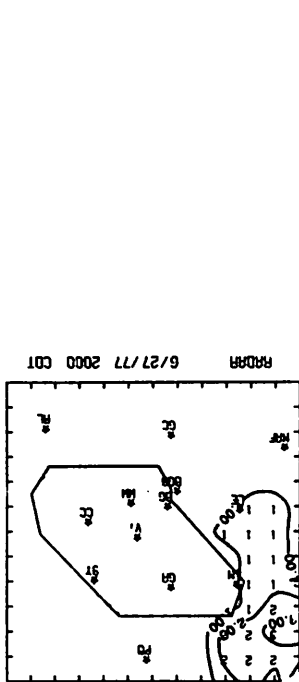
RADAR 6/26/77 2100 CDT

NO ECHOES

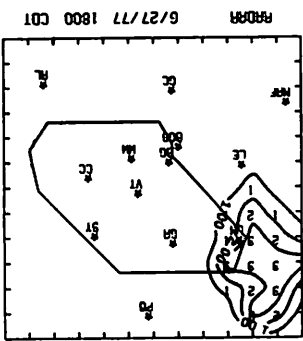
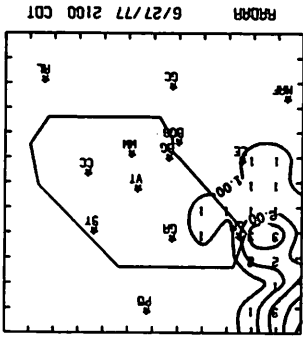
RADAR 6/26/77 2200 CDT



NO ECHOES  
 RDRR 6/27/77 1000 CDT



NO ECHOES  
 RDRR 6/27/77 1100 CDT



NO ECHOES  
 RDRR 6/27/77 1500 CDT

NO ECHOES

NO ECHOES

NO ECHOES

NO ECHOES

NO ECHOES

NO ECHOES



NO ECHOES

RRDAR 6/30/77 1000 CDT

NO ECHOES

RRDAR 6/30/77 1100 CDT

NO ECHOES

RRDAR 6/30/77 1200 CDT

NO ECHOES

RRDAR 6/30/77 1300 CDT

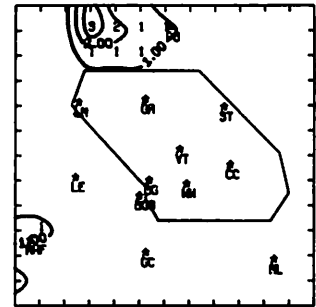
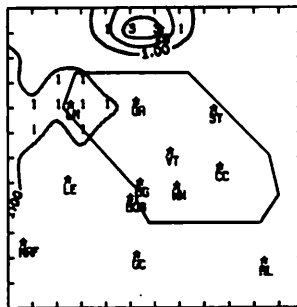
NO ECHOES

RRDAR 6/30/77 1400 CDT

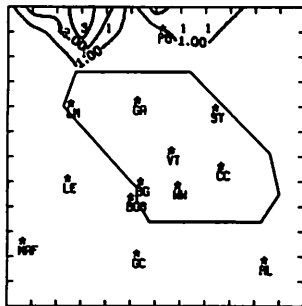
NO ECHOES

RRDAR 6/30/77 1500 CDT

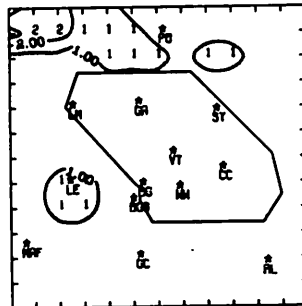
NO ECHOES



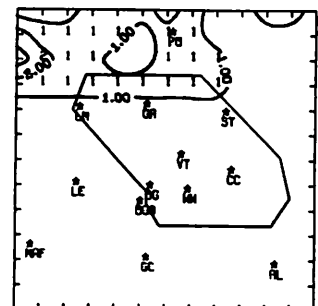
RRDAR 6/30/77 1600 CDT



RRDAR 6/30/77 1700 CDT



RRDAR 6/30/77 1800 CDT



RRDAR 6/30/77 1900 CDT

RRDAR 6/30/77 2000 CDT

RRDAR 6/30/77 2100 CDT

NO ECHOES

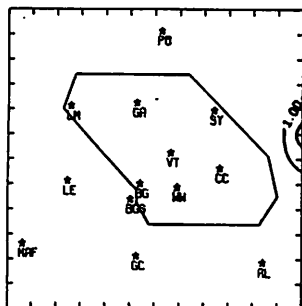
RRDAR 6/30/77 2200 CDT

NO ECHOES

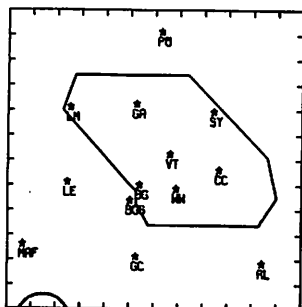
RADAR 7/1 /77 1000 CDT

NO ECHOES

RADAR 7/1 /77 1300 CDT



RADAR 7/1 /77 1600 CDT



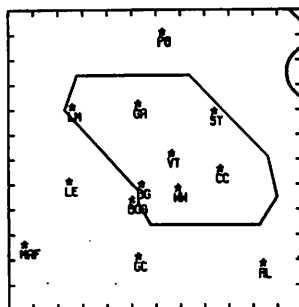
RADAR 7/1 /77 1900 CDT

NO ECHOES

RADAR 7/1 /77 2200 CDT

NO ECHOES

RADAR 7/1 /77 1100 CDT



RADAR 7/1 /77 1400 CDT

NO ECHOES

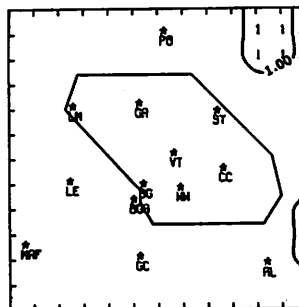
RADAR 7/1 /77 1700 CDT

NO ECHOES

RADAR 7/1 /77 2000 CDT

NO ECHOES

RADAR 7/1 /77 1200 CDT



RADAR 7/1 /77 1500 CDT

NO ECHOES

RADAR 7/1 /77 1800 CDT

NO ECHOES

RADAR 7/1 /77 2100 CDT

NO ECHOES

NO ECHOES

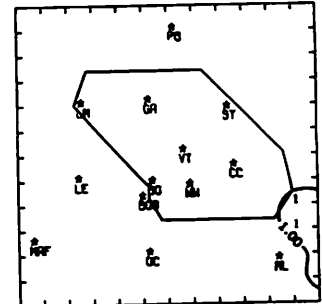
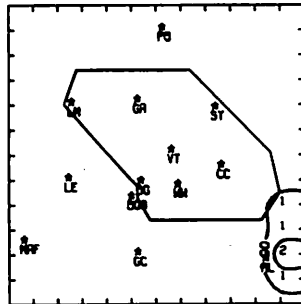
NO ECHOES

RADAR 7/2 /77 1000 CDT

RADAR 7/2 /77 1100 CDT

RADAR 7/2 /77 1200 CDT

NO ECHOES



RADAR 7/2 /77 1300 CDT

RADAR 7/2 /77 1400 CDT

RADAR 7/2 /77 1500 CDT

NO ECHOES

NO ECHOES

NO ECHOES

RADAR 7/2 /77 1600 CDT

RADAR 7/2 /77 1700 CDT

RADAR 7/2 /77 1800 CDT

NO ECHOES

NO ECHOES

NO ECHOES

RADAR 7/2 /77 1900 CDT

RADAR 7/2 /77 2000 CDT

RADAR 7/2 /77 2100 CDT

NO ECHOES

RADAR 7/2 /77 2200 CDT

NO ECHOES

NO ECHOES

NO ECHOES

RADAR 7/7/77 1000 CDT

RADAR 7/7/77 1100 CDT

RADAR 7/7/77 1200 CDT

NO ECHOES

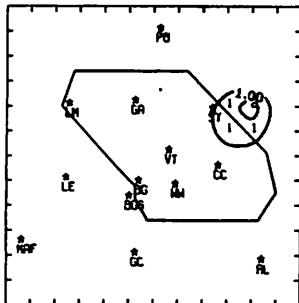
NO ECHOES

NO ECHOES

RADAR 7/7/77 1300 CDT

RADAR 7/7/77 1400 CDT

RADAR 7/7/77 1500 CDT



NO ECHOES

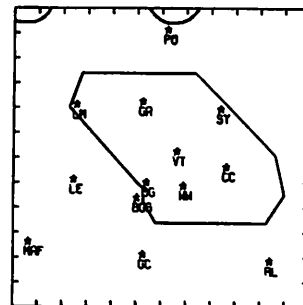
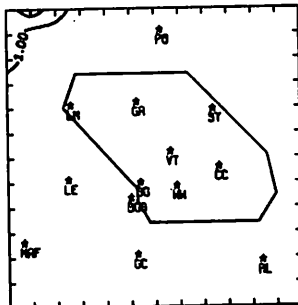
NO ECHOES

RADAR 7/7/77 1600 CDT

RADAR 7/7/77 1700 CDT

RADAR 7/7/77 1800 CDT

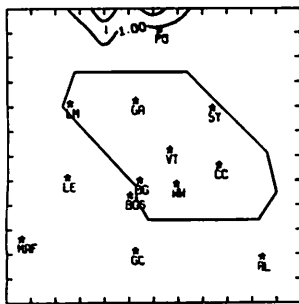
NO ECHOES



RADAR 7/7/77 1900 CDT

RADAR 7/7/77 2000 CDT

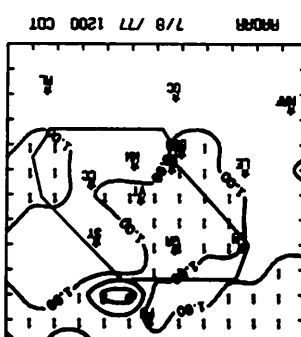
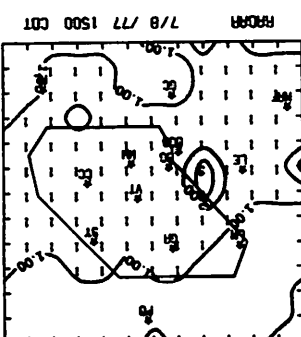
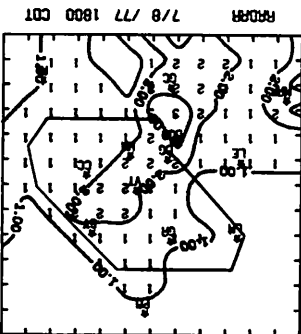
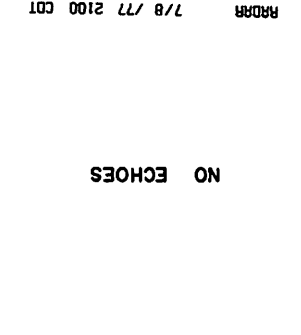
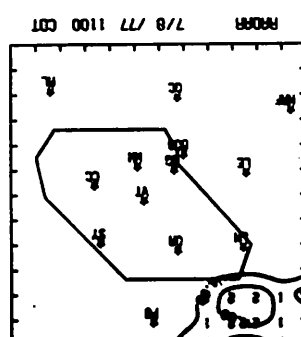
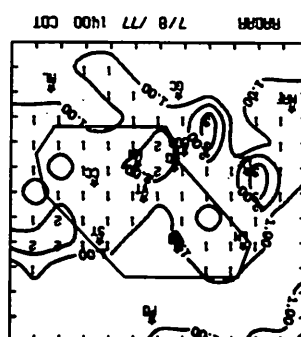
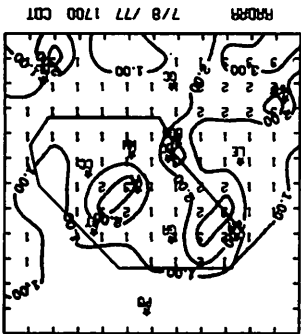
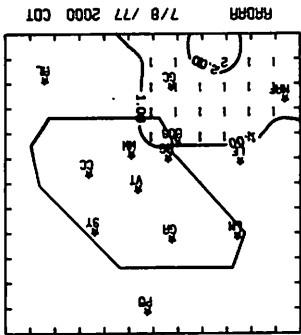
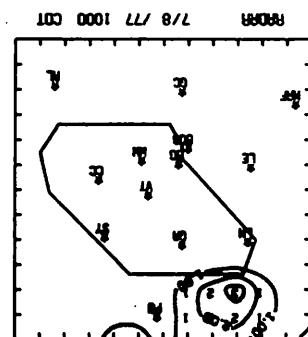
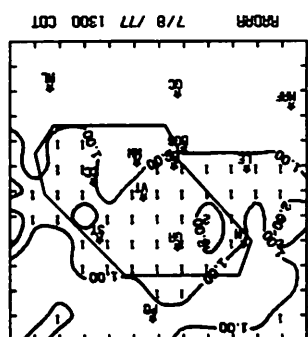
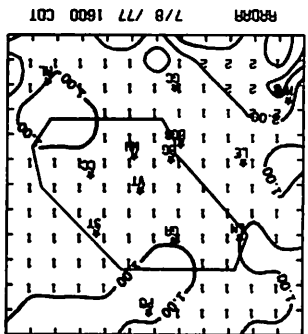
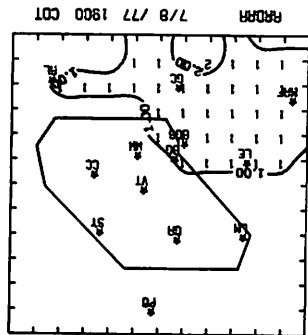
RADAR 7/7/77 2100 CDT



RADAR 7/7/77 2200 CDT

RRDRR 7/8 /77 2200 CDT

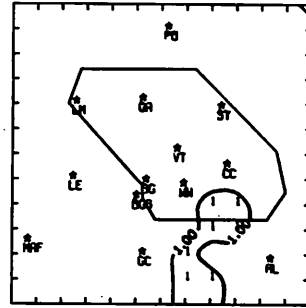
NO ECHOES



NO ECHOES

NO ECHOES

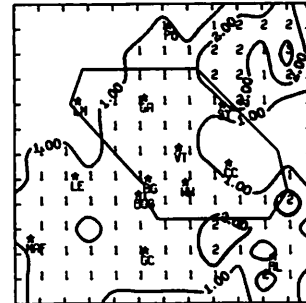
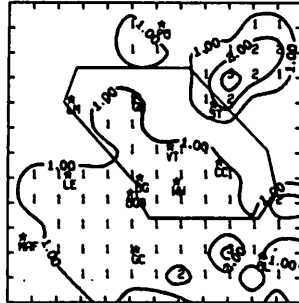
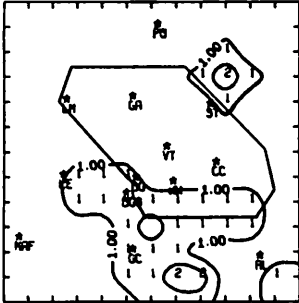
NO ECHOES



RADAR 7/9 /77 1000 CDT

RADAR 7/9 /77 1100 CDT

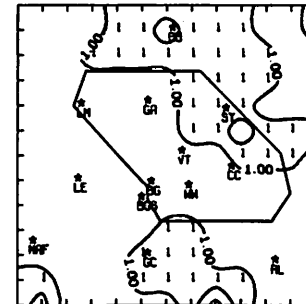
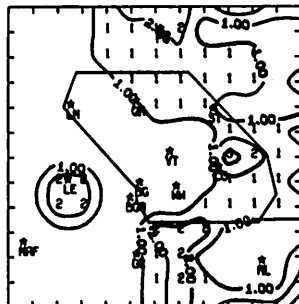
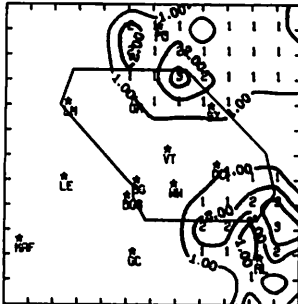
RADAR 7/9 /77 1200 CDT



RADAR 7/9 /77 1300 CDT

RADAR 7/9 /77 1400 CDT

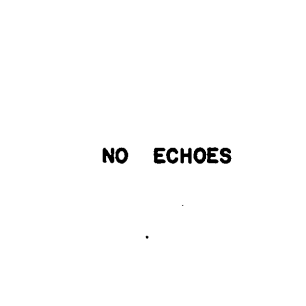
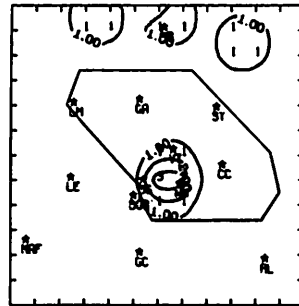
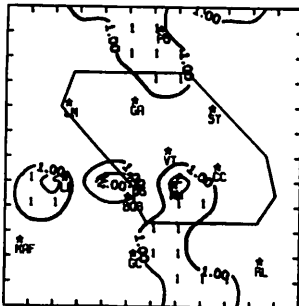
RADAR 7/9 /77 1500 CDT



RADAR 7/9 /77 1600 CDT

RADAR 7/9 /77 1700 CDT

RADAR 7/9 /77 1800 CDT



RADAR 7/9 /77 1900 CDT

RADAR 7/9 /77 2000 CDT

RADAR 7/9 /77 2100 CDT

NO ECHOES

NO ECHOES

RADAR 7/9 /77 2200 CDT

## APPENDIX B

## Data for Ten Special Surface Stations - Summer 1977

## Identification of Column Headings in Data Tables

STAT NO. - Station number

- 1 - Post
- 2 - Lamesa
- 3 - Gail
- 4 - Snyder
- 5 - Lenora
- 6 - Vincent
- 7 - Walsh-Watts
- 8 - Colorado City
- 9 - Garden City
- 10 - Robert Lee

PRES MB

(A&M) TEMP DG C    Temperature in degrees Celcius obtained by Texas  
A&M University.

RH PCT            Relative humidity in percent.

DIR DG            Direction from which wind is blowing in degrees  
measured clockwise from north.

SPEED M/SEC       Wind speed in meters per second.

(MRI) TEMP DG C    Temperature in degrees Celcius obtained by Meteorology  
Research, Inc.

*****													
MAY 31, 1977													
200 CDT													
STAT NO.	POFS WA	(A+M) TEMP DS C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DS C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	070.2	25.1	65.0	109.3	3.3	25.0	1	930.2	25.6	75.0	188.1	2.3	23.0
2	018.1	22.2	93.0	133.8	1.2	21.1	2	918.1	20.6	98.0	118.4	2.3	19.7
3	011.6	25.0	70.0	174.5	3.7	25.1	3	931.6	23.9	73.0	187.9	3.8	24.2
4	075.0	27.2	64.0	199.0	5.1	25.7	4	935.0	25.6	75.0	194.7	4.6	24.0
5	021.1	25.6	62.0	156.5	6.5	24.6	5	921.1	24.4	66.0	190.8	5.6	23.9
6	025.7	25.7	73.0	173.8	4.4	23.8	6	926.7	25.0	81.0	162.5	4.6	21.5
7	075.7	25.6	77.0	193.6	3.1	25.5	7	935.3	24.4	82.0	169.3	3.9	23.6
8	044.5	27.9	75.0	192.6	3.6	24.6	8	946.5	26.1	83.0	173.5	5.5	23.2
9	028.2	24.4	61.0	207.1	4.5	20.0	9	927.2	23.9	82.0	208.5	5.7	19.1
10	041.5	24.1	79.0	162.7	2.4	25.0	10	951.6	25.0	82.0	174.5	1.8	24.0

*****													
MAY 31, 1977													
400 CDT													
STAT NO.	POFS WA	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	070.2	27.6	75.0	175.4	2.1	22.2	1	930.2	22.8	82.0	121.1	1.2	20.3
2	018.1	20.6	89.0	154.5	2.2	19.2	2	918.1	20.6	87.0	181.9	3.6	19.1
3	011.3	21.7	72.0	183.5	3.6	23.5	3	921.6	20.0	82.0	158.0	1.2	19.7
4	075.0	24.4	61.0	197.4	4.3	23.1	4	935.0	22.8	84.0	234.9	3.1	20.7
5	021.1	22.2	78.0	100.9	6.4	22.0	5	920.8	20.0	82.0	221.6	3.6	19.9
6	025.7	27.2	85.0	168.0	3.7	19.7	6	936.0	22.9	88.0	138.8	1.8	18.9
7	075.0	27.3	85.0	199.6	3.0	22.7	7	935.3	22.9	86.0	200.3	2.9	22.0
8	044.2	25.0	95.0	172.0	3.1	21.0	8	946.2	23.3	89.0	172.2	1.2	19.9
9	026.9	23.6	82.0	207.2	4.9	19.8	9	926.9	22.8	84.0	198.2	3.3	18.4
10	041.6	24.0	84.0	243.2	3.3	23.9	10	951.6	23.9	86.0	266.5	1.0	22.9

*****													
MAY 31, 1977													
600 CDT													
STAT NO.	POFS WA	(A+M) TEMP DS C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	070.2	27.2	84.0	105.7	7.0	20.2	1	931.9	21.7	85.0	110.8	4.3	19.9
2	012.1	15.6	91.0	170.0	2.4	15.9	2	918.1	18.3	98.0	150.6	2.1	15.8
3	011.4	20.0	67.0	177.4	2.4	19.4	3	932.5	20.6	82.0	90.7	1.5	19.4
4	075.7	21.7	67.0	95.3	2.9	19.8	4	936.7	23.3	81.0	78.5	6.0	21.5
5	070.4	14.0	84.0	234.1	1.0	17.7	5	920.4	18.3	88.0	193.7	1.0	16.9
6	025.7	21.1	83.0	191.1	0.6	17.7	6	936.7	20.0	95.0	54.7	4.9	17.5
7	075.0	21.7	87.0	151.0	1.0	23.1	7	917.0	21.1	92.0	81.2	1.6	19.5
8	044.2	24.3	93.0	80.7	0.7	19.0	8	947.2	22.8	90.0	61.2	3.8	19.7
9	026.9	22.2	88.0	206.7	2.1	17.5	9	927.2	21.1	89.0	172.1	2.5	16.6
10	041.9	24.1	90.0	211.9	2.1	21.9	10	952.9	23.9	88.0	84.8	0.2	22.6



MAY 31, 1977 700 CDT								MAY 31, 1977 800 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MFI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MFI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	972.2	21.7	55.0	120.0	7.5	19.6		1	934.3	21.1	53.0	135.2	1.9	18.7	
2	920.4	18.5	59.0	74.1	5.7	16.6		2	921.8	20.0	100.0	90.9	6.8	17.7	
3	974.7	21.7	72.0	95.9	7.6	19.8		3	935.0	22.8	62.0	128.9	3.6	22.3	
4	977.7	21.1	67.0	97.5	7.5	19.7		4	939.4	20.6	61.0	117.1	2.8	20.0	
5	920.9	20.0	50.0	22.3	3.0	15.4		5	923.8	21.7	85.0	84.3	8.0	19.4	
6	977.0	22.2	85.0	78.1	4.9	19.4		6	939.4	22.2	83.0	102.2	3.8	20.6	
7	979.0	20.6	67.0	84.5	4.1	21.1		7	938.7	21.7	89.0	102.2	3.1	23.5	
8	969.6	23.9	85.0	74.7	4.7	19.9		8	949.2	23.3	83.0	84.8	3.0	19.9	
9	927.0	20.6	60.0	157.0	7.5	15.1		9	930.2	22.2	83.0	73.6	3.5	17.6	
10	957.7	23.7	92.0	54.4	3.9	21.8		10	954.3	23.9	83.0	128.6	2.5	22.8	

MAY 31, 1977 900 CDT								MAY 31, 1977 1000 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MFI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MFI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	974.6	21.7	54.0	179.7	2.1	21.2		1	934.6	22.8	50.0	49.7	7.3	21.4	
2	922.1	22.2	85.0	110.6	7.4	20.5		2	922.1	24.4	77.0	123.8	5.0	24.0	
3	975.7	25.6	52.0	153.7	3.4	24.2		3	925.3	24.4	47.0	153.1	3.8	27.8	
4	979.4	22.8	55.0	157.1	4.0	22.0		4	938.7	25.7	60.0	166.6	3.6	27.2	
5	924.9	23.9	75.0	116.4	7.3	20.4		5	925.5	26.7	66.0	128.4	5.9	23.7	
6	940.1	23.9	74.0	127.6	5.1	23.4		6	940.1	25.1	61.0	151.9	5.2	26.0	
7	979.7	23.9	70.0	123.8	4.0	25.7		7	938.7	25.6	68.0	154.0	4.4	27.5	
8	949.6	25.0	77.0	129.9	7.2	23.5		8	949.5	27.8	64.0	145.0	4.3	25.9	
9	970.9	25.0	62.0	119.5	3.9	20.4		9	931.5	26.7	60.0	118.0	3.4	24.5	
10	954.4	25.0	77.0	125.8	1.3	24.7		10	955.3	27.8	63.0	133.7	0.1	27.0	

MAY 31, 1977 1100 CDT								MAY 31, 1977 1200 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MFI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MFI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	937.4	23.5	42.0	65.2	7.4	22.4		1	937.4	25.0	41.0	90.0	6.0	24.5	
2	927.5	25.6	60.0	65.4	9.7	24.4		2	923.5	25.6	42.0	64.8	12.4	24.6	
3	937.4	25.5	72.0	57.1	7.5	24.6		3	937.7	26.1	39.0	77.3	8.3	25.8	
4	941.4	24.4	54.0	46.5	0.1	23.5		4	941.1	25.0	52.0	53.7	9.1	23.9	
5	925.5	27.9	49.0	156.9	5.0	26.5		5	927.2	28.9	46.0	98.6	6.6	27.9	
6	940.1	28.7	57.0	66.7	4.9	25.3		6	942.1	26.7	48.0	62.4	7.9	24.0	
7	940.4	27.2	57.0	144.2	3.9	29.9		7	940.4	27.8	54.0	58.7	7.0	27.5	
8	951.2	29.3	59.0	76.4	2.7	26.1		8	951.9	26.1	54.0	45.3	8.4	23.4	
9	921.7	28.9	49.0	149.6	7.9	24.5		9	931.6	31.1	43.0	151.5	3.6	29.4	
10	955.0	28.9	57.0	149.8	3.4	30.3		10	956.0	30.6	54.0	76.2	1.5	30.8	

MAY 31, 1977 1300 CDT								MAY 31, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	937.0	26.1	41.0	97.5	7.1	25.7	1	936.7	26.7	37.0	96.6	7.4	25.8		
2	923.5	25.0	43.0	81.0	10.3	24.1	2	923.1	26.1	49.0	84.0	9.6	25.2		
3	977.4	27.2	79.0	111.0	6.3	26.3	3	937.0	27.2	38.0	104.1	5.6	28.2		
4	940.7	26.1	43.0	73.6	8.6	26.4	4	940.1	27.2	46.0	82.1	8.2	27.3		
5	926.3	27.9	45.0	71.3	11.2	26.4	5	926.5	28.9	43.0	88.2	10.3	27.8		
6	942.1	26.7	49.0	69.1	7.9	25.1	6	941.8	27.8	47.0	74.3	7.3	26.5		
7	0.0	27.2	50.0	66.8	7.0	27.5	7	0.0	27.2	48.0	81.9	6.6	29.5		
8	952.3	29.3	49.0	52.2	8.7	24.9	8	951.9	28.9	49.0	67.5	6.1	26.5		
9	931.6	32.9	37.0	99.6	3.9	30.8	9	931.3	31.1	43.0	64.1	6.9	28.3		
10	955.4	29.3	59.0	46.9	2.3	27.1	10	955.3	29.4	53.0	44.1	3.8	28.0		

MAY 31, 1977 1500 CDT								MAY 31, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	934.3	27.2	39.0	104.3	5.9	25.7	1	935.7	28.3	35.0	102.1	5.2	27.8		
2	922.1	27.2	44.0	86.4	9.4	25.9	2	921.1	29.9	41.0	84.8	8.5	28.8		
3	934.3	27.9	40.0	89.6	5.4	29.1	3	935.3	29.4	37.0	99.5	4.5	29.0		
4	939.7	27.8	47.0	85.1	7.6	29.2	4	938.7	28.9	44.0	97.0	5.8	29.1		
5	925.5	30.0	39.0	100.6	8.4	30.2	5	925.8	30.6	39.0	106.7	6.9	29.8		
6	941.1	28.9	49.0	69.6	6.3	27.2	6	940.4	30.0	45.0	77.5	6.3	27.7		
7	0.0	29.9	47.0	99.4	6.2	30.5	7	0.0	29.4	47.0	90.5	4.7	30.6		
8	950.0	30.0	45.0	64.9	5.8	29.1	8	950.6	30.6	45.0	82.2	4.1	28.4		
9	930.6	32.2	41.0	77.0	5.9	29.2	9	929.9	32.8	39.0	81.4	5.0	29.7		
10	954.6	31.7	45.0	75.9	4.1	31.0	10	953.6	31.7	46.0	71.0	4.1	30.8		

MAY 31, 1977 1700 CDT								MAY 31, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	935.0	29.3	39.0	99.7	4.8	28.4	1	934.3	27.8	39.0	75.7	5.0	28.6		
2	930.4	29.4	40.0	95.1	6.3	28.5	2	920.1	29.4	40.0	101.3	5.2	29.6		
3	934.3	27.4	75.0	99.7	3.8	30.6	3	934.0	28.9	37.0	98.1	3.5	31.1		
4	939.0	29.4	41.0	96.5	4.5	30.1	4	937.4	30.0	41.0	88.1	3.7	30.2		
5	925.2	30.6	39.0	132.0	6.1	30.3	5	924.5	30.0	40.0	125.2	5.3	29.9		
6	939.7	30.6	43.0	103.4	4.9	29.5	6	939.7	30.6	43.0	87.4	3.5	29.5		
7	0.0	30.6	45.0	95.3	4.1	32.3	7	0.0	31.1	43.0	106.7	3.3	33.0		
8	940.5	30.6	45.0	101.8	2.9	29.1	8	948.9	31.1	45.0	80.8	2.7	29.6		
9	929.2	32.8	37.0	93.1	4.3	31.0	9	928.9	31.7	37.0	111.1	3.4	29.7		
10	952.6	30.2	43.0	74.6	3.5	31.9	10	951.6	32.8	42.0	81.0	2.7	32.4		

MAY 31, 1977 1900 CDT								MAY 31, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	933.6	26.7	40.0	77.1	3.7	26.1	1	933.6	26.1	50.0	53.3	3.3	24.4		
2	930.1	28.3	47.0	64.4	5.3	23.0	2	921.1	27.2	44.0	100.9	4.5	26.6		
3	934.0	27.4	40.0	90.5	7.2	29.4	3	935.0	26.1	44.0	77.6	3.3	28.6		
4	937.6	30.0	41.0	86.5	7.6	29.8	4	937.7	27.8	48.0	51.9	3.9	26.6		
5	923.5	29.2	42.0	108.6	4.9	30.0	5	924.8	27.8	46.0	111.0	4.6	29.2		
6	938.0	30.0	44.0	10.9	7.0	23.3	6	938.7	28.9	47.0	66.3	2.3	26.6		
7	0.0	31.1	41.0	130.1	7.2	32.4	7	0.0	30.0	43.0	120.0	2.5	30.6		
8	949.6	30.6	43.0	54.9	2.9	23.4	8	948.9	29.4	50.0	52.3	2.5	26.2		
9	929.0	31.1	38.0	137.8	7.4	28.5	9	929.2	30.6	41.0	140.3	1.9	28.1		
10	951.6	32.2	47.0	100.0	1.9	31.5	10	951.6	30.6	47.0	88.6	0.1	28.8		

MAY 31, 1977 2100 CDT								MAY 31, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	934.4	27.6	50.0	72.5	2.3	21.8	1	935.3	22.8	65.0	73.3	2.7	20.5		
2	921.4	25.0	50.0	62.5	5.7	24.6	2	922.1	23.3	56.0	64.3	7.1	22.8		
3	935.7	27.9	52.0	69.0	3.6	26.4	3	935.7	23.3	61.0	76.6	4.2	24.1		
4	939.4	28.6	50.0	40.6	5.1	23.3	4	939.0	24.4	64.0	46.2	5.2	22.5		
5	924.8	25.6	57.0	75.9	4.7	27.2	5	924.8	25.0	57.0	81.1	4.8	25.7		
6	930.0	27.8	57.0	77.0	1.9	24.5	6	939.7	25.6	63.0	53.7	5.3	22.3		
7	0.0	28.3	48.0	115.0	1.2	24.0	7	0.0	26.1	56.0	72.0	2.7	26.7		
8	940.5	28.0	53.0	57.1	2.1	23.0	8	949.9	26.1	67.0	42.0	5.4	22.3		
9	920.7	28.9	49.0	64.6	1.0	27.4	9	930.2	26.7	54.0	82.3	1.8	23.7		
10	953.7	28.3	57.0	45.1	1.5	25.9	10	954.3	27.8	68.0	20.0	2.8	25.3		

MAY 31, 1977 2300 CDT								MAY 31, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	935.7	28.2	55.0	71.1	3.2	19.8	1	936.3	21.1	67.0	72.3	2.6	19.2		
2	922.8	20.2	70.0	77.1	7.2	21.0	2	922.5	21.1	78.0	74.8	6.6	19.9		
3	936.7	22.2	64.0	65.2	7.0	23.2	3	936.7	21.7	67.0	71.1	3.7	22.6		
4	930.7	27.3	60.0	54.3	5.9	21.5	4	939.7	22.2	73.0	62.2	5.8	19.9		
5	925.5	22.2	67.0	73.3	6.2	23.5	5	925.2	21.1	75.0	84.4	6.5	21.4		
6	940.1	28.4	68.0	59.9	4.4	20.6	6	941.1	23.3	74.0	67.0	5.6	19.7		
7	0.0	25.0	54.0	64.4	3.0	24.9	7	0.0	23.9	72.0	74.6	4.3	23.9		
8	950.2	25.0	76.0	51.0	4.4	21.1	8	950.9	23.9	78.0	58.4	4.6	20.1		
9	930.6	25.1	60.0	96.8	0.9	22.4	9	930.9	25.0	64.0	78.4	1.9	22.1		
10	955.0	26.7	71.0	46.7	2.5	24.4	10	955.0	26.1	77.0	75.7	2.4	23.3		

JUNE 1. 1977 100 CDT								JUNE 1. 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	936.3	20.6	75.0	67.1	3.5	18.3		1	936.0	19.4	80.0	90.7	2.4	17.1	
2	922.8	20.0	92.0	92.0	7.6	18.9		2	922.8	19.4	88.0	93.4	6.6	18.3	
3	936.7	21.7	46.0	83.3	2.8	21.9		3	936.0	20.6	69.0	99.6	2.5	21.4	
4	979.7	22.2	70.0	60.8	4.9	19.5		4	939.4	21.1	74.0	64.3	4.6	18.9	
5	924.9	20.6	90.0	101.0	6.4	20.6		5	924.8	20.0	80.0	100.2	5.8	20.2	
6	941.1	22.2	79.0	69.1	4.4	19.1		6	941.1	22.2	77.0	72.4	3.9	18.7	
7	0.0	22.9	79.0	70.5	3.6	22.5		7	0.0	22.2	78.0	71.9	1.4	21.8	
8	950.0	22.9	78.0	54.1	3.7	19.1		8	950.6	23.9	76.0	52.2	3.2	19.1	
9	930.0	25.0	73.0	75.7	2.1	21.4		9	930.9	23.3	79.0	74.3	1.8	19.8	
10	955.0	22.9	73.0	99.5	2.3	21.5		10	954.6	23.3	75.0	93.6	1.1	20.4	

JUNE 1. 1977 300 CDT								JUNE 1. 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	935.7	19.4	80.0	93.2	1.7	17.1		1	935.7	18.9	80.0	104.6	1.2	16.9	
2	922.5	19.4	89.0	64.4	4.6	17.9		2	922.8	16.7	84.0	174.4	5.6	16.3	
3	935.3	20.6	71.0	73.7	2.5	20.9		3	935.0	18.9	79.0	69.5	2.0	20.1	
4	978.7	21.1	75.0	70.1	4.0	18.5		4	938.4	20.6	80.0	60.6	3.2	18.3	
5	923.9	20.0	80.0	101.4	4.1	19.7		5	924.1	15.6	79.0	75.8	3.4	18.8	
6	941.1	21.7	77.0	79.4	2.7	19.1		6	940.7	20.6	82.0	101.9	0.8	17.3	
7	0.0	21.1	78.0	64.1	2.2	21.0		7	0.0	20.6	81.0	46.0	1.2	20.3	
8	950.2	21.1	92.0	89.7	3.0	16.8		8	949.5	21.1	91.0	88.5	0.9	16.9	
9	930.2	22.8	83.0	55.3	1.9	18.7		9	930.2	21.7	84.0	91.3	1.0	18.0	
10	954.6	21.7	80.0	130.1	2.6	19.1		10	954.3	22.2	84.0	115.1	4.3	19.0	

JUNE 1. 1977 500 CDT								JUNE 1. 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	935.7	18.9	89.0	95.2	2.1	15.7		1	936.0	18.3	86.0	201.2	3.1	16.3	
2	922.8	16.1	89.0	719.9	3.6	15.0		2	922.5	17.2	85.0	318.6	5.3	15.2	
3	935.3	17.8	83.0	104.5	5.0	18.6		3	936.0	17.8	82.0	41.1	4.7	17.7	
4	938.4	20.6	40.0	26.1	2.4	17.8		4	938.7	19.4	89.0	79.4	2.5	17.1	
5	923.1	15.6	89.0	319.3	4.4	14.5		5	922.5	16.1	77.0	24.4	2.4	15.5	
6	940.1	20.6	84.0	77.9	1.1	15.9		6	940.1	20.0	87.0	42.2	3.3	16.1	
7	0.0	20.0	84.0	84.2	1.5	19.7		7	0.0	19.4	89.0	250.4	5.1	17.1	
8	940.5	20.6	91.0	79.0	0.6	16.4		8	949.5	20.6	92.0	59.8	1.8	16.7	
9	930.2	21.1	84.0	132.3	0.9	18.0		9	930.9	18.9	75.0	0.8	6.7	16.0	
10	954.3	22.2	86.0	90.7	2.7	19.1		10	954.6	21.7	86.0	85.9	1.1	19.5	

JUNE 1, 1977 700 CDT								JUNE 1, 1977 800 CDT							
STAT NO.	PRES MS	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MS	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	936.0	18.3	86.0	327.0	1.5	16.1		1	936.0	18.3	86.0	327.0	1.5	16.1	
2	922.5	16.7	97.0	101.0	7.0	14.9		2	922.5	16.7	97.0	101.0	7.0	14.9	
3	935.7	17.8	84.0	160.4	2.9	17.3		3	935.7	17.8	84.0	160.4	2.9	17.3	
4	939.4	18.9	89.0	51.4	1.1	16.7		4	939.4	18.9	89.0	51.4	1.1	16.7	
5	923.1	19.3	71.0	89.4	8.7	15.6		5	923.1	19.3	71.0	89.4	8.7	15.6	
6	941.1	18.3	94.0	249.3	1.6	14.9		6	941.1	18.3	94.0	249.3	1.6	14.9	
7	0.0	18.9	96.0	314.5	7.2	18.7		7	0.0	18.9	96.0	314.5	7.2	18.7	
8	950.9	20.0	92.0	317.4	2.0	15.8		8	950.9	20.0	92.0	317.4	2.0	15.8	
9	930.2	19.9	75.0	74.8	3.1	15.3		9	930.2	19.9	75.0	74.8	3.1	15.3	
10	955.6	21.7	87.0	309.1	1.4	17.5		10	955.6	21.7	87.0	309.1	1.4	17.5	

JUNE 1, 1977 900 CDT								JUNE 1, 1977 1000 CDT							
STAT NO.	PRES MS	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MS	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	935.7	19.9	82.0	224.8	2.1	17.4		1	936.0	20.0	72.0	113.1	2.3	20.1	
2	921.4	19.7	72.0	131.9	7.5	17.5		2	921.1	20.0	87.0	59.7	7.9	18.6	
3	935.7	20.0	72.0	107.1	2.0	17.7		3	935.3	23.3	58.0	90.3	2.6	21.4	
4	940.1	19.9	89.0	207.3	2.3	17.1		4	939.0	20.6	82.0	96.7	2.6	20.7	
5	923.1	21.1	55.0	96.6	6.4	17.8		5	922.8	25.0	35.0	126.4	4.0	22.6	
6	941.4	19.9	85.0	57.5	3.5	15.4		6	940.7	19.4	60.0	59.3	4.8	18.3	
7	0.0	19.9	67.0	241.6	2.8	19.5		7	0.0	18.9	72.0	136.9	3.5	20.7	
8	951.2	20.0	90.0	297.7	2.0	15.5		8	950.2	20.6	89.0	45.7	2.6	17.2	
9	929.0	21.1	58.0	8.4	5.2	17.9		9	930.6	21.7	65.0	180.4	2.8	19.1	
10	955.6	19.4	91.0	26.5	0.3	16.7		10	956.0	19.4	85.0	352.3	4.0	17.2	

JUNE 1, 1977 1100 CDT								JUNE 1, 1977 1200 CDT							
STAT NO.	PRES MS	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MS	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	935.7	22.2	55.0	117.3	2.4	23.3		1	935.3	25.0	47.0	58.4	2.6	25.2	
2	920.8	21.7	84.0	70.8	9.5	21.0		2	921.4	25.6	92.0	155.2	2.9	27.1	
3	934.4	24.1	43.0	59.1	7.9	24.3		3	934.0	28.3	37.0	68.4	3.9	27.6	
4	930.9	22.8	74.0	60.8	4.6	21.8		4	933.0	25.6	63.0	77.3	5.2	24.0	
5	937.9	25.6	44.0	65.0	6.1	23.5		5	924.5	28.9	30.0	92.1	4.0	27.0	
6	939.4	21.7	69.0	65.2	6.7	21.3		6	934.7	26.7	48.0	62.5	3.4	25.6	
7	0.0	19.4	80.0	89.4	3.9	22.1		7	0.0	22.2	72.0	110.1	1.8	26.7	
8	940.2	22.8	94.0	73.3	4.0	19.5		8	949.2	25.6	71.0	70.1	5.7	23.2	
9	920.9	27.3	61.0	174.5	3.3	20.6		9	929.9	26.1	45.0	154.2	2.8	24.6	
10	954.4	20.0	86.0	295.7	2.2	17.4		10	953.3	21.1	86.0	105.8	0.5	19.7	

JUNE 1, 1977 1300 CDT								JUNE 1, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	934.6	25.1	38.0	75.0	3.1	27.5		1	934.0	27.8	40.0	65.2	2.3	28.9	
2	921.1	26.7	40.0	198.8	2.1	28.4		2	920.1	28.9	40.0	178.4	4.0	30.3	
3	934.3	29.4	37.0	138.5	2.5	31.0		3	933.6	30.0	32.0	126.3	2.7	32.2	
4	937.4	27.2	56.0	64.4	4.7	27.2		4	937.0	29.4	38.0	65.7	3.2	29.0	
5	924.8	20.4	25.0	154.1	3.2	30.5		5	924.5	31.1	25.0	178.2	2.9	32.0	
6	919.4	28.3	47.0	103.5	3.7	29.0		6	938.7	30.0	42.0	123.4	2.7	29.5	
7	0.0	25.6	55.0	94.2	2.7	29.8		7	0.0	27.2	48.0	69.2	2.6	30.3	
8	940.2	27.8	55.0	64.3	4.4	26.0		8	948.9	29.4	41.0	97.2	2.7	29.4	
9	929.6	29.9	34.0	100.6	1.5	28.0		9	929.2	31.1	32.0	101.9	2.5	31.1	
10	953.7	26.1	73.0	103.9	1.1	25.7		10	952.9	26.7	55.0	223.1	1.3	27.5	

JUNE 1, 1977 1500 CDT								JUNE 1, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	937.6	29.9	37.0	112.1	2.3	29.9		1	933.0	30.0	29.0	105.8	2.4	29.9	
2	910.4	29.4	77.0	195.1	3.2	31.5		2	918.4	30.6	34.0	161.4	3.1	32.9	
3	917.7	30.6	31.0	113.9	1.7	33.6		3	932.3	31.1	28.0	59.3	1.4	34.2	
4	936.7	30.6	34.0	50.5	3.0	30.4		4	935.7	31.1	31.0	70.2	2.6	32.1	
5	924.5	31.7	24.0	195.7	1.9	34.1		5	924.5	31.7	24.0	105.1	2.5	32.5	
6	938.7	30.6	36.0	90.6	2.2	30.0		6	938.0	31.1	29.0	167.7	2.3	31.9	
7	0.0	29.3	47.0	159.0	2.1	32.2		7	0.0	30.0	43.0	23.0	2.3	33.8	
8	948.5	30.6	35.0	96.5	2.4	30.3		8	947.9	31.7	28.0	132.5	1.1	31.9	
9	928.6	32.8	27.0	97.8	3.0	31.6		9	927.5	32.8	28.0	135.2	3.1	31.7	
10	952.7	28.9	48.0	227.9	0.3	30.0		10	951.2	30.0	47.0	41.3	2.4	30.0	

JUNE 1, 1977 1700 CDT								JUNE 1, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	971.9	30.6	30.0	157.0	2.4	30.9		1	930.9	30.6	29.0	139.1	2.7	30.2	
2	917.7	30.6	32.0	112.0	2.3	32.5		2	916.7	30.6	28.0	94.7	3.0	33.1	
3	931.0	31.1	27.0	101.6	2.7	32.7		3	931.3	31.1	28.0	138.8	1.6	32.8	
4	935.0	32.2	30.0	107.1	2.7	32.9		4	934.3	32.2	29.0	158.0	3.0	33.1	
5	922.4	32.2	33.0	101.4	3.5	33.2		5	922.1	31.7	24.0	58.3	4.7	32.0	
6	937.0	31.7	34.0	145.6	3.4	30.8		6	936.7	31.7	34.0	137.7	3.4	30.3	
7	0.0	30.6	40.0	67.4	2.1	34.3		7	0.0	31.1	36.0	120.2	3.9	32.7	
8	947.7	32.2	28.0	89.5	1.8	32.0		8	946.8	31.7	39.0	161.1	3.2	30.4	
9	927.2	32.2	29.0	111.6	3.3	31.4		9	926.5	32.2	32.0	134.5	4.0	30.3	
10	950.9	30.6	45.0	113.7	4.0	33.3		10	950.2	30.6	43.0	126.2	2.4	31.4	

JUNE 1, 1977													
2000 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	PH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	970.4	30.0	29.0	122.5	2.4	29.8	1	930.2	29.4	44.0	119.3	1.7	28.4
2	976.4	30.0	29.0	124.6	4.6	30.4	2	915.4	28.9	31.0	103.8	4.9	29.6
3	970.9	28.4	26.0	135.8	2.5	32.4	3	930.9	26.7	45.0	146.0	2.3	28.8
4	974.0	31.7	32.0	162.8	4.0	30.7	4	938.0	30.0	33.0	155.8	2.6	28.7
5	971.4	30.1	39.0	60.5	4.7	30.9	5	921.1	28.3	32.0	101.9	4.5	29.8
6	976.0	31.1	39.0	170.1	7.9	29.3	6	935.7	30.0	45.0	127.1	2.6	26.7
7	0.0	30.6	35.0	103.3	3.6	31.3	7	0.0	30.0	40.0	117.5	2.6	29.9
8	944.2	30.6	47.0	146.3	3.2	29.1	8	945.8	29.4	50.0	150.9	1.5	28.1
9	976.2	32.2	31.0	120.0	3.6	30.0	9	926.2	30.0	40.0	135.0	3.4	28.0
10	946.5	30.6	45.0	66.1	0.4	30.5	10	949.5	29.4	48.0	115.5	2.1	29.7

JUNE 1, 1977													
2200 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	PH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	970.2	25.7	54.0	170.0	1.7	22.9	1	970.6	24.4	64.0	134.3	1.5	21.5
2	976.7	27.2	37.0	113.9	3.6	27.0	2	917.4	24.4	44.0	115.4	3.2	24.7
3	970.9	24.4	47.0	172.9	1.5	25.8	3	931.3	23.9	60.0	180.0	2.1	23.9
4	974.0	25.7	51.0	194.9	1.7	24.6	4	934.3	23.9	63.0	188.6	1.5	23.1
5	971.1	24.1	45.0	103.9	4.8	27.1	5	921.4	24.4	51.0	132.4	4.0	24.6
6	975.7	27.8	69.0	132.0	2.2	23.1	6	936.0	24.4	72.0	141.9	2.2	21.2
7	0.0	27.8	50.0	139.6	1.5	25.6	7	0.0	25.0	63.0	172.7	1.6	24.0
8	965.2	27.8	67.0	176.8	0.6	23.8	8	945.2	26.1	80.0	188.7	0.6	21.6
9	974.6	27.2	49.0	178.5	2.5	23.6	9	926.9	24.4	56.0	136.8	1.7	20.9
10	946.5	27.2	50.0	157.3	3.3	25.2	10	950.2	24.4	73.0	187.7	0.8	23.1

JUNE 1, 1977													
2400 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	PH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	970.3	23.9	69.0	173.1	1.5	19.7	1	931.3	22.2	75.0	199.3	1.7	18.4
2	977.7	27.3	55.0	149.1	7.7	23.3	2	919.1	22.2	61.0	154.7	3.4	22.0
3	971.0	27.3	52.0	191.0	2.6	23.2	3	931.9	23.3	60.0	184.4	3.2	22.5
4	974.4	22.3	57.0	185.8	1.7	21.7	4	935.0	22.2	73.0	188.8	1.9	20.7
5	971.4	22.3	53.0	152.2	7.2	23.1	5	921.1	21.7	57.0	166.1	3.1	21.5
6	976.0	23.3	74.0	159.3	1.5	20.0	6	935.7	22.2	81.0	177.9	1.6	19.0
7	0.0	23.3	71.0	197.1	2.2	22.6	7	0.0	22.8	72.0	185.3	1.4	21.6
8	944.2	24.4	92.0	152.1	0.7	17.9	8	946.5	23.3	84.0	131.0	0.4	19.1
9	977.2	23.3	65.0	130.4	1.5	19.3	9	927.5	22.8	66.0	142.2	1.4	18.7
10	946.0	23.9	77.0	193.0	2.8	21.8	10	950.6	22.8	81.0	234.9	3.7	20.6

JUNE 2, 1977  
200 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	931.7	21.7	74.0	171.5	1.3	19.0	1	931.6	21.1	79.0	119.0	1.4	16.8
2	918.1	21.1	68.0	155.6	2.7	20.2	2	919.4	20.0	75.0	155.6	2.1	18.6
3	931.9	23.3	55.3	197.9	3.2	22.5	3	931.9	21.1	67.0	241.6	1.3	22.0
4	935.0	21.1	79.3	203.1	1.5	20.1	4	935.0	20.6	81.0	177.5	1.5	18.8
5	920.8	21.1	62.0	173.8	2.7	20.2	5	920.8	20.0	64.0	182.6	2.6	19.0
6	936.7	21.1	94.0	195.1	1.6	17.7	6	936.7	20.6	86.0	205.1	1.6	17.4
7	0.0	21.7	79.0	204.6	1.8	20.9	7	0.0	21.1	79.0	219.3	1.5	19.9
8	946.5	22.8	99.0	174.1	0.2	17.7	8	946.5	21.7	89.0	143.1	0.4	17.0
9	927.2	22.2	68.0	166.6	1.3	18.1	9	927.2	21.7	67.0	158.7	1.4	17.9
10	950.9	22.8	70.0	194.1	4.3	21.0	10	950.9	21.7	83.0	129.0	0.8	19.8

JUNE 2, 1977  
400 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	931.6	20.0	91.0	155.6	1.4	16.7	1	931.6	20.0	81.0	243.4	0.5	15.4
2	918.4	19.9	90.0	150.5	2.4	19.1	2	918.4	17.8	85.0	171.7	2.0	17.2
3	931.9	21.1	70.0	140.2	0.3	19.7	3	931.6	21.1	64.0	190.2	2.8	19.8
4	935.0	20.0	93.0	203.1	1.5	17.8	4	935.0	18.9	86.0	209.5	1.8	17.0
5	920.4	19.4	65.0	174.7	2.3	18.5	5	920.1	18.3	70.0	173.5	2.4	17.9
6	936.7	20.0	95.0	190.4	1.9	17.0	6	936.7	19.4	87.0	158.9	1.6	15.7
7	0.0	20.5	92.0	219.1	1.4	19.0	7	0.0	19.4	85.0	103.1	0.1	17.2
8	946.5	21.1	92.0	221.6	0.1	16.5	8	946.2	20.6	90.0	112.8	0.4	16.3
9	927.2	21.7	59.0	130.3	2.1	17.6	9	927.2	21.1	73.0	199.8	1.5	17.0
10	950.9	21.1	83.0	127.3	2.2	19.1	10	950.9	20.0	87.0	227.0	3.7	18.1

JUNE 2, 1977  
500 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	931.7	19.9	94.0	210.8	1.7	14.6	1	931.3	18.3	77.0	221.2	1.7	14.9
2	918.1	17.9	95.0	177.0	2.5	17.1	2	918.1	17.2	88.0	179.6	0.9	16.5
3	931.3	20.6	61.0	219.4	2.6	20.5	3	931.3	20.6	64.0	232.1	2.6	19.9
4	934.4	17.8	99.0	197.6	2.7	15.5	4	934.3	17.8	89.0	225.6	1.3	16.1
5	920.4	19.3	74.0	134.0	3.1	17.5	5	919.4	17.2	79.0	181.1	3.1	17.1
6	936.7	13.9	99.0	177.3	1.9	15.0	6	936.3	18.3	87.0	194.5	2.0	15.6
7	0.0	19.3	89.0	226.0	2.6	17.7	7	0.0	18.9	84.0	217.0	1.7	18.2
8	946.2	20.0	90.0	234.7	0.3	15.1	8	946.2	18.9	90.0	133.0	0.4	14.7
9	926.9	21.1	75.0	200.6	2.0	17.6	9	926.9	20.0	81.0	182.0	1.3	15.9
10	940.6	20.0	85.0	179.3	0.2	17.9	10	950.6	19.4	87.0	285.1	0.5	18.1



JUNE 2, 1977 700 CDT								JUNE 2, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.3	19.9	73.0	201.4	1.7	15.1		1	931.3	21.7	66.0	206.1	1.4	19.4	
2	919.4	16.7	90.0	177.1	0.8	15.5		2	919.4	17.8	89.0	236.7	2.0	19.1	
3	931.6	19.4	74.0	359.4	0.9	13.5		3	931.9	22.2	64.0	164.3	1.1	22.3	
4	934.3	17.8	90.0	225.3	1.5	15.8		4	934.6	18.3	89.0	177.9	1.8	18.2	
5	919.4	19.3	92.0	199.3	2.3	15.0		5	919.7	21.7	72.0	203.8	3.3	18.7	
6	935.0	19.9	91.0	4.6	1.0	15.8		6	936.0	18.9	88.0	61.4	1.4	18.6	
7	0.0	19.9	95.0	216.3	0.9	13.8		7	0.0	18.9	85.0	216.2	2.5	21.4	
8	944.3	19.9	90.0	135.1	0.5	14.9		8	945.5	20.6	83.0	82.2	0.9	18.3	
9	925.9	18.9	94.0	202.8	1.5	15.3		9	927.2	20.6	82.0	185.4	2.0	18.2	
10	950.9	19.4	94.0	337.1	1.6	19.1		10	951.2	21.1	81.0	231.6	2.1	22.0	

JUNE 2, 1977 900 CDT								JUNE 2, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.6	22.9	57.0	137.4	2.0	23.3		1	931.9	25.6	51.0	185.1	2.1	25.6	
2	919.7	21.1	74.0	207.6	3.2	22.7		2	919.7	23.9	61.0	208.5	3.4	26.2	
3	932.7	24.4	53.0	214.1	1.4	24.9		3	932.3	25.7	51.0	176.3	2.3	27.9	
4	935.0	21.7	73.0	233.7	1.8	23.4		4	935.3	26.1	57.0	199.6	3.1	26.8	
5	920.4	25.0	57.0	202.6	2.9	23.4		5	921.1	27.8	39.0	213.7	3.1	27.8	
6	936.7	23.3	71.0	105.3	1.0	21.4		6	937.0	25.6	65.0	118.5	1.3	26.1	
7	0.0	21.7	77.0	149.4	2.0	25.2		7	0.0	24.4	65.0	195.7	1.3	29.5	
8	946.5	22.7	71.0	152.9	1.4	22.3		8	946.8	26.1	62.0	172.2	1.5	26.0	
9	927.5	22.3	62.0	204.1	2.5	23.4		9	927.5	27.8	47.0	193.3	2.8	27.2	
10	951.2	22.9	71.0	264.5	3.1	24.8		10	951.2	26.1	62.0	12.5	4.2	25.8	

JUNE 2, 1977 1100 CDT								JUNE 2, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.7	29.3	49.0	124.2	2.3	29.0		1	930.6	30.6	32.0	205.7	2.4	31.9	
2	919.4	25.7	45.0	195.9	2.8	29.6		2	919.4	30.0	31.0	155.4	2.4	32.8	
3	931.9	29.4	44.0	190.8	2.2	30.3		3	931.9	31.1	35.0	139.7	1.8	33.8	
4	935.0	28.3	50.0	197.7	3.5	29.5		4	935.0	30.6	34.0	156.2	1.7	31.7	
5	921.9	30.5	31.0	241.5	1.6	32.3		5	922.1	31.7	25.0	212.3	2.4	33.8	
6	937.0	27.9	54.0	136.7	2.0	29.5		6	936.3	30.6	44.0	129.3	2.0	30.9	
7	0.0	27.2	55.0	149.4	1.4	32.3		7	0.0	29.4	42.0	164.3	1.7	34.8	
8	946.5	29.3	54.0	152.7	2.3	27.8		8	946.8	30.6	40.0	149.5	1.6	30.1	
9	927.5	30.0	39.0	199.6	2.1	30.5		9	927.2	32.8	25.0	110.5	2.1	33.4	
10	950.2	27.8	53.0	40.0	1.7	27.5		10	950.2	30.0	43.0	63.6	4.0	30.5	

JUNE 2, 1977 1300 CDT								JUNE 2, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.2	31.7	31.0	179.5	2.3	33.5		1	929.9	32.8	27.0	177.5	2.9	33.4	
2	917.4	32.8	27.0	117.4	3.4	34.0		2	916.7	33.3	20.0	161.4	4.5	34.9	
3	971.7	32.2	30.0	134.3	2.1	33.8		3	930.6	32.8	27.0	138.4	3.4	34.9	
4	974.7	31.7	30.0	155.3	2.6	32.7		4	934.0	32.8	27.0	155.2	2.8	999.9	
5	922.5	32.8	24.0	175.1	3.0	34.2		5	922.5	33.9	22.0	153.8	4.0	35.5	
6	974.0	32.2	33.0	170.6	2.0	32.7		6	925.3	33.3	26.0	103.5	2.1	32.9	
7	0.0	31.1	32.0	172.3	2.2	35.5		7	0.0	32.2	27.0	101.4	2.6	35.3	
8	946.5	32.2	27.0	137.5	1.8	32.6		8	946.2	33.9	19.0	142.2	2.4	33.7	
9	926.0	33.9	20.0	92.5	2.7	33.0		9	925.2	34.4	22.0	150.2	2.7	34.1	
10	940.0	31.7	20.0	44.9	2.1	32.5		10	949.2	32.8	30.0	66.2	0.5	33.3	

JUNE 2, 1977 1500 CDT								JUNE 2, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.6	33.9	24.0	167.0	3.7	34.5		1	928.6	33.9	24.0	193.0	3.5	35.1	
2	916.4	34.4	19.0	103.9	6.0	35.1		2	915.7	34.4	19.0	141.2	4.4	35.7	
3	930.2	33.3	27.0	88.7	3.5	35.3		3	929.9	33.3	21.0	122.8	3.5	35.5	
4	933.6	33.3	26.0	139.6	3.8	999.9		4	933.0	33.3	25.0	163.2	4.8	999.9	
5	922.5	34.4	22.0	156.8	3.9	35.8		5	922.1	34.4	21.0	124.2	6.0	35.0	
6	935.0	33.9	20.0	105.3	3.9	33.4		6	974.6	33.9	25.0	119.8	3.5	33.4	
7	0.0	32.8	24.0	97.9	3.5	35.6		7	0.0	33.9	24.0	124.5	3.2	36.0	
8	945.5	34.4	20.0	141.2	3.3	32.8		8	945.1	35.0	20.0	148.0	3.1	32.9	
9	925.8	35.0	21.0	99.6	3.2	34.7		9	925.2	35.6	20.0	128.2	3.2	34.9	
10	948.5	33.9	20.0	92.9	3.3	34.2		10	947.9	34.4	23.0	96.4	2.5	35.1	

JUNE 2, 1977 1700 CDT								JUNE 2, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.2	33.9	23.0	150.0	4.3	34.9		1	927.9	33.9	23.0	174.1	4.2	34.0	
2	915.7	35.0	19.0	121.6	6.2	35.4		2	914.7	33.9	19.0	130.8	6.0	34.5	
3	920.6	33.3	19.0	147.1	4.6	35.0		3	928.9	32.8	19.0	149.0	4.4	35.1	
4	932.7	33.3	25.0	157.6	4.8	999.9		4	931.9	32.8	24.0	171.3	4.6	999.9	
5	971.4	34.4	21.0	119.5	5.9	35.5		5	921.1	33.9	21.0	149.9	5.3	35.1	
6	974.0	33.9	25.0	124.4	3.9	33.0		6	933.6	33.9	26.0	114.5	4.1	32.6	
7	0.0	34.4	23.0	101.3	3.7	35.6		7	0.0	34.4	23.0	108.0	3.9	35.8	
8	944.9	35.0	21.0	140.3	2.9	33.3		8	944.1	35.0	21.0	134.2	3.4	32.6	
9	924.5	35.5	19.0	141.5	3.1	34.5		9	924.1	35.6	19.0	123.4	3.5	34.0	
10	947.5	34.4	20.0	74.3	1.7	34.7		10	947.2	34.4	22.0	79.9	1.2	34.7	

JUNE 2, 1977 1900 CDT								JUNE 2, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	927.0	32.2	28.0	172.7	4.5	33.1	1	929.2	28.9	40.0	174.0	3.1	29.7		
2	914.7	33.3	21.0	131.7	5.7	33.5	2	915.3	32.2	23.0	137.7	5.6	32.8		
3	925.6	32.2	23.0	150.6	4.5	34.3	3	929.9	29.9	30.0	135.9	3.2	33.1		
4	931.6	31.7	26.0	155.8	4.9	32.7	4	931.6	29.4	30.0	158.5	3.6	30.9		
5	920.9	33.3	23.0	154.2	5.7	34.0	5	920.8	32.2	25.0	147.5	5.3	32.8		
6	933.3	33.3	24.0	114.5	5.0	31.3	6	933.6	31.1	33.0	107.7	4.1	29.2		
7	0.0	33.0	23.0	107.9	4.3	34.7	7	0.0	33.3	24.0	116.0	2.9	34.0		
8	943.8	33.9	21.0	110.3	4.5	31.5	8	943.8	33.3	21.0	96.3	3.5	30.3		
9	924.1	35.0	23.0	125.6	3.8	33.1	9	924.1	33.9	24.0	149.3	3.7	31.7		
10	944.8	32.5	24.0	91.9	0.4	34.1	10	947.2	30.6	27.0	111.2	4.1	32.9		

JUNE 2, 1977 2100 CDT								JUNE 2, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	925.0	24.1	40.0	139.4	1.9	25.2	1	929.6	24.4	56.0	190.4	1.8	22.4		
2	915.7	23.0	29.0	119.2	4.7	29.9	2	916.7	26.7	29.0	114.1	4.2	25.9		
3	920.2	25.6	41.0	150.9	2.5	29.0	3	929.9	24.4	44.0	159.0	2.3	25.3		
4	932.7	25.6	36.0	157.1	2.9	26.8	4	932.5	25.0	44.0	154.4	2.8	24.8		
5	920.2	30.0	30.0	149.4	4.0	30.0	5	920.8	26.7	37.0	154.8	3.3	27.3		
6	934.0	27.6	42.0	102.4	2.4	24.8	6	934.6	23.9	63.0	116.9	2.3	21.5		
7	0.0	31.1	31.0	121.0	1.9	27.8	7	0.0	27.8	40.0	140.9	1.9	24.8		
8	947.9	27.6	33.0	143.5	0.6	25.9	8	944.1	27.2	58.0	171.0	0.1	21.9		
9	924.5	27.6	31.0	142.0	1.9	25.7	9	924.8	27.2	37.0	145.7	1.6	24.1		
10	947.5	27.2	35.0	115.1	2.4	29.4	10	948.2	25.6	41.0	137.3	1.1	26.7		

JUNE 2, 1977 2300 CDT								JUNE 2, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		
1	930.2	27.3	57.0	152.2	1.2	21.1	1	930.6	22.2	64.0	310.2	1.1	20.5		
2	917.4	25.6	35.0	121.8	6.3	25.2	2	917.7	23.9	41.0	128.3	3.1	23.0		
3	930.6	27.3	50.0	199.9	1.2	22.7	3	930.9	22.8	53.0	178.8	2.7	22.9		
4	933.4	27.3	56.0	140.5	3.0	23.4	4	933.6	22.8	62.0	151.4	3.1	22.5		
5	920.9	25.0	41.0	148.9	3.3	25.1	5	920.8	23.3	45.0	144.9	3.2	23.3		
6	935.7	23.9	57.0	129.2	2.9	21.5	6	935.7	22.8	64.0	155.2	1.9	19.6		
7	0.0	24.4	47.0	147.8	2.0	24.0	7	0.0	23.9	51.0	142.8	1.4	22.7		
8	944.8	25.0	71.0	123.8	1.1	23.8	8	945.1	23.9	72.0	110.3	0.9	19.0		
9	925.5	24.1	43.0	140.8	2.0	22.9	9	925.8	23.3	56.0	119.7	1.1	20.3		
10	949.2	24.4	49.0	93.8	3.6	24.6	10	949.5	24.4	61.0	146.5	1.3	23.1		

***** JUNE 3, 1977 *****												
***** 100 CDT *****												
STAT	NO.	PRES	TEMP	(A+M)	RH	DIR	SPEED	(MRI)	TEMP	DIR	SPEED	(MRI)
		MB	DG C	TEMP	PCT	DG	M/SEC	TEMP	DG C	DG	M/SEC	TEMP
												DG C
I	1	931.3	22.2	22.2	64.0	342.7	2.4	19.7	19.7			20.3
I	2	917.7	22.2	22.2	45.0	148.1	2.9	21.3	21.3	144.6	2.4	20.3
I	3	930.9	21.1	21.1	53.0	178.4	1.9	21.4	21.4	183.5	1.4	20.9
I	4	934.0	21.7	21.7	54.0	149.0	3.1	21.5	21.5	170.0	3.0	20.8
I	5	920.9	22.2	22.2	49.0	141.3	3.2	21.7	21.7	159.0	3.8	20.5
I	6	935.7	21.1	21.1	71.0	171.6	1.4	19.3	19.3	138.6	2.0	18.2
I	7	0.0	23.9	23.9	34.0	149.9	1.3	21.4	21.4	152.8	1.3	19.4
I	8	945.1	22.6	22.6	81.0	121.5	0.5	17.8	17.8	173.5	0.7	17.8
I	9	926.2	22.8	22.8	52.0	110.9	1.3	19.4	19.4	127.3	1.6	19.4
I	10	949.5	23.3	23.3	31.0	151.9	2.5	23.1	23.1	170.6	3.4	23.6

***** JUNE 3, 1977 *****												
***** 400 CDT *****												
STAT	NO.	PRES	TEMP	(A+M)	RH	DIR	SPEED	(MRI)	TEMP	DIR	SPEED	(MRI)
		MB	DG C	TEMP	PCT	DG	M/SEC	TEMP	DG C	DG	M/SEC	TEMP
												DG C
I	1	931.3	18.9	18.9	78.0	288.5	1.6	17.8	17.8			17.8
I	2	919.1	19.4	19.4	63.0	130.6	2.1	18.6	18.6	130.6	2.1	18.6
I	3	931.3	18.3	18.3	77.0	261.1	0.8	18.0	18.0	261.1	0.8	18.0
I	4	934.3	18.9	18.9	83.0	146.5	1.6	17.5	17.5	146.5	1.6	17.5
I	5	920.1	20.0	20.0	82.0	174.8	2.6	19.3	19.3	174.8	2.6	19.3
I	6	935.7	20.0	20.0	78.0	137.5	0.9	16.9	16.9	137.5	0.9	16.9
I	7	0.0	20.0	20.0	70.0	151.4	0.3	16.7	16.7	151.4	0.3	16.7
I	8	945.1	21.1	21.1	84.0	80.0	0.3	16.7	16.7	80.0	0.3	16.7
I	9	926.2	21.1	21.1	70.0	130.8	1.2	18.2	18.2	130.8	1.2	18.2
I	10	949.5	22.8	22.8	66.0	170.0	2.5	22.2	22.2	170.0	2.5	22.2

***** JUNE 3, 1977 *****												
***** 600 CDT *****												
STAT	NO.	PRES	TEMP	(A+M)	RH	DIR	SPEED	(MRI)	TEMP	DIR	SPEED	(MRI)
		MB	DG C	TEMP	PCT	DG	M/SEC	TEMP	DG C	DG	M/SEC	TEMP
												DG C
I	1	931.6	17.8	17.8	85.0	347.2	1.3	16.9	16.9			16.9
I	2	918.7	18.3	18.3	71.0	149.3	1.8	17.1	17.1	149.3	1.8	17.1
I	3	931.6	17.8	17.8	78.0	53.7	0.6	18.3	18.3	53.7	0.6	18.3
I	4	924.3	18.3	18.3	85.0	183.9	2.3	17.4	17.4	183.9	2.3	17.4
I	5	920.1	17.2	17.2	72.0	154.5	1.4	16.0	16.0	154.5	1.4	16.0
I	6	936.3	18.3	18.3	87.0	162.8	1.4	15.5	15.5	162.8	1.4	15.5
I	7	0.0	18.9	18.9	79.0	165.7	0.1	17.1	17.1	165.7	0.1	17.1
I	8	945.5	20.0	20.0	91.0	207.6	0.2	15.4	15.4	207.6	0.2	15.4
I	9	926.5	19.4	19.4	79.0	148.5	1.2	16.1	16.1	148.5	1.2	16.1
I	10	950.2	21.7	21.7	73.0	131.6	1.0	21.1	21.1	131.6	1.0	21.1

JUNE 3, 1977  
800 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	932.3	22.2	68.0	167.1	0.7	21.6
2	919.7	18.3	76.0	129.5	1.3	18.9
3	932.5	21.7	72.0	138.8	0.4	21.9
4	935.7	22.2	75.0	175.9	3.1	21.4
5	920.4	16.7	78.0	176.5	2.9	19.4
6	937.0	19.4	81.0	119.3	2.3	17.6
7	0.0	17.9	85.0	71.0	0.6	20.6
8	945.5	21.1	82.0	119.1	0.8	18.9
9	927.9	21.7	72.0	145.8	2.1	19.2
10	951.6	24.4	72.0	154.3	4.2	24.4

JUNE 3, 1977  
1000 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	932.3	26.7	55.0	201.1	4.8	26.0
2	920.1	24.4	62.0	182.5	4.2	26.3
3	933.0	26.7	53.0	192.7	3.7	27.7
4	935.3	25.1	60.0	189.7	5.3	26.1
5	922.8	23.9	61.0	195.3	4.0	25.8
6	937.7	25.6	62.0	165.6	3.6	24.6
7	0.0	24.4	70.0	174.6	2.9	29.0
8	947.5	26.7	60.0	159.2	3.3	24.2
9	927.9	26.1	56.0	185.6	4.0	26.4
10	951.9	28.9	56.0	141.2	1.7	29.3

JUNE 3, 1977  
1200 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	931.9	30.6	39.0	193.7	3.4	30.8
2	919.4	30.0	41.0	147.5	4.9	30.4
3	933.0	30.0	36.0	176.3	3.7	31.8
4	936.0	29.4	48.0	178.3	4.6	30.2
5	924.1	28.9	40.0	149.2	4.7	30.8
6	937.4	31.1	46.0	165.6	3.8	29.3
7	0.0	29.4	48.0	170.0	3.1	33.5
8	947.5	28.9	53.0	143.2	4.1	28.4
9	927.9	30.0	39.0	133.8	4.1	30.4
10	950.9	31.7	42.0	151.8	3.5	32.6

JUNE 3, 1977  
700 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	931.9	19.6	74.0	270.9	1.4	15.2
2	919.1	17.2	74.0	155.4	1.8	14.7
3	931.9	19.6	75.0	201.1	0.2	17.2
4	935.0	19.4	91.0	181.1	2.5	19.0
5	920.1	15.6	75.0	107.7	1.2	15.9
6	934.7	17.9	93.0	120.0	1.3	15.5
7	0.0	17.0	71.0	212.8	0.5	15.0
8	945.8	17.4	90.0	179.3	0.2	15.5
9	924.9	17.4	90.0	132.5	1.4	15.7
10	950.9	21.0	74.0	147.0	2.4	20.9

JUNE 3, 1977  
300 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	932.6	25.0	50.0	185.8	4.0	23.9
2	920.1	23.6	70.0	175.1	2.0	23.3
3	937.0	23.9	61.0	93.1	1.0	25.4
4	935.0	24.4	47.0	189.6	4.5	24.4
5	922.1	23.4	73.0	124.2	4.5	22.5
6	937.7	23.3	71.0	165.2	7.0	21.4
7	0.0	23.0	91.0	151.3	1.0	25.7
8	945.8	24.4	71.0	174.5	2.5	21.5
9	927.9	23.3	65.0	143.5	7.4	23.4
10	951.4	24.1	65.0	159.6	7.0	25.9

JUNE 3, 1977  
1100 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	932.3	24.3	49.0	193.0	7.9	28.2
2	919.7	27.2	57.0	170.1	4.5	29.3
3	937.0	24.3	44.0	173.1	7.8	30.1
4	945.3	24.2	54.0	183.1	4.5	29.5
5	927.9	24.1	52.0	143.0	7.9	29.0
6	937.7	24.9	55.0	153.8	7.0	27.4
7	0.0	25.7	53.0	160.0	7.0	31.3
8	947.5	24.3	56.0	147.8	3.5	29.1
9	927.9	24.9	45.0	176.0	7.7	29.7
10	951.3	20.6	50.0	177.7	0.3	31.4

JUNE 3, 1977 1300 CDT								JUNE 3, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.6	31.7	34.0	176.2	3.5	31.6		1	931.3	32.2	33.0	162.5	4.3	32.6	
2	918.7	31.7	32.0	149.8	5.6	32.1		2	918.1	32.8	30.0	162.6	6.0	32.9	
3	931.9	31.1	33.0	174.7	4.5	32.7		3	931.6	32.2	30.0	146.9	4.6	33.7	
4	935.7	30.6	45.0	172.5	4.9	31.3		4	935.3	31.7	40.0	176.1	4.8	31.9	
5	923.9	30.0	34.0	151.0	5.8	30.7		5	923.8	31.7	32.0	179.9	5.6	31.6	
6	936.7	32.2	39.0	144.9	4.8	30.7		6	935.3	33.3	35.0	151.4	4.5	31.4	
7	0.0	32.3	36.0	151.5	3.5	34.1		7	0.0	33.3	33.0	161.1	3.8	35.0	
8	947.5	30.6	44.0	125.4	3.9	28.5		8	947.2	31.7	37.0	137.4	4.1	30.4	
9	927.5	30.6	37.0	153.1	4.1	31.2		9	927.2	31.7	33.0	129.6	4.2	32.4	
10	950.6	32.2	39.0	130.6	2.6	32.9		10	950.2	33.3	37.0	117.7	2.4	33.8	

JUNE 3, 1977 1500 CDT								JUNE 3, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.6	32.8	31.0	166.7	3.8	33.5		1	930.2	33.3	30.0	166.8	4.5	34.1	
2	917.4	33.9	27.0	153.4	6.4	33.7		2	917.0	34.4	26.0	138.0	7.3	34.0	
3	931.3	32.8	33.0	161.1	4.2	34.7		3	930.9	32.8	28.0	151.7	5.2	35.0	
4	935.0	32.2	35.0	155.6	4.5	32.4		4	934.6	32.8	34.0	134.7	4.5	33.0	
5	923.5	32.2	30.0	174.1	5.6	32.8		5	922.8	32.8	31.0	156.4	6.7	33.0	
6	936.0	33.9	34.0	135.6	5.1	32.2		6	935.7	34.4	33.0	126.1	5.0	32.7	
7	0.0	33.9	32.0	143.1	3.9	35.7		7	0.0	34.4	31.0	145.1	4.7	36.0	
8	946.9	32.2	33.0	139.7	4.3	30.0		8	946.5	33.3	32.0	134.0	4.6	31.6	
9	925.9	32.2	30.0	169.8	4.8	32.1		9	926.5	32.8	27.0	147.1	4.5	33.2	
10	949.5	33.9	33.0	114.1	2.3	34.6		10	949.2	34.4	27.0	120.9	2.1	35.3	

JUNE 3, 1977 1700 CDT								JUNE 3, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.9	33.3	29.0	158.6	4.9	34.0		1	929.9	33.3	32.0	145.0	5.6	33.6	
2	916.7	33.9	25.0	131.6	7.4	33.4		2	916.7	33.3	29.0	139.9	7.8	33.1	
3	930.6	32.2	28.0	127.9	5.0	35.3		3	930.6	31.7	27.0	128.6	5.0	34.1	
4	934.3	32.8	34.0	149.9	4.6	33.0		4	934.0	31.7	32.0	143.8	5.6	32.0	
5	922.8	32.8	29.0	142.6	7.6	32.9		5	922.5	32.8	28.0	156.6	7.1	31.9	
6	935.7	33.9	31.0	114.8	5.8	32.2		6	935.3	33.3	34.0	100.2	6.3	31.4	
7	0.0	34.4	31.0	119.6	4.9	35.6		7	0.0	33.9	30.0	120.6	5.5	35.1	
8	946.2	33.3	29.0	115.3	4.4	31.7		8	945.8	33.3	29.0	128.7	4.7	31.7	
9	926.2	32.8	26.0	135.8	4.4	33.1		9	925.8	32.8	26.0	152.0	4.8	32.6	
10	948.9	34.4	25.0	124.3	2.4	35.1		10	948.5	33.9	30.0	117.3	2.7	34.8	

JUNE 3, 1977 1900 CDT							JUNE 3, 1977 2000 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	929.0	32.2	71.0	134.9	6.3	21.2	1	930.9	30.6	38.0	129.6	5.2	30.3
2	914.7	31.7	72.0	146.2	7.5	30.7	2	917.4	31.1	33.0	129.3	7.3	30.0
3	930.4	31.1	30.0	175.7	4.9	32.6	3	930.9	29.4	32.0	138.4	4.2	31.3
4	934.0	31.1	30.0	174.3	5.2	31.6	4	924.0	28.9	35.0	135.6	4.0	30.6
5	922.1	32.2	24.0	134.3	7.1	31.0	5	922.1	31.7	31.0	148.5	6.8	29.8
6	935.7	32.8	32.0	112.3	6.1	33.2	6	935.7	31.7	34.0	108.4	4.1	28.9
7	0.0	33.3	71.0	117.5	5.1	34.1	7	0.0	32.2	33.0	126.3	3.8	32.4
8	945.5	32.9	29.0	114.6	4.4	33.7	8	945.8	32.2	29.0	98.7	4.6	29.0
9	925.8	32.2	27.0	150.9	5.0	31.5	9	925.2	31.1	30.0	148.5	3.8	30.3
10	949.6	33.3	31.0	124.3	3.1	33.5	10	948.9	31.7	39.0	130.7	3.4	32.5

JUNE 3, 1977 2100 CDT							JUNE 3, 1977 2200 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	931.7	27.2	51.0	140.0	2.3	25.6	1	931.9	24.4	56.0	140.8	1.9	23.4
2	918.1	28.9	78.0	113.9	5.3	27.8	2	914.7	25.7	42.0	104.1	4.2	25.0
3	931.4	26.1	47.0	124.4	1.8	29.3	3	932.3	25.6	46.0	132.8	2.8	26.6
4	934.6	26.1	44.0	129.9	2.4	24.0	4	935.3	23.9	54.0	133.5	2.8	24.1
5	922.1	30.6	34.0	149.6	4.9	27.3	5	922.5	28.9	38.0	157.9	3.7	24.5
6	936.7	28.9	42.0	101.9	2.7	24.8	6	937.4	25.6	55.0	104.1	2.3	22.0
7	0.0	30.0	47.0	119.4	1.8	28.6	7	0.0	26.1	53.0	126.6	1.3	25.5
8	944.2	30.6	34.0	97.0	4.0	25.4	8	946.8	28.3	42.0	103.9	3.9	25.0
9	926.9	28.4	31.0	157.6	2.1	27.0	9	927.5	26.1	45.0	136.7	2.0	23.6
10	940.2	28.9	46.0	127.9	2.9	29.5	10	950.0	28.3	49.0	134.7	1.6	27.9

JUNE 3, 1977 2300 CDT							JUNE 3, 1977 2400 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	932.4	23.9	54.0	193.0	1.3	21.6	1	933.0	23.9	61.0	167.0	1.4	21.6
2	919.4	25.0	47.0	114.3	4.7	24.1	2	919.7	23.3	53.0	108.5	2.6	21.9
3	932.4	25.0	51.0	124.7	3.0	25.6	3	933.0	23.9	58.0	144.4	3.4	24.2
4	936.0	25.0	54.0	145.2	4.1	24.6	4	935.3	24.4	59.0	149.6	4.6	24.1
5	922.8	24.7	45.0	149.0	3.1	27.7	5	922.8	24.4	50.0	140.1	3.2	21.4
6	937.7	23.9	67.0	109.3	2.5	20.9	6	934.0	23.3	72.0	128.4	3.3	20.4
7	0.0	25.0	54.0	137.8	1.6	24.2	7	0.0	23.3	64.0	136.5	1.5	22.7
8	947.5	27.2	50.0	115.5	3.1	23.2	8	947.5	25.6	60.0	119.5	2.6	21.5
9	928.2	23.9	54.0	125.7	1.7	21.4	9	928.6	23.3	58.0	145.7	3.2	21.3
10	951.4	27.2	49.0	129.3	1.3	26.6	10	952.9	26.7	50.0	141.0	1.0	26.1

JUNE 4, 1977 100 CDT								JUNE 4, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	973.7	22.8	69.0	149.4	1.8	20.7		1	933.3	22.8	70.0	181.2	1.4	20.2	
2	920.1	20.6	62.0	107.4	2.6	13.9		2	920.9	21.1	63.0	148.1	3.6	20.7	
3	933.3	22.2	67.0	177.2	2.0	22.5		3	933.6	20.6	70.0	184.7	1.8	21.0	
4	976.7	23.9	60.0	158.9	5.0	23.5		4	937.0	21.7	63.0	165.4	4.4	21.7	
5	922.9	22.2	66.0	170.3	4.6	21.0		5	923.1	21.7	59.0	182.4	4.8	20.3	
6	979.4	22.2	72.0	176.3	3.3	19.6		6	938.7	21.7	77.0	143.3	2.5	18.1	
7	0.0	23.3	64.0	156.9	2.8	23.4		7	0.0	23.9	59.0	176.9	3.2	23.5	
8	947.9	23.9	67.0	125.9	2.5	20.7		8	948.2	23.3	67.0	134.0	2.5	19.5	
9	928.9	22.8	61.0	168.6	2.5	20.4		9	929.2	22.2	64.0	167.1	2.8	19.0	
10	952.3	25.6	69.0	156.9	1.4	24.5		10	952.6	24.4	66.0	167.7	0.9	22.9	

JUNE 4, 1977 300 CDT								JUNE 4, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	977.6	22.8	69.0	179.6	2.2	20.2		1	933.6	21.1	75.0	171.7	3.5	20.2	
2	920.8	20.6	69.0	169.5	2.1	19.2		2	920.8	19.4	75.0	167.4	3.4	18.3	
3	937.6	20.0	72.0	184.1	1.7	19.9		3	933.6	18.9	74.0	181.6	1.4	19.3	
4	977.0	20.6	69.0	180.3	3.5	19.7		4	937.0	18.9	79.0	172.2	2.9	17.0	
5	922.9	21.7	64.0	194.3	3.7	18.4		5	922.9	20.0	69.0	188.7	4.2	17.8	
6	979.0	20.6	76.0	144.0	2.5	17.5		6	929.0	20.6	77.0	160.7	2.7	17.2	
7	0.0	22.8	67.0	193.0	2.0	21.8		7	0.0	21.1	76.0	146.8	1.4	19.5	
8	948.2	22.8	69.0	160.5	2.0	18.5		8	948.5	21.7	74.0	132.5	0.9	17.5	
9	929.6	20.6	70.0	179.0	3.4	17.7		9	929.6	19.4	78.0	177.7	3.8	17.2	
10	952.6	22.8	75.0	173.6	0.9	22.3		10	951.9	22.2	80.0	181.0	1.8	20.4	

JUNE 4, 1977 500 CDT								JUNE 4, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	974.0	20.0	80.0	201.4	2.1	17.4		1	934.3	20.0	83.0	184.6	1.6	17.2	
2	921.1	19.9	79.0	164.1	3.4	17.3		2	921.4	17.9	85.0	150.1	2.1	15.9	
3	974.0	18.9	78.0	179.6	1.3	18.0		3	934.3	18.3	84.0	20.9	0.8	16.9	
4	977.4	18.7	87.0	177.6	3.0	16.1		4	937.7	16.7	89.0	182.5	1.7	14.7	
5	922.8	19.9	75.0	180.3	2.4	15.4		5	922.8	17.9	80.0	168.7	2.3	15.3	
6	939.0	19.4	87.0	164.3	2.5	15.7		6	939.7	19.9	88.0	165.4	2.0	15.9	
7	0.0	21.1	77.0	179.0	1.9	20.0		7	0.0	20.0	82.0	183.7	1.7	19.0	
8	948.5	20.6	84.0	136.8	0.8	15.7		8	948.9	18.9	90.0	123.6	0.3	14.9	
9	929.6	19.4	80.0	177.9	3.0	15.4		9	929.6	18.3	84.0	166.0	2.6	15.4	
10	951.9	21.1	85.0	167.4	3.8	18.9		10	953.3	21.1	86.0	165.3	1.4	18.5	



JUNE 4, 1977 700 CDT								JUNE 4, 1977 800 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	934.7	20.4	77.0	194.5	2.9	17.9		1	934.3	22.2	71.0	202.0	4.0	20.4	
2	922.1	16.7	93.0	174.4	7.1	15.4		2	922.9	17.8	89.0	172.3	5.1	17.8	
3	934.7	17.2	95.0	146.7	0.6	16.5		3	934.6	19.4	83.0	167.8	1.6	20.2	
4	939.4	17.2	91.0	195.4	1.4	15.2		4	939.7	20.6	82.0	181.0	3.1	18.3	
5	923.1	16.7	94.0	194.5	2.9	15.5		5	924.1	16.7	86.0	174.5	4.0	17.3	
6	940.4	17.2	93.0	104.7	1.2	14.2		6	940.7	13.9	90.0	149.5	2.4	18.0	
7	0.0	17.4	96.0	149.3	1.1	14.5		7	0.0	20.0	86.0	191.2	1.5	21.2	
8	949.2	18.9	97.0	142.4	0.3	15.0		8	949.9	18.9	92.0	157.9	2.1	18.7	
9	930.9	17.6	99.0	181.3	2.8	14.5		9	930.9	17.8	87.0	166.1	3.1	17.6	
10	957.9	20.6	93.0	141.3	2.3	13.4		10	955.0	22.2	82.0	165.0	1.2	20.6	

JUNE 4, 1977 900 CDT								JUNE 4, 1977 1000 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	934.6	22.8	70.0	211.4	4.9	22.7		1	934.6	23.9	67.0	203.7	4.5	24.7	
2	922.8	17.4	93.0	173.7	7.0	20.5		2	922.3	22.8	74.0	176.1	7.3	23.1	
3	935.0	21.7	75.0	153.2	4.7	22.7		3	935.0	23.9	66.0	194.4	4.7	25.2	
4	939.4	22.8	74.0	192.1	5.9	21.7		4	939.4	25.0	61.0	191.6	5.5	23.7	
5	925.2	17.2	95.0	154.5	5.3	19.3		5	925.5	20.6	76.0	176.8	6.1	21.8	
6	941.1	21.7	79.0	182.7	5.2	20.4		6	940.7	25.6	65.0	182.2	5.1	23.6	
7	0.0	22.2	74.0	190.2	5.1	24.0		7	0.0	25.0	63.0	198.1	5.0	26.0	
8	950.6	21.7	95.0	150.2	3.7	21.4		8	950.9	23.9	75.0	174.1	3.9	24.1	
9	931.6	20.6	75.0	193.9	4.7	20.1		9	931.6	22.8	63.0	187.0	5.1	22.8	
10	956.0	24.4	60.0	170.3	0.9	22.9		10	955.0	26.7	52.0	183.5	0.9	25.6	

JUNE 4, 1977 1100 CDT								JUNE 4, 1977 1200 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	934.6	26.1	60.0	192.0	3.5	24.6		1	934.3	27.8	50.0	184.8	4.5	28.3	
2	922.6	23.9	65.0	178.5	6.1	25.2		2	922.1	26.7	50.0	168.4	5.4	27.7	
3	935.0	24.1	65.0	195.1	4.1	27.0		3	935.0	27.8	41.0	172.5	4.4	29.6	
4	930.0	24.7	55.0	187.6	4.5	25.9		4	939.0	27.2	42.0	166.2	3.6	28.1	
5	936.5	21.7	69.0	173.9	5.6	25.1		5	926.2	24.4	50.0	170.6	5.2	27.5	
6	940.7	27.8	45.0	181.7	4.1	25.2		6	940.4	29.4	35.0	168.4	4.4	28.8	
7	0.0	24.1	57.0	196.9	3.9	28.1		7	0.0	23.3	47.0	169.8	3.9	30.7	
8	950.9	25.1	61.0	178.3	3.6	26.1		8	950.9	27.8	54.0	161.0	3.6	28.2	
9	931.7	24.4	55.0	176.9	4.8	25.1		9	931.3	26.7	43.0	171.8	4.9	27.6	
10	954.6	24.3	57.0	184.4	1.0	28.0		10	954.6	30.0	54.0	157.3	0.2	30.1	

JUNE 4, 1977 1300 CDT								JUNE 4, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	974.0	29.9	42.0	173.1	4.2	29.8		1	933.6	30.6	32.0	161.9	4.5	30.7	
2	921.8	20.4	16.0	179.3	5.9	20.4		2	921.1	30.6	34.0	158.2	5.8	30.7	
3	974.6	20.4	37.0	168.4	5.1	31.1		3	934.3	30.6	29.0	163.0	4.8	32.4	
4	970.0	20.0	35.0	165.8	4.4	29.4		4	938.7	31.1	32.0	174.1	5.0	30.2	
5	924.2	26.1	37.0	172.1	5.6	29.3		5	926.2	28.3	30.0	159.8	6.5	30.6	
6	940.1	21.1	30.0	161.4	4.6	29.3		6	940.1	32.8	25.0	160.1	5.0	30.8	
7	0.0	20.0	40.0	171.8	4.1	32.1		7	0.0	31.7	30.0	177.1	4.4	33.4	
8	950.9	20.0	44.0	165.6	4.4	29.8		8	950.6	31.1	34.0	171.6	4.6	30.5	
9	931.3	28.3	36.0	168.6	3.6	28.9		9	930.9	30.0	30.0	166.6	5.3	29.9	
10	954.3	21.7	32.0	130.3	4.1	31.3		10	953.9	32.8	26.0	172.8	0.4	32.0	

JUNE 4, 1977 1500 CDT								JUNE 4, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	973.7	21.1	20.0	176.9	5.0	31.5		1	977.0	32.2	27.0	169.0	4.3	31.2	
2	920.8	31.7	30.0	171.6	7.3	31.3		2	920.4	32.2	26.0	159.6	6.6	32.2	
3	924.7	31.7	28.0	169.5	4.7	34.0		3	930.0	32.2	24.0	170.9	3.7	33.9	
4	970.4	32.2	27.0	158.0	5.7	30.9		4	939.0	32.8	22.0	155.7	4.2	31.5	
5	926.2	20.4	29.0	172.3	6.0	30.8		5	926.2	30.6	28.0	158.5	6.8	30.7	
6	920.4	23.3	22.0	162.9	5.5	31.6		6	939.4	33.9	20.0	147.8	5.6	31.8	
7	0.0	32.8	27.0	177.2	4.0	34.1		7	0.0	33.3	24.0	146.3	4.5	34.2	
8	950.2	22.2	20.0	152.8	4.9	31.0		8	950.2	32.8	23.0	148.6	4.7	31.4	
9	970.9	20.6	25.0	174.9	5.7	30.0		9	930.6	31.1	26.0	164.1	5.9	30.5	
10	953.6	32.8	25.0	153.8	1.4	32.7		10	953.3	33.3	24.0	149.2	1.9	33.4	

JUNE 4, 1977 1700 CDT								JUNE 4, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.6	22.8	24.0	164.2	4.0	32.8		1	932.3	32.8	21.0	166.9	4.4	32.7	
2	920.1	21.7	27.0	135.5	7.1	31.8		2	920.1	31.7	27.0	136.7	5.5	32.0	
3	971.4	32.2	23.0	192.7	4.7	34.5		3	933.6	32.2	23.0	153.5	4.2	34.1	
4	970.0	22.8	19.0	172.0	5.0	32.1		4	977.7	32.2	19.0	176.7	5.2	31.3	
5	926.2	20.6	25.0	165.2	6.2	31.0		5	925.8	30.6	24.0	157.4	6.0	30.6	
6	970.0	22.9	19.0	147.8	5.1	32.0		6	938.7	32.8	20.0	141.8	5.4	31.6	
7	0.0	22.2	22.0	163.9	4.9	34.3		7	0.0	32.8	23.0	146.6	3.9	33.6	
8	949.9	32.8	21.0	156.8	3.9	31.8		8	949.9	32.8	22.0	132.8	3.9	31.6	
9	970.2	31.1	22.0	174.3	4.9	30.3		9	930.2	30.6	22.0	157.2	4.8	30.3	
10	952.9	33.3	23.0	149.5	2.0	33.7		10	952.6	33.3	22.0	115.2	1.8	33.3	

JUNE 4, 1977 1900 CDT							JUNE 4, 1977 2000 CDT						
STAT NO.	DEFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	977.7	32.2	21.0	167.4	4.7	31.4	1	932.3	31.7	20.0	159.1	3.5	29.9
2	920.1	31.7	21.0	129.4	6.5	30.6	2	920.8	30.0	26.0	138.9	6.8	28.9
3	937.4	31.7	22.0	162.9	4.9	33.1	3	934.0	30.6	23.0	159.3	4.8	31.6
4	977.7	31.7	21.0	147.0	5.0	30.7	4	937.7	30.0	25.0	150.6	3.4	28.5
5	925.9	30.6	24.0	151.7	6.6	29.4	5	925.8	29.4	26.0	145.1	6.5	28.0
6	939.7	30.2	21.0	140.4	5.1	31.6	6	939.0	30.6	26.0	127.0	4.6	28.3
7	0.0	32.2	24.0	149.6	4.2	32.9	7	0.0	31.1	25.0	150.0	3.5	32.2
8	949.5	32.2	22.0	133.3	4.1	30.5	8	949.5	31.1	23.0	140.1	2.2	28.8
9	930.2	30.6	23.0	146.4	4.4	29.4	9	930.6	29.4	23.0	160.0	4.0	28.2
10	952.6	32.2	23.0	119.5	1.9	32.5	10	952.9	30.6	27.0	134.1	1.9	30.6

JUNE 4, 1977 2100 CDT							JUNE 4, 1977 2200 CDT						
STAT NO.	DEFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	977.0	27.4	23.0	159.6	2.6	24.6	1	933.3	25.0	43.0	175.8	1.9	22.2
2	921.1	28.7	24.0	145.0	4.9	25.9	2	922.1	26.1	32.0	156.1	3.4	24.0
3	974.7	30.4	27.0	152.1	7.0	28.3	3	974.6	25.6	35.0	186.2	1.8	25.2
4	939.0	25.6	24.0	162.1	2.4	24.2	4	938.4	23.9	37.0	143.4	2.8	23.0
5	925.5	28.2	22.0	154.0	5.1	25.4	5	925.5	26.1	32.0	166.9	2.7	22.3
6	930.4	29.3	23.0	127.1	2.9	25.3	6	939.7	24.4	39.0	121.7	2.5	22.2
7	0.0	29.4	30.0	143.1	2.0	27.4	7	0.0	25.6	38.0	159.4	1.4	24.2
8	949.5	30.0	25.0	124.1	0.9	25.3	8	950.2	25.1	45.0	135.6	1.2	22.4
9	970.9	27.9	25.0	155.8	2.1	24.8	9	931.6	26.4	35.0	167.3	1.9	21.7
10	957.7	28.2	24.0	129.4	1.2	28.2	10	954.3	26.7	37.0	140.0	4.1	25.8

JUNE 4, 1977 2300 CDT							JUNE 4, 1977 2400 CDT						
STAT NO.	DEFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	934.0	23.9	44.0	196.0	1.6	20.7	1	934.6	23.3	46.0	163.4	1.8	19.9
2	927.5	23.9	37.0	150.4	2.6	21.5	2	923.1	21.7	42.0	145.8	2.2	20.1
3	935.7	23.9	41.0	191.3	2.3	23.1	3	935.7	22.8	43.0	181.7	1.4	21.8
4	939.0	23.9	38.0	159.0	3.7	22.2	4	939.7	23.9	42.0	163.4	4.0	23.0
5	925.5	23.9	24.0	165.0	2.3	20.5	5	925.5	20.6	41.0	175.8	3.6	20.3
6	940.7	25.0	40.0	149.3	2.7	22.2	6	941.1	22.8	47.0	157.1	2.8	19.2
7	0.0	23.3	43.0	165.1	2.1	22.7	7	0.0	23.3	45.0	149.9	1.1	21.6
8	950.4	24.4	52.0	120.0	1.2	20.5	8	950.9	22.8	61.0	124.0	0.8	18.0
9	931.6	22.9	41.0	173.5	2.1	20.1	9	932.3	21.1	49.0	165.7	1.7	17.7
10	955.0	26.7	37.0	160.7	2.6	25.7	10	955.3	24.4	43.0	166.4	2.0	24.1

JUNE 5, 1977 100 CDT								JUNE 5, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	975.0	22.2	53.0	180.0	3.9	21.1		1	935.0	22.9	47.0	202.6	2.5	20.4	
2	923.5	21.1	45.0	182.1	3.6	19.8		2	923.5	19.4	51.0	172.1	3.5	18.6	
3	975.7	21.7	49.0	182.3	2.9	21.1		3	935.7	21.7	48.0	191.3	3.5	21.6	
4	979.7	22.2	57.0	175.3	3.5	20.6		4	939.7	19.4	56.0	205.7	2.1	17.6	
5	925.9	20.0	45.0	181.7	3.4	19.2		5	925.5	19.4	50.0	186.4	2.4	17.8	
6	941.4	21.1	53.0	166.8	1.8	17.0		6	941.4	20.0	57.0	185.4	2.6	16.5	
7	0.0	21.7	53.0	193.4	1.1	20.5		7	0.0	21.1	53.0	207.1	1.5	20.2	
8	951.2	21.7	66.0	82.4	0.4	17.0		8	951.2	20.6	70.0	111.8	0.3	15.8	
9	932.3	17.4	56.0	160.3	1.4	15.7		9	932.3	18.9	58.0	171.3	1.7	15.6	
10	955.3	24.4	49.0	176.1	1.4	23.4		10	955.3	22.8	54.0	190.1	1.1	22.0	

JUNE 5, 1977 300 CDT								JUNE 5, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	975.0	20.6	54.0	212.3	2.5	18.7		1	934.6	22.2	50.0	223.6	4.0	20.4	
2	923.5	18.9	54.0	179.7	3.2	17.8		2	923.5	17.8	60.0	173.0	1.7	16.3	
3	975.7	22.2	49.0	215.8	2.1	20.9		3	935.7	21.1	53.0	221.2	2.9	20.1	
4	979.7	18.3	65.0	156.1	2.1	16.8		4	939.7	17.8	68.0	214.6	1.8	16.4	
5	925.9	18.7	54.0	191.7	2.3	16.7		5	925.2	16.7	58.0	189.5	2.2	15.6	
6	941.1	19.4	54.0	177.7	1.3	16.0		6	941.1	18.3	64.0	200.8	2.2	15.4	
7	0.0	21.1	56.0	210.4	1.8	19.5		7	0.0	20.0	61.0	216.7	1.8	19.2	
9	950.9	19.4	91.0	74.8	0.1	14.7		8	950.9	18.3	84.0	163.2	0.2	14.3	
9	932.3	14.3	62.0	173.6	1.8	15.1		9	932.3	17.2	67.0	173.8	2.3	14.7	
10	955.3	22.8	59.0	145.8	0.2	20.9		10	955.3	21.1	63.0	186.5	2.8	20.0	

JUNE 5, 1977 500 CDT								JUNE 5, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	975.0	21.7	51.0	223.8	3.7	19.2		1	935.0	21.1	53.0	240.2	3.2	18.6	
2	923.5	15.7	67.0	106.6	0.9	14.4		2	923.8	15.0	73.0	195.6	1.3	14.4	
3	975.7	20.6	54.0	222.0	3.4	19.6		3	935.0	20.0	57.0	226.7	3.5	19.1	
4	979.7	17.2	70.0	209.0	1.8	15.2		4	939.7	15.6	75.0	211.7	1.8	14.2	
5	925.2	16.1	62.0	199.5	2.1	14.9		5	925.2	15.6	66.0	187.4	2.4	14.3	
6	941.4	19.4	64.0	203.9	3.0	15.3		6	941.4	19.4	67.0	198.3	2.2	15.7	
7	0.0	18.9	63.0	257.2	0.8	17.1		7	0.0	17.9	73.0	210.0	1.5	17.3	
8	951.2	17.8	93.0	116.9	0.2	13.5		8	951.2	16.7	90.0	116.3	0.3	12.8	
9	932.3	15.7	70.0	174.2	1.5	14.1		9	932.6	16.7	73.0	199.4	1.7	14.3	
10	955.6	20.6	59.0	227.1	4.0	18.8		10	956.0	20.0	73.0	247.4	0.2	18.5	

JUNE 5, 1977 700 CDT								JUNE 5, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	935.7	20.0	69.0	231.0	2.0	19.4		1	935.7	20.6	63.0	231.6	2.0	20.8	
2	924.1	14.4	74.0	201.1	1.5	13.6		2	924.1	15.5	78.0	201.7	1.4	17.5	
3	935.7	20.0	60.0	223.6	3.5	19.1		3	935.7	20.0	63.0	231.9	3.6	20.5	
4	940.4	15.6	75.0	153.7	1.7	14.5		4	940.4	17.2	75.0	213.4	1.5	18.4	
5	925.2	15.0	68.0	190.1	1.9	14.1		5	925.2	15.0	71.0	203.6	3.1	17.4	
6	942.1	19.7	71.0	191.7	2.6	15.4		6	942.1	19.4	67.0	200.5	3.3	18.7	
7	0.0	17.8	75.0	217.8	1.3	17.4		7	0.0	17.8	77.0	187.8	1.6	20.7	
8	951.6	16.1	94.0	149.7	0.2	12.7		8	951.6	16.7	92.0	120.3	0.7	17.6	
9	933.3	16.7	74.0	220.5	1.7	14.4		9	933.3	16.7	74.0	172.8	1.8	16.5	
10	956.7	17.4	77.0	312.0	1.0	19.1		10	956.7	21.7	70.0	159.6	1.5	21.9	

JUNE 5, 1977 900 CDT								JUNE 5, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	935.7	20.2	58.0	227.2	3.0	24.3		1	935.7	25.6	51.0	225.0	4.2	26.5	
2	924.9	20.6	70.0	207.5	5.2	21.9		2	924.9	23.9	51.0	207.3	5.2	25.0	
3	937.0	21.7	67.0	215.9	3.2	23.7		3	937.0	25.0	49.0	226.5	2.9	27.4	
4	940.7	21.1	60.0	225.0	7.0	22.0		4	941.1	24.4	49.0	201.5	3.8	24.6	
5	926.9	17.8	60.0	197.7	3.8	21.1		5	926.9	21.1	55.0	180.0	4.0	23.3	
6	942.1	22.2	50.0	193.7	4.1	22.2		6	942.1	25.6	51.0	188.2	4.0	24.4	
7	0.0	21.7	64.0	204.8	3.7	24.1		7	0.0	24.4	56.0	176.9	2.2	27.2	
8	952.6	21.1	70.0	184.9	3.1	21.0		8	952.6	23.3	57.0	184.4	2.6	23.7	
9	933.6	19.4	67.0	200.1	3.3	21.0		9	933.6	22.9	51.0	169.6	3.2	23.5	
10	956.7	24.4	50.0	191.9	2.2	25.0		10	956.7	26.7	44.0	202.1	0.2	27.7	

JUNE 5, 1977 1100 CDT								JUNE 5, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	936.0	24.7	42.0	209.1	2.0	29.5		1	936.0	29.3	35.0	208.8	3.1	29.6	
2	924.0	25.6	47.0	197.9	3.9	27.1		2	924.5	27.2	34.0	159.2	3.5	28.9	
3	937.0	25.7	42.0	194.6	2.0	28.9		3	936.7	27.9	37.0	173.2	2.5	31.0	
4	941.1	24.1	44.0	201.8	3.5	27.0		4	941.1	27.2	35.0	154.6	3.2	28.9	
5	927.5	22.8	43.0	164.2	3.7	25.3		5	928.2	24.4	34.0	118.7	4.3	27.7	
6	942.1	27.2	41.0	149.7	2.9	27.0		6	942.1	28.9	34.0	137.5	3.6	28.1	
7	0.0	24.7	46.0	147.7	2.5	29.6		7	0.0	28.3	33.0	142.9	3.8	30.7	
8	952.6	25.0	50.0	165.0	2.4	25.9		8	952.9	27.8	40.0	142.1	3.1	28.5	
9	933.6	27.2	29.0	149.1	3.9	25.9		9	933.3	27.8	21.0	128.2	4.2	27.9	
10	956.7	29.9	37.0	117.8	3.0	29.3		10	956.0	30.0	26.0	135.8	2.0	30.8	

JUNE 5, 1977 1300 CDT								JUNE 5, 1977 1400 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	025.3	29.4	32.0	175.8	3.6	31.2		1	935.0	30.0	27.0	187.1	2.6	30.8	
2	024.1	28.7	30.0	127.9	5.5	29.6		2	923.5	30.0	22.0	134.7	5.3	30.3	
3	936.3	20.4	31.0	141.3	2.0	31.4		3	935.7	30.0	30.0	144.5	4.4	31.1	
4	240.7	22.4	26.0	159.7	4.2	30.0		4	940.1	30.0	24.0	163.8	4.3	30.6	
5	028.2	30.6	27.0	127.4	5.2	29.9		5	927.5	31.1	24.0	135.7	6.3	29.5	
6	941.8	30.0	29.0	141.4	4.2	29.5		6	941.1	31.1	23.0	143.0	1.1	29.7	
7	0.0	20.4	25.0	121.8	3.9	31.0		7	0.0	30.6	21.0	141.9	4.6	32.8	
8	952.5	29.4	27.0	139.5	4.0	28.9		8	951.9	30.0	22.0	121.5	4.4	30.3	
9	933.0	28.9	19.0	123.2	4.1	29.3		9	932.3	29.4	19.0	137.6	3.6	29.8	
10	955.3	31.1	24.0	115.4	1.6	31.2		10	954.6	31.7	23.0	128.3	1.5	31.9	

JUNE 5, 1977 1500 CDT								JUNE 5, 1977 1600 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	024.3	30.6	24.0	148.9	4.0	30.7		1	933.3	31.1	23.0	162.0	3.4	31.9	
2	023.1	31.1	17.0	143.5	5.4	30.4		2	922.1	31.7	16.0	119.2	4.9	31.5	
3	925.0	30.6	27.0	107.1	2.9	32.0		3	934.3	31.1	21.0	101.8	4.0	32.3	
4	930.0	31.1	21.0	153.3	4.3	30.9		4	938.4	31.7	15.0	134.6	4.1	31.2	
5	027.2	31.7	21.0	156.9	4.2	29.9		5	926.5	32.2	20.0	140.7	4.1	30.7	
6	940.4	31.7	19.0	121.1	4.3	30.8		6	939.7	32.2	16.0	118.2	4.8	31.2	
7	0.0	31.1	20.0	116.5	4.2	33.5		7	0.0	31.7	18.0	140.9	4.3	33.7	
8	951.2	31.1	17.0	137.0	4.1	31.3		8	950.6	31.7	14.0	146.1	4.3	31.0	
9	931.6	30.0	19.0	159.1	4.4	30.2		9	930.9	30.0	19.0	140.9	4.2	31.0	
10	953.6	32.2	21.0	123.2	1.8	32.6		10	952.6	32.8	21.0	117.2	2.1	32.8	

JUNE 5, 1977 1700 CDT								JUNE 5, 1977 1800 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	033.0	31.1	21.0	151.4	3.6	32.3		1	932.6	31.7	21.0	174.2	3.4	32.1	
2	021.4	31.1	16.0	123.0	4.1	31.5		2	921.1	30.6	17.0	120.3	4.3	31.0	
3	933.5	31.1	13.0	122.8	3.4	32.5		3	933.6	31.1	18.0	152.1	4.1	32.5	
4	937.7	31.7	14.0	157.8	5.3	31.0		4	937.4	31.1	17.0	154.7	4.8	30.8	
5	026.2	31.7	20.0	115.2	4.6	30.3		5	925.5	31.7	22.0	140.0	4.9	29.5	
6	930.0	32.2	15.0	111.3	4.9	31.2		6	939.7	32.2	17.0	147.5	3.9	30.8	
7	0.0	32.2	18.0	147.3	4.5	33.9		7	0.0	32.2	19.0	165.1	4.2	33.9	
8	949.9	31.7	14.0	141.0	3.6	31.1		8	949.5	31.7	16.0	156.8	4.1	31.3	
9	930.5	30.0	20.0	145.1	4.6	30.3		9	930.2	29.4	22.0	157.1	4.3	30.2	
10	942.3	32.8	20.0	163.3	3.1	33.4		10	951.9	32.8	22.0	124.6	3.3	33.1	

JUNE 5, 1977 1900 CDT								JUNE 5, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	937.7	31.1	17.0	195.3	4.7	31.1		1	932.3	30.0	16.0	173.3	1.9	30.3	
2	920.9	30.0	19.0	141.3	5.1	30.9		2	920.8	27.8	25.0	164.2	4.4	29.4	
3	937.7	31.1	19.0	149.6	3.7	31.4		3	933.3	30.0	20.0	142.8	2.8	30.6	
4	937.0	30.6	19.0	162.9	4.5	30.2		4	937.0	28.9	20.0	167.7	2.7	29.5	
5	937.7	30.6	25.0	168.1	5.4	28.9		5	925.2	28.9	29.0	159.9	5.4	27.3	
6	935.4	31.7	19.0	122.9	4.2	29.5		6	938.4	30.6	20.0	137.6	3.3	29.3	
7	0.0	31.7	19.0	159.0	3.9	33.4		7	0.0	31.1	22.0	147.3	3.7	32.1	
8	940.2	31.7	17.0	134.5	7.3	30.7		8	949.2	30.6	18.0	132.8	3.1	28.7	
9	930.2	29.9	24.0	172.4	4.1	29.4		9	930.2	27.8	27.0	175.5	3.4	28.3	
10	951.0	31.7	24.0	134.7	3.3	31.9		10	951.0	30.6	30.0	136.0	2.5	30.9	

JUNE 5, 1977 2100 CDT								JUNE 5, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	932.6	26.7	29.0	163.5	1.4	25.2		1	933.0	25.0	29.0	202.0	1.4	23.2	
2	921.1	25.6	32.0	151.5	3.4	26.1		2	921.4	22.9	36.0	152.2	3.0	23.3	
3	937.6	29.7	26.0	158.4	1.2	26.0		3	934.0	24.4	34.0	209.9	0.9	22.5	
4	937.0	25.6	34.0	159.3	2.4	24.8		4	937.4	22.8	33.0	147.2	2.5	22.7	
5	935.8	26.1	31.0	154.4	3.1	24.3		5	924.8	22.8	38.0	140.2	2.0	21.0	
6	938.7	28.3	25.0	145.2	2.8	25.4		6	939.0	25.0	32.0	177.4	1.7	21.7	
7	0.0	29.4	27.0	159.0	1.5	25.9		7	0.0	25.6	35.0	192.3	1.2	24.2	
8	940.2	29.4	21.0	142.7	0.6	24.8		8	949.2	26.7	35.0	241.4	0.2	21.5	
9	930.2	24.4	31.0	148.2	1.2	24.5		9	930.6	21.1	42.0	84.5	0.3	20.9	
10	952.3	24.5	35.0	145.5	1.3	28.0		10	952.9	26.7	41.0	135.3	3.3	25.6	

JUNE 5, 1977 2300 CDT								JUNE 5, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	937.7	27.0	32.0	210.4	1.1	21.4		1	937.6	22.2	37.0	231.8	0.8	19.3	
2	921.4	21.7	40.0	147.4	2.4	21.1		2	922.1	20.0	45.0	156.8	1.8	20.0	
3	934.3	22.8	39.0	145.7	0.8	21.7		3	934.3	22.8	42.0	110.6	1.3	21.8	
4	937.7	22.2	39.0	114.5	2.1	21.9		4	937.7	21.7	42.0	126.3	2.2	22.0	
5	924.5	21.7	41.0	140.8	2.3	19.2		5	924.1	20.0	46.0	173.2	0.5	17.6	
6	932.4	22.8	35.0	219.3	1.1	19.8		6	939.4	20.6	45.0	189.7	0.6	18.5	
7	0.0	27.3	41.0	158.8	0.4	22.5		7	0.0	21.7	50.0	229.0	0.3	20.7	
8	949.5	23.0	50.0	157.0	0.1	19.7		8	949.5	21.7	79.0	255.3	0.0	17.8	
9	930.6	20.0	42.0	77.4	1.1	18.3		9	930.9	20.6	49.0	137.3	1.0	18.8	
10	953.7	25.0	49.0	132.4	0.9	23.7		10	953.3	22.8	59.0	129.0	2.2	21.3	

JUNE 6, 1977 100 CDT								JUNE 6, 1977 200 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	933.6	21.7	30.0	212.9	0.9	19.1		1	933.3	20.6	46.0	183.7	0.8	17.3	
2	922.1	18.3	47.0	231.0	0.9	18.7		2	922.1	17.8	49.0	98.8	0.8	17.2	
3	934.3	20.6	51.0	157.7	1.3	20.3		3	934.0	20.0	51.0	214.1	0.6	19.3	
4	937.7	21.7	51.0	153.6	2.5	20.2		4	937.7	21.1	55.0	193.6	2.0	19.3	
5	927.8	19.4	49.0	175.9	1.2	17.1		5	923.5	18.3	50.0	160.1	1.6	15.9	
6	930.4	20.6	49.0	141.4	1.5	19.2		6	939.4	20.6	52.0	146.5	1.9	18.5	
7	0.0	20.0	57.0	156.3	1.3	20.8		7	0.0	20.6	57.0	199.8	1.2	20.4	
9	940.5	21.1	56.0	100.8	0.1	17.4		8	949.5	20.0	75.0	101.4	0.4	16.2	
9	930.9	20.0	52.0	140.7	1.4	18.6		9	930.9	19.4	57.0	149.6	1.2	17.5	
10	953.6	22.8	61.0	115.4	2.9	21.3		10	953.3	23.3	60.0	184.2	0.4	22.4	

JUNE 6, 1977 300 CDT								JUNE 6, 1977 400 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	933.0	20.0	49.0	234.9	1.5	17.5		1	933.0	20.0	50.0	202.7	1.9	18.2	
2	922.1	17.8	52.0	170.8	2.0	17.8		2	922.1	17.2	54.0	166.8	1.4	17.2	
3	933.5	19.4	56.0	184.7	1.6	17.8		3	933.6	19.4	56.0	199.6	2.3	19.6	
4	937.4	20.0	62.0	185.6	2.7	18.1		4	937.4	18.9	66.0	200.6	2.2	17.1	
5	923.5	18.3	52.0	181.5	2.0	15.3		5	923.1	18.3	57.0	187.1	2.5	14.9	
6	939.0	20.0	54.0	186.1	1.2	17.5		6	939.0	18.3	60.0	210.1	2.2	16.9	
7	0.0	21.1	55.0	189.5	1.6	20.3		7	0.0	21.1	59.0	206.5	2.5	20.2	
8	949.5	19.4	54.0	151.8	0.4	16.0		8	949.5	19.9	81.0	83.2	0.4	15.9	
9	930.9	18.3	65.0	175.5	0.7	16.2		9	930.6	17.8	74.0	189.0	1.2	15.5	
10	953.3	22.8	62.0	226.7	2.9	21.2		10	953.3	22.2	69.0	202.4	4.4	20.3	

JUNE 6, 1977 500 CDT								JUNE 6, 1977 600 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	933.7	19.4	65.0	185.1	2.3	17.5		1	933.6	17.8	61.0	205.5	1.4	15.8	
2	922.1	16.1	69.0	170.7	1.5	16.1		2	922.1	16.1	72.0	178.5	1.2	15.6	
3	933.5	20.6	55.0	227.4	2.3	20.0		3	934.0	20.6	58.0	245.6	2.1	19.1	
4	937.7	17.2	72.0	204.6	1.9	15.8		4	937.7	16.7	72.0	219.7	1.0	15.3	
5	923.1	18.3	65.0	185.1	2.3	14.5		5	923.1	16.1	73.0	214.8	1.5	13.1	
6	939.0	18.9	65.0	154.2	2.8	17.0		6	939.4	19.4	73.0	200.5	2.5	17.2	
7	0.0	20.6	65.0	212.8	2.9	19.3		7	0.0	19.4	74.0	238.2	0.6	17.2	
8	949.5	18.9	89.0	61.4	0.3	14.3		8	949.5	17.8	95.0	241.0	0.3	13.8	
9	930.6	16.7	79.0	55.2	0.8	14.7		9	930.6	15.0	83.0	72.0	0.1	12.8	
10	953.3	21.1	75.0	274.3	1.6	18.9		10	953.3	20.6	80.0	313.5	2.7	18.8	



JUNE 5, 1977 700 CDT								JUNE 6, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	974.0	19.7	64.0	207.1	1.6	15.4		1	934.0	20.6	68.0	257.9	2.6	21.1	
2	922.5	15.6	55.0	244.0	1.1	15.6		2	922.8	20.6	59.0	261.2	1.6	19.4	
3	974.7	20.0	65.0	225.2	1.6	19.5		3	939.6	19.4	69.0	44.7	0.4	20.9	
4	972.0	16.7	73.0	314.6	1.2	16.2		4	939.4	19.4	72.0	260.6	1.5	19.8	
5	927.1	14.7	77.0	239.3	1.4	13.5		5	923.8	19.4	71.0	306.3	1.0	16.0	
6	970.4	14.7	75.0	304.4	1.4	15.8		6	940.1	20.0	73.0	342.4	0.8	19.4	
7	0.0	17.8	80.0	325.4	1.2	17.8		7	0.0	20.6	82.0	261.3	1.2	20.8	
8	946.7	14.7	67.0	204.1	0.2	13.3		8	949.9	16.7	95.0	107.3	0.4	18.1	
9	970.9	15.6	85.0	37.9	0.4	12.4		9	931.3	18.3	84.0	328.0	0.4	18.0	
10	957.0	20.0	82.0	351.3	7.5	19.3		10	954.3	20.6	74.0	261.3	3.8	22.4	

JUNE 6, 1977 900 CDT								JUNE 6, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	974.6	22.5	60.0	253.8	2.3	24.6		1	934.3	25.6	55.0	261.6	3.6	27.8	
2	927.5	24.4	51.0	247.3	4.0	22.8		2	923.5	26.1	40.0	219.6	3.3	26.1	
3	975.0	21.7	69.0	253.3	2.3	24.9		3	935.0	25.0	57.0	246.6	2.1	28.2	
4	979.7	27.3	54.0	225.5	7.9	27.9		4	938.7	25.6	54.0	235.2	3.0	25.9	
5	924.9	27.8	70.0	237.9	1.5	21.2		5	925.5	25.6	58.0	242.5	1.8	24.6	
6	940.4	22.2	67.0	244.7	1.9	23.0		6	940.4	25.5	55.0	217.9	2.2	25.8	
7	0.0	27.9	65.0	255.4	1.5	24.2		7	0.0	25.1	53.0	175.8	1.6	28.3	
8	950.2	22.8	59.0	16.3	0.8	21.0		8	950.2	25.0	55.0	196.5	2.0	25.7	
9	931.6	22.2	62.0	202.2	1.8	22.4		9	931.6	25.0	50.0	182.2	2.6	25.3	
10	954.6	27.9	59.0	226.4	0.0	25.5		10	954.3	25.6	48.0	179.9	1.3	28.7	

JUNE 6, 1977 1100 CDT								JUNE 6, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	974.3	29.3	40.0	200.7	2.2	30.7		1	933.5	30.0	27.0	133.8	3.1	31.8	
2	927.1	29.3	74.0	225.0	1.4	28.9		2	922.8	29.4	33.0	131.1	3.1	30.6	
3	974.6	24.7	50.0	243.2	1.2	30.6		3	934.3	29.9	38.0	98.2	1.6	32.0	
4	978.4	27.2	47.0	207.7	2.4	28.3		4	933.4	28.9	38.0	133.6	1.1	31.0	
5	925.9	27.8	54.0	127.4	3.5	27.0		5	926.2	29.4	40.0	143.4	3.6	27.7	
6	940.1	27.8	47.0	167.4	1.6	24.5		6	940.1	30.0	39.0	90.0	2.2	30.3	
7	0.0	27.8	46.0	141.4	1.7	30.8		7	0.0	29.4	35.0	133.0	2.2	31.7	
8	950.2	26.7	51.0	152.5	2.1	27.7		8	950.2	28.9	39.0	146.4	1.5	30.5	
9	931.6	26.7	42.0	159.8	2.4	27.5		9	930.9	28.3	37.0	168.6	3.1	29.9	
10	957.9	27.8	33.0	123.9	3.9	30.0		10	953.6	29.4	28.0	169.1	1.8	31.7	

JUNE 6, 1977  
1300 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	973.7	70.6	24.0	213.9	2.2	32.9
2	922.1	70.6	30.0	171.2	2.4	31.7
3	974.7	70.6	34.0	97.5	1.7	31.7
4	939.0	30.6	32.0	162.0	2.1	31.3
5	926.2	30.6	36.0	119.7	4.6	29.7
6	979.4	70.6	34.0	145.0	2.9	30.9
7	0.0	30.6	27.0	151.2	2.1	33.2
8	949.0	70.6	32.0	103.6	2.0	31.3
9	970.9	29.9	37.0	115.3	2.5	30.6
10	957.7	70.6	24.0	121.1	4.3	33.0

JUNE 6, 1977  
1400 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	933.0	31.7	21.0	229.6	3.2	33.5
2	921.4	31.1	28.0	85.4	3.2	31.7
3	0.0	31.1	30.0	116.7	1.8	33.5
4	937.7	31.1	30.0	190.0	2.7	32.3
5	926.2	31.7	32.0	45.8	2.9	29.5
6	939.0	31.1	30.0	136.8	2.7	33.4
7	0.0	31.1	27.0	90.1	2.8	33.7
8	949.5	31.7	27.0	55.0	1.7	32.0
9	930.2	30.0	32.0	120.8	2.3	31.8
10	952.6	31.7	23.0	90.7	2.4	33.3

JUNE 6, 1977  
1500 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	932.6	32.2	20.0	75.4	2.3	33.4
2	921.1	31.7	27.0	125.6	2.3	32.8
3	0.0	31.7	30.0	171.4	2.1	34.5
4	977.0	32.2	24.0	160.2	2.1	34.0
5	925.5	31.7	31.0	129.2	2.5	31.5
6	978.7	32.8	25.0	118.9	3.4	32.0
7	0.0	31.7	25.0	96.7	2.7	34.9
8	948.9	32.8	22.0	163.0	2.3	33.3
9	929.2	30.6	29.0	132.8	2.1	32.2
10	952.7	32.2	22.0	54.0	1.8	33.3

JUNE 6, 1977  
1600 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	931.9	32.8	20.0	90.1	2.1	32.6
2	920.1	31.7	27.0	76.6	4.0	32.6
3	0.0	32.2	26.0	106.2	2.1	33.3
4	936.0	32.8	24.0	175.0	2.7	33.0
5	925.2	32.8	27.0	145.1	3.5	31.4
6	937.7	33.3	23.0	97.1	2.8	32.7
7	0.0	32.2	25.0	13.7	2.8	35.0
8	948.2	32.8	20.0	169.0	2.5	33.0
9	928.6	31.1	25.0	23.4	2.9	33.7
10	951.6	32.2	22.0	53.5	0.8	32.6

JUNE 6, 1977  
1700 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	931.7	33.3	20.0	193.6	2.1	33.9
2	919.4	31.7	24.0	64.2	3.3	32.7
3	0.0	32.2	24.0	186.2	1.7	35.4
4	935.7	32.8	23.0	183.5	2.0	33.6
5	924.8	32.2	27.0	46.7	3.4	31.3
6	937.0	32.3	22.0	169.0	1.7	33.0
7	0.0	32.2	25.0	139.6	2.4	35.5
8	947.5	32.8	20.0	117.4	2.7	33.2
9	928.2	31.7	22.0	137.7	2.5	33.2
10	950.6	32.2	23.0	12.5	2.7	32.3

JUNE 6, 1977  
1800 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.6	33.3	20.0	80.6	1.5	32.5
2	919.1	31.7	26.0	74.8	3.3	32.3
3	0.0	31.7	26.0	101.0	1.4	33.3
4	935.0	33.3	22.0	125.8	2.0	33.1
5	923.8	31.7	29.0	136.5	4.0	29.5
6	936.7	33.3	22.0	113.4	2.1	32.6
7	0.0	32.2	24.0	1.9	1.6	34.4
8	945.8	32.8	19.0	156.1	1.9	32.9
9	927.9	31.1	22.0	119.8	2.3	33.0
10	949.9	32.8	22.0	52.2	1.8	33.0

JUNE 6, 1977 1900 CDT								JUNE 6, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	930.2	32.2	20.0	89.7	1.6	33.1		1	930.2	32.2	20.0	96.5	2.4	30.6	
2	919.7	31.1	25.0	104.5	4.7	32.3		2	919.7	30.0	29.0	96.9	4.5	31.0	
3	0.0	32.2	25.0	111.5	2.1	33.1		3	0.0	31.7	27.0	113.4	1.6	32.3	
4	934.6	32.2	24.0	190.1	1.1	32.0		4	934.6	31.7	25.0	153.8	1.7	30.2	
5	923.5	31.1	31.0	116.9	7.8	29.7		5	923.5	30.6	32.0	120.9	4.2	28.9	
6	936.7	32.9	27.0	106.1	2.7	31.4		6	936.7	32.2	23.0	132.5	2.7	29.7	
7	0.0	31.7	24.0	114.1	1.7	34.7		7	0.0	30.6	28.0	115.5	2.0	33.8	
8	946.8	32.2	19.0	173.9	1.9	31.9		8	946.8	31.1	22.0	149.6	1.4	29.6	
9	927.5	31.1	22.0	151.1	2.2	32.5		9	927.9	30.0	26.0	146.1	2.0	30.9	
10	949.9	32.2	24.0	33.0	4.1	32.1		10	949.9	31.7	29.0	95.0	2.1	30.8	

JUNE 6, 1977 2100 CDT								JUNE 6, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	930.5	30.0	24.0	90.1	1.5	25.5		1	931.3	26.1	32.0	68.5	1.3	22.8	
2	919.1	26.7	34.0	95.2	2.6	27.3		2	919.4	24.4	37.0	97.7	2.7	24.8	
3	0.0	31.1	29.0	221.3	0.9	27.3		3	0.0	27.2	34.0	175.3	1.0	25.2	
4	935.0	29.4	33.0	145.1	2.0	26.2		4	935.7	26.7	35.0	163.8	1.9	25.2	
5	927.5	27.2	35.0	115.1	2.4	25.3		5	923.5	23.9	40.0	108.7	2.2	22.3	
6	936.7	30.0	29.0	124.9	2.0	25.0		6	937.0	26.7	35.0	129.6	2.0	24.1	
7	0.0	27.7	33.0	124.6	1.7	24.1		7	0.0	24.4	39.0	154.4	1.3	26.0	
8	946.8	29.9	31.0	123.1	0.4	25.3		8	947.2	25.6	46.0	179.7	0.6	22.7	
9	929.2	26.7	32.0	115.4	1.1	25.7		9	929.5	23.9	38.0	121.9	0.8	22.3	
10	950.2	30.0	42.0	111.7	4.4	27.2		10	950.5	27.2	41.0	155.0	1.6	25.3	

JUNE 6, 1977 2300 CDT								JUNE 6, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	931.2	24.4	37.0	224.0	1.1	21.9		1	932.3	23.9	41.0	290.2	1.0	21.6	
2	920.1	22.9	42.0	171.7	2.9	22.9		2	920.4	21.7	44.0	113.8	1.6	21.3	
3	0.0	25.6	38.0	149.8	0.9	23.5		3	0.0	25.0	41.0	168.5	0.7	23.1	
4	935.7	25.0	39.0	155.2	2.3	23.0		4	936.0	23.3	43.0	172.0	1.1	21.6	
5	923.1	27.3	43.0	125.4	2.4	20.3		5	923.1	22.2	47.0	140.3	2.8	19.9	
6	937.4	25.5	34.0	176.7	1.2	22.0		6	937.4	23.9	43.0	207.6	1.6	20.4	
7	0.0	27.9	42.0	171.5	1.5	24.3		7	0.0	21.7	49.0	202.3	1.0	23.0	
8	947.2	22.9	53.0	187.6	0.5	20.3		8	947.2	22.8	61.0	325.0	0.1	19.4	
9	929.9	21.7	42.0	87.2	0.8	20.9		9	929.9	20.6	46.0	88.0	0.9	19.5	
10	951.2	25.0	52.0	120.4	2.9	23.5		10	951.6	23.9	52.0	218.5	3.9	22.4	

JUNE 7, 1977													
200 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	923.0	22.2	66.0	35.7	3.8	19.4	1	923.0	22.2	66.0	35.7	3.8	19.4
2	920.8	18.9	56.0	46.0	0.9	19.0	2	920.8	18.9	56.0	46.0	0.9	19.0
3	0.0	23.9	43.0	309.2	0.5	22.8	3	0.0	23.9	43.0	293.0	1.1	19.1
4	936.0	22.8	48.0	109.6	0.5	20.6	4	936.0	22.8	48.0	2.8	0.9	21.1
5	922.8	21.1	49.0	148.8	1.9	19.4	5	922.1	20.6	50.0	154.8	1.3	17.3
6	937.4	22.8	45.0	221.3	1.3	20.1	6	937.4	21.7	49.0	237.8	0.3	18.7
7	0.0	21.7	51.0	216.4	1.4	22.2	7	0.0	20.0	56.0	132.1	0.3	19.3
8	947.2	21.7	72.0	212.1	0.1	18.1	8	947.2	20.6	83.0	87.4	0.1	17.0
9	928.9	19.4	50.0	91.9	0.3	19.5	9	928.9	18.9	54.0	129.2	0.5	17.3
10	951.2	22.2	56.0	145.9	0.7	21.4	10	951.2	22.2	61.0	324.1	1.7	21.7

JUNE 7, 1977													
400 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	933.6	20.6	66.0	28.5	2.1	17.4	1	933.6	20.6	66.0	28.5	2.1	17.4
2	921.1	19.4	76.0	62.3	5.9	18.9	2	921.1	19.4	76.0	62.3	5.9	18.9
3	0.0	20.6	68.0	27.7	2.2	19.6	3	0.0	20.6	68.0	27.7	2.2	19.6
4	936.7	21.7	70.0	39.0	5.5	19.0	4	936.7	21.7	70.0	39.0	5.5	19.0
5	922.1	19.9	53.0	64.2	1.0	16.3	5	922.1	19.9	53.0	64.2	1.0	16.3
6	938.0	20.0	61.0	35.8	4.6	19.5	6	938.0	20.0	61.0	35.8	4.6	19.5
7	0.0	19.9	66.0	253.0	0.8	18.7	7	0.0	19.9	66.0	253.0	0.8	18.7
8	947.9	22.8	58.0	31.3	4.8	20.0	8	947.9	22.8	58.0	31.3	4.8	20.0
9	928.6	17.8	63.0	118.8	0.6	15.6	9	928.6	17.8	63.0	118.8	0.6	15.6
10	951.2	22.8	62.0	310.7	3.8	20.2	10	951.2	22.8	62.0	310.7	3.8	20.2

JUNE 7, 1977													
600 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	934.0	18.3	67.0	32.4	1.5	15.0	1	934.0	18.3	67.0	32.4	1.5	15.0
2	921.4	17.2	73.0	72.3	6.4	16.5	2	921.4	17.2	73.0	72.3	6.4	16.5
3	0.0	19.4	69.0	38.2	3.0	17.4	3	0.0	19.4	69.0	38.2	3.0	17.4
4	927.0	18.9	68.0	37.2	3.7	16.4	4	927.0	18.9	68.0	37.2	3.7	16.4
5	922.5	18.9	82.0	51.4	5.6	15.9	5	922.5	18.9	82.0	51.4	5.6	15.9
6	938.4	20.0	65.0	47.0	4.3	16.8	6	938.4	20.0	65.0	47.0	4.3	16.8
7	0.0	18.9	75.0	18.1	2.1	18.7	7	0.0	18.9	75.0	18.1	2.1	18.7
8	948.2	19.4	74.0	42.1	4.9	17.4	8	948.2	19.4	74.0	42.1	4.9	17.4
9	929.2	18.9	68.0	41.6	2.4	17.6	9	929.2	18.9	68.0	41.6	2.4	17.6
10	951.9	22.8	67.0	354.5	4.0	20.0	10	951.9	22.8	67.0	354.5	4.0	20.0

JUNE 7, 1977 700 CDT							JUNE 7, 1977 800 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	974.7	17.7	70.0	33.0	1.4	14.5	1	974.6	18.3	68.0	21.0	3.1	16.5
2	922.1	17.9	65.0	74.0	4.0	15.6	2	922.5	20.0	58.0	71.8	7.5	17.8
3	0.0	18.3	70.0	22.7	2.6	15.9	3	0.0	17.8	72.0	59.2	4.3	18.7
4	937.4	17.8	70.0	76.8	4.2	15.2	4	937.7	17.9	67.0	34.7	5.4	16.7
5	922.9	17.9	82.0	62.3	5.5	14.5	5	923.5	19.4	71.0	65.0	6.4	15.3
6	939.7	18.9	66.0	47.0	2.9	16.3	6	939.4	19.4	67.0	41.2	4.3	17.1
7	0.0	17.8	77.0	42.1	1.8	17.5	7	0.0	18.9	67.0	53.1	3.0	19.2
8	949.5	18.9	77.0	41.2	1.7	15.7	8	949.2	19.4	70.0	43.4	3.8	17.4
9	929.9	18.9	77.0	61.5	2.5	16.9	9	930.2	20.0	77.0	64.2	4.0	18.3
10	952.9	21.1	74.0	50.0	2.0	20.1	10	953.3	21.1	68.0	63.4	4.3	20.8

JUNE 7, 1977 900 CDT							JUNE 7, 1977 1000 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	975.0	20.6	60.0	59.2	5.0	18.8	1	935.3	22.2	54.0	68.7	5.4	20.3
2	922.2	21.7	51.0	83.8	6.9	19.7	2	922.8	23.9	47.0	80.2	7.6	21.5
3	0.0	20.0	65.0	72.0	4.9	20.7	3	923.6	23.3	46.0	86.6	4.5	23.1
4	939.0	20.5	59.0	45.0	4.0	19.2	4	939.4	22.8	52.0	61.1	6.1	21.1
5	924.1	21.7	43.0	77.8	7.6	17.8	5	924.5	23.9	55.0	73.1	7.2	20.4
6	940.1	21.1	67.0	60.5	5.9	19.0	6	940.1	23.3	57.0	59.9	5.3	21.1
7	0.0	20.6	60.0	64.4	4.8	20.5	7	0.0	22.8	53.0	66.4	5.0	23.2
8	949.5	21.1	67.0	61.9	4.7	19.1	8	949.9	22.8	55.0	63.3	4.4	21.6
9	930.2	22.2	64.0	74.0	4.1	20.2	9	930.2	23.9	56.0	75.1	3.3	22.3
10	953.6	21.7	59.0	72.1	3.3	22.0	10	953.6	23.9	51.0	80.5	2.6	24.2

JUNE 7, 1977 1100 CDT							JUNE 7, 1977 1200 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	935.0	25.0	47.0	91.5	4.5	22.7	1	934.5	25.6	42.0	89.7	3.8	25.5
2	922.5	25.6	42.0	94.7	7.1	23.7	2	922.1	27.2	38.0	95.0	4.9	27.1
3	937.3	25.0	43.0	75.3	4.3	25.4	3	933.0	26.1	38.0	110.4	3.5	28.0
4	938.4	24.4	45.0	55.0	5.3	22.4	4	937.4	28.3	35.0	74.4	4.5	26.6
5	925.2	25.5	50.0	85.8	6.7	22.4	5	924.8	27.8	40.0	75.2	5.9	24.6
6	940.1	27.0	45.0	67.3	5.4	23.1	6	939.4	26.7	41.0	64.1	5.3	25.1
7	0.0	24.4	45.0	63.3	4.7	25.8	7	0.0	26.7	41.0	95.8	4.3	28.0
8	949.9	24.4	47.0	59.8	4.2	23.3	8	949.2	25.1	40.0	999.9	999.9	999.9
9	930.2	24.1	50.0	83.2	3.2	25.9	9	929.9	27.2	43.0	72.2	3.2	27.7
10	953.6	25.0	46.0	67.9	1.6	26.3	10	952.9	26.7	38.0	54.7	0.5	27.6

JUNE 7, 1977 1300 CDT								JUNE 7, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	934.0	26.7	78.0	95.5	3.5	25.6		1	933.3	28.3	34.0	99.4	2.8	27.9	
2	921.4	29.9	75.0	95.4	2.7	29.4		2	920.4	30.0	33.0	110.5	2.7	30.6	
3	932.3	27.8	77.0	101.3	2.9	29.6		3	921.6	29.4	35.0	127.8	2.8	31.2	
4	917.0	29.9	75.0	72.9	4.1	27.5		4	936.0	30.0	32.0	49.0	4.5	28.1	
5	924.9	29.4	41.0	89.2	4.6	27.2		5	924.5	31.1	36.0	42.8	3.3	29.3	
6	938.4	28.9	76.0	86.2	3.7	27.0		6	937.7	30.0	34.0	64.5	3.4	28.4	
7	0.0	27.8	78.0	69.6	3.8	29.7		7	0.0	28.9	35.0	81.1	3.5	31.4	
8	948.5	27.2	78.0	53.5	3.8	25.5		8	947.9	28.9	35.0	102.1	2.9	29.0	
9	929.6	29.0	79.0	92.7	3.4	29.2		9	928.6	30.0	35.0	98.1	2.9	31.0	
10	952.6	23.3	75.0	54.8	3.7	29.4		10	951.6	29.4	33.0	36.8	2.4	30.9	

JUNE 7, 1977 1500 CDT								JUNE 7, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	932.6	28.9	72.0	85.4	3.1	28.9		1	931.9	29.4	31.0	74.1	2.8	30.1	
2	919.4	31.1	71.0	77.4	3.8	31.2		2	919.1	31.7	31.0	148.2	3.3	32.8	
3	930.9	30.0	72.0	97.9	2.9	32.1		3	929.0	30.6	32.0	108.4	2.9	32.7	
4	935.3	30.6	70.0	64.9	4.3	29.3		4	934.3	31.1	28.0	47.0	4.7	29.8	
5	921.9	32.2	73.0	72.7	3.8	30.2		5	922.8	32.2	31.0	130.3	3.7	31.6	
6	937.0	31.1	72.0	55.6	3.4	30.2		6	935.7	31.7	30.0	70.8	3.6	30.2	
7	0.0	30.6	72.0	77.9	2.6	33.1		7	0.0	31.1	31.0	75.1	3.3	30.0	
8	947.2	30.6	72.0	77.1	2.9	30.2		8	945.8	31.1	30.0	63.1	3.7	29.7	
9	927.2	31.1	70.0	70.9	2.6	31.7		9	926.2	32.2	27.0	85.4	2.7	32.1	
10	950.5	30.6	72.0	34.8	0.3	31.1		10	949.5	31.7	29.0	71.4	3.5	32.6	

JUNE 7, 1977 1700 CDT								JUNE 7, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	930.9	30.6	71.0	114.7	3.1	30.3		1	930.2	30.6	29.0	91.6	3.0	30.1	
2	917.4	31.1	71.0	92.4	4.7	31.8		2	915.7	30.6	32.0	93.1	6.2	31.4	
3	929.2	30.6	72.0	117.2	3.4	32.0		3	928.6	30.6	29.0	100.8	3.0	32.3	
4	933.6	31.1	77.0	79.8	4.8	30.2		4	933.0	31.1	26.0	69.6	4.4	30.3	
5	922.1	32.2	70.0	78.7	3.3	31.3		5	921.4	32.2	31.0	69.9	4.8	30.3	
6	935.0	31.7	73.0	75.1	3.0	30.4		6	934.6	31.1	29.0	79.3	4.0	30.1	
7	0.0	31.1	71.0	99.2	3.7	33.9		7	0.0	31.1	31.0	101.2	4.1	32.9	
8	945.8	31.1	27.0	69.3	4.0	30.4		8	945.1	30.6	27.0	81.2	3.5	30.0	
9	925.5	32.2	27.0	84.4	2.9	32.5		9	925.2	31.1	27.0	101.5	2.6	30.8	
10	948.9	32.2	29.0	70.1	3.0	32.5		10	948.5	31.7	27.0	57.5	1.9	31.6	

JUNE 7, 1977  
2000 CDT

STAT NO.	OBSC NO	(A+W) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(WOL) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	020.6	20.6	70.0	97.9	3.3	29.0	1	929.5	29.4	28.0	93.4	4.1	27.7
2	016.7	20.0	70.0	111.0	5.3	30.0	2	916.7	29.3	36.0	96.1	6.4	28.7
3	038.2	30.0	70.0	107.2	7.0	30.7	3	929.2	28.3	30.0	103.0	3.6	30.1
4	033.6	20.6	24.0	103.3	4.6	29.4	4	932.6	28.9	26.0	88.6	4.3	28.8
5	021.1	21.1	22.0	100.1	6.0	29.0	5	921.1	29.4	36.0	112.8	6.0	28.1
6	074.3	20.6	23.0	87.9	4.2	29.3	6	934.3	28.9	31.0	92.5	3.8	27.9
7	000	20.6	21.0	83.4	4.0	29.4	7	0.0	28.9	33.0	98.1	3.4	31.6
8	064.8	20.6	25.0	88.0	7.7	29.0	8	944.8	28.9	26.0	81.0	3.7	27.8
9	025.6	21.1	25.0	101.1	2.5	30.9	9	925.5	29.4	33.0	97.3	3.5	29.1
10	027.0	21.1	20.0	87.5	0.9	30.9	10	927.0	30.6	32.0	69.8	4.3	29.8

JUNE 7, 1977  
2200 CDT

STAT NO.	OBSC NO	(A+W) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	020.6	20.6	70.0	94.9	1.7	23.7	1	930.2	24.4	36.0	112.1	1.4	20.0
2	017.0	24.7	41.0	93.2	4.8	26.4	2	917.4	23.9	44.0	99.9	3.3	23.4
3	028.4	24.1	31.0	105.0	1.4	26.4	3	928.9	22.8	39.0	142.9	0.6	22.6
4	031.0	24.1	23.0	89.0	2.0	24.6	4	933.3	24.4	31.0	83.3	3.0	22.4
5	020.8	20.8	20.0	101.2	5.1	25.4	5	920.8	25.6	44.0	104.7	4.4	22.9
6	026.7	24.1	20.0	113.3	1.9	23.6	6	934.6	22.2	41.0	104.7	2.1	20.2
7	000	24.1	20.0	123.1	1.3	27.5	7	0.0	23.3	44.0	117.0	1.3	24.5
8	021.3	24.7	31.0	80.3	2.3	24.3	8	945.1	23.9	34.0	77.8	1.3	21.3
9	026.8	27.2	21.0	91.5	2.2	24.8	9	926.2	23.9	45.0	79.8	1.8	21.4
10	048.0	28.3	25.0	73.4	2.0	27.0	10	948.5	26.1	41.0	88.1	0.6	24.4

JUNE 7, 1977  
2300 CDT

STAT NO.	OBSC NO	(A+W) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	020.6	20.6	41.0	99.9	1.3	18.7	1	930.6	21.7	42.0	128.4	1.1	17.5
2	017.7	22.2	46.0	103.4	3.3	21.6	2	918.1	21.1	49.0	113.0	3.8	20.1
3	028.6	21.1	42.0	141.3	0.7	20.3	3	924.0	20.0	44.0	191.0	0.8	19.3
4	033.7	21.1	23.0	104.5	2.7	20.2	4	933.3	21.1	39.0	92.9	2.6	19.6
5	020.8	20.8	48.0	102.5	3.3	21.0	5	920.4	22.2	53.0	138.2	3.0	19.7
6	026.0	20.5	45.0	101.1	2.1	19.1	6	935.0	19.4	49.0	104.8	1.8	17.6
7	000	21.7	44.0	119.5	1.5	22.9	7	0.0	20.6	45.0	148.0	1.4	21.6
8	045.1	22.8	39.0	85.9	1.2	19.8	8	945.1	21.1	40.0	94.8	0.8	18.3
9	026.5	22.8	50.0	129.0	1.5	20.2	9	926.5	21.1	59.0	76.0	0.9	18.3
10	049.2	21.4	41.0	137.3	2.4	22.7	10	949.2	22.2	42.0	134.2	4.0	21.3

JUNE 8, 1977													
200 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	930.2	20.6	41.0	263.5	0.4	1	930.2	18.9	53.0	338.3	1.1	16.9
I	2	918.1	20.0	49.0	129.7	3.3	2	918.1	18.9	51.0	120.6	2.4	16.7
I	3	928.0	19.4	45.0	187.5	1.0	3	928.9	19.4	45.0	185.1	1.6	19.5
I	4	937.1	20.4	40.0	97.9	2.5	4	933.0	19.4	42.0	108.5	2.5	18.0
I	5	920.1	20.6	57.0	120.6	2.7	5	919.4	18.9	62.0	113.0	2.0	16.8
I	6	935.0	19.0	50.0	189.6	1.2	6	934.6	17.8	52.0	195.0	0.9	16.1
I	7	0.0	18.9	52.0	220.1	1.4	7	0.0	17.2	60.0	163.2	0.2	17.9
I	8	945.1	20.6	49.0	104.8	0.3	8	944.8	18.9	59.0	149.8	1.0	15.8
I	9	926.2	20.0	65.0	101.9	1.4	9	925.8	19.4	66.0	106.1	1.4	16.8
I	10	940.5	21.1	43.0	146.1	1.0	10	949.2	20.6	44.0	126.3	2.2	19.4

JUNE 8, 1977													
400 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	930.2	18.9	53.0	338.3	1.1	1	930.2	18.3	55.0	321.2	1.4	14.9
I	2	917.7	18.3	45.0	115.5	2.6	2	917.7	17.8	56.0	97.0	2.8	16.5
I	3	928.4	19.3	43.0	114.0	0.3	3	929.2	17.2	52.0	20.1	0.7	17.1
I	4	932.7	19.4	43.0	105.5	2.4	4	932.6	18.9	44.0	114.1	2.3	17.3
I	5	918.7	19.3	65.0	115.0	1.8	5	918.4	17.8	69.0	125.8	1.8	15.4
I	6	938.3	17.2	56.0	191.6	0.0	6	934.3	16.1	58.0	323.7	1.3	14.2
I	7	0.0	14.7	67.0	59.6	0.4	7	0.0	16.1	62.0	108.3	0.1	16.5
I	8	944.5	17.8	69.0	78.1	0.3	8	944.1	16.7	69.0	118.3	0.2	14.1
I	9	925.8	18.3	69.0	72.4	0.9	9	925.5	17.8	72.0	102.6	0.9	14.9
I	10	948.0	16.4	51.0	152.8	2.6	10	948.9	18.3	54.0	171.1	0.6	17.0

JUNE 8, 1977													
600 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	929.9	17.2	59.0	294.5	1.1	1	929.9	17.2	62.0	310.6	1.2	14.7
I	2	917.7	17.2	59.0	90.4	2.4	2	917.7	16.1	50.0	82.2	2.3	15.2
I	3	928.2	14.1	57.0	5.9	0.6	3	928.2	15.6	60.0	87.4	0.3	15.4
I	4	932.7	17.2	48.0	105.1	2.4	4	932.3	17.2	52.0	156.9	0.8	15.4
I	5	919.1	17.2	71.0	94.5	1.5	5	918.1	16.1	72.0	85.2	1.6	13.5
I	6	934.3	15.6	60.0	341.6	1.0	6	934.3	14.4	64.0	2.6	0.3	13.3
I	7	0.0	15.6	56.0	284.4	0.6	7	0.0	15.0	68.0	242.2	0.3	15.5
I	8	944.1	15.1	76.0	109.9	0.9	8	944.1	16.7	66.0	118.5	0.2	13.7
I	9	925.5	17.2	75.0	94.8	1.2	9	925.8	16.7	77.0	94.3	1.2	14.0
I	10	948.9	17.8	57.0	177.6	2.2	10	949.2	17.2	59.0	141.4	3.8	16.4



JUNE 8, 1977 700 CDT								JUNE 8, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	920.9	16.7	62.0	378.1	1.4	13.4		1	930.2	17.2	63.0	296.9	1.3	15.9	
2	917.7	17.2	55.0	110.2	1.5	15.0		2	918.1	21.1	52.0	148.1	2.4	18.5	
3	928.2	15.6	59.0	106.5	0.2	15.8		3	928.6	18.0	56.0	161.0	1.7	20.6	
4	932.6	17.2	57.0	130.2	2.0	15.6		4	933.0	20.0	51.0	177.5	3.5	19.9	
5	919.1	15.7	71.0	169.7	1.4	13.4		5	919.1	20.6	62.0	148.0	2.2	16.9	
6	924.7	14.4	64.0	154.1	1.5	14.1		6	934.6	18.9	55.0	159.8	1.5	18.4	
7	0.0	15.6	66.0	156.8	1.1	16.8		7	0.0	18.3	64.0	168.4	1.0	20.8	
8	944.5	16.1	82.0	243.1	0.0	14.2		8	944.5	18.9	65.0	99.3	0.7	18.9	
9	926.5	16.7	71.0	132.7	1.2	14.0		9	926.5	18.3	65.0	129.3	1.7	17.6	
10	949.2	17.2	60.0	177.1	0.8	15.5		10	949.2	17.8	59.0	121.3	2.3	19.4	

JUNE 8, 1977 900 CDT								JUNE 8, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	920.9	20.4	52.0	173.3	2.9	21.0		1	929.9	25.0	43.0	185.4	4.5	24.7	
2	913.1	27.9	45.0	163.3	4.4	22.7		2	918.1	26.7	40.0	171.2	5.0	25.7	
3	928.6	22.2	47.0	177.2	3.5	24.2		3	923.2	25.6	44.0	187.2	3.5	27.3	
4	933.0	22.8	44.0	187.1	4.4	22.7		4	933.0	25.6	43.0	183.4	5.0	25.2	
5	920.1	22.2	53.0	164.9	4.2	21.2		5	920.4	25.0	44.0	175.4	5.2	24.6	
6	924.6	23.7	46.0	163.5	2.8	22.5		6	934.6	26.1	45.0	172.8	4.0	25.5	
7	0.0	21.7	54.0	147.5	2.4	25.0		7	0.0	25.6	48.0	177.5	3.5	28.6	
8	944.9	22.2	54.0	152.7	3.2	22.6		8	944.3	25.6	48.0	175.8	3.3	25.8	
9	926.9	22.7	54.0	169.7	3.0	22.2		9	926.5	25.1	44.0	176.2	4.0	26.0	
10	949.5	20.6	55.0	107.9	0.4	22.0		10	949.2	23.3	50.0	76.3	3.2	25.2	

JUNE 8, 1977 1100 CDT								JUNE 8, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	929.2	27.9	41.0	194.2	4.4	27.6		1	928.9	30.0	37.0	210.4	4.2	30.0	
2	917.4	27.9	35.0	183.7	7.0	28.1		2	916.7	30.0	31.0	179.1	5.5	29.7	
3	927.6	29.3	41.0	212.5	4.2	30.2		3	927.5	30.0	36.0	202.0	3.8	31.6	
4	932.5	29.3	41.0	195.4	5.2	27.8		4	921.9	29.4	39.0	212.9	4.2	30.2	
5	920.9	27.8	39.0	190.4	5.7	26.7		5	920.8	29.4	33.0	189.0	4.7	28.8	
6	924.0	29.9	40.0	196.1	4.9	29.0		6	923.6	31.1	34.0	194.6	4.2	30.0	
7	0.0	29.3	44.0	201.2	3.6	31.3		7	0.0	30.0	37.0	197.7	3.6	32.9	
8	944.5	27.3	45.0	168.2	3.5	29.4		8	944.1	30.6	40.0	192.0	3.8	30.4	
9	924.2	28.3	39.0	189.0	4.6	27.8		9	925.8	29.4	33.0	173.6	4.3	29.7	
10	948.5	25.6	47.0	170.2	1.8	30.6		10	947.9	29.4	40.0	160.2	1.4	32.3	

JUNE 8, 1977 1300 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	928.2	31.7	32.0	155.5	4.0	31.3	1	927.5	33.3	27.0	169.0	3.5	32.2
2	914.0	31.7	25.0	172.6	5.2	31.2	2	915.3	35.2	21.0	171.4	5.1	31.0
3	926.5	31.7	33.0	174.3	3.7	33.2	3	925.8	32.2	27.0	169.5	3.4	34.4
4	921.7	31.7	74.0	162.2	4.4	31.3	4	920.6	32.8	30.0	206.4	4.0	32.3
5	920.4	31.1	25.0	202.4	4.7	29.9	5	920.1	31.7	25.0	178.7	5.4	31.0
6	932.0	32.2	30.0	173.0	3.3	32.0	6	932.3	33.9	27.0	146.3	4.5	33.4
7	920.0	31.7	33.0	159.8	3.2	34.1	7	935.7	32.9	29.0	180.6	3.0	35.5
8	943.5	32.2	33.0	154.3	3.1	32.6	8	942.9	32.8	30.0	154.5	3.6	32.1
9	925.2	30.6	30.0	177.9	4.7	30.4	9	924.5	32.2	25.0	175.5	4.5	32.7
10	947.2	31.1	33.0	179.7	0.7	33.5	10	946.5	32.2	28.0	153.4	4.2	35.1

JUNE 8, 1977 1600 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	926.5	31.9	24.0	202.3	4.5	33.8	1	925.9	35.0	21.0	166.4	4.9	34.4
2	914.7	33.9	20.0	169.9	5.7	32.6	2	913.6	34.4	18.0	169.2	5.4	33.8
3	925.5	33.3	24.0	197.5	7.9	35.0	3	924.8	33.9	23.0	186.3	4.2	35.0
4	929.0	33.9	24.0	184.1	4.6	33.2	4	929.2	33.9	25.0	192.6	4.4	33.8
5	920.1	31.7	32.0	172.4	6.3	31.9	5	919.4	32.9	20.0	184.5	6.1	32.4
6	931.5	34.4	24.0	177.1	3.9	34.5	6	930.9	35.0	25.0	152.5	4.9	32.8
7	935.7	33.7	25.0	175.1	4.0	35.0	7	935.0	33.3	27.0	192.5	3.2	36.3
8	942.4	33.9	27.0	160.5	3.9	33.5	8	941.8	34.4	26.0	145.1	4.0	33.9
9	924.1	32.8	23.0	175.1	5.0	32.8	9	923.5	32.9	21.0	189.1	4.8	33.3
10	945.8	33.3	25.0	139.7	3.0	35.7	10	945.1	33.9	25.0	147.8	2.1	35.4

JUNE 8, 1977 1700 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	925.2	35.0	21.0	179.3	5.5	34.2	1	924.8	34.4	20.0	164.3	5.9	33.6
2	913.3	37.3	17.0	165.0	6.4	32.9	2	912.6	33.9	16.0	162.1	6.6	33.3
3	924.1	33.9	23.0	189.8	4.9	35.7	3	923.5	33.3	23.0	162.7	5.5	34.9
4	928.9	34.4	25.0	178.9	5.0	33.2	4	929.2	33.9	25.0	168.4	5.5	33.4
5	918.7	31.7	20.0	174.0	6.3	30.7	5	913.4	33.3	20.0	166.1	5.9	32.0
6	930.6	35.0	29.0	165.3	5.1	34.4	6	930.2	33.3	25.0	147.0	5.5	32.1
7	934.3	33.3	24.0	151.5	4.5	34.2	7	933.6	33.9	23.0	195.2	4.0	36.0
8	941.1	34.4	24.0	143.8	5.2	33.1	8	940.4	33.9	25.0	159.4	4.6	32.6
9	922.9	33.3	21.0	163.5	5.1	32.7	9	922.5	32.9	21.0	156.7	4.8	32.3
10	944.1	34.4	22.0	162.2	2.0	36.4	10	943.8	35.0	23.0	126.5	2.7	35.8

JUNE 8, 1977  
2000 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	924.5	33.6	21.0	169.5	5.2	32.5
2	917.0	33.9	19.0	155.2	4.6	31.5
3	923.1	33.3	23.0	161.1	5.1	33.0
4	927.9	33.3	25.0	177.2	4.3	31.9
5	915.1	33.9	21.0	173.2	6.4	30.9
6	920.6	33.9	27.0	176.9	5.1	32.3
7	917.0	33.3	27.0	167.8	5.5	34.7
8	940.1	33.3	25.0	144.4	3.9	32.5
9	927.1	33.2	25.0	165.4	5.4	30.6
10	941.5	33.6	22.0	153.1	3.0	24.6

JUNE 8, 1977  
2200 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	925.2	31.1	25.0	162.6	3.2	23.4
2	912.3	29.4	21.0	141.7	4.1	27.9
3	927.8	30.0	27.0	143.8	3.2	30.2
4	920.4	28.9	20.0	162.0	4.1	27.1
5	919.1	30.0	25.0	143.4	4.2	27.3
6	920.2	30.0	30.0	167.3	2.6	28.0
7	924.3	30.0	29.0	176.5	1.9	30.0
8	940.7	30.0	30.0	150.1	3.0	26.7
9	923.8	29.0	25.0	171.1	4.0	26.7
10	944.1	31.7	22.0	141.3	2.0	30.6

JUNE 8, 1977  
2400 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	926.2	25.1	37.0	167.9	2.1	22.6
2	917.7	25.1	31.0	163.1	5.3	24.9
3	924.8	25.7	26.0	160.0	3.4	27.1
4	923.2	25.6	42.0	170.9	4.2	24.3
5	918.4	25.1	33.0	175.1	3.8	23.0
6	911.7	25.0	42.0	165.5	2.2	22.7
7	913.2	25.1	35.0	192.8	1.9	25.6
8	941.4	25.0	47.0	173.0	1.1	22.8
9	927.5	25.0	45.0	181.7	3.5	22.6
10	945.1	25.9	40.0	178.9	4.4	27.2

JUNE 9, 1977 100 CDT							JUNE 9, 1977 200 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	926.9	25.1	42.0	204.4	4.4	23.9	1	926.9	26.7	42.0	207.3	4.0	23.3
2	914.3	23.3	39.0	170.1	3.4	21.2	2	914.3	21.7	43.0	150.4	2.6	20.0
3	925.2	26.1	40.0	207.2	4.9	25.3	3	925.2	25.0	43.0	208.0	4.2	25.6
4	929.4	21.7	54.0	205.8	2.3	20.9	4	929.9	20.0	61.0	186.5	2.3	19.6
5	917.7	22.2	41.0	157.4	2.1	19.2	5	917.7	21.1	45.0	152.3	2.2	18.5
6	931.5	22.8	50.0	182.6	1.4	20.0	6	931.6	21.1	55.0	176.3	1.4	19.0
7	935.7	23.2	49.0	206.7	1.7	23.5	7	935.7	22.8	53.0	196.4	1.6	22.3
8	941.4	25.0	51.0	156.0	1.0	20.5	8	941.8	21.7	70.0	179.3	1.4	19.6
9	933.8	22.2	56.0	173.7	2.5	19.3	9	924.1	21.7	61.0	170.4	3.0	19.0
10	945.8	25.0	49.0	174.5	1.3	25.2	10	945.8	25.6	52.0	188.1	2.3	23.9

JUNE 9, 1977 300 CDT							JUNE 9, 1977 400 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	926.9	25.6	43.0	199.4	4.3	22.1	1	927.2	23.9	49.0	192.3	3.4	20.8
2	914.7	20.6	45.0	137.0	2.8	19.2	2	914.7	20.0	49.0	150.5	2.6	18.6
3	925.5	24.4	46.0	206.6	4.3	23.8	3	925.5	23.3	51.0	194.4	3.6	22.7
4	930.2	20.0	57.0	189.5	3.1	19.2	4	930.2	18.9	66.0	193.6	2.2	17.6
5	917.4	20.6	42.0	173.5	3.0	17.7	5	917.4	20.8	51.0	164.9	5.3	17.5
6	931.9	21.1	50.0	179.5	2.9	18.8	6	932.3	21.1	62.0	183.9	2.4	18.9
7	935.7	22.2	59.0	189.6	2.6	22.5	7	936.0	22.2	61.0	184.2	3.1	22.7
8	942.1	21.7	67.0	184.3	1.8	19.0	8	942.1	21.7	70.0	189.7	2.4	19.4
9	924.1	21.1	67.0	176.6	3.6	18.4	9	924.1	22.8	71.0	173.2	4.3	18.4
10	946.2	23.9	62.0	191.0	3.6	23.0	10	946.5	23.9	64.0	189.4	0.0	23.2

JUNE 9, 1977 500 CDT							JUNE 9, 1977 600 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	927.2	23.3	52.0	197.6	4.2	20.3	1	927.5	22.2	59.0	197.7	2.9	18.7
2	914.7	19.4	57.0	149.3	3.7	17.4	2	915.0	19.4	60.0	153.4	3.8	17.1
3	925.8	22.8	58.0	202.6	3.8	22.5	3	925.8	22.2	65.0	190.7	4.2	21.6
4	930.2	18.9	60.0	197.0	2.6	17.7	4	930.6	17.8	76.0	202.0	2.1	15.5
5	917.4	20.6	57.0	161.3	5.0	15.8	5	917.4	20.0	63.0	165.9	4.8	16.2
6	932.3	21.1	67.0	192.0	3.4	18.7	6	932.3	21.1	69.0	180.4	4.6	18.8
7	935.7	21.7	67.0	197.9	3.4	21.8	7	935.0	21.7	69.0	183.7	3.8	22.3
8	942.1	21.7	76.0	183.3	2.4	19.4	8	942.4	21.7	82.0	163.0	0.5	19.1
9	924.1	20.6	76.0	173.9	3.0	17.3	9	924.1	20.0	77.0	150.1	2.4	16.8
10	946.5	23.3	69.0	197.2	4.1	22.4	10	946.5	23.3	70.0	194.6	4.0	22.6

JUNE 9, 1977 700 CDT								JUNE 9, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	927.0	22.2	65.0	203.9	3.7	19.7		1	928.2	22.8	68.0	187.1	4.1	21.5	
2	915.0	18.0	66.0	192.9	3.6	17.3		2	915.3	19.4	70.0	173.7	5.7	19.6	
3	925.2	21.1	71.0	190.2	2.5	20.5		3	926.5	22.2	65.0	192.4	4.5	22.8	
4	930.9	17.8	81.0	170.5	2.7	16.7		4	931.6	21.7	70.0	174.0	4.4	20.6	
5	917.7	19.4	69.0	171.5	4.5	16.4		5	919.4	20.0	70.0	182.7	6.4	18.0	
6	922.6	21.1	71.0	170.0	3.1	19.1		6	923.0	21.7	70.0	165.3	4.4	20.8	
7	927.0	21.1	72.0	202.4	4.1	21.9		7	926.7	21.7	71.0	197.4	4.9	23.8	
8	942.4	19.4	70.0	181.4	0.8	17.1		8	942.8	21.1	82.0	107.6	1.7	21.4	
9	924.5	19.4	72.0	171.9	2.6	17.0		9	925.2	20.6	71.0	180.5	4.3	19.2	
10	946.5	23.3	70.0	170.1	3.6	22.6		10	947.2	22.8	68.0	175.6	2.5	23.9	

JUNE 9, 1977 900 CDT								JUNE 9, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	928.6	24.4	65.0	190.8	6.0	24.2		1	928.6	26.7	55.0	199.6	6.4	26.5	
2	916.0	21.7	65.0	178.8	7.9	22.5		2	916.4	26.1	53.0	177.3	7.8	26.2	
3	0.0	24.1	67.0	197.0	4.7	25.9		3	0.0	26.7	52.0	201.7	5.3	28.3	
4	931.0	27.9	65.0	182.5	6.0	23.9		4	931.9	26.7	50.0	191.6	6.5	27.1	
5	919.4	22.8	63.0	185.2	7.4	21.1		5	920.1	26.1	50.0	193.5	8.3	24.7	
6	937.3	24.4	63.0	181.6	5.4	24.4		6	937.3	27.8	47.0	188.9	7.1	27.6	
7	927.0	23.0	63.0	178.9	5.7	26.6		7	937.0	26.7	52.0	199.6	6.3	29.4	
8	947.1	25.0	65.0	164.6	4.6	25.0		8	943.8	27.9	50.0	168.2	4.7	28.0	
9	925.5	23.0	64.0	195.9	5.9	23.5		9	925.5	26.7	44.0	192.6	7.2	26.4	
10	947.0	25.0	60.0	144.3	1.7	27.1		10	947.9	27.8	50.0	173.0	1.4	28.6	

JUNE 9, 1977 1100 CDT								JUNE 9, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	929.2	28.9	47.0	194.2	4.1	29.7		1	929.2	31.7	38.0	192.6	5.7	31.3	
2	916.0	29.4	41.0	194.5	5.0	29.0		2	915.7	31.1	31.0	190.3	5.6	31.6	
3	0.0	29.4	41.0	199.6	4.9	31.2		3	0.0	31.7	33.0	193.3	4.5	33.8	
4	931.6	27.4	40.0	195.6	6.9	29.7		4	931.6	31.1	33.0	194.6	6.3	31.5	
5	920.4	28.7	39.0	195.8	7.1	27.0		5	920.8	30.6	30.0	190.8	6.0	30.4	
6	927.0	30.6	40.0	196.6	5.8	30.1		6	933.0	32.2	32.0	186.2	5.6	31.8	
7	927.0	28.9	44.0	199.6	5.7	31.4		7	937.0	31.1	37.0	11.0	5.5	33.1	
8	947.8	29.4	43.0	171.6	4.7	29.8		8	947.9	32.2	36.0	175.0	4.9	31.7	
9	925.5	29.9	39.0	199.9	6.4	29.9		9	925.2	30.6	32.0	184.1	5.3	30.7	
10	947.9	30.0	41.0	180.1	1.8	30.7		10	947.2	32.2	31.0	179.4	2.8	33.5	

JUNE 9, 1977 1300 CDT								JUNE 9, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	33.3	21.0	179.7	6.1	33.0		1	927.2	34.4	25.0	189.4	5.9	34.0	
2	915.3	32.4	25.0	172.1	5.0	33.3		2	914.7	34.4	21.0	182.4	5.3	33.6	
3	0.0	32.8	29.0	186.4	6.0	34.5		3	0.0	33.9	25.0	169.4	5.1	35.5	
4	931.7	32.8	29.0	184.3	6.3	32.5		4	930.6	33.9	24.0	173.0	6.3	33.5	
5	921.1	32.2	26.0	173.3	5.2	31.6		5	920.4	33.3	23.0	175.6	6.1	32.0	
6	932.6	31.9	24.0	183.0	5.1	33.2		6	932.2	34.4	26.0	170.3	5.1	34.2	
7	926.7	33.3	29.0	187.6	4.6	35.1		7	935.3	34.4	28.0	184.8	4.8	36.4	
8	943.1	33.9	28.0	161.8	4.9	33.2		8	942.8	34.4	24.0	161.7	4.8	33.8	
9	924.8	31.7	26.0	195.9	5.4	31.6		9	924.1	32.8	25.0	186.0	4.9	32.3	
10	946.8	33.7	27.0	179.9	0.2	34.6		10	946.2	34.4	26.0	173.0	1.7	35.4	

JUNE 9, 1977 1500 CDT								JUNE 9, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	926.5	35.0	27.0	170.5	6.1	33.9		1	926.2	35.6	22.0	164.0	6.5	35.4	
2	914.0	34.4	19.0	163.6	7.5	34.3		2	913.3	35.0	19.0	164.1	6.6	33.9	
3	0.0	34.4	24.0	153.8	6.0	34.4		3	0.0	34.4	24.0	184.6	4.8	35.9	
4	929.9	34.4	27.0	176.8	6.3	34.2		4	929.6	35.0	21.0	163.1	7.2	34.5	
5	920.1	32.8	27.0	211.8	4.9	30.8		5	920.1	33.9	22.0	165.8	6.8	33.6	
6	921.6	35.6	25.0	170.4	6.3	34.6		6	921.3	35.6	22.0	174.2	5.5	35.0	
7	935.0	35.0	26.0	159.8	4.9	36.9		7	924.6	35.0	22.0	165.3	5.9	36.4	
8	942.1	35.0	22.0	155.4	5.1	37.7		8	941.8	35.6	20.0	161.9	5.3	35.2	
9	927.8	33.3	23.0	180.7	5.6	32.5		9	923.5	33.9	21.0	165.2	5.3	32.7	
10	945.8	35.0	23.0	155.0	2.6	35.9		10	945.1	35.0	20.0	165.4	4.3	36.1	

JUNE 9, 1977 1700 CDT								JUNE 9, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.9	35.1	21.0	165.1	6.1	34.6		1	925.5	35.0	21.0	184.1	6.0	33.1	
2	917.0	33.9	20.0	156.1	7.2	32.8		2	912.6	32.8	21.0	214.8	4.8	31.8	
3	0.0	35.0	27.0	182.4	6.1	35.7		3	0.0	34.4	23.0	180.8	6.4	35.0	
4	929.2	35.0	27.0	158.6	7.9	34.5		4	929.2	34.4	21.0	163.4	7.6	34.1	
5	919.7	33.9	22.0	167.9	6.7	33.3		5	919.4	33.3	22.0	181.5	6.6	31.1	
6	920.0	35.6	23.0	179.7	6.7	34.0		6	920.6	35.0	23.0	178.8	6.7	34.9	
7	934.6	35.0	26.0	169.4	4.5	35.3		7	934.3	34.4	23.0	183.3	5.8	36.3	
8	941.4	35.5	21.0	145.0	5.5	34.5		8	941.1	34.4	22.0	153.2	5.5	33.9	
9	923.5	33.9	21.0	162.7	5.5	37.0		9	923.5	33.3	21.0	172.5	5.6	32.5	
10	945.1	35.0	21.0	168.6	1.4	36.3		10	944.5	34.4	22.0	147.4	2.8	36.4	

JUNE 9, 1977 1900 CDT								JUNE 9, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.5	35.0	21.0	164.1	6.8	33.3		1	925.8	33.9	23.0	169.4	5.5	31.2	
2	912.6	33.9	22.0	161.4	7.9	32.4		2	913.0	32.2	23.0	161.6	7.6	31.1	
3	0.0	33.9	24.0	174.2	6.0	34.8		3	0.0	32.8	25.0	168.9	5.8	32.4	
4	929.2	33.9	22.0	155.8	7.9	33.2		4	929.6	32.2	23.0	158.9	7.6	31.2	
5	919.4	33.9	23.0	179.4	7.9	30.9		5	919.4	32.2	23.0	172.7	7.4	29.0	
6	930.2	34.4	24.0	175.1	6.8	33.5		6	931.3	32.8	27.0	169.7	6.4	31.5	
7	924.6	35.3	23.0	170.5	5.7	35.2		7	935.0	31.7	26.0	166.0	4.9	33.3	
8	941.1	37.0	23.0	142.6	5.5	33.2		8	940.7	32.2	25.0	148.5	5.6	32.8	
9	933.5	37.2	23.0	167.4	6.5	31.0		9	923.8	31.1	24.0	167.4	5.8	29.0	
10	944.5	37.9	23.0	158.2	6.0	35.3		10	945.1	32.2	24.0	183.6	1.6	33.6	

JUNE 9, 1977 2100 CDT								JUNE 9, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	924.2	32.2	24.0	167.4	5.4	29.4		1	925.9	30.0	29.0	168.8	4.0	27.4	
2	913.7	30.0	25.0	157.9	7.9	29.5		2	914.3	28.3	28.0	161.3	6.3	27.5	
3	0.0	31.1	28.0	180.8	4.4	30.5		3	0.0	29.4	30.0	178.1	4.4	29.0	
4	930.2	30.0	25.0	164.1	5.0	28.9		4	931.3	27.8	29.0	176.7	4.5	27.2	
5	919.4	30.4	26.0	156.5	7.2	27.7		5	920.1	28.3	29.0	170.7	6.1	25.9	
6	931.6	31.1	30.0	170.0	4.8	29.6		6	932.6	28.3	35.0	162.1	3.6	26.5	
7	925.7	29.4	27.0	165.3	3.6	30.7		7	935.3	27.8	29.0	174.3	2.5	28.8	
8	941.1	30.6	28.0	156.2	7.0	29.0		8	941.1	28.3	32.0	166.2	2.4	26.5	
9	924.5	29.4	25.0	172.3	4.8	26.6		9	925.5	27.2	31.0	178.4	4.4	25.0	
10	945.5	30.0	29.0	177.0	1.7	31.0		10	946.8	28.9	33.0	174.7	1.2	29.5	

JUNE 9, 1977 2300 CDT								JUNE 9, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.9	29.9	32.0	185.6	4.2	26.4		1	928.6	28.9	33.0	304.9	3.6	24.9	
2	915.7	25.7	31.0	174.9	6.6	25.9		2	916.4	26.1	34.0	231.8	4.1	26.6	
3	0.0	27.8	33.0	190.1	3.4	27.7		3	0.0	26.7	36.0	195.7	3.9	27.8	
4	931.0	26.7	32.0	182.8	5.6	25.6		4	932.3	26.1	35.0	183.4	4.6	25.5	
5	920.4	27.2	31.0	142.3	5.6	24.0		5	920.8	25.6	34.0	174.6	4.2	23.2	
6	933.7	26.7	36.0	168.8	3.9	25.4		6	934.0	26.7	40.0	173.6	2.6	24.5	
7	937.0	26.7	33.0	175.2	3.7	27.4		7	937.4	25.6	36.0	168.2	2.8	26.4	
8	942.1	27.2	36.0	170.8	3.2	24.9		8	943.1	24.4	42.0	165.4	3.6	23.9	
9	926.2	26.1	33.0	182.5	4.8	23.7		9	926.5	25.0	39.0	166.0	3.8	21.9	
10	947.5	27.8	41.0	172.8	1.0	27.7		10	948.2	26.1	49.0	162.1	4.2	26.3	

JUNE 10, 1977 200 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.2	26.7	51.0	289.9	2.4	23.4	1	930.6	25.6	54.0	284.7	1.9	21.9
2	918.1	25.0	40.0	19.9	2.9	23.2	2	918.1	23.3	52.0	108.6	1.6	22.5
3	0.0	27.2	36.0	245.4	2.9	27.5	3	0.0	26.7	37.0	208.6	3.0	26.4
4	933.0	23.9	41.0	187.6	2.6	22.1	4	933.3	22.2	50.0	198.0	2.8	22.4
5	921.4	25.0	74.0	246.4	1.7	22.0	5	920.8	23.3	37.0	152.8	2.0	20.0
6	934.6	24.4	45.0	174.5	2.9	27.2	6	935.0	23.3	51.0	155.4	1.9	21.5
7	937.7	24.4	40.0	161.8	2.9	25.3	7	937.7	22.8	48.0	145.4	1.6	23.4
8	943.8	25.0	51.0	157.5	1.5	22.5	8	943.8	24.4	60.0	129.8	0.5	21.1
9	926.9	22.8	46.0	149.5	2.0	19.1	9	926.9	21.7	53.0	127.0	2.1	17.9
10	948.5	26.1	57.0	149.5	3.4	27.0	10	948.9	25.6	61.0	157.2	2.5	25.8

JUNE 10, 1977 400 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	920.2	23.9	62.0	171.9	1.4	19.3	1	929.9	22.8	66.0	167.8	2.0	18.0
2	917.0	23.3	47.0	142.3	4.1	21.6	2	917.0	22.2	45.0	146.9	5.4	20.8
3	0.0	24.6	41.0	144.5	2.0	23.6	3	0.0	22.2	53.0	170.5	3.1	22.5
4	933.7	21.7	55.0	187.5	2.8	20.6	4	933.0	21.1	62.0	183.0	3.4	20.3
5	920.1	21.1	41.0	121.8	2.3	19.1	5	919.7	20.6	46.0	147.5	3.7	18.1
6	935.0	22.2	57.0	150.7	2.4	20.5	6	935.0	21.1	66.0	148.0	2.3	19.7
7	937.7	22.2	59.0	165.3	1.5	22.6	7	937.7	21.1	63.0	129.6	1.9	21.6
8	943.8	22.8	67.0	129.0	1.1	19.3	8	943.8	22.2	79.0	145.8	2.1	19.9
9	926.9	21.1	51.0	131.0	2.2	17.4	9	926.9	20.6	67.0	132.0	2.6	16.8
10	948.9	24.4	66.0	153.4	2.3	25.1	10	949.2	23.9	71.0	155.5	1.3	24.0

JUNE 10, 1977 600 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	929.5	27.3	60.0	156.7	3.6	20.9	1	929.9	22.8	65.0	173.0	2.2	19.6
2	917.0	21.7	49.0	152.6	5.0	19.7	2	917.0	20.6	67.0	155.7	4.6	19.4
3	0.0	21.7	59.0	175.7	1.6	20.6	3	0.0	20.0	57.0	200.6	1.2	18.7
4	933.0	21.1	69.0	169.1	4.4	20.3	4	933.0	21.7	71.0	167.8	6.5	21.1
5	919.7	20.0	51.0	167.1	4.9	17.8	5	920.1	20.6	57.0	172.5	5.1	17.8
6	935.0	20.6	69.0	147.4	3.8	19.9	6	934.6	20.6	74.0	147.0	4.6	19.0
7	937.7	21.1	67.0	159.5	1.6	20.8	7	937.7	20.6	71.0	147.1	3.7	20.8
8	943.8	22.2	72.0	152.2	2.7	19.9	8	943.8	22.2	81.0	151.7	3.3	19.3
9	926.9	19.4	74.0	135.1	2.5	15.0	9	926.9	19.4	74.0	154.1	2.6	16.7
10	948.9	23.3	75.0	148.0	0.2	23.4	10	949.5	22.8	78.0	161.4	3.3	23.0



JUNE 10, 1977 700 CDT								JUNE 10, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.2	22.8	65.0	188.2	4.2	12.3		1	930.6	22.8	67.0	185.9	4.9	21.4	
2	917.4	20.6	62.0	159.6	4.2	13.3		2	918.1	21.1	64.0	166.9	4.9	20.4	
3	0.0	20.0	71.0	182.7	2.0	19.9		3	0.0	21.7	71.0	178.4	3.2	22.6	
4	933.7	21.7	72.0	197.1	5.4	21.1		4	933.6	22.2	73.0	199.2	7.1	22.2	
5	920.1	20.6	60.0	170.0	4.7	17.7		5	921.1	21.1	63.0	174.4	6.2	19.0	
6	925.0	20.0	70.0	149.8	1.9	19.2		6	925.7	21.1	75.0	164.2	4.2	21.2	
7	928.0	20.6	74.0	167.5	3.1	21.0		7	928.4	21.7	76.0	163.8	4.1	23.1	
8	947.9	21.7	85.0	157.3	3.4	19.9		8	944.1	22.8	85.0	170.7	4.2	22.2	
9	927.2	19.4	77.0	159.1	3.0	15.5		9	927.5	21.1	75.0	170.7	4.7	18.5	
10	949.5	22.2	79.0	161.6	3.5	23.3		10	950.2	22.8	73.0	172.5	3.0	23.1	

JUNE 10, 1977 900 CDT								JUNE 10, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.6	23.9	65.0	180.3	6.3	23.6		1	930.9	26.1	59.0	203.1	6.2	26.0	
2	918.4	22.2	61.0	187.2	7.5	23.5		2	915.7	25.0	54.0	187.6	7.9	25.5	
3	0.0	23.0	64.0	182.1	6.2	25.1		3	930.9	26.1	54.0	194.5	6.2	26.9	
4	934.3	23.9	67.0	195.6	9.0	23.5		4	934.3	25.6	54.0	213.3	7.4	26.0	
5	921.8	22.2	62.0	175.8	7.7	21.3		5	922.1	25.0	50.0	193.1	7.1	24.8	
6	936.0	23.0	67.0	179.9	4.9	23.3		6	936.0	26.1	47.0	181.0	6.3	25.4	
7	929.0	24.4	73.0	167.0	5.2	25.8		7	938.7	26.7	55.0	181.2	5.0	28.4	
8	945.1	23.0	76.0	169.1	5.1	23.2		8	945.5	24.4	62.0	170.4	5.0	26.0	
9	927.0	23.3	69.0	173.0	6.4	21.2		9	927.9	25.0	45.0	184.0	5.7	24.3	
10	950.2	24.4	69.0	174.4	3.3	25.0		10	950.2	27.2	37.0	176.6	4.4	29.0	

JUNE 10, 1977 1100 CDT								JUNE 10, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.0	27.8	47.0	169.3	5.8	27.8		1	931.0	28.9	42.0	190.1	5.9	29.2	
2	919.4	27.9	45.0	189.1	6.3	29.7		2	919.1	30.6	36.0	182.6	5.8	31.5	
3	930.0	29.7	45.0	189.9	5.7	29.0		3	930.6	31.1	38.0	189.8	4.4	32.5	
4	934.7	29.3	45.0	202.6	6.9	29.6		4	934.0	31.1	32.0	196.6	6.4	31.0	
5	929.9	27.8	47.0	191.4	6.5	26.9		5	923.1	29.4	36.0	188.9	5.2	29.2	
6	936.7	28.7	37.0	184.8	5.6	29.5		6	935.7	30.0	32.0	182.5	4.9	31.1	
7	929.4	29.0	40.0	193.0	4.2	30.4		7	929.4	31.1	37.0	176.2	4.0	33.1	
8	945.5	29.7	47.0	171.8	4.2	29.7		8	945.5	30.0	32.0	165.8	4.7	31.6	
9	927.0	27.3	77.0	183.6	5.5	26.7		9	927.5	28.9	37.0	176.7	5.6	28.9	
10	950.2	29.6	29.0	190.4	1.0	30.4		10	949.9	31.1	25.0	177.7	1.1	33.0	

JUNE 10, 1977  
1400 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	921.7	30.6	34.0	199.0	4.2	32.1	1	930.6	32.2	29.0	159.6	4.5	33.6
2	917.7	32.8	30.0	171.2	5.9	33.5	2	917.0	33.9	26.0	165.2	4.4	35.5
3	930.9	31.8	31.0	194.4	4.3	31.9	3	929.9	33.9	29.0	180.5	4.2	36.1
4	924.6	31.7	31.0	173.1	5.2	33.0	4	924.3	33.3	29.0	182.4	5.9	33.1
5	927.1	31.7	31.0	177.3	4.5	31.3	5	922.8	32.8	27.0	190.7	4.5	32.9
6	925.7	32.2	33.0	182.2	4.6	32.6	6	935.0	35.0	25.0	159.6	4.6	34.2
7	929.0	32.3	32.0	193.9	3.9	33.9	7	937.7	33.9	29.0	161.7	3.8	35.7
8	945.1	31.7	27.0	161.4	4.7	33.4	8	945.1	33.3	26.0	146.3	4.8	33.6
9	927.2	30.5	32.0	197.9	5.1	32.4	9	925.9	32.2	26.0	178.3	4.4	32.2
10	949.2	32.8	23.0	152.9	1.7	34.5	10	949.9	33.9	21.0	162.6	2.8	36.3

JUNE 10, 1977  
1600 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	929.9	31.9	25.0	184.7	4.4	34.5	1	939.2	34.4	23.0	175.8	4.4	35.3
2	914.4	35.0	23.0	144.4	4.3	34.7	2	915.3	35.6	21.0	161.6	4.2	35.8
3	928.0	35.0	27.0	147.0	4.5	37.1	3	929.6	35.0	27.0	187.1	3.9	37.8
4	917.6	33.9	24.0	176.2	6.1	33.5	4	933.0	35.0	25.0	163.7	6.7	34.2
5	922.5	34.4	24.0	152.4	4.5	34.8	5	922.1	35.0	23.0	152.4	3.4	33.9
6	925.3	35.1	25.0	159.2	4.7	34.9	6	934.6	34.7	23.0	150.7	4.7	35.1
7	927.0	35.0	27.0	158.8	4.0	37.3	7	936.3	35.6	25.0	145.9	4.4	37.1
8	944.9	34.4	23.0	145.7	5.0	34.5	8	943.8	35.0	22.0	155.2	4.8	34.9
9	926.2	33.3	24.0	165.8	4.0	33.2	9	925.8	33.9	24.0	173.4	4.2	33.5
10	949.2	34.0	20.0	147.0	3.7	34.0	10	947.5	35.0	19.0	169.3	0.2	37.0

JUNE 10, 1977  
1700 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	929.9	35.0	22.0	155.9	4.6	35.2	1	928.6	35.0	21.0	165.2	4.6	34.8
2	915.0	34.1	21.0	151.1	4.9	35.7	2	914.3	35.0	21.0	171.9	5.8	35.1
3	929.2	35.0	26.0	160.3	4.3	38.0	3	927.5	34.4	26.0	169.9	5.0	37.7
4	939.6	35.0	24.0	169.2	6.1	34.3	4	923.3	34.4	25.0	167.3	6.4	34.5
5	931.9	34.4	22.0	151.6	4.9	34.8	5	921.4	35.0	22.0	175.3	5.1	33.6
6	934.3	35.1	27.0	164.4	4.5	35.7	6	934.0	35.6	23.0	152.3	5.8	35.2
7	926.2	35.6	24.0	164.0	4.4	34.1	7	936.0	35.0	24.0	176.1	3.3	37.2
8	947.5	35.0	21.0	167.2	4.4	34.9	8	943.1	35.0	21.0	152.5	5.0	34.8
9	925.5	34.4	24.0	166.6	5.0	33.8	9	925.2	33.9	25.0	182.1	5.2	32.6
10	947.2	35.0	19.0	182.9	0.9	37.6	10	946.5	35.0	18.0	172.3	2.0	37.4

JUNE 10, 1977  
2000 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	928.9	32.2	23.0	163.6	4.1	31.0
2	914.7	31.1	27.0	45.8	10.6	28.4
3	929.9	31.1	29.0	177.7	3.8	32.5
4	932.6	31.7	27.0	170.2	5.3	31.2
5	921.4	32.2	27.0	176.7	6.8	30.6
6	934.3	31.7	28.0	159.8	5.4	30.9
7	935.7	32.8	26.0	171.5	3.8	33.4
8	942.9	32.2	28.0	149.6	3.8	30.9
9	926.2	31.7	29.0	178.1	4.2	30.0
10	946.8	32.8	23.0	171.0	3.4	33.3

JUNE 10, 1977  
2200 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	929.6	29.4	27.0	171.4	4.0	27.8
2	917.0	23.3	55.0	154.6	5.9	26.3
3	929.9	29.3	38.0	205.0	2.6	28.1
4	934.0	28.3	30.0	170.3	5.4	28.3
5	921.4	29.4	32.0	166.0	5.9	27.0
6	935.7	27.2	37.0	157.8	3.3	25.4
7	937.7	28.3	32.0	167.8	2.7	28.5
8	943.5	29.3	32.0	152.1	3.1	26.9
9	927.2	27.8	38.0	175.3	3.7	26.1
10	949.5	28.3	32.0	181.0	0.8	28.7

JUNE 10, 1977  
2400 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.9	26.7	33.0	183.5	2.7	24.9
2	917.4	26.1	43.0	168.7	6.3	24.9
3	930.2	26.7	40.0	184.7	4.4	26.9
4	934.2	26.7	38.0	185.1	6.1	26.7
5	922.1	26.1	36.0	178.3	5.5	23.9
6	936.3	24.4	45.0	164.8	3.5	22.5
7	938.4	25.6	38.0	169.1	3.3	26.6
8	944.5	26.1	40.0	164.1	3.2	24.4
9	927.5	26.1	39.0	177.6	4.3	23.6
10	949.5	26.7	47.0	167.9	3.9	27.5

JUNE 10, 1977  
1900 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	929.0	33.3	21.0	152.6	3.5	32.0
2	918.0	33.3	22.0	174.3	6.5	34.0
3	927.0	32.8	27.0	151.2	4.6	33.7
4	927.3	33.0	25.0	174.0	6.3	34.1
5	921.6	33.9	23.0	145.7	4.2	31.5
6	936.0	33.9	25.0	159.8	6.2	33.7
7	936.0	33.9	24.0	170.9	5.0	36.0
8	943.8	33.9	22.0	143.6	3.0	33.8
9	925.6	32.8	27.0	180.4	5.2	30.8
10	946.5	34.4	20.0	133.7	2.9	25.2

JUNE 10, 1977  
2100 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	925.6	31.7	23.0	182.2	2.1	30.1
2	916.4	26.1	50.0	95.6	7.2	22.6
3	926.5	26.3	74.0	244.6	4.2	28.4
4	933.7	29.4	29.0	148.5	5.2	29.0
5	921.4	31.1	31.0	144.4	2.0	28.6
6	935.0	29.4	31.0	164.7	3.1	28.0
7	937.0	30.6	29.0	156.6	2.8	30.8
8	943.1	30.6	26.0	150.3	3.1	28.4
9	923.6	30.0	31.0	170.1	3.5	24.1
10	947.5	30.0	27.0	180.0	2.6	31.0

JUNE 10, 1977  
2300 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.6	27.8	32.0	154.0	2.0	26.9
2	917.4	24.7	45.0	162.2	6.5	25.0
3	930.2	29.0	39.0	182.8	4.1	20.1
4	936.6	27.9	31.0	174.9	5.8	25.1
5	921.4	27.8	31.0	173.9	5.7	25.5
6	936.0	25.6	41.0	163.0	3.1	24.1
7	934.0	26.7	35.0	143.1	2.7	27.6
8	944.1	27.2	37.0	160.0	3.6	25.5
9	927.5	24.7	35.0	178.7	4.5	25.1
10	949.7	27.2	36.0	144.2	4.0	29.1

JUNE 11, 1977 100 CDT								JUNE 11, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.0	26.7	35.0	190.5	4.1	25.4		1	930.9	25.6	36.0	188.2	3.9	24.2	
2	917.7	25.0	44.0	176.4	6.1	23.3		2	917.7	23.9	46.0	172.2	5.4	22.0	
3	970.2	24.1	42.0	180.9	4.5	25.8		3	929.9	25.0	45.0	190.5	4.1	25.3	
4	934.3	24.1	40.0	185.6	5.1	25.0		4	934.3	23.3	47.0	184.9	2.9	22.6	
5	921.0	25.0	35.0	170.4	5.0	22.5		5	921.1	23.9	42.0	178.0	5.8	21.8	
6	974.3	24.4	45.0	169.1	3.5	22.7		6	936.0	24.4	52.0	184.7	4.5	22.6	
7	979.0	25.6	41.0	177.8	4.1	26.1		7	937.7	24.4	45.0	174.2	4.4	25.0	
8	944.5	24.4	43.0	165.5	2.5	22.9		8	944.5	23.9	55.0	169.0	2.6	22.3	
9	927.9	24.4	44.0	175.8	3.8	22.8		9	927.5	23.3	52.0	171.8	3.3	21.3	
10	949.5	24.1	54.0	170.6	0.3	26.5		10	949.2	25.0	60.0	171.3	0.3	25.4	

JUNE 11, 1977 300 CDT								JUNE 11, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.4	24.4	41.0	197.4	4.8	23.3		1	930.6	23.9	43.0	197.1	4.6	22.5	
2	917.7	22.8	49.0	171.1	5.4	21.4		2	917.4	22.2	52.0	174.4	5.3	20.4	
3	929.9	27.9	52.0	185.0	4.5	23.6		3	929.6	23.3	59.0	194.3	4.3	23.1	
4	974.0	27.8	54.0	198.4	3.7	21.9		4	934.0	22.2	61.0	207.3	3.3	20.9	
5	920.9	27.3	45.0	175.5	5.4	20.6		5	920.1	22.2	49.0	176.9	4.3	19.3	
6	976.0	27.9	58.0	171.8	3.3	21.6		6	935.7	22.8	64.0	174.0	3.6	20.8	
7	977.4	23.9	51.0	174.9	3.4	23.9		7	937.4	22.8	59.0	182.8	3.2	22.9	
8	944.5	23.3	65.0	156.1	2.6	21.5		8	944.1	22.8	72.0	170.8	2.6	21.0	
9	927.2	22.8	59.0	165.3	2.4	20.0		9	927.2	21.1	66.0	167.7	2.1	18.9	
10	949.2	24.4	66.0	168.4	3.8	24.3		10	948.9	23.3	69.0	160.7	3.0	23.6	

JUNE 11, 1977 500 CDT								JUNE 11, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.9	27.3	49.0	193.5	4.5	20.9		1	930.9	22.8	57.0	189.9	3.6	20.4	
2	917.4	21.1	56.0	175.9	3.4	19.4		2	917.4	20.0	61.0	174.6	2.7	17.6	
3	920.9	22.8	64.0	190.3	4.3	22.1		3	929.9	21.1	68.0	185.2	3.0	21.3	
4	974.0	21.1	67.0	192.8	2.5	20.6		4	934.0	20.6	71.0	184.8	3.6	19.2	
5	920.1	21.1	54.0	177.2	3.3	17.8		5	920.1	20.6	60.0	191.1	1.5	16.3	
6	975.7	22.2	67.0	166.1	2.6	19.2		6	935.0	20.6	72.0	166.6	3.0	18.6	
7	977.4	22.2	63.0	178.9	2.6	22.1		7	937.7	21.1	67.0	171.3	3.4	21.1	
8	944.1	22.2	77.0	161.7	2.7	20.5		8	944.1	21.7	82.0	162.3	2.7	19.7	
9	926.0	20.0	71.0	155.7	1.6	17.7		9	926.9	19.4	75.0	162.1	2.0	17.5	
10	948.0	22.2	77.0	180.8	1.6	22.4		10	949.2	22.2	77.0	170.7	0.2	21.9	

JUNE 11, 1977 700 CDT							JUNE 11, 1977 800 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	971.6	21.7	63.0	190.1	7.5	20.1	1	931.6	21.1	64.0	189.5	4.9	21.4
2	917.4	18.9	66.0	161.7	2.5	17.3	2	917.7	19.4	69.0	167.8	4.3	20.1
3	970.2	20.6	71.0	178.8	2.5	20.6	3	930.6	21.7	73.0	185.4	4.4	22.3
4	974.7	20.0	73.0	200.1	3.5	20.0	4	974.6	20.6	78.0	192.8	5.1	21.7
5	970.1	18.7	61.0	171.4	1.5	15.7	5	920.1	18.3	67.0	181.4	4.0	18.4
6	976.0	20.0	75.0	165.1	2.6	17.7	6	976.3	22.2	73.0	168.3	4.3	20.0
7	977.7	20.0	73.0	166.5	3.1	20.9	7	938.4	21.7	76.0	171.6	3.3	22.1
8	944.1	21.1	83.0	133.3	1.8	18.9	8	944.5	22.2	87.0	161.4	3.3	21.0
9	976.0	19.4	80.0	161.5	2.3	17.5	9	927.2	19.4	80.0	164.1	3.6	19.2
10	942.5	20.6	80.0	154.5	2.6	21.6	10	949.9	22.2	78.0	173.5	3.1	23.2

JUNE 11, 1977 900 CDT							JUNE 11, 1977 1000 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	921.6	20.8	67.0	155.2	5.1	23.2	1	931.9	25.0	59.0	191.7	5.1	25.9
2	918.4	20.2	65.0	135.4	6.1	23.9	2	918.4	24.4	62.0	183.2	5.7	25.9
3	970.2	20.2	73.0	192.6	5.8	24.1	3	970.6	25.0	69.0	189.5	5.2	26.4
4	975.3	20.8	74.0	192.0	7.1	22.9	4	935.0	23.9	71.0	193.8	6.2	25.5
5	921.1	21.7	65.0	165.3	6.5	21.3	5	921.8	25.0	65.0	192.4	5.9	23.8
6	976.7	20.9	69.0	178.9	5.3	21.8	6	936.7	25.7	58.0	173.9	5.1	24.7
7	938.7	20.0	76.0	191.7	4.3	24.8	7	938.7	24.4	70.0	177.9	4.2	27.5
8	945.1	20.3	84.0	143.4	4.7	22.4	8	945.5	25.6	76.0	176.7	5.2	26.2
9	927.5	20.3	73.0	191.6	5.7	22.1	9	927.5	26.1	60.0	201.1	6.0	25.1
10	950.2	20.0	72.0	179.3	1.4	25.4	10	949.9	26.7	60.0	185.8	1.5	28.1

JUNE 11, 1977 1100 CDT							JUNE 11, 1977 1200 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	921.6	25.7	57.0	195.9	4.1	27.8	1	931.6	28.3	51.0	190.9	3.3	30.1
2	918.1	26.7	57.0	181.4	5.0	29.1	2	917.7	31.1	37.0	157.2	3.4	31.3
3	970.4	20.2	63.0	195.6	4.3	29.8	3	970.2	30.0	51.0	196.4	3.3	32.1
4	975.0	24.1	65.0	196.5	5.7	29.1	4	934.6	28.3	57.0	187.9	4.5	30.0
5	922.1	24.9	49.0	183.7	5.0	26.2	5	922.5	31.1	43.0	171.6	4.1	28.9
6	976.7	28.0	51.0	177.8	4.5	27.2	6	976.0	31.1	44.0	169.5	4.3	30.4
7	978.0	28.3	55.0	203.0	3.9	30.1	7	978.0	30.6	53.0	161.7	3.6	32.4
8	945.1	20.9	64.0	167.4	4.1	29.5	8	945.1	30.0	58.0	159.3	3.5	30.9
9	927.2	27.8	52.0	190.1	5.5	27.1	9	926.9	30.0	44.0	196.3	4.7	29.7
10	960.5	28.9	53.0	164.5	2.1	30.7	10	948.9	30.6	46.0	161.0	2.2	33.2

JUNE 11, 1977 1300 CDT								JUNE 11, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.9	30.6	47.0	197.6	3.0	33.0		1	930.2	32.2	35.0	154.3	3.5	34.4	
2	917.0	33.3	50.0	178.6	3.7	33.8		2	916.0	34.4	26.0	168.7	3.1	35.5	
3	920.9	31.7	43.0	176.0	2.9	34.8		3	923.2	33.3	37.0	188.9	2.8	36.4	
4	924.7	30.5	49.0	179.8	3.9	32.2		4	933.6	32.2	41.0	169.2	4.0	33.6	
5	922.5	33.3	35.0	185.1	3.5	32.1		5	922.5	35.0	33.0	196.4	3.5	33.4	
6	935.7	32.8	79.0	174.9	3.5	32.6		6	935.0	33.9	33.0	158.2	3.3	33.9	
7	937.7	32.2	47.0	185.1	3.3	34.5		7	936.7	33.3	40.0	157.0	3.5	35.5	
8	944.8	31.7	48.0	165.7	3.0	32.3		8	944.5	32.8	42.0	150.3	3.0	34.0	
9	926.5	31.7	40.0	195.1	3.8	32.0		9	925.8	32.8	34.0	187.7	3.5	34.0	
10	948.5	32.2	42.0	135.8	1.9	34.1		10	947.9	32.8	34.0	171.4	1.1	36.5	

JUNE 11, 1977 1500 CDT								JUNE 11, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	920.2	33.3	29.0	151.2	3.7	35.5		1	928.2	34.4	26.0	169.2	3.5	35.3	
2	915.0	35.6	22.0	159.8	3.2	35.8		2	914.0	35.6	19.0	142.0	3.4	35.6	
3	929.5	34.4	77.0	154.4	3.0	37.0		3	927.5	35.0	31.0	220.1	1.8	39.0	
4	937.0	33.3	35.0	196.0	3.7	33.7		4	931.9	33.9	32.0	189.8	2.3	999.9	
5	922.1	35.6	29.0	154.8	3.2	35.2		5	921.1	36.1	26.0	25.1	2.5	35.2	
6	934.3	34.4	32.0	113.8	3.0	34.4		6	933.6	35.6	30.0	155.2	3.4	35.4	
7	936.7	34.4	34.0	85.7	2.2	37.4		7	935.3	35.0	32.0	149.3	3.6	37.0	
8	947.8	34.4	38.0	140.4	2.9	35.1		8	943.1	35.0	35.0	119.8	3.5	33.0	
9	925.2	33.9	32.0	174.6	3.4	34.8		9	924.5	34.4	29.0	192.0	3.2	34.4	
10	946.8	33.9	32.0	177.9	4.4	36.7		10	946.2	34.4	28.0	156.9	3.0	36.8	

JUNE 11, 1977 1700 CDT								JUNE 11, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	35.0	24.0	165.7	3.6	35.3		1	926.9	35.0	24.0	138.2	3.1	35.5	
2	913.3	35.6	18.0	110.1	3.7	35.8		2	912.3	35.0	18.0	146.4	4.8	35.5	
3	926.9	35.6	29.0	162.4	3.3	38.9		3	926.2	35.0	30.0	154.3	3.8	38.0	
4	931.7	34.4	31.0	162.3	3.6	999.9		4	930.2	34.4	31.0	133.7	4.8	999.9	
5	920.4	35.6	26.0	154.5	3.7	34.6		5	920.1	35.1	25.0	143.2	4.7	34.7	
6	932.6	35.6	29.0	149.7	3.9	35.8		6	931.9	35.6	29.0	135.0	4.8	35.0	
7	924.6	34.1	32.0	160.3	3.6	37.4		7	924.0	35.6	30.0	131.6	3.8	37.3	
8	942.4	34.4	36.0	124.4	3.7	33.4		8	941.8	34.4	36.0	145.2	3.9	33.3	
9	923.5	33.9	29.0	173.5	3.2	34.8		9	923.1	33.9	29.0	150.6	3.6	34.5	
10	945.1	35.6	26.0	179.7	1.8	35.9		10	944.5	35.6	26.0	148.4	0.5	37.1	

JUNE 11, 1977 1900 CDT								JUNE 11, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	026.9	34.4	24.0	141.3	2.7	35.3		1	927.2	33.9	25.0	148.2	3.2	32.1	
2	012.7	37.6	21.0	113.7	5.7	33.9		2	913.0	32.2	25.0	135.9	4.9	32.2	
3	024.7	37.6	31.0	153.9	3.8	35.1		3	926.5	33.3	34.0	146.1	3.7	35.1	
4	020.2	37.9	32.0	159.5	4.4	999.9		4	930.2	32.8	34.0	167.5	4.2	999.9	
5	019.7	35.0	26.0	159.3	4.6	33.2		5	919.7	33.3	30.0	156.0	6.0	32.1	
6	031.0	34.4	23.0	147.2	4.6	34.2		6	932.3	33.3	33.0	129.3	5.1	32.9	
7	034.0	35.0	30.0	139.7	4.2	35.9		7	934.3	33.9	31.0	151.9	4.1	36.4	
8	040.7	34.4	35.0	147.7	3.9	32.6		8	940.7	33.3	36.0	132.0	4.0	31.1	
9	023.1	33.3	31.0	172.3	3.9	32.9		9	923.5	31.7	35.0	167.8	4.5	31.7	
10	044.1	35.0	27.0	154.6	2.9	35.5		10	944.5	33.3	32.0	138.0	3.6	34.3	

JUNE 11, 1977 2100 CDT								JUNE 11, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	027.0	31.1	30.0	129.1	1.2	29.0		1	929.6	26.7	35.0	332.0	9.6	25.6	
2	014.0	19.9	22.0	124.2	2.1	30.9		2	917.7	19.4	69.0	296.5	9.2	18.9	
3	024.9	31.1	32.0	141.3	2.6	31.3		3	927.5	29.4	45.0	138.6	2.8	30.2	
4	020.6	30.0	40.0	141.3	2.7	29.1		4	931.3	27.2	42.0	147.2	3.0	27.3	
5	010.7	31.1	34.0	154.6	4.8	29.7		5	021.1	19.3	85.0	232.9	5.0	26.3	
6	032.6	30.6	32.0	127.0	4.5	29.5		6	933.3	28.9	43.0	136.9	3.4	27.6	
7	034.6	32.2	32.0	153.5	3.2	32.4		7	935.3	29.4	37.0	156.0	3.2	29.9	
8	040.7	31.7	37.0	130.5	2.5	25.8		8	941.1	29.4	46.0	133.3	1.3	27.0	
9	027.8	30.4	40.0	163.1	2.0	23.9		9	924.1	27.8	46.0	171.8	3.0	26.7	
10	044.8	32.2	35.0	135.6	2.9	31.9		10	945.5	30.0	39.0	142.2	3.2	30.6	

JUNE 11, 1977 2300 CDT								JUNE 11, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	021.7	27.3	54.0	370.4	7.5	22.8		1	931.6	21.1	72.0	303.2	2.7	18.9	
2	013.4	19.4	53.0	19.2	6.6	15.9		2	919.7	19.4	68.0	53.5	4.8	16.5	
3	031.7	19.4	89.0	300.5	10.7	17.9		3	931.9	18.3	76.0	314.4	5.2	18.8	
4	031.9	26.7	47.0	151.4	3.7	26.6		4	932.6	22.8	49.0	241.5	8.4	20.4	
5	021.3	19.0	90.0	321.8	3.6	15.2		5	919.7	19.4	69.0	45.9	9.3	15.2	
6	021.7	27.8	45.0	265.1	9.3	25.4		6	937.0	19.3	85.0	323.6	7.8	16.3	
7	0.0	27.2	42.0	174.2	3.8	27.9		7	0.0	19.4	48.0	343.9	9.6	18.4	
8	041.8	27.8	55.0	134.3	1.2	25.3		8	942.1	27.2	59.0	305.6	10.7	19.8	
9	025.2	26.7	47.0	177.5	2.9	25.6		9	928.9	18.3	89.0	349.5	11.4	21.0	
10	045.8	28.0	41.0	154.1	3.8	30.0		10	946.5	27.8	46.0	176.8	4.1	29.2	

JUNE 12, 1977 100 CDT								JUNE 12, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.6	20.6	55.0	239.5	5.0	17.6		1	929.9	18.3	83.0	167.4	7.2	17.1	
2	916.0	20.6	52.0	78.8	12.7	16.1		2	916.7	20.0	53.0	72.0	9.2	17.6	
3	932.3	19.7	20.0	321.9	7.5	18.9		3	929.2	18.3	81.0	85.4	3.6	18.3	
4	933.3	21.7	67.0	210.9	8.3	19.4		4	934.3	19.4	83.0	223.5	4.4	17.7	
5	919.1	18.9	70.0	19.9	9.9	15.6		5	920.4	18.9	72.0	75.7	5.6	16.0	
6	939.0	19.3	92.0	290.2	9.7	17.0		6	936.3	17.8	85.0	40.3	3.1	16.9	
7	0.0	18.3	37.0	337.2	5.1	18.4		7	0.0	18.3	84.0	12.2	6.4	17.3	
8	0.0	19.3	98.0	291.1	9.1	15.9		8	0.0	18.3	97.0	321.6	2.9	16.5	
9	927.5	19.3	80.0	15.7	5.3	15.3		9	927.5	18.9	75.0	46.6	2.0	16.8	
10	947.5	19.4	54.0	295.9	7.2	26.9		10	950.2	18.9	87.0	318.8	1.6	19.1	

JUNE 12, 1977 300 CDT								JUNE 12, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.5	20.0	61.0	205.5	4.4	22.5		1	928.6	22.2	45.0	273.7	2.1	19.9	
2	917.4	19.9	66.0	171.2	6.4	17.8		2	915.3	18.9	70.0	148.4	5.8	16.8	
3	929.6	19.4	51.0	167.4	7.9	19.5		3	927.9	19.4	63.0	209.0	4.9	20.1	
4	933.6	19.3	94.0	266.6	4.4	17.9		4	931.6	18.9	72.0	356.1	5.6	23.1	
5	920.1	17.8	79.0	172.2	2.5	15.1		5	915.7	17.8	71.0	124.0	6.4	14.5	
6	935.0	17.8	83.0	34.6	2.9	15.9		6	934.6	17.8	82.0	207.6	4.8	15.6	
7	0.0	17.2	91.0	251.3	1.3	17.5		7	0.0	17.8	86.0	244.2	2.5	17.7	
8	0.0	18.9	93.0	103.7	2.3	16.7		8	0.0	18.9	85.0	136.0	1.7	17.0	
9	928.6	18.9	76.0	160.1	0.9	16.1		9	926.9	17.2	84.0	331.0	3.9	14.8	
10	949.5	19.4	90.0	290.1	1.2	18.5		10	949.5	19.4	80.0	146.0	3.0	18.5	

JUNE 12, 1977 500 CDT								JUNE 12, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.6	20.0	69.0	219.9	3.7	19.3		1	929.2	20.0	57.0	246.8	2.6	19.8	
2	915.3	19.9	72.0	170.5	3.5	17.0		2	915.7	18.9	66.0	218.1	3.6	16.9	
3	927.5	19.4	67.0	193.3	4.5	20.3		3	927.5	19.4	64.0	287.4	1.9	19.6	
4	931.7	27.9	44.0	91.3	4.2	23.2		4	931.3	20.0	70.0	98.8	2.3	18.3	
5	917.4	17.9	75.0	249.7	2.7	15.0		5	917.4	17.8	77.0	293.8	3.3	14.7	
6	924.0	17.8	90.0	182.0	2.9	15.9		6	933.0	17.8	78.0	257.7	2.7	16.1	
7	0.0	17.8	81.0	152.6	1.7	17.8		7	0.0	17.9	78.0	268.9	2.6	18.4	
8	0.0	18.9	89.0	221.7	5.6	16.3		8	0.0	18.9	84.0	110.5	1.9	16.7	
9	923.8	17.8	78.0	157.4	3.2	14.9		9	923.8	20.0	56.0	167.9	3.7	18.0	
10	948.2	19.4	77.0	216.3	1.1	19.1		10	947.5	19.4	70.0	205.2	0.6	19.5	



JUNE 12, 1977 700 CDT								JUNE 12, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	920.6	19.4	52.0	232.3	1.7	17.9		1	930.2	18.9	75.0	352.6	2.0	18.6	
2	915.7	19.4	55.0	219.3	6.0	17.2		2	916.7	21.7	63.0	274.8	2.7	18.2	
3	924.2	19.9	71.0	249.2	3.4	19.7		3	925.9	19.4	69.0	298.1	4.3	20.7	
4	931.7	19.9	90.0	250.7	2.2	18.4		4	932.3	19.4	80.0	359.4	1.9	20.7	
5	917.7	19.3	75.0	271.8	2.6	14.9		5	918.4	19.4	77.0	301.7	2.4	15.7	
6	922.6	17.8	77.0	213.6	1.7	15.5		6	934.6	18.3	77.0	307.3	3.1	17.2	
7	0.0	19.4	70.0	264.0	4.2	13.9		7	0.0	18.9	78.0	302.1	2.8	19.1	
8	0.0	19.9	99.0	144.7	1.2	15.3		8	0.0	19.4	90.0	42.7	2.9	17.6	
9	924.1	19.4	63.0	165.3	3.5	17.1		9	925.2	18.9	70.0	2.7	2.5	17.3	
10	946.8	20.0	64.0	119.1	3.9	19.8		10	946.2	20.6	65.0	175.7	0.8	22.0	

JUNE 12, 1977 900 CDT								JUNE 12, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	920.9	20.0	69.0	317.3	3.5	21.1		1	931.3	22.8	54.0	307.9	2.4	25.3	
2	917.4	20.3	49.0	332.2	3.0	20.4		2	917.7	24.4	48.0	331.3	3.8	22.6	
3	929.4	22.2	50.0	297.3	4.7	23.5		3	930.2	23.9	56.0	121.1	1.0	26.3	
4	923.0	20.0	77.0	187.5	1.3	23.0		4	933.6	22.2	61.0	302.0	1.1	25.0	
5	919.4	21.7	65.0	319.4	3.4	17.0		5	920.8	23.3	59.0	337.6	3.8	19.5	
6	935.0	20.0	73.0	61.9	3.2	19.4		6	936.3	21.7	58.0	315.6	1.4	21.1	
7	0.0	17.4	75.0	54.9	2.6	19.9		7	0.0	20.0	72.0	28.6	2.4	20.9	
8	0.0	20.0	92.0	54.0	0.8	19.8		8	0.0	21.1	77.0	92.5	1.0	22.6	
9	926.2	20.0	69.0	350.0	2.6	13.3		9	926.9	22.2	54.0	307.4	4.3	20.8	
10	917.9	21.1	64.0	34.9	2.5	22.3		10	948.5	22.8	72.0	60.9	0.6	22.5	

JUNE 12, 1977 1100 CDT								JUNE 12, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.7	25.0	59.0	389.5	1.9	27.1		1	931.3	26.7	46.0	319.2	2.2	27.2	
2	918.4	25.5	47.0	311.7	2.8	23.6		2	919.1	27.2	43.0	330.0	2.3	24.9	
3	930.2	25.6	50.0	27.6	1.0	30.2		3	929.9	27.2	42.0	339.9	3.0	29.0	
4	934.7	25.9	57.0	294.8	3.3	25.9		4	934.3	26.7	53.0	261.5	1.3	30.4	
5	921.4	25.6	54.0	216.9	3.5	21.3		5	921.8	27.2	46.0	315.6	3.2	23.8	
6	926.7	23.9	49.0	346.4	1.7	24.5		6	936.3	26.1	44.0	13.0	2.3	26.3	
7	0.0	21.7	60.0	322.3	2.3	23.8		7	0.0	24.4	50.0	312.6	2.9	26.2	
8	0.0	23.9	62.0	19.2	1.4	23.8		8	944.5	27.2	52.0	17.6	2.0	26.1	
9	924.9	23.9	49.0	326.1	4.2	22.1		9	926.9	27.2	43.0	332.6	4.2	25.8	
10	948.9	23.9	44.0	65.2	2.7	24.9		10	948.9	25.6	57.0	356.9	4.2	28.4	

JUNE 12, 1977 1300 CDT							JUNE 12, 1977 1400 CDT								
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI) TEMP DG C	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI) TEMP DG C
1	920.2	27.9	76.0	297.2	2.7	29.9		1	929.9	29.4	30.0	228.4	2.6	30.7	
2	917.7	27.2	42.0	335.3	2.0	26.5		2	917.0	28.9	38.0	231.8	1.7	28.7	
3	926.6	28.9	78.0	16.0	2.7	30.5		3	928.9	29.4	34.0	21.8	1.8	31.7	
4	928.7	28.7	40.0	270.0	1.4	31.8		4	934.0	29.4	35.0	235.9	1.5	32.1	
5	921.2	29.9	79.0	15.5	1.6	25.7		5	921.4	30.0	32.0	80.8	1.5	29.1	
6	926.0	27.9	40.0	343.5	2.1	29.2		6	935.3	29.4	33.0	72.3	2.5	30.0	
7	0.0	26.7	47.0	727.4	2.6	29.6		7	0.0	28.9	35.0	23.4	2.5	30.8	
8	944.5	27.8	43.0	57.3	1.5	23.5		8	943.8	30.0	39.0	282.6	1.2	31.7	
9	926.5	27.8	35.0	351.9	3.8	28.2		9	925.2	30.6	30.0	345.8	2.6	29.1	
10	948.5	27.8	46.0	91.0	0.9	32.6		10	947.9	30.0	38.0	41.1	2.8	32.5	

JUNE 12, 1977 1500 CDT							JUNE 12, 1977 1600 CDT								
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI) TEMP DG C	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI) TEMP DG C
1	920.2	30.6	29.0	259.7	2.9	31.0		1	928.2	31.1	28.0	201.0	2.7	32.8	
2	914.4	27.4	75.0	154.4	2.0	29.8		2	915.3	30.0	30.0	153.2	2.1	30.4	
3	922.6	30.6	77.0	90.2	1.7	33.9		3	927.2	31.1	31.0	319.7	1.4	34.1	
4	923.3	31.1	32.0	61.1	1.6	33.0		4	932.6	31.7	30.0	292.8	1.7	34.0	
5	921.1	31.1	77.0	229.1	1.4	30.4		5	920.4	31.7	25.0	125.8	2.3	31.1	
6	924.6	31.1	29.0	78.7	2.2	31.9		6	933.6	31.7	29.0	46.8	1.9	31.5	
7	0.0	30.6	73.0	92.4	1.7	32.9		7	0.0	31.7	29.0	51.4	1.6	34.5	
8	943.5	30.6	76.0	324.6	1.3	31.1		8	942.8	32.2	33.0	48.2	1.1	33.4	
9	925.2	31.7	26.0	16.1	2.4	31.5		9	924.5	32.8	25.0	64.5	2.6	32.5	
10	947.2	31.7	74.0	37.1	0.2	34.9		10	945.8	32.8	30.0	359.8	1.9	35.9	

JUNE 12, 1977 1700 CDT							JUNE 12, 1977 1800 CDT								
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI) TEMP DG C	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI) TEMP DG C
1	927.9	31.7	29.0	201.3	2.7	33.1		1	927.2	31.7	27.0	207.4	2.5	32.9	
2	915.7	30.6	27.0	155.5	2.1	31.8		2	914.3	31.1	26.0	128.2	2.0	31.5	
3	926.9	31.7	71.0	173.1	1.5	35.4		3	926.5	31.7	30.0	105.7	1.2	35.8	
4	921.6	32.2	29.0	91.7	2.4	33.9		4	920.9	32.8	28.0	101.1	1.6	33.9	
5	920.4	32.2	27.0	103.6	2.6	31.8		5	919.7	32.2	25.0	128.0	2.4	31.7	
6	923.7	32.2	27.0	163.0	2.2	33.4		6	932.6	32.2	26.0	76.9	1.6	33.2	
7	0.0	32.2	29.0	56.3	1.8	34.7		7	0.0	32.8	27.0	109.9	1.8	35.2	
8	941.9	32.8	70.0	86.0	1.2	34.5		8	941.1	33.3	29.0	311.1	1.2	34.1	
9	927.8	33.7	74.0	27.0	1.9	32.6		9	923.5	32.8	24.0	77.1	1.8	33.0	
10	945.1	33.7	70.0	68.1	2.9	35.8		10	944.5	33.3	27.0	4.4	0.7	35.7	

JUNE 12, 1977 1900 CDT								JUNE 12, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.2	31.7	25.0	220.1	2.6	72.6		1	927.2	31.1	29.0	210.1	2.1	28.3	
2	914.0	29.4	27.0	102.0	2.1	31.7		2	914.3	27.2	42.0	132.0	1.7	28.9	
3	926.5	32.2	29.0	105.1	0.7	35.8		3	926.5	32.2	30.0	291.2	0.6	34.2	
4	930.6	32.8	29.0	97.3	1.7	999.9		4	930.6	32.8	28.0	118.1	1.1	32.3	
5	916.7	31.7	25.0	95.3	2.3	30.8		5	919.7	28.9	38.0	119.2	1.7	31.1	
6	922.7	32.2	27.0	108.8	2.4	32.7		6	932.6	31.7	31.0	153.0	1.6	30.7	
7	0.0	32.9	27.0	109.8	1.6	35.4		7	0.0	32.2	35.0	101.2	0.7	33.3	
8	941.1	32.2	29.0	253.5	0.9	34.4		8	941.1	32.8	35.0	254.8	0.7	32.8	
9	927.1	32.2	25.0	176.8	1.3	32.6		9	923.5	30.6	34.0	121.8	0.9	30.8	
10	944.1	32.6	27.0	75.5	1.8	26.2		10	944.1	32.8	33.0	133.1	2.8	34.6	

JUNE 12, 1977 2100 CDT								JUNE 12, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.2	27.8	44.0	210.2	1.8	24.9		1	928.2	25.6	50.0	202.9	1.6	23.7	
2	914.7	26.1	43.0	111.2	1.2	24.2		2	915.0	25.6	58.0	96.0	1.2	25.0	
3	927.2	29.9	44.0	210.6	0.9	23.4		3	927.5	26.1	57.0	187.1	0.9	25.6	
4	930.9	32.2	31.0	107.6	1.4	25.9		4	931.3	27.8	44.0	131.6	1.4	26.8	
5	919.4	27.2	45.0	117.3	1.1	25.9		5	919.7	25.0	55.0	143.8	1.6	24.4	
6	922.5	29.3	44.0	114.4	1.4	25.7		6	933.3	26.1	52.0	154.5	1.3	24.2	
7	0.0	29.4	42.0	122.6	1.3	28.2		7	0.0	26.7	48.0	168.6	0.2	25.8	
8	941.1	28.3	55.0	252.5	1.3	26.9		8	941.4	26.1	62.0	340.1	1.2	25.5	
9	927.8	27.2	42.0	104.8	1.0	26.5		9	924.5	25.0	48.0	81.1	1.2	23.9	
10	944.5	31.1	42.0	124.3	3.8	30.6		10	945.5	28.9	57.0	172.7	0.8	27.9	

JUNE 12, 1977 2300 CDT								JUNE 12, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.0	25.0	52.0	207.8	1.7	23.9		1	928.9	24.4	53.0	157.8	1.5	22.5	
2	915.7	25.6	62.0	253.8	0.2	24.0		2	915.0	23.9	56.0	124.3	3.5	23.5	
3	927.9	25.5	57.0	192.5	1.7	25.7		3	927.5	25.0	54.0	184.6	2.3	25.8	
4	931.5	25.1	46.0	117.9	1.2	26.0		4	931.9	25.6	49.0	57.6	1.8	26.0	
5	919.4	28.4	57.0	70.5	1.0	23.0		5	919.1	23.3	57.0	146.2	2.6	22.2	
6	934.0	24.4	57.0	193.0	1.2	22.6		6	934.0	22.9	64.0	196.8	1.8	21.2	
7	0.0	24.4	55.0	157.9	0.1	23.4		7	0.0	23.3	56.0	163.1	1.1	23.3	
8	942.1	24.4	81.0	191.4	0.2	22.2		8	942.1	23.3	88.0	162.6	0.2	21.0	
9	925.2	27.3	52.0	57.1	1.2	21.5		9	925.2	22.9	59.0	134.6	0.4	20.8	
10	944.7	26.7	57.0	252.1	2.1	25.1		10	945.8	24.4	78.0	126.0	4.0	24.2	

JUNE 13, 1977													
200 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	929.2	22.2	65.0	161.8	1.2	1	929.2	22.2	65.0	161.8	1.2	20.7
I	2	915.7	22.2	66.0	155.8	1.2	2	915.7	22.2	66.0	155.8	1.2	20.7
I	3	927.9	23.3	60.0	111.0	0.7	3	927.9	23.3	60.0	111.0	0.7	22.9
I	4	932.3	22.8	60.0	44.3	3.1	4	932.3	22.8	60.0	44.3	3.1	22.5
I	5	919.7	21.1	62.0	148.7	3.0	5	919.7	21.1	62.0	148.7	3.0	19.6
I	6	934.0	21.1	67.0	173.4	1.6	6	934.0	21.1	67.0	173.4	1.6	19.5
I	7	0.0	22.2	61.0	228.7	1.2	7	0.0	22.2	61.0	228.7	1.2	21.8
I	8	942.1	22.2	81.0	154.4	2.1	8	942.1	22.2	81.0	154.4	2.1	20.6
I	9	924.8	22.2	55.0	128.3	1.7	9	924.8	22.2	55.0	128.3	1.7	20.0
I	10	947.2	23.3	85.0	110.8	1.5	10	947.2	23.3	85.0	110.8	1.5	22.1

JUNE 13, 1977													
400 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	929.2	21.1	65.0	319.1	1.2	1	929.2	21.1	65.0	319.1	1.2	18.4
I	2	915.7	20.6	68.0	184.6	2.0	2	915.7	20.6	68.0	184.6	2.0	19.3
I	3	929.2	22.2	61.0	87.3	1.2	3	929.2	22.2	61.0	87.3	1.2	21.3
I	4	932.3	20.6	78.0	50.4	2.9	4	932.3	20.6	78.0	50.4	2.9	19.5
I	5	919.7	20.0	70.0	213.4	2.3	5	919.7	20.0	70.0	213.4	2.3	17.5
I	6	934.0	18.9	82.0	120.4	2.1	6	934.0	18.9	82.0	120.4	2.1	17.1
I	7	0.0	18.9	83.0	186.0	0.6	7	0.0	18.9	83.0	186.0	0.6	17.9
I	8	942.1	20.0	95.0	140.5	2.0	8	942.1	20.0	95.0	140.5	2.0	17.9
I	9	925.5	20.6	63.0	143.3	2.1	9	925.5	20.6	63.0	143.3	2.1	18.2
I	10	947.5	20.6	91.0	107.3	1.2	10	947.5	20.6	91.0	107.3	1.2	20.4

JUNE 13, 1977													
600 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	929.9	18.9	78.0	135.7	0.9	1	929.9	18.9	78.0	135.7	0.9	16.6
I	2	915.4	20.0	75.0	162.5	1.8	2	915.4	20.0	75.0	162.5	1.8	18.8
I	3	928.9	18.9	83.0	165.6	2.2	3	928.9	18.9	83.0	165.6	2.2	18.3
I	4	933.0	20.0	83.0	62.3	2.0	4	933.0	20.0	83.0	62.3	2.0	17.6
I	5	918.7	18.9	88.0	188.0	1.3	5	918.7	18.9	88.0	188.0	1.3	16.1
I	6	935.0	17.8	85.0	163.7	1.7	6	935.0	17.8	85.0	163.7	1.7	15.8
I	7	0.0	17.8	86.0	160.5	0.6	7	0.0	17.8	86.0	160.5	0.6	17.2
I	8	942.8	18.9	95.0	155.5	0.7	8	942.8	18.9	95.0	155.5	0.7	16.4
I	9	925.8	18.9	78.0	154.6	1.8	9	925.8	18.9	78.0	154.6	1.8	17.4
I	10	948.2	20.0	90.0	134.8	1.9	10	948.2	20.0	90.0	134.8	1.9	18.7

JUNE 13, 1977 700 CDT								JUNE 13, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MR	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.2	17.8	73.0	220.5	1.2	13.0		1	970.6	18.9	80.0	224.3	0.9	18.8	
2	917.0	21.1	72.0	174.0	1.7	16.8		2	917.4	22.8	64.0	159.5	2.5	19.2	
3	929.2	18.3	85.0	47.5	0.8	17.9		3	929.6	19.4	82.0	126.4	1.1	21.3	
4	933.0	18.7	86.0	85.7	1.8	18.4		4	933.3	17.8	85.0	79.6	3.0	23.8	
5	910.1	20.6	75.0	184.4	1.6	15.4		5	919.7	23.3	65.0	182.1	2.9	18.5	
6	915.3	17.8	85.0	137.1	1.5	16.0		6	935.3	19.4	78.0	175.7	1.7	18.7	
7	0.0	17.2	49.0	229.1	0.5	15.9		7	0.0	17.9	87.0	184.6	1.5	22.8	
8	947.1	19.3	95.0	131.3	0.7	16.4		8	943.5	21.1	92.0	143.1	1.7	20.8	
9	924.2	18.9	87.0	109.0	1.8	15.9		9	926.5	20.6	81.0	219.4	3.8	18.8	
10	948.2	19.4	80.0	115.1	3.4	18.8		10	948.9	20.0	87.0	103.1	1.1	20.9	

JUNE 13, 1977 900 CDT								JUNE 13, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.6	21.7	67.0	156.2	1.6	23.9		1	930.9	25.0	51.0	200.3	2.5	27.3	
2	917.7	25.0	57.0	187.5	2.7	21.0		2	917.7	27.8	47.0	212.7	4.1	25.1	
3	929.0	22.2	44.0	177.9	2.2	25.1		3	929.6	26.1	58.0	204.5	2.4	28.3	
4	977.4	20.0	21.0	110.6	4.1	25.7		4	934.0	22.8	71.0	139.6	4.0	27.5	
5	920.8	24.4	40.0	210.8	4.7	21.7		5	921.1	27.2	53.0	216.7	5.0	23.5	
6	925.7	22.2	67.0	212.7	3.0	27.6		6	936.0	25.6	56.0	230.4	4.4	25.1	
7	0.0	22.2	70.0	223.3	2.4	26.4		7	0.0	25.0	60.0	265.5	2.5	29.4	
8	947.2	22.8	31.0	193.9	2.3	23.7		8	944.1	25.0	72.0	250.1	2.6	26.2	
9	924.5	22.9	70.0	222.1	2.9	22.5		9	926.5	26.7	54.0	226.0	2.8	27.6	
10	948.0	22.8	73.0	177.9	2.8	26.0		10	948.5	25.6	67.0	249.1	4.2	28.9	

JUNE 13, 1977 1100 CDT								JUNE 13, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.0	28.3	41.0	229.9	3.4	29.4		1	931.3	31.7	35.0	232.5	2.8	32.2	
2	917.4	30.6	37.0	207.0	4.2	28.1		2	917.0	32.2	27.0	188.8	3.0	30.9	
3	929.5	27.8	51.0	233.6	3.2	30.4		3	929.6	30.6	42.0	240.6	2.4	33.6	
4	974.7	25.0	61.0	139.9	3.9	30.0		4	934.3	28.3	50.0	186.2	1.5	32.7	
5	921.4	30.0	34.0	237.2	4.1	27.6		5	922.5	32.2	25.0	206.0	3.6	30.9	
6	974.0	23.2	45.0	224.5	3.3	23.3		6	936.0	30.6	30.0	216.0	1.7	32.3	
7	0.0	27.8	50.0	271.4	2.8	22.4		7	939.0	30.6	37.0	282.6	1.4	34.2	
8	944.1	28.3	42.0	254.6	2.5	29.3		8	943.8	31.1	49.0	29.8	1.7	32.4	
9	924.5	30.0	34.0	224.8	2.1	21.6		9	926.5	32.2	25.0	255.3	1.5	33.2	
10	948.2	27.2	63.0	334.0	1.6	29.8		10	948.2	28.9	55.0	29.4	4.3	31.3	

JUNE 13, 1977 1300 CDT								JUNE 13, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.3	32.8	32.0	145.2	1.3	33.8		1	930.9	33.9	29.0	176.4	2.8	34.7	
2	917.0	33.9	23.0	149.8	2.4	33.1		2	915.7	34.4	13.0	155.0	2.1	34.1	
3	920.6	32.2	75.0	1.1	1.4	75.9		3	929.6	33.3	27.0	130.4	1.6	36.7	
4	934.7	31.7	73.0	23.4	2.8	33.0		4	933.6	33.3	28.0	42.0	2.3	34.8	
5	922.8	33.3	20.0	151.2	2.5	33.0		5	922.8	35.6	14.0	118.7	2.4	34.5	
6	935.7	32.8	23.0	129.5	2.2	34.5		6	935.3	34.4	23.0	33.9	2.6	34.0	
7	938.7	33.3	27.0	98.7	2.3	37.4		7	937.4	35.0	22.0	59.4	3.1	37.2	
8	943.8	32.8	33.0	27.7	1.7	33.9		8	943.8	34.4	22.0	26.9	2.3	34.9	
9	926.2	32.0	19.0	110.6	1.9	35.0		9	925.8	35.6	17.0	62.1	2.8	35.4	
10	947.0	31.7	40.0	29.0	2.3	34.0		10	947.5	33.9	33.0	53.7	4.3	37.1	

JUNE 13, 1977 1500 CDT								JUNE 13, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.9	35.0	24.0	150.0	2.2	35.5		1	930.2	36.1	20.0	131.1	3.0	36.6	
2	916.4	35.6	12.0	140.1	2.9	35.0		2	915.7	35.6	12.0	128.8	3.7	35.4	
3	920.2	34.4	24.0	79.2	2.4	35.7		3	928.6	35.0	18.0	120.4	2.4	37.9	
4	937.3	33.9	25.0	75.3	2.2	36.3		4	933.0	34.4	22.0	63.6	4.6	37.0	
5	923.1	36.7	13.0	120.4	3.5	35.4		5	922.8	36.7	14.0	106.1	2.3	36.4	
6	935.3	35.6	17.0	61.9	2.3	35.9		6	934.0	36.1	17.0	46.7	3.1	36.0	
7	937.0	36.1	15.0	85.3	3.5	39.0		7	936.7	36.7	14.0	64.1	3.7	38.6	
8	943.8	35.1	17.0	49.0	3.0	36.5		8	943.1	36.1	17.0	60.6	4.1	37.3	
9	925.5	35.1	14.0	92.8	3.4	35.0		9	925.2	36.7	13.0	106.6	3.4	36.6	
10	947.2	34.1	27.0	61.4	2.7	36.7		10	946.5	36.7	24.0	67.2	2.4	37.7	

JUNE 13, 1977 1700 CDT								JUNE 13, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	920.6	36.1	21.0	95.3	3.0	34.5		1	928.9	35.6	21.0	127.0	4.1	35.5	
2	915.0	35.6	12.0	114.1	7.1	35.4		2	914.3	35.0	10.0	96.0	4.6	35.0	
3	927.0	35.0	20.0	105.2	2.5	37.1		3	927.5	35.0	20.0	111.4	2.5	37.8	
4	932.3	33.9	24.0	73.4	4.4	35.3		4	931.6	33.9	26.0	107.4	4.8	36.5	
5	922.1	36.1	12.0	97.5	5.0	35.8		5	921.8	35.6	12.0	118.1	5.9	35.0	
6	933.3	37.2	14.0	92.7	2.1	37.1		6	933.0	36.1	19.0	86.5	4.9	36.6	
7	936.3	37.2	14.0	82.5	3.3	39.3		7	936.0	36.1	18.0	102.6	3.6	36.9	
8	942.4	35.6	20.0	103.9	4.7	35.7		8	942.1	35.0	22.0	91.1	4.9	36.2	
9	924.8	35.1	12.0	85.4	3.5	36.5		9	924.5	36.1	16.0	96.1	3.0	36.4	
10	946.2	36.7	24.0	56.8	2.2	37.4		10	945.5	36.7	24.0	71.5	1.7	37.3	

JUNE 13, 1977  
2000 CDT

STAT NO.	DOFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	029.6	75.0	25.0	104.5	4.6	74.5
2	04.7	75.0	12.0	111.0	4.4	74.4
3	027.5	75.0	20.0	119.9	3.1	75.3
4	031.5	75.9	29.0	91.7	6.1	74.5
5	021.4	74.6	15.0	112.5	5.1	74.6
6	022.4	75.6	21.0	97.1	5.6	75.2
7	024.0	74.1	19.0	55.1	4.0	74.9
8	042.1	74.4	22.0	105.5	4.5	74.3
9	022.8	74.4	18.0	103.9	4.0	74.2
10	045.5	74.4	27.0	105.5	2.9	74.2

JUNE 13, 1977  
2100 CDT

STAT NO.	DOFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	020.0	70.6	24.0	94.2	5.2	70.5
2	015.7	70.4	25.0	109.0	5.7	70.0
3	029.2	70.0	24.0	121.9	2.1	70.9
4	028.7	70.3	24.0	92.0	4.5	70.2
5	029.1	70.4	20.0	119.1	4.3	70.9
6	024.7	70.4	23.0	111.2	4.8	70.5
7	027.1	72.2	31.0	114.4	4.5	71.0
8	043.1	71.1	43.0	114.7	5.7	70.4
9	026.2	70.6	40.0	111.8	5.0	70.4
10	047.5	71.7	43.0	111.7	0.5	70.6

JUNE 13, 1977  
2200 CDT

STAT NO.	DOFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	031.9	15.6	87.0	22.5	13.0	16.9
2	017.4	27.8	38.0	112.0	6.4	28.1
3	019.2	29.4	40.0	113.1	4.2	29.7
4	024.3	27.8	44.0	85.1	6.0	28.7
5	023.5	27.8	46.0	116.9	7.0	27.2
6	025.2	26.9	45.0	126.8	4.5	27.6
7	028.4	29.4	44.0	117.5	4.8	29.3
8	044.1	29.4	51.0	113.9	4.5	28.4
9	027.2	28.3	47.0	113.5	4.1	26.9
10	048.5	30.0	54.0	120.0	1.0	29.5

JUNE 13, 1977  
2300 CDT

STAT NO.	DOFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	033.0	14.1	92.0	43.5	7.0	14.4
2	020.1	21.1	58.0	66.0	3.4	25.7
3	023.4	21.1	53.0	44.9	17.1	21.1
4	026.7	24.1	57.0	60.2	4.1	27.4
5	023.8	24.7	51.0	123.5	7.5	25.6
6	027.4	27.3	57.0	63.3	3.8	26.4
7	030.4	27.8	43.0	112.0	3.8	24.1
8	045.6	27.8	65.0	92.5	3.1	27.0
9	028.2	27.2	59.0	117.2	4.6	25.6
10	049.5	29.4	57.0	135.9	0.9	27.7

JUNE 14, 1977 100 CDT								JUNE 14, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	931.3	21.7	47.0	190.9	5.0	18.9		1	930.6	20.6	52.0	226.3	3.7	18.7	
2	920.1	21.1	67.0	95.0	8.1	20.2		2	919.1	21.1	65.0	108.8	5.1	19.3	
3	930.9	17.2	87.0	121.7	1.5	17.1		3	929.6	20.0	69.0	198.4	2.8	16.4	
4	935.7	22.2	64.0	184.2	5.3	23.7		4	933.6	21.7	61.0	254.2	3.1	23.1	
5	923.5	22.2	67.0	55.6	6.9	20.3		5	922.1	21.7	64.0	107.0	5.4	19.4	
6	939.4	21.7	73.0	65.2	3.4	19.9		6	936.0	22.2	66.0	194.0	3.4	21.1	
7	941.1	27.9	57.0	75.6	4.1	24.4		7	940.1	23.9	61.0	132.8	2.4	24.1	
8	949.2	25.0	71.0	54.5	5.2	23.7		8	944.8	24.4	69.0	135.4	3.5	23.0	
9	930.2	24.4	62.0	48.4	3.3	22.3		9	929.6	22.2	65.0	84.6	2.0	20.0	
10	951.6	24.1	75.0	57.4	4.1	25.7		10	951.6	25.6	75.0	31.0	1.5	25.2	

JUNE 14, 1977 300 CDT								JUNE 14, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	929.6	19.9	62.0	169.6	1.5	17.5		1	929.9	18.3	67.0	147.1	1.2	17.4	
2	918.7	21.1	65.0	167.8	2.8	19.2		2	919.1	20.6	66.0	182.9	3.0	19.4	
3	929.2	21.1	73.0	207.2	2.2	19.3		3	929.9	19.4	78.0	150.8	0.9	19.4	
4	934.0	21.1	66.0	209.7	2.0	21.9		4	934.6	20.0	71.0	259.4	1.8	20.6	
5	921.4	21.1	65.0	183.6	3.5	17.1		5	921.1	20.0	72.0	209.1	2.2	19.0	
6	935.7	22.2	0.0	150.4	2.6	21.7		6	936.0	21.7	0.0	135.2	1.2	19.5	
7	938.4	27.8	63.0	174.9	3.9	23.0		7	938.7	22.8	65.0	118.0	0.7	21.6	
8	944.1	23.9	72.0	143.6	1.9	22.2		8	944.8	22.8	79.0	85.3	0.4	20.8	
9	928.2	21.7	71.0	122.0	1.6	19.1		9	927.5	20.6	75.0	164.1	1.8	18.5	
10	950.2	25.0	79.0	176.8	4.2	23.4		10	948.9	23.9	78.0	125.3	2.4	24.0	

JUNE 14, 1977 500 CDT								JUNE 14, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	930.2	17.8	75.0	224.9	1.2	15.1		1	930.6	17.8	79.0	342.9	1.4	16.5	
2	919.7	19.4	73.0	105.2	1.4	15.1		2	918.7	19.4	75.0	248.8	0.2	16.7	
3	920.9	19.4	82.0	186.3	1.5	17.3		3	930.2	19.4	78.0	189.5	1.0	19.4	
4	934.6	19.4	73.0	211.3	1.5	20.0		4	935.0	18.3	81.0	342.8	1.2	19.2	
5	921.1	18.6	75.0	193.2	1.7	17.8		5	921.4	18.3	77.0	314.7	0.4	16.2	
6	934.3	20.6	0.0	130.4	0.5	13.5		6	936.7	19.4	0.0	296.1	1.3	16.9	
7	930.0	21.1	69.0	201.6	0.2	19.9		7	939.4	19.4	76.0	190.9	1.0	19.4	
8	944.9	21.1	89.0	201.1	0.3	19.3		8	945.1	20.6	92.0	180.2	0.6	18.7	
9	927.9	22.0	75.0	75.7	0.5	17.6		9	928.2	18.9	79.0	207.3	1.0	16.9	
10	949.5	27.9	79.0	87.9	3.8	24.0		10	949.9	23.3	86.0	110.8	0.7	22.6	



JUNE 14, 1977 800 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	921.9	17.2	81.0	225.2	2.0	14.2	1	921.9	19.4	70.0	342.2	2.2	19.0
2	919.1	21.7	75.0	97.6	1.1	17.2	2	915.7	22.8	60.0	85.8	1.7	20.9
3	920.2	13.4	74.0	705.0	0.4	19.7	3	931.6	23.0	84.0	59.1	1.1	20.3
4	924.0	17.9	73.0	127.2	1.6	18.5	4	926.3	17.8	86.0	128.1	1.9	21.3
5	921.4	22.2	69.0	59.9	0.7	15.8	5	921.8	25.0	62.0	51.2	0.5	20.1
6	927.0	17.6	70.0	14.9	0.4	14.0	6	938.0	18.3	0.0	12.6	1.0	20.4
7	926.7	19.9	79.0	144.4	0.3	13.2	7	945.4	21.1	79.0	7.1	1.1	21.8
8	925.3	22.6	84.0	327.5	0.0	17.9	8	945.5	23.3	80.0	51.7	1.4	21.7
9	926.2	17.8	82.0	157.7	0.8	15.0	9	928.9	20.6	70.0	52.5	1.1	20.2
10	925.2	22.5	82.0	129.3	2.5	22.1	10	950.9	22.2	86.0	81.7	0.4	24.0

JUNE 14, 1977 1000 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	922.5	22.9	57.0	30.4	2.5	22.1	1	923.0	23.9	54.0	68.8	2.5	24.8
2	920.4	25.7	53.0	285.8	1.1	25.4	2	921.1	27.2	50.0	49.9	2.4	26.3
3	922.3	22.2	72.0	34.1	1.9	23.9	3	932.3	23.9	64.0	44.1	2.6	25.7
4	924.7	21.1	75.0	149.9	2.6	25.0	4	937.4	23.9	66.0	149.2	2.5	27.6
5	927.1	25.7	59.0	190.0	1.5	24.1	5	925.8	27.8	54.0	209.1	0.9	27.1
6	929.4	22.8	63.0	64.7	2.0	24.3	6	938.7	26.1	56.0	70.9	1.7	26.1
7	921.1	24.4	77.0	79.5	1.5	25.4	7	941.4	26.7	60.0	97.3	1.5	29.9
8	927.2	25.6	72.0	80.1	1.7	25.7	8	947.5	27.8	66.0	33.6	2.0	26.1
9	926.6	25.0	65.0	229.5	1.2	24.4	9	929.6	27.8	48.0	27.7	0.7	30.3
10	921.9	22.9	73.0	94.6	2.6	26.6	10	952.3	25.6	71.0	98.4	0.9	28.8

JUNE 14, 1977 1200 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	927.0	25.5	51.0	60.9	2.5	26.8	1	923.0	27.2	48.0	65.3	2.8	28.1
2	921.1	28.9	53.0	51.5	2.4	27.9	2	921.1	30.6	43.0	91.1	3.5	29.9
3	922.6	25.4	60.0	135.9	2.0	27.8	3	932.6	27.2	54.0	83.9	2.6	29.6
4	927.4	26.1	61.0	57.9	3.3	29.3	4	937.7	26.7	57.0	160.1	3.8	30.4
5	925.5	28.3	51.0	61.3	2.4	27.7	5	925.8	30.0	44.0	89.4	3.8	29.2
6	929.0	27.9	52.0	27.6	2.4	27.3	6	949.0	29.3	43.0	59.9	4.4	29.3
7	921.3	28.3	52.0	43.9	2.6	28.8	7	941.8	30.0	45.0	70.3	3.8	31.5
8	927.8	28.0	55.0	40.5	3.0	29.2	8	948.2	29.4	50.0	36.9	3.6	28.4
9	929.9	25.4	47.0	79.1	3.0	30.4	9	929.9	31.1	39.0	60.2	4.0	31.8
10	922.2	27.2	57.0	107.1	3.9	31.5	10	952.3	30.0	53.0	68.8	3.2	31.7

JUNE 14, 1977 1300 CDT								JUNE 14, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	072.6	29.3	45.0	97.9	3.3	29.7		1	932.3	29.4	41.0	106.1	3.8	30.7	
2	070.4	31.1	41.0	91.2	5.3	30.6		2	920.4	32.2	39.0	76.8	5.5	31.0	
3	932.6	28.3	49.0	79.9	3.0	31.3		3	931.9	30.0	42.0	97.8	3.3	33.2	
4	937.4	28.3	52.0	146.8	4.7	30.2		4	936.7	29.4	48.0	169.4	4.9	31.5	
5	926.2	31.7	39.0	89.0	4.7	30.4		5	925.8	32.8	35.0	108.8	5.1	31.2	
6	078.7	30.0	74.0	89.7	4.5	30.3		6	939.4	31.7	35.0	76.6	4.7	32.0	
7	041.4	31.1	41.0	83.9	4.6	32.7		7	941.1	32.2	34.0	102.4	4.2	34.1	
8	048.2	31.1	45.0	50.8	4.1	30.6		8	947.5	31.7	39.0	60.5	4.2	31.3	
9	079.9	31.7	39.0	60.1	3.8	31.5		9	929.6	32.2	35.0	92.6	3.7	33.3	
10	051.9	31.1	41.0	60.4	3.2	33.1		10	952.6	32.8	37.0	73.1	3.0	34.5	

JUNE 14, 1977 1500 CDT								JUNE 14, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	071.9	30.0	39.0	107.5	3.7	31.5		1	931.3	31.1	37.0	103.8	3.8	32.0	
2	070.1	32.8	37.0	92.1	4.4	32.0		2	919.1	33.3	35.0	103.6	5.6	33.1	
3	071.5	30.6	39.0	91.7	3.0	33.4		3	930.9	31.1	38.0	109.6	3.2	34.4	
4	074.7	30.0	45.0	177.7	5.2	32.3		4	935.3	31.1	37.0	171.6	4.9	33.1	
5	025.9	33.0	32.0	106.9	4.1	31.3		5	924.8	34.4	31.0	119.5	6.1	31.8	
6	077.7	32.2	35.0	73.2	4.7	32.4		6	937.4	32.8	31.0	92.7	4.6	33.3	
7	040.4	32.8	33.0	50.0	4.9	33.8		7	940.1	33.3	28.0	107.8	4.2	35.2	
8	047.2	32.8	32.0	59.3	4.0	31.8		8	946.5	33.3	30.0	79.7	4.2	33.4	
9	028.0	32.8	33.0	95.6	3.6	34.0		9	928.6	33.3	30.0	106.0	3.7	33.9	
10	050.5	32.3	34.0	69.3	3.1	35.1		10	949.9	33.9	30.0	84.0	3.2	35.3	

JUNE 14, 1977 1700 CDT								JUNE 14, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	070.6	31.1	70.0	112.5	3.9	31.6		1	930.2	31.1	30.0	95.9	4.4	32.8	
2	019.1	33.7	35.0	110.1	5.6	33.3		2	917.7	32.8	32.0	118.1	6.0	33.0	
3	070.2	31.1	74.0	109.3	3.1	34.1		3	929.9	31.7	29.0	111.5	3.5	34.8	
4	935.0	31.1	35.0	201.6	4.5	999.9		4	934.3	31.1	35.0	179.1	4.4	999.9	
5	024.5	34.4	30.0	120.6	5.8	32.5		5	924.1	33.9	28.0	95.8	5.2	32.5	
6	076.3	33.9	31.0	84.1	4.7	33.0		6	935.0	33.9	31.0	103.5	4.9	32.5	
7	079.4	33.9	24.0	120.2	4.2	35.1		7	939.0	33.9	24.0	97.8	4.3	35.1	
8	045.8	33.3	28.0	63.5	3.9	32.5		8	945.5	33.3	26.0	85.5	4.2	32.9	
9	027.5	33.9	27.0	102.2	3.5	33.8		9	927.2	33.3	26.0	112.8	3.7	34.3	
10	049.2	34.4	30.0	83.5	3.3	35.9		10	948.9	34.4	32.0	87.3	2.8	35.7	

JUNE 14, 1977 1900 CDT								JUNE 14, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.0	71.1	31.0	94.4	4.2	71.5		1	929.6	28.9	38.0	93.2	2.9	29.6	
2	917.7	72.2	32.0	118.6	5.3	73.0		2	917.7	30.0	36.0	112.5	5.7	31.3	
3	920.6	71.7	30.0	124.2	3.6	73.0		3	920.6	31.1	33.0	116.2	2.2	32.8	
4	924.1	72.3	33.0	122.9	5.0	73.5		4	924.1	29.4	39.0	125.6	4.6	32.7	
5	924.1	72.3	27.0	113.4	4.9	71.5		5	924.1	32.2	27.0	107.6	4.6	30.0	
6	936.0	72.3	31.0	99.8	4.6	72.5		6	936.0	32.2	31.0	89.1	3.5	31.0	
7	929.7	72.7	24.0	89.6	4.2	74.7		7	929.7	32.8	25.0	100.5	3.0	34.8	
9	945.1	72.8	31.0	69.4	4.1	71.9		8	945.1	31.7	33.0	83.8	4.3	30.3	
9	926.0	72.9	37.0	101.5	3.5	73.5		9	927.2	31.7	38.0	106.1	3.4	32.4	
10	948.5	72.9	34.0	82.3	2.2	74.7		10	948.9	32.8	39.0	104.9	1.9	32.7	

JUNE 14, 1977 2100 CDT								JUNE 14, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	926.0	29.6	45.0	104.7	2.0	24.7		1	930.6	23.9	57.0	93.8	1.7	22.9	
2	919.1	27.8	47.0	115.0	2.3	28.2		2	918.4	26.1	45.0	107.3	3.0	26.7	
3	920.2	28.3	43.0	155.4	1.1	29.3		3	930.9	25.6	52.0	123.6	1.0	25.7	
4	924.6	26.7	47.0	202.5	2.5	29.4		4	935.7	25.0	48.0	201.1	3.5	27.4	
5	924.1	27.0	37.0	102.1	2.0	27.0		5	924.1	27.8	38.0	111.3	3.3	25.6	
6	926.7	28.4	37.0	87.6	2.7	27.2		6	937.4	25.7	41.0	92.8	2.5	24.6	
7	930.0	30.6	23.0	97.0	2.3	29.6		7	940.1	27.9	36.0	119.2	2.0	28.0	
8	945.5	29.4	40.0	69.9	2.2	27.9		8	945.2	27.2	52.0	81.2	1.9	25.3	
9	927.6	29.9	35.0	97.9	2.1	23.1		9	928.6	26.1	45.0	96.0	1.6	25.0	
10	949.2	31.1	45.0	100.1	1.9	29.9		10	950.2	28.9	53.0	110.3	0.9	28.3	

JUNE 14, 1977 2300 CDT								JUNE 14, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	921.7	27.3	57.0	116.4	1.4	21.6		1	922.3	22.8	60.0	176.0	1.4	21.4	
2	919.1	29.6	52.0	113.3	2.9	25.4		2	920.4	24.4	60.0	88.8	3.1	24.1	
3	921.6	26.4	57.0	127.4	1.6	24.7		3	932.3	23.9	59.0	161.9	0.3	23.9	
4	926.7	27.9	53.0	151.3	4.7	26.0		4	926.7	23.3	61.0	202.4	3.5	24.3	
5	928.5	27.2	41.0	119.4	2.3	24.2		5	924.8	25.6	47.0	114.8	2.7	23.5	
6	929.0	29.6	47.0	101.7	2.3	22.6		6	939.4	23.3	50.0	115.3	0.9	21.3	
7	940.7	26.1	42.0	130.9	2.4	25.7		7	940.7	25.0	50.0	120.9	2.1	24.8	
8	946.9	26.1	59.0	91.7	2.3	27.9		8	947.2	25.0	64.0	127.3	2.3	23.5	
9	928.7	26.6	50.0	138.9	1.8	23.3		9	929.2	24.4	57.0	133.8	2.5	23.2	
10	951.2	27.2	61.0	119.2	2.6	26.3		10	951.6	26.1	67.0	116.8	1.6	23.9	

JUNE 15, 1977 100 CDT								JUNE 15, 1977 200 CDT							
STAT NO.	PRES ME	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES ME	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	972.6	21.1	70.0	144.8	1.9	20.1		1	932.3	20.6	73.0	139.6	1.2	18.6	
2	920.9	23.3	64.0	120.9	3.2	22.5		2	920.4	22.2	70.0	125.8	3.2	21.3	
3	932.7	27.8	65.0	141.3	1.0	22.9		3	931.6	22.2	69.0	147.6	1.6	22.0	
4	977.0	21.7	69.0	251.4	1.0	22.2		4	937.0	20.0	74.0	267.7	1.6	20.0	
5	924.5	24.4	53.0	116.7	2.5	22.1		5	923.1	23.3	58.0	154.8	2.4	20.6	
6	979.0	22.2	61.0	73.7	0.3	20.9		6	938.4	21.1	65.0	122.6	1.9	19.5	
7	941.4	27.9	55.0	190.5	0.5	23.8		7	940.7	22.2	59.0	151.8	1.3	22.4	
8	947.5	27.9	73.0	173.7	0.7	21.9		8	947.5	22.2	83.0	103.6	0.2	19.9	
9	929.6	27.9	64.0	97.2	0.9	21.1		9	929.6	22.2	70.0	109.7	1.1	19.4	
10	951.6	24.4	72.0	170.6	3.1	23.0		10	951.6	23.3	79.0	165.5	0.3	21.3	

JUNE 15, 1977 300 CDT								JUNE 15, 1977 400 CDT							
STAT NO.	PRES ME	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES ME	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	971.6	19.4	77.0	116.6	1.7	17.6		1	931.3	18.9	78.0	65.3	0.5	16.6	
2	919.7	21.7	74.0	113.4	4.8	20.3		2	919.1	21.1	78.0	140.2	2.3	19.3	
3	930.9	20.6	74.0	172.7	1.5	20.9		3	930.6	20.0	79.0	204.9	0.5	19.6	
4	976.0	17.8	85.0	223.4	2.3	18.7		4	935.7	17.2	87.0	221.6	2.3	18.5	
5	922.1	22.8	63.0	139.9	4.6	20.1		5	921.8	21.7	67.0	153.5	4.5	18.8	
6	937.7	20.0	69.0	127.1	2.0	19.5		6	937.4	20.0	0.0	128.3	2.6	18.2	
7	940.1	21.1	65.0	150.8	1.9	21.4		7	939.7	20.6	70.0	153.2	2.1	20.5	
8	946.8	21.1	90.0	153.5	0.5	19.4		8	946.2	20.6	90.0	200.1	0.8	18.0	
9	928.9	21.7	77.0	151.3	1.1	19.6		9	927.9	19.4	80.0	140.8	2.7	17.3	
10	951.9	22.2	81.0	142.8	1.4	19.9		10	951.2	21.7	85.0	161.8	2.6	19.1	

JUNE 15, 1977 500 CDT								JUNE 15, 1977 600 CDT							
STAT NO.	PRES ME	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES ME	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.7	18.3	93.0	321.1	1.3	16.7		1	931.3	17.8	83.0	275.2	1.4	15.3	
2	919.4	19.4	99.0	55.5	1.4	18.3		2	919.4	18.9	89.0	87.3	1.8	17.9	
3	930.6	18.9	95.0	270.4	1.0	18.5		3	930.9	18.9	85.0	141.7	0.7	18.4	
4	925.3	16.7	91.0	201.0	2.6	17.7		4	935.3	16.7	90.0	203.6	1.1	17.9	
5	922.1	21.1	72.0	180.7	1.3	18.3		5	922.1	19.4	76.0	80.9	1.3	16.6	
6	937.0	19.4	0.0	127.9	2.0	17.3		6	937.4	18.3	0.0	296.9	1.3	15.8	
7	939.4	20.0	74.0	150.2	0.6	19.2		7	939.7	18.3	76.0	140.3	1.3	17.3	
8	946.7	19.4	97.0	171.4	1.1	17.3		8	945.8	18.9	95.0	94.3	0.8	16.5	
9	927.9	19.4	84.0	139.1	1.4	15.7		9	929.2	18.9	86.0	225.4	1.1	15.8	
10	950.9	20.0	90.0	182.4	4.2	19.7		10	950.9	19.4	90.0	117.8	1.5	18.5	

JUNE 14, 1977 700 CDT								JUNE 15, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		
1	931.7	17.9	80.0	202.3	0.7	15.4	1	931.6	20.0	75.0	350.3	0.9	19.5		
2	919.4	19.4	59.0	92.9	1.4	14.1	2	920.1	21.7	79.0	172.1	1.4	21.3		
3	931.7	18.9	86.0	187.5	0.2	19.0	3	931.3	19.4	85.0	141.6	0.7	23.6		
4	935.7	15.1	91.0	37.1	0.7	17.7	4	936.0	16.7	91.0	320.5	1.1	20.6		
5	922.1	18.3	82.0	105.6	1.6	16.5	5	922.8	21.1	78.0	99.4	1.3	19.3		
6	939.0	17.2	0.0	273.6	1.3	15.6	6	939.0	17.8	0.0	331.9	1.3	19.3		
7	940.4	17.2	79.0	290.4	1.0	17.7	7	940.4	20.0	79.0	57.5	0.7	21.8		
8	945.2	18.6	95.0	288.5	0.3	16.1	8	946.5	20.6	88.0	317.6	1.5	19.1		
9	928.5	17.6	89.0	18.2	0.2	14.4	9	928.9	17.8	86.0	191.2	0.6	19.5		
10	950.5	19.4	92.0	181.4	3.2	18.2	10	950.0	19.4	87.0	156.2	4.5	21.1		

JUNE 15, 1977 900 CDT								JUNE 15, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		
1	932.7	22.2	55.0	289.2	0.8	22.0	1	932.3	24.4	57.0	162.3	1.7	26.3		
2	920.4	27.0	70.0	162.9	2.8	23.5	2	920.4	25.6	61.0	174.0	2.9	25.5		
3	931.3	21.7	73.0	194.1	1.7	25.7	3	931.9	23.9	64.0	172.2	1.7	28.3		
4	936.7	20.0	82.0	269.0	2.2	23.2	4	936.7	21.7	73.0	233.6	1.3	24.7		
5	923.6	22.9	79.0	180.9	2.4	21.8	5	924.1	25.0	62.0	192.8	2.4	24.1		
6	936.1	21.1	69.0	176.5	3.1	24.0	6	939.7	23.9	60.0	188.8	1.4	27.4		
7	940.7	23.3	70.0	149.1	1.5	29.1	7	941.1	27.8	55.0	151.3	1.5	28.2		
8	934.8	23.3	79.0	141.9	1.7	24.1	8	947.5	25.5	49.0	176.3	1.5	26.9		
9	920.2	21.7	75.0	162.2	2.1	23.0	9	929.2	24.4	62.0	189.3	1.8	27.5		
10	951.4	22.2	75.0	338.9	1.0	23.5	10	952.3	24.4	71.0	23.3	2.8	24.6		

JUNE 15, 1977 1100 CDT								JUNE 15, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		
1	937.3	25.6	45.0	145.5	2.1	29.0	1	931.9	26.7	44.0	152.9	2.8	28.7		
2	920.1	27.2	59.0	177.1	4.1	27.7	2	920.1	30.0	41.0	133.6	4.1	29.6		
3	931.4	25.0	55.0	107.4	1.6	29.9	3	931.3	27.2	45.0	135.1	2.7	29.4		
4	936.7	22.8	59.0	202.5	2.3	28.8	4	936.3	25.0	60.0	179.8	2.4	30.2		
5	924.5	27.2	53.0	144.5	3.0	26.9	5	924.8	29.4	44.0	112.1	3.9	28.4		
6	938.4	25.1	52.0	80.7	1.9	23.7	6	938.4	27.8	45.0	119.3	3.1	29.7		
7	941.1	28.0	49.0	122.5	1.9	30.0	7	941.1	30.0	44.0	101.4	3.3	30.9		
8	947.5	27.2	57.0	78.8	2.0	27.7	8	947.5	28.9	49.0	93.0	1.7	29.8		
9	929.2	27.2	49.0	89.7	1.7	23.2	9	929.2	28.9	42.0	125.6	2.5	30.6		
10	951.9	26.1	52.0	39.0	0.6	27.3	10	951.6	29.4	49.0	83.5	3.1	30.1		

JUNE 15, 1977 1300 CDT								JUNE 15, 1977 1400 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	971.6	29.3	42.0	140.3	3.0	30.0		1	930.9	30.0	37.0	132.9	3.7	31.1	
2	919.4	31.1	37.0	127.1	5.2	31.3		2	919.7	32.2	35.0	135.8	2.9	33.6	
3	930.9	29.3	43.0	127.6	3.1	31.1		3	930.2	28.9	43.0	123.0	3.1	32.3	
4	935.7	26.7	57.0	218.8	3.7	31.1		4	934.6	28.3	48.0	238.9	3.1	32.6	
5	924.5	31.1	35.0	119.5	3.6	30.8		5	924.1	32.8	33.0	112.3	3.7	32.3	
6	939.0	29.9	47.0	122.4	3.7	30.4		6	937.4	30.0	40.0	131.2	3.0	31.9	
7	940.7	31.1	40.0	105.8	2.6	32.0		7	939.7	32.2	36.0	89.2	3.3	33.6	
8	947.2	30.6	42.0	64.2	2.8	29.8		8	946.2	31.7	36.0	85.7	2.3	32.4	
9	929.9	30.0	39.0	143.4	2.7	31.5		9	927.9	31.1	34.0	91.3	3.0	32.3	
10	950.9	30.0	45.0	104.0	1.2	31.6		10	949.9	31.1	41.0	103.2	3.6	33.4	

JUNE 15, 1977 1500 CDT								JUNE 15, 1977 1600 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	929.9	30.6	34.0	140.5	2.8	32.3		1	929.6	31.7	32.0	154.1	3.0	33.2	
2	917.7	33.3	33.0	119.2	4.9	34.5		2	917.0	33.3	31.0	147.1	3.7	35.1	
3	920.2	30.0	40.0	135.2	2.5	33.2		3	928.9	31.1	37.0	133.0	3.2	35.0	
4	934.0	29.4	43.0	175.3	2.4	999.9		4	933.0	30.6	39.0	165.2	3.1	999.9	
5	923.5	33.3	32.0	129.0	3.0	32.6		5	923.1	35.0	27.0	109.6	3.9	33.5	
6	936.7	31.1	39.0	98.9	3.4	32.2		6	935.3	32.2	37.0	114.1	3.2	33.6	
7	930.0	33.3	32.0	91.3	2.9	34.8		7	938.7	34.4	30.0	78.9	2.7	35.8	
8	945.5	32.8	31.0	89.2	1.9	33.3		8	944.8	33.9	26.0	21.6	1.4	33.0	
9	927.2	32.2	32.0	152.5	2.8	33.8		9	926.9	33.3	30.0	180.3	2.4	34.4	
10	940.2	32.8	37.0	104.5	1.3	34.8		10	948.5	33.3	34.0	101.0	4.0	35.0	

JUNE 15, 1977 1700 CDT								JUNE 15, 1977 1800 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	929.9	32.2	31.0	160.5	2.5	33.5		1	928.6	32.2	31.0	143.3	2.9	34.2	
2	915.4	32.9	31.0	142.6	3.7	35.2		2	915.7	33.3	30.0	137.1	3.2	34.5	
3	927.9	31.7	35.0	134.9	2.5	35.1		3	927.5	32.2	34.0	127.5	2.6	35.6	
4	932.3	31.1	38.0	224.1	3.0	999.9		4	931.9	31.7	35.0	209.1	2.8	999.9	
5	922.5	34.4	27.0	134.5	4.0	34.3		5	922.1	35.0	26.0	137.9	4.5	33.9	
6	935.0	32.8	34.0	132.2	2.9	34.1		6	934.3	33.3	33.0	145.4	3.4	34.3	
7	938.0	35.0	30.0	108.6	2.9	35.6		7	937.4	35.0	30.0	115.0	2.4	36.6	
8	944.1	34.4	25.0	89.5	3.0	34.7		8	943.5	34.4	25.0	102.9	2.5	35.0	
9	925.8	34.4	29.0	146.9	2.9	34.8		9	925.5	34.4	28.0	354.2	2.2	34.4	
10	947.9	33.9	33.0	93.5	2.0	35.8		10	946.8	33.9	32.0	101.6	4.4	36.8	

JUNE 15, 1977 1000 CDT								JUNE 15, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	028.2	32.2	31.0	155.5	2.5	34.1		1	927.9	31.1	34.0	130.2	2.1	32.2	
2	015.7	32.8	30.0	149.6	3.5	34.5		2	915.7	31.7	33.0	137.2	4.3	32.6	
3	027.5	32.2	33.0	117.1	2.1	35.1		3	927.5	32.2	33.0	142.6	1.5	34.3	
4	021.9	31.7	36.0	204.3	2.2	38.2		4	931.3	31.1	36.0	212.3	3.1	35.9	
5	022.1	34.4	25.0	115.2	3.3	33.5		5	922.1	33.9	26.0	119.5	4.1	32.2	
6	024.0	33.3	33.0	124.8	3.4	33.4		6	934.0	32.8	32.0	131.2	2.9	31.1	
7	027.0	34.4	31.0	131.9	3.3	36.0		7	937.0	33.3	33.0	123.1	2.5	35.4	
8	022.8	34.4	26.0	123.3	2.2	34.2		8	942.8	32.8	29.0	128.4	3.1	31.7	
9	025.2	33.9	24.0	159.4	3.1	33.6		9	925.2	32.8	30.0	132.3	2.7	32.3	
10	045.5	33.0	31.0	94.9	2.3	35.0		10	946.5	32.8	35.0	118.2	0.6	35.0	

JUNE 15, 1977 2100 CDT								JUNE 15, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	027.9	23.7	45.0	94.3	1.7	27.1		1	927.9	25.6	52.0	133.9	2.0	24.2	
2	015.7	22.4	41.0	120.8	3.6	29.7		2	915.0	27.2	46.0	112.1	2.9	27.1	
3	027.9	30.6	39.0	155.6	1.5	30.7		3	924.2	27.2	46.0	185.9	1.4	27.7	
4	021.6	25.4	40.0	207.8	2.7	29.3		4	931.9	25.1	45.0	223.3	2.1	26.8	
5	021.8	31.1	27.0	112.4	2.9	29.5		5	921.4	28.3	36.0	118.8	2.8	26.8	
6	024.3	31.7	36.0	139.9	2.2	23.0		6	934.6	28.3	42.0	145.0	3.1	26.1	
7	027.4	30.6	39.0	130.8	1.8	30.8		7	937.4	28.9	41.0	146.1	2.2	28.8	
8	042.8	30.6	34.0	139.5	1.9	29.4		8	943.1	27.8	47.0	113.9	1.1	25.6	
9	025.5	31.1	34.0	148.0	2.3	29.0		9	925.8	28.3	44.0	140.7	2.2	25.3	
10	046.8	30.6	42.0	129.5	2.4	30.7		10	947.5	28.3	48.0	182.8	4.1	29.2	

JUNE 15, 1977 2300 CDT								JUNE 15, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	028.2	24.4	59.0	169.0	1.7	23.2		1	928.6	22.8	59.0	131.6	1.5	21.8	
2	016.4	24.7	50.0	133.0	3.9	25.0		2	916.7	25.6	50.0	140.5	4.8	25.0	
3	028.2	25.6	55.0	181.9	1.4	25.3		3	928.2	23.9	60.0	185.3	1.8	24.6	
4	032.7	27.9	52.0	209.5	2.7	25.3		4	932.3	22.8	58.0	210.5	2.5	23.9	
5	021.4	27.2	40.0	133.4	3.5	25.0		5	920.8	26.1	45.0	158.4	3.6	23.9	
6	025.0	27.2	44.0	141.5	2.4	24.6		6	935.0	25.0	50.0	146.3	1.8	22.0	
7	027.7	27.2	45.0	170.4	1.8	27.1		7	937.7	25.0	51.0	158.0	1.5	25.3	
8	043.5	26.7	55.0	145.2	0.6	23.8		8	943.5	25.0	65.0	119.3	0.6	21.8	
9	024.2	24.1	48.0	146.0	1.6	23.8		9	926.2	25.0	53.0	148.9	1.9	22.5	
10	047.9	24.7	57.0	121.1	1.3	27.4		10	948.2	26.1	62.0	111.1	3.1	26.0	

JUNE 15, 1977 100 CDT								JUNE 16, 1977 200 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRT) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRT) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	028.4	22.8	60.0	171.4	1.8	20.7		1	929.2	21.1	65.0	100.8	1.2	19.5	
2	016.7	23.9	55.0	142.4	2.1	23.5		2	915.4	22.8	62.0	151.7	2.6	21.9	
3	027.5	23.7	60.0	185.4	1.7	23.6		3	927.5	22.2	62.0	184.7	1.5	22.6	
4	031.0	21.7	61.0	242.4	3.3	23.2		4	931.9	21.1	66.0	248.9	4.8	22.9	
5	020.1	25.0	49.0	160.0	3.8	22.2		5	919.4	23.9	51.0	185.7	2.1	20.8	
6	034.4	22.8	59.0	147.2	1.7	20.4		6	934.3	21.7	62.0	142.9	2.3	19.8	
7	037.7	24.4	55.0	163.3	1.5	23.9		7	937.4	23.3	60.0	128.2	1.4	23.6	
8	043.5	24.4	65.0	124.8	1.8	21.5		8	943.1	23.9	67.0	130.8	2.0	21.2	
9	025.8	23.9	57.0	167.8	1.9	20.9		9	925.5	22.8	61.0	130.4	1.4	20.0	
10	047.0	24.4	67.0	120.5	0.8	24.5		10	947.9	23.9	71.0	113.5	2.4	23.6	

JUNE 16, 1977 300 CDT								JUNE 16, 1977 400 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRT) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRT) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	028.2	20.6	65.0	90.5	1.1	18.4		1	928.2	19.4	77.0	301.2	1.2	18.5	
2	016.0	21.7	67.0	144.5	1.6	20.8		2	915.0	21.1	71.0	127.0	2.4	19.7	
3	027.2	21.7	65.0	185.4	2.4	21.7		3	927.2	20.6	68.0	177.2	1.3	21.1	
4	031.7	21.1	69.0	244.5	4.0	21.9		4	931.3	20.0	75.0	268.3	2.3	19.4	
5	018.7	22.8	57.0	173.8	2.7	19.8		5	918.7	22.2	60.0	171.2	3.2	19.5	
6	034.0	21.1	67.0	141.8	2.0	19.6		6	934.0	19.4	0.0	139.2	1.2	18.0	
7	037.0	21.7	67.0	165.0	0.9	21.4		7	036.7	20.6	71.0	172.2	0.5	20.3	
8	042.8	23.7	71.0	135.0	1.8	20.7		8	942.4	22.2	76.0	138.7	1.6	19.2	
9	025.2	21.7	64.0	168.1	2.0	19.7		9	924.8	21.7	76.0	187.9	3.0	19.3	
10	047.5	23.3	74.0	134.5	4.0	23.4		10	947.5	23.9	78.0	157.2	2.1	24.0	

JUNE 16, 1977 500 CDT								JUNE 16, 1977 600 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRT) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRT) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	028.2	18.9	75.0	329.4	0.7	17.7		1	927.9	18.9	74.0	114.6	0.7	17.0	
2	015.7	20.6	73.0	139.5	2.5	19.1		2	915.0	19.4	77.0	141.2	2.5	18.0	
3	027.2	20.0	72.0	167.0	1.5	18.5		3	927.2	18.9	78.0	174.4	1.2	19.6	
4	030.9	18.7	93.0	260.7	3.0	19.1		4	930.9	17.8	86.0	275.0	4.0	19.8	
5	018.4	21.7	62.0	190.3	2.9	18.2		5	918.7	20.6	66.0	172.4	3.6	17.4	
6	034.0	18.9	0.0	156.0	0.9	17.0		6	934.0	18.3	0.0	145.9	1.5	16.9	
7	037.7	22.2	73.0	189.5	2.4	22.9		7	937.0	21.7	79.0	192.3	3.5	22.1	
8	042.4	22.2	78.0	151.9	1.7	18.9		8	942.4	21.1	82.0	161.6	1.1	17.9	
9	024.8	21.1	82.0	178.9	2.1	19.4		9	925.2	20.0	89.0	168.7	2.9	16.8	
10	047.5	22.8	94.0	145.5	4.4	22.8		10	947.9	22.8	85.0	158.7	2.2	22.0	



JUNE 16, 1977 700 CDT								JUNE 16, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	927.9	19.3	90.0	137.6	0.8	17.3		1	929.2	20.6	72.0	173.1	2.1	20.2	
2	916.0	20.0	70.0	148.3	2.3	13.0		2	916.4	21.7	80.0	169.9	4.9	20.2	
3	927.5	19.9	79.0	95.7	0.9	19.7		3	927.9	20.6	83.0	181.8	2.4	22.6	
4	931.7	17.9	86.0	281.2	3.3	19.1		4	931.6	17.8	90.0	287.5	5.1	21.3	
5	910.4	20.0	75.0	182.6	3.6	17.1		5	919.7	21.1	79.0	185.0	5.6	18.3	
6	934.0	17.8	0.0	161.4	2.4	17.6		6	934.3	19.4	0.0	182.6	4.0	20.0	
7	937.0	21.7	30.0	200.3	7.1	21.2		7	937.4	22.2	77.0	196.4	4.7	23.6	
8	942.3	20.6	87.0	150.0	0.9	17.9		8	943.1	22.2	81.0	151.2	2.6	20.6	
9	925.5	19.4	71.0	175.8	2.5	15.3		9	925.9	19.4	90.0	190.3	3.8	19.0	
10	947.9	21.7	87.0	163.9	3.9	21.5		10	948.5	22.2	82.0	172.3	2.8	24.0	

JUNE 16, 1977 900 CDT								JUNE 16, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	929.2	23.3	66.0	202.5	3.9	23.1		1	929.6	26.7	61.0	209.0	3.9	26.4	
2	917.0	25.0	71.0	194.7	5.4	22.9		2	915.7	28.3	56.0	202.7	5.8	27.2	
3	928.7	23.9	69.0	195.2	3.7	25.1		3	928.2	26.1	59.0	205.7	3.8	28.7	
4	931.7	20.0	82.0	201.4	5.4	23.6		4	932.3	22.2	74.0	279.0	5.6	26.6	
5	920.9	23.7	75.0	196.3	6.3	21.1		5	921.1	26.1	62.0	207.3	5.6	24.6	
6	934.6	22.2	65.0	195.4	5.0	22.7		6	934.6	25.0	51.0	183.7	5.0	27.1	
7	937.7	25.0	69.0	200.3	4.5	25.8		7	938.0	27.8	54.0	199.3	4.8	29.7	
8	943.5	24.4	71.0	170.2	3.9	23.4		8	943.8	27.2	57.0	185.2	4.4	26.6	
9	925.8	21.7	79.0	171.5	6.0	21.5		9	926.2	24.4	67.0	207.8	5.4	24.4	
10	949.9	27.9	75.0	180.6	1.8	26.3		10	949.5	26.1	63.0	202.2	2.0	28.5	

JUNE 16, 1977 1100 CDT								JUNE 16, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	923.2	27.8	57.0	190.4	4.0	23.3		1	927.9	30.6	50.0	187.1	5.0	31.0	
2	914.4	31.1	44.0	197.9	5.8	30.7		2	915.7	33.9	31.0	188.3	6.0	33.4	
3	927.5	29.0	50.0	197.6	3.9	29.9		3	927.5	31.1	41.0	187.2	5.0	33.4	
4	931.9	27.6	61.0	257.2	5.6	29.5		4	931.3	30.6	51.0	194.1	5.4	31.8	
5	921.1	29.9	57.0	190.0	6.0	27.3		5	921.4	31.7	41.0	190.9	6.4	29.9	
6	934.3	28.3	47.0	191.2	5.3	29.3		6	933.6	31.1	37.0	191.9	5.4	31.8	
7	938.0	30.0	49.0	199.7	4.9	30.2		7	937.7	32.2	39.0	220.6	4.5	34.1	
8	943.9	29.4	47.0	178.3	4.7	29.3		8	943.5	31.7	41.0	178.3	3.9	31.2	
9	924.2	26.7	57.0	200.0	5.6	26.7		9	925.8	28.9	47.0	194.1	5.6	29.7	
10	948.7	29.9	52.0	203.7	0.3	31.1		10	947.9	31.1	45.0	208.1	2.7	33.0	

JUNE 16, 1977 1300 CDT								JUNE 16, 1977 1400 CDT							
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	
1	927.5	32.2	42.0	177.8	5.5	32.8		1	926.9	33.3	36.0	184.6	6.3	34.9	
2	915.7	35.6	29.0	178.8	6.4	34.2		2	914.7	36.7	26.0	174.7	6.8	35.8	
3	927.2	32.8	32.0	187.9	5.0	35.1		3	926.2	33.9	29.0	190.4	5.2	36.6	
4	940.9	31.7	44.0	190.9	5.9	33.4		4	930.2	33.3	39.0	198.6	5.9	34.6	
5	921.8	33.3	37.0	195.2	6.5	32.5		5	921.4	35.0	26.0	185.3	6.7	34.3	
6	933.0	35.0	29.0	194.2	5.1	33.8		6	932.3	36.1	26.0	180.3	5.4	35.4	
7	937.4	34.4	30.0	183.5	4.2	36.3		7	937.0	35.6	27.0	210.1	4.1	38.0	
8	943.1	33.9	32.0	164.0	4.2	33.3		8	942.8	35.0	26.0	169.4	4.4	34.3	
9	925.5	31.1	30.0	195.9	5.6	31.9		9	925.5	32.8	36.0	206.3	5.1	33.9	
10	947.5	32.8	30.0	207.2	4.2	35.0		10	946.8	34.4	32.0	206.6	0.2	36.8	

JUNE 16, 1977 1500 CDT								JUNE 16, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	
1	926.2	34.4	31.0	188.7	5.8	35.6		1	925.5	35.6	28.0	175.3	6.4	35.9	
2	914.0	37.2	23.0	181.5	7.0	37.1		2	913.0	37.8	21.0	191.4	6.6	37.7	
3	925.8	35.0	36.0	190.1	5.3	37.8		3	925.2	36.1	24.0	199.6	4.7	38.3	
4	929.5	34.4	29.0	187.5	5.9	36.0		4	928.9	35.0	29.0	177.1	6.7	37.5	
5	921.1	36.1	25.0	188.3	6.2	35.1		5	920.8	36.7	23.0	191.8	5.8	34.8	
6	931.6	37.2	24.0	192.9	5.4	36.3		6	930.9	37.2	23.0	164.2	5.8	36.6	
7	936.0	34.7	26.0	185.6	4.1	38.6		7	935.3	37.8	24.0	170.8	4.7	39.4	
8	942.1	36.1	25.0	159.4	4.7	35.4		8	941.4	37.2	22.0	157.0	5.6	36.1	
9	924.5	33.9	32.0	192.7	5.5	34.7		9	924.1	35.0	28.0	184.3	5.8	34.7	
10	946.2	35.6	29.0	190.8	0.6	37.8		10	945.5	36.1	27.0	191.1	1.2	38.4	

JUNE 16, 1977 1700 CDT								JUNE 16, 1977 1800 CDT							
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	
1	925.2	36.1	27.0	176.8	5.9	35.9		1	924.5	36.1	25.0	174.8	5.6	36.1	
2	912.5	37.9	22.0	171.2	6.3	37.4		2	912.0	37.2	23.0	181.4	6.2	37.0	
3	924.8	34.1	23.0	200.6	4.1	38.3		3	924.5	36.7	23.0	209.8	3.8	38.9	
4	928.6	36.0	28.0	191.9	6.1	37.5		4	928.2	35.0	28.0	183.5	6.5	37.5	
5	920.4	37.2	27.0	190.3	3.8	35.2		5	920.1	37.2	23.0	188.4	5.5	34.9	
6	930.5	37.8	22.0	187.9	5.4	35.9		6	930.2	37.2	22.0	175.7	4.7	36.3	
7	935.0	37.8	23.0	202.5	4.4	40.2		7	934.6	37.8	23.0	188.8	4.4	39.3	
8	940.7	37.9	21.0	165.7	4.7	36.3		8	940.4	37.2	21.0	166.3	4.6	36.1	
9	923.1	35.6	28.0	190.6	5.2	35.3		9	922.8	35.6	27.0	179.6	5.2	35.1	
10	944.5	36.7	26.0	179.9	2.4	38.6		10	944.1	36.7	26.0	181.2	3.3	37.9	

JUNE 16, 1977													
2000 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	928.1	35.6	26.0	170.4	5.8	35.8	1	924.1	34.4	27.0	170.9	4.2	34.1
2	912.0	34.7	27.0	170.7	6.4	36.0	2	912.0	35.0	26.0	166.4	6.8	34.8
3	926.1	34.1	24.0	171.0	4.7	37.6	3	924.1	35.0	25.0	174.6	5.2	36.6
4	927.0	34.4	20.0	174.0	5.9	37.1	4	927.9	32.2	33.0	170.4	5.9	36.9
5	920.1	34.7	23.0	177.8	5.9	34.5	5	919.7	36.1	25.0	165.1	6.7	32.8
6	920.2	34.0	22.0	177.9	4.5	35.4	6	920.2	35.0	25.0	168.9	5.0	33.9
7	924.6	37.2	24.0	185.4	4.2	39.7	7	934.6	35.6	25.0	185.4	4.1	37.6
8	920.1	34.7	21.0	185.9	4.6	35.0	8	940.1	35.0	23.0	170.2	3.5	33.7
9	923.9	35.0	27.0	178.0	4.7	34.6	9	923.1	34.4	27.0	178.1	4.6	32.7
10	943.9	35.1	27.0	187.7	4.1	37.0	10	944.1	35.0	30.0	175.2	0.0	35.8

JUNE 16, 1977													
2200 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	924.5	31.1	37.0	175.0	2.8	30.1	1	924.8	29.4	39.0	174.1	4.6	28.6
2	912.3	32.8	30.0	184.3	6.4	32.2	2	912.6	30.0	35.0	164.2	6.7	30.0
3	924.5	34.1	24.0	177.1	4.3	31.9	3	924.8	30.6	32.0	178.8	4.9	31.4
4	924.9	34.4	42.0	171.4	5.4	31.7	4	928.6	27.8	44.0	172.5	6.2	30.2
5	919.4	34.4	27.0	189.7	7.0	29.8	5	919.4	31.1	32.0	162.9	7.5	27.7
6	920.6	32.7	31.0	189.5	4.5	30.2	6	920.9	29.4	35.0	156.7	5.2	28.5
7	925.0	32.0	29.0	173.1	4.2	31.8	7	935.3	31.1	33.0	176.3	3.8	31.8
8	940.4	33.7	29.0	187.4	3.7	30.2	8	940.7	31.1	34.0	157.2	4.0	28.6
9	923.5	34.7	32.0	167.1	4.2	29.5	9	924.1	30.0	40.0	167.0	4.5	27.5
10	944.8	34.3	34.0	182.5	4.1	32.9	10	945.5	30.6	42.0	180.5	2.6	31.2

JUNE 16, 1977													
2400 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	925.5	29.4	33.0	174.5	6.5	23.5	1	926.2	29.3	40.0	175.3	5.1	27.5
2	917.3	29.0	43.0	167.1	7.2	23.1	2	914.0	27.2	49.0	169.8	7.4	26.5
3	925.5	29.4	37.0	180.9	5.8	30.6	3	925.8	28.3	43.0	184.8	5.2	29.3
4	924.0	27.2	59.0	177.7	7.3	29.3	4	929.6	26.1	55.0	180.2	5.6	28.0
5	919.4	29.4	39.0	169.2	7.7	25.2	5	919.4	27.8	44.0	177.3	7.3	25.1
6	941.3	27.9	41.0	142.0	6.6	27.2	6	931.6	26.7	45.0	178.7	4.3	26.2
7	925.7	29.0	40.0	175.8	4.8	30.2	7	935.7	28.9	44.0	186.9	5.1	29.8
8	941.1	29.4	41.0	157.7	7.7	27.0	8	941.1	29.3	46.0	160.6	3.7	26.1
9	924.1	29.7	47.0	173.5	5.3	25.9	9	924.1	27.2	52.0	177.3	6.4	25.3
10	944.2	29.4	47.0	177.5	1.1	30.1	10	946.5	28.9	51.0	184.3	0.7	29.6

JUNE 17, 1977													
100 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	926.5	27.2	45.0	190.8	4.9	1	926.5	26.1	52.0	192.2	4.2	24.3
I	2	914.3	26.1	54.0	175.5	7.2	2	914.3	25.0	50.0	181.1	6.2	23.8
I	3	925.8	27.2	49.0	194.2	5.3	3	925.8	26.7	50.0	195.0	4.5	27.4
I	4	920.6	24.4	51.0	189.8	4.5	4	929.2	23.9	66.0	190.0	6.3	26.2
I	5	918.7	26.7	48.0	182.4	7.2	5	919.4	25.6	52.0	190.5	6.6	22.2
I	6	911.9	25.6	48.0	168.7	4.7	6	931.6	25.0	53.0	171.2	4.8	23.3
I	7	915.7	28.3	49.0	190.5	5.0	7	935.7	26.7	52.0	184.9	3.9	27.5
I	8	941.1	27.8	51.0	165.5	2.9	8	941.4	26.7	55.0	176.1	3.2	24.3
I	9	924.1	26.7	52.0	179.9	5.4	9	923.8	24.4	62.0	175.8	5.0	21.9
I	10	945.8	27.8	53.0	185.7	2.2	10	945.1	27.2	61.0	188.5	0.7	27.7
JUNE 17, 1977													
300 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	924.5	25.0	53.0	190.6	3.4	1	926.5	23.9	62.0	188.8	3.9	22.0
I	2	914.3	23.9	66.0	160.6	5.2	2	914.3	22.8	72.0	175.1	4.2	21.8
I	3	925.8	25.6	54.0	197.0	5.0	3	925.8	24.4	59.0	202.0	4.1	24.3
I	4	929.2	27.2	69.0	191.7	5.6	4	929.2	21.7	76.0	208.5	2.9	22.6
I	5	918.4	24.4	53.0	189.4	6.0	5	919.1	23.9	62.0	185.9	5.6	20.5
I	6	911.9	23.9	50.0	172.2	3.9	6	931.3	22.8	62.0	180.6	5.2	21.8
I	7	935.7	25.6	58.0	179.3	2.9	7	935.3	25.0	61.0	200.6	4.2	25.3
I	8	941.1	25.6	62.0	167.4	2.9	8	941.1	23.9	70.0	147.8	1.8	20.9
I	9	923.8	23.2	68.0	172.9	3.2	9	923.8	22.8	71.0	171.4	2.5	19.7
I	10	945.5	26.1	67.0	182.2	2.5	10	945.8	25.0	71.0	177.6	1.9	24.9
JUNE 17, 1977													
600 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	926.5	27.2	45.0	192.9	4.4	1	926.5	23.3	67.0	156.3	3.1	19.9
I	2	914.3	21.7	72.0	174.8	2.9	2	914.3	20.6	85.0	171.0	3.6	18.8
I	3	925.8	27.9	57.0	205.8	5.2	3	925.8	22.8	66.0	197.7	4.5	22.7
I	4	929.2	19.4	82.0	194.2	2.5	4	929.2	19.4	88.0	205.7	3.8	20.2
I	5	918.1	22.8	66.0	190.2	2.7	5	918.1	21.1	73.0	188.1	3.0	17.4
I	6	911.9	21.1	0.0	192.0	2.3	6	931.9	21.1	0.0	173.0	3.2	19.2
I	7	935.7	27.0	65.0	204.0	4.0	7	935.7	22.8	70.0	184.0	3.9	22.7
I	8	941.1	22.2	77.0	175.0	1.0	8	941.1	22.2	80.0	163.2	2.3	18.7
I	9	927.9	22.2	74.0	173.8	3.3	9	924.1	20.6	80.0	177.8	3.8	18.1
I	10	946.2	24.4	75.0	176.3	2.0	10	946.8	23.3	83.0	152.4	1.1	23.1

JUNE 17, 1977 700 CDT								JUNE 17, 1977 800 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	024.9	21.1	77.0	179.9	2.9	19.4		1	927.2	21.1	80.0	195.0	4.7	21.6	
2	014.7	20.6	93.0	170.2	4.4	19.3		2	915.3	22.8	76.0	184.2	5.3	21.1	
3	026.2	21.1	77.0	197.8	4.4	21.5		3	926.5	21.7	75.0	194.6	5.3	23.6	
4	020.2	18.9	92.0	190.5	4.0	20.6		4	929.9	20.6	88.0	186.8	6.9	23.0	
5	017.7	20.6	75.0	182.9	4.7	17.4		5	919.4	22.2	75.0	192.4	6.9	19.9	
6	022.3	21.7	0.0	162.6	2.8	19.4		6	932.6	23.9	0.0	168.1	4.9	21.1	
7	034.0	22.2	76.0	197.9	4.4	22.2		7	936.3	22.8	77.0	189.6	4.4	23.4	
8	041.4	22.7	81.0	161.3	2.2	18.8		8	942.1	23.3	80.0	158.1	4.0	21.1	
9	024.5	20.0	97.0	192.7	3.5	17.7		9	924.8	20.0	88.0	185.8	4.6	19.6	
10	047.2	22.8	89.0	145.3	3.4	22.8		10	947.5	23.3	84.0	156.8	2.0	24.3	

JUNE 17, 1977 900 CDT								JUNE 17, 1977 1000 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	027.5	22.8	74.0	199.2	6.5	24.4		1	927.5	25.6	65.0	187.7	6.8	26.9	
2	015.7	25.0	63.0	197.1	8.4	24.0		2	915.0	28.9	51.0	176.5	8.5	28.0	
3	026.2	22.3	71.0	196.4	5.9	25.9		3	925.5	26.1	62.0	190.1	6.3	28.6	
4	020.2	22.8	86.0	192.8	7.7	24.7		4	930.6	25.0	75.0	196.5	7.8	26.9	
5	010.1	25.0	62.0	191.0	8.4	22.6		5	916.7	28.3	50.0	193.6	7.9	25.2	
6	023.0	24.7	67.0	174.2	5.5	23.4		6	932.6	29.4	56.0	170.6	5.2	26.2	
7	026.7	25.0	73.0	189.4	4.9	25.2		7	936.7	27.2	61.0	198.0	4.7	28.6	
8	042.4	25.0	75.0	167.6	5.0	23.2		8	942.8	27.2	62.0	164.6	5.4	25.9	
9	025.2	23.9	73.0	190.9	6.4	21.9		9	925.2	26.1	61.0	188.9	6.1	24.8	
10	047.0	24.4	76.0	182.7	2.2	25.0		10	947.5	26.7	63.0	182.9	3.4	29.3	

JUNE 17, 1977 1100 CDT								JUNE 17, 1977 1200 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	027.2	24.3	58.0	195.3	6.4	29.4		1	927.2	30.6	49.0	186.5	6.2	31.9	
2	015.0	31.7	37.0	196.5	8.0	30.6		2	914.7	35.0	29.0	198.4	6.7	34.0	
3	026.2	24.3	54.0	197.9	6.4	30.6		3	926.2	30.6	44.0	174.0	5.9	32.7	
4	020.2	27.2	61.0	194.3	8.1	29.5		4	930.2	30.6	50.0	191.2	7.5	32.8	
5	020.4	31.1	40.0	189.4	9.3	29.3		5	920.8	33.3	30.0	197.9	7.5	32.7	
6	022.7	32.2	47.0	170.1	6.6	29.2		6	931.9	35.0	36.0	170.0	6.5	31.7	
7	026.7	30.0	51.0	187.5	4.9	31.6		7	936.3	32.8	40.0	178.2	5.4	34.6	
8	042.4	30.0	50.0	173.2	5.7	29.3		8	942.4	32.2	48.0	163.5	6.0	31.2	
9	025.2	29.9	49.0	190.2	6.3	27.8		9	924.8	31.7	37.0	174.0	6.5	30.3	
10	047.5	29.4	53.0	193.2	0.4	31.6		10	947.5	31.1	45.0	184.8	2.6	32.5	

JUNE 17, 1977 1300 CDT							JUNE 17, 1977 1400 CDT						
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	925.2	32.8	41.0	186.0	6.8	34.0	1	925.5	35.0	35.0	180.1	6.8	35.7
2	914.0	32.2	23.0	192.2	6.3	36.9	2	913.3	38.9	18.0	195.6	6.8	38.2
3	925.8	32.3	35.0	183.0	5.3	34.9	3	924.8	35.6	27.0	183.4	5.9	36.8
4	920.5	32.8	40.0	192.2	8.4	34.3	4	929.2	34.4	35.0	175.8	8.5	35.4
5	921.1	35.7	26.0	207.0	6.9	35.0	5	921.1	38.3	20.0	203.3	6.3	37.0
6	921.6	36.7	29.0	163.3	6.4	34.3	6	921.3	38.3	23.0	164.3	6.3	35.9
7	936.0	35.6	31.0	176.9	5.9	36.7	7	935.3	37.2	24.0	183.3	5.6	38.7
8	942.1	34.4	32.0	157.2	6.2	32.3	8	941.4	36.1	24.0	152.7	6.3	35.0
9	924.5	32.8	31.0	176.1	6.4	32.5	9	924.1	36.1	25.0	173.0	6.5	34.8
10	946.8	32.8	39.0	199.5	0.2	35.0	10	946.2	35.0	31.0	188.7	2.3	36.6

JUNE 17, 1977 1500 CDT							JUNE 17, 1977 1600 CDT						
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	925.2	36.7	30.0	174.7	7.0	37.1	1	924.5	37.8	24.0	173.4	7.0	38.5
2	913.4	39.4	16.0	176.5	6.5	39.5	2	911.6	40.0	14.0	192.3	7.5	40.1
3	924.5	37.8	21.0	172.3	6.2	39.7	3	923.8	38.3	19.0	195.1	5.9	40.0
4	925.6	35.6	31.0	179.8	8.7	37.9	4	927.9	36.7	28.0	193.2	8.2	38.4
5	921.1	39.4	17.0	199.6	6.5	37.8	5	920.8	40.0	16.0	188.7	6.2	38.6
6	930.6	38.9	19.0	169.7	6.7	37.4	6	929.9	39.4	16.0	164.5	6.6	37.8
7	935.7	38.3	20.0	177.1	5.4	40.1	7	934.6	39.4	18.0	170.4	5.9	40.8
8	941.1	37.2	20.0	155.7	6.3	36.2	8	940.4	38.3	17.0	154.9	6.2	37.2
9	923.8	36.1	25.0	144.1	6.1	35.4	9	923.5	36.7	26.0	175.3	6.2	35.6
10	945.8	36.1	29.0	178.8	4.0	37.9	10	945.1	37.2	27.0	179.8	1.4	38.4

JUNE 17, 1977 1700 CDT							JUNE 17, 1977 1800 CDT						
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	923.8	38.3	21.0	178.5	7.6	39.5	1	923.1	38.3	20.0	165.6	7.4	38.5
2	911.3	39.4	14.0	175.7	7.3	39.9	2	910.6	38.9	14.0	176.5	7.5	40.1
3	921.5	38.9	19.0	185.2	6.7	40.3	3	923.1	38.9	18.0	182.3	7.0	39.6
4	927.5	36.7	27.0	190.7	8.3	39.9	4	927.2	35.6	28.0	173.3	8.4	38.8
5	920.4	41.1	17.0	194.9	7.1	38.8	5	919.7	38.9	17.0	193.2	8.3	38.3
6	920.6	38.9	15.0	176.8	6.6	37.7	6	922.2	39.3	15.0	176.3	6.2	37.3
7	934.0	40.0	18.0	169.3	6.2	40.5	7	933.6	38.9	19.0	166.3	6.0	40.0
8	939.7	38.9	16.0	153.0	4.4	35.8	8	939.4	38.3	17.0	151.0	6.8	36.4
9	922.8	37.2	22.0	164.1	6.6	35.8	9	922.1	36.7	22.0	171.2	6.7	35.0
10	944.1	37.9	25.0	177.3	7.7	38.6	10	943.8	37.2	25.0	167.6	1.9	38.2

JUNE 17, 1977 1200 CDT								JUNE 17, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	922.9	37.9	20.0	172.4	7.3	37.3		1	922.8	36.1	21.0	175.7	7.3	35.3	
2	910.4	37.2	15.0	167.5	9.2	39.0		2	910.9	34.4	20.0	165.0	8.6	36.0	
3	922.9	37.8	19.0	169.4	5.3	39.2		3	923.1	36.7	21.0	169.3	6.6	36.6	
4	924.9	34.4	30.0	159.9	8.5	37.5		4	925.9	32.2	32.0	169.7	7.8	35.6	
5	910.4	37.8	18.0	180.1	8.3	36.6		5	919.1	35.0	22.0	174.9	9.0	34.2	
6	922.2	35.1	19.0	165.1	6.9	36.1		6	929.2	33.3	22.0	153.6	6.6	33.9	
7	937.6	38.7	20.0	174.1	8.7	39.7		7	937.6	36.7	22.0	166.7	5.4	37.0	
8	919.0	37.6	17.0	155.7	5.4	35.7		8	939.4	36.1	23.0	150.6	5.3	33.9	
9	922.1	35.6	24.0	169.8	6.7	34.2		9	922.5	33.9	30.0	169.2	6.1	32.5	
10	947.5	36.7	27.0	164.8	4.7	36.8		10	943.8	35.6	31.0	170.5	1.7	35.8	

JUNE 17, 1977 2100 CDT								JUNE 17, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	923.1	37.9	26.0	170.6	5.6	32.8		1	923.8	31.7	33.0	176.5	7.2	30.7	
2	911.5	37.2	24.0	167.5	8.1	33.0		2	912.5	30.0	32.0	168.9	9.2	30.8	
3	927.5	34.4	24.0	173.1	6.5	33.6		3	924.5	31.7	33.0	179.2	6.0	31.4	
4	927.2	30.0	40.0	171.0	7.6	32.4		4	927.5	27.8	45.0	187.8	7.0	30.6	
5	919.7	39.2	30.0	170.2	8.6	31.3		5	919.7	30.0	36.0	177.0	8.3	28.4	
6	920.4	30.0	30.0	154.9	6.8	30.8		6	929.9	28.3	36.0	158.8	6.5	28.2	
7	934.0	34.4	31.0	166.0	5.8	32.9		7	934.3	31.7	35.0	169.7	4.4	30.8	
8	930.4	37.9	30.0	147.6	4.6	30.9		8	939.4	31.7	38.0	154.6	4.1	28.1	
9	927.1	31.1	41.0	154.1	4.7	23.7		9	923.1	28.9	47.0	160.5	4.0	26.3	
10	944.1	37.9	36.0	169.5	2.9	32.6		10	944.8	32.2	41.0	163.3	2.6	31.0	

JUNE 17, 1977 2300 CDT								JUNE 17, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	924.9	30.6	37.0	194.9	7.2	29.4		1	925.2	28.9	44.0	191.5	6.7	27.5	
2	917.3	29.7	41.0	172.1	8.2	29.0		2	913.6	26.7	45.0	175.7	7.8	26.8	
3	924.8	30.0	42.0	178.3	5.0	29.4		3	925.2	28.3	49.0	181.8	4.4	28.1	
4	927.9	27.2	57.0	197.9	7.0	29.6		4	928.2	25.6	59.0	186.2	6.8	27.7	
5	919.7	29.2	42.0	187.3	7.4	26.5		5	919.4	27.2	46.0	183.5	7.2	25.2	
6	930.4	27.8	43.0	166.7	5.7	26.6		6	930.6	26.7	46.0	171.8	5.2	25.4	
7	924.6	30.0	41.0	173.8	4.8	29.0		7	934.6	28.9	46.0	183.1	5.1	28.1	
8	940.1	29.4	46.0	167.8	3.5	26.7		8	940.1	28.9	48.0	154.8	4.1	26.1	
9	927.9	27.2	51.0	164.2	5.5	24.9		9	923.5	26.1	55.0	179.5	5.2	23.6	
10	945.5	30.6	46.0	165.4	1.7	24.6		10	945.5	29.4	49.0	151.0	1.8	28.8	

JUNE 18, 1977 100 CDT								JUNE 18, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.2	27.8	50.0	200.9	6.6	26.4		1	925.2	27.2	52.0	204.6	6.6	25.5	
2	913.6	25.6	49.0	193.3	6.4	25.3		2	913.6	24.4	53.0	185.7	6.0	24.2	
3	924.8	27.2	51.0	191.9	5.8	27.3		3	924.8	26.7	53.0	196.8	6.0	26.4	
4	929.6	25.0	62.0	195.0	5.8	26.4		4	929.6	23.3	65.0	195.6	4.9	24.9	
5	919.4	24.1	49.0	187.6	7.2	23.7		5	919.1	25.0	52.0	197.4	5.9	22.6	
6	939.9	25.6	50.0	176.1	5.8	24.5		6	930.9	23.9	53.0	172.9	5.2	23.3	
7	934.6	29.9	49.0	191.9	5.7	27.7		7	934.6	26.7	51.0	190.3	5.4	26.6	
8	940.4	29.3	49.0	160.5	3.4	24.9		8	940.4	26.7	55.0	156.8	3.0	23.3	
9	923.5	27.9	51.0	177.2	4.0	21.7		9	923.1	23.9	63.0	183.3	4.5	21.2	
10	945.5	27.8	58.0	144.9	0.4	27.4		10	945.5	26.7	65.0	144.7	3.8	26.5	

JUNE 18, 1977 300 CDT								JUNE 18, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.2	25.6	55.0	203.1	6.7	24.0		1	925.5	25.0	57.0	195.3	4.3	23.0	
2	917.5	27.3	56.0	199.4	4.9	22.9		2	913.6	22.2	61.0	196.3	3.2	21.4	
3	924.8	25.6	56.0	197.7	4.8	25.2		3	924.8	24.4	58.0	189.9	3.0	23.2	
4	928.6	22.2	70.0	199.1	4.1	23.6		4	929.6	20.0	81.0	206.4	3.1	20.8	
5	917.7	23.9	55.0	199.1	4.7	21.6		5	917.4	22.2	60.0	196.7	3.7	19.6	
6	930.4	22.9	59.0	170.1	5.0	22.0		6	930.9	21.7	65.0	160.6	2.6	20.2	
7	934.3	25.8	57.0	196.9	4.7	25.5		7	934.3	24.4	63.0	192.7	3.4	24.4	
8	940.4	25.0	65.0	157.6	1.9	21.8		8	940.4	23.9	73.0	163.8	1.9	20.5	
9	927.9	23.3	57.0	175.2	5.2	20.5		9	923.1	22.8	73.0	195.4	3.8	20.0	
10	945.5	26.1	69.0	161.5	3.8	26.7		10	945.5	25.0	72.0	144.2	3.7	24.9	

JUNE 18, 1977 500 CDT								JUNE 18, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.9	27.7	67.0	190.3	2.9	21.1		1	926.2	21.7	70.0	178.0	3.5	19.6	
2	914.0	21.7	55.0	191.3	2.7	20.0		2	914.3	20.0	70.0	162.2	2.1	18.9	
3	925.2	27.2	66.0	184.7	3.4	21.6		3	925.8	21.1	71.0	183.0	2.9	20.5	
4	929.6	19.9	92.0	199.5	3.5	20.2		4	928.9	20.0	90.0	197.8	5.2	21.1	
5	917.4	21.7	54.0	201.2	4.0	18.1		5	917.7	21.7	67.0	193.0	4.8	18.3	
6	931.3	21.1	0.0	145.8	3.4	19.4		6	931.6	20.6	0.0	165.9	3.6	19.0	
7	934.6	23.3	59.0	199.3	2.1	22.9		7	935.3	22.8	73.0	183.0	2.7	22.3	
8	940.4	27.7	78.0	154.2	2.1	19.9		8	940.4	24.4	81.0	166.0	2.3	19.1	
9	927.1	27.2	78.0	189.3	4.4	19.2		9	923.8	21.7	86.0	185.0	3.3	18.9	
10	945.8	24.4	97.0	159.1	2.7	23.8		10	946.2	23.3	88.0	163.9	2.5	23.7	



JUNE 18, 1977 700 CDT								JUNE 18, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	026.0	21.1	77.0	146.3	5.6	19.8		1	927.5	22.2	76.0	166.4	6.2	21.9	
2	015.0	20.6	72.0	159.9	3.2	14.9		2	915.0	21.7	72.0	157.7	5.2	21.0	
3	024.2	20.6	77.0	174.3	3.1	14.7		3	925.9	21.1	79.0	171.3	4.1	21.9	
4	020.9	20.0	92.0	194.3	5.5	21.0		4	930.6	21.1	92.0	192.2	7.5	22.7	
5	018.1	21.1	72.0	192.6	3.8	17.9		5	919.1	22.8	74.0	178.9	6.6	19.1	
6	027.7	21.1	0.0	167.6	7.2	19.2		6	932.6	23.9	0.0	165.6	6.3	21.2	
7	026.0	22.2	79.0	156.2	4.0	21.9		7	936.7	23.3	83.0	175.6	4.9	23.6	
8	041.1	22.2	86.0	157.0	3.2	15.6		8	941.4	23.3	84.0	166.6	5.4	21.6	
9	024.5	21.1	90.0	178.4	4.0	15.5		9	925.5	21.7	87.0	179.3	5.2	20.1	
10	047.5	27.9	95.0	171.7	1.9	21.3		10	947.9	24.4	83.0	175.4	2.1	25.2	

JUNE 18, 1977 900 CDT								JUNE 18, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	027.0	27.0	76.0	193.8	7.4	23.8		1	928.6	25.0	75.0	187.3	7.1	26.3	
2	014.4	24.4	70.0	170.0	8.5	23.4		2	916.7	27.2	62.0	179.1	8.8	26.0	
3	027.7	23.3	77.0	197.0	6.6	24.6		3	927.2	25.0	72.0	178.0	6.6	27.2	
4	030.7	27.8	80.0	190.2	9.0	24.8		4	931.3	25.0	77.0	193.4	7.7	27.2	
5	020.1	25.0	73.0	179.2	8.3	21.1		5	920.8	27.8	61.0	170.5	8.0	24.0	
6	023.7	26.1	0.0	177.2	8.3	24.4		6	933.3	28.9	60.0	176.5	8.0	27.3	
7	027.0	25.6	72.0	149.9	6.1	25.6		7	937.4	28.9	57.0	172.1	5.6	28.8	
8	047.4	25.0	75.0	141.6	6.4	23.3		8	943.1	27.2	65.0	154.3	6.6	25.5	
9	025.9	27.9	76.0	180.9	7.1	22.3		9	925.2	26.1	62.0	177.4	7.0	25.3	
10	048.9	25.0	79.0	147.0	2.9	26.8		10	949.5	26.7	69.0	182.7	4.2	28.3	

JUNE 18, 1977 1100 CDT								JUNE 18, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	027.0	27.2	69.0	189.9	5.9	23.9		1	929.6	29.4	59.0	174.8	4.7	30.9	
2	014.0	30.5	51.0	179.0	7.9	29.2		2	915.7	33.3	39.0	182.7	7.5	32.5	
3	026.9	27.8	60.0	125.3	7.1	30.1		3	925.9	30.6	49.0	185.4	7.0	33.0	
4	020.0	27.2	67.0	187.3	8.8	29.2		4	930.6	29.4	59.0	188.2	8.1	31.2	
5	021.4	30.6	47.0	187.4	7.8	27.2		5	921.8	33.9	38.0	176.1	7.8	30.3	
6	027.7	31.7	51.0	171.9	7.7	30.1		6	933.0	33.9	41.0	176.1	6.4	32.3	
7	027.0	31.7	49.0	174.7	5.8	31.7		7	936.7	33.9	39.0	175.6	6.0	33.8	
8	047.5	29.4	55.0	154.0	6.7	29.1		8	943.5	32.2	46.0	154.6	6.4	30.2	
9	025.8	29.3	54.0	171.6	7.0	27.9		9	925.8	31.1	44.0	177.8	6.8	29.8	
10	048.9	29.3	59.0	167.5	2.0	30.8		10	949.2	31.7	48.0	180.9	0.4	33.0	

JUNE 18, 1977 1300 CDT								JUNE 18, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.9	71.7	50.0	165.1	5.9	32.7		1	926.9	33.9	42.0	168.5	7.4	34.9	
2	915.0	74.7	29.0	193.2	6.9	35.4		2	914.0	39.3	23.0	178.4	7.0	37.8	
3	924.5	72.8	41.0	184.9	5.9	35.3		3	925.8	35.0	32.0	180.6	6.2	37.2	
4	930.6	71.7	48.0	189.3	7.9	33.7		4	930.6	33.3	44.0	186.6	7.9	34.4	
5	922.1	76.7	29.0	183.4	7.6	33.8		5	921.8	38.3	20.0	185.3	7.8	35.5	
6	932.5	76.1	35.0	189.5	6.7	34.4		6	932.3	37.2	28.0	188.8	6.9	36.1	
7	936.3	76.1	37.0	190.1	5.6	35.7		7	936.0	37.8	28.0	180.6	4.8	38.3	
8	942.1	74.4	36.0	187.3	5.8	32.5		8	942.8	36.1	29.0	158.1	5.8	34.4	
9	925.5	72.8	37.0	182.7	6.3	32.4		9	924.8	34.4	30.0	172.2	5.9	33.8	
10	947.5	77.9	41.0	169.2	2.6	34.4		10	945.8	35.0	34.0	172.3	0.3	36.4	

JUNE 18, 1977 1500 CDT								JUNE 18, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.8	76.1	32.0	181.4	7.4	35.6		1	925.2	37.8	28.0	177.8	7.5	37.4	
2	913.0	79.4	16.0	185.0	7.5	33.9		2	912.6	40.6	12.0	166.6	6.3	39.8	
3	925.2	76.7	26.0	177.7	6.8	39.6		3	924.5	37.8	21.0	177.8	8.4	40.4	
4	920.6	75.0	38.0	181.1	8.5	35.9		4	928.9	36.1	33.0	172.5	8.5	38.1	
5	921.4	39.2	14.0	180.6	7.7	37.2		5	921.1	39.4	13.0	188.7	7.8	38.1	
6	931.6	77.8	25.0	174.2	7.0	37.3		6	930.9	38.3	21.0	171.6	7.1	38.9	
7	935.3	79.0	23.0	182.1	4.9	39.8		7	934.6	39.4	20.0	171.9	5.3	40.4	
8	942.4	77.8	23.0	187.0	5.4	36.2		8	941.8	38.9	20.0	152.8	6.2	37.3	
9	924.5	75.1	28.0	180.0	6.1	34.7		9	924.1	36.7	27.0	169.3	6.0	35.8	
10	946.5	76.7	30.0	173.0	2.4	37.8		10	945.2	37.2	27.0	163.0	4.2	39.4	

JUNE 18, 1977 1700 CDT								JUNE 18, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	924.8	79.3	27.0	170.6	7.0	38.4		1	924.1	38.9	21.0	168.6	7.6	38.1	
2	911.4	40.0	10.0	175.6	7.1	39.7		2	911.3	39.4	11.0	167.0	6.6	38.8	
3	924.1	78.9	19.0	177.3	6.6	40.3		3	923.5	38.9	19.0	183.5	7.0	40.0	
4	927.9	74.1	31.0	171.9	10.0	38.0		4	927.5	35.6	30.0	172.4	9.1	37.3	
5	920.8	72.4	14.0	197.4	6.9	39.0		5	920.1	38.0	16.0	180.1	7.6	37.3	
6	929.0	73.9	19.0	189.0	8.0	32.2		6	929.6	38.3	20.0	161.5	7.6	38.5	
7	934.0	70.4	19.0	184.3	5.2	40.1		7	933.6	38.9	19.0	163.4	6.9	39.8	
8	941.1	78.9	19.0	184.0	6.3	37.7		8	940.1	38.3	18.0	145.8	6.8	36.6	
9	923.1	76.7	24.0	169.9	5.8	35.8		9	922.8	36.7	24.0	164.6	6.5	35.5	
10	945.5	77.8	25.0	166.1	0.7	39.5		10	944.8	36.7	25.0	163.7	2.6	38.0	

JUNE 19, 1977 1900 CDT								JUNE 18, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	023.6	37.5	22.0	165.4	5.0	35.9		1	923.5	36.7	24.0	168.0	7.3	35.1	
2	010.2	32.3	13.0	160.3	7.5	37.3		2	911.6	35.6	19.0	159.8	8.9	35.2	
3	023.6	32.7	12.0	170.4	6.7	39.0		3	923.8	37.2	21.0	171.0	7.1	37.3	
4	027.5	35.0	32.0	170.9	5.5	35.9		4	927.5	33.3	35.0	163.9	8.6	34.8	
5	010.7	37.9	12.0	170.3	8.4	35.9		5	919.7	35.0	24.0	162.7	8.8	33.6	
6	029.6	37.2	20.0	159.1	7.4	35.8		6	929.9	36.1	24.0	157.7	7.8	34.3	
7	033.5	37.2	22.0	159.7	7.0	35.3		7	934.3	35.6	24.0	169.2	6.9	36.2	
8	040.1	37.2	20.0	141.2	6.2	35.1		8	940.4	35.6	22.0	153.8	5.9	33.3	
9	022.5	35.6	25.0	171.1	6.9	34.3		9	922.8	33.3	34.0	170.6	7.0	32.0	
10	044.8	36.1	30.0	165.1	0.4	37.3		10	945.1	35.0	31.0	166.7	2.5	35.5	

JUNE 19, 1977 2100 CDT								JUNE 18, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	023.6	35.0	20.0	160.0	7.2	32.3		1	924.8	32.8	32.0	180.2	7.6	30.7	
2	012.7	32.8	20.0	160.4	8.2	31.8		2	913.6	30.6	34.0	163.0	8.5	29.7	
3	024.5	35.6	25.0	177.3	6.1	33.8		3	925.5	32.8	32.0	177.6	6.0	31.9	
4	027.9	30.6	35.0	171.5	7.0	31.6		4	929.6	28.9	45.0	182.9	5.4	30.0	
5	010.7	31.7	32.0	172.1	8.2	30.4		5	923.1	29.4	40.0	169.2	6.1	28.1	
6	020.6	37.3	28.0	164.9	5.4	30.9		6	931.3	30.6	35.0	173.9	4.5	28.9	
7	024.7	33.3	30.0	167.5	5.5	33.1		7	925.3	31.1	38.0	183.1	2.4	31.5	
8	040.7	37.9	27.0	157.4	4.4	31.2		8	941.4	32.2	31.0	166.8	3.4	29.0	
9	023.5	30.6	39.0	169.5	5.7	29.1		9	924.1	28.9	45.0	168.4	4.7	27.0	
10	045.9	37.3	34.0	166.4	3.7	33.5		10	946.5	31.1	36.0	158.3	3.3	31.2	

JUNE 19, 1977 2300 CDT								JUNE 18, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	025.8	31.7	35.0	185.0	5.6	29.1		1	926.2	29.4	43.0	192.4	6.3	27.9	
2	014.7	25.3	44.0	157.5	6.9	27.5		2	914.7	27.2	46.0	168.1	8.1	26.5	
3	024.2	30.6	39.0	195.0	4.7	30.0		3	925.2	28.9	45.0	189.4	4.5	28.3	
4	020.6	27.2	51.0	191.9	5.5	28.5		4	929.9	26.1	54.0	189.3	6.3	27.3	
5	020.1	27.9	45.0	169.2	5.8	25.5		5	919.4	26.7	45.0	175.0	6.6	24.3	
6	022.1	24.3	42.0	177.4	4.4	27.5		6	932.3	27.2	44.0	176.7	4.4	26.2	
7	036.0	30.0	34.0	180.9	2.5	29.9		7	935.7	28.3	39.0	178.8	3.3	29.0	
8	042.4	30.0	37.0	170.2	2.0	27.1		8	942.4	28.9	39.0	164.3	2.7	25.7	
9	024.9	27.9	46.0	171.2	4.2	25.2		9	925.2	26.1	48.0	176.5	4.1	23.8	
10	047.5	29.4	38.0	154.7	1.6	29.5		10	947.9	28.9	47.0	172.1	0.8	29.1	

JUNE 19, 1977 100 CDT								JUNE 19, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	926.2	29.3	49.0	197.6	7.1	25.9		1	926.5	27.2	49.0	196.4	5.0	25.7	
2	915.0	25.6	49.0	177.3	6.7	25.1		2	915.0	24.4	50.0	180.0	6.1	23.7	
3	926.2	27.2	49.0	196.1	5.0	27.7		3	926.5	26.7	48.0	203.3	6.1	26.7	
4	929.9	25.0	54.0	192.7	5.9	26.9		4	929.9	23.9	60.0	181.3	6.5	25.2	
5	919.4	26.1	47.0	185.1	7.1	23.8		5	919.4	24.4	51.0	198.6	5.3	22.3	
6	932.3	26.7	44.0	181.1	4.9	25.6		6	932.3	25.6	49.0	178.3	5.2	23.7	
7	935.7	27.8	42.0	186.8	4.5	27.9		7	935.7	26.7	50.0	181.8	4.9	27.1	
8	942.4	29.3	41.0	164.9	3.5	25.2		8	942.4	27.2	50.0	166.3	4.1	24.5	
9	924.5	25.0	55.0	173.1	6.0	23.2		9	924.5	24.4	61.0	180.9	6.2	22.2	
10	947.9	28.3	55.0	165.4	0.9	29.3		10	949.2	27.2	61.0	159.2	1.0	26.9	

JUNE 19, 1977 300 CDT								JUNE 19, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	927.2	26.1	51.0	197.6	4.4	24.4		1	927.2	25.0	58.0	198.1	4.6	23.3	
2	915.3	27.3	55.0	187.5	5.0	22.4		2	915.3	22.8	60.0	177.5	3.5	21.6	
3	926.5	26.1	51.0	196.9	5.3	25.8		3	926.5	25.0	59.0	192.5	5.4	25.0	
4	929.9	27.3	69.0	191.3	5.7	24.1		4	930.2	22.8	75.0	200.4	6.0	24.3	
5	919.1	27.9	59.0	190.8	4.3	21.1		5	919.1	23.3	63.0	187.1	5.4	20.8	
6	932.6	24.4	59.0	197.0	5.0	23.0		6	932.6	23.9	64.0	179.9	3.5	22.5	
7	936.7	25.1	59.0	175.4	7.2	25.2		7	936.0	25.0	62.0	176.5	4.6	25.1	
8	942.4	26.7	59.0	157.9	5.8	23.2		8	942.4	26.1	66.0	164.9	4.5	22.8	
9	924.5	27.9	62.0	174.9	5.9	21.0		9	924.5	22.8	75.0	153.8	7.8	19.3	
10	948.2	26.1	69.0	159.9	1.3	25.2		10	948.2	25.0	79.0	166.0	6.9	24.9	

JUNE 19, 1977 500 CDT								JUNE 19, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	927.5	24.4	65.0	195.3	3.1	22.0		1	927.5	23.3	72.0	187.2	3.1	19.9	
2	915.7	21.7	69.0	165.4	2.6	20.6		2	916.0	21.1	74.0	183.7	3.3	19.3	
3	926.5	24.4	65.0	194.1	6.0	24.1		3	926.9	23.3	70.0	195.5	5.6	22.9	
4	930.2	21.7	82.0	202.6	5.8	22.9		4	930.2	21.1	90.0	198.8	6.4	22.1	
5	919.1	27.9	69.0	187.9	6.3	19.9		5	919.1	22.2	72.0	190.1	5.9	19.0	
6	932.0	23.2	0.0	182.1	5.1	21.1		6	933.0	22.8	0.0	176.4	5.2	20.5	
7	936.0	24.4	69.0	194.2	4.4	24.4		7	936.3	23.3	75.0	185.6	4.1	22.7	
8	942.9	25.0	76.0	167.8	7.9	21.6		8	942.8	23.9	81.0	180.5	3.1	20.4	
9	924.9	22.2	81.0	175.6	5.2	19.3		9	925.2	21.1	87.0	175.8	3.6	17.8	
10	947.9	24.4	95.0	169.3	1.7	24.3		10	947.9	23.9	86.0	168.3	3.4	23.6	

JUNE 19, 1977 700 CDT								JUNE 19, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.0	22.2	79.0	197.7	1.1	15.7		1	929.6	22.2	81.0	201.9	6.0	22.0	
2	916.4	20.6	79.0	177.0	3.7	19.0		2	916.4	22.8	74.0	187.1	6.4	21.5	
3	927.2	22.8	75.0	198.9	4.9	22.3		3	927.2	22.2	78.0	203.0	5.2	23.4	
4	930.6	20.0	95.0	212.3	4.9	21.2		4	930.9	20.6	96.0	214.2	7.0	23.0	
5	910.4	21.7	74.0	190.9	5.4	18.3		5	920.1	23.3	74.0	193.1	5.5	19.7	
6	923.3	21.7	0.0	183.3	4.6	20.0		6	933.3	21.7	0.0	195.2	6.9	21.0	
7	926.7	22.9	79.0	203.2	3.7	22.4		7	937.0	22.8	82.0	204.5	4.6	23.2	
8	943.1	27.3	87.0	199.4	2.3	19.4		8	943.5	22.8	83.0	190.3	4.2	21.2	
9	925.5	21.1	89.0	195.2	4.7	17.4		9	926.2	21.7	87.0	197.6	5.4	18.6	
10	949.5	22.8	27.0	172.9	4.5	23.1		10	949.2	22.8	85.0	182.8	3.7	23.3	

JUNE 19, 1977 900 CDT								JUNE 19, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.6	23.9	77.0	205.8	5.6	24.7		1	928.9	27.8	57.0	202.0	6.9	27.4	
2	916.7	25.0	57.0	197.9	7.8	23.7		2	915.4	27.8	55.0	190.3	8.1	27.3	
3	927.5	24.1	65.0	211.4	7.2	25.8		3	927.9	27.8	56.0	197.6	6.6	27.9	
4	931.6	22.2	70.0	219.6	7.6	25.0		4	931.3	24.4	77.0	213.7	7.8	27.1	
5	920.8	25.6	65.0	191.3	8.1	21.8		5	921.1	27.8	56.0	198.3	8.6	24.9	
6	927.4	27.3	0.0	192.9	8.7	23.7		6	923.6	26.1	60.0	193.6	7.4	26.2	
7	927.4	25.0	77.0	206.2	5.9	25.6		7	937.0	27.2	61.0	205.5	6.2	27.9	
8	943.3	24.4	81.0	198.0	6.0	23.1		8	943.8	26.7	67.0	186.8	6.4	26.0	
9	926.5	27.2	80.0	194.5	6.4	19.5		9	926.5	25.0	68.0	188.7	6.0	23.8	
10	949.5	24.4	75.0	194.4	3.0	25.3		10	949.5	27.8	63.0	202.3	0.6	29.1	

JUNE 19, 1977 1100 CDT								JUNE 19, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.9	30.6	50.0	210.9	6.9	24.8		1	928.6	32.8	41.0	209.2	6.5	31.8	
2	916.4	30.6	40.0	204.6	8.1	30.3		2	916.0	32.8	32.0	192.3	6.6	32.5	
3	927.9	30.0	44.0	213.3	6.3	30.2		3	927.9	31.7	37.0	201.2	5.7	32.2	
4	921.9	27.2	60.0	206.7	7.5	29.9		4	932.3	30.6	44.0	205.0	7.8	31.8	
5	921.4	30.0	47.0	200.9	9.4	27.0		5	921.8	32.2	38.0	198.0	7.6	29.1	
6	924.0	29.3	50.0	196.7	7.1	24.7		6	933.6	30.6	41.0	201.2	7.1	31.7	
7	927.0	30.0	50.0	195.7	5.4	30.7		7	936.7	32.8	41.0	205.9	5.2	33.0	
8	943.9	28.9	57.0	179.4	5.1	29.0		8	943.8	31.7	42.0	191.6	6.2	31.1	
9	926.2	24.7	57.0	190.9	7.4	26.1		9	925.9	29.4	46.0	186.5	6.6	28.5	
10	949.5	20.4	53.0	204.8	2.7	30.8		10	948.2	31.7	45.0	195.8	0.5	32.7	

JUNE 19, 1977 1300 CDT								JUNE 19, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.2	33.9	75.0	202.6	5.8	33.3		1	928.2	35.6	31.0	174.3	5.2	34.6	
2	915.3	34.4	27.0	186.2	6.6	33.2		2	914.7	35.6	23.0	183.6	6.3	34.6	
3	927.2	34.3	32.0	190.3	5.7	34.1		3	927.2	35.0	26.0	192.7	5.2	36.0	
4	931.9	32.8	37.0	206.3	6.5	33.3		4	931.9	34.4	34.0	189.7	5.6	34.6	
5	921.9	33.0	32.0	191.9	7.1	31.0		5	921.8	35.6	25.0	184.1	6.4	32.8	
6	934.0	33.9	39.0	198.1	6.3	33.1		6	933.6	36.1	35.0	172.6	5.2	34.9	
7	936.7	34.4	35.0	214.0	5.2	34.5		7	936.3	36.1	28.0	183.4	5.0	36.2	
8	943.5	33.3	32.0	183.9	5.2	32.2		8	943.5	35.0	28.0	150.3	4.7	34.1	
9	925.9	30.6	41.0	197.3	6.4	29.9		9	925.5	32.2	34.0	156.0	6.4	31.1	
10	948.2	32.8	40.0	195.8	3.7	33.8		10	947.5	33.9	35.0	178.4	1.1	35.1	

JUNE 19, 1977 1500 CDT								JUNE 19, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	34.1	29.0	166.2	5.5	35.2		1	926.9	36.7	27.0	179.9	6.0	35.6	
2	914.7	36.7	20.0	178.7	5.9	35.6		2	913.6	37.8	17.0	165.8	7.1	36.8	
3	926.9	35.1	23.0	171.0	4.9	36.8		3	926.5	36.7	22.0	165.4	5.0	37.8	
4	931.3	35.0	31.0	191.2	4.8	399.9		4	930.9	35.6	30.0	161.3	6.9	399.9	
5	921.9	35.1	21.0	184.0	5.5	34.4		5	921.4	37.2	21.0	164.9	6.1	35.3	
6	933.3	36.7	30.0	144.6	5.4	35.9		6	932.6	37.2	26.0	169.2	5.5	36.4	
7	936.0	35.7	27.0	150.9	4.9	37.4		7	935.3	37.2	24.0	149.7	5.3	38.0	
8	943.1	35.1	27.0	153.9	4.6	34.8		8	942.4	36.7	23.0	150.2	5.1	35.2	
9	924.9	33.3	31.0	166.2	5.5	32.2		9	924.5	34.4	29.0	160.3	5.1	33.3	
10	947.2	35.0	30.0	165.0	2.5	37.0		10	946.5	36.1	27.0	174.8	3.2	37.6	

JUNE 19, 1977 1700 CDT								JUNE 19, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	926.5	34.7	27.0	185.3	6.5	35.9		1	925.8	36.1	27.0	171.3	6.2	35.9	
2	913.7	37.2	19.0	158.0	6.6	36.4		2	912.6	36.1	19.0	157.1	6.6	36.3	
3	925.9	34.7	22.0	152.3	5.8	37.6		3	925.2	36.1	23.0	167.6	5.8	37.7	
4	930.2	35.0	22.0	154.1	6.9	399.0		4	929.6	33.9	28.0	170.0	6.8	399.0	
5	921.1	35.7	22.0	152.5	6.6	35.0		5	920.4	36.1	23.0	158.6	7.1	34.7	
6	931.0	37.2	25.0	149.0	5.9	36.1		6	931.6	36.7	27.0	164.0	6.3	35.8	
7	936.0	37.2	24.0	155.9	5.6	37.7		7	934.6	37.2	20.0	161.0	5.8	37.1	
8	941.8	35.7	20.0	152.5	5.0	35.4		8	941.4	36.7	20.0	137.5	5.3	35.1	
9	924.1	34.4	25.0	156.9	5.5	33.8		9	923.5	34.4	25.0	150.8	5.8	32.9	
10	945.9	36.1	25.0	173.7	4.2	37.5		10	945.5	36.1	23.0	173.2	1.4	37.8	

JUNE 19, 1977 1900 CDT								JUNE 19, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	075.9	35.0	29.0	159.9	6.0	34.7		1	925.2	33.3	29.0	165.8	5.6	33.5	
2	012.5	35.6	23.0	152.9	7.4	34.9		2	913.0	33.9	22.0	151.8	7.2	33.4	
3	025.2	35.6	23.0	153.6	6.2	35.9		7	925.2	34.4	22.0	165.2	5.7	36.0	
4	029.2	33.9	29.0	157.8	7.1	099.9		4	929.6	32.8	30.0	159.1	6.5	34.0	
5	020.1	35.5	23.0	162.3	7.0	33.5		5	919.7	33.3	25.0	151.7	7.6	31.9	
6	071.3	35.6	27.0	150.1	6.5	34.5		6	931.3	33.9	28.0	152.7	6.8	33.1	
7	074.7	36.7	21.0	154.5	5.6	35.7		7	934.3	35.0	21.0	155.1	5.6	35.4	
8	061.1	36.1	20.0	131.2	5.5	34.5		8	941.1	35.0	20.0	141.1	5.3	32.8	
9	023.1	37.0	24.0	155.5	5.4	31.5		9	923.1	32.8	28.0	153.2	5.5	30.5	
10	945.5	35.6	24.0	167.3	2.5	36.8		10	945.5	34.4	28.0	157.7	4.2	35.3	

JUNE 19, 1977 2100 CDT								JUNE 19, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	926.5	30.5	33.0	164.2	4.3	30.7		1	927.2	28.3	38.0	172.8	4.1	27.9	
2	917.6	31.7	25.0	154.4	5.8	30.0		2	915.0	29.4	29.0	158.6	5.4	28.3	
3	025.8	32.2	25.0	164.7	3.4	32.5		3	925.5	29.4	29.0	176.5	3.3	29.9	
4	029.0	30.0	33.0	159.3	5.7	30.7		4	930.6	27.8	37.0	163.1	4.1	28.9	
5	019.7	30.0	30.0	154.2	6.5	28.8		5	920.4	28.3	35.0	165.2	5.4	26.8	
6	031.6	31.1	32.0	152.4	4.6	29.9		6	932.3	28.3	37.0	157.2	3.4	27.5	
7	034.5	33.3	24.0	140.0	3.7	32.0		7	935.7	30.6	31.0	161.9	2.8	30.2	
8	041.4	33.3	22.0	135.0	7.5	30.4		9	942.1	30.6	29.0	138.5	2.3	27.8	
9	023.8	31.1	33.0	149.8	4.3	27.9		9	924.8	28.3	40.0	162.2	2.5	24.8	
10	945.8	32.8	35.0	143.1	0.5	32.8		10	947.2	31.1	38.0	157.5	1.3	31.7	

JUNE 19, 1977 2300 CDT								JUNE 19, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	929.2	25.7	41.0	178.0	4.3	25.1		1	929.6	26.1	45.0	180.1	3.3	24.3	
2	916.0	27.8	34.0	159.8	5.0	25.0		2	916.0	26.7	43.0	160.3	5.3	25.0	
3	027.7	27.9	34.0	194.6	3.2	28.1		3	927.5	27.2	49.0	185.0	4.4	27.8	
4	071.7	25.7	42.0	169.7	4.1	25.5		4	931.5	26.7	48.0	188.6	5.0	27.2	
5	020.8	27.2	42.0	172.1	5.1	25.8		5	920.8	26.1	46.0	173.5	4.8	24.6	
6	073.7	27.2	43.0	164.6	3.0	25.7		5	933.6	26.1	49.0	175.3	3.0	24.5	
7	075.0	28.9	35.0	164.7	4.1	29.1		7	936.3	28.3	39.0	176.2	3.2	27.9	
8	047.4	29.3	39.0	144.4	3.8	25.9		8	942.8	28.9	40.0	146.2	3.2	24.9	
9	025.2	25.6	47.0	147.5	7.0	22.2		9	925.5	25.0	53.0	158.6	4.6	23.1	
10	047.0	30.0	45.0	155.4	2.3	29.9		10	948.2	28.9	53.0	157.0	3.3	28.1	

JUNE 20, 1977 100 CDT								JUNE 20, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.6	25.0	49.0	177.6	2.4	22.8		1	928.6	25.0	55.0	179.4	3.9	22.9	
2	915.7	25.6	49.0	151.0	5.9	23.8		2	915.7	24.4	53.0	153.7	6.5	22.6	
3	927.2	27.6	45.0	185.6	4.5	27.3		3	927.5	26.1	50.0	184.6	4.3	25.9	
4	931.6	25.6	54.0	189.4	4.4	25.0		4	931.6	24.4	61.0	191.1	4.8	24.8	
5	920.1	25.6	51.0	170.3	4.6	23.5		5	919.7	24.4	57.0	167.9	5.2	21.7	
6	933.6	26.1	53.0	176.1	3.9	24.4		6	933.6	25.0	58.0	169.4	3.0	23.4	
7	936.3	27.9	45.0	169.1	3.6	27.0		7	936.3	26.7	50.0	164.1	4.2	26.2	
8	943.1	27.8	47.0	166.7	3.5	23.9		8	943.1	26.7	56.0	150.6	3.2	22.3	
9	925.2	25.0	52.0	158.5	5.0	22.2		9	925.2	23.9	64.0	163.5	4.9	21.3	
10	948.2	27.9	62.0	160.2	3.8	27.1		10	947.9	26.7	69.0	151.3	0.2	25.9	

JUNE 20, 1977 300 CDT								JUNE 20, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.6	24.4	57.0	183.0	4.4	22.7		1	928.6	23.9	67.0	181.6	5.0	21.8	
2	915.7	27.3	60.0	149.9	6.0	21.3		2	915.7	22.8	68.0	154.3	5.1	20.5	
3	927.2	25.6	57.0	184.9	4.1	25.2		3	927.2	24.4	62.0	182.5	3.9	23.5	
4	931.6	27.3	68.0	187.8	4.3	23.1		4	931.6	22.2	75.0	179.8	4.6	22.0	
5	919.7	27.3	64.0	165.0	6.3	21.2		5	919.4	22.8	70.0	163.6	5.3	19.9	
6	933.6	23.9	66.0	158.4	4.3	21.9		6	933.6	23.3	74.0	160.4	4.1	21.1	
7	936.3	25.6	59.0	167.7	3.7	25.3		7	936.3	24.4	67.0	169.9	3.6	24.2	
8	943.1	25.6	65.0	145.9	3.1	21.7		8	943.1	25.0	74.0	150.7	3.1	20.5	
9	925.2	27.3	72.0	164.2	4.7	20.1		9	925.2	22.2	82.0	165.0	5.3	19.8	
10	948.2	27.6	78.0	157.1	1.3	24.9		10	948.2	25.0	82.0	157.4	2.1	24.1	

JUNE 20, 1977 500 CDT								JUNE 20, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.6	22.8	73.0	185.9	4.9	20.4		1	929.9	22.2	82.0	175.1	3.5	19.7	
2	915.7	22.2	74.0	152.8	5.0	19.7		2	916.0	21.1	83.0	162.2	4.0	18.6	
3	927.2	23.3	70.0	165.1	3.8	22.1		3	927.5	22.2	79.0	183.0	3.8	21.6	
4	931.6	22.2	81.0	186.2	5.4	22.0		4	931.6	21.7	84.0	179.6	6.0	21.4	
5	919.4	22.2	78.0	167.0	5.6	19.2		5	919.1	22.2	79.0	179.7	6.4	18.8	
6	933.6	22.8	0.0	159.3	4.6	20.5		6	933.6	21.7	0.0	172.8	3.2	19.5	
7	936.3	23.9	74.0	150.0	4.0	22.9		7	936.3	22.8	78.0	167.7	3.0	21.8	
8	943.1	24.4	70.0	150.4	3.1	19.9		8	942.8	23.3	82.0	151.2	3.3	19.0	
9	925.2	22.2	86.0	170.0	4.9	19.2		9	925.2	21.7	88.0	166.7	4.8	18.6	
10	948.2	27.5	87.0	152.7	2.1	23.2		10	948.5	22.8	89.0	158.6	0.2	22.4	



JUNE 20, 1977													
800 CDT													
STAT NO.	PPRS MB	(A+M) TEMP DG C	Q4 PC-	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PPRS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	028.0	21.7	45.0	162.4	2.4	19.4	1	929.2	23.3	81.0	170.2	4.1	21.3
2	016.0	20.5	85.0	167.6	5.0	19.3	2	916.4	22.2	78.0	166.9	5.6	20.6
3	027.5	22.2	80.0	188.9	4.5	22.0	3	927.9	22.8	78.0	195.7	5.0	22.5
4	021.4	21.1	87.0	188.4	5.2	21.1	4	931.9	21.7	81.0	185.4	6.2	22.6
5	010.1	22.2	90.0	172.4	5.8	19.0	5	919.1	23.3	76.0	181.3	7.0	20.3
6	023.5	20.6	0.0	159.8	2.2	19.0	6	934.0	22.2	0.0	174.4	4.3	20.3
7	024.3	22.2	82.0	164.7	2.3	21.8	7	936.7	22.2	82.0	164.3	5.2	23.5
8	023.8	22.2	85.0	143.7	2.6	18.1	8	943.1	23.3	85.0	152.3	4.3	20.8
9	025.2	20.4	91.0	178.2	4.5	18.4	9	925.2	21.1	85.0	175.4	5.9	19.4
10	068.0	22.2	90.0	152.1	3.0	21.5	10	949.5	23.3	75.0	172.0	3.1	23.4

JUNE 20, 1977													
1000 CDT													
STAT NO.	PPRS MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PPRS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	020.9	23.3	79.0	164.3	4.2	21.9	1	930.2	25.0	68.0	176.2	4.3	23.6
2	016.7	23.5	44.0	168.0	7.2	22.9	2	917.0	26.1	60.0	162.3	7.3	24.4
3	028.4	23.9	72.0	189.8	7.0	24.2	3	959.0	25.0	65.0	184.9	5.5	25.8
4	032.6	22.8	75.0	188.9	6.4	23.8	4	933.2	24.4	76.0	183.2	5.6	24.6
5	019.7	24.4	71.0	158.6	9.2	21.6	5	920.1	26.7	60.0	163.5	8.4	23.6
6	024.3	23.9	30.0	170.8	6.3	22.7	6	934.6	25.0	65.0	171.0	5.9	24.3
7	027.4	23.9	74.0	194.9	5.4	24.7	7	937.4	25.0	67.0	174.7	4.8	26.9
8	024.1	24.4	73.0	147.5	5.4	21.0	8	944.5	25.6	66.0	156.3	5.8	24.5
9	025.5	22.2	80.0	149.5	7.0	20.2	9	925.8	23.9	71.0	174.7	6.9	22.9
10	040.0	23.9	73.0	174.6	4.1	24.4	10	949.9	25.0	70.0	168.9	1.0	25.3

JUNE 20, 1977													
1200 CDT													
STAT NO.	PPRS MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PPRS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
1	930.4	25.0	67.0	179.7	2.0	24.5	1	930.6	27.8	58.0	142.3	3.7	26.6
2	917.4	24.3	53.0	152.8	6.6	25.6	2	917.0	30.0	45.0	149.9	7.0	28.4
3	028.4	24.7	67.0	164.3	5.1	27.5	3	929.6	29.3	51.0	146.2	5.0	29.4
4	023.4	26.7	58.0	174.7	5.6	25.7	4	933.3	28.3	52.0	170.5	6.3	28.7
5	020.9	28.9	57.0	172.3	8.8	25.3	5	921.1	30.0	53.0	175.1	8.2	27.5
6	024.3	24.3	57.0	154.6	7.1	27.4	6	934.6	29.4	51.0	161.4	7.1	29.2
7	027.4	24.3	53.0	167.9	5.8	29.1	7	937.0	29.4	50.0	166.0	7.3	29.9
8	044.9	26.7	62.0	147.9	5.9	24.9	8	944.5	29.4	52.0	140.1	5.9	27.2
9	025.2	25.0	64.0	171.3	7.4	23.7	9	925.8	27.8	58.0	158.4	7.6	26.0
10	040.0	24.7	63.0	161.3	2.7	27.4	10	949.5	27.8	56.0	169.8	0.0	29.0

JUNE 20, 1977 1300 CDT								JUNE 20, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.9	30.0	49.0	159.4	4.9	29.7		1	929.9	31.1	44.0	159.9	6.3	29.7	
2	916.7	30.0	42.0	147.0	6.6	29.6		2	916.0	32.2	38.0	131.9	7.0	30.6	
3	927.5	30.0	43.0	150.3	5.4	30.5		3	927.2	31.1	42.0	155.3	6.3	31.0	
4	932.0	29.4	50.0	147.2	6.7	30.2		4	932.3	31.1	44.0	169.1	6.6	31.2	
5	921.4	31.7	49.0	164.8	7.9	29.3		5	921.1	33.3	45.0	164.3	7.9	30.9	
6	934.0	30.6	43.0	154.9	6.5	30.1		6	933.3	31.7	45.0	163.0	6.6	30.5	
7	937.0	30.6	47.0	142.8	7.3	30.6		7	936.3	31.7	43.0	161.3	6.0	32.4	
8	944.1	30.6	40.0	147.0	6.2	29.5		8	943.8	31.7	45.0	151.2	5.5	30.0	
9	925.5	29.9	51.0	151.6	7.8	27.6		9	925.2	30.0	48.0	151.8	6.8	28.9	
10	949.5	29.4	49.0	169.5	2.7	30.1		10	947.9	31.7	45.0	162.8	6.1	33.2	

JUNE 20, 1977 1500 CDT								JUNE 20, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.2	32.2	41.0	150.7	6.4	30.3		1	927.2	32.8	38.0	158.8	6.8	31.3	
2	915.7	33.7	35.0	139.9	8.2	31.8		2	914.7	33.3	33.0	126.9	8.6	32.2	
3	926.2	31.7	40.0	151.3	6.0	32.5		3	925.2	32.2	35.0	149.0	6.7	33.5	
4	931.5	32.2	41.0	154.1	7.4	32.4		4	930.6	32.8	39.0	160.5	7.8	33.0	
5	920.9	34.4	49.0	147.5	8.2	31.4		5	920.1	35.0	38.0	152.4	8.8	31.5	
6	937.6	32.2	47.0	141.3	6.8	32.6		6	931.3	33.3	40.0	137.8	7.6	32.6	
7	936.0	33.7	79.0	145.0	6.9	33.3		7	934.6	33.9	37.0	150.2	6.7	34.1	
8	947.1	32.8	40.0	136.8	6.0	30.6		8	942.1	33.3	36.0	145.1	6.1	31.5	
9	924.8	31.7	42.0	148.1	6.7	30.7		9	923.8	32.2	40.0	150.8	6.9	31.2	
10	947.2	32.8	41.0	143.2	2.2	33.8		10	946.5	33.9	38.0	139.6	6.1	34.6	

JUNE 20, 1977 1700 CDT								JUNE 20, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	926.2	32.8	36.0	140.9	7.0	31.5		1	925.8	32.2	35.0	139.5	7.8	31.8	
2	913.6	33.9	32.0	140.0	8.9	32.6		2	913.0	33.3	31.0	142.2	8.5	32.2	
3	924.5	32.9	34.0	143.0	6.9	33.2		3	924.1	32.8	33.0	150.9	7.3	33.4	
4	929.5	32.9	39.0	160.0	8.4	33.3		4	928.9	32.8	38.0	155.8	8.7	33.1	
5	919.1	34.4	37.0	154.5	8.3	31.7		5	919.7	35.0	37.0	164.8	8.9	32.2	
6	930.2	33.3	39.0	142.6	8.7	33.3		6	930.2	33.3	37.0	137.7	8.8	33.0	
7	937.6	34.4	34.0	140.4	7.2	34.6		7	933.3	35.0	33.0	141.3	8.0	35.0	
8	940.7	33.9	37.0	148.2	6.7	31.5		8	940.4	33.9	33.0	139.0	6.5	32.0	
9	927.1	32.8	37.0	134.0	7.0	31.4		9	922.1	32.8	37.0	160.5	7.2	31.6	
10	944.9	33.9	36.0	139.3	2.6	35.2		10	944.1	34.4	36.0	146.1	1.3	35.5	

JUNE 20, 1977 1900 CDT								JUNE 20, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.5	31.7	37.0	164.1	7.3	31.3		1	925.2	30.6	39.0	158.7	6.8	29.9	
2	912.3	32.8	31.0	145.5	9.5	32.3		2	912.3	31.1	35.0	154.7	9.7	30.2	
3	924.1	32.8	37.0	159.2	7.1	31.7		3	925.2	31.7	34.0	166.4	7.5	32.3	
4	928.4	32.2	35.0	145.0	9.1	33.0		4	923.2	30.6	41.0	154.9	9.0	31.8	
5	919.1	33.9	37.0	162.4	9.5	30.9		5	918.4	32.2	41.0	168.0	10.0	28.8	
6	970.2	32.8	37.0	145.4	8.4	32.3		6	931.9	31.7	39.0	154.2	8.0	31.0	
7	933.0	34.4	32.0	146.6	7.1	34.4		7	933.3	33.3	34.0	166.4	6.9	33.0	
8	940.1	33.9	37.0	134.0	7.2	31.5		8	939.7	33.3	34.0	133.5	7.2	30.1	
9	921.8	32.2	39.0	167.9	7.6	29.9		9	921.4	31.1	41.0	159.8	6.8	29.1	
10	944.1	33.9	37.0	149.5	0.4	34.7		10	944.1	32.8	39.0	157.6	3.5	32.8	

JUNE 20, 1977 2100 CDT								JUNE 20, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.0	30.0	41.0	159.5	5.9	29.2		1	927.9	29.4	42.0	176.2	5.1	28.5	
2	914.3	30.5	39.0	164.9	8.1	29.0		2	916.0	22.2	60.0	274.4	13.3	18.9	
3	927.5	31.1	35.0	130.3	5.4	31.6		3	928.9	30.6	39.0	178.0	6.3	30.6	
4	920.0	30.0	44.0	164.9	7.0	30.5		4	930.6	28.9	47.0	175.2	6.5	29.3	
5	919.7	31.1	44.0	171.7	9.0	27.6		5	920.1	30.0	47.0	164.4	6.0	26.9	
6	932.6	30.4	42.0	168.6	5.4	29.6		6	933.6	30.0	44.0	166.0	6.1	28.8	
7	975.0	32.2	37.0	175.7	4.9	31.8		7	935.7	31.1	40.0	174.1	4.5	30.9	
8	941.4	31.7	37.0	145.4	5.7	29.6		8	942.4	31.1	39.0	149.9	5.9	28.0	
9	922.8	30.0	45.0	183.4	6.2	27.9		9	923.8	29.4	48.0	167.9	6.4	27.1	
10	946.2	31.1	44.0	160.7	1.9	31.3		10	947.5	30.6	47.0	154.8	3.4	30.0	

JUNE 20, 1977 2300 CDT								JUNE 20, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.2	17.8	90.0	268.3	10.0	16.5		1	930.6	18.3	87.0	258.1	3.0	17.1	
2	919.4	17.8	87.0	257.4	8.6	15.0		2	913.7	17.8	83.0	141.4	3.2	16.1	
3	970.2	23.5	55.0	271.3	6.8	21.7		3	928.9	19.9	91.0	262.5	5.5	18.5	
4	971.6	24.3	50.0	175.3	7.2	23.0		4	934.0	22.2	75.0	304.0	6.9	21.2	
5	920.4	30.0	40.0	359.6	5.5	17.9		5	920.4	18.9	91.0	56.7	3.7	14.8	
6	975.7	29.0	49.0	161.2	4.3	27.7		6	936.0	22.2	60.0	305.5	10.8	19.6	
7	936.0	30.0	47.0	161.4	4.7	29.9		7	937.4	29.4	47.0	167.5	2.6	29.1	
8	942.8	30.6	47.0	140.2	4.6	27.0		8	944.5	28.9	49.0	164.0	2.1	26.0	
9	927.9	28.3	51.0	163.5	6.4	26.3		9	924.5	27.8	53.0	163.6	3.9	25.4	
10	947.5	29.4	50.0	153.8	3.7	29.7		10	947.9	28.9	56.0	137.1	4.2	28.5	

JUNE 21, 1977 100 CDT								JUNE 21, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.6	19.3	91.0	195.1	2.0	17.5		1	930.2	18.3	92.0	167.0	2.3	16.5	
2	917.7	17.8	87.0	134.5	5.8	16.5		2	917.7	20.0	71.0	124.3	5.2	18.8	
3	929.6	19.3	90.0	45.2	1.9	17.7		3	927.9	19.3	89.0	135.7	2.3	17.5	
4	934.6	19.7	92.0	305.1	6.5	18.1		4	934.0	17.8	91.0	33.9	1.9	17.4	
5	920.9	19.9	99.0	47.4	4.3	14.8		5	920.8	18.9	87.0	96.9	4.5	15.1	
6	935.3	17.8	0.0	326.9	5.4	15.0		6	935.3	17.2	0.0	323.9	3.5	15.3	
7	937.7	23.3	60.0	359.0	6.1	20.8		7	939.0	17.2	88.0	44.0	4.2	16.9	
9	944.9	23.3	71.0	304.3	8.3	14.9		8	945.1	19.9	91.0	296.7	2.1	15.0	
9	925.2	27.2	59.0	153.4	6.2	25.5		9	925.8	26.7	67.0	172.0	3.0	24.0	
10	949.2	27.8	65.0	154.8	0.5	27.9		10	949.0	27.2	70.0	165.6	0.8	27.1	

JUNE 21, 1977 300 CDT								JUNE 21, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	920.6	18.3	90.0	169.4	2.5	16.7		1	928.9	18.3	87.0	188.3	2.7	17.0	
2	917.4	18.9	74.0	115.7	5.2	17.6		2	917.0	19.4	79.0	118.3	3.6	17.9	
3	927.9	18.3	89.0	150.5	2.0	17.9		3	927.9	18.9	87.0	145.9	2.0	18.1	
4	933.3	17.5	91.0	104.1	3.4	17.2		4	931.9	17.8	89.0	114.3	3.6	18.0	
5	920.1	18.9	89.0	99.6	4.6	15.0		5	920.1	18.9	87.0	119.6	5.4	15.2	
6	934.3	17.2	0.0	51.2	2.3	15.4		6	934.6	17.2	0.0	132.3	4.7	15.6	
7	937.7	17.2	90.0	83.3	2.5	17.4		7	937.4	17.8	88.0	129.3	2.3	17.4	
8	944.5	18.9	88.0	64.4	1.7	15.1		8	943.8	18.9	88.0	94.9	2.0	15.5	
9	926.2	25.6	64.0	135.7	2.0	22.8		9	925.8	22.2	77.0	171.1	4.1	20.4	
10	949.9	26.7	71.0	325.9	0.1	21.6		10	949.5	21.7	87.0	335.4	3.4	20.8	

JUNE 21, 1977 500 CDT								JUNE 21, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.9	18.3	87.0	187.7	2.8	16.5		1	929.2	19.4	82.0	197.5	4.2	17.3	
2	917.4	19.4	80.0	130.2	6.3	17.7		2	917.4	18.3	85.0	142.8	5.5	15.9	
3	928.2	18.9	87.0	161.8	4.2	19.1		3	928.6	18.9	89.0	182.1	3.2	17.9	
4	931.9	19.9	87.0	149.0	5.0	18.5		4	932.3	19.4	87.0	165.3	6.2	19.0	
5	920.4	19.4	89.0	154.7	6.4	15.4		5	920.1	20.0	78.0	194.2	6.2	16.1	
6	934.6	17.8	0.0	146.1	3.4	15.7		6	934.6	17.8	0.0	165.2	4.4	15.8	
7	937.4	18.3	93.0	159.9	4.6	17.6		7	937.4	18.3	88.0	154.1	1.9	17.6	
8	943.8	19.4	89.0	135.8	2.6	16.1		8	943.8	20.0	86.0	164.2	3.0	17.0	
9	926.2	22.2	70.0	181.3	3.2	19.3		9	926.2	21.7	75.0	171.3	2.8	18.3	
10	949.5	21.7	90.0	89.5	0.5	20.9		10	949.2	21.7	87.0	128.6	2.5	20.6	

JUNE 21, 1977 700 CDT								JUNE 21, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	920.2	19.4	83.0	183.6	3.0	17.9		1	929.6	20.6	80.0	191.8	2.9	19.6	
2	917.4	18.9	82.0	203.7	2.2	16.5		2	917.4	19.4	81.0	179.8	1.5	17.7	
3	929.6	19.9	80.0	185.3	2.9	13.1		3	929.9	19.4	88.0	146.1	1.6	19.4	
4	932.3	19.4	89.0	184.7	5.1	19.7		4	932.3	20.6	84.0	178.8	6.8	21.1	
5	916.4	20.5	79.0	186.4	6.4	16.7		5	920.1	21.1	81.0	188.5	7.5	16.8	
6	934.3	17.8	0.0	155.5	2.2	15.1		6	934.6	18.9	0.0	156.7	4.6	16.2	
7	937.4	18.9	85.0	173.2	2.9	17.9		7	936.7	21.1	73.0	170.7	6.1	20.7	
8	947.9	21.1	84.0	154.0	3.0	17.4		8	943.8	22.2	83.0	147.5	2.9	19.5	
9	926.2	20.6	91.0	174.8	4.4	19.4		9	925.8	20.6	91.0	145.1	3.7	18.3	
10	949.0	23.3	77.0	167.5	0.8	23.4		10	948.9	23.3	71.0	181.8	2.8	24.1	

JUNE 21, 1977 900 CDT								JUNE 21, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	929.9	21.7	75.0	195.0	3.2	22.0		1	929.9	23.3	66.0	195.7	4.6	23.1	
2	917.7	20.6	76.0	182.5	3.1	20.7		2	919.1	22.2	72.0	184.6	6.7	21.3	
3	929.2	20.0	90.0	154.4	2.9	22.8		3	929.2	22.8	66.0	183.5	4.1	24.9	
4	932.6	22.8	75.0	187.1	5.9	24.1		4	933.3	22.2	77.0	204.0	5.2	23.0	
5	921.1	22.2	83.0	187.0	8.8	18.6		5	921.8	24.4	72.0	198.6	8.4	20.9	
6	935.3	21.1	0.0	244.4	0.2	17.8		6	935.3	21.7	0.0	201.9	4.3	20.4	
7	937.4	23.9	71.0	173.5	5.3	21.9		7	937.7	25.6	64.0	186.5	6.9	23.9	
8	947.9	23.7	74.0	145.9	3.9	20.0		8	944.1	25.0	73.0	183.2	3.8	21.8	
9	925.9	21.1	89.0	179.4	5.3	19.3		9	926.2	22.2	79.0	181.3	7.3	21.2	
10	948.9	24.4	69.0	169.4	2.0	25.0		10	948.9	26.7	59.0	173.5	0.7	26.9	

JUNE 21, 1977 1100 CDT								JUNE 21, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	920.2	25.0	59.0	191.8	5.3	25.7		1	930.2	26.1	55.0	197.5	5.5	27.3	
2	919.1	23.9	63.0	182.4	6.7	23.4		2	919.4	25.0	62.0	177.0	6.5	24.6	
3	920.2	23.9	63.0	193.0	4.6	25.0		3	928.9	25.6	57.0	175.3	5.6	27.0	
4	933.7	23.3	73.0	205.7	4.5	24.3		4	933.6	24.4	66.0	190.6	5.8	25.7	
5	922.5	24.4	70.0	191.7	7.2	21.3		5	922.8	24.4	71.0	175.9	5.2	21.9	
6	935.3	22.8	74.0	183.4	3.8	20.7		6	935.3	23.9	67.0	184.6	5.4	21.9	
7	938.4	25.6	65.0	191.6	5.1	25.3		7	938.4	26.1	62.0	188.2	4.4	25.7	
8	944.1	24.1	60.0	173.9	4.1	22.4		8	944.5	26.1	69.0	181.9	3.6	22.6	
9	926.2	23.3	59.0	177.2	6.2	23.0		9	926.9	25.6	60.0	180.7	6.8	25.9	
10	949.2	27.8	65.0	165.6	4.4	27.6		10	948.9	30.6	49.0	168.9	3.6	29.9	

JUNE 21, 1977 1300 CDT								JUNE 21, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	930.2	27.2	59.0	192.5	5.1	29.1		1	930.2	25.0	62.0	161.5	5.6	25.2	
2	919.1	25.0	63.0	171.6	6.2	23.9		2	917.7	26.1	59.0	171.4	6.1	25.1	
3	929.6	25.6	57.0	170.1	5.4	27.3		3	927.5	27.2	50.0	185.2	6.0	29.0	
4	934.0	27.0	67.0	192.3	4.3	34.5		4	933.3	27.2	58.0	184.8	5.2	29.5	
5	922.8	26.1	68.0	179.3	6.3	23.6		5	922.8	27.8	59.0	174.0	6.5	25.8	
6	935.0	26.1	60.0	183.9	5.6	25.3		6	934.3	27.8	55.0	178.5	5.6	27.8	
7	939.4	26.7	55.0	192.6	3.6	27.3		7	938.0	28.9	46.0	178.1	3.5	30.2	
8	944.5	27.8	57.0	177.5	3.6	25.4		8	944.1	29.4	52.0	182.5	4.5	27.7	
9	926.9	26.7	53.0	197.3	6.9	27.4		9	926.2	27.8	50.0	180.6	7.0	28.4	
10	948.5	31.7	43.0	165.9	2.1	32.0		10	947.5	32.8	36.0	172.7	0.3	33.8	

JUNE 21, 1977 1500 CDT								JUNE 21, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	920.0	25.6	61.0	157.9	4.4	25.1		1	929.9	27.2	57.0	146.0	4.3	27.6	
2	917.4	27.2	54.0	154.9	5.5	25.4		2	916.7	27.2	54.0	152.3	5.4	26.1	
3	926.9	27.8	47.0	174.3	5.5	29.2		3	925.8	28.9	43.0	166.2	4.9	30.7	
4	932.6	29.0	49.0	194.4	6.1	31.0		4	931.6	30.6	45.0	177.0	6.2	31.8	
5	922.1	27.2	57.0	169.3	5.8	24.9		5	921.8	28.9	51.0	164.6	6.2	27.9	
6	933.3	29.3	51.0	169.8	4.9	29.6		6	932.3	30.6	45.0	158.4	5.2	30.3	
7	937.4	30.6	41.0	175.2	4.6	31.2		7	936.3	32.2	36.0	166.0	9.2	32.9	
8	943.5	31.1	47.0	167.7	4.5	29.3		8	942.4	32.2	41.0	156.1	5.1	31.0	
9	925.5	20.4	44.0	162.4	6.5	20.2		9	924.5	30.6	40.0	182.6	6.4	30.3	
10	946.8	33.9	32.0	162.6	2.6	34.9		10	945.8	34.4	29.0	165.3	0.5	34.8	

JUNE 21, 1977 1700 CDT								JUNE 21, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	927.9	28.3	50.0	150.5	4.0	29.4		1	927.5	28.3	48.0	180.8	4.9	29.4	
2	916.4	26.7	41.0	166.6	1.3	25.7		2	916.0	22.8	62.0	358.7	4.8	18.5	
3	924.9	29.9	42.0	166.0	4.0	30.2		3	926.5	30.0	40.0	170.9	4.5	30.4	
4	930.6	30.6	42.0	157.6	5.0	32.4		4	929.9	29.4	43.0	164.3	5.3	31.0	
5	930.9	20.4	47.0	159.9	7.1	25.9		5	920.8	28.9	46.0	175.6	7.9	26.2	
6	931.6	30.0	44.0	164.5	4.9	30.3		6	931.9	29.4	45.0	153.6	5.1	29.0	
7	935.7	32.2	35.0	169.1	5.8	33.4		7	935.3	31.1	36.0	175.7	6.7	32.1	
9	941.4	33.3	36.0	154.5	5.6	31.9		8	940.7	32.8	36.0	158.1	6.5	31.1	
9	923.8	31.1	39.0	162.2	6.8	30.5		9	923.5	30.6	37.0	170.6	6.6	28.8	
10	945.1	35.0	29.0	165.0	3.6	35.1		10	945.5	35.0	28.0	163.3	2.3	35.2	

JUNE 21, 1977 1900 CDT								JUNE 21, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	927.9	21.1	70.0	219.3	6.7	22.4		1	928.6	19.4	82.0	267.8	4.3	18.4	
2	914.0	20.6	67.0	249.4	4.4	19.0		2	915.7	21.1	70.0	337.8	4.1	19.8	
3	0.0	20.4	30.0	197.9	5.5	29.9		3	0.0	28.9	89.0	292.5	2.6	26.3	
4	930.2	20.0	45.0	169.3	4.9	20.9		4	930.6	28.3	50.0	182.2	2.6	29.0	
5	921.1	29.3	49.0	197.6	6.6	25.7		5	921.4	27.8	47.0	245.3	7.7	23.5	
6	922.7	29.9	45.0	181.5	4.0	29.1		6	933.0	27.8	49.0	200.2	5.0	26.2	
7	925.7	21.1	70.0	190.1	4.0	31.7		7	936.0	29.4	42.0	188.5	5.3	30.8	
8	941.1	21.7	41.0	157.5	7.9	29.7		8	941.4	31.1	41.0	176.3	3.6	28.9	
9	922.5	30.0	40.0	181.8	7.8	29.4		9	923.8	28.9	42.0	192.4	5.3	27.4	
10	946.2	27.9	31.0	178.3	0.8	33.8		10	947.5	32.2	34.0	155.0	4.0	32.2	

JUNE 21, 1977 2100 CDT								JUNE 21, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	929.2	19.4	85.0	335.2	5.6	18.4		1	930.2	18.9	91.0	290.2	5.1	17.5	
2	917.7	20.0	90.0	276.9	6.9	17.5		2	917.4	18.9	80.0	301.3	3.9	17.2	
3	0.0	22.7	60.0	321.9	4.4	22.8		3	0.0	21.1	78.0	327.7	4.6	20.7	
4	931.7	27.8	57.0	158.0	3.9	27.5		4	932.3	25.6	65.0	255.1	5.0	25.5	
5	921.1	21.1	92.0	317.2	5.0	18.0		5	921.1	21.1	81.0	326.6	4.2	17.4	
6	924.0	26.1	55.0	199.7	4.2	25.1		6	926.0	23.9	59.0	317.9	5.8	20.3	
7	936.7	29.2	49.0	202.0	2.4	29.2		7	937.4	24.4	69.0	272.2	1.1	27.4	
8	942.1	20.0	49.0	197.7	2.5	27.3		8	943.1	28.3	59.0	159.2	6.3	25.8	
9	924.5	23.3	47.0	225.3	2.2	25.8		9	926.5	26.7	55.0	212.3	11.0	20.1	
10	948.2	28.9	51.0	158.1	2.6	27.4		10	948.9	27.8	56.0	174.2	0.1	27.1	

JUNE 21, 1977 2300 CDT								JUNE 21, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	920.2	18.3	84.0	309.4	4.9	17.2		1	930.2	18.9	82.0	336.1	1.6	17.4	
2	917.7	19.4	79.0	2.4	2.4	17.3		2	919.1	19.4	80.0	109.8	4.7	17.4	
3	0.0	20.6	77.0	334.8	2.8	20.0		3	0.0	20.0	78.0	191.9	3.4	19.8	
4	923.7	21.7	80.0	9.9	3.3	19.9		4	934.0	19.4	89.0	24.4	2.7	19.8	
5	921.4	20.6	92.0	347.4	2.3	17.0		5	922.1	20.6	81.0	58.8	2.0	17.1	
6	926.0	21.1	70.0	289.1	4.2	19.4		6	925.7	19.4	0.0	328.0	1.7	17.3	
7	928.7	22.2	77.0	269.5	3.8	23.5		7	938.7	21.1	77.0	340.1	2.1	21.5	
8	943.9	27.2	63.0	307.4	2.4	23.6		8	944.9	22.8	91.0	308.6	3.7	19.6	
9	926.9	20.6	84.0	231.8	2.0	19.0		9	926.9	20.6	84.0	66.6	0.7	18.5	
10	940.5	27.2	59.0	158.4	0.2	25.5		10	949.5	26.7	61.0	150.1	3.5	26.0	

JUNE 22, 1977 100 CDT								JUNE 22, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.9	17.8	89.0	193.4	1.7	17.0		1	930.6	17.8	89.0	176.0	1.3	16.2	
2	918.4	18.9	79.0	65.0	1.0	17.1		2	918.1	18.9	82.0	104.5	3.6	17.4	
3	0.0	19.4	90.0	97.4	0.5	18.5		3	0.0	19.4	89.0	92.4	0.7	18.4	
4	924.7	19.4	89.0	344.0	2.0	19.5		4	937.6	19.4	90.0	49.8	2.2	19.4	
5	921.4	20.6	82.0	321.1	1.9	16.9		5	921.4	20.6	82.0	96.7	4.0	16.4	
6	935.7	18.9	0.0	44.7	1.9	17.4		6	935.3	18.9	0.0	83.7	1.9	17.4	
7	938.7	21.1	91.0	21.6	0.7	20.0		7	938.4	21.1	89.0	45.5	1.1	20.1	
8	944.5	21.7	93.0	327.7	1.6	19.0		8	944.5	21.7	94.0	9.5	1.6	15.9	
9	926.9	20.6	89.0	90.8	0.8	19.3		9	926.5	20.6	91.0	117.9	1.7	18.4	
10	949.2	26.1	61.0	136.3	1.7	24.7		10	949.2	25.0	61.0	129.1	0.8	23.3	

JUNE 22, 1977 300 CDT								JUNE 22, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.9	17.8	90.0	180.9	1.5	16.1		1	929.9	17.8	90.0	145.7	0.5	16.1	
2	918.1	18.3	82.0	123.5	3.7	17.1		2	917.7	18.3	88.0	137.1	4.0	16.8	
3	0.0	18.9	89.0	162.1	1.5	18.0		3	0.0	18.9	89.0	167.0	2.1	18.2	
4	933.7	18.9	91.0	101.2	2.7	17.0		4	932.6	18.9	91.0	124.0	2.7	19.0	
5	920.9	20.6	90.0	129.6	2.5	15.9		5	920.8	20.0	83.0	127.0	4.2	16.4	
6	934.6	18.9	0.0	126.0	2.8	17.4		6	934.6	18.9	0.0	132.6	2.6	17.5	
7	938.4	21.1	89.0	118.0	1.4	20.0		7	938.0	21.1	89.0	146.4	1.9	20.1	
8	944.1	21.7	93.0	107.6	0.7	15.6		8	943.8	21.7	93.0	103.5	0.8	15.4	
9	926.5	20.6	91.0	149.5	2.0	18.2		9	926.2	20.6	78.0	136.7	2.1	17.9	
10	949.2	27.9	69.0	119.4	3.5	27.9		10	949.5	23.3	72.0	116.0	1.3	22.2	

JUNE 22, 1977 500 CDT								JUNE 22, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.2	17.8	90.0	57.7	0.6	15.3		1	930.2	17.8	90.0	59.8	0.4	16.7	
2	917.7	18.3	85.0	136.3	3.9	17.3		2	917.7	18.9	80.0	141.2	4.7	18.0	
3	0.0	18.9	89.0	156.6	2.2	18.6		3	0.0	19.4	89.0	154.6	1.6	18.8	
4	937.0	18.9	91.0	151.6	3.6	19.3		4	933.0	19.4	84.0	170.3	3.8	19.4	
5	920.9	20.6	87.0	151.4	5.6	17.0		5	921.1	20.6	74.0	164.8	5.1	17.0	
6	935.0	18.9	0.0	129.0	2.3	17.7		6	935.7	18.9	0.0	153.4	3.4	18.3	
7	937.7	22.2	84.0	136.3	1.6	20.4		7	935.0	22.8	72.0	162.5	2.4	21.4	
8	943.9	21.1	85.0	113.0	2.1	15.6		8	943.8	21.1	83.0	132.4	2.2	16.2	
9	926.2	20.0	78.0	140.4	2.2	17.3		9	926.5	19.4	80.0	175.1	2.9	17.7	
10	949.9	22.8	76.0	115.3	4.0	21.7		10	950.2	22.2	78.0	127.4	2.5	21.1	



JUNE 22, 1977 700 CDT								JUNE 22, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.4	19.3	80.0	21.4	0.7	17.0		1	930.9	18.3	90.0	126.9	1.1	17.7	
2	917.7	19.9	78.0	145.7	4.3	19.1		2	918.1	18.9	77.0	154.8	4.4	18.4	
3	0.0	19.4	99.0	156.2	2.0	18.8		3	0.0	19.4	86.0	162.0	2.4	19.4	
4	933.3	19.9	84.0	172.1	3.9	19.5		4	933.6	19.4	83.0	173.3	4.8	20.5	
5	921.1	20.6	73.0	163.5	4.7	16.6		5	921.4	20.6	76.0	166.0	5.4	17.1	
6	935.3	19.9	0.0	151.9	3.4	18.1		6	935.3	18.9	0.0	150.4	3.9	18.6	
7	939.4	23.3	75.0	151.9	4.1	21.3		7	939.7	23.9	74.0	163.9	4.4	22.7	
8	944.1	21.1	92.0	170.3	3.1	15.3		8	944.5	21.7	81.0	129.1	3.1	17.3	
9	924.5	19.4	84.0	153.7	3.3	17.6		9	926.9	19.4	85.0	168.5	4.2	18.5	
10	950.6	22.2	79.0	144.4	0.9	21.7		10	950.6	22.8	79.0	136.7	4.1	22.8	

JUNE 22, 1977 900 CDT								JUNE 22, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.0	19.9	86.0	162.8	2.4	19.0		1	931.6	20.6	78.0	172.3	3.1	20.0	
2	918.4	18.9	77.0	165.1	4.9	19.7		2	919.4	19.4	79.0	167.5	5.5	18.7	
3	0.0	19.4	92.0	159.3	2.5	20.3		3	930.2	22.2	80.0	175.7	3.1	21.6	
4	934.0	20.0	79.0	192.5	6.0	21.1		4	934.0	20.6	76.0	190.4	6.3	22.3	
5	921.9	20.6	77.0	169.8	5.9	17.2		5	922.1	21.1	82.0	188.8	6.6	17.9	
6	935.7	20.6	0.0	170.9	5.0	20.0		6	935.7	21.7	73.0	173.6	5.3	21.3	
7	939.7	24.4	70.0	171.1	5.8	23.6		7	939.0	26.1	66.0	185.7	5.6	24.8	
8	944.8	22.8	75.0	145.3	4.6	19.1		8	944.8	23.9	67.0	145.9	6.2	20.3	
9	927.2	20.0	94.0	182.5	5.5	19.8		9	927.2	20.6	80.0	186.7	6.3	20.0	
10	950.6	23.3	75.0	170.8	4.2	23.3		10	950.2	26.1	64.0	175.7	1.8	26.1	

JUNE 22, 1977 1100 CDT								JUNE 22, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.6	22.2	80.0	172.5	3.9	19.7		1	931.9	22.8	80.0	187.5	4.1	20.5	
2	918.7	19.4	83.0	189.4	5.4	19.2		2	918.7	19.4	82.0	184.2	4.8	17.9	
3	920.2	22.2	75.0	185.3	6.3	21.7		3	930.6	22.8	76.0	190.0	4.2	21.9	
4	934.7	22.2	69.0	191.4	7.1	23.5		4	934.0	24.4	61.0	180.7	7.9	24.5	
5	922.1	20.6	84.0	186.0	5.5	16.1		5	922.1	20.0	89.0	202.2	5.5	16.5	
6	935.0	21.7	70.0	181.6	4.9	21.3		6	935.7	22.8	70.0	170.1	4.6	21.3	
7	939.0	27.2	62.0	184.5	5.5	25.8		7	939.0	27.2	60.0	193.8	5.2	27.3	
8	944.8	25.6	62.0	159.8	5.3	22.0		8	944.8	26.7	63.0	157.1	5.0	22.9	
9	927.5	21.7	73.0	195.2	5.1	20.9		9	927.5	22.2	70.0	188.2	5.7	23.2	
10	950.2	27.2	60.0	170.4	0.6	27.8		10	949.9	28.3	51.0	179.8	3.4	29.3	

JUNE 22, 1977 1300 CDT								JUNE 22, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.9	23.3	75.0	186.5	5.3	22.4		1	931.5	22.8	83.0	208.1	3.8	21.7	
2	918.7	20.0	90.0	189.9	4.5	18.7		2	918.7	20.6	75.0	192.2	3.5	19.7	
3	930.6	23.3	74.0	202.1	2.8	22.9		3	930.6	21.1	87.0	227.6	4.1	19.7	
4	934.3	25.6	61.0	178.2	5.9	24.1		4	934.3	27.2	57.0	181.4	6.5	26.8	
5	922.1	20.0	86.0	189.1	4.2	16.9		5	922.5	22.2	84.0	199.8	4.3	19.3	
6	936.0	22.8	67.0	184.6	5.8	23.0		6	936.0	24.4	62.0	234.9	5.8	17.3	
7	928.7	28.9	54.0	201.2	4.2	29.0		7	938.7	26.1	83.0	196.7	5.6	25.1	
8	944.8	27.2	56.0	157.8	5.5	23.5		8	944.8	27.8	56.0	159.3	5.6	25.5	
9	927.5	23.3	66.0	200.1	5.3	22.7		9	927.5	22.8	66.0	214.5	5.3	21.8	
10	949.2	29.4	49.0	190.2	1.1	29.9		10	949.5	31.1	45.0	174.8	3.6	30.9	

JUNE 22, 1977 1500 CDT								JUNE 22, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.5	21.7	93.0	189.6	2.7	19.2		1	931.3	23.3	80.0	197.1	3.4	22.3	
2	918.7	21.7	70.0	222.9	3.1	21.4		2	917.7	21.7	72.0	139.3	3.5	21.1	
3	930.2	21.1	85.0	181.4	3.2	21.0		3	929.9	21.7	85.0	179.9	1.6	22.0	
4	934.7	27.8	55.0	282.1	4.0	20.4		4	934.0	23.9	80.0	276.8	4.5	24.2	
5	922.1	22.2	77.0	192.0	5.3	19.1		5	921.8	22.8	73.0	178.9	4.9	20.1	
6	935.3	19.4	0.0	251.2	3.1	13.6		6	934.6	22.8	0.0	220.3	4.8	22.8	
7	938.4	27.8	64.0	224.8	4.4	28.3		7	937.7	27.2	64.0	275.0	4.4	27.4	
8	943.8	27.2	55.0	200.2	3.8	25.1		8	943.8	28.9	50.0	145.9	5.5	24.9	
9	926.9	22.8	74.0	246.5	5.1	21.2		9	926.5	22.2	78.0	258.0	4.0	20.3	
10	950.2	25.0	70.0	191.1	0.2	25.7		10	949.5	21.1	94.0	195.7	0.5	20.4	

JUNE 22, 1977 1700 CDT								JUNE 22, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.2	23.7	74.0	189.2	2.8	22.8		1	930.6	23.3	77.0	163.2	4.0	21.9	
2	917.4	22.8	72.0	165.4	3.6	23.1		2	917.4	23.3	64.0	169.1	2.6	22.4	
3	928.9	22.8	81.0	214.4	1.5	23.7		3	929.9	23.9	72.0	173.6	2.7	24.4	
4	934.3	26.1	64.0	113.1	8.2	17.7		4	934.3	18.9	93.0	192.6	5.2	16.9	
5	921.1	23.9	70.0	199.0	2.8	21.9		5	921.4	24.4	64.0	165.4	3.4	22.1	
6	934.6	27.3	69.0	212.7	5.1	22.5		6	934.6	21.7	0.0	148.4	5.9	20.7	
7	937.7	22.2	94.0	146.2	7.6	24.4		7	937.7	23.3	92.0	185.4	2.4	21.5	
8	943.8	20.6	95.0	157.8	6.3	17.0		8	943.8	20.6	94.0	150.5	1.8	16.8	
9	925.8	21.7	85.0	190.6	5.1	25.0		9	925.5	24.4	64.0	161.9	6.3	23.0	
10	949.2	22.2	89.0	201.5	3.6	23.8		10	949.2	23.3	85.0	213.0	2.6	24.2	

JUNE 22, 1977 1900 CDT								JUNE 22, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	930.6	22.2	85.0	137.9	5.0	23.1		1	930.2	22.2	81.0	170.8	3.8	20.9	
2	917.4	22.6	85.0	135.6	7.2	23.1		2	917.0	22.6	67.0	112.2	4.3	22.2	
3	929.9	23.3	75.0	126.6	7.0	23.4		3	928.9	23.9	73.0	168.5	2.9	23.5	
4	937.4	19.9	93.0	152.9	2.7	18.7		4	933.6	19.4	93.0	154.4	3.9	18.8	
5	921.4	24.4	63.0	154.0	1.4	23.6		5	921.1	24.4	60.0	149.4	5.6	20.1	
6	934.6	21.7	0.0	143.8	4.3	20.2		6	934.6	21.7	0.0	142.8	4.8	19.8	
7	937.4	23.9	95.0	155.0	2.8	23.8		7	937.4	23.3	85.0	174.4	3.8	23.2	
8	943.8	21.1	94.0	177.3	0.8	17.6		8	943.8	21.7	94.0	121.7	2.0	18.2	
9	925.9	27.3	75.0	154.1	5.9	23.0		9	925.2	20.6	79.0	178.9	3.5	19.0	
10	949.5	27.9	75.0	158.9	1.8	21.4		10	949.5	23.9	75.0	193.4	0.6	24.4	

JUNE 22, 1977 2100 CDT								JUNE 22, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	930.2	22.2	84.0	164.6	4.3	19.9		1	931.3	22.2	86.0	177.3	4.6	19.7	
2	917.4	21.7	77.0	147.0	5.5	19.7		2	919.1	20.6	77.0	154.6	4.5	19.1	
3	929.2	22.2	83.0	154.7	4.1	21.8		3	929.9	22.2	75.0	169.3	2.5	21.7	
4	933.6	20.0	97.0	155.9	6.2	19.2		4	934.3	20.6	88.0	205.8	1.6	19.2	
5	921.4	22.2	79.0	153.0	6.0	17.9		5	921.4	21.1	81.0	166.4	6.6	17.4	
6	935.0	21.1	0.0	155.2	4.5	19.7		6	935.3	20.6	0.0	168.5	2.0	18.7	
7	937.7	22.8	89.0	179.4	4.0	22.2		7	939.0	22.8	84.0	187.0	3.7	23.2	
8	943.8	21.7	90.0	169.9	2.5	17.9		8	944.1	21.7	89.0	166.6	1.8	17.9	
9	924.2	20.0	89.0	177.5	3.4	19.7		9	926.9	20.0	90.0	190.7	2.9	18.3	
10	949.5	27.3	82.0	121.5	2.1	23.3		10	950.2	22.2	85.0	160.6	1.3	22.1	

JUNE 22, 1977 2300 CDT								JUNE 22, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	931.7	21.7	89.0	180.7	2.5	13.8		1	931.9	20.6	91.0	185.5	0.7	18.1	
2	919.7	20.0	80.0	152.6	5.2	14.6		2	918.7	20.0	79.0	180.3	3.6	18.2	
3	930.2	21.7	92.0	177.4	3.1	21.3		3	930.2	21.7	82.0	208.0	1.9	20.3	
4	934.6	20.0	90.0	183.2	2.2	19.1		4	934.6	20.0	90.0	190.4	1.7	19.1	
5	922.1	21.1	91.0	173.0	6.7	17.2		5	921.8	20.6	78.0	177.0	4.9	17.3	
6	934.0	20.6	7.0	167.5	2.6	19.7		6	935.7	20.0	0.0	156.0	2.7	18.5	
7	939.7	22.2	99.0	205.9	2.9	22.8		7	938.0	21.7	93.0	191.6	2.9	21.8	
8	944.9	21.7	89.0	165.3	2.3	17.9		8	944.8	21.7	88.0	149.0	1.3	17.7	
9	927.2	19.4	91.0	185.4	3.9	17.9		9	927.5	19.4	91.0	160.1	2.3	17.4	
10	951.2	21.7	95.0	219.2	3.5	21.5		10	950.9	21.7	85.0	175.1	0.4	21.2	

JUNE 23, 1977 100 CDT								JUNE 23, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.4	20.6	91.0	176.2	0.5	17.8		1	931.9	20.0	92.0	175.3	1.4	18.2	
2	918.7	19.4	78.0	999.9	999.9	999.9		2	918.7	19.4	81.0	999.9	999.9	999.9	
3	930.2	21.7	93.0	202.9	1.9	19.9		3	930.6	21.1	87.0	164.3	1.0	20.1	
4	934.6	20.0	91.0	161.3	3.7	19.0		4	935.3	20.0	90.0	176.3	2.8	19.2	
5	921.8	21.1	79.0	190.4	4.4	17.1		5	922.1	20.6	81.0	198.6	4.6	17.0	
6	936.0	20.0	0.0	185.6	1.7	19.3		6	936.0	19.4	0.0	122.5	2.3	18.4	
7	938.4	22.2	93.0	229.8	2.8	21.9		7	938.7	21.7	84.0	164.3	2.6	21.8	
8	944.5	21.1	93.0	130.9	2.5	17.3		8	945.1	21.1	82.0	178.6	1.4	17.5	
9	926.9	19.4	91.0	156.3	2.4	17.6		9	927.5	19.4	91.0	157.6	3.9	17.4	
10	950.9	21.7	84.0	143.5	1.8	20.9		10	951.2	21.7	83.0	142.8	3.7	21.1	

JUNE 23, 1977 300 CDT								JUNE 23, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.9	20.0	94.0	153.1	2.4	17.9		1	931.6	20.0	93.0	163.9	3.3	17.9	
2	918.7	19.4	93.0	999.9	999.9	999.9		2	919.7	19.4	85.0	999.9	999.9	999.9	
3	930.6	21.1	89.0	159.3	2.4	19.8		3	930.6	21.1	87.0	160.5	3.1	20.1	
4	935.7	20.0	84.0	178.0	3.0	19.8		4	935.3	20.0	85.0	170.6	3.6	19.0	
5	922.1	20.6	85.0	190.4	4.9	16.6		5	921.8	20.0	86.0	175.8	4.1	15.9	
6	936.7	19.4	0.0	155.3	3.1	19.1		6	936.3	19.4	0.0	149.2	3.2	18.2	
7	939.0	21.7	94.0	173.3	2.9	21.3		7	939.0	21.7	89.0	174.6	2.9	21.0	
8	945.1	20.6	93.0	139.4	1.9	17.5		8	945.1	20.6	83.0	135.2	2.5	17.5	
9	927.5	18.9	89.0	182.5	3.9	17.4		9	927.5	18.9	89.0	184.0	4.3	17.4	
10	951.4	21.1	80.0	147.1	2.0	21.4		10	951.6	21.7	79.0	160.8	0.8	21.9	

JUNE 23, 1977 500 CDT								JUNE 23, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.9	20.0	95.0	178.1	4.9	18.2		1	931.9	20.0	89.0	149.1	4.0	18.0	
2	919.7	19.4	85.0	999.9	999.9	999.9		2	918.7	19.9	85.0	999.9	999.9	999.9	
3	930.6	20.6	87.0	164.4	3.2	19.5		3	930.6	20.6	88.0	169.5	3.7	19.3	
4	935.7	19.4	89.0	164.3	4.4	19.0		4	935.7	18.9	92.0	165.0	4.7	17.9	
5	921.8	20.0	87.0	173.3	4.9	15.7		5	921.8	19.4	88.0	169.8	5.8	15.6	
6	936.3	19.4	0.0	169.9	3.6	18.1		6	936.7	19.4	0.0	160.1	3.6	17.4	
7	939.0	21.7	87.0	176.8	2.9	20.9		7	939.4	21.7	98.0	173.5	3.0	21.4	
8	945.5	19.4	91.0	146.6	2.8	16.2		8	945.5	19.4	91.0	147.7	3.3	16.2	
9	927.5	18.9	93.0	181.7	3.5	17.4		9	927.9	18.9	89.0	175.1	4.1	17.0	
10	951.9	21.7	90.0	146.6	0.7	21.3		10	952.7	21.1	81.0	150.4	4.1	20.9	

JUNE 23, 1977 700 CDT								JUNE 23, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.7	16.4	90.0	167.4	3.3	17.5		1	932.6	20.0	89.0	168.5	4.3	17.8	
2	919.7	18.0	85.0	999.9	999.9	999.9		2	919.1	18.9	85.0	999.9	999.9	999.9	
3	970.9	20.6	87.0	169.9	7.7	19.7		3	931.3	20.6	87.0	171.0	6.1	20.2	
4	976.0	19.9	97.0	180.1	5.9	17.5		4	936.3	18.9	93.0	171.8	5.1	17.5	
5	922.1	19.4	88.0	180.5	5.7	15.3		5	922.5	20.0	88.0	187.7	5.6	17.3	
6	977.0	19.4	0.0	154.9	4.4	17.4		6	937.4	19.4	0.0	159.0	4.1	16.7	
7	970.7	21.7	99.0	172.0	3.2	20.9		7	940.1	22.2	84.0	168.0	3.2	21.1	
8	945.9	20.0	91.0	146.7	2.2	15.4		8	946.5	20.0	90.0	154.6	3.2	16.5	
9	927.9	18.9	88.0	178.4	3.3	15.8		9	927.9	18.9	88.0	175.7	3.5	16.2	
10	952.6	21.1	87.0	139.9	2.4	20.4		10	952.9	20.6	85.0	149.2	0.7	20.1	

JUNE 23, 1977 900 CDT								JUNE 23, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	937.0	20.6	95.0	197.9	4.7	19.4		1	933.3	21.1	82.0	193.6	4.5	19.9	
2	919.7	19.4	93.0	999.9	999.9	999.9		2	920.4	20.6	78.0	999.9	999.9	999.9	
3	937.5	21.1	90.0	189.8	5.6	20.9		3	931.9	21.7	73.0	184.5	6.2	22.3	
4	976.7	19.4	91.0	182.6	5.7	17.9		4	936.7	20.0	85.0	178.6	5.4	19.1	
5	922.1	20.0	85.0	190.3	5.0	17.8		5	923.5	21.1	79.0	190.1	5.7	18.6	
6	977.7	19.4	0.0	159.4	5.3	17.4		6	937.4	20.6	0.0	170.7	5.8	19.4	
7	940.4	24.4	75.0	185.3	3.6	23.8		7	940.4	24.4	70.0	186.9	5.0	24.0	
8	946.5	20.6	95.0	163.4	4.0	17.5		8	946.8	21.7	80.0	154.8	4.7	18.7	
9	928.6	19.4	80.0	173.3	4.3	17.7		9	928.9	20.0	77.0	173.7	5.3	18.3	
10	952.9	21.7	72.0	175.4	0.0	21.1		10	952.6	22.8	76.0	169.2	3.7	22.8	

JUNE 23, 1977 1100 CDT								JUNE 23, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	977.7	22.2	76.0	190.8	4.6	21.2		1	933.6	23.3	70.0	193.2	4.5	22.7	
2	920.4	21.1	75.0	999.9	999.9	999.9		2	920.4	21.7	70.0	999.9	999.9	999.9	
3	971.9	22.8	69.0	193.0	4.2	22.7		3	932.6	22.8	69.0	182.3	4.2	23.1	
4	977.0	21.1	80.0	174.8	6.3	21.0		4	937.4	22.8	67.0	179.4	6.4	23.4	
5	927.9	21.7	73.0	211.5	5.0	19.1		5	924.1	22.2	70.0	203.9	4.7	19.8	
6	977.7	22.2	69.0	190.3	5.4	21.0		6	979.0	22.2	67.0	161.7	4.8	20.3	
7	940.7	25.0	69.0	193.2	5.2	24.2		7	940.7	25.7	64.0	188.2	4.8	25.8	
8	947.2	23.7	71.0	166.3	5.1	21.2		8	947.2	24.4	64.0	161.6	5.4	22.5	
9	928.9	20.6	73.0	168.4	5.4	19.6		9	928.9	21.7	68.0	169.5	4.3	20.3	
10	952.6	23.9	68.0	161.6	3.9	24.8		10	952.6	25.0	65.0	192.0	4.3	25.6	

JUNE 23, 1977 1300 CDT								JUNE 23, 1977 1400 CDT							
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	937.6	27.9	67.0	130.3	5.6	23.4		1	933.6	25.6	64.0	186.3	4.8	24.9	
2	920.9	22.8	67.0	999.9	999.9	999.9		2	920.8	22.8	65.0	999.9	999.9	999.9	
3	972.7	23.3	49.0	187.4	3.9	23.1		3	931.9	25.0	64.0	189.0	4.3	25.9	
4	977.0	27.9	65.0	188.3	5.3	25.3		4	976.7	25.6	60.0	193.6	4.5	25.1	
5	924.5	22.8	68.0	175.8	4.3	19.8		5	924.5	23.9	69.0	174.9	3.8	23.4	
6	978.0	22.8	0.0	180.4	3.5	21.5		6	937.4	22.8	0.0	207.9	2.4	23.8	
7	940.4	27.8	61.0	185.1	4.1	27.6		7	939.7	28.9	54.0	206.0	3.2	28.2	
8	946.8	26.7	58.0	170.7	3.9	25.5		8	946.8	26.1	59.0	136.9	3.3	21.2	
9	929.2	22.2	67.0	185.5	4.3	21.8		9	929.2	23.9	60.0	197.5	4.4	24.5	
10	952.4	26.7	61.0	134.4	4.4	23.8		10	952.3	22.8	93.0	189.9	1.2	20.0	

JUNE 23, 1977 1500 CDT								JUNE 23, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.0	26.1	58.0	187.7	3.7	26.4		1	932.3	26.7	56.0	177.5	2.9	27.8	
2	970.4	23.3	65.0	999.9	999.9	999.9		2	919.4	25.0	61.0	999.9	999.9	999.9	
3	971.3	26.1	59.0	189.3	3.5	29.0		3	930.9	27.2	54.0	150.1	6.6	28.1	
4	934.3	26.7	59.0	159.1	4.9	21.2		4	936.3	20.6	90.0	149.0	3.6	19.4	
5	924.1	25.6	58.0	160.4	3.7	25.6		5	924.1	26.7	52.0	159.6	3.7	26.9	
6	976.7	24.4	0.0	221.5	2.0	26.2		6	937.0	21.7	0.0	173.6	2.9	18.1	
7	970.7	22.9	94.0	174.8	4.6	22.1		7	939.4	25.6	79.0	201.0	1.3	25.2	
8	946.2	21.7	91.0	129.0	6.9	20.8		8	946.2	25.6	68.0	129.7	6.3	24.2	
9	928.9	25.0	55.0	149.0	5.8	22.9		9	929.2	25.0	61.0	157.7	5.8	23.4	
10	951.9	21.1	95.0	159.7	4.4	22.3		10	951.9	22.8	86.0	135.2	4.2	23.8	

JUNE 23, 1977 1700 CDT								JUNE 23, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	972.3	25.6	65.0	162.9	9.0	23.6		1	931.9	25.6	62.0	152.0	6.3	25.2	
2	919.4	25.6	54.0	999.9	999.9	999.9		2	919.7	26.1	51.0	999.9	999.9	999.9	
3	970.5	25.6	71.0	157.4	5.8	25.8		3	930.6	26.1	60.0	154.3	7.3	24.9	
4	975.7	21.1	92.0	140.9	4.8	19.5		4	935.0	21.7	88.0	143.7	6.5	20.5	
5	927.8	24.3	49.0	149.2	4.0	27.6		5	923.5	28.3	49.0	126.3	5.4	24.8	
6	976.7	21.7	0.0	63.8	3.6	20.6		6	936.7	21.1	0.0	138.7	6.1	16.5	
7	939.0	25.6	77.0	161.4	3.3	24.8		7	939.4	25.0	72.0	154.1	6.5	25.6	
8	946.2	24.4	76.0	123.6	6.2	21.2		8	946.2	23.9	78.0	122.3	7.0	20.4	
9	927.9	25.0	63.0	149.9	5.7	24.1		9	927.5	25.0	68.0	147.9	5.8	21.3	
10	951.9	24.4	89.0	108.4	4.2	20.4		10	951.9	21.7	94.0	113.0	3.6	20.4	

JUNE 23, 1977 1900 CDT								JUNE 23, 1977 2000 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	931.0	24.4	72.0	133.7	6.7	23.2		1	932.3	22.9	79.0	156.6	6.3	20.8	
2	918.4	25.6	50.0	999.9	999.9	999.9		2	919.1	23.9	70.0	999.9	999.9	999.9	
3	930.6	23.9	72.0	149.3	5.3	21.7		3	930.6	22.8	82.0	150.7	4.9	20.5	
4	936.7	21.1	65.0	149.8	7.4	20.0		4	935.7	20.6	86.0	155.3	7.2	18.9	
5	922.8	24.4	65.0	132.5	8.2	21.6		5	923.5	23.9	69.0	137.8	8.4	20.1	
6	936.7	19.9	0.0	133.5	5.6	17.5		6	936.7	18.9	0.0	133.7	5.4	17.2	
7	930.7	23.9	92.0	120.0	6.5	23.3		7	939.0	22.8	82.0	152.3	5.1	22.5	
8	946.2	22.2	81.0	135.3	6.4	19.4		8	945.8	21.7	86.0	138.7	4.9	18.2	
9	927.0	22.8	71.0	146.5	5.8	20.3		9	927.9	21.7	75.0	135.8	5.3	19.6	
10	951.9	21.7	90.0	105.5	3.5	20.5		10	951.9	21.7	91.0	98.6	3.2	20.3	

JUNE 23, 1977 2100 CDT								JUNE 23, 1977 2200 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	931.0	21.1	87.0	170.4	4.4	19.9		1	931.9	20.6	89.0	167.2	4.3	18.5	
2	918.7	21.1	81.0	999.9	999.9	999.9		2	918.7	20.6	81.0	999.9	999.9	999.9	
3	930.2	21.1	87.0	145.3	4.3	20.4		3	930.6	21.1	87.0	154.7	3.9	19.9	
4	935.0	20.0	89.0	164.3	5.5	18.4		4	935.3	19.4	92.0	173.6	3.8	18.2	
5	922.8	22.2	73.0	156.3	8.3	18.8		5	922.8	21.1	79.0	161.0	5.7	17.5	
6	936.3	18.9	0.0	133.2	4.8	16.6		6	926.7	18.3	0.0	133.4	2.2	16.6	
7	938.7	21.7	92.0	141.4	3.8	20.6		7	939.0	21.7	91.0	168.5	1.9	20.0	
8	945.1	21.1	92.0	141.1	4.4	17.4		8	945.1	20.6	92.0	137.2	2.4	16.9	
9	927.0	21.1	77.0	142.6	3.7	18.8		9	927.9	21.1	81.0	152.0	3.7	17.8	
10	951.6	21.1	90.0	131.4	2.1	20.3		10	951.6	20.6	90.0	124.6	0.8	19.9	

JUNE 23, 1977 2300 CDT								JUNE 23, 1977 2400 CDT							
STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP		STAT	PRES	(A+M) TEMP	RH	DIR	SPEED	(MRI) TEMP	
NO.	MB	DG C	PCT	DG	M/SEC	DG C		NO.	MB	DG C	PCT	DG	M/SEC	DG C	
1	932.4	20.6	90.0	170.1	1.6	18.0		1	933.3	20.6	90.0	150.9	1.6	18.5	
2	919.1	20.0	87.0	999.9	999.9	999.9		2	920.1	20.6	85.0	999.9	999.9	999.9	
3	930.9	20.6	98.0	160.1	2.5	18.8		3	931.6	20.0	90.0	117.4	0.8	18.7	
4	936.7	19.4	93.0	172.2	3.2	19.1		4	936.0	19.9	93.0	169.1	3.4	18.5	
5	923.1	20.6	86.0	161.5	5.5	16.7		5	923.5	20.6	87.0	181.0	3.4	16.4	
6	936.7	19.3	0.0	122.6	2.6	16.6		6	937.0	18.3	0.0	142.1	3.0	16.9	
7	930.4	21.7	92.0	143.3	2.1	20.2		7	939.7	21.7	89.0	155.5	2.0	20.4	
8	945.5	20.6	92.0	143.3	2.3	16.9		8	946.2	20.6	91.0	153.7	2.7	17.4	
9	927.0	20.6	94.0	162.7	4.0	17.0		9	927.9	20.0	86.0	157.6	3.6	17.1	
10	951.6	20.6	91.0	135.2	0.1	19.4		10	951.6	20.0	90.0	130.5	4.2	19.4	

JUNE 24, 1977 100 CDT								JUNE 24, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.3	20.6	90.0	155.3	1.9	19.4		1	933.6	20.6	91.0	155.5	1.4	18.0	
2	920.4	20.0	97.0	999.9	999.9	999.9		2	920.4	20.0	87.0	999.9	999.9	999.9	
3	971.9	20.0	90.0	142.5	1.2	18.9		3	932.3	20.6	90.0	180.0	1.7	18.8	
4	926.7	18.9	91.0	172.5	3.7	19.6		4	937.0	18.9	91.0	166.8	2.8	18.5	
5	924.1	20.6	87.0	176.7	4.5	16.6		5	924.5	20.6	81.0	194.3	4.2	17.1	
6	937.7	18.3	0.0	159.4	1.7	17.1		6	938.0	18.3	0.0	147.4	1.0	16.8	
7	940.1	21.1	99.0	155.8	2.0	20.1		7	940.4	21.1	89.0	160.7	1.2	20.0	
8	946.5	20.6	91.0	144.3	2.4	16.9		8	946.8	20.0	91.0	135.7	1.4	16.7	
9	928.6	20.0	84.0	170.8	7.0	17.5		9	928.9	20.0	82.0	165.5	2.6	17.4	
10	951.5	20.0	91.0	133.7	3.8	19.2		10	952.3	20.0	88.0	156.2	2.5	19.4	

JUNE 24, 1977 300 CDT								JUNE 24, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.6	20.0	94.0	152.8	1.9	17.8		1	933.0	19.4	94.0	174.4	3.6	18.2	
2	920.4	20.0	90.0	999.9	999.9	999.9		2	920.1	19.4	89.0	999.9	999.9	999.9	
3	931.9	20.6	89.0	144.1	1.7	18.0		3	931.9	20.0	89.0	157.3	3.6	18.7	
4	937.0	19.9	92.0	140.1	3.5	19.3		4	936.7	18.9	92.0	169.0	2.7	18.4	
5	924.5	20.6	82.0	207.0	2.4	16.9		5	924.5	20.0	88.0	177.2	2.1	16.5	
6	937.7	18.3	0.0	118.4	2.2	16.5		6	937.7	18.3	0.0	141.1	2.0	17.1	
7	940.4	21.1	90.0	158.9	0.9	19.4		7	940.4	21.1	91.0	154.6	0.9	19.3	
8	946.8	20.0	91.0	136.5	1.5	16.9		8	946.8	20.0	91.0	139.0	1.1	17.0	
9	928.9	20.0	81.0	151.1	1.6	16.9		9	928.9	19.4	87.0	162.2	1.4	16.6	
10	952.6	20.0	99.0	95.6	3.8	19.6		10	952.3	20.0	94.0	132.9	0.2	19.2	

JUNE 24, 1977 500 CDT								JUNE 24, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.9	18.9	94.0	164.6	4.1	17.5		1	932.3	18.9	94.0	206.6	1.4	17.1	
2	919.7	19.4	89.0	999.9	999.9	999.9		2	919.4	18.9	91.0	999.9	999.9	999.9	
3	930.9	20.0	90.0	184.4	3.0	18.3		3	930.6	19.4	90.0	185.4	2.1	17.7	
4	936.0	18.9	93.0	157.9	2.2	17.3		4	935.0	18.3	94.0	174.3	3.6	17.3	
5	923.5	19.4	90.0	140.3	4.2	15.7		5	922.8	18.9	91.0	166.3	3.3	15.0	
6	937.4	18.3	0.0	138.8	1.5	16.7		6	936.3	17.8	0.0	147.4	3.2	16.4	
7	940.4	20.6	95.0	164.1	1.4	19.3		7	939.7	20.0	95.0	156.1	1.4	18.3	
8	946.5	20.0	97.0	164.0	0.9	16.6		8	945.8	20.0	93.0	160.6	0.9	16.1	
9	928.9	19.4	97.0	163.8	1.5	16.2		9	928.6	18.9	87.0	141.5	1.9	15.5	
10	951.9	20.0	93.0	314.3	0.6	18.7		10	951.9	20.0	94.0	120.9	1.1	19.2	



JUNE 24, 1977 700 CDT								JUNE 24, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.7	19.9	92.0	153.4	1.2	17.4		1	932.6	19.4	90.0	213.5	2.1	19.6	
2	916.4	18.7	91.0	999.9	999.9	999.9		2	919.4	18.3	91.0	999.9	999.9	999.9	
3	970.9	18.9	90.0	198.7	2.1	19.7		3	931.3	18.9	90.0	237.8	2.1	19.3	
4	975.0	17.8	94.0	210.0	2.5	17.2		4	935.7	18.3	94.0	200.0	3.3	17.6	
5	973.1	18.9	91.0	143.9	7.8	14.5		5	923.5	19.4	91.0	196.3	3.5	15.7	
6	976.7	17.2	0.0	184.4	1.1	17.0		6	937.0	17.8	0.0	196.9	3.6	18.4	
7	979.4	20.0	96.0	179.9	1.8	18.4		7	939.4	21.7	92.0	229.9	2.9	20.6	
8	945.5	19.4	97.0	159.0	1.8	15.2		8	945.5	20.0	91.0	154.4	3.1	18.2	
9	928.2	19.9	87.0	177.7	3.3	16.1		9	928.6	18.9	87.0	207.4	3.0	16.1	
10	951.6	19.4	94.0	122.9	2.1	19.3		10	951.9	20.0	93.0	122.5	0.1	19.6	

JUNE 24, 1977 900 CDT								JUNE 24, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.3	20.0	94.0	261.9	2.8	19.3		1	934.0	20.6	86.0	282.8	1.4	18.8	
2	920.1	19.4	87.0	999.9	999.9	999.9		2	920.8	20.0	81.0	999.9	999.9	999.9	
3	971.9	20.0	93.0	252.0	2.1	21.7		3	932.6	21.1	83.0	258.0	1.8	24.2	
4	974.7	19.9	97.0	205.0	2.9	20.0		4	937.4	20.6	86.0	165.0	2.5	21.1	
5	974.1	21.1	87.0	209.2	4.9	17.4		5	925.2	22.8	73.0	239.6	4.1	20.1	
6	977.7	19.4	0.0	207.8	4.3	20.3		6	938.4	20.6	0.0	196.2	2.5	22.4	
7	939.7	27.3	87.0	229.1	3.1	22.7		7	940.4	25.6	74.0	207.7	2.7	24.9	
8	945.8	21.1	95.0	174.1	3.1	19.0		8	946.8	21.7	84.0	145.0	2.4	20.4	
9	928.9	19.3	95.0	211.0	7.9	17.3		9	929.6	20.0	82.0	220.0	3.8	19.4	
10	952.6	20.6	92.0	114.0	3.5	20.0		10	952.9	21.7	84.0	117.6	2.3	21.5	

JUNE 24, 1977 1100 CDT								JUNE 24, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	934.0	21.1	82.0	269.4	1.1	20.3		1	934.3	22.2	79.0	200.5	1.3	23.5	
2	921.1	21.7	0.0	999.9	999.9	999.9		2	921.1	23.9	0.0	999.9	999.9	999.9	
3	933.0	22.2	75.0	291.9	1.8	25.3		3	933.0	23.9	70.0	0.5	1.1	27.5	
4	977.7	21.1	83.0	140.0	2.5	22.2		4	937.7	21.7	77.0	999.9	999.9	999.9	
5	925.8	24.4	65.0	232.2	1.7	24.5		5	926.5	24.4	56.0	280.3	1.3	24.7	
6	978.7	22.2	0.0	211.6	1.5	27.1		6	938.7	23.3	67.0	217.6	1.0	27.8	
7	940.7	26.7	69.0	164.1	3.7	26.6		7	941.1	27.8	60.0	189.6	2.2	29.1	
8	947.5	27.3	76.0	154.9	1.8	22.7		8	945.8	25.0	66.0	348.4	1.2	25.7	
9	929.9	22.8	65.0	999.9	999.9	999.9		9	930.2	25.0	55.0	225.4	3.0	27.5	
10	952.9	25.0	73.0	205.5	4.0	27.8		10	952.9	27.8	62.0	175.2	1.3	30.6	



JUNE 24, 1977  
2000 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.6	28.9	51.0	169.7	2.7	23.7	1	930.6	27.8	59.0	164.5	2.4	26.4
2	917.4	27.8	0.0	999.9	999.9	999.9	2	917.4	27.2	0.0	999.9	999.9	999.9
3	928.9	29.4	45.0	117.7	2.3	23.7	3	929.2	28.9	57.0	130.8	1.3	27.0
4	933.6	29.0	51.0	999.9	999.9	999.9	4	933.6	28.3	53.0	999.9	999.9	999.9
5	924.5	30.6	37.0	174.1	4.0	27.4	5	924.5	29.4	38.0	205.2	4.1	26.6
6	934.6	28.3	54.0	107.3	2.8	28.5	6	935.0	27.2	64.0	121.2	3.4	25.9
7	937.0	30.0	53.0	115.1	4.8	30.2	7	937.4	28.9	60.0	122.3	4.4	28.5
8	944.1	31.1	50.0	120.1	2.6	27.6	8	944.5	29.4	58.0	126.5	2.6	26.0
9	925.2	31.7	36.0	174.0	3.8	28.4	9	944.5	30.6	38.0	188.7	3.1	26.5
10	948.9	28.9	61.0	139.7	4.8	28.5	10	948.9	27.8	67.0	150.5	2.6	27.0

JUNE 24, 1977  
2200 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.6	26.7	70.0	154.4	1.3	23.7	1	930.9	25.0	74.0	192.2	1.1	23.2
2	917.7	25.6	9.0	999.9	999.9	999.9	2	919.1	18.3	76.0	999.9	999.9	999.9
3	920.4	27.8	61.0	173.7	4.6	24.4	3	931.9	26.7	67.0	327.2	2.5	18.7
4	934.0	27.2	71.0	999.9	999.9	999.9	4	934.0	25.6	73.0	999.9	999.9	999.9
5	927.1	22.8	40.0	190.8	9.5	19.1	5	924.5	21.1	63.0	326.4	7.7	18.3
6	935.0	25.0	0.0	119.6	3.0	23.6	6	936.0	19.4	0.0	230.4	7.4	16.9
7	937.7	27.2	64.0	154.5	4.4	26.2	7	939.7	18.9	90.0	239.8	4.0	18.2
8	944.5	28.3	40.0	133.1	3.7	24.6	8	945.5	27.2	74.0	162.8	4.1	23.8
9	926.9	28.3	47.0	214.2	2.7	24.5	9	927.9	25.6	60.0	75.5	2.1	17.5
10	949.5	26.7	77.0	133.6	2.0	25.5	10	949.9	25.0	86.0	126.4	1.8	23.8

JUNE 24, 1977  
2300 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	933.3	19.3	90.0	252.0	2.5	15.4	1	933.3	18.3	89.0	199.3	2.5	16.3
2	919.4	19.4	54.0	999.9	999.9	999.9	2	919.4	20.0	65.0	999.9	999.9	999.9
3	931.5	19.4	88.0	35.3	2.5	13.4	3	930.9	20.0	68.0	163.6	1.5	18.3
4	936.3	25.0	74.0	999.9	999.9	999.9	4	935.0	20.0	87.0	999.9	999.9	999.9
5	924.5	20.0	65.0	12.8	5.9	17.8	5	924.1	19.4	76.0	77.9	3.4	15.4
6	938.0	19.4	0.0	287.4	3.3	17.6	6	937.7	18.9	0.0	278.5	1.2	15.2
7	940.4	18.9	90.0	241.4	3.7	18.9	7	940.1	18.9	86.0	187.7	3.2	17.8
8	945.8	26.7	74.0	231.0	4.6	17.6	8	945.2	20.6	90.0	216.8	1.2	16.9
9	939.9	20.5	80.0	69.2	2.2	17.0	9	929.6	20.6	81.0	145.7	2.8	15.4
10	950.0	25.0	80.0	255.0	3.5	23.6	10	951.6	23.3	72.0	254.0	2.7	21.5

JUNE 25, 1977 100 CDT								JUNE 25, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	932.4	18.3	92.0	333.0	1.9	16.2		1	932.3	18.3	90.0	316.2	3.2	16.5	
2	910.4	18.9	77.0	909.9	999.9	999.9		2	919.4	18.3	81.0	999.9	999.9	999.9	
3	930.9	19.4	92.0	191.3	2.7	18.5		3	930.9	19.4	80.0	303.2	2.7	17.8	
4	935.7	19.4	95.0	999.9	999.9	999.9		4	935.3	18.3	92.0	999.9	999.9	999.9	
5	924.1	18.9	78.0	172.2	2.3	14.5		5	923.8	18.3	84.0	240.5	1.8	14.0	
6	937.4	18.3	0.0	146.4	4.4	15.1		6	937.0	18.3	0.0	219.5	2.3	15.0	
7	940.1	18.9	89.0	164.0	2.1	17.4		7	939.7	19.4	91.0	190.5	3.3	17.8	
8	946.7	20.0	93.0	220.3	2.2	15.8		8	945.5	19.4	93.0	202.6	1.9	15.9	
9	929.2	19.4	92.0	131.8	1.9	14.9		9	928.9	19.4	84.0	175.7	0.4	14.8	
10	951.4	22.8	75.0	209.3	1.3	20.9		10	951.2	21.7	85.0	90.1	1.8	19.8	

JUNE 25, 1977 300 CDT								JUNE 25, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	932.7	18.3	99.0	213.4	1.7	15.0		1	931.9	17.8	92.0	146.2	1.1	15.0	
2	910.4	17.9	83.0	909.9	999.9	999.9		2	919.4	17.9	85.0	999.9	999.9	999.9	
3	930.9	19.4	77.0	290.2	2.5	15.9		3	930.6	19.9	87.0	287.8	2.8	17.1	
4	935.0	19.7	92.0	999.9	999.9	999.9		4	935.0	17.8	91.0	999.9	999.9	999.9	
5	923.1	18.7	93.0	272.3	1.1	14.0		5	922.8	18.3	83.0	294.2	1.8	13.5	
6	936.7	18.3	0.0	264.7	2.5	14.5		6	936.3	18.3	0.0	303.9	2.3	14.8	
7	938.7	19.4	89.0	215.7	2.9	17.5		7	938.4	19.4	90.0	205.9	2.1	17.2	
8	944.8	19.4	93.0	309.5	1.6	16.4		8	944.8	20.0	83.0	314.4	1.0	15.7	
9	928.6	19.4	93.0	115.4	1.1	14.4		9	928.2	19.4	84.0	150.2	1.0	14.7	
10	950.9	21.7	87.0	340.5	0.9	19.4		10	950.9	20.6	93.0	163.8	1.1	18.5	

JUNE 25, 1977 500 CDT								JUNE 25, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	931.9	17.8	91.0	306.7	1.7	15.5		1	932.7	17.8	90.0	289.1	1.9	15.5	
2	910.4	17.9	84.0	999.9	999.9	999.9		2	919.4	17.8	84.0	999.9	999.9	999.9	
3	930.6	18.3	86.0	291.1	1.9	17.6		3	930.9	18.3	83.0	34.9	0.7	18.3	
4	935.0	17.8	99.0	999.9	999.9	999.9		4	935.0	17.2	90.0	999.9	999.9	999.9	
5	922.8	17.8	85.0	272.5	1.8	13.5		5	923.1	17.8	86.0	359.7	1.8	13.4	
6	936.3	17.2	0.0	206.7	2.0	14.1		6	937.0	17.2	0.0	304.5	1.5	13.4	
7	938.7	18.9	97.0	329.9	1.4	17.1		7	939.4	17.8	94.0	80.4	0.4	15.7	
8	944.1	18.9	94.0	297.7	0.5	15.2		8	945.5	18.3	95.0	224.8	0.2	14.8	
9	928.2	18.9	92.0	145.5	1.0	14.5		9	929.2	18.9	82.0	48.0	0.8	14.7	
10	950.9	21.1	92.0	174.7	1.1	18.5		10	951.2	21.7	93.0	120.6	0.9	19.6	

JUNE 25, 1977 700 CDT								JUNE 25, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	932.3	17.8	92.0	187.0	1.3	15.3		1	932.6	18.9	81.0	288.9	1.1	17.6	
2	920.1	17.8	84.0	999.9	999.9	999.9		2	920.1	18.9	82.0	999.9	999.9	999.9	
3	921.7	10.4	75.0	288.8	2.7	19.5		3	931.9	18.9	82.0	136.0	0.8	20.5	
4	925.7	17.8	90.0	999.9	999.9	999.9		4	936.0	18.3	86.0	999.9	999.9	999.9	
5	923.8	17.8	89.0	21.5	1.2	13.1		5	924.1	18.9	82.0	31.8	2.9	15.0	
6	937.4	16.7	9.0	288.7	1.2	14.1		6	938.0	17.2	0.0	170.3	0.6	16.3	
7	929.7	17.2	95.0	0.1	0.4	16.0		7	940.1	17.8	95.0	351.5	0.6	17.2	
8	946.2	18.3	96.0	231.2	0.3	15.3		8	946.5	18.3	95.0	186.9	0.4	17.3	
9	928.9	18.9	87.0	97.6	1.3	14.5		9	929.2	18.9	85.0	112.9	1.2	18.8	
10	951.6	21.7	93.0	132.8	1.2	17.7		10	952.3	23.3	88.0	114.2	1.4	22.1	

JUNE 25, 1977 900 CDT								JUNE 25, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	937.3	18.9	91.0	264.7	1.9	17.3		1	933.3	19.4	87.0	332.8	0.8	17.9	
2	921.1	10.4	74.0	999.9	999.9	999.9		2	920.8	18.9	79.0	999.9	999.9	999.9	
3	921.9	20.6	71.0	167.8	1.9	19.2		3	932.6	21.1	77.0	999.9	999.9	999.9	
4	926.3	17.4	95.0	999.9	999.9	999.9		4	936.7	22.2	67.0	999.9	999.9	999.9	
5	925.2	21.1	71.0	79.3	3.3	16.4		5	925.5	21.7	68.0	54.6	4.0	17.6	
6	938.0	18.9	0.0	709.8	0.6	19.6		6	938.4	22.2	61.0	299.2	1.1	21.7	
7	940.4	20.6	90.0	87.5	0.7	21.8		7	940.4	22.8	76.0	4.0	0.7	24.9	
8	946.8	18.9	97.0	708.2	0.2	21.1		8	947.2	22.8	73.0	19.4	1.2	22.4	
9	929.2	21.1	84.0	143.6	2.8	20.9		9	929.2	22.8	79.0	168.5	4.1	23.9	
10	952.3	24.1	73.0	191.1	3.1	25.5		10	951.9	27.8	66.0	195.0	4.8	27.0	

JUNE 25, 1977 1100 CDT								JUNE 25, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	933.6	21.7	75.0	197.6	1.2	21.2		1	933.6	24.4	55.0	153.3	1.7	26.6	
2	920.4	22.2	67.0	999.9	999.9	999.9		2	920.1	24.4	65.0	999.9	999.9	999.9	
3	922.7	21.1	70.0	48.7	2.3	19.6		3	932.3	22.8	68.0	28.5	1.9	23.2	
4	927.0	23.3	58.0	999.9	999.9	999.9		4	936.3	22.8	74.0	999.9	999.9	999.9	
5	925.8	25.0	60.0	99.0	3.5	21.2		5	925.8	26.1	60.0	153.3	3.1	23.7	
6	928.0	22.8	64.0	124.7	1.7	19.6		6	937.7	22.9	0.0	147.0	2.2	23.0	
7	940.4	23.7	77.0	5.6	1.4	23.2		7	939.7	26.7	67.0	108.0	2.3	28.6	
8	947.2	24.4	67.0	242.2	1.8	23.1		8	945.5	25.0	69.0	156.0	2.0	27.2	
9	929.2	25.0	67.0	196.0	2.0	25.3		9	928.9	26.7	56.0	184.6	1.9	27.6	
10	951.6	28.9	61.0	205.7	4.1	29.2		10	951.6	30.0	57.0	209.7	3.1	30.0	

JUNE 25, 1977  
1400 CDT

STAT NO.	PROG MR	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MR	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	077.0	55.6	52.0	254.8	2.4	27.5	922.3	26.1	50.0	240.7	2.9	28.8
I	2	019.4	25.6	64.0	999.9	999.9	099.9	914.7	25.6	61.0	999.5	999.9	999.9
I	3	531.9	25.5	60.0	31.3	1.6	26.6	931.3	27.2	57.0	62.4	1.6	29.7
I	4	075.7	27.9	56.0	197.1	2.7	23.1	974.3	28.9	51.0	187.6	2.3	30.2
I	5	025.4	28.2	53.0	167.1	3.5	25.5	925.5	29.4	48.0	209.1	3.1	28.4
I	6	077.0	26.1	55.0	155.1	2.7	27.1	936.0	28.3	0.0	152.4	2.4	28.4
I	7	039.4	29.3	60.0	94.1	2.1	29.9	928.7	30.6	54.0	123.4	2.4	32.0
I	8	045.4	27.2	59.0	18.5	1.5	27.9	945.5	28.9	60.0	17.4	2.5	31.2
I	9	028.6	27.9	51.0	165.2	1.9	29.1	927.9	29.4	42.0	175.8	2.0	30.6
I	10	050.4	31.1	52.0	153.5	2.9	31.5	949.9	32.2	46.0	154.6	2.5	32.7

JUNE 25, 1977  
1600 CDT

STAT NO.	PROG MR	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MR	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	031.0	27.2	49.0	270.4	2.3	28.8	930.9	28.3	47.0	286.3	1.7	29.9
I	2	018.1	29.2	53.0	999.9	999.9	099.9	916.7	28.9	50.0	999.9	999.9	999.9
I	3	070.9	29.2	53.0	175.4	1.2	32.0	929.6	29.4	48.0	287.3	1.6	31.9
I	4	077.6	30.0	49.0	140.6	3.0	31.2	933.0	30.6	49.0	245.9	1.3	31.6
I	5	025.3	31.1	42.0	213.5	3.2	30.1	924.1	32.2	38.0	239.3	2.6	30.2
I	6	035.7	29.4	55.0	105.3	2.5	30.7	934.3	30.6	55.0	135.7	5.0	27.0
I	7	037.7	31.1	50.0	189.0	3.1	29.1	937.0	21.7	76.0	96.3	2.8	21.4
I	8	044.1	30.6	54.0	123.1	1.9	32.3	943.5	31.7	50.0	168.0	4.3	20.0
I	9	027.7	30.4	41.0	194.7	2.9	30.5	925.2	31.7	39.0	220.8	4.3	32.1
I	10	040.2	32.8	43.0	160.8	3.0	32.6	947.2	32.8	45.0	166.0	4.4	32.0

JUNE 25, 1977  
1800 CDT

STAT NO.	PROG MR	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MR	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
I	1	029.9	28.9	49.0	270.1	2.4	30.4	929.6	29.4	49.0	268.1	2.4	30.1
I	2	015.0	28.9	44.0	999.9	999.9	099.9	915.3	29.9	50.0	999.9	999.9	999.9
I	3	020.2	30.0	45.0	265.2	2.6	32.7	928.6	26.7	58.0	162.2	5.5	28.1
I	4	032.6	28.0	74.0	145.0	5.1	24.2	932.3	24.4	86.0	165.4	2.9	23.4
I	5	023.5	32.8	37.0	217.8	3.4	27.9	922.8	31.1	29.0	118.2	4.7	27.1
I	6	034.0	29.9	69.0	101.9	3.8	21.4	924.3	22.8	52.0	70.1	2.7	20.0
I	7	025.7	21.7	95.0	79.6	3.1	20.4	937.0	23.3	82.0	123.8	2.2	24.0
I	8	043.1	23.0	90.0	121.2	3.0	21.5	942.6	23.3	88.0	314.2	1.5	21.5
I	9	024.5	22.9	75.0	309.5	11.3	20.2	924.8	21.1	78.0	31.2	3.2	18.5
I	10	047.5	25.6	63.0	312.7	13.9	23.8	948.9	19.4	93.0	90.2	2.9	18.0

JUNE 25, 1977  
2000 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MDI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	929.2	29.4	50.0	25.9	1.6	30.9	1	929.2	28.9	51.0	177.5	1.0	31.1
2	915.7	28.0	48.0	99.9	999.0	999.9	2	915.3	28.3	48.0	999.9	999.9	999.9
3	929.2	26.7	52.0	174.5	2.3	25.4	3	929.6	25.0	73.0	170.3	5.1	24.8
4	933.0	25.6	55.0	173.4	1.4	29.9	4	933.0	24.4	73.0	182.8	2.5	23.4
5	922.5	29.3	47.0	100.4	4.9	28.1	5	922.8	26.1	58.0	58.7	6.6	21.1
6	924.0	22.2	87.0	135.4	3.2	20.5	6	934.3	21.7	84.0	101.1	1.2	20.1
7	926.7	27.1	72.0	110.5	7.7	22.6	7	937.0	23.3	74.0	125.2	2.6	22.8
8	942.9	27.0	78.0	140.9	2.8	21.1	8	942.8	23.9	76.0	130.8	1.3	21.0
9	924.5	21.7	87.0	93.4	7.3	21.1	9	925.2	23.3	75.0	22.3	3.9	15.6
10	940.9	10.4	92.0	164.5	5.4	17.1	10	948.9	20.0	90.0	191.1	5.1	17.8

JUNE 25, 1977  
2200 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MDI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	926.2	25.0	77.0	100.4	1.9	24.6	1	929.6	23.3	78.0	203.2	1.9	21.8
2	915.7	24.4	67.0	99.9	999.9	999.9	2	915.4	22.8	70.0	999.9	999.9	999.9
3	928.6	22.8	91.0	143.0	1.5	21.2	3	923.9	22.2	82.0	144.4	1.7	19.8
4	927.3	27.3	70.0	149.9	3.1	23.3	4	922.5	21.1	80.0	197.1	5.2	19.5
5	922.5	27.9	74.0	121.4	4.3	19.3	5	932.8	22.8	72.0	125.8	4.1	17.3
6	924.7	21.7	84.0	179.7	2.7	18.0	6	935.0	20.0	90.0	158.6	4.5	16.6
7	927.0	20.0	91.0	152.0	4.9	19.8	7	927.4	19.4	92.0	174.5	3.2	18.0
8	943.1	23.7	76.0	170.7	4.1	19.5	8	943.8	21.7	80.0	162.5	3.5	17.1
9	925.5	20.6	84.0	25.8	2.1	15.0	9	926.9	18.9	93.0	118.5	4.2	13.5
10	944.5	20.6	90.0	252.3	2.8	17.8	10	950.2	20.0	89.0	224.9	7.5	17.6

JUNE 25, 1977  
2400 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MDI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	910.2	22.2	75.0	189.2	2.8	20.8	1	910.2	21.1	85.0	170.1	1.6	20.0
2	917.0	22.3	75.0	99.9	999.9	999.9	2	917.0	20.6	82.0	999.9	999.9	999.9
3	920.2	21.1	92.0	162.4	1.3	19.3	3	929.6	20.6	86.0	214.0	0.5	17.9
4	931.4	20.6	95.0	146.6	4.7	18.8	4	934.0	19.4	90.0	187.0	3.2	17.9
5	922.5	21.7	90.0	145.2	5.8	17.0	5	922.8	20.6	84.0	148.1	7.5	15.0
6	925.0	19.3	93.0	183.5	2.2	16.7	6	934.6	18.9	93.0	198.7	4.7	16.7
7	937.0	19.4	89.0	191.5	4.5	17.4	7	937.0	19.4	93.0	205.6	5.2	17.9
8	943.9	21.1	85.0	169.6	3.7	15.9	8	944.1	20.6	89.0	149.5	3.8	16.6
9	924.0	17.2	93.0	112.6	4.7	13.0	9	928.6	17.2	93.0	311.5	2.8	15.0
10	949.0	20.0	85.0	205.0	8.5	18.5	10	948.5	20.6	84.0	159.0	11.0	20.0

JUNE 26, 1977 100 CDT								JUNE 26, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	920.4	20.0	90.0	154.5	1.2	19.4		1	930.6	20.0	90.0	181.3	2.6	18.8	
2	917.4	20.5	84.0	999.9	999.9	999.9		2	917.4	20.0	83.0	999.9	999.9	999.9	
3	929.6	20.6	84.0	215.2	2.7	17.8		3	929.6	20.6	79.0	183.8	3.1	18.6	
4	933.6	18.9	84.0	181.4	5.6	17.4		4	933.3	19.4	85.0	205.0	5.2	18.0	
5	927.8	20.0	90.0	149.5	9.9	14.8		5	922.5	20.0	80.0	143.2	7.1	15.3	
6	935.7	19.4	87.0	177.1	3.7	17.0		6	935.3	19.4	90.0	190.8	5.4	17.0	
7	937.4	19.4	89.0	167.1	3.3	17.4		7	937.4	20.0	88.0	192.4	4.5	17.2	
8	944.1	20.0	91.0	178.9	5.3	17.8		8	943.5	21.1	83.0	181.4	2.6	16.7	
9	927.9	17.8	87.0	143.3	3.8	15.6		9	928.6	18.3	87.0	304.3	1.9	16.1	
10	948.5	21.1	78.0	182.6	6.6	19.4		10	949.2	22.2	73.0	231.0	3.9	20.7	

JUNE 26, 1977 300 CDT								JUNE 26, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	930.6	18.9	91.0	224.4	1.8	18.2		1	929.9	18.9	87.0	269.5	2.6	18.4	
2	917.0	20.0	73.0	999.9	999.9	999.9		2	916.7	19.4	74.0	999.9	999.9	999.9	
3	929.2	20.6	71.0	204.4	3.0	18.2		3	928.6	20.6	71.0	216.7	3.8	18.5	
4	932.5	18.9	87.0	225.1	3.4	17.1		4	932.3	18.3	90.0	210.6	0.6	16.7	
5	921.8	20.0	78.0	177.6	3.3	14.8		5	921.4	19.4	79.0	193.4	2.9	14.4	
6	934.6	18.9	83.0	205.9	4.5	16.6		6	934.0	18.9	83.0	198.4	3.0	16.3	
7	934.7	18.9	84.0	195.6	7.6	18.1		7	936.0	19.4	80.0	209.6	2.5	17.5	
8	943.1	20.0	91.0	215.4	2.8	15.6		8	942.4	20.6	88.0	201.8	2.2	17.2	
9	926.2	18.3	87.0	170.7	4.7	15.7		9	925.8	20.0	68.0	173.4	1.6	16.1	
10	947.2	21.3	65.0	202.5	9.5	22.2		10	945.8	23.3	56.0	212.4	4.9	22.5	

JUNE 26, 1977 500 CDT								JUNE 26, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	920.9	18.9	90.0	218.5	1.2	17.8		1	929.9	18.9	81.0	321.8	1.4	17.8	
2	918.4	18.9	81.0	999.9	999.9	999.9		2	916.4	18.9	81.0	999.9	999.9	999.9	
3	928.6	21.1	65.0	234.3	2.6	19.4		3	928.6	21.1	65.0	229.7	3.1	18.8	
4	932.3	17.8	91.0	235.9	1.3	16.4		4	932.6	17.2	91.0	245.3	1.8	16.4	
5	921.1	19.4	79.0	197.1	3.2	14.0		5	921.1	19.4	79.0	196.0	3.9	14.1	
6	934.0	18.3	85.0	228.2	1.3	15.6		6	934.3	17.8	87.0	296.2	1.1	15.2	
7	934.0	18.9	80.0	222.1	1.7	16.2		7	936.0	18.3	83.0	318.2	0.5	16.0	
8	942.4	21.1	92.0	249.0	0.5	15.9		8	942.8	19.4	92.0	242.3	0.8	15.0	
9	925.8	18.3	80.0	158.3	1.1	15.5		9	925.8	17.8	82.0	186.9	1.9	15.6	
10	946.5	22.2	69.0	256.0	2.0	21.0		10	946.8	22.8	80.0	224.8	1.2	20.9	



JUNE 26, 1977 700 CDT							JUNE 26, 1977 800 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	920.0	18.3	92.0	245.9	1.4	18.1	1	930.2	19.4	80.0	223.2	2.7	21.5
2	916.7	18.3	84.0	999.9	999.9	999.9	2	916.7	19.4	83.0	999.9	999.9	999.9
3	928.9	21.1	56.0	226.4	2.6	19.1	3	929.2	21.7	68.0	216.1	2.7	21.1
4	937.0	17.2	91.0	224.7	1.1	15.5	4	933.6	19.4	83.0	222.5	1.6	20.2
5	921.1	19.4	80.0	205.0	3.7	14.5	5	920.8	20.6	79.0	150.3	5.0	16.7
6	974.6	16.7	95.0	174.4	0.7	15.3	6	931.6	17.2	94.0	173.9	0.9	18.8
7	976.7	17.2	91.0	228.6	0.2	15.4	7	936.7	18.9	89.0	196.2	1.0	19.4
8	947.1	18.2	92.0	184.3	0.1	14.7	8	943.5	17.8	98.0	92.1	0.3	19.3
9	925.9	17.9	92.0	185.5	2.3	16.7	9	925.8	17.8	84.0	189.1	2.9	17.2
10	947.5	22.2	79.0	182.2	7.0	21.5	10	947.9	23.3	76.0	175.5	2.0	23.2

JUNE 26, 1977 900 CDT							JUNE 26, 1977 1000 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.2	22.2	64.0	227.7	7.8	23.7	1	930.2	24.4	60.0	232.8	4.8	25.5
2	916.7	21.7	71.0	999.9	999.9	999.9	2	916.7	23.9	61.0	999.9	999.9	999.9
3	920.2	23.9	64.0	197.2	4.1	22.9	3	929.6	25.6	58.0	212.6	3.2	25.5
4	937.6	22.8	69.0	208.5	7.5	24.2	4	933.6	24.4	66.0	202.8	5.2	24.7
5	920.4	22.8	74.0	194.6	5.8	19.3	5	920.8	25.6	59.0	209.5	4.6	23.2
6	975.0	20.6	91.0	177.8	2.6	21.8	6	935.0	23.3	74.0	190.9	4.0	23.8
7	937.0	23.3	79.0	190.1	3.0	23.3	7	937.0	25.0	69.0	195.8	3.6	26.2
8	947.5	20.6	94.0	175.4	2.0	22.0	8	943.5	23.3	74.0	173.9	3.4	24.2
9	926.2	20.6	84.0	210.9	3.7	20.0	9	926.5	21.7	70.0	211.6	4.6	22.9
10	949.2	25.0	72.0	193.1	3.4	25.0	10	949.2	26.1	67.0	210.6	2.8	26.5

JUNE 26, 1977 1100 CDT							JUNE 26, 1977 1200 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.2	24.1	57.0	210.0	3.4	27.7	1	929.9	27.8	53.0	232.9	2.9	30.2
2	916.7	26.1	49.0	999.9	999.9	999.9	2	916.4	28.3	42.0	999.9	999.9	999.9
3	920.6	27.2	53.0	217.1	2.9	27.4	3	929.2	29.3	49.0	196.6	3.0	29.3
4	933.6	26.1	51.0	215.8	4.3	25.0	4	933.3	27.8	56.0	232.1	4.0	29.2
5	920.4	28.3	47.0	201.1	3.7	26.6	5	920.4	30.6	40.0	181.6	3.0	29.7
6	975.0	25.0	67.0	211.1	4.1	25.4	6	935.0	26.7	63.0	210.3	3.9	27.3
7	937.0	28.3	56.0	207.2	4.5	22.3	7	937.0	30.0	49.0	203.8	3.3	31.1
8	943.5	26.1	70.0	183.1	3.5	26.6	8	943.5	27.8	62.0	197.9	3.3	29.2
9	926.2	24.4	59.0	219.4	4.8	25.6	9	925.8	28.3	51.0	194.0	4.5	28.2
10	949.5	27.8	63.0	186.5	3.2	28.1	10	949.5	30.0	53.0	203.5	3.5	30.1

JUNE 26, 1977 1700 CDT								JUNE 26, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	029.9	29.4	42.0	234.2	2.0	31.9		1	929.2	30.6	45.0	146.5	2.2	33.3	
2	016.0	30.6	38.0	069.9	999.9	999.9		2	915.7	32.8	32.0	196.9	3.4	33.6	
3	028.9	30.0	45.0	179.2	1.9	31.1		3	928.2	31.7	35.0	221.1	2.2	33.6	
4	032.5	29.4	49.0	229.8	3.1	30.8		4	932.3	30.6	44.0	161.9	2.6	32.3	
5	020.4	32.9	35.0	107.0	2.3	34.0		5	920.1	33.9	34.0	168.9	4.1	34.2	
6	034.3	28.3	54.0	227.0	2.8	29.7		6	934.0	30.0	50.0	199.4	2.6	31.6	
7	036.7	31.7	45.0	181.3	2.6	33.3		7	936.0	32.8	42.0	201.0	2.1	35.6	
8	043.1	30.0	57.0	195.9	2.3	31.4		8	942.8	31.7	46.0	147.8	2.4	33.1	
9	025.5	30.0	45.0	190.0	3.1	29.5		9	925.2	31.7	43.0	159.1	2.5	32.4	
10	047.9	31.1	50.0	177.3	3.5	31.6		10	947.2	32.8	46.0	163.7	3.2	33.2	

JUNE 26, 1977 1500 CDT								JUNE 26, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	029.6	31.7	43.0	160.9	2.3	34.2		1	927.9	32.2	41.0	161.5	2.9	34.4	
2	016.7	32.9	29.0	180.0	5.6	33.9		2	914.3	33.9	28.0	180.0	3.8	35.0	
3	027.9	32.3	32.0	176.8	2.7	34.1		3	926.9	33.9	27.0	190.9	3.6	36.7	
4	031.6	32.2	41.0	188.3	2.8	32.8		4	930.6	33.3	36.0	168.9	3.8	999.9	
5	020.1	35.0	31.0	142.1	5.2	34.5		5	919.4	35.0	31.0	146.4	5.5	34.7	
6	033.7	31.7	45.0	175.0	3.4	32.6		6	932.3	32.8	41.0	191.2	3.3	34.3	
7	035.7	32.9	37.0	170.9	2.4	36.4		7	935.0	35.0	30.0	174.9	2.9	37.2	
8	041.8	32.3	40.0	136.6	2.6	33.9		8	941.1	35.0	39.0	134.6	3.1	34.3	
9	024.5	32.2	39.0	161.3	3.0	32.9		9	923.8	33.3	37.0	8.0	2.5	33.2	
10	046.8	33.3	44.0	143.1	2.6	34.5		10	946.2	34.4	38.0	177.8	2.5	35.4	

JUNE 26, 1977 1700 CDT								JUNE 26, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	027.2	32.8	38.0	199.8	3.0	34.4		1	925.5	32.8	35.0	181.8	3.6	34.4	
2	013.7	32.3	30.0	159.4	3.6	33.4		2	913.0	33.3	30.0	156.2	5.4	32.5	
3	026.5	34.4	25.0	195.1	3.7	35.8		3	925.8	34.4	27.0	174.7	3.5	36.3	
4	029.9	32.9	34.0	177.2	4.1	999.9		4	929.9	33.9	31.0	170.3	4.5	999.9	
5	018.4	32.0	32.0	160.4	6.1	31.7		5	917.7	32.2	40.0	173.6	5.6	31.2	
6	033.4	32.9	35.0	181.4	3.9	34.8		6	931.3	33.9	33.0	182.5	3.5	34.3	
7	034.3	35.6	29.0	175.2	3.4	35.9		7	933.6	36.1	28.0	159.3	3.1	34.6	
8	040.4	35.6	35.0	151.2	3.1	35.1		8	940.1	36.1	26.0	127.8	3.9	34.8	
9	023.9	32.2	40.0	11.3	1.9	30.7		9	922.8	32.8	39.0	6.7	3.4	31.7	
10	045.5	35.0	34.0	164.4	3.0	35.8		10	944.8	33.9	39.0	176.3	2.9	33.7	

JUNE 26, 1977 1900 CDT								JUNE 26, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	924.2	32.9	34.0	174.1	3.4	33.9		1	925.8	31.7	40.0	174.2	2.6	32.3	
2	912.6	32.2	32.0	161.0	6.2	32.2		2	913.0	31.1	34.0	159.9	4.7	30.9	
3	925.5	34.4	31.0	155.6	4.3	35.1		3	925.5	32.2	36.0	179.8	4.0	33.3	
4	929.6	33.9	36.0	174.5	4.2	999.9		4	929.6	31.7	42.0	160.1	4.5	30.9	
5	917.7	32.7	34.0	176.6	6.1	31.9		5	917.7	32.8	38.0	200.8	6.9	28.8	
6	920.9	32.9	37.0	177.5	3.5	33.4		6	930.9	32.8	39.0	168.9	2.7	31.1	
7	932.6	32.3	39.0	152.6	1.8	32.3		7	933.6	32.8	43.0	155.8	1.7	33.6	
8	940.1	35.6	35.0	129.4	4.2	33.3		8	940.1	35.0	38.0	145.1	2.9	32.3	
9	922.8	31.7	52.0	358.8	5.9	25.9		9	923.1	27.2	61.0	3.5	3.1	24.2	
10	944.1	34.4	44.0	173.5	3.4	34.3		10	944.1	31.7	54.0	182.9	1.8	31.7	

JUNE 26, 1977 2100 CDT								JUNE 26, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	924.2	29.3	50.0	185.5	1.9	27.4		1	926.9	26.7	54.0	165.3	1.6	25.6	
2	912.7	29.3	43.0	195.9	5.8	27.0		2	913.6	25.6	47.0	195.4	4.6	24.3	
3	925.5	30.0	46.0	179.3	2.5	30.9		3	926.2	28.3	54.0	183.9	3.7	29.1	
4	920.2	29.3	52.0	149.5	3.0	29.2		4	930.9	27.2	59.0	179.2	3.8	26.7	
5	917.4	28.9	45.0	227.4	5.4	25.5		5	917.0	25.6	56.0	236.2	2.9	24.0	
6	921.3	30.6	57.0	194.9	5.9	25.9		6	931.6	28.3	68.0	190.7	1.2	23.7	
7	933.6	31.7	49.0	203.2	2.0	29.9		7	934.0	27.2	60.0	130.3	1.5	25.7	
8	940.1	33.9	42.0	150.9	2.4	29.3		8	940.7	31.1	57.0	216.7	2.5	26.4	
9	922.1	26.1	62.0	1.8	2.6	23.3		9	923.5	25.6	71.0	2.5	3.6	23.0	
10	944.1	30.0	59.0	207.1	4.0	29.2		10	944.5	29.4	64.0	192.0	4.2	28.1	

JUNE 26, 1977 2300 CDT								JUNE 26, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	25.6	62.0	164.6	1.8	23.0		1	927.5	24.4	70.0	190.3	1.7	23.4	
2	914.0	24.4	49.0	215.6	2.6	23.5		2	914.0	22.8	58.0	188.3	2.2	20.9	
3	926.5	26.1	62.0	187.5	2.3	25.3		3	925.9	24.4	68.0	189.4	2.9	24.2	
4	920.9	25.6	72.0	140.1	2.4	24.4		4	930.9	25.6	71.0	170.2	5.3	24.4	
5	917.0	23.9	65.0	205.9	2.2	22.6		5	917.0	23.9	68.0	193.6	2.7	21.8	
6	932.3	24.4	79.0	164.8	2.7	22.6		6	932.3	23.3	83.0	168.9	3.0	21.6	
7	924.6	26.1	71.0	156.3	1.4	25.1		7	935.0	25.0	77.0	156.7	1.1	24.3	
8	941.1	29.4	62.0	155.3	0.4	24.0		8	941.1	27.2	81.0	155.5	2.8	23.7	
9	922.8	26.1	71.0	3.6	3.8	23.1		9	923.8	25.6	74.0	2.6	3.5	21.9	
10	945.1	29.3	70.0	185.9	4.1	27.2		10	945.8	27.2	74.0	189.4	4.0	26.5	

JUNE 27, 1977 100 CDT								JUNE 27, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.9	23.3	73.0	219.3	2.0	22.3		1	927.5	21.7	81.0	155.2	1.9	20.2	
2	914.3	22.2	67.0	156.2	2.7	20.9		2	914.3	21.7	75.0	172.6	1.8	19.5	
3	926.9	24.4	74.0	182.8	1.9	23.9		3	926.9	23.9	79.0	177.3	2.9	23.1	
4	930.9	25.6	71.0	180.9	5.7	24.7		4	930.9	25.0	74.0	188.8	4.5	23.5	
5	916.7	23.9	63.0	197.1	4.2	21.8		5	916.7	23.9	72.0	196.4	4.2	21.9	
6	932.3	23.3	90.0	157.4	2.7	20.6		6	932.3	22.2	91.0	159.9	2.7	20.2	
7	935.0	24.4	90.0	172.1	2.1	24.3		7	934.6	23.9	80.0	156.4	2.3	23.4	
8	941.1	27.2	78.0	169.4	1.6	22.8		8	941.1	26.1	81.0	160.9	1.8	21.8	
9	923.8	24.4	90.0	1.7	3.2	21.0		9	923.8	23.3	83.0	2.8	2.2	19.7	
10	946.2	25.6	90.0	131.3	2.8	24.9		10	946.5	25.0	81.0	151.0	2.6	24.2	

JUNE 27, 1977 300 CDT								JUNE 27, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	21.7	82.0	152.5	2.4	20.3		1	927.5	21.1	87.0	160.5	1.7	19.8	
2	914.3	21.7	77.0	173.0	2.4	19.9		2	914.3	21.1	79.0	151.8	2.8	19.3	
3	926.5	23.3	79.0	183.5	2.9	22.5		3	925.5	22.8	84.0	189.3	2.6	22.0	
4	930.9	23.8	94.0	199.7	2.7	20.9		4	930.9	22.2	86.0	183.0	3.6	20.5	
5	916.0	23.8	75.0	190.8	4.2	21.3		5	916.0	22.8	75.0	186.1	4.4	20.9	
6	932.3	21.7	90.0	159.5	1.0	19.5		6	932.3	21.1	95.0	136.9	2.4	18.5	
7	934.3	23.3	91.0	155.7	2.3	22.5		7	934.6	22.8	83.0	135.1	0.8	20.6	
8	941.1	25.0	83.0	143.1	1.7	20.2		8	941.1	24.4	90.0	150.1	1.7	20.3	
9	923.8	22.2	84.0	6.7	1.7	13.8		9	923.5	21.7	87.0	11.0	1.8	18.1	
10	946.2	25.0	91.0	155.8	2.1	23.8		10	946.2	24.4	80.0	158.9	2.9	23.3	

JUNE 27, 1977 500 CDT								JUNE 27, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	21.7	95.0	130.7	1.8	19.6		1	927.9	21.7	81.0	191.5	2.5	20.5	
2	914.3	20.6	81.0	165.0	3.2	19.8		2	914.3	19.4	85.0	171.2	1.4	17.5	
3	926.5	21.7	85.0	173.2	1.9	21.0		3	926.5	21.1	84.0	176.1	1.8	20.1	
4	930.9	21.7	96.0	181.1	3.9	19.8		4	930.9	21.1	88.0	185.6	3.3	19.7	
5	915.7	21.7	79.0	177.9	3.5	19.7		5	915.7	21.1	82.0	183.6	4.1	19.0	
6	932.3	20.0	95.0	152.0	2.4	19.1		6	932.3	20.0	94.0	139.5	1.2	17.5	
7	934.3	21.7	98.0	159.1	1.3	20.2		7	934.3	21.1	89.0	167.7	1.7	20.0	
8	941.1	23.9	90.0	149.3	1.3	19.6		8	941.1	22.8	93.0	156.7	2.1	18.4	
9	923.5	20.6	89.0	1.7	2.0	19.7		9	923.8	20.6	88.0	165.4	2.2	17.7	
10	945.8	23.3	87.0	187.0	1.3	21.9		10	946.2	22.8	86.0	119.5	1.7	22.1	

JUNE 27, 1977 700 CDT								JUNE 27, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.0	21.7	87.0	221.1	2.6	20.3		1	927.9	21.7	81.0	196.4	4.7	21.8	
2	914.7	19.4	88.0	154.0	2.6	15.9		2	914.7	20.6	80.0	193.4	3.4	18.8	
3	926.9	22.2	74.0	194.2	2.8	20.7		3	926.9	22.8	70.0	184.0	3.8	22.5	
4	930.9	20.6	90.0	182.6	3.5	18.9		4	931.3	21.1	85.0	207.4	3.9	20.4	
5	915.7	20.6	97.0	190.0	4.4	19.5		5	916.0	21.1	82.0	194.4	4.8	20.0	
6	932.3	19.4	97.0	163.2	2.6	17.7		6	932.3	19.4	89.0	195.5	3.6	20.0	
7	934.6	21.1	85.0	171.9	1.0	19.9		7	935.0	21.7	85.0	179.0	4.3	22.7	
8	941.1	21.7	95.0	159.0	1.5	19.3		8	941.4	21.7	95.0	153.1	3.0	21.1	
9	927.8	20.0	89.0	175.9	3.1	17.3		9	924.1	20.0	87.0	174.9	3.8	19.8	
10	946.5	23.3	87.0	178.0	3.6	22.2		10	946.8	23.9	83.0	168.2	2.8	23.1	

JUNE 27, 1977 900 CDT								JUNE 27, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.2	27.9	77.0	207.3	4.4	24.8		1	928.2	25.6	63.0	189.7	2.9	27.4	
2	915.0	27.3	67.0	189.1	4.5	21.7		2	915.3	25.6	55.0	199.5	4.7	25.1	
3	927.2	24.4	62.0	195.2	5.2	24.3		3	927.5	26.1	56.0	200.0	3.5	26.7	
4	931.6	27.0	71.0	192.8	6.7	23.6		4	931.6	25.6	67.0	190.1	5.5	25.7	
5	917.0	27.3	75.0	202.4	6.1	23.1		5	917.7	26.1	60.0	202.5	5.9	26.1	
6	937.0	21.7	78.0	173.4	2.7	23.7		6	933.3	24.4	69.0	189.5	3.8	25.5	
7	935.0	27.9	75.0	197.7	4.8	23.5		7	935.3	26.1	67.0	192.9	4.6	28.2	
8	941.8	27.3	83.0	179.6	3.8	24.3		8	941.8	25.0	76.0	176.9	4.0	26.8	
9	924.5	21.7	79.0	183.7	4.9	22.1		9	924.5	23.9	70.0	187.0	5.2	24.6	
10	947.2	25.6	77.0	193.3	3.9	23.0		10	945.8	27.2	67.0	195.8	3.8	27.3	

JUNE 27, 1977 1100 CDT								JUNE 27, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.2	27.8	53.0	202.2	3.5	29.4		1	927.9	29.4	50.0	209.6	3.7	31.2	
2	915.3	29.3	46.0	207.2	4.0	27.7		2	915.0	30.6	39.0	202.4	2.9	31.8	
3	927.2	29.3	50.0	209.5	3.9	29.4		3	927.2	30.0	46.0	215.2	3.6	31.2	
4	931.3	27.8	60.0	192.0	5.3	23.2		4	931.3	29.4	54.0	191.2	5.0	30.6	
5	918.1	28.0	50.0	204.3	5.3	23.3		5	918.4	31.1	41.0	203.3	4.3	31.5	
6	937.7	26.7	57.0	186.7	3.5	27.5		6	933.0	28.9	57.0	202.5	4.0	29.2	
7	935.3	29.0	61.0	191.6	3.6	31.4		7	935.3	31.1	52.0	196.3	4.1	32.8	
8	941.8	27.8	65.0	180.7	3.5	23.2		8	941.4	29.4	57.0	171.5	3.8	31.4	
9	924.1	25.7	62.0	195.4	5.1	27.0		9	923.8	28.3	53.0	200.0	5.4	30.0	
10	946.5	29.4	57.0	203.1	4.3	23.8		10	946.2	31.7	47.0	196.3	4.5	31.8	

JUNE 27, 1977 1300 CDT								JUNE 27, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	027.5	31.1	45.0	215.2	3.0	33.1		1	927.2	32.8	42.0	172.3	3.1	33.3	
2	014.7	32.9	35.0	200.4	3.5	33.5		2	914.0	34.4	29.0	177.9	4.0	34.7	
3	026.0	31.7	40.0	212.4	3.0	33.4		3	925.5	33.3	35.0	180.0	3.7	34.6	
4	030.0	31.1	48.0	185.5	4.9	32.2		4	930.5	32.8	45.0	192.0	4.1	999.9	
5	018.7	33.3	36.0	175.2	4.2	34.4		5	919.1	35.0	32.0	166.7	5.1	35.0	
6	022.6	30.0	54.0	193.1	3.9	30.9		6	932.6	31.7	49.0	186.5	3.1	32.6	
7	035.0	33.3	44.0	195.0	4.4	34.3		7	934.6	34.4	37.0	172.0	3.7	35.7	
8	041.1	32.9	50.0	175.4	3.7	33.3		8	940.7	35.6	36.0	155.9	3.7	34.9	
9	023.8	31.1	43.0	190.0	5.4	31.7		9	923.5	32.8	40.0	208.0	4.5	32.8	
10	045.8	32.8	43.0	200.0	5.0	33.5		10	945.5	33.9	42.0	181.5	4.9	34.4	

JUNE 27, 1977 1500 CDT								JUNE 27, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	026.0	33.9	40.0	187.5	3.5	35.0		1	926.2	34.4	34.0	178.9	4.3	36.1	
2	013.3	35.0	23.0	164.2	4.1	35.0		2	912.6	35.6	22.0	177.6	4.7	36.5	
3	026.2	35.0	33.0	190.0	3.9	35.9		3	925.5	35.6	30.0	166.2	4.2	36.4	
4	020.2	34.4	38.0	183.3	4.8	999.9		4	929.2	35.0	36.0	191.8	4.3	999.9	
5	013.7	35.6	29.0	181.9	5.1	35.9		5	918.4	36.7	26.0	166.9	5.5	35.5	
6	032.3	33.3	44.0	175.7	3.5	33.7		6	931.6	34.4	41.0	175.6	3.6	34.9	
7	034.0	36.7	33.0	169.5	3.8	37.1		7	933.6	37.2	31.0	158.4	4.1	37.5	
8	040.4	36.7	32.0	156.0	3.8	36.1		8	940.1	37.2	31.0	165.2	4.2	37.1	
9	023.1	33.3	39.0	185.0	4.5	34.4		9	922.5	34.4	35.0	177.0	4.5	34.4	
10	044.8	35.0	37.0	200.4	4.8	35.5		10	944.5	35.6	33.0	173.9	4.3	36.4	

JUNE 27, 1977 1700 CDT								JUNE 27, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	025.8	35.0	33.0	168.2	4.7	36.1		1	925.5	35.0	33.0	181.3	4.7	36.1	
2	012.0	35.0	20.0	160.9	4.7	36.3		2	911.6	32.2	30.0	161.1	3.6	32.8	
3	025.0	34.1	29.0	160.1	4.8	36.9		3	924.8	36.1	20.0	151.2	4.2	37.1	
4	028.9	35.6	33.0	175.4	5.0	999.9		4	928.0	35.6	35.0	162.3	5.8	999.9	
5	017.7	35.6	29.0	162.9	6.4	33.7		5	917.4	34.4	31.0	159.9	5.9	32.3	
6	030.0	35.0	39.0	161.1	4.4	35.0		6	930.6	35.0	35.0	172.7	3.6	34.9	
7	033.4	37.8	29.0	153.5	4.0	38.3		7	933.0	37.8	27.0	174.2	4.3	38.1	
8	030.4	37.2	30.0	140.0	5.3	35.2		8	939.0	37.2	29.0	144.0	4.7	35.7	
9	022.1	35.0	34.0	190.0	4.0	34.4		9	921.8	34.4	35.0	173.0	3.4	33.6	
10	043.8	35.1	32.0	180.2	4.4	36.6		10	943.5	36.1	29.0	168.8	4.8	36.7	

JUNE 27, 1977 1900 CDT								JUNE 27, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.2	37.0	35.0	154.0	3.3	33.2		1	925.5	32.2	42.0	178.5	2.5	30.8	
2	912.0	29.3	52.0	156.8	3.4	29.4		2	913.0	27.8	52.0	146.5	2.3	28.5	
3	924.8	33.0	35.0	157.8	2.9	34.0		3	925.5	32.2	38.0	181.9	1.7	31.9	
4	922.2	35.0	35.0	159.6	5.9	999.9		4	929.6	33.3	40.0	158.0	4.1	32.1	
5	917.0	33.9	33.0	159.8	5.5	31.6		5	917.7	32.8	36.0	149.8	4.0	30.0	
6	930.2	35.0	49.0	176.3	1.6	30.3		6	930.2	31.1	60.0	142.4	2.5	29.0	
7	933.0	35.6	30.0	166.4	2.5	34.2		7	933.3	34.4	35.0	154.0	2.4	33.4	
8	935.0	35.6	30.0	137.9	4.0	33.5		8	939.4	33.9	37.0	144.6	1.8	30.9	
9	921.8	33.3	43.0	176.3	2.6	31.8		9	922.5	31.7	50.0	176.0	2.2	29.8	
10	943.5	34.1	30.0	177.6	4.0	35.5		10	944.1	33.3	39.0	209.9	2.3	32.6	

JUNE 27, 1977 2100 CDT								JUNE 27, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	925.5	29.4	49.0	233.6	2.2	29.2		1	925.5	27.8	55.0	220.0	1.9	26.1	
2	914.0	28.9	30.0	239.5	3.2	29.9		2	914.3	29.3	28.0	281.2	8.6	29.2	
3	925.5	31.7	43.0	183.3	3.7	31.4		3	925.2	31.1	48.0	202.9	3.1	30.2	
4	925.9	30.6	49.0	150.9	3.6	29.5		4	930.6	28.9	55.0	190.3	2.6	27.8	
5	917.7	31.7	39.0	153.6	3.2	29.3		5	917.7	30.0	45.0	140.3	2.3	27.9	
6	930.9	30.6	53.0	165.7	2.0	26.3		6	931.3	27.2	69.0	164.5	2.0	25.2	
7	933.6	32.2	42.0	152.5	2.1	30.1		7	934.0	30.6	48.0	165.6	2.6	29.4	
8	939.4	31.7	46.0	156.7	2.4	23.6		8	939.7	31.1	46.0	160.4	2.7	28.2	
9	922.8	30.0	55.0	172.3	2.4	27.4		9	923.1	28.3	59.0	167.1	3.8	25.5	
10	944.5	30.6	55.0	169.8	2.5	30.3		10	944.8	30.6	52.0	162.5	2.6	29.8	

JUNE 27, 1977 2300 CDT								JUNE 27, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	924.2	27.8	53.0	182.9	2.3	24.8		1	925.9	26.7	62.0	247.1	1.4	25.0	
2	915.0	27.8	35.0	192.3	5.2	27.3		2	913.0	28.3	27.0	180.8	3.3	29.9	
3	926.5	31.1	43.0	209.0	4.4	30.7		3	925.8	30.6	49.0	183.1	7.4	29.8	
4	930.9	27.8	60.0	178.9	2.8	26.6		4	930.9	26.1	67.0	173.7	4.0	25.7	
5	919.1	30.0	40.0	292.1	2.4	29.2		5	917.4	28.3	51.0	213.6	6.2	26.0	
6	931.9	26.7	72.0	192.4	2.4	24.4		6	932.3	26.1	70.0	189.9	5.5	25.0	
7	934.6	30.0	42.0	173.3	3.0	23.7		7	935.0	29.4	50.0	190.9	4.7	28.2	
8	940.4	28.9	60.0	147.7	1.6	25.1		8	940.7	27.8	68.0	165.9	2.2	24.9	
9	922.9	27.9	59.0	167.1	4.8	25.0		9	924.1	26.7	60.0	185.3	4.7	23.8	
10	945.9	29.9	53.0	130.4	3.5	28.8		10	946.2	28.9	54.0	201.0	4.1	27.1	

***** JUNE 28, 1977 100 CDT *****								***** JUNE 28, 1977 200 CDT *****							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.2	24.1	61.0	141.3	2.7	25.1		1	927.2	26.7	60.0	204.4	4.8	25.7	
2	914.7	24.1	54.0	174.4	6.6	25.8		2	914.7	24.4	59.0	177.5	5.0	23.9	
3	926.2	24.4	52.0	183.9	6.1	29.1		3	926.9	27.8	52.0	198.5	4.3	27.5	
4	970.9	24.1	55.0	184.2	4.2	25.6		4	931.3	25.6	66.0	179.9	5.6	24.3	
5	917.4	24.7	55.0	183.0	5.6	25.6		5	917.4	26.1	51.0	185.8	6.7	24.5	
6	932.3	24.7	65.0	173.3	4.3	24.4		6	932.3	25.6	64.0	180.3	3.7	23.2	
7	975.0	24.3	51.0	179.3	3.4	25.7		7	934.3	27.2	51.0	159.0	6.5	25.8	
8	941.1	27.8	64.0	151.7	3.1	25.1		8	941.1	27.2	64.0	148.3	2.7	23.5	
9	924.1	25.0	52.0	185.3	3.5	22.3		9	923.5	23.9	65.0	176.3	4.6	21.6	
10	946.5	27.2	54.0	130.5	2.6	26.0		10	946.5	26.1	59.0	115.3	2.3	24.6	

***** JUNE 28, 1977 300 CDT *****								***** JUNE 28, 1977 400 CDT *****							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	24.1	58.0	207.5	4.8	24.4		1	927.5	24.4	62.0	202.9	3.2	23.8	
2	914.7	27.8	61.0	174.4	2.9	22.3		2	914.7	22.2	62.0	167.4	2.2	21.0	
3	927.2	24.7	52.0	190.2	4.3	25.3		3	926.9	25.6	61.0	183.1	2.5	24.1	
4	971.3	24.0	68.0	209.6	2.9	23.2		4	931.3	22.8	78.0	189.7	3.1	21.9	
5	917.0	24.6	43.0	189.5	4.0	22.6		5	916.7	23.3	55.0	170.2	2.7	21.2	
6	932.6	24.4	63.0	149.9	2.1	21.2		6	932.6	22.8	74.0	179.9	2.2	20.7	
7	975.0	24.1	55.0	211.4	4.7	24.8		7	935.0	25.0	60.0	168.8	3.5	23.8	
8	941.1	24.6	63.0	161.6	2.3	21.7		8	941.1	25.0	70.0	149.5	1.4	20.8	
9	927.8	23.3	72.0	184.2	2.8	20.4		9	923.8	22.2	78.0	156.8	2.0	20.1	
10	946.5	24.6	66.0	152.8	0.4	24.0		10	946.5	25.0	70.0	172.0	2.9	23.4	

***** JUNE 28, 1977 500 CDT *****								***** JUNE 28, 1977 600 CDT *****							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	23.9	63.0	194.6	3.2	22.3		1	927.5	22.8	68.0	177.0	1.9	20.8	
2	914.7	20.6	57.0	181.1	1.6	19.5		2	915.0	19.4	77.0	151.4	1.6	18.1	
3	926.9	24.4	67.0	193.5	3.1	23.3		3	926.9	23.3	68.0	189.4	2.5	22.5	
4	970.9	22.9	75.0	194.7	4.1	21.7		4	931.3	21.7	82.0	190.7	3.4	20.7	
5	915.4	22.2	60.0	199.3	1.3	19.6		5	915.4	20.6	68.0	202.7	0.9	18.1	
6	932.6	22.2	81.0	173.9	2.3	19.5		6	932.6	21.7	87.0	165.0	3.3	18.9	
7	975.0	23.9	67.0	173.6	2.7	22.6		7	935.0	22.8	73.0	163.9	2.2	21.6	
8	941.1	27.0	70.0	164.8	1.1	19.3		8	941.1	23.3	83.0	138.5	1.0	18.3	
9	927.8	21.7	92.0	199.5	2.3	19.3		9	924.1	20.6	88.0	165.6	2.5	18.5	
10	946.5	24.4	75.0	159.0	2.3	22.4		10	946.8	23.3	79.0	167.8	2.2	21.7	



JUNE 28, 1977 700 CDT								JUNE 28, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.9	21.7	74.0	174.2	2.3	20.9		1	929.2	22.9	75.0	189.1	5.0	23.1	
2	915.0	19.4	30.0	129.7	1.1	19.0		2	915.7	21.1	75.0	145.0	3.3	19.7	
3	927.5	27.2	74.0	177.0	3.0	22.4		3	927.5	22.8	75.0	162.6	1.7	23.7	
4	921.0	21.1	85.0	200.8	7.9	20.5		4	932.3	21.7	85.0	191.3	4.7	21.6	
5	916.4	19.4	74.0	137.3	2.5	17.8		5	917.0	21.1	78.0	167.1	4.6	19.9	
6	933.0	20.6	89.0	174.2	2.7	13.4		6	933.6	20.6	91.0	152.2	2.0	20.6	
7	925.7	22.2	77.0	171.1	2.0	20.6		7	935.7	22.2	80.0	159.5	3.2	22.2	
8	941.4	22.2	90.0	142.2	1.3	17.8		8	942.1	22.2	90.0	149.2	2.8	20.3	
9	924.5	20.6	92.0	176.4	3.0	13.4		9	924.8	20.6	92.0	188.6	4.1	19.3	
10	948.2	22.8	84.0	158.1	1.3	21.9		10	947.9	22.8	84.0	175.2	3.2	22.3	

JUNE 28, 1977 900 CDT								JUNE 28, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.6	27.9	72.0	195.8	4.2	24.9		1	928.9	25.6	68.0	210.7	2.7	27.8	
2	916.0	27.7	40.0	153.8	5.1	21.6		2	916.0	25.6	59.0	147.2	5.3	25.1	
3	928.2	24.4	59.0	166.1	3.7	25.8		3	927.5	27.2	58.0	181.3	4.0	28.3	
4	927.7	27.9	94.0	187.9	6.4	23.8		4	927.5	25.0	73.0	189.7	6.3	25.7	
5	917.7	27.9	75.0	169.2	5.6	23.2		5	919.4	26.1	62.0	169.9	5.1	25.9	
6	933.6	27.2	94.0	169.6	4.6	23.1		6	934.0	24.4	75.0	173.6	4.5	24.6	
7	926.0	27.2	90.0	169.3	3.9	24.4		7	935.3	25.0	75.0	172.1	4.3	26.4	
8	942.4	27.2	89.0	159.5	4.5	22.5		8	942.8	25.0	80.0	176.6	4.4	24.8	
9	925.2	21.1	91.0	185.7	4.9	21.5		9	925.2	22.8	77.0	174.2	4.8	25.0	
10	948.2	27.9	76.0	177.8	4.1	23.9		10	948.5	25.0	71.0	188.0	5.0	24.8	

JUNE 28, 1977 1100 CDT								JUNE 28, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.2	27.8	67.0	207.0	3.2	29.8		1	929.6	30.6	48.0	194.1	2.4	32.6	
2	916.0	29.3	49.0	153.1	4.1	23.1		2	915.4	30.6	40.0	154.4	3.6	30.0	
3	927.9	29.4	50.0	180.8	3.2	30.8		3	927.9	21.1	46.0	188.4	2.7	33.1	
4	933.0	27.2	65.0	192.1	5.0	27.9		4	933.0	28.9	56.0	176.0	4.1	30.3	
5	919.4	29.9	54.0	178.2	4.5	28.6		5	920.1	31.1	44.0	161.8	4.4	29.8	
6	934.0	26.1	69.0	169.1	3.7	27.1		6	934.0	29.7	60.0	165.4	3.1	30.1	
7	926.0	29.3	64.0	183.5	4.0	29.5		7	936.3	30.6	52.0	157.0	3.2	31.5	
8	942.9	27.2	70.0	162.3	4.7	27.8		8	942.8	29.4	62.0	135.1	3.8	29.7	
9	925.2	25.0	69.0	142.5	4.1	27.2		9	925.2	27.2	58.0	195.2	4.3	29.0	
10	949.5	26.1	65.0	166.5	4.5	27.2		10	949.2	27.8	59.0	163.8	4.2	28.5	

JUNE 28, 1977 1300 CDT								JUNE 28, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	920.6	32.2	42.0	184.9	2.5	33.6		1	929.2	33.9	38.0	167.9	2.5	35.1	
2	916.0	32.2	37.0	155.0	2.7	32.2		2	915.7	33.9	30.0	126.8	3.2	33.6	
3	927.9	32.8	42.0	158.5	3.2	34.6		3	927.5	33.3	37.0	143.1	3.2	36.3	
4	922.6	30.6	52.0	175.5	3.7	31.8		4	932.3	33.9	43.0	164.3	3.7	33.7	
5	920.8	33.3	37.0	161.3	4.2	32.6		5	920.8	33.9	35.0	165.6	5.3	33.3	
6	934.0	30.6	55.0	157.7	2.9	31.7		6	934.0	32.2	47.0	160.7	3.4	32.9	
7	926.3	32.8	48.0	149.4	3.4	33.7		7	936.3	33.9	42.0	161.2	3.2	35.6	
8	942.9	31.1	57.0	144.4	2.8	31.8		8	942.8	33.3	46.0	139.9	3.6	32.0	
9	925.2	29.9	52.0	168.6	4.1	30.8		9	925.2	30.6	52.0	197.2	4.7	30.4	
10	949.2	29.4	57.0	155.1	3.9	30.6		10	947.5	31.1	47.0	157.8	4.2	32.0	

JUNE 28, 1977 1500 CDT								JUNE 28, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	928.9	34.4	31.0	170.8	2.5	35.9		1	928.2	35.0	30.0	182.1	3.4	36.6	
2	915.3	34.4	29.0	132.1	4.1	34.0		2	914.7	34.4	27.0	150.8	4.2	34.9	
3	927.2	34.4	35.0	139.4	2.9	37.0		3	925.9	34.4	35.0	153.8	3.8	37.7	
4	932.3	37.9	43.0	165.2	4.5	34.3		4	931.9	34.4	42.0	154.0	4.7	34.3	
5	920.4	34.4	35.0	167.6	4.8	33.1		5	920.1	33.9	37.0	163.1	4.5	33.0	
6	933.3	37.9	40.0	147.0	3.4	33.4		6	933.0	34.4	41.0	154.6	3.6	33.6	
7	936.0	35.0	40.0	146.6	3.7	35.7		7	935.7	35.0	39.0	165.8	3.7	36.2	
8	942.4	34.4	42.0	137.1	4.0	33.7		8	942.1	35.0	42.0	134.8	4.0	34.5	
9	925.2	30.0	53.0	197.6	4.5	31.3		9	924.8	30.6	49.0	173.3	4.0	32.1	
10	947.2	32.2	42.0	179.8	4.2	32.9		10	946.5	32.8	40.0	166.0	3.3	34.4	

JUNE 28, 1977 1700 CDT								JUNE 28, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	927.5	34.4	31.0	183.8	4.6	35.1		1	927.2	34.4	31.0	187.9	3.9	35.1	
2	914.0	34.4	27.0	140.5	4.7	34.5		2	914.0	33.3	35.0	137.5	5.6	32.8	
3	924.2	34.4	35.0	147.9	4.5	37.0		3	926.2	33.9	35.0	155.2	4.5	36.0	
4	931.7	34.4	41.0	152.0	4.9	34.5		4	930.9	33.9	42.0	158.2	5.7	34.5	
5	916.4	37.9	39.0	155.3	5.3	32.5		5	919.1	33.3	40.0	150.4	5.8	32.0	
6	932.5	34.4	41.0	144.3	3.9	33.4		6	932.3	33.9	41.0	146.6	4.6	32.8	
7	925.3	35.6	39.0	145.1	3.9	36.0		7	934.6	35.6	37.0	152.1	4.0	35.5	
8	941.8	35.0	42.0	125.7	4.2	34.1		8	941.1	34.4	42.0	131.1	4.7	33.4	
9	924.1	31.1	49.0	163.4	4.0	32.4		9	923.8	31.7	43.0	151.4	4.3	32.5	
10	948.8	37.3	37.0	166.5	2.7	35.5		10	946.2	34.4	35.0	115.2	5.5	34.5	

JUNE 28, 1977 1900 CDT								JUNE 28, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.2	33.3	35.0	166.8	4.5	34.2		1	927.5	30.6	44.0	179.9	2.8	30.9	
2	914.0	32.2	39.0	139.3	5.3	31.8		2	914.0	30.6	42.0	151.0	5.2	29.5	
3	926.2	32.8	35.0	144.6	4.2	35.4		3	926.2	31.1	42.0	154.5	4.0	34.1	
4	930.9	33.3	43.0	174.0	5.2	33.0		4	930.6	31.7	45.0	170.8	3.7	31.3	
5	919.1	32.8	40.0	144.7	5.4	31.0		5	919.1	31.7	40.0	143.9	5.2	29.4	
6	922.7	32.8	41.0	150.5	4.1	31.8		6	932.3	31.7	49.0	149.6	3.5	30.8	
7	924.7	35.0	37.0	143.3	3.9	34.7		7	934.6	33.9	38.0	170.0	2.6	34.3	
8	940.7	34.4	41.0	129.9	3.9	32.9		8	940.7	33.9	40.0	124.3	3.1	31.8	
9	923.5	31.7	42.0	161.0	4.1	31.9		9	923.8	31.7	42.0	167.3	3.5	31.5	
10	945.1	33.9	36.0	119.9	5.5	33.2		10	944.8	32.8	37.0	129.5	4.7	31.5	

JUNE 28, 1977 2100 CDT								JUNE 28, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.9	28.9	54.0	189.4	1.8	27.7		1	929.6	26.7	62.0	162.5	1.8	26.0	
2	915.0	29.9	47.0	140.4	2.2	27.2		2	915.4	27.2	52.0	138.7	2.6	25.8	
3	927.2	29.3	57.0	144.0	1.5	30.1		3	928.6	26.7	57.0	188.8	1.5	27.8	
4	931.9	29.9	55.0	135.2	2.4	29.8		4	933.0	26.7	63.0	140.0	3.6	26.5	
5	919.7	30.6	41.0	147.3	3.5	25.6		5	920.1	29.3	45.0	124.4	2.3	25.0	
6	933.6	29.3	59.0	124.3	1.8	26.4		6	934.6	27.2	63.0	127.3	2.5	25.1	
7	935.0	32.8	41.0	171.7	0.5	29.9		7	936.7	29.4	53.0	116.5	3.0	28.1	
8	941.8	32.2	44.0	115.9	2.3	29.5		8	942.8	29.4	50.0	123.3	1.7	25.7	
9	924.8	30.0	53.0	159.9	0.9	27.3		9	925.8	27.2	65.0	157.2	1.5	24.9	
10	945.5	31.1	42.0	116.8	3.1	29.7		10	948.2	28.9	57.0	117.0	2.9	26.4	

JUNE 28, 1977 2300 CDT								JUNE 28, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.5	26.1	67.0	170.2	1.9	25.5		1	931.9	26.1	63.0	58.4	2.3	24.6	
2	917.4	25.1	55.0	139.0	2.8	24.0		2	917.7	25.0	58.0	146.8	2.9	23.3	
3	929.2	26.7	57.0	152.3	2.4	27.3		3	929.9	25.0	62.0	164.1	3.1	26.5	
4	934.0	26.7	59.0	146.4	3.8	25.8		4	934.3	25.1	60.0	166.4	4.8	25.7	
5	920.8	25.7	53.0	150.0	2.9	24.4		5	921.1	26.1	53.0	177.2	3.0	24.5	
6	925.7	25.1	62.0	135.2	3.3	24.0		6	936.0	25.6	68.0	139.5	3.1	23.0	
7	927.4	27.8	56.0	142.3	1.6	25.3		7	937.7	26.7	62.0	145.5	1.7	25.5	
8	943.8	27.8	50.0	125.9	3.1	24.6		8	944.1	27.2	60.0	133.5	3.8	24.8	
9	926.9	25.6	59.0	152.9	1.9	23.5		9	927.2	23.9	75.0	184.1	3.4	22.4	
10	949.2	27.2	61.0	134.9	2.2	25.2		10	949.9	26.1	66.0	160.5	4.3	24.9	

JUNE 29, 1977 100 CDT								JUNE 29, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	971.4	26.1	57.0	178.4	1.7	25.4		1	931.6	25.0	63.0	193.4	2.4	23.7	
2	919.1	27.9	64.0	150.0	3.2	22.7		2	918.1	23.3	64.0	176.9	3.4	21.7	
3	929.6	24.4	55.0	175.3	2.8	24.6		3	929.6	24.4	66.0	188.7	3.4	24.8	
4	934.3	25.6	64.0	175.7	4.5	24.5		4	934.3	25.0	67.0	186.4	5.5	24.3	
5	920.8	25.0	57.0	182.6	4.0	23.8		5	920.1	24.4	62.0	195.9	3.9	22.4	
6	935.7	23.9	72.0	171.9	2.9	21.6		6	935.7	22.8	78.0	172.6	3.2	20.4	
7	938.0	25.6	64.0	165.4	2.8	24.8		7	937.7	25.5	65.0	192.6	3.1	24.7	
8	944.1	27.2	65.0	144.7	4.0	23.5		8	944.1	26.1	71.0	165.8	2.2	22.5	
9	927.5	22.8	75.0	189.1	3.3	21.8		9	927.2	22.2	82.0	200.6	1.3	20.2	
10	940.0	26.1	63.0	165.9	4.0	24.8		10	949.5	25.0	67.0	49.5	0.9	23.5	

JUNE 29, 1977 300 CDT								JUNE 29, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	971.3	27.3	70.0	165.8	0.9	21.5		1	931.6	22.8	74.0	237.0	1.2	20.5	
2	919.1	22.2	70.0	184.1	2.6	20.4		2	919.1	21.1	74.0	219.5	1.4	19.3	
3	920.2	23.3	69.0	182.0	3.7	23.7		3	929.9	22.8	73.0	186.3	1.9	23.3	
4	934.3	24.4	70.0	195.8	2.4	22.7		4	934.3	22.8	76.0	194.3	2.5	20.8	
5	919.7	23.3	57.0	180.0	3.7	21.1		5	920.1	22.2	72.0	212.9	2.1	20.5	
6	935.3	22.8	87.0	180.3	2.3	19.9		6	935.0	21.7	86.0	345.1	0.6	19.5	
7	937.7	24.4	69.0	197.5	2.8	22.6		7	937.7	23.3	74.0	171.5	1.0	21.4	
8	944.1	25.0	75.0	173.4	2.0	21.5		8	944.1	24.4	78.0	121.1	0.8	19.2	
9	927.2	21.1	83.0	158.0	1.3	19.5		9	927.2	21.1	86.0	148.3	1.9	18.4	
10	940.2	24.4	72.0	175.3	1.9	22.8		10	949.5	23.9	75.0	127.6	2.7	21.9	

JUNE 29, 1977 500 CDT								JUNE 29, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	971.0	21.7	78.0	194.3	1.3	19.4		1	932.3	21.1	81.0	175.9	0.8	18.9	
2	919.4	20.0	90.0	145.6	1.1	19.0		2	919.4	19.4	84.0	255.2	1.7	16.9	
3	930.2	22.8	73.0	213.6	2.3	22.9		3	930.6	21.1	80.0	176.2	2.4	22.6	
4	935.0	21.1	92.0	200.3	1.8	19.9		4	935.7	20.6	86.0	190.8	1.2	18.9	
5	920.4	21.1	75.0	222.9	0.8	19.5		5	920.4	20.6	78.0	115.1	1.4	18.3	
6	936.7	20.6	87.0	173.8	1.2	18.7		6	936.7	20.0	91.0	183.3	1.1	17.8	
7	938.4	22.8	77.0	274.2	0.5	20.2		7	938.7	21.1	83.0	157.0	1.5	20.1	
8	944.5	22.8	90.0	159.8	1.1	19.1		8	944.8	22.9	90.0	133.5	2.0	18.2	
9	927.5	20.6	91.0	153.5	1.4	17.8		9	927.9	20.0	94.0	144.4	2.1	18.6	
10	950.2	23.3	82.0	119.5	1.6	20.7		10	950.9	22.2	84.0	124.4	2.0	20.6	

JUNE 29, 1977 700 CDT								JUNE 29, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.7	20.6	87.0	185.1	1.3	19.7		1	932.6	21.7	82.0	168.0	3.8	19.7	
2	919.7	19.4	85.0	97.9	0.4	16.3		2	917.4	20.6	81.0	141.8	3.1	17.6	
3	970.9	21.7	79.0	203.4	2.1	21.6		3	931.3	21.7	80.0	184.0	3.4	22.1	
4	975.7	20.5	87.0	174.1	3.4	20.0		4	936.0	21.7	85.0	182.8	4.1	21.3	
5	920.4	20.0	82.0	171.3	1.9	13.1		5	920.8	20.6	86.0	175.8	3.1	19.5	
6	977.0	19.4	92.0	135.1	2.3	13.2		6	937.4	20.6	87.0	174.9	2.0	19.7	
7	978.7	21.1	94.0	127.1	1.3	19.8		7	939.0	21.1	88.0	146.1	2.0	21.9	
8	945.1	22.2	90.0	124.4	2.3	19.0		8	945.5	22.2	93.0	135.0	3.0	20.0	
9	927.9	20.0	95.0	151.2	2.7	17.9		9	924.2	20.0	95.0	170.1	3.6	19.3	
10	941.2	22.2	85.0	120.8	1.1	19.8		10	951.2	21.7	85.0	116.2	2.7	22.1	

JUNE 29, 1977 900 CDT								JUNE 29, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	977.0	22.8	73.0	181.1	5.3	21.7		1	933.0	24.4	69.0	187.7	4.8	24.5	
2	919.4	21.7	92.0	165.0	4.7	19.4		2	919.7	23.3	74.0	165.4	4.6	21.5	
3	971.4	22.2	89.0	172.8	2.9	22.7		3	931.6	23.9	74.0	187.2	4.2	25.7	
4	974.3	22.2	84.0	195.7	3.8	22.4		4	935.3	23.9	79.0	200.7	4.3	24.6	
5	971.1	21.7	93.0	197.3	4.5	21.4		5	921.8	22.8	79.0	187.4	4.9	22.8	
6	977.7	21.7	85.0	174.9	2.7	20.2		6	937.7	22.8	77.0	189.4	2.4	24.0	
7	979.0	22.2	97.0	171.2	2.8	23.9		7	939.4	23.3	79.0	197.7	2.8	25.3	
8	945.8	23.3	91.0	157.3	2.7	20.2		8	945.8	23.9	86.0	185.7	2.7	21.9	
9	928.6	21.1	95.0	176.2	4.6	21.4		9	923.9	24.4	71.0	999.9	999.9	999.9	
10	951.2	22.8	76.0	141.2	3.2	23.4		10	951.2	23.9	72.0	165.5	2.4	25.4	

JUNE 29, 1977 1100 CDT								JUNE 29, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	973.0	24.1	66.0	197.2	4.1	24.0		1	932.6	27.8	56.0	181.9	3.4	28.5	
2	970.1	23.9	59.0	181.6	4.1	23.1		2	919.4	26.7	56.0	145.4	3.5	26.8	
3	971.6	25.6	69.0	202.8	3.1	27.9		3	931.3	27.2	60.0	196.1	3.4	29.5	
4	934.7	24.4	72.0	214.6	2.5	25.7		4	935.3	26.1	68.0	210.6	2.3	29.5	
5	923.1	25.6	77.0	175.2	2.7	26.2		5	923.1	27.8	58.0	189.8	4.1	28.0	
6	977.7	25.0	67.0	182.6	3.0	26.5		6	937.4	25.1	60.0	195.0	3.1	27.7	
7	970.4	24.4	74.0	172.1	2.0	28.9		7	939.4	27.2	62.0	169.5	2.8	29.8	
8	945.8	25.0	90.0	187.9	3.3	25.9		8	945.8	26.1	70.0	179.6	2.5	28.2	
9	928.9	25.6	66.0	999.9	999.9	999.9		9	928.9	27.2	59.0	999.9	999.9	999.9	
10	941.5	25.0	64.0	195.0	2.8	25.5		10	951.2	26.7	57.0	161.0	2.4	30.9	

JUNE 28, 1977 1300 CDT								JUNE 29, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.9	29.9	50.0	196.3	3.1	29.4		1	931.3	30.0	46.0	188.2	3.2	30.0	
2	919.7	29.3	53.0	144.9	3.7	27.4		2	918.1	29.4	48.0	141.2	4.4	28.6	
3	970.6	29.9	54.0	184.1	3.7	31.0		3	929.9	29.4	46.0	174.6	3.9	32.0	
4	976.7	27.9	60.0	197.0	2.9	29.4		4	934.6	29.4	52.0	188.1	3.4	31.4	
5	927.1	27.4	50.0	161.4	4.2	29.4		5	922.8	31.1	43.0	173.7	4.9	30.8	
6	936.7	27.8	57.0	197.8	2.2	23.8		6	936.0	29.4	45.0	171.8	2.1	30.2	
7	939.0	29.9	57.0	150.7	3.3	31.9		7	938.4	31.1	44.0	183.6	3.4	32.5	
8	945.5	29.4	59.0	182.3	2.0	30.3		8	944.8	30.6	49.0	161.8	3.0	31.3	
9	929.7	28.3	52.0	999.9	999.9	999.9		9	927.9	28.9	47.0	999.9	999.9	999.9	
10	950.6	29.9	44.0	229.1	2.9	31.5		10	949.5	30.0	41.0	192.3	3.4	32.1	

JUNE 29, 1977 1500 CDT								JUNE 29, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.6	30.6	41.0	179.7	3.4	30.9		1	929.9	31.1	37.0	200.8	3.6	31.7	
2	917.0	30.5	40.0	141.0	4.6	29.7		2	916.0	31.1	36.0	144.8	4.0	30.5	
3	929.9	30.6	40.0	157.5	4.0	32.9		3	927.9	31.1	37.0	175.7	3.8	32.9	
4	977.6	30.6	45.0	179.3	3.7	31.6		4	933.0	31.1	43.0	188.1	4.4	31.7	
5	922.1	31.7	39.0	146.9	4.6	31.2		5	921.4	32.2	36.0	164.1	4.6	32.1	
6	975.0	30.0	42.0	176.0	3.4	31.0		6	934.3	30.6	40.0	178.0	3.6	31.6	
7	937.7	31.7	40.0	150.1	3.1	34.1		7	936.7	32.2	37.0	163.7	3.2	34.7	
8	944.1	31.7	44.0	172.7	3.7	30.1		8	943.1	32.8	39.0	166.0	3.7	31.0	
9	975.9	30.0	44.0	999.9	999.9	999.9		9	925.8	30.6	42.0	999.9	999.9	999.9	
10	948.9	30.6	39.0	202.0	3.8	32.9		10	947.9	31.7	35.0	186.2	4.3	33.2	

JUNE 29, 1977 1700 CDT								JUNE 29, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.9	31.1	35.0	171.3	3.6	31.1		1	927.9	31.1	34.0	161.9	4.7	31.3	
2	919.9	31.7	33.0	154.6	2.1	30.7		2	914.3	31.7	33.0	152.5	2.1	30.4	
3	927.2	31.1	36.0	163.7	3.8	33.3		3	925.5	31.1	36.0	168.6	5.1	33.6	
4	932.3	31.1	42.0	195.9	4.2	32.6		4	931.6	31.1	40.0	176.2	4.2	32.0	
5	920.8	32.8	35.0	162.1	4.6	32.4		5	920.1	32.2	35.0	162.9	5.1	32.4	
6	933.7	31.1	40.0	177.9	3.0	31.9		6	932.6	31.1	39.0	188.4	3.8	31.7	
7	936.0	32.8	35.0	190.2	3.4	35.3		7	935.3	33.3	35.0	150.1	4.4	34.9	
8	942.1	32.3	35.0	156.6	4.0	31.9		8	941.4	33.3	34.0	157.4	4.0	31.8	
9	924.9	31.7	37.0	999.9	999.9	999.9		9	924.1	31.7	37.0	999.9	999.9	999.9	
10	944.8	32.8	31.0	182.8	4.7	33.9		10	945.8	32.8	32.0	177.9	4.5	34.3	

JUNE 29, 1977 1900 CDT								JUNE 29, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	30.0	35.0	169.6	5.1	23.5		1	927.2	28.3	40.0	161.8	3.3	29.2	
2	913.7	31.1	35.0	162.9	5.0	29.9		2	913.3	30.6	36.0	152.9	4.3	29.5	
3	925.8	31.1	37.0	153.3	4.5	32.9		3	925.5	30.0	37.0	158.1	4.2	31.7	
4	920.6	31.1	40.0	163.4	5.5	31.7		4	930.2	30.6	40.0	169.8	5.1	30.5	
5	919.4	32.2	35.0	162.4	4.6	31.8		5	919.1	31.1	37.0	172.6	5.3	30.6	
6	932.7	30.6	40.0	180.8	4.0	30.3		6	931.9	30.0	43.0	162.3	3.8	29.5	
7	924.5	33.9	35.0	151.0	4.2	33.8		7	934.3	32.8	35.0	165.3	3.9	32.8	
8	940.7	33.3	34.0	142.5	4.2	31.2		8	940.4	32.8	33.0	154.6	3.8	30.2	
9	923.1	31.7	37.0	999.9	999.9	999.9		9	923.1	31.1	38.0	999.9	999.9	999.9	
10	945.1	33.7	30.0	169.1	3.8	34.7		10	945.1	33.3	34.0	166.4	5.5	31.6	

JUNE 29, 1977 2100 CDT								JUNE 29, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.5	26.1	50.0	165.8	2.0	25.4		1	927.9	25.0	55.0	193.1	1.5	23.4	
2	917.6	29.7	40.0	153.3	3.8	27.2		2	914.0	27.2	45.0	155.2	3.2	25.7	
3	925.8	27.8	47.0	170.4	2.5	29.1		3	925.2	26.7	49.0	172.5	2.5	27.6	
4	930.6	27.8	49.0	177.2	2.6	27.5		4	930.9	25.6	56.0	173.9	3.4	25.4	
5	918.7	20.4	47.0	171.5	5.0	29.3		5	918.7	27.8	49.0	173.9	3.6	26.2	
6	932.7	27.8	50.0	167.9	2.8	25.4		6	933.0	25.6	52.0	162.0	3.5	24.9	
7	934.3	31.7	36.0	159.6	1.6	30.1		7	934.6	29.4	40.0	170.4	3.7	28.7	
8	940.7	32.2	35.0	172.7	2.0	29.2		8	941.1	30.6	38.0	159.3	3.6	26.5	
9	923.5	29.9	49.0	999.9	999.9	999.9		9	923.8	26.7	58.0	999.9	999.9	999.9	
10	945.5	31.7	47.0	177.5	4.0	29.3		10	945.2	29.4	47.0	199.0	4.2	28.3	

JUNE 29, 1977 2300 CDT								JUNE 29, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.6	25.0	55.0	195.7	2.2	23.0		1	929.9	25.6	55.0	191.7	5.4	25.6	
2	914.7	26.7	50.0	166.3	3.8	24.6		2	915.3	25.1	54.0	160.0	5.7	24.2	
3	926.0	25.1	57.0	176.8	3.9	25.5		3	927.5	26.1	60.0	179.7	4.8	26.6	
4	931.9	26.1	55.0	185.0	5.3	25.5		4	932.3	26.1	59.0	190.2	5.7	26.6	
5	919.1	25.7	59.0	160.0	5.1	23.6		5	919.4	25.6	65.0	165.0	5.7	22.1	
6	937.6	26.1	60.0	172.0	4.0	25.0		6	934.0	25.6	64.0	167.5	4.0	23.2	
7	935.3	29.3	51.0	189.4	4.1	27.5		7	935.7	27.2	56.0	187.7	4.1	26.9	
8	941.9	28.9	57.0	161.4	4.3	25.5		8	942.1	27.8	59.0	161.3	4.1	24.4	
9	924.5	24.1	64.0	999.9	999.9	999.9		9	925.2	24.4	74.0	999.9	999.9	999.9	
10	946.8	28.3	50.0	192.9	2.5	26.3		10	947.5	26.7	58.0	188.8	4.2	26.5	

JUNE 30, 1977 100 CDT								JUNE 30, 1977 200 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	928.9	25.0	63.0	191.5	5.2	25.0		1	928.6	25.0	65.0	199.7	6.5	24.2	
2	915.3	25.0	66.0	174.4	4.9	22.8		2	915.3	24.4	65.0	181.3	4.9	21.5	
3	927.6	25.6	64.0	192.3	5.5	25.1		3	926.9	25.0	67.0	192.2	4.4	25.3	
4	932.3	25.6	65.0	197.8	4.7	25.8		4	932.3	24.4	69.0	189.5	5.9	24.7	
5	919.4	24.4	66.0	174.9	5.1	21.2		5	919.7	23.3	71.0	181.2	3.7	20.2	
6	934.0	24.4	70.0	190.3	7.8	22.2		6	933.6	23.9	74.0	170.5	3.6	21.2	
7	936.0	25.7	63.0	187.6	3.0	25.9		7	936.0	25.6	66.0	176.2	3.4	24.7	
8	947.4	27.2	65.0	153.1	3.5	23.6		8	942.1	26.1	71.0	150.1	4.6	22.2	
9	925.2	23.9	79.0	999.9	999.9	999.9		9	925.2	23.3	82.0	999.9	999.9	999.9	
10	947.9	26.7	63.0	187.0	6.1	25.1		10	947.9	26.1	69.0	192.1	5.5	24.7	

JUNE 30, 1977 300 CDT								JUNE 30, 1977 400 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	929.2	27.9	70.0	204.0	5.2	23.4		1	928.2	22.8	74.0	202.3	5.2	22.2	
2	915.0	23.7	71.0	173.8	3.9	20.4		2	914.7	22.2	76.0	183.2	4.6	19.3	
3	926.6	27.3	74.0	186.2	4.4	24.0		3	925.5	22.8	61.0	186.1	5.4	22.5	
4	931.6	27.9	72.0	196.0	5.4	24.3		4	931.6	22.8	71.0	195.1	5.8	22.6	
5	919.1	22.2	78.0	182.5	4.2	19.5		5	917.7	21.7	72.0	189.3	6.1	18.5	
6	937.3	22.8	63.0	169.7	5.6	20.5		6	933.3	21.7	67.0	172.9	4.8	19.3	
7	935.7	25.0	74.0	189.4	5.0	24.0		7	935.3	23.9	60.0	189.5	4.5	21.6	
8	941.8	25.6	90.0	157.7	4.4	21.3		8	941.8	24.4	79.0	163.6	4.5	20.0	
9	924.8	21.1	62.0	999.9	999.9	999.9		9	924.5	20.6	77.0	999.9	999.9	999.9	
10	947.5	25.4	70.0	195.1	1.7	24.0		10	947.5	23.9	74.0	225.5	4.2	22.5	

JUNE 30, 1977 500 CDT								JUNE 30, 1977 600 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	928.2	22.2	67.0	189.4	5.6	21.7		1	928.2	21.1	70.0	200.2	6.2	20.8	
2	914.7	21.7	74.0	172.5	5.1	19.4		2	914.7	21.1	77.0	182.5	5.5	17.8	
3	926.5	21.7	69.0	179.0	4.5	21.9		3	925.5	21.1	77.0	187.2	4.8	21.1	
4	931.6	21.7	69.0	199.7	4.5	21.1		4	931.9	20.6	75.0	193.8	3.8	19.7	
5	917.0	21.1	78.0	182.7	5.5	19.0		5	917.0	20.0	85.0	177.1	5.7	17.1	
6	933.3	20.4	76.0	175.6	4.6	19.1		6	933.3	20.0	85.0	178.9	3.4	17.7	
7	935.7	22.2	66.0	192.9	3.7	20.5		7	935.3	21.1	72.0	188.8	3.6	20.4	
8	941.4	27.3	75.0	169.8	3.3	18.7		8	941.4	22.2	83.0	157.2	1.6	17.9	
9	924.5	20.0	82.0	999.9	999.9	999.9		9	924.1	18.3	91.0	999.9	999.9	999.9	
10	947.5	22.9	71.0	190.5	3.1	21.7		10	947.5	22.2	71.0	167.2	4.7	21.0	



JUNE 30, 1977 700 CDT								JUNE 30, 1977 800 CDT							
STAT NO.	DEFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	028.5	21.1	78.0	198.6	5.5	20.2		1	928.9	22.2	78.0	205.3	5.8	21.4	
2	014.7	20.6	93.0	172.3	4.9	17.4		2	915.0	20.0	87.0	187.5	5.7	18.4	
3	026.9	21.1	81.0	192.4	4.5	20.6		3	927.2	21.7	80.0	187.8	5.6	21.5	
4	021.9	20.0	85.0	194.1	4.0	19.6		4	922.3	21.1	84.0	195.2	5.1	21.4	
5	014.7	20.0	91.0	187.3	5.5	15.7		5	917.0	21.7	88.0	183.5	6.7	18.2	
6	022.6	19.4	89.0	176.5	3.6	17.8		6	933.6	20.6	88.0	177.8	5.1	18.6	
7	035.3	21.1	83.0	171.9	3.3	20.8		7	935.7	21.7	87.0	187.9	4.1	23.5	
8	041.8	21.7	90.0	179.0	2.2	16.8		8	941.8	21.1	95.0	161.3	4.0	18.8	
9	024.5	19.6	95.0	999.9	999.9	999.9		9	924.8	19.4	95.0	999.9	999.9	999.9	
10	047.2	21.7	77.0	131.8	0.5	20.1		10	947.9	21.7	80.0	194.3	4.2	22.5	

JUNE 30, 1977 900 CDT								JUNE 30, 1977 1000 CDT							
STAT NO.	DEFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	020.2	23.9	73.0	209.9	7.2	23.1		1	929.2	25.0	68.0	195.2	6.5	25.2	
2	015.7	21.7	85.0	174.9	7.7	20.9		2	915.3	23.3	75.0	182.8	7.3	23.8	
3	027.5	23.3	76.0	190.3	6.3	22.7		3	927.5	25.0	67.0	182.3	5.2	25.4	
4	023.0	23.3	81.0	191.9	6.8	23.2		4	933.0	25.0	73.0	194.0	7.0	25.4	
5	018.1	23.9	77.0	183.7	7.8	20.5		5	919.4	26.1	67.0	189.3	7.7	22.9	
6	024.0	22.8	79.0	175.0	6.4	21.1		6	934.3	24.4	70.0	173.7	5.2	23.7	
7	024.0	22.9	83.0	182.9	5.6	25.1		7	925.0	27.2	65.0	189.6	5.7	27.3	
8	042.4	22.8	92.0	159.3	5.3	21.5		8	942.4	25.0	80.0	160.4	6.1	23.9	
9	024.8	21.7	87.0	999.9	999.9	999.9		9	925.2	23.9	73.0	999.9	999.9	999.9	
10	048.2	22.3	92.0	202.1	6.9	23.5		10	948.9	24.4	73.0	187.0	5.9	23.9	

JUNE 30, 1977 1100 CDT								JUNE 30, 1977 1200 CDT							
STAT NO.	DEFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	028.9	27.8	60.0	195.8	5.2	27.5		1	929.6	29.4	52.0	190.1	6.3	30.1	
2	015.3	26.7	61.0	179.0	6.5	26.5		2	914.7	28.9	50.0	192.5	6.4	28.6	
3	027.2	27.8	62.0	179.8	6.2	23.0		3	927.2	29.4	58.0	187.6	5.0	30.3	
4	032.7	26.7	64.0	194.9	8.0	27.1		4	932.3	28.3	58.0	186.7	7.8	28.8	
5	010.1	28.9	55.0	180.5	7.1	25.7		5	919.4	30.0	47.0	189.1	6.7	28.6	
6	024.0	26.1	64.0	176.8	5.7	25.0		6	933.6	27.8	54.0	175.0	5.2	27.6	
7	025.7	29.9	60.0	189.9	5.8	22.1		7	935.7	30.6	51.0	196.0	5.1	31.6	
8	042.1	22.4	57.0	142.1	6.1	24.5		8	942.1	30.0	54.0	152.0	5.9	27.0	
9	025.2	25.6	66.0	999.9	999.9	999.9		9	924.8	27.8	58.0	999.9	999.9	999.9	
10	049.9	24.4	72.0	189.7	6.0	26.0		10	948.5	26.7	73.0	191.7	5.3	27.6	

JUNE 30, 1977 1300 CDT								JUNE 30, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.2	31.1	42.0	199.3	5.8	31.8		1	928.6	32.2	39.0	205.4	3.8	33.4	
2	914.3	31.1	41.0	187.6	6.1	30.7		2	914.0	32.8	36.0	205.9	6.0	32.8	
3	926.5	31.1	43.0	185.3	5.1	31.5		3	926.2	32.2	39.0	184.8	5.5	32.8	
4	931.9	30.0	55.0	189.7	7.3	30.8		4	931.6	31.1	50.0	190.7	6.4	31.9	
5	919.7	32.2	40.0	195.9	6.2	30.7		5	919.7	33.3	36.0	186.2	5.5	32.2	
6	933.3	29.4	47.0	177.4	5.8	29.4		6	933.0	31.1	45.0	171.9	5.6	30.5	
7	935.3	32.2	46.0	189.0	4.8	32.8		7	935.0	33.3	43.0	184.7	4.8	34.2	
8	941.8	31.7	47.0	159.7	5.5	29.6		8	941.4	32.8	43.0	145.6	5.2	31.1	
9	924.8	29.9	54.0	999.9	999.9	999.9		9	924.5	30.0	50.0	999.9	999.9	999.9	
10	947.5	30.6	50.0	181.0	6.1	29.9		10	946.8	31.7	47.0	175.2	5.9	31.5	

JUNE 30, 1977 1500 CDT								JUNE 30, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.9	33.3	36.0	199.6	4.3	34.9		1	927.2	33.9	33.0	181.7	4.3	35.5	
2	913.6	33.0	33.0	187.9	3.5	33.8		2	913.0	34.4	32.0	208.1	3.8	34.7	
3	926.2	33.3	36.0	189.9	4.1	34.7		3	925.5	33.9	34.0	163.0	4.4	34.4	
4	931.6	32.2	47.0	188.0	6.0	32.9		4	930.9	32.8	44.0	183.4	5.4	33.2	
5	919.7	34.4	33.0	185.3	5.3	32.9		5	919.7	34.4	34.0	174.3	4.6	34.3	
6	933.0	31.7	44.0	171.5	5.0	31.3		6	932.3	32.2	40.0	192.2	3.5	32.8	
7	934.6	33.9	41.0	174.6	4.7	34.4		7	934.6	35.0	37.0	182.9	3.8	36.3	
8	941.4	33.9	38.0	159.4	4.9	31.6		8	941.1	34.4	37.0	159.5	4.1	33.0	
9	924.1	31.1	46.0	999.9	999.9	999.9		9	923.8	32.2	43.0	999.9	999.9	999.9	
10	946.2	32.8	41.0	187.2	5.7	32.2		10	945.8	33.3	40.0	189.3	5.0	33.6	

JUNE 30, 1977 1700 CDT								JUNE 30, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	927.2	32.2	34.0	190.9	2.5	32.9		1	927.2	27.2	57.0	350.2	2.7	27.9	
2	912.4	34.4	32.0	198.4	3.7	34.4		2	912.6	33.3	34.0	152.2	5.6	32.4	
3	925.5	33.3	35.0	172.5	4.1	35.2		3	925.2	33.3	36.0	152.5	5.0	35.0	
4	930.6	33.3	42.0	200.5	4.8	33.8		4	930.2	32.8	42.0	175.8	4.7	34.5	
5	919.4	33.2	38.0	158.6	5.2	32.4		5	919.1	32.2	39.0	151.4	4.7	30.8	
6	931.9	32.8	33.0	175.0	4.6	33.1		6	931.9	32.8	39.0	162.5	4.4	32.8	
7	934.0	35.6	33.0	184.8	4.0	37.1		7	933.6	35.6	33.0	178.2	3.5	37.1	
8	940.7	35.0	37.0	147.0	4.3	32.0		8	940.4	34.4	37.0	153.0	4.0	33.5	
9	923.5	33.3	40.0	999.9	999.9	999.9		9	923.1	33.3	40.0	999.9	999.9	999.9	
10	945.5	33.9	38.0	182.3	4.8	34.2		10	944.8	33.9	38.0	176.9	4.7	34.5	

JUNE 30, 1977 1900 CDT								JUNE 30, 1977 2000 CDT							
STAT NO.	PRES VP	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	027.5	29.3	55.0	45.0	0.8	38.6		1	927.9	27.8	56.0	161.3	1.3	27.0	
2	012.6	32.8	77.0	151.6	6.1	31.9		2	913.3	31.7	38.0	146.4	4.9	29.8	
3	025.5	33.3	36.0	134.2	5.3	34.2		3	925.8	32.2	37.0	157.3	3.4	32.2	
4	970.2	32.8	42.0	156.5	4.3	32.9		4	930.9	31.7	45.0	153.5	4.4	30.6	
5	018.7	31.1	47.0	151.0	4.7	30.3		5	919.1	30.0	46.0	220.4	2.5	28.5	
6	031.9	31.1	44.0	165.7	3.0	31.1		6	932.6	31.1	46.0	149.8	4.4	29.9	
7	033.6	34.4	37.0	157.0	7.7	34.0		7	934.6	32.8	41.0	145.6	3.4	31.8	
8	040.1	33.3	39.0	148.6	3.8	31.8		8	940.1	32.2	41.0	133.8	3.0	30.1	
9	022.9	33.3	40.0	999.9	999.9	999.9		9	923.1	31.1	44.0	999.9	999.9	999.9	
10	044.9	37.3	77.0	189.6	4.4	33.7		10	945.1	31.7	45.0	165.7	2.3	31.0	

JUNE 30, 1977 2100 CDT								JUNE 30, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	029.2	27.9	57.0	220.3	1.4	26.0		1	928.9	26.7	62.0	1.5	1.5	25.7	
2	914.0	30.0	42.0	136.7	2.2	27.9		2	914.3	28.9	47.0	164.2	2.5	26.1	
3	025.5	31.1	45.0	133.5	2.7	30.7		3	925.9	29.4	50.0	162.2	3.0	29.1	
4	031.6	29.4	49.0	150.9	2.9	28.4		4	931.9	28.3	52.0	162.0	3.8	27.1	
5	019.4	27.8	55.0	161.5	6.1	24.7		5	919.4	27.2	54.0	154.3	4.0	24.8	
6	033.3	30.0	52.0	146.4	3.4	27.2		6	933.6	27.8	56.0	147.3	2.7	25.4	
7	035.0	31.7	45.0	134.3	2.8	29.5		7	935.3	29.4	51.0	156.1	1.7	27.3	
8	940.7	30.6	50.0	131.1	2.1	27.9		8	941.1	28.9	59.0	135.8	1.1	25.7	
9	923.8	30.0	57.0	999.9	999.9	999.9		9	924.5	27.8	59.0	999.9	999.9	999.9	
10	945.8	29.9	55.0	127.1	1.6	28.6		10	946.5	28.9	56.0	133.3	2.9	26.9	

JUNE 30, 1977 2300 CDT								JUNE 30, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	929.2	26.7	60.0	204.4	1.3	25.1		1	929.9	26.1	70.0	338.7	0.9	24.7	
2	015.7	27.8	53.0	227.8	3.3	25.0		2	915.3	27.8	53.0	162.9	4.9	24.9	
3	027.5	27.8	54.0	157.5	3.0	28.3		3	927.9	27.8	55.0	179.9	3.4	27.2	
4	030.6	27.8	57.0	159.4	4.2	26.4		4	932.6	27.2	57.0	161.6	4.9	26.3	
5	020.1	26.7	61.0	152.1	3.5	23.7		5	919.7	26.7	62.0	165.1	5.7	23.8	
6	034.0	26.1	60.0	168.9	2.6	24.6		6	934.3	26.1	60.0	169.2	3.3	24.4	
7	036.0	28.9	54.0	172.4	3.0	27.7		7	936.0	28.9	52.0	171.3	3.7	27.4	
8	041.9	27.8	61.0	135.2	3.2	25.4		8	942.1	27.8	61.0	145.6	3.5	25.2	
9	925.5	25.1	68.0	999.9	999.9	999.9		9	925.5	25.6	68.0	999.9	999.9	999.9	
10	947.5	28.3	57.0	142.2	2.6	26.4		10	947.9	27.8	61.0	156.2	2.8	25.9	

JULY 1, 1977 100 CDT							JULY 1, 1977 200 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	929.0	25.0	65.0	106.3	1.5	24.2	1	930.2	24.4	69.0	66.3	1.1	23.0
2	916.0	26.7	53.0	159.4	3.3	23.7	2	916.4	26.1	61.0	187.3	3.5	23.1
3	927.9	27.2	55.0	180.7	3.6	27.1	3	928.6	27.2	57.0	180.5	3.3	27.2
4	937.0	26.7	60.0	160.0	3.5	25.1	4	933.3	25.6	64.0	166.2	2.8	23.9
5	919.7	26.1	67.0	171.9	6.4	23.8	5	920.1	25.0	70.0	182.2	4.4	23.2
6	934.7	26.1	60.0	180.4	2.5	24.9	6	935.0	26.1	62.0	174.6	2.7	23.9
7	936.0	29.3	55.0	179.9	4.1	26.7	7	936.7	27.9	57.0	178.4	3.1	26.1
8	942.1	27.2	65.0	132.3	2.3	24.1	8	942.4	25.6	74.0	134.1	1.2	22.4
9	925.5	25.6	69.0	999.9	999.9	999.9	9	925.5	25.0	71.0	999.9	999.9	999.9
10	947.9	27.2	69.0	166.5	5.0	25.3	10	947.9	26.7	71.0	160.5	5.1	24.6

JULY 1, 1977 300 CDT							JULY 1, 1977 400 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	970.9	27.9	70.0	226.9	1.9	21.6	1	930.9	23.3	74.0	137.5	1.0	21.8
2	917.0	25.6	66.0	179.3	2.0	22.4	2	917.0	23.9	72.0	155.0	2.3	21.3
3	929.2	26.7	61.0	180.8	2.6	26.1	3	929.2	25.6	64.0	186.2	3.4	25.2
4	934.0	24.4	59.0	171.4	3.4	23.0	4	934.3	23.9	72.0	181.7	4.2	22.8
5	920.4	27.9	75.0	194.7	2.8	22.1	5	920.4	23.3	78.0	158.6	3.4	20.9
6	935.7	26.0	59.0	154.8	3.5	22.7	6	935.0	24.4	74.0	150.6	2.4	22.2
7	937.4	26.7	67.0	148.6	2.2	24.4	7	937.7	25.6	73.0	148.4	2.3	24.2
8	943.5	25.6	74.0	129.7	1.4	22.5	8	943.5	25.0	80.0	136.1	2.0	22.0
9	925.8	27.9	77.0	999.9	999.9	999.9	9	925.2	22.8	83.0	999.9	999.9	999.9
10	948.9	25.6	77.0	141.2	3.1	24.0	10	949.5	25.0	81.0	126.2	2.7	23.0

JULY 1, 1977 500 CDT							JULY 1, 1977 600 CDT						
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C
1	971.6	27.3	75.0	177.3	2.5	22.1	1	931.6	22.8	82.0	187.6	1.7	20.8
2	917.4	27.3	75.0	157.9	3.6	20.9	2	913.1	23.3	79.0	145.1	2.7	20.2
3	929.6	27.3	74.0	180.1	1.7	23.1	3	929.9	22.8	78.0	167.4	3.3	22.2
4	934.6	27.9	75.0	181.4	3.3	22.4	4	935.0	22.8	82.0	179.6	3.8	21.6
5	920.4	22.8	82.0	162.0	2.6	20.3	5	920.8	22.2	85.0	160.5	3.9	20.1
6	936.3	27.7	81.0	155.9	2.4	20.6	6	936.7	22.2	85.0	154.2	1.9	19.8
7	937.7	24.4	76.0	144.3	2.8	22.9	7	939.0	23.9	80.0	152.0	2.9	21.5
8	947.9	24.4	84.0	136.7	2.2	21.4	8	944.1	23.9	87.0	150.2	2.1	20.3
9	924.9	22.8	97.0	999.9	999.9	999.9	9	927.5	21.7	90.0	999.9	999.9	999.9
10	949.9	23.7	85.0	84.4	1.9	22.0	10	949.9	23.3	85.0	107.9	2.2	21.9

JULY 1, 1977  
700 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C
1	972.3	22.8	81.0	54.3	0.3	20.7
2	918.4	22.2	85.0	135.1	2.4	19.1
3	970.5	22.2	87.0	152.2	1.8	21.9
4	975.7	22.8	81.0	179.7	3.9	21.1
5	921.1	21.7	89.0	142.6	3.3	19.0
6	977.4	21.1	91.0	149.8	1.9	19.7
7	978.7	22.8	87.0	142.6	1.8	21.0
8	944.9	27.3	90.0	139.5	0.9	19.7
9	927.9	20.6	93.0	999.9	999.9	999.9
10	950.5	27.3	95.0	127.0	1.9	21.8

JULY 1, 1977  
800 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	932.6	22.8	82.0	183.4	4.1	21.4
2	919.1	21.7	89.0	150.8	3.7	19.3
3	930.9	21.7	83.0	164.3	3.0	21.6
4	935.7	22.8	85.0	190.9	4.0	22.6
5	921.8	23.3	82.0	156.3	4.7	20.2
6	937.4	21.1	88.0	154.6	3.3	20.9
7	939.0	23.3	85.0	163.8	3.0	23.3
8	945.1	23.9	90.0	148.7	3.0	21.4
9	928.6	20.5	93.0	999.9	999.9	999.9
10	951.2	24.4	73.0	157.9	3.1	23.3

JULY 1, 1977  
900 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C
1	977.0	24.4	74.0	187.2	4.1	22.8
2	919.1	22.8	82.0	170.6	5.8	22.1
3	930.9	27.9	77.0	177.1	5.9	24.7
4	976.0	24.4	76.0	191.2	5.4	24.4
5	922.1	23.9	79.0	172.7	6.1	21.5
6	977.7	27.3	79.0	183.9	4.9	22.7
7	979.4	25.0	75.0	179.8	4.0	24.3
8	945.5	25.6	79.0	165.1	4.4	23.3
9	929.9	21.7	90.0	999.9	999.9	999.9
10	951.6	25.0	57.0	166.6	4.8	24.1

JULY 1, 1977  
1000 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	933.3	26.1	69.0	192.5	5.1	25.1
2	919.4	25.0	74.0	169.8	5.6	24.1
3	931.3	25.6	66.0	175.2	5.0	26.9
4	935.3	25.6	72.0	202.7	5.8	26.4
5	922.8	26.1	72.0	178.4	5.5	23.9
6	939.0	23.9	72.0	184.8	4.0	23.9
7	939.7	25.6	70.0	180.1	4.2	26.0
8	946.2	26.7	68.0	188.4	4.2	25.2
9	929.2	22.2	84.0	999.9	999.9	999.9
10	951.9	25.6	66.0	183.9	4.4	25.2

JULY 1, 1977  
1100 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C
1	977.3	27.8	62.0	186.8	3.9	27.6
2	919.4	26.7	67.0	170.2	4.1	26.2
3	971.4	27.2	51.0	177.1	4.6	23.9
4	976.7	27.2	65.0	197.6	5.1	23.2
5	927.5	29.3	64.0	166.6	5.1	25.8
6	979.4	26.1	65.0	179.6	3.9	26.3
7	940.1	27.8	64.0	190.2	2.9	28.3
8	946.5	27.8	65.0	165.9	7.5	25.7
9	929.2	24.4	75.0	999.9	999.9	999.9
10	952.3	26.1	63.0	191.3	4.3	25.6

JULY 1, 1977  
1200 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	933.3	29.4	54.0	173.9	3.7	29.2
2	919.7	28.3	60.0	150.1	3.9	27.6
3	921.6	30.0	53.0	149.5	4.0	31.1
4	937.0	28.3	60.0	189.6	5.4	29.1
5	924.1	29.4	57.0	166.3	4.5	28.0
6	938.4	27.2	60.0	173.0	4.5	28.0
7	940.1	29.4	59.0	162.6	3.8	29.3
8	946.5	29.4	60.0	150.2	4.2	28.2
9	929.6	25.6	69.0	999.9	999.9	999.9
10	952.3	28.3	59.0	175.1	3.6	27.8

JULY 1, 1977 1300 CDT								JULY 1, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	937.7	31.1	50.0	160.3	3.8	30.6		1	933.0	32.8	47.0	142.8	4.6	32.2	
2	919.4	30.0	52.0	135.8	4.3	30.1		2	919.1	31.7	45.0	137.5	5.0	31.1	
3	931.9	30.0	51.0	154.2	3.4	30.1		3	931.9	30.0	50.0	129.5	3.3	31.3	
4	977.0	30.0	54.0	169.5	5.5	29.9		4	937.0	30.6	53.0	155.0	4.9	31.7	
5	974.5	31.1	50.0	159.0	5.0	29.2		5	924.5	32.2	47.0	144.3	5.2	31.0	
6	939.4	29.9	55.0	174.6	4.8	29.7		6	939.4	30.0	50.0	150.3	5.6	30.7	
7	940.1	30.6	54.0	161.2	4.6	30.9		7	940.1	31.7	50.0	154.6	5.0	32.3	
8	946.5	30.6	55.0	152.0	4.6	29.7		8	946.5	32.2	51.0	143.8	4.4	31.1	
9	929.9	27.2	65.0	999.9	999.9	999.9		9	929.6	28.9	58.0	999.9	999.9	999.9	
10	952.7	30.6	52.0	161.0	4.0	30.2		10	951.9	31.1	49.0	164.8	4.2	31.1	

JULY 1, 1977 1500 CDT								JULY 1, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	972.7	37.9	79.0	139.2	6.0	32.9		1	931.3	33.9	38.0	167.5	6.6	34.1	
2	918.7	32.2	41.0	171.3	6.4	32.0		2	917.4	33.3	37.0	145.4	6.9	33.3	
3	931.6	32.2	47.0	132.0	4.9	33.6		3	930.2	32.8	38.0	147.5	6.2	34.0	
4	924.7	31.7	47.0	152.1	5.2	31.8		4	935.7	32.2	44.0	156.8	5.8	32.5	
5	924.5	32.8	43.0	144.6	6.6	31.7		5	924.1	32.2	45.0	145.9	6.6	31.1	
6	939.4	31.1	47.0	152.1	5.2	31.1		6	937.4	32.8	46.0	143.7	5.4	30.8	
7	970.7	32.8	45.0	147.0	5.0	32.6		7	938.4	33.3	45.0	134.2	5.0	33.3	
8	946.5	32.9	44.0	142.9	4.8	31.7		8	945.1	33.3	43.0	138.8	4.6	31.0	
9	929.9	29.4	57.0	999.9	999.9	999.9		9	928.6	30.0	54.0	999.9	999.9	999.9	
10	951.6	32.2	45.0	157.6	3.9	32.5		10	950.2	32.2	43.0	149.1	4.3	32.4	

JULY 1, 1977 1700 CDT								JULY 1, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.6	37.9	77.0	161.1	5.7	33.9		1	929.9	33.3	38.0	185.2	5.4	33.3	
2	916.7	32.8	74.0	138.3	6.8	31.7		2	916.4	32.2	40.0	140.5	6.8	32.2	
3	929.4	32.2	79.0	144.4	5.2	33.9		3	929.9	32.2	39.0	152.9	5.8	33.6	
4	924.3	32.2	44.0	172.1	6.7	32.3		4	934.0	32.2	44.0	170.4	6.6	32.2	
5	923.1	32.2	44.0	144.5	6.7	31.0		5	922.5	32.2	44.0	149.7	7.3	31.3	
6	976.0	32.2	47.0	153.4	5.4	30.5		6	935.3	32.2	47.0	156.2	6.0	29.9	
7	977.7	33.3	47.0	144.5	5.1	33.2		7	977.0	33.3	41.0	152.4	5.2	32.8	
8	944.5	33.3	43.0	134.6	5.1	31.2		8	943.8	33.3	42.0	135.8	5.3	31.2	
9	927.5	30.6	52.0	999.9	999.9	999.9		9	926.9	31.1	49.0	999.9	999.9	999.9	
10	949.2	32.2	43.0	138.6	4.8	32.0		10	948.9	32.2	42.0	133.6	6.0	32.6	

JULY 1, 1977 1000 CDT								JULY 1, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	926.6	33.3	39.0	178.2	5.9	32.5		1	929.9	31.7	45.0	179.5	5.4	30.6	
2	916.0	32.2	40.0	152.1	7.0	31.1		2	916.7	31.1	45.0	153.8	5.8	29.4	
3	928.6	31.7	41.0	166.2	6.3	32.5		3	928.9	30.6	43.0	167.9	5.8	30.9	
4	933.7	31.7	45.0	164.5	7.1	31.1		4	933.6	30.0	48.0	168.3	6.5	30.3	
5	922.1	31.1	49.0	150.5	7.5	30.1		5	921.8	30.6	49.0	162.2	7.5	29.8	
6	935.3	31.7	47.0	150.4	6.0	29.3		6	935.7	30.6	50.0	158.4	6.1	28.3	
7	937.0	33.3	42.0	176.1	5.8	32.0		7	937.0	32.2	43.0	148.9	5.3	31.9	
8	943.5	32.8	43.0	127.6	5.4	30.5		8	943.5	31.7	45.0	136.1	5.5	28.7	
9	926.5	31.1	49.0	999.9	999.9	999.9		9	926.5	30.0	52.0	999.9	999.9	999.9	
10	948.5	32.2	40.0	134.1	5.5	31.8		10	948.5	31.1	40.0	147.5	4.4	31.3	

JULY 1, 1977 2100 CDT								JULY 1, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.2	30.0	52.0	174.6	4.1	29.7		1	930.9	28.3	56.0	169.4	3.4	27.0	
2	914.7	29.4	49.0	150.9	5.4	27.8		2	917.0	28.3	54.0	152.9	5.1	26.7	
3	928.9	29.4	47.0	159.9	4.6	29.5		3	929.2	27.8	51.0	161.2	3.8	28.1	
4	934.0	29.3	51.0	162.9	4.4	27.9		4	934.3	26.7	57.0	164.1	3.6	26.2	
5	921.9	28.9	55.0	159.9	5.7	29.4		5	921.8	27.2	59.0	157.0	4.9	25.8	
6	935.7	29.4	51.0	152.5	4.5	26.0		6	936.0	27.8	55.0	144.4	3.1	24.7	
7	937.4	30.6	46.0	140.3	3.1	29.1		7	937.4	28.3	51.0	133.9	2.1	26.7	
8	943.4	30.0	49.0	124.2	2.2	26.7		8	943.8	28.3	55.0	125.6	2.0	25.3	
9	926.9	28.9	55.0	999.9	999.9	999.9		9	926.9	27.2	59.0	999.9	999.9	999.9	
10	948.5	29.4	45.0	152.8	2.9	29.2		10	949.2	27.8	48.0	139.6	2.9	27.5	

JULY 1, 1977 2300 CDT								JULY 1, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.4	27.9	57.0	176.4	2.6	23.9		1	931.9	26.1	61.0	166.9	1.8	24.7	
2	919.1	27.2	55.0	157.6	4.0	25.6		2	919.1	26.1	60.0	154.7	3.4	24.4	
3	929.9	26.7	56.0	171.0	1.9	25.1		3	930.6	25.0	60.0	194.6	1.0	24.8	
4	934.6	26.6	61.0	155.4	3.2	25.5		4	935.3	25.0	62.0	161.3	3.2	24.8	
5	922.1	26.7	57.0	168.7	4.1	25.4		5	922.5	25.0	61.0	174.6	3.1	24.4	
6	936.3	26.1	52.0	157.3	2.3	23.2		6	937.0	25.0	68.0	162.0	2.0	21.8	
7	936.0	26.7	57.0	153.2	1.4	25.1		7	939.7	25.0	64.0	165.0	0.9	23.9	
8	944.1	27.2	57.0	134.4	2.4	24.5		8	944.5	26.7	57.0	146.9	2.2	23.8	
9	927.2	25.6	53.0	999.9	999.9	999.9		9	927.9	25.0	62.0	999.9	999.9	999.9	
10	949.9	27.8	49.0	155.0	4.4	27.5		10	950.2	27.2	54.0	165.8	3.9	26.9	

JULY 2, 1977 100 CDT								JULY 2, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.9	25.0	65.0	177.1	2.0	23.4		1	932.3	24.4	68.0	186.3	2.1	22.5	
2	918.4	25.0	62.0	167.6	3.4	23.9		2	919.1	24.4	63.0	184.6	2.1	22.8	
3	930.6	24.4	64.0	180.4	1.5	23.9		3	930.9	23.9	65.0	178.6	2.8	23.6	
4	935.7	24.4	63.0	175.9	3.9	23.9		4	935.7	23.9	65.0	175.0	3.7	23.5	
5	922.5	24.4	67.0	176.3	3.4	23.3		5	922.5	23.3	70.0	185.7	2.7	22.5	
6	937.4	23.9	73.0	164.9	2.2	21.0		6	937.4	23.3	75.0	168.3	2.2	20.3	
7	939.0	24.4	65.0	151.0	0.6	23.1		7	939.0	23.9	67.0	168.4	1.5	23.4	
8	945.1	24.1	60.0	153.9	1.0	22.2		8	945.1	25.0	65.0	154.2	1.8	21.6	
9	929.2	23.3	70.0	999.9	999.9	999.9		9	928.6	22.2	74.0	999.9	999.9	999.9	
10	950.6	24.1	51.0	175.2	3.8	25.8		10	950.9	25.0	67.0	174.5	3.6	24.5	

JULY 2, 1977 300 CDT								JULY 2, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.3	24.4	69.0	225.1	2.5	23.2		1	932.3	23.9	71.0	203.2	2.3	22.1	
2	919.1	23.3	71.0	159.3	2.4	21.7		2	919.4	22.8	73.0	173.0	2.7	21.7	
3	931.3	24.4	52.0	155.8	3.1	24.6		3	931.3	24.4	64.0	190.0	4.1	24.3	
4	935.7	23.3	67.0	190.4	3.3	22.5		4	936.0	22.2	75.0	210.7	2.0	20.5	
5	922.5	23.3	73.0	179.3	4.3	21.6		5	922.5	21.7	77.0	160.0	2.3	20.8	
6	937.7	22.8	77.0	180.4	1.4	19.8		6	938.0	22.2	80.0	175.2	1.0	19.2	
7	939.0	23.9	69.0	172.6	2.3	23.1		7	939.4	23.9	71.0	165.9	1.8	22.8	
8	945.5	24.4	72.0	155.0	2.4	21.4		8	945.5	23.9	77.0	155.0	2.2	20.1	
9	928.6	22.2	78.0	999.9	999.9	999.9		9	928.6	22.2	80.0	999.9	999.9	999.9	
10	951.2	24.4	72.0	142.2	3.0	24.3		10	951.2	23.9	78.0	129.0	1.8	23.2	

JULY 2, 1977 500 CDT								JULY 2, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.3	24.4	70.0	201.9	4.2	22.2		1	932.6	23.9	73.0	195.6	3.9	21.9	
2	919.4	22.8	76.0	165.1	2.5	20.6		2	919.4	21.7	80.0	163.6	2.5	20.0	
3	931.3	23.9	69.0	185.4	4.0	23.9		3	931.6	22.8	73.0	176.3	2.7	22.6	
4	935.7	21.1	79.0	189.7	3.1	20.8		4	936.3	21.7	83.0	182.1	3.6	21.0	
5	922.5	21.1	82.0	170.8	2.8	20.3		5	922.1	20.6	86.0	157.9	3.4	19.3	
6	938.0	21.7	84.0	167.7	1.6	19.4		6	939.0	21.1	89.0	147.5	2.4	19.1	
7	939.4	23.9	79.0	151.7	2.2	22.0		7	939.4	22.8	82.0	140.9	1.8	21.3	
8	945.8	23.9	80.0	160.8	2.8	20.2		8	945.8	23.3	86.0	140.9	2.0	19.5	
9	929.9	21.7	84.0	999.9	999.9	999.9		9	929.9	21.7	88.0	999.9	999.9	999.9	
10	951.6	23.9	79.0	136.7	2.3	23.5		10	951.9	23.9	82.0	131.1	1.9	22.6	



JULY 2, 1977 700 CDT								JULY 2, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	932.6	22.8	80.0	181.2	0.8	21.0		1	933.0	23.9	81.0	193.6	0.8	22.7	
2	919.4	21.1	86.0	148.8	3.6	19.4		2	919.4	21.1	87.0	161.4	4.6	20.6	
3	931.6	21.7	81.0	167.0	1.9	22.1		3	931.9	22.2	83.0	151.6	2.2	23.3	
4	936.3	21.1	87.0	181.3	3.7	20.3		4	936.7	21.1	88.0	171.1	4.8	22.3	
5	922.1	21.1	80.0	163.2	3.0	19.0		5	922.1	22.8	86.0	179.5	5.8	20.9	
6	938.0	21.1	92.0	146.1	2.9	19.4		6	938.4	21.1	92.0	167.8	3.5	20.4	
7	939.4	22.2	95.0	86.2	0.5	19.9		7	939.7	21.1	87.0	114.9	1.5	21.2	
8	945.9	27.9	90.0	137.0	2.7	19.2		8	946.2	22.8	91.0	146.4	3.0	20.3	
9	928.9	20.6	94.0	99.9	999.9	999.9		9	928.9	20.6	94.0	999.9	999.9	999.9	
10	952.3	22.8	96.0	121.5	2.0	21.9		10	952.3	23.3	80.0	135.7	3.0	23.0	

JULY 2, 1977 900 CDT								JULY 2, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	933.0	25.6	77.0	190.0	6.0	24.7		1	933.0	26.7	74.0	198.6	6.3	26.3	
2	919.7	22.2	87.0	181.8	5.1	22.2		2	920.1	23.9	79.0	168.2	6.4	24.4	
3	931.6	23.9	79.0	184.3	6.1	25.5		3	931.9	25.0	71.0	184.9	5.6	26.1	
4	937.0	23.3	80.0	183.9	6.7	23.9		4	936.7	25.0	72.0	193.0	7.3	25.2	
5	922.1	24.4	90.0	184.0	7.0	22.8		5	922.8	26.1	70.0	179.5	7.3	24.6	
6	938.7	27.3	85.0	164.4	4.4	22.7		6	938.4	25.0	76.0	177.0	5.3	23.8	
7	939.7	23.9	94.0	166.3	4.9	24.8		7	940.1	26.1	70.0	176.5	4.7	26.9	
8	946.5	23.4	95.0	143.3	4.9	22.4		8	946.8	26.1	75.0	165.2	5.0	24.3	
9	929.9	23.9	75.0	99.9	999.9	999.9		9	929.2	26.1	66.0	999.9	999.9	999.9	
10	952.3	26.1	66.0	173.8	5.5	26.3		10	952.3	26.7	64.0	185.1	5.5	27.0	

JULY 2, 1977 1100 CDT								JULY 2, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	933.0	27.8	67.0	203.0	5.8	25.8		1	933.0	28.9	61.0	187.0	5.7	28.6	
2	920.1	25.6	70.0	189.7	6.3	25.1		2	919.4	27.2	60.0	188.6	6.6	28.1	
3	931.6	26.1	63.0	191.7	5.6	27.7		3	931.6	28.3	54.0	171.5	5.2	29.0	
4	937.0	25.6	63.0	190.5	6.7	25.4		4	937.0	26.7	60.0	185.8	6.7	27.2	
5	927.5	29.3	55.0	187.4	6.7	26.4		5	923.5	30.0	48.0	191.4	7.4	27.8	
6	939.4	26.7	67.0	178.5	5.7	25.3		6	939.4	27.8	61.0	179.2	5.4	28.1	
7	939.7	27.8	62.0	190.3	4.9	23.6		7	939.7	28.9	55.0	174.3	4.6	29.9	
8	946.5	27.8	66.0	163.1	6.2	25.2		8	946.5	29.4	57.0	159.2	5.2	29.0	
9	928.0	27.2	65.0	188.9	5.2	25.1		9	929.6	29.9	56.0	183.5	5.9	27.6	
10	952.3	27.8	60.0	172.1	4.7	27.5		10	951.9	29.4	53.0	185.1	4.6	30.0	

JULY 2, 1977 1300 CDT								JULY 2, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	972.3	30.0	54.0	194.2	6.1	30.4		1	930.9	31.7	46.0	173.4	6.4	31.4	
2	918.4	30.6	49.0	175.4	6.5	30.2		2	917.4	31.7	43.0	171.4	6.4	31.7	
3	971.3	29.4	50.0	174.2	6.0	29.9		3	930.2	30.0	44.0	168.0	6.0	31.5	
4	974.3	29.9	54.0	176.5	6.5	29.4		4	935.7	29.4	49.0	163.2	6.5	30.1	
5	927.5	31.1	40.0	169.9	6.7	30.1		5	922.8	32.2	35.0	163.7	6.8	31.4	
6	979.0	29.4	55.0	179.0	4.8	29.3		6	937.0	30.6	50.0	175.8	5.9	30.6	
7	939.0	30.6	52.0	182.0	5.6	32.0		7	938.7	31.7	48.0	164.6	5.7	33.0	
8	946.2	30.6	51.0	172.3	5.0	30.5		8	945.5	32.2	43.0	162.3	5.8	31.2	
9	928.2	29.4	53.0	182.2	5.8	28.4		9	927.5	30.6	52.0	172.3	6.5	29.2	
10	951.5	30.6	47.0	186.2	5.2	31.5		10	950.6	31.7	46.0	181.1	6.7	31.6	

JULY 2, 1977 1500 CDT								JULY 2, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.9	30.8	40.0	181.3	6.3	32.3		1	930.2	33.3	38.0	171.7	6.8	32.6	
2	916.7	32.2	39.0	158.6	6.6	32.0		2	915.0	32.8	37.0	162.3	6.2	32.4	
3	929.6	32.2	39.0	165.6	7.0	33.2		3	929.9	32.2	35.0	164.3	6.5	33.1	
4	935.0	31.1	44.0	174.4	7.5	30.9		4	924.0	31.1	41.0	165.2	7.7	31.3	
5	927.5	32.8	34.0	165.3	7.1	32.0		5	922.1	33.3	32.0	177.0	7.7	32.3	
6	936.7	31.7	47.0	172.9	6.2	30.1		6	935.7	31.7	44.0	174.2	7.2	31.5	
7	938.0	32.2	47.0	177.3	6.2	34.0		7	937.4	33.3	39.0	177.5	6.2	33.3	
8	944.8	33.3	39.0	153.0	6.3	31.7		8	944.1	33.3	38.0	168.9	6.5	32.0	
9	926.0	31.1	49.0	176.0	6.1	30.0		9	926.2	31.7	46.0	165.4	6.4	30.3	
10	950.2	31.7	45.0	180.1	6.5	32.0		10	949.5	31.7	42.0	187.3	6.7	31.7	

JULY 2, 1977 1700 CDT								JULY 2, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.6	33.3	37.0	175.1	7.0	33.1		1	929.2	33.3	37.0	179.2	7.3	32.7	
2	915.3	32.8	39.0	160.1	7.1	32.4		2	914.7	31.7	39.0	158.2	7.4	31.5	
3	929.6	32.2	35.0	174.4	6.9	33.4		3	923.2	32.2	37.0	164.2	7.3	33.0	
4	933.6	31.7	40.0	157.8	8.4	30.9		4	933.3	31.1	40.0	167.0	7.9	30.5	
5	921.4	32.2	33.0	167.9	5.3	32.0		5	920.8	32.2	33.0	173.1	8.4	30.7	
6	935.7	32.2	44.0	167.6	7.1	31.2		6	935.0	31.7	42.0	169.0	6.8	30.5	
7	937.0	33.3	40.0	162.0	6.8	33.3		7	936.7	33.3	39.0	162.5	6.2	33.5	
8	947.9	32.8	36.0	155.6	6.5	31.6		8	943.5	32.8	37.0	158.3	6.6	31.3	
9	925.9	31.1	44.0	177.1	6.3	30.3		9	925.2	31.1	44.0	169.9	5.9	30.1	
10	949.9	32.2	39.0	177.8	6.4	31.7		10	949.5	32.2	37.0	178.6	6.3	32.0	

JULY 2, 1977  
2000 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	928.9	32.2	40.0	171.2	7.8	30.6
2	914.7	31.1	41.0	164.7	7.8	30.6
3	927.5	31.7	39.0	165.5	7.4	31.9
4	937.0	30.6	40.0	170.1	7.1	30.3
5	920.1	31.7	36.0	169.9	8.0	30.9
6	936.6	31.1	44.0	172.7	6.2	30.1
7	945.0	32.2	39.0	171.9	5.9	32.7
8	942.8	32.2	39.0	157.6	5.7	30.2
9	928.8	30.6	45.0	172.4	6.3	29.2
10	927.6	32.2	35.0	184.4	5.5	31.8

JULY 2, 1977  
2200 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	929.6	27.8	54.0	172.8	3.2	26.6
2	915.0	27.2	51.0	165.9	6.4	26.5
3	927.9	28.3	40.0	168.1	5.1	27.9
4	932.6	26.1	50.0	168.1	3.6	25.4
5	919.4	26.1	50.0	171.7	6.5	25.1
6	935.0	27.2	52.0	167.0	4.1	25.8
7	935.3	29.3	48.0	168.9	3.8	27.2
8	942.8	28.3	48.0	160.0	4.2	26.0
9	925.2	25.6	63.0	171.5	3.4	21.7
10	949.5	27.2	51.0	173.4	2.2	26.2

JULY 2, 1977  
2400 CDT

STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C
1	930.9	26.7	57.0	190.6	4.5	24.9
2	916.7	25.0	61.0	169.8	5.1	23.5
3	929.6	25.6	56.0	175.7	4.4	24.4
4	934.3	24.4	60.0	180.8	5.7	23.8
5	920.4	23.9	60.0	173.3	6.4	22.5
6	934.3	24.4	65.0	174.7	2.5	21.3
7	939.0	25.0	61.0	173.0	2.2	24.1
8	944.1	26.1	60.0	165.2	3.0	22.9
9	926.5	23.3	75.0	167.6	2.1	19.5
10	949.9	24.4	67.0	148.8	1.6	23.3

JULY 3, 1977 100 CDT								JULY 3, 1977 200 CDT							
STAT NO.	PRES MP	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.9	25.0	65.0	151.0	5.1	23.1		1	931.3	24.4	70.0	192.9	4.8	22.6	
2	917.0	23.9	49.0	160.9	4.8	22.0		2	917.0	22.2	73.0	161.8	4.3	21.1	
3	929.9	24.4	63.0	178.0	3.9	23.5		3	929.9	23.3	67.0	183.6	3.2	22.4	
4	934.6	23.9	65.0	177.6	3.5	22.3		4	934.6	21.7	74.0	176.1	2.3	20.2	
5	920.1	22.8	65.0	172.1	5.3	21.3		5	920.1	21.7	70.0	166.7	4.8	20.5	
6	926.7	22.8	74.0	161.6	2.6	20.7		6	936.7	21.7	80.0	151.5	1.9	18.7	
7	974.0	23.9	66.0	141.6	1.2	22.6		7	938.0	22.2	72.0	129.7	1.4	20.3	
8	944.5	24.4	70.0	155.3	1.8	20.9		8	944.5	23.3	76.0	133.6	2.5	20.0	
9	974.5	22.2	81.0	164.9	2.3	18.4		9	925.9	21.1	84.0	155.9	3.3	17.9	
10	950.6	25.0	64.0	148.5	3.3	23.8		10	950.6	24.4	66.0	151.0	3.5	23.0	

JULY 3, 1977 300 CDT								JULY 3, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.3	23.3	75.0	190.5	3.8	21.3		1	931.6	22.8	77.0	186.6	3.7	20.8	
2	917.0	21.7	79.0	164.4	3.4	20.6		2	917.4	21.1	83.0	163.1	4.5	20.0	
3	929.9	22.8	69.0	173.6	2.6	21.8		3	929.9	21.1	76.0	164.4	2.8	20.3	
4	934.6	21.1	72.0	170.5	4.8	19.6		4	934.6	21.1	78.0	180.2	5.5	20.3	
5	920.1	20.6	74.0	169.1	5.4	19.8		5	919.7	20.6	77.0	171.9	5.2	19.2	
6	926.7	20.6	84.0	155.9	2.8	19.5		6	936.7	20.6	85.0	160.2	3.2	18.1	
7	929.0	21.1	80.0	158.0	3.0	21.3		7	938.0	21.7	78.0	172.1	3.6	21.8	
8	944.5	23.3	77.0	152.0	3.1	21.9		8	944.5	23.3	77.0	156.4	4.1	20.5	
9	926.9	21.1	87.0	153.9	3.4	19.2		9	925.9	21.1	83.0	155.8	3.6	17.9	
10	950.6	24.4	69.0	147.6	3.7	23.0		10	950.6	23.3	74.0	148.3	2.6	22.2	

JULY 3, 1977 500 CDT								JULY 3, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	971.6	22.2	79.0	185.4	5.3	20.5		1	931.9	21.7	83.0	181.8	3.9	19.6	
2	917.4	20.6	89.0	160.6	3.5	19.3		2	917.4	19.4	89.0	166.0	4.2	18.2	
3	929.9	20.6	90.0	184.1	3.2	19.3		3	930.2	20.6	80.0	178.1	2.7	20.1	
4	934.6	21.1	79.0	141.6	5.2	20.0		4	935.0	21.1	82.0	175.1	4.5	19.3	
5	919.4	20.0	79.0	171.9	6.0	18.9		5	919.4	19.4	81.0	168.2	5.5	18.4	
6	927.0	20.6	86.0	167.2	3.2	19.2		6	937.0	20.6	88.0	162.4	2.4	18.0	
7	929.0	22.2	77.0	153.6	2.4	21.5		7	938.4	21.7	79.0	153.0	2.1	21.1	
8	944.5	23.7	79.0	151.2	3.4	20.1		8	944.5	22.2	83.0	160.5	2.9	19.4	
9	926.9	20.6	84.0	152.3	3.4	17.0		9	925.9	20.6	88.0	150.8	3.1	16.9	
10	950.6	23.3	90.0	145.3	2.6	22.0		10	950.6	22.8	83.0	112.6	2.8	20.8	

JULY 3, 1977 700 CDT								JULY 3, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SFC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.0	21.1	96.0	170.9	3.9	19.4		1	931.9	22.2	83.0	177.4	5.0	20.7	
2	917.4	19.4	90.0	165.6	3.6	17.9		2	917.7	20.0	89.0	160.2	4.6	17.7	
3	930.2	20.6	80.0	179.8	3.1	20.1		3	930.2	21.1	81.0	173.2	4.6	21.3	
4	935.0	20.6	87.0	165.8	4.2	19.0		4	935.3	20.6	86.0	177.7	5.7	21.6	
5	919.7	19.4	92.0	175.4	4.7	17.9		5	920.1	20.6	80.0	173.9	5.5	18.7	
6	937.0	20.0	91.0	166.6	2.5	17.4		6	937.0	20.6	92.0	165.5	2.6	18.0	
7	938.4	21.7	93.0	154.7	2.3	20.8		7	938.4	21.7	85.0	138.8	3.0	22.4	
8	944.5	22.2	99.0	142.7	3.1	19.2		8	944.8	23.3	87.0	146.9	4.6	20.1	
9	926.9	20.6	91.0	157.4	2.6	17.0		9	926.9	21.1	91.0	167.1	5.9	19.6	
10	950.4	22.8	82.0	107.5	3.1	20.9		10	950.9	23.9	75.0	135.1	3.0	23.1	

JULY 3, 1977 900 CDT								JULY 3, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SFC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.7	21.9	79.0	191.2	4.7	22.4		1	932.3	25.6	72.0	190.1	6.5	24.0	
2	917.7	21.7	85.0	165.6	7.8	20.4		2	919.1	23.9	76.0	165.3	7.3	22.0	
3	930.2	22.2	78.0	171.7	6.3	22.9		3	930.2	23.9	70.0	178.3	6.8	25.3	
4	935.7	22.9	90.0	185.0	6.9	23.7		4	935.3	24.4	72.0	182.2	7.4	25.5	
5	920.9	23.3	72.0	179.6	7.9	20.7		5	920.8	26.1	60.0	179.7	7.5	23.7	
6	937.4	21.7	82.0	166.0	4.1	21.0		6	937.0	24.4	75.0	168.8	6.2	23.5	
7	938.4	23.3	92.0	174.3	5.7	25.1		7	938.4	25.6	70.0	170.9	5.8	27.5	
8	944.8	25.0	92.0	145.4	5.2	20.8		8	945.1	26.1	73.0	159.3	6.2	23.6	
9	926.9	23.9	75.0	173.9	7.3	22.2		9	926.9	25.6	67.0	170.5	7.3	24.9	
10	950.2	25.0	69.0	169.1	4.7	24.7		10	951.2	26.7	62.0	181.3	5.8	25.8	

JULY 3, 1977 1100 CDT								JULY 3, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.9	27.8	61.0	192.9	6.7	25.9		1	931.6	29.4	51.0	188.1	6.4	28.6	
2	917.7	24.1	65.0	167.9	6.9	25.0		2	917.0	28.3	54.0	167.3	7.4	27.1	
3	920.9	25.1	59.0	175.9	6.3	29.1		3	929.6	28.3	48.0	174.5	7.2	29.9	
4	935.7	24.1	64.0	173.0	8.0	27.8		4	935.0	27.8	56.0	177.4	8.1	29.0	
5	921.4	29.2	49.0	177.5	7.8	26.2		5	921.8	30.0	40.0	186.5	8.0	28.4	
6	937.0	25.7	64.0	149.0	6.0	26.3		6	936.7	28.9	55.0	168.2	6.5	27.7	
7	938.4	29.3	59.0	172.1	6.2	29.4		7	938.4	29.4	50.0	167.3	6.7	31.3	
8	945.1	27.8	62.0	147.4	6.1	25.6		8	943.1	29.4	52.0	163.4	6.4	28.0	
9	926.9	25.7	61.0	172.3	7.4	25.0		9	926.9	28.3	53.0	175.6	7.1	26.7	
10	951.2	29.3	45.0	170.2	7.0	29.5		10	950.2	30.0	40.0	177.3	6.5	30.3	

JULY 3, 1977 1300 CDT								JULY 3, 1977 1400 CDT							
STAT NO.	OPES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.0	31.7	45.0	197.9	7.2	70.8		1	930.2	32.2	40.0	186.2	6.8	31.9	
2	916.7	30.6	44.0	175.1	7.8	23.3		2	916.0	31.1	40.0	178.6	7.2	29.6	
3	929.6	29.4	45.0	178.7	7.1	31.1		3	929.9	31.1	39.0	176.6	6.8	31.9	
4	934.6	29.4	50.0	190.4	8.3	70.6		4	934.3	30.6	43.0	176.7	8.1	31.8	
5	921.9	31.1	37.0	184.4	8.5	29.9		5	921.4	31.7	35.0	168.4	7.8	30.7	
6	936.7	30.0	50.0	165.9	6.9	29.4		6	936.0	31.1	44.0	167.8	6.8	29.8	
7	939.4	30.6	44.0	171.3	6.4	31.9		7	938.0	31.7	39.0	173.7	6.0	32.8	
8	944.8	31.7	42.0	159.5	6.4	28.7		8	944.8	32.2	35.0	158.8	6.8	29.8	
9	926.5	29.9	49.0	165.1	7.2	28.4		9	925.8	30.0	44.0	171.2	7.0	29.4	
10	949.9	31.1	35.0	187.4	6.9	71.0		10	949.2	32.2	28.0	187.3	7.8	32.6	

JULY 3, 1977 1500 CDT								JULY 3, 1977 1600 CDT							
STAT NO.	OPES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.9	32.8	39.0	179.8	7.1	32.6		1	929.6	33.3	36.0	181.4	6.9	33.0	
2	915.7	31.7	40.0	168.8	7.4	30.5		2	914.7	32.2	36.0	154.8	7.2	31.3	
3	929.6	31.7	34.0	190.9	6.8	32.4		3	929.2	32.2	34.0	160.3	6.6	33.3	
4	937.6	31.1	39.0	175.9	8.8	31.6		4	933.3	31.7	34.0	165.1	7.7	32.7	
5	921.1	32.2	31.0	175.2	7.7	31.2		5	921.1	32.8	30.0	165.8	7.2	32.2	
6	935.7	31.7	41.0	158.3	6.3	30.2		6	935.0	32.2	38.0	163.1	5.7	31.0	
7	937.7	32.8	37.0	172.8	6.3	33.4		7	937.0	33.3	34.0	173.9	5.6	34.3	
8	944.6	32.8	32.0	155.1	6.6	30.9		8	944.1	33.9	27.0	145.8	6.3	31.4	
9	925.2	30.6	37.0	191.8	6.4	30.1		9	924.8	31.1	39.0	167.7	6.4	30.7	
10	948.5	32.8	27.0	194.6	8.0	33.4		10	947.9	33.3	25.0	182.0	7.7	33.6	

JULY 3, 1977 1700 CDT								JULY 3, 1977 1800 CDT							
STAT NO.	OPES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.2	32.3	34.0	179.7	6.7	32.9		1	928.9	33.3	33.0	161.8	5.7	32.5	
2	914.3	32.8	34.0	161.9	6.9	30.8		2	914.3	32.2	35.0	145.3	7.1	30.5	
3	0.0	32.8	30.0	165.1	6.4	33.9		3	0.0	32.8	30.0	150.7	6.8	33.1	
4	937.0	32.2	31.0	174.5	7.5	32.9		4	932.6	32.2	30.0	169.6	8.0	32.3	
5	920.9	32.2	30.0	163.2	7.4	31.7		5	920.4	31.7	33.0	163.4	7.7	31.5	
6	934.6	32.2	37.0	159.4	6.6	31.3		6	934.6	32.2	34.0	154.0	7.1	31.3	
7	936.7	32.9	30.0	169.0	6.1	34.3		7	936.0	33.9	30.0	158.7	6.7	33.9	
8	943.9	32.9	25.0	146.5	6.2	31.4		8	943.5	33.3	26.0	140.5	6.5	31.6	
9	924.9	31.1	40.0	173.4	5.2	30.6		9	924.5	31.1	40.0	156.1	5.8	29.7	
10	947.5	32.3	25.0	172.9	7.9	33.8		10	947.2	33.3	26.0	175.6	7.8	33.7	

JULY 3, 1977 1900 CDT								JULY 3, 1977 2000 CDT							
STAT NO.	PPFS MP	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.9	32.8	32.0	165.0	7.3	31.8		1	928.9	31.7	33.0	161.7	6.6	31.0	
2	914.0	31.1	38.0	144.1	7.8	27.2		2	914.3	30.0	42.0	144.9	7.7	27.8	
3	0.0	32.2	31.0	148.0	7.2	32.3		3	0.0	31.1	34.0	161.4	6.9	31.0	
4	932.7	31.7	30.0	167.4	8.7	31.7		4	932.3	30.6	33.0	165.2	7.5	30.6	
5	920.1	30.6	35.0	157.8	8.3	30.3		5	919.7	28.9	36.0	160.0	8.8	28.8	
6	934.3	32.2	36.0	167.3	6.8	29.7		6	934.3	31.1	38.0	159.9	6.0	28.5	
7	916.0	33.3	31.0	160.6	7.1	22.5		7	936.0	32.2	32.0	157.2	5.7	32.5	
8	943.5	32.8	27.0	141.4	6.1	30.1		8	943.5	31.7	28.0	142.3	4.9	29.2	
9	924.5	30.6	40.0	159.8	6.5	29.0		9	924.5	30.0	40.0	162.2	5.6	27.7	
10	947.2	32.8	27.0	165.6	6.5	33.1		10	947.5	31.7	28.0	163.6	5.8	31.7	

JULY 3, 1977 2100 CDT								JULY 3, 1977 2200 CDT							
STAT NO.	PPFS MP	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.2	30.0	39.0	169.2	5.8	28.6		1	929.9	28.3	39.0	166.2	4.3	27.5	
2	914.7	28.9	47.0	145.7	6.5	26.6		2	915.7	27.2	46.0	151.8	5.7	25.1	
3	0.0	30.0	35.0	152.5	6.1	29.0		3	0.0	29.3	36.0	156.8	3.9	27.8	
4	932.6	29.9	35.0	165.9	4.7	29.0		4	933.0	26.7	38.0	164.0	5.2	26.5	
5	920.1	27.8	40.0	165.2	8.0	27.3		5	920.4	26.7	43.0	167.5	6.8	25.9	
6	934.6	29.4	39.0	161.7	4.5	25.7		6	935.3	27.8	40.0	161.4	3.9	24.9	
7	936.7	31.1	31.0	166.2	4.4	30.0		7	936.7	29.4	33.0	162.1	4.7	28.7	
8	943.5	30.0	30.0	137.5	3.6	25.7		8	943.8	28.3	35.0	130.9	3.0	25.2	
9	924.8	28.3	40.0	159.8	5.1	25.6		9	925.5	27.2	40.0	163.1	4.3	24.5	
10	948.2	30.0	29.0	159.0	4.7	29.9		10	949.9	28.3	33.0	144.4	4.9	28.6	

JULY 3, 1977 2300 CDT								JULY 3, 1977 2400 CDT							
STAT NO.	PPFS MP	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.4	27.2	47.0	158.6	3.4	25.1		1	931.3	26.1	45.0	168.8	3.7	23.9	
2	916.7	26.7	47.0	158.8	5.2	24.0		2	917.0	25.0	47.0	154.0	5.0	23.2	
3	0.0	27.2	37.0	165.6	3.9	27.1		3	0.0	26.7	37.0	161.8	3.3	25.8	
4	934.0	26.1	37.0	154.2	4.4	24.9		4	924.6	23.9	43.0	157.6	6.0	24.4	
5	920.9	25.0	44.0	154.2	4.3	24.1		5	921.1	24.4	44.0	167.8	4.7	23.5	
6	936.0	25.1	42.0	150.9	3.1	23.2		6	936.7	24.4	49.0	121.9	3.1	20.2	
7	937.4	24.9	33.0	147.4	2.3	27.0		7	938.0	26.1	38.0	112.0	2.6	23.6	
8	944.9	26.7	38.0	134.6	3.1	23.2		8	945.5	26.1	42.0	126.8	4.6	23.3	
9	926.2	25.1	40.0	173.0	4.4	23.4		9	926.5	25.0	40.0	155.2	4.3	22.0	
10	950.2	27.2	40.0	147.3	5.2	27.3		10	950.6	26.7	42.0	149.1	5.6	26.5	

JULY 4. 1977 100 CDT								JULY 4. 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.5	24.4	47.0	159.1	3.3	22.9		1	932.3	24.4	48.0	179.7	4.9	22.7	
2	917.4	24.4	47.0	149.1	3.2	22.0		2	917.7	23.3	49.0	144.9	4.4	20.8	
3	0.0	24.4	47.0	155.1	3.7	22.6		3	0.0	23.3	45.0	152.4	3.7	22.6	
4	935.0	24.4	47.0	159.0	6.6	24.4		4	936.7	23.9	48.0	161.6	7.7	23.8	
5	921.1	27.3	44.0	167.6	4.6	22.1		5	921.1	22.8	43.0	159.1	6.0	21.7	
6	937.4	22.8	50.0	162.8	2.9	20.3		6	937.4	22.8	53.0	150.1	4.4	20.5	
7	929.4	27.9	42.0	139.6	3.9	24.4		7	938.7	24.4	47.0	132.3	3.7	23.6	
8	945.8	25.6	47.0	131.7	4.4	22.7		8	946.2	25.0	50.0	130.9	4.9	21.6	
9	927.2	23.3	45.0	146.0	3.0	20.1		9	927.5	22.8	51.0	130.7	2.9	18.8	
10	951.2	26.1	47.0	134.8	3.4	25.3		10	951.6	25.0	56.0	146.0	5.0	24.3	

JULY 4. 1977 300 CDT								JULY 4. 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.3	24.4	52.0	179.9	6.2	22.6		1	932.3	23.9	55.0	181.1	4.6	22.7	
2	917.7	22.2	49.0	139.0	4.5	20.1		2	918.1	21.7	52.0	140.2	4.5	18.1	
3	0.0	22.8	49.0	140.9	2.6	21.3		3	0.0	21.1	56.0	171.8	2.9	21.9	
4	936.7	22.3	52.0	166.9	6.8	22.8		4	935.7	22.8	59.0	182.6	6.9	22.6	
5	921.1	21.7	46.0	173.5	6.1	20.5		5	921.1	21.7	50.0	164.7	6.0	19.6	
6	937.4	22.8	56.0	157.8	5.2	19.9		6	937.7	22.2	60.0	160.7	5.4	19.3	
7	929.0	23.9	53.0	133.5	3.4	22.6		7	939.0	22.8	57.0	143.7	3.4	21.8	
8	946.2	27.9	54.0	133.0	5.1	20.7		8	946.2	23.3	60.0	150.8	4.4	20.9	
9	927.5	21.7	59.0	145.0	3.3	19.3		9	927.5	21.1	65.0	151.1	3.3	16.4	
10	951.6	27.9	64.0	154.7	4.1	23.1		10	951.6	22.8	66.0	152.6	4.1	21.9	

JULY 4. 1977 500 CDT								JULY 4. 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.6	27.3	60.0	166.3	5.7	21.8		1	932.6	22.8	65.0	190.9	6.6	21.1	
2	919.1	21.1	59.0	141.0	4.6	17.3		2	919.7	20.0	66.0	135.2	4.3	16.4	
3	0.0	21.1	61.0	171.5	2.9	21.2		3	0.0	21.1	65.0	166.7	3.9	21.1	
4	935.7	21.7	65.0	179.2	4.9	21.0		4	936.0	20.6	70.0	162.1	3.7	19.8	
5	921.1	21.1	57.0	156.3	5.5	19.0		5	921.4	20.6	63.0	165.6	4.9	18.3	
6	937.7	22.2	66.0	165.8	5.0	19.0		6	939.0	21.1	72.0	178.4	3.5	17.2	
7	929.4	22.2	64.0	156.0	4.2	21.2		7	939.4	22.2	66.0	165.6	4.1	20.4	
8	946.5	22.2	64.0	171.8	2.4	19.6		8	945.8	21.1	67.0	173.0	2.1	18.5	
9	927.9	20.6	73.0	151.8	4.5	16.5		9	928.2	20.6	75.0	159.3	5.1	15.5	
10	951.6	22.2	69.0	159.9	4.1	20.7		10	952.3	21.1	73.0	176.3	4.0	19.7	



JULY 4, 1977 700 CDT								JULY 4, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	977.0	22.2	69.0	193.8	6.0	20.7		1	933.3	22.8	70.0	191.1	5.5	21.7	
2	919.1	20.0	73.0	139.1	4.4	15.9		2	919.1	20.6	74.0	146.4	6.8	17.5	
3	0.0	21.1	67.0	174.7	2.7	20.6		3	0.0	21.1	69.0	173.3	4.2	22.4	
4	936.3	19.9	73.0	162.6	3.6	18.7		4	937.0	19.4	77.0	180.1	5.3	20.7	
5	921.8	20.0	69.0	162.9	5.1	17.9		5	922.5	21.1	66.0	165.7	6.3	18.8	
6	978.4	20.6	79.0	167.4	4.1	16.9		6	938.7	20.6	79.0	162.5	5.4	18.3	
7	930.7	21.1	69.0	185.3	4.3	19.4		7	940.1	20.6	73.0	163.0	4.4	20.1	
8	947.2	20.0	60.0	142.2	1.3	17.3		8	947.5	20.0	71.0	154.8	4.6	19.2	
9	928.6	19.4	81.0	154.9	5.6	15.8		9	928.9	19.4	83.0	161.0	6.4	17.7	
10	952.6	20.6	73.0	154.8	5.6	19.0		10	952.6	20.6	72.0	189.6	6.2	20.4	

JULY 4, 1977 900 CDT								JULY 4, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.6	23.9	65.0	190.6	6.5	23.1		1	934.0	26.1	52.0	195.4	6.7	25.9	
2	910.4	22.2	69.0	155.0	8.6	19.5		2	919.4	24.4	50.0	161.4	9.5	22.8	
3	0.0	22.2	66.0	180.3	5.7	24.0		3	0.0	24.4	53.0	181.5	6.1	26.5	
4	937.4	21.1	71.0	182.0	7.3	22.5		4	938.0	23.9	56.0	196.3	7.0	25.0	
5	923.1	23.9	52.0	171.9	7.5	21.3		5	923.5	26.1	38.0	168.8	8.3	24.4	
6	0.0	22.8	66.0	170.5	5.6	23.2		6	0.0	24.4	50.0	177.1	1.5	22.9	
7	940.7	22.2	72.0	171.5	5.1	23.3		7	940.7	24.4	59.0	173.1	5.7	25.9	
8	948.2	22.2	70.0	157.8	4.7	21.9		8	948.2	24.4	63.0	178.9	4.8	25.1	
9	920.2	21.1	75.0	172.3	6.5	20.5		9	929.6	23.3	55.0	166.3	6.3	24.0	
10	953.3	22.2	72.0	190.0	6.3	22.4		10	953.3	24.4	64.0	179.4	5.2	25.0	

JULY 4, 1977 1100 CDT								JULY 4, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	974.0	29.3	41.0	196.9	6.8	28.4		1	934.0	29.4	36.0	180.4	5.8	30.3	
2	910.4	26.7	42.0	157.5	8.1	24.9		2	919.4	28.3	37.0	150.6	7.4	27.0	
3	933.7	27.8	39.0	182.0	6.0	28.8		3	933.3	29.4	30.0	183.4	6.3	30.7	
4	938.0	26.1	45.0	179.7	6.1	27.1		4	938.0	28.3	34.0	177.2	6.7	28.8	
5	924.1	28.3	29.0	177.7	8.2	25.5		5	924.5	30.0	27.0	171.7	8.3	28.7	
6	0.0	26.7	40.0	177.1	5.2	25.5		6	0.0	28.9	33.0	160.9	5.8	27.9	
7	940.7	26.7	43.0	171.0	5.0	28.2		7	940.7	28.9	37.0	170.9	5.0	30.2	
8	948.5	27.2	47.0	170.3	4.5	27.4		8	948.5	28.9	37.0	163.3	4.6	29.3	
9	920.6	25.6	45.0	166.2	5.9	25.8		9	929.6	27.2	36.0	153.6	6.7	27.5	
10	953.7	26.7	50.0	179.5	5.3	27.8		10	952.9	28.3	45.0	170.2	5.3	29.7	

JULY 4, 1977 1300 CDT								JULY 4, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	933.6	30.6	29.0	199.1	8.0	31.7		1	933.3	31.7	25.0	183.0	7.0	33.0	
2	919.1	30.6	31.0	159.5	7.4	29.9		2	919.1	31.7	29.0	150.5	7.3	29.9	
3	933.0	31.1	24.0	174.3	6.1	32.1		3	932.3	32.2	22.0	166.1	6.6	33.2	
4	937.7	30.0	32.0	164.5	6.4	30.3		4	937.0	31.1	28.0	171.4	7.3	31.5	
5	924.9	31.1	25.0	167.0	8.8	29.8		5	924.5	32.2	24.0	170.4	8.1	31.2	
6	0.0	30.0	30.0	175.7	6.2	29.2		6	0.0	31.7	26.0	164.4	6.7	30.4	
7	940.7	30.6	32.0	163.7	5.1	31.7		7	940.4	32.2	27.0	157.0	6.6	32.5	
8	948.2	30.6	31.0	156.3	5.4	30.5		8	947.9	31.7	29.0	145.5	6.0	30.9	
9	929.2	28.9	32.0	156.8	6.8	28.9		9	928.6	30.0	31.0	159.1	6.9	29.2	
10	952.6	22.4	42.0	167.3	4.9	31.1		10	951.9	30.6	40.0	160.0	5.3	31.9	

JULY 4, 1977 1500 CDT								JULY 4, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	932.6	32.2	24.0	174.3	6.9	33.6		1	931.6	32.8	22.0	185.0	7.3	34.4	
2	917.4	32.2	25.0	156.8	7.4	30.4		2	915.7	32.8	25.0	149.8	7.1	31.4	
3	931.6	32.8	19.0	165.5	7.3	31.8		3	930.9	33.3	18.0	157.4	7.8	34.1	
4	936.7	31.7	28.0	164.8	7.0	31.4		4	935.7	32.2	28.0	174.6	7.0	32.0	
5	923.9	32.9	22.0	162.8	7.8	31.4		5	923.5	32.8	23.0	171.7	8.3	32.1	
6	0.0	32.2	25.0	162.0	6.8	30.9		6	0.0	32.8	25.0	160.5	7.0	32.0	
7	939.7	32.8	25.0	161.6	6.8	33.9		7	939.0	33.9	25.0	163.2	6.6	33.8	
8	947.2	32.2	29.0	140.2	5.7	31.4		8	945.5	32.8	28.0	137.9	6.3	31.5	
9	927.9	31.1	29.0	160.4	6.2	29.8		9	927.2	31.1	29.0	161.2	6.5	29.6	
10	950.9	32.2	35.0	160.4	5.5	33.0		10	950.2	32.8	31.0	162.8	6.1	34.0	

JULY 4, 1977 1700 CDT								JULY 4, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	931.3	32.8	22.0	173.8	7.3	34.0		1	930.9	32.2	23.0	178.1	7.2	33.4	
2	916.0	32.8	25.0	147.6	8.0	31.5		2	915.7	32.2	27.0	153.1	7.6	30.8	
3	930.6	33.3	20.0	157.9	8.0	34.2		3	929.9	32.8	22.0	162.6	6.7	33.7	
4	935.0	32.2	29.0	170.7	7.4	32.2		4	934.3	32.2	29.0	166.8	7.2	32.1	
5	922.9	32.8	24.0	152.9	8.4	31.4		5	922.5	32.2	25.0	165.2	8.2	30.8	
6	0.0	32.9	24.0	160.7	7.0	31.8		6	0.0	32.2	25.0	165.6	6.6	31.6	
7	938.7	33.9	25.0	160.8	5.5	34.1		7	938.0	33.9	25.0	160.0	6.3	33.7	
8	945.5	32.8	28.0	136.6	5.9	31.8		8	945.1	32.8	28.0	137.3	5.5	31.8	
9	926.5	31.7	30.0	162.3	6.9	29.5		9	926.2	31.7	30.0	161.3	6.2	29.4	
10	949.5	33.3	31.0	172.3	5.9	34.0		10	949.2	33.3	31.0	166.7	6.1	34.0	

JULY 4, 1977 1900 CDT								JULY 4, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	930.4	31.7	25.0	187.5	6.6	32.7		1	930.9	31.1	26.0	175.3	6.6	31.9	
2	915.7	31.7	29.0	150.8	7.7	30.4		2	916.0	30.6	32.0	152.9	7.1	29.2	
3	920.0	32.2	23.0	154.2	7.0	32.9		3	930.2	30.6	25.0	162.2	6.5	31.7	
4	934.7	31.7	25.0	152.0	7.3	31.2		4	934.3	30.6	30.0	162.6	6.5	30.3	
5	921.5	31.1	25.0	163.3	8.1	30.1		5	922.1	30.0	30.0	160.1	7.0	28.8	
6	0.0	31.7	28.0	157.9	5.9	30.4		6	0.0	30.6	32.0	163.3	4.5	29.2	
7	937.7	33.3	27.0	157.3	5.2	33.1		7	937.4	32.8	29.0	161.4	5.6	32.8	
8	944.8	32.2	29.0	139.1	5.6	31.2		8	944.8	31.7	30.0	137.8	4.6	30.1	
9	925.8	31.7	31.0	160.9	5.9	28.5		9	926.2	30.6	34.0	164.8	4.0	26.3	
10	948.0	32.8	37.0	150.5	5.5	23.3		10	948.9	31.7	36.0	147.1	5.8	31.5	

JULY 4, 1977 2100 CDT								JULY 4, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	931.7	29.4	30.0	174.2	4.5	29.6		1	932.3	26.1	37.0	176.4	2.4	26.2	
2	914.4	29.4	35.0	145.9	5.4	27.3		2	917.4	27.8	39.0	158.5	5.8	25.6	
3	930.0	29.4	30.0	161.6	4.7	29.5		3	931.6	27.8	36.0	162.7	4.3	27.9	
4	935.0	29.4	34.0	157.5	4.1	28.4		4	935.7	27.2	44.0	144.7	4.3	26.5	
5	922.1	27.8	36.0	154.5	6.4	26.1		5	922.8	26.1	41.0	147.2	5.6	24.0	
6	0.0	28.9	35.0	159.0	4.4	27.5		6	0.0	26.1	43.0	165.6	2.3	23.7	
7	937.7	31.7	33.0	169.4	2.9	29.6		7	938.4	29.4	39.0	165.8	2.5	27.5	
8	945.1	30.6	35.0	137.4	2.8	27.9		8	946.2	28.3	46.0	126.4	2.6	25.9	
9	926.9	29.9	40.0	156.9	2.3	23.2		9	927.5	26.1	48.0	128.5	2.0	20.3	
10	949.5	30.0	42.0	145.1	4.8	29.9		10	950.6	28.9	46.0	148.6	4.6	28.3	

JULY 4, 1977 2300 CDT								JULY 4, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	932.6	24.4	45.0	153.0	3.1	24.1		1	933.0	23.3	52.0	157.6	2.2	21.4	
2	918.4	26.7	44.0	159.5	5.5	23.8		2	918.7	25.0	50.0	155.0	5.1	23.0	
3	932.3	26.7	41.0	164.6	3.8	26.9		3	932.3	25.6	46.0	179.2	3.7	26.9	
4	936.7	26.1	47.0	146.4	4.7	25.7		4	936.7	24.4	54.0	148.8	4.6	24.4	
5	922.1	23.0	45.0	153.6	5.3	23.1		5	922.8	23.3	50.0	150.5	4.1	21.9	
6	0.0	25.0	50.0	167.2	3.4	22.6		6	0.0	23.9	55.0	147.9	3.3	21.4	
7	939.4	27.8	45.0	164.5	2.6	25.2		7	939.7	26.1	50.0	148.4	2.6	25.2	
8	946.9	27.2	52.0	132.9	3.7	25.3		8	947.2	26.1	55.0	127.4	3.4	22.5	
9	928.7	23.9	50.0	137.2	3.5	20.0		9	928.6	23.9	63.0	141.7	4.1	20.7	
10	951.6	28.3	50.0	155.9	4.0	27.5		10	951.9	27.2	54.0	154.4	4.5	25.9	

JULY 5, 1977 100 CDT								JULY 5, 1977 200 CDT							
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.3	22.8	59.0	174.3	2.2	21.0		1	933.6	22.2	61.0	171.1	2.8	20.8	
2	918.7	23.9	57.0	147.0	4.3	21.6		2	919.1	22.8	64.0	157.4	2.5	20.1	
3	932.6	24.4	52.0	164.9	3.0	25.2		3	932.6	22.8	59.0	172.1	2.5	22.6	
4	936.7	24.4	53.0	159.3	3.6	22.5		4	937.0	23.3	62.0	151.6	4.0	22.6	
5	927.9	22.2	59.0	147.5	3.3	20.3		5	922.5	22.2	63.0	158.7	5.4	19.9	
6	0.0	22.9	51.0	143.7	2.4	19.9		6	0.0	21.7	66.0	150.7	2.7	18.8	
7	939.7	24.4	59.0	147.8	2.6	23.5		7	939.7	23.3	64.0	156.0	3.3	23.5	
9	947.2	25.0	60.0	129.7	3.3	21.8		8	947.2	24.4	64.0	127.2	3.4	20.9	
9	928.6	23.9	64.0	148.8	4.3	19.9		9	929.6	23.3	70.0	149.1	4.3	19.3	
10	952.3	26.7	59.0	157.0	4.1	25.2		10	952.3	25.6	64.0	146.7	4.5	24.3	

JULY 5, 1977 300 CDT								JULY 5, 1977 400 CDT							
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	934.0	21.7	67.0	171.0	3.0	21.1		1	934.3	21.7	69.0	174.0	2.4	20.5	
2	919.1	21.7	72.0	123.0	1.9	19.4		2	919.4	20.6	77.0	137.0	1.5	17.4	
3	923.0	21.7	64.0	170.2	2.1	21.5		3	933.3	20.6	69.0	209.3	1.0	20.3	
4	937.0	22.8	56.0	143.4	4.5	22.3		4	937.0	22.8	69.0	172.2	4.0	21.3	
5	922.5	22.2	57.0	150.8	5.7	20.3		5	922.8	21.1	71.0	164.7	4.2	19.4	
6	0.0	21.1	71.0	159.3	2.5	18.9		6	0.0	21.1	76.0	149.5	2.8	18.5	
7	940.1	23.9	67.0	142.6	3.5	23.0		7	940.1	22.8	72.0	149.8	3.1	22.1	
8	947.2	23.9	70.0	132.4	3.1	20.5		8	947.2	23.3	76.0	135.7	2.6	19.7	
9	928.6	22.9	74.0	147.4	3.3	18.5		9	929.9	21.7	80.0	142.4	2.8	17.8	
10	952.3	25.0	70.0	149.9	5.2	23.7		10	952.3	24.4	74.0	168.9	4.6	22.5	

JULY 5, 1977 500 CDT								JULY 5, 1977 600 CDT							
STAT NO.	PPFS MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	934.3	20.6	75.0	187.0	1.4	19.4		1	934.6	20.0	79.0	193.1	1.5	18.6	
2	919.4	20.6	80.0	141.2	2.9	17.9		2	919.7	20.0	85.0	138.1	2.4	17.2	
3	933.3	20.6	71.0	189.6	1.3	19.9		3	933.5	20.0	75.0	190.7	1.2	19.4	
4	937.4	21.7	74.0	186.8	2.9	20.2		4	937.7	20.0	80.0	235.9	1.0	18.2	
5	922.9	20.0	74.0	165.6	2.9	19.1		5	922.8	19.4	80.0	159.0	3.0	17.1	
6	0.0	20.6	81.0	153.4	1.4	17.5		6	0.0	20.0	81.0	58.8	0.2	17.0	
7	940.1	22.2	79.0	144.9	1.5	20.4		7	940.4	21.7	81.0	174.9	1.8	20.3	
8	947.5	22.8	81.0	150.6	2.0	19.4		8	947.9	21.7	84.0	140.7	1.0	17.6	
9	928.9	21.1	85.0	156.1	3.3	17.2		9	928.9	20.6	88.0	178.4	1.6	15.9	
10	952.3	23.9	79.0	163.6	3.6	21.5		10	952.9	22.8	83.0	162.6	2.5	20.8	

JULY 5, 1977 700 CDT								JULY 5, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	934.6	20.0	87.0	150.5	2.0	18.8		1	934.6	21.1	83.0	183.0	3.9	21.3	
2	920.1	19.4	90.0	146.2	2.6	17.4		2	920.4	20.6	87.0	148.3	4.2	19.1	
3	933.6	19.4	79.0	180.1	1.3	19.0		3	933.6	21.1	78.0	161.1	3.3	21.9	
4	918.0	19.4	96.0	163.9	2.4	18.6		4	938.4	20.6	80.0	165.7	4.3	21.8	
5	922.9	19.4	91.0	160.8	2.5	16.2		5	922.5	21.1	77.0	160.7	4.6	18.8	
6	0.0	18.9	85.0	148.7	1.9	15.6		6	0.0	20.0	85.0	152.6	3.6	19.6	
7	940.4	21.1	84.0	109.9	0.5	19.0		7	940.7	20.6	88.0	150.5	2.5	22.4	
8	947.9	20.6	86.0	139.2	0.4	17.1		8	949.2	21.7	86.0	130.9	2.5	19.8	
9	929.2	19.4	92.0	171.2	3.0	17.3		9	929.6	20.0	92.0	173.2	5.2	20.1	
10	953.7	21.7	87.0	126.0	2.5	20.0		10	953.6	22.2	82.0	151.4	2.8	21.7	

JULY 5, 1977 900 CDT								JULY 5, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	915.0	27.3	77.0	185.3	5.9	23.5		1	935.3	25.0	72.0	186.4	6.5	28.2	
2	920.9	22.9	80.0	173.2	6.1	20.8		2	921.1	25.0	65.0	164.6	6.9	23.7	
3	934.0	27.3	77.0	177.2	6.0	23.9		3	934.3	23.3	65.0	169.2	5.5	26.2	
4	939.7	27.9	72.0	175.4	6.1	22.9		4	939.7	24.4	66.0	189.0	6.6	24.4	
5	927.1	27.9	69.0	176.1	6.3	20.9		5	924.1	25.6	60.0	183.4	7.2	23.0	
6	0.0	22.8	75.0	182.6	5.4	21.3		6	0.0	23.9	67.0	173.3	5.3	23.6	
7	941.1	22.2	93.0	180.8	5.1	23.9		7	941.4	24.4	72.0	179.8	4.9	26.0	
8	948.9	27.3	91.0	164.7	4.7	22.2		8	949.2	25.0	75.0	159.9	5.1	23.5	
9	920.0	21.7	84.0	171.1	5.6	22.3		9	930.2	23.9	74.0	172.1	5.9	23.6	
10	953.9	27.9	76.0	187.8	4.6	23.2		10	953.9	25.6	69.0	193.9	5.3	25.4	

JULY 5, 1977 1100 CDT								JULY 5, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	935.0	26.1	64.0	193.4	5.7	27.5		1	935.0	29.3	56.0	182.9	5.0	29.6	
2	921.1	25.7	59.0	170.9	5.2	25.1		2	921.1	29.4	48.0	173.9	5.4	28.0	
3	914.7	25.0	58.0	184.1	5.4	27.8		3	934.0	26.7	49.0	179.9	5.2	30.1	
4	939.7	26.1	60.0	199.3	6.3	26.2		4	939.7	27.8	52.0	185.2	5.4	28.8	
5	924.5	27.8	53.0	196.4	7.2	25.0		5	924.9	28.9	48.0	177.3	5.9	27.5	
6	0.0	25.6	60.0	178.5	5.2	25.2		6	0.0	27.8	52.0	182.3	5.2	27.2	
7	941.4	24.7	64.0	191.6	4.8	27.9		7	941.4	28.3	56.0	180.1	4.6	29.8	
8	949.2	25.7	67.0	156.5	5.1	24.9		8	949.2	28.3	58.0	144.9	5.0	27.4	
9	970.2	25.6	66.0	169.1	5.5	25.1		9	930.2	27.2	59.0	177.3	5.5	28.1	
10	957.9	26.7	64.0	191.0	4.6	26.5		10	953.6	27.8	59.0	172.8	4.3	28.4	

JULY 5, 1977 1300 CDT								JULY 5, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	974.7	30.0	49.0	194.4	4.6	31.1		1	934.0	31.1	42.0	158.6	4.4	32.3	
2	920.4	30.6	42.0	147.6	4.8	30.1		2	919.7	32.2	37.0	155.0	4.4	30.8	
3	937.6	29.3	44.0	164.8	4.7	31.7		3	933.0	30.0	38.0	168.4	4.4	33.3	
4	978.4	29.4	46.0	189.5	5.1	30.0		4	978.0	30.6	41.0	181.0	5.1	30.8	
5	924.9	30.5	42.0	202.4	4.6	29.6		5	924.8	31.7	38.0	166.8	4.9	31.2	
6	0.0	29.4	46.0	179.9	4.5	29.9		6	0.0	30.6	40.0	174.3	4.6	30.6	
7	941.4	30.0	49.0	176.8	3.9	31.4		7	941.1	31.7	42.0	154.0	4.5	33.1	
8	948.0	30.0	51.0	151.3	4.1	29.0		8	948.5	31.7	43.0	145.7	4.0	31.3	
9	929.6	29.4	48.0	170.1	3.5	29.9		9	929.2	30.6	42.0	147.8	3.9	30.8	
10	957.7	29.4	53.0	163.6	4.0	30.7		10	952.6	30.6	45.0	156.3	4.1	31.2	

JULY 5, 1977 1500 CDT								JULY 5, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	977.7	32.2	39.0	191.2	4.6	33.8		1	932.6	32.8	34.0	177.3	5.7	34.2	
2	919.1	32.9	34.0	162.8	4.7	32.6		2	919.4	33.9	32.0	158.9	5.3	32.8	
3	972.5	31.1	37.0	147.0	4.8	34.3		3	931.9	32.2	31.0	141.8	4.9	35.0	
4	977.0	31.1	37.0	171.0	5.9	32.1		4	936.3	32.2	34.0	150.9	5.8	32.3	
5	924.9	32.3	35.0	152.5	5.1	31.9		5	924.5	33.9	31.0	129.5	4.9	32.7	
6	0.0	32.2	35.0	165.9	4.5	31.4		6	0.0	32.8	34.0	155.7	4.6	32.5	
7	940.4	33.2	37.0	149.7	4.5	34.2		7	939.7	33.9	32.0	156.0	4.0	35.0	
8	937.9	32.8	39.0	147.5	4.2	32.6		8	947.2	33.3	34.0	127.2	4.6	32.7	
9	929.6	32.2	35.0	162.0	4.3	31.7		9	927.9	32.8	31.0	142.6	3.9	32.2	
10	951.6	32.2	40.0	160.7	3.6	32.9		10	950.6	32.8	36.0	138.3	3.3	34.0	

JULY 5, 1977 1700 CDT								JULY 5, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	931.9	32.8	32.0	186.5	4.8	34.8		1	931.6	32.8	30.0	181.3	5.2	34.7	
2	917.7	32.9	29.0	140.3	4.8	32.8		2	917.4	33.9	29.0	128.3	5.6	32.7	
3	971.7	33.3	27.0	161.8	4.7	35.6		3	930.9	33.3	26.0	151.6	5.1	35.7	
4	975.7	32.2	37.0	144.6	5.6	33.1		4	935.3	32.2	32.0	148.0	6.0	32.7	
5	927.8	34.4	29.0	159.1	4.8	33.4		5	923.1	34.4	25.0	163.0	6.0	33.5	
6	0.0	32.8	31.0	145.8	5.4	32.7		6	0.0	32.8	31.0	161.8	4.7	32.7	
7	939.0	34.4	30.0	135.8	4.9	35.4		7	938.7	34.4	29.0	156.1	4.5	35.1	
8	946.5	32.3	34.0	130.9	4.9	32.7		8	946.2	33.3	33.0	129.2	4.5	32.7	
9	927.2	32.3	29.0	148.6	4.2	32.2		9	926.9	32.8	29.0	135.1	4.4	31.1	
10	950.2	32.9	34.0	141.6	3.5	34.4		10	949.9	33.3	34.0	132.5	3.9	33.4	

JULY 5, 1977 1900 CDT								JULY 5, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.3	32.2	70.0	177.5	5.0	74.0		1	931.3	31.7	30.0	168.3	4.9	33.2	
2	917.0	33.3	27.0	144.5	6.5	32.5		2	917.0	32.2	27.0	132.4	5.1	29.8	
3	930.6	33.3	25.0	154.8	5.5	34.7		3	930.6	32.2	27.0	151.5	4.5	32.0	
4	935.0	31.7	72.0	158.3	5.3	32.4		4	935.0	30.6	32.0	151.1	4.3	31.0	
5	922.9	33.2	26.0	144.0	6.4	32.4		5	922.5	31.7	28.0	152.0	6.7	31.1	
6	0.0	32.8	70.0	139.6	4.9	31.8		6	0.0	31.7	31.0	154.9	3.7	30.1	
7	938.0	34.4	29.0	150.5	4.6	34.8		7	939.0	33.3	29.0	153.9	3.8	34.7	
8	945.5	32.8	32.0	134.6	4.0	32.1		8	945.5	32.2	33.0	134.6	3.6	30.8	
9	926.5	32.2	33.0	140.6	4.4	30.1		9	926.5	31.1	32.0	128.7	2.5	28.0	
10	949.5	33.3	35.0	143.9	4.3	33.1		10	949.5	32.8	36.0	134.7	4.1	31.3	

JULY 5, 1977 2100 CDT								JULY 5, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.7	29.4	31.0	145.1	2.9	29.9		1	931.6	26.7	35.0	160.6	2.5	26.9	
2	917.0	70.0	30.0	134.8	3.6	27.0		2	917.7	28.3	37.0	126.6	3.7	24.7	
3	930.5	30.6	31.0	147.0	3.1	29.5		3	930.9	27.2	37.0	155.1	2.4	26.9	
4	935.0	28.3	39.0	155.0	2.9	27.4		4	935.3	25.6	48.0	144.8	3.2	25.1	
5	922.5	29.4	33.0	145.8	4.7	29.3		5	922.5	27.2	40.0	143.8	4.4	25.9	
6	0.0	29.4	74.0	139.6	2.5	26.3		6	0.0	26.1	44.0	123.7	3.2	24.2	
7	938.0	32.2	32.0	145.7	2.1	30.5		7	938.0	29.4	39.0	142.7	2.4	27.9	
8	945.5	30.6	73.0	122.0	2.9	29.2		8	945.8	28.3	44.0	122.3	1.7	25.2	
9	926.5	29.0	41.0	149.5	1.6	23.9		9	927.2	25.1	47.0	173.1	1.5	21.8	
10	949.5	31.1	39.0	130.5	3.3	29.2		10	949.9	28.9	45.0	133.4	2.7	25.8	

JULY 5, 1977 2300 CDT								JULY 5, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.6	25.0	47.0	163.9	2.2	24.8		1	933.0	25.0	47.0	159.3	2.6	24.4	
2	919.4	24.7	39.0	131.7	3.2	23.5		2	919.1	25.0	44.0	131.6	3.3	21.2	
3	931.9	24.7	41.0	147.5	4.1	25.5		3	932.3	25.6	47.0	152.8	3.2	25.2	
4	934.0	25.0	49.0	139.6	3.4	24.8		4	935.3	24.4	51.0	145.0	4.3	23.8	
5	922.5	26.1	44.0	152.0	4.2	24.7		5	922.5	25.0	46.0	166.8	3.6	23.3	
6	0.0	25.0	49.0	135.8	3.4	23.6		6	0.0	24.4	54.0	144.1	3.0	21.9	
7	939.7	27.8	46.0	137.5	2.6	26.4		7	939.0	25.1	51.0	152.4	3.0	25.5	
8	946.2	26.1	53.0	123.0	1.6	23.7		8	946.5	25.0	57.0	132.3	2.1	22.9	
9	927.5	24.4	54.0	162.2	2.6	21.0		9	927.9	23.9	59.0	147.9	2.1	19.5	
10	950.9	24.7	52.0	149.0	2.4	25.5		10	951.2	27.2	54.0	157.1	2.6	25.8	

JULY 6, 1977 100 CDT								JULY 6, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	973.0	24.4	52.0	171.6	2.9	24.2		1	933.0	24.4	55.0	189.6	3.3	24.0	
2	919.1	27.9	50.0	127.4	2.4	19.4		2	919.4	22.2	56.0	134.6	2.2	17.7	
3	922.7	27.9	54.0	168.5	2.3	22.5		3	932.3	22.8	59.0	181.0	1.6	21.2	
4	934.7	24.4	57.0	160.8	4.6	23.7		4	936.3	23.3	59.0	174.0	3.3	21.6	
5	922.5	27.3	51.0	169.9	3.4	21.4		5	922.1	21.7	55.0	164.8	2.8	19.5	
6	0.0	22.9	59.0	151.8	2.9	20.4		6	0.0	21.7	65.0	160.2	2.4	19.1	
7	939.4	25.0	55.0	159.3	7.0	24.1		7	939.4	23.9	61.0	195.5	1.9	24.0	
8	946.9	25.0	67.0	139.2	1.6	22.2		8	946.8	23.9	69.0	157.2	0.8	20.8	
9	928.2	22.2	67.0	151.9	1.9	19.2		9	928.2	21.7	71.0	155.3	1.0	16.9	
10	951.2	24.1	59.0	154.2	2.9	23.7		10	951.2	25.6	59.0	163.9	3.0	23.5	

JULY 6, 1977 300 CDT								JULY 6, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	973.0	27.3	50.0	195.0	3.6	23.1		1	933.3	21.7	65.0	206.5	2.4	20.9	
2	919.4	20.6	61.0	134.6	1.9	17.0		2	919.4	19.4	66.0	216.8	0.8	15.9	
3	922.7	22.2	63.0	174.5	2.0	20.6		3	931.9	22.2	63.0	186.6	4.1	21.5	
4	936.3	21.7	57.0	182.2	2.2	19.6		4	936.3	20.9	73.0	178.8	2.0	18.3	
5	921.9	20.6	61.0	153.8	2.9	19.0		5	921.4	20.0	66.0	177.8	2.9	17.3	
6	0.0	21.1	67.0	193.2	1.6	19.1		6	0.0	20.6	72.0	184.9	1.5	18.1	
7	939.4	27.9	63.0	196.9	1.6	23.2		7	939.4	22.8	66.0	191.6	2.0	22.6	
8	946.9	22.8	74.0	176.7	1.0	19.5		8	946.8	21.7	79.0	155.6	1.0	18.8	
9	928.2	20.6	77.0	189.6	1.3	16.0		9	928.2	20.0	79.0	156.9	1.4	15.6	
10	951.2	24.4	65.0	184.0	2.2	22.8		10	950.9	24.4	66.0	185.9	4.4	23.2	

JULY 6, 1977 500 CDT								JULY 6, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	973.7	20.6	72.0	218.9	2.9	19.6		1	933.3	21.1	71.0	210.2	2.4	20.5	
2	919.4	19.3	72.0	172.4	1.7	14.9		2	919.4	17.8	75.0	184.9	1.1	14.7	
3	932.7	22.2	62.0	207.0	2.6	20.9		3	932.3	22.2	63.0	190.1	2.7	20.5	
4	936.3	19.4	77.0	181.0	7.1	17.4		4	936.7	18.3	81.0	173.8	2.4	17.4	
5	921.4	19.9	71.0	183.2	2.5	15.8		5	921.1	17.8	75.0	165.7	2.2	14.8	
6	0.0	19.4	75.0	192.2	1.3	17.3		6	0.0	18.9	79.0	167.4	2.2	17.2	
7	939.4	22.8	69.0	195.9	2.2	22.2		7	939.4	22.2	70.0	177.6	1.1	21.1	
8	946.9	21.1	80.0	154.5	0.5	17.7		8	946.8	20.0	85.0	253.2	0.3	16.6	
9	927.9	19.4	82.0	172.5	1.8	14.9		9	928.2	19.9	85.0	40.4	0.8	14.8	
10	950.9	23.9	70.0	203.7	2.9	21.5		10	951.6	22.8	75.0	351.6	1.0	21.4	



JULY 6, 1977 800 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
I	1	934.0	70.0	225.3	1.3	19.1	1	934.0	21.7	77.0	183.0	2.8	22.1
I	2	919.7	74.0	154.4	0.6	14.5	2	920.4	18.9	76.0	176.5	1.3	17.9
I	3	932.6	59.0	155.5	2.4	19.1	3	933.3	21.1	69.0	157.1	2.0	22.1
I	4	937.0	19.0	169.3	2.5	17.8	4	937.4	20.6	75.0	170.6	3.9	20.7
I	5	921.1	19.3	163.7	3.2	15.1	5	921.8	20.6	77.0	161.7	4.4	17.7
I	6	0.0	19.9	179.8	2.3	17.4	6	0.0	20.6	76.0	172.2	4.2	20.0
I	7	939.4	21.1	189.5	1.2	20.2	7	939.7	20.6	79.0	187.5	2.7	23.5
I	8	946.9	19.4	281.9	0.3	16.3	8	945.8	20.6	90.0	126.1	1.3	19.9
I	9	928.2	17.8	191.5	1.7	18.6	9	929.6	18.9	88.0	160.6	3.2	20.1
I	10	951.0	27.9	185.5	3.2	21.3	10	952.3	22.8	78.0	167.1	2.8	23.4

JULY 6, 1977 1000 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
I	1	974.3	23.9	205.4	4.1	25.1	1	934.0	25.6	65.0	232.4	4.4	27.7
I	2	920.8	21.7	179.6	3.7	20.3	2	920.8	24.4	66.0	186.8	4.4	23.2
I	3	913.7	27.9	181.5	4.4	24.3	3	933.0	26.1	60.0	182.5	3.9	26.9
I	4	937.7	23.3	189.1	5.6	22.7	4	937.4	25.0	61.0	196.8	5.4	25.0
I	5	922.5	22.9	174.9	5.6	23.5	5	923.1	25.0	65.0	193.1	4.9	23.0
I	6	0.0	22.2	195.4	4.2	22.8	6	0.0	25.0	63.0	179.3	3.9	25.6
I	7	940.4	27.3	191.5	3.4	26.1	7	940.4	25.0	68.0	193.4	4.0	28.5
I	8	947.2	23.9	161.7	3.4	23.0	8	0.0	25.6	70.0	180.0	3.9	26.0
I	9	929.0	21.7	162.5	3.6	22.5	9	928.9	24.4	71.0	168.0	3.7	25.0
I	10	952.5	24.4	200.5	3.0	23.4	10	952.6	26.1	65.0	187.6	5.0	27.3

JULY 6, 1977 1200 CDT													
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C
I	1	934.0	27.8	219.3	3.9	30.0	1	933.6	28.9	50.0	196.1	3.5	31.8
I	2	920.4	26.7	180.0	4.4	23.9	2	919.7	29.4	46.0	145.5	3.9	28.2
I	3	939.5	27.8	195.2	3.3	27.3	3	932.3	29.4	46.0	159.3	4.2	31.2
I	4	937.4	26.7	157.6	4.0	28.0	4	937.0	28.9	47.0	182.2	3.8	29.7
I	5	923.1	28.3	178.1	4.8	28.6	5	923.5	30.0	45.0	165.0	4.3	29.0
I	6	0.0	27.2	209.4	3.9	28.5	6	0.0	28.9	45.0	170.7	3.5	30.6
I	7	940.1	27.8	161.0	4.1	30.2	7	940.1	30.0	53.0	165.7	3.0	33.4
I	8	0.0	28.3	159.9	3.8	27.8	8	0.0	30.6	50.0	167.4	3.3	30.3
I	9	928.6	26.7	167.5	4.1	27.1	9	928.2	28.3	52.0	145.3	3.5	29.9
I	10	952.9	29.3	195.8	3.4	28.9	10	952.3	30.6	43.0	204.2	3.5	30.8

JULY 6, 1977 1700 CDT								JULY 6, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.0	30.6	45.0	175.2	3.6	33.5		1	932.3	31.7	38.0	183.0	3.5	35.2	
2	910.1	31.7	37.0	142.9	4.0	30.8		2	918.4	32.8	33.0	151.5	3.8	32.3	
3	931.0	31.1	39.0	154.2	3.7	33.5		3	931.3	32.2	34.0	164.7	3.4	34.9	
4	934.7	30.6	40.0	160.7	3.8	30.9		4	936.0	31.7	36.0	139.2	3.7	31.9	
5	923.5	31.7	36.0	142.7	4.3	31.2		5	923.5	32.2	34.0	164.4	4.2	32.3	
6	0.0	30.6	41.0	164.9	3.7	31.5		6	0.0	31.7	36.0	172.4	3.2	32.7	
7	939.7	32.8	39.0	165.2	3.6	34.3		7	939.0	33.9	34.0	158.8	3.6	35.0	
8	946.2	32.2	39.0	166.4	3.0	31.2		8	945.5	32.8	35.0	146.9	2.8	32.3	
9	927.9	30.0	44.0	179.0	3.7	29.4		9	927.2	30.6	43.0	159.2	3.4	30.1	
10	951.6	31.7	40.0	174.3	3.4	33.0		10	950.9	32.8	36.0	158.4	2.5	34.7	

JULY 6, 1977 1500 CDT								JULY 6, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	971.6	32.8	35.0	206.9	2.5	35.8		1	930.9	33.3	32.0	193.7	2.6	37.0	
2	917.7	33.9	29.0	146.1	3.6	33.3		2	917.0	34.4	28.0	134.7	3.0	33.6	
3	930.6	32.8	31.0	144.1	3.4	35.9		3	929.9	33.9	28.0	137.4	3.6	37.7	
4	935.3	32.2	35.0	147.6	4.4	31.7		4	935.0	32.2	34.0	141.6	3.5	32.8	
5	922.9	32.2	34.0	176.4	3.9	32.2		5	922.5	33.3	31.0	134.9	3.6	34.9	
6	0.0	32.2	35.0	181.6	3.5	32.5		6	0.0	32.8	33.0	171.6	3.6	33.3	
7	938.7	35.0	31.0	167.1	2.4	35.8		7	938.4	35.0	31.0	177.6	3.1	35.8	
8	944.1	33.9	33.0	155.8	3.6	33.3		8	944.5	34.4	32.0	152.3	3.8	34.1	
9	926.9	31.1	40.0	170.0	3.6	32.8		9	926.2	32.2	38.0	133.9	3.5	32.4	
10	950.2	33.3	35.0	121.3	2.9	35.8		10	949.5	33.3	34.0	110.3	2.9	35.3	

JULY 6, 1977 1700 CDT								JULY 6, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.2	33.9	29.0	163.7	3.6	37.0		1	929.6	33.3	29.0	171.6	4.1	35.5	
2	914.4	34.4	25.0	132.0	3.8	33.9		2	915.7	33.9	27.0	129.3	4.0	33.3	
3	929.4	33.9	29.0	135.2	3.7	35.9		3	929.9	33.9	28.0	142.7	3.3	37.0	
4	924.0	32.8	32.0	176.3	3.7	32.4		4	933.3	32.8	32.0	159.6	3.2	32.7	
5	922.1	33.3	31.0	145.7	5.3	33.5		5	921.4	32.8	31.0	161.7	4.6	32.5	
6	0.0	33.3	31.0	152.6	3.1	34.6		6	0.0	33.3	31.0	154.9	4.0	32.7	
7	937.7	35.6	30.0	185.9	3.1	35.2		7	937.0	35.6	30.0	157.5	3.6	36.1	
8	944.1	34.4	30.0	125.9	2.9	33.8		8	943.1	34.4	30.0	121.5	3.5	34.1	
9	925.5	32.8	37.0	129.5	3.8	32.4		9	924.8	32.8	35.0	142.3	3.6	31.9	
10	948.9	32.8	36.0	107.6	3.4	33.2		10	948.2	33.3	34.0	152.9	3.7	34.2	

JULY 6, 1977 1900 CDT								JULY 6, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.2	33.3	30.0	179.7	4.6	34.8		1	929.2	32.2	34.0	175.8	3.6	33.9	
2	915.7	33.7	29.0	133.3	4.6	32.7		2	915.3	32.2	30.0	154.2	4.3	30.9	
3	929.5	33.3	23.0	157.0	4.0	35.9		3	929.9	32.8	30.0	163.2	4.3	34.3	
4	933.0	32.8	31.0	146.1	4.2	32.1		4	933.0	31.7	33.0	159.4	4.5	31.0	
5	921.1	32.2	31.0	147.0	4.4	32.5		5	921.1	31.7	35.0	157.3	5.5	31.6	
6	0.0	32.8	33.0	149.2	4.1	32.3		6	0.0	32.2	33.0	150.2	4.5	30.9	
7	936.7	34.4	30.0	151.5	3.7	35.0		7	937.0	33.3	31.0	148.2	3.8	34.6	
8	942.9	33.3	31.0	127.9	4.5	32.0		8	942.8	32.2	34.0	141.5	4.0	30.9	
9	924.5	32.2	35.0	128.7	3.2	30.8		9	924.5	31.7	36.0	136.4	2.6	29.2	
10	947.9	32.2	36.0	124.2	3.9	33.4		10	948.2	31.1	37.0	134.3	3.2	32.3	

JULY 6, 1977 2100 CDT								JULY 6, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	920.9	30.6	42.0	133.7	3.2	30.9		1	930.2	28.3	47.0	179.6	2.9	28.6	
2	915.7	30.6	34.0	149.8	2.9	29.5		2	916.0	28.3	39.0	137.0	3.0	26.5	
3	929.2	31.7	32.0	159.5	2.5	31.7		3	929.6	28.9	37.0	162.2	2.9	30.2	
4	933.7	30.0	39.0	155.0	3.4	27.8		4	933.6	26.7	47.0	144.2	3.1	25.3	
5	920.9	29.4	39.0	159.0	4.4	29.3		5	920.8	27.2	43.0	143.5	3.0	27.0	
6	0.0	30.6	39.0	137.4	3.2	27.4		6	0.0	28.3	44.0	135.7	2.4	24.9	
7	937.4	31.1	35.0	134.5	2.6	31.1		7	937.7	28.9	42.0	159.5	1.2	28.0	
8	942.8	30.6	39.0	124.1	1.6	29.4		8	943.1	28.3	48.0	119.3	1.1	26.0	
9	924.9	30.0	43.0	140.7	2.3	25.0		9	925.5	27.2	49.0	143.1	2.2	23.0	
10	948.2	29.9	45.0	142.5	2.1	29.1		10	948.5	27.8	46.0	152.5	2.2	27.3	

JULY 6, 1977 2300 CDT								JULY 6, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.5	26.7	54.0	194.9	2.3	25.9		1	931.3	25.6	56.0	193.0	2.2	25.8	
2	916.4	26.7	45.0	141.8	2.9	25.3		2	917.0	26.1	48.0	150.8	3.4	24.6	
3	929.9	27.8	44.0	177.7	1.9	27.6		3	930.2	26.1	51.0	189.0	1.9	26.7	
4	934.0	26.1	50.0	179.5	2.8	24.2		4	934.3	25.0	53.0	144.5	3.6	24.1	
5	920.8	25.1	47.0	151.8	3.4	25.8		5	920.8	25.0	50.0	169.1	4.0	24.1	
6	0.0	25.6	50.0	149.6	2.1	23.1		6	0.0	23.9	56.0	161.9	1.4	20.9	
7	938.0	27.2	49.0	159.5	1.3	26.8		7	938.0	26.1	51.0	184.0	0.9	24.8	
8	943.5	26.7	56.0	119.1	1.3	23.7		8	943.8	25.0	58.0	128.9	1.1	23.1	
9	925.9	25.6	54.0	169.9	2.3	21.0		9	925.8	23.9	60.0	155.3	2.3	20.2	
10	949.2	26.7	49.0	134.4	2.3	25.8		10	949.5	26.1	51.0	160.6	2.0	25.9	

JULY 7, 1977 100 CDT								JULY 7, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	931.7	25.6	55.0	187.4	3.1	25.6		1	931.3	23.9	60.0	158.6	2.3	23.3	
2	917.4	25.0	52.0	151.7	2.9	22.9		2	917.4	23.9	59.0	179.3	2.0	20.8	
3	930.2	25.0	53.0	191.0	1.9	25.9		3	929.9	24.4	54.0	145.2	1.3	23.5	
4	934.6	24.4	54.0	145.6	3.5	22.5		4	934.3	23.3	59.0	167.4	2.8	21.1	
5	920.4	23.7	56.0	165.6	7.1	22.0		5	919.7	22.8	57.0	182.9	3.2	21.9	
6	0.0	22.2	63.0	154.2	1.4	19.4		6	0.0	21.7	64.0	179.6	1.3	19.0	
7	938.0	24.4	57.0	148.3	1.6	24.3		7	938.0	23.9	58.0	167.0	1.1	23.2	
8	943.9	23.9	62.0	74.9	0.2	22.0		8	943.8	22.8	74.0	128.8	0.6	19.8	
9	926.2	23.3	63.0	176.7	1.1	19.3		9	925.8	22.2	66.0	168.4	2.4	18.6	
10	949.9	26.1	54.0	167.7	3.0	25.4		10	949.5	25.6	56.0	187.7	4.1	24.8	

JULY 7, 1977 300 CDT								JULY 7, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	930.9	22.8	65.0	206.9	2.0	22.5		1	930.9	21.7	71.0	207.0	2.0	21.5	
2	917.4	22.2	63.0	199.3	1.4	19.5		2	917.4	20.6	66.0	208.5	0.9	18.3	
3	920.9	22.2	62.0	194.9	1.6	22.7		3	929.9	22.2	63.0	202.7	2.4	23.5	
4	934.7	22.2	65.0	173.3	3.2	19.7		4	934.0	21.7	66.0	197.4	3.2	20.6	
5	919.7	21.1	62.0	224.3	2.2	19.9		5	919.4	21.1	63.0	206.7	3.0	19.6	
6	0.0	21.1	67.0	153.7	3.1	19.4		6	0.0	21.1	66.0	212.0	1.2	18.2	
7	937.7	24.4	57.0	191.0	2.8	23.5		7	937.7	24.4	58.0	183.7	3.5	23.9	
8	943.8	22.2	70.0	168.1	1.2	20.4		8	943.5	22.2	71.0	159.8	0.7	19.6	
9	925.5	21.7	71.0	163.9	2.6	17.7		9	925.5	21.1	72.0	186.4	1.9	17.1	
10	949.2	25.0	59.0	197.4	4.8	23.8		10	949.2	24.4	62.0	202.9	5.3	23.7	

JULY 7, 1977 500 CDT								JULY 7, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	930.9	21.1	73.0	201.3	1.9	20.3		1	930.9	20.6	74.0	204.2	2.1	20.2	
2	917.4	19.4	70.0	185.7	1.4	17.3		2	917.4	18.9	73.0	165.8	1.8	17.3	
3	926.9	22.8	59.0	209.2	3.0	23.3		3	929.9	23.3	59.0	221.8	2.6	23.5	
4	934.0	20.0	73.0	209.3	1.9	19.5		4	934.3	18.9	77.0	180.1	2.2	17.9	
5	919.4	19.4	69.0	208.9	2.1	18.5		5	919.1	18.9	72.0	189.1	1.9	18.1	
6	0.0	20.0	70.0	167.9	2.7	19.1		6	0.0	20.0	70.0	182.9	1.2	17.7	
7	937.7	23.3	63.0	213.7	2.2	22.7		7	938.0	22.8	65.0	192.7	2.4	21.7	
8	943.5	21.1	74.0	197.0	1.0	18.5		8	943.8	20.0	81.0	148.3	0.4	17.5	
9	925.5	20.0	78.0	163.7	2.4	16.7		9	925.8	20.0	80.0	162.2	1.3	16.0	
10	949.2	23.9	65.0	218.4	5.2	23.2		10	949.5	23.3	69.0	205.7	3.6	22.9	

JULY 7, 1977 700 CDT								JULY 7, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.9	21.1	74.0	221.9	3.0	21.3		1	931.3	23.3	70.0	206.9	3.6	24.6	
2	917.7	19.4	73.0	171.6	1.0	17.3		2	918.1	19.4	74.0	215.1	2.8	21.2	
3	930.2	22.8	61.0	189.9	3.0	23.1		3	930.6	22.2	63.0	192.4	2.2	24.7	
4	934.6	18.3	78.0	197.0	1.8	17.7		4	935.0	20.0	74.0	171.3	3.9	21.8	
5	919.4	19.4	75.0	189.2	3.4	19.2		5	920.1	21.1	73.0	199.9	3.8	20.1	
6	0.0	19.4	75.0	182.7	1.6	19.0		6	0.0	20.6	75.0	173.8	2.6	21.6	
7	939.4	22.2	69.0	234.7	1.0	20.8		7	938.7	23.3	69.0	192.4	3.2	22.8	
8	944.1	19.4	81.0	209.5	0.3	16.8		8	944.5	22.2	76.0	94.0	1.5	21.7	
9	926.2	19.4	92.0	223.9	1.6	16.8		9	926.5	19.4	83.0	190.6	2.2	19.8	
10	949.9	24.4	75.0	147.9	1.8	22.4		10	950.6	23.9	72.0	247.1	1.7	24.2	

JULY 7, 1977 900 CDT								JULY 7, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.6	25.0	67.0	227.7	5.3	26.7		1	931.9	27.2	56.0	229.2	4.6	29.8	
2	918.4	23.9	66.0	197.9	6.5	27.7		2	918.4	25.6	60.0	192.1	5.1	26.5	
3	930.9	23.9	61.0	205.0	4.6	26.5		3	930.9	26.7	55.0	216.2	3.8	29.6	
4	935.3	27.3	67.0	201.1	4.3	24.3		4	935.3	25.0	58.0	200.2	4.3	26.8	
5	921.1	23.9	67.0	202.5	6.0	23.1		5	921.1	25.7	58.0	199.0	4.8	26.0	
6	0.0	23.3	67.0	189.6	3.9	24.1		6	0.0	26.1	57.0	188.3	3.5	27.0	
7	938.7	25.1	65.0	133.5	4.3	26.4		7	938.7	28.3	54.0	198.2	4.1	29.2	
8	944.5	25.0	69.0	174.0	3.5	23.7		8	944.8	27.2	62.0	159.7	3.6	27.1	
9	926.5	22.2	80.0	184.7	4.3	22.0		9	926.5	24.4	70.0	198.0	4.2	25.5	
10	950.6	25.6	66.0	190.1	2.2	25.6		10	950.6	27.8	58.0	187.5	3.0	28.3	

JULY 7, 1977 1100 CDT								JULY 7, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.9	30.0	45.0	215.3	3.1	31.9		1	931.6	32.2	35.0	208.9	2.8	33.3	
2	919.1	29.3	42.0	224.7	3.8	29.9		2	917.7	30.5	42.0	159.6	3.0	30.9	
3	930.9	22.4	45.0	207.7	2.7	32.1		3	930.9	31.1	41.0	146.8	2.5	34.2	
4	935.3	27.2	53.0	203.0	3.7	29.4		4	935.3	29.4	45.0	185.1	3.4	31.3	
5	921.1	29.4	45.0	165.0	4.0	28.9		5	922.1	31.1	39.0	163.4	4.0	31.3	
6	0.0	28.3	50.0	181.6	3.4	29.3		6	0.0	30.6	41.0	182.5	3.1	31.1	
7	938.7	31.1	44.0	191.9	3.7	31.4		7	938.7	32.8	38.0	152.5	3.2	33.0	
8	944.8	30.0	51.0	164.1	3.1	30.4		8	944.8	31.7	40.0	167.9	2.8	32.2	
9	926.5	27.8	60.0	162.2	4.0	27.9		9	926.5	29.4	49.0	129.2	3.3	30.1	
10	950.6	29.9	47.0	204.4	2.5	30.5		10	950.2	30.6	44.0	182.6	2.5	33.3	

JULY 7, 1977 1300 CDT								JULY 7, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.3	32.8	32.0	184.4	3.6	33.4		1	930.6	33.3	31.0	182.6	3.1	33.4	
2	917.4	32.8	36.0	153.1	3.7	31.7		2	916.7	33.3	31.0	165.7	4.0	32.3	
3	930.6	32.2	39.0	179.0	3.6	35.6		3	929.9	32.8	35.0	170.4	3.7	35.1	
4	935.0	31.7	40.0	176.1	2.5	32.9		4	934.6	33.9	38.0	161.3	3.6	33.3	
5	922.1	32.2	35.0	167.9	4.6	32.1		5	922.1	32.9	33.0	142.4	3.5	33.7	
6	0.0	32.2	36.0	161.5	3.5	31.3		6	0.0	34.4	32.0	146.7	3.4	33.6	
7	938.0	33.9	35.0	149.0	3.8	33.8		7	938.0	34.4	33.0	155.2	3.7	34.5	
8	944.1	32.8	37.0	147.4	2.8	33.2		8	943.8	33.9	34.0	133.7	4.4	33.4	
9	926.2	30.6	44.0	147.8	3.3	30.8		9	925.5	31.7	41.0	154.3	3.4	31.5	
10	0.0	31.7	40.0	185.9	1.7	33.9		10	0.0	32.8	36.0	113.5	3.6	33.9	

JULY 7, 1977 1500 CDT								JULY 7, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.2	33.9	29.0	157.9	3.0	34.5		1	929.6	34.4	27.0	190.1	3.4	36.1	
2	915.7	23.9	20.0	144.8	3.5	33.1		2	915.0	35.0	26.0	140.7	4.5	33.1	
3	929.2	33.9	32.0	150.7	3.9	36.6		3	928.9	34.4	31.0	146.1	3.6	37.4	
4	934.0	34.4	34.0	155.6	3.7	34.0		4	933.6	33.9	34.0	189.5	3.7	34.1	
5	921.4	34.4	31.0	154.2	3.8	34.7		5	921.1	34.4	31.0	143.5	4.5	33.8	
6	935.3	35.0	32.0	143.7	3.0	34.3		6	934.6	32.8	33.0	155.3	3.5	33.6	
7	937.4	34.1	30.0	154.5	2.6	37.4		7	936.7	35.0	30.0	129.0	4.0	35.4	
8	943.5	34.4	32.0	123.3	3.7	33.9		8	942.8	35.0	29.0	115.9	3.5	34.9	
9	926.2	32.2	39.0	131.0	3.3	32.1		9	924.5	33.3	37.0	115.3	3.7	32.0	
10	0.0	33.3	32.0	141.4	3.0	35.6		10	0.0	33.9	32.0	128.5	2.7	34.7	

JULY 7, 1977 1700 CDT								JULY 7, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.0	35.0	26.0	163.2	4.0	34.9		1	929.6	35.0	26.0	198.1	3.2	36.4	
2	914.7	35.0	24.0	144.2	4.5	33.5		2	914.3	35.0	26.0	132.5	4.2	32.9	
3	927.9	33.9	31.0	147.0	4.5	37.1		3	927.5	33.3	32.0	157.1	4.2	35.0	
4	932.6	34.4	34.0	165.2	4.4	34.1		4	932.3	33.9	35.0	159.2	5.0	33.6	
5	920.4	33.9	37.0	134.2	5.6	34.2		5	920.1	33.9	32.0	141.2	5.6	33.5	
6	934.3	33.3	31.0	165.9	4.5	33.2		6	933.6	33.3	31.0	153.6	4.4	32.8	
7	936.7	35.6	29.0	144.5	4.6	35.6		7	936.0	35.6	27.0	123.6	3.9	35.4	
8	942.1	35.0	26.0	120.2	3.4	35.7		8	941.8	34.4	26.0	152.9	3.9	34.8	
9	923.9	33.3	35.0	134.4	4.0	32.0		9	923.5	33.3	34.0	114.0	3.7	32.2	
10	0.0	33.9	31.0	114.6	4.1	34.6		10	0.0	33.9	31.0	142.4	4.7	35.1	

JULY 7, 1977 1900 CDT								JULY 7, 1977 2000 CDT							
STAT NO.	PRES MP	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.4	34.4	26.0	166.7	3.7	35.4		1	929.9	33.3	28.0	179.8	3.7	34.2	
2	914.7	33.9	29.0	145.0	4.0	31.5		2	914.7	33.3	30.0	147.5	4.2	31.7	
3	927.5	33.3	32.0	141.3	3.7	36.2		3	927.9	32.2	33.0	163.0	3.8	34.5	
4	932.3	33.3	35.0	165.2	4.9	33.1		4	932.6	31.7	36.0	171.7	2.7	32.0	
5	920.1	32.8	32.0	161.5	4.9	32.6		5	920.4	32.2	33.0	149.8	4.2	32.1	
6	933.6	33.9	32.0	156.2	3.9	31.8		6	934.0	32.8	32.0	147.5	2.9	30.9	
7	935.0	35.0	27.0	147.7	3.6	35.1		7	936.0	34.4	27.0	147.9	2.9	35.4	
8	941.4	33.9	25.0	141.9	3.3	33.3		8	941.8	33.3	30.0	133.9	2.8	32.2	
9	923.5	33.3	24.0	139.7	2.3	31.4		9	923.5	32.8	34.0	116.3	2.2	31.6	
10	0.0	33.3	32.0	153.8	4.2	34.9		10	0.0	32.2	34.0	136.1	3.1	33.9	

JULY 7, 1977 2100 CDT								JULY 7, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	926.2	31.1	33.0	166.4	2.3	31.4		1	930.2	28.9	37.0	147.0	1.2	28.7	
2	915.0	31.7	32.0	131.3	3.7	29.7		2	915.7	29.4	36.0	136.5	2.2	26.3	
3	928.2	30.0	36.0	153.8	2.5	31.5		3	928.6	27.2	40.0	176.2	1.7	28.6	
4	933.0	29.9	45.0	150.9	2.8	29.4		4	933.3	27.8	50.0	141.3	2.9	26.1	
5	920.1	30.6	35.0	137.5	4.0	27.5		5	920.1	29.3	40.0	128.8	3.2	27.5	
6	934.3	29.4	43.0	152.3	2.0	26.7		6	934.6	27.9	43.0	130.1	3.0	25.3	
7	936.3	29.2	31.0	145.2	1.1	30.9		7	936.7	29.4	38.0	143.9	1.9	28.5	
8	942.1	31.1	35.0	122.9	1.8	29.7		8	942.4	28.9	42.0	133.2	1.6	26.9	
9	924.1	32.2	39.0	94.3	1.3	25.9		9	924.5	28.3	47.0	120.0	2.0	24.1	
10	0.0	30.0	41.0	122.5	1.8	30.4		10	0.0	27.8	45.0	140.5	2.3	28.6	

JULY 7, 1977 2300 CDT								JULY 7, 1977 2400 CDT							
STAT NO.	PRES MP	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.6	27.8	42.0	90.2	1.5	25.9		1	930.9	26.1	47.0	128.9	1.3	25.5	
2	916.4	27.2	41.0	132.1	3.1	25.0		2	916.7	26.7	44.0	149.1	3.6	23.9	
3	929.6	24.7	45.0	177.1	2.2	27.5		3	929.6	26.1	49.0	173.7	3.2	26.8	
4	934.0	24.7	52.0	139.4	3.5	25.5		4	934.3	26.7	52.0	153.3	4.3	24.8	
5	920.9	24.7	44.0	130.3	3.1	25.8		5	920.8	26.7	46.0	152.0	4.6	25.2	
6	935.3	26.7	47.0	137.8	3.0	24.3		6	935.7	25.6	51.0	160.4	2.1	22.7	
7	937.7	27.9	45.0	129.4	2.2	25.6		7	937.7	27.2	47.0	157.1	1.7	26.0	
8	943.1	27.2	47.0	131.5	1.9	25.1		8	943.5	26.7	50.0	134.5	1.8	24.2	
9	925.2	26.7	53.0	111.1	1.7	22.4		9	925.5	25.6	58.0	127.9	1.2	20.8	
10	0.0	27.2	50.0	166.4	1.4	27.3		10	0.0	25.6	55.0	135.0	1.2	25.7	

JULY 8, 1977 100 CDT								JULY 8, 1977 200 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRT)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRT)
1	071.7	26.1	51.0	215.5	1.0	21.0		1	931.3	25.6	50.0	156.4	1.4	24.7	
2	016.7	26.7	46.0	152.5	4.9	23.4		2	916.7	25.0	52.0	160.4	3.5	22.3	
3	029.6	25.6	52.0	187.2	2.7	25.8		3	929.6	24.4	56.0	179.9	2.0	24.9	
4	074.3	25.0	53.0	154.5	3.6	23.2		4	934.3	23.9	63.0	183.1	2.7	22.2	
5	070.4	25.0	50.0	167.6	3.8	24.2		5	920.1	23.9	54.0	176.6	3.0	22.6	
6	075.7	23.9	52.0	152.0	2.6	21.3		6	935.7	22.8	63.0	160.1	2.3	20.4	
7	077.7	24.1	50.0	164.3	1.8	25.0		7	937.4	26.1	51.0	167.0	2.4	24.9	
8	047.5	25.6	59.0	140.9	1.5	23.1		8	943.5	25.0	61.0	146.8	1.7	22.2	
9	025.5	27.9	64.0	143.1	1.6	20.4		9	925.5	22.8	67.0	152.1	2.4	18.9	
10	0.0	25.7	54.0	187.7	2.9	26.1		10	0.0	25.6	57.0	197.8	4.0	25.9	

JULY 8, 1977 300 CDT								JULY 8, 1977 400 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRT)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRT)
1	070.0	24.4	54.0	185.0	1.6	23.9		1	931.3	23.3	58.0	178.6	2.0	22.7	
2	016.7	23.9	53.0	156.3	2.4	21.1		2	917.0	22.8	62.0	170.9	2.3	19.9	
3	029.6	23.3	59.0	187.7	1.7	24.1		3	929.9	22.2	64.0	177.5	1.6	23.0	
4	074.3	23.3	67.0	189.2	2.4	21.5		4	934.6	22.0	72.0	177.9	2.4	20.8	
5	010.7	22.8	53.0	184.9	3.3	21.2		5	919.7	21.1	63.0	189.3	2.3	19.9	
6	075.7	22.8	45.0	172.3	1.6	19.7		6	935.7	21.7	68.0	173.1	2.0	19.8	
7	077.7	25.6	54.0	175.1	2.9	24.3		7	937.7	25.0	58.0	190.6	2.3	23.2	
8	047.5	24.4	64.0	165.9	1.7	22.3		8	943.5	23.9	69.0	165.5	0.9	21.2	
9	025.5	22.2	70.0	164.5	1.6	13.5		9	925.5	21.7	72.0	159.9	0.7	17.8	
10	0.0	25.6	59.0	197.3	4.7	25.3		10	0.0	24.4	64.0	181.8	1.6	24.8	

JULY 8, 1977 500 CDT								JULY 8, 1977 600 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRT)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRT)
1	071.4	22.8	62.0	195.2	2.3	21.9		1	932.6	22.8	64.0	232.0	2.0	21.9	
2	017.4	21.7	65.0	149.2	1.9	19.0		2	917.7	20.6	68.0	168.3	1.3	18.2	
3	030.2	22.2	65.0	179.6	1.5	22.7		3	930.6	20.6	70.0	125.2	1.0	21.2	
4	075.0	21.7	77.0	187.2	2.0	19.1		4	935.0	21.1	81.0	174.9	2.7	19.4	
5	017.7	21.1	66.0	180.5	3.0	19.7		5	920.1	20.6	70.0	176.4	2.1	19.5	
6	074.0	21.7	69.0	180.9	1.4	19.1		6	936.3	20.0	77.0	203.4	1.8	17.8	
7	074.0	23.9	67.0	190.1	2.0	22.3		7	938.4	23.3	66.0	170.4	1.7	21.9	
8	047.4	22.8	72.0	207.9	0.5	19.8		8	944.5	21.7	81.0	219.9	0.3	18.9	
9	025.5	20.6	77.0	147.5	1.3	15.9		9	926.2	20.6	79.0	113.2	1.6	17.1	
10	0.0	24.4	67.0	161.7	2.7	24.0		10	0.0	23.9	71.0	182.9	2.5	23.2	



JULY 8, 1977 700 CDT								JULY 8, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	937.3	22.2	67.0	58.5	1.8	21.3		1	934.0	23.3	67.0	68.0	1.2	24.0	
2	918.7	20.6	71.0	233.4	0.9	18.0		2	919.1	20.6	74.0	144.1	1.6	19.5	
3	931.7	19.4	76.0	295.9	0.6	19.5		3	932.3	21.1	74.0	39.5	0.8	23.1	
4	926.0	20.6	92.0	191.0	1.4	18.9		4	935.7	22.2	77.0	183.9	2.0	22.9	
5	920.4	20.0	76.0	160.0	2.0	13.9		5	921.1	21.1	74.0	178.2	1.4	21.2	
6	937.0	20.0	77.0	176.9	1.7	17.8		6	937.7	20.6	79.0	141.1	1.2	22.0	
7	939.7	22.8	69.0	276.5	0.6	21.2		7	939.7	23.9	65.0	148.9	0.7	24.0	
8	944.9	21.1	92.0	207.8	0.4	18.5		8	945.8	23.9	74.0	94.3	0.8	22.5	
9	925.9	20.6	87.0	145.3	1.7	16.7		9	927.9	21.1	78.0	161.0	2.0	20.0	
10	0.0	23.3	75.0	164.5	0.5	22.5		10	0.0	24.4	72.0	155.5	3.7	25.0	

JULY 8, 1977 900 CDT								JULY 8, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	934.4	25.6	60.0	352.7	0.9	25.7		1	935.0	27.8	53.0	282.3	1.7	29.3	
2	920.1	24.4	65.0	194.9	2.3	23.4		2	920.8	26.7	58.0	179.9	2.0	26.2	
3	937.0	25.0	64.0	221.1	2.2	29.2		3	933.3	26.7	59.0	335.2	1.6	28.7	
4	937.4	25.6	66.0	195.0	3.7	25.2		4	938.0	27.2	61.0	213.1	2.7	27.1	
5	922.5	24.4	62.0	199.0	3.6	24.1		5	923.1	27.2	51.0	200.2	3.0	26.8	
6	939.4	27.9	59.0	187.9	2.8	24.2		6	939.0	26.1	65.0	169.3	1.7	27.1	
7	940.4	25.7	65.0	178.4	3.5	26.8		7	940.7	27.8	59.0	195.1	2.6	28.8	
8	946.5	26.1	68.0	161.5	2.4	25.4		8	946.8	27.8	62.0	160.7	2.5	26.7	
9	920.2	27.9	72.0	178.7	3.3	22.8		9	929.6	26.1	64.0	160.3	3.3	25.3	
10	0.0	24.1	66.0	180.8	1.9	27.5		10	0.0	27.2	61.0	64.0	1.9	29.1	

JULY 8, 1977 1100 CDT								JULY 8, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	935.0	29.0	49.0	309.1	2.8	29.8		1	935.3	28.3	47.0	332.3	6.5	28.8	
2	921.1	29.9	51.0	325.1	2.4	25.5		2	921.1	31.1	45.0	11.5	3.7	27.5	
3	937.7	28.9	52.0	27.8	3.2	31.6		3	937.6	30.0	49.0	29.8	2.8	32.3	
4	929.0	29.4	55.0	280.3	1.8	29.9		4	939.0	31.1	50.0	303.3	2.0	29.8	
5	923.9	29.4	44.0	154.3	1.6	30.9		5	924.1	31.7	38.0	97.5	2.2	30.8	
6	939.0	29.3	57.0	129.1	1.2	31.0		6	939.4	30.0	50.0	41.0	2.0	29.6	
7	940.7	30.6	52.0	121.7	1.7	31.6		7	940.7	32.8	40.0	94.0	1.9	34.6	
8	945.8	30.0	54.0	173.3	2.0	30.7		8	946.8	31.7	46.0	73.9	1.5	31.1	
9	929.6	28.7	54.0	149.8	2.7	28.5		9	929.6	30.6	44.0	106.1	2.1	31.5	
10	0.0	29.9	55.0	164.4	2.7	30.7		10	0.0	30.6	53.0	29.9	3.0	31.2	

JULY 8, 1977 1300 CDT								JULY 8, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	935.7	27.8	55.0	19.4	7.1	28.3		1	935.0	28.3	58.0	23.8	6.3	27.9	
2	920.9	29.4	44.0	342.9	7.7	27.3		2	920.8	23.9	78.0	21.3	6.3	20.1	
3	937.0	31.1	45.0	36.4	3.6	33.1		3	932.6	28.9	50.0	29.7	8.4	30.3	
4	977.7	32.2	46.0	306.4	2.9	30.4		4	939.4	24.4	76.0	56.6	7.9	20.3	
5	924.1	31.1	38.0	77.2	5.1	29.5		5	923.1	26.7	49.0	153.5	4.1	26.0	
6	979.0	31.1	46.0	49.4	2.1	30.2		6	938.0	32.8	38.0	29.1	7.9	27.6	
7	940.4	34.4	36.0	32.8	3.7	30.1		7	941.1	30.6	45.0	316.6	6.4	18.9	
8	946.8	32.2	41.0	136.4	2.3	30.5		8	947.5	22.2	89.0	79.7	6.6	19.8	
9	929.6	31.7	39.0	133.5	3.4	31.5		9	929.9	32.2	37.0	115.8	3.5	32.0	
10	0.0	31.1	46.0	49.9	2.7	32.4		10	0.0	32.8	39.0	81.9	3.7	34.4	

JULY 8, 1977 1500 CDT								JULY 8, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	975.0	29.9	50.0	59.4	5.3	28.4		1	934.6	28.9	48.0	87.9	3.7	29.5	
2	920.4	25.6	66.0	6.8	4.1	23.0		2	922.1	22.2	83.0	118.0	8.0	18.5	
3	924.0	27.8	52.0	58.7	6.6	29.8		3	938.3	20.6	85.0	147.8	5.3	21.0	
4	939.0	20.0	92.0	61.8	5.6	19.0		4	939.0	19.4	91.0	15.8	1.2	17.9	
5	923.8	28.3	47.0	23.5	7.9	25.6		5	923.1	23.9	68.0	32.5	8.4	20.8	
6	940.1	20.6	86.0	334.6	3.9	15.7		6	940.4	18.3	91.0	0.7	4.1	15.6	
7	941.4	21.1	87.0	46.8	3.3	18.7		7	941.4	19.4	90.0	1.7	3.9	17.6	
8	947.5	21.7	86.0	6.6	4.4	19.1		8	947.5	21.1	88.0	349.3	4.5	17.6	
9	928.6	32.8	36.0	42.3	3.8	30.7		9	928.9	26.7	62.0	15.9	9.4	23.6	
10	0.0	29.4	57.0	7.5	5.6	28.7		10	0.0	30.0	51.0	11.9	5.7	31.0	

JULY 8, 1977 1700 CDT								JULY 8, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	935.3	24.4	64.0	189.1	5.1	24.3		1	934.6	25.0	62.0	150.3	3.1	24.9	
2	921.4	19.4	87.0	96.4	4.9	16.3		2	921.1	21.1	83.0	88.9	4.5	18.3	
3	974.0	20.6	87.0	127.5	2.3	21.0		3	933.3	20.0	88.0	66.5	1.1	20.8	
4	978.7	20.6	91.0	307.3	1.1	19.0		4	939.0	22.2	85.0	101.7	3.6	20.3	
5	921.8	19.4	81.0	70.1	7.9	17.6		5	921.4	20.6	87.0	127.8	5.4	18.6	
6	940.1	19.3	89.0	18.7	2.8	16.4		6	939.7	19.4	88.0	102.5	1.7	17.3	
7	941.4	20.6	85.0	9.0	3.3	18.6		7	940.4	20.6	86.0	269.1	1.6	18.7	
8	947.2	21.1	84.0	9.9	3.0	17.8		8	946.8	21.7	82.0	326.0	2.5	18.4	
9	929.6	22.8	77.0	28.9	7.4	20.3		9	929.6	23.9	65.0	20.1	4.9	21.5	
10	0.0	27.2	68.0	0.1	6.8	27.4		10	0.0	27.2	62.0	346.3	3.0	27.1	

JULY 8, 1977 1900 CDT								JULY 8, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	934.6	25.6	60.0	180.1	1.4	25.9		1	934.6	25.6	60.0	115.6	2.9	26.8	
2	921.1	22.2	75.0	105.1	3.5	20.5		2	921.1	23.3	70.0	107.9	2.5	21.6	
3	933.0	20.6	82.0	343.5	1.5	21.6		3	933.3	21.7	75.0	109.6	1.8	23.9	
4	937.7	22.2	87.0	99.2	4.7	20.4		4	937.7	22.2	80.0	10.3	0.7	21.6	
5	921.9	21.1	69.0	114.6	1.4	19.5		5	922.5	21.1	72.0	117.1	1.6	19.5	
6	939.0	20.6	84.0	97.7	2.9	18.1		6	939.0	20.6	83.0	169.0	1.4	17.8	
7	940.4	21.1	85.0	65.6	1.9	19.1		7	940.7	21.7	81.0	289.4	1.0	19.7	
8	946.8	22.2	81.0	49.0	1.6	19.0		8	946.5	22.2	75.0	142.2	1.3	18.7	
9	930.2	22.2	80.0	254.8	3.1	19.1		9	929.9	20.6	89.0	228.4	4.4	17.6	
10	0.0	27.2	57.0	69.4	1.3	27.5		10	0.0	26.7	64.0	243.0	6.4	26.9	

JULY 8, 1977 2100 CDT								JULY 8, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	934.6	24.4	65.0	128.9	7.3	24.8		1	935.0	22.8	70.0	207.0	1.3	22.1	
2	921.1	21.7	81.0	111.8	1.6	18.4		2	921.4	20.6	90.0	35.0	1.0	17.2	
3	933.3	21.7	77.0	139.1	0.4	22.4		3	933.3	20.6	80.0	251.3	1.1	21.2	
4	937.7	22.2	89.0	354.2	2.0	20.2		4	937.7	21.7	91.0	18.4	2.2	20.0	
5	921.1	21.1	65.0	177.3	2.2	19.6		5	921.8	19.4	76.0	47.0	2.0	18.1	
6	939.0	20.6	87.0	261.9	1.7	17.5		6	939.0	20.6	86.0	339.0	1.0	17.1	
7	940.4	21.7	83.0	233.9	1.8	19.8		7	940.4	21.1	83.0	324.8	0.8	19.4	
8	946.8	21.7	75.0	197.0	0.8	19.2		8	946.8	21.1	83.0	274.3	1.2	18.2	
9	929.9	21.1	70.0	103.0	1.9	18.4		9	929.6	20.6	76.0	38.9	1.3	17.3	
10	0.0	25.6	75.0	244.7	1.7	25.2		10	0.0	24.4	77.0	299.8	1.6	24.0	

JULY 8, 1977 2300 CDT								JULY 8, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	935.7	21.7	77.0	307.0	1.2	21.1		1	935.0	21.1	78.0	299.6	1.2	21.0	
2	921.4	19.4	90.0	356.4	1.5	17.1		2	921.8	19.4	89.0	358.6	2.3	16.7	
3	934.0	20.0	84.0	291.4	1.8	20.5		3	934.3	20.0	84.0	295.9	2.4	20.6	
4	939.0	20.6	91.0	234.0	0.9	19.7		4	939.4	20.6	92.0	318.7	1.3	18.9	
5	922.1	18.3	79.0	353.2	1.6	17.1		5	922.1	18.3	80.0	13.4	2.2	16.8	
6	939.0	19.4	89.0	324.8	1.2	17.2		6	939.4	19.4	88.0	324.1	1.6	17.2	
7	941.1	20.0	87.0	16.8	0.8	19.8		7	941.4	20.0	87.0	310.4	0.6	18.7	
8	946.8	20.6	85.0	287.8	1.2	17.9		8	947.2	20.6	86.0	336.2	1.3	17.8	
9	929.9	20.6	72.0	41.2	1.2	17.7		9	930.2	20.6	70.0	49.8	1.4	17.6	
10	0.0	23.7	82.0	335.9	1.4	23.1		10	0.0	22.8	85.0	284.8	1.1	21.8	

JULY 9. 1977 100 CDT								JULY 9. 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	976.7	20.6	79.0	272.5	1.3	20.5		1	976.7	21.1	76.0	322.6	1.8	21.1	
2	922.5	19.4	85.0	352.9	2.3	16.8		2	922.5	19.4	85.0	2.8	2.0	17.2	
3	974.6	20.0	84.0	302.4	1.8	20.3		3	934.6	19.4	85.0	351.4	0.6	19.8	
4	979.0	20.0	90.0	347.1	2.1	18.6		4	939.4	20.6	91.0	346.4	2.1	19.0	
5	922.9	19.9	92.0	20.0	2.9	17.1		5	923.1	18.9	80.0	47.2	1.8	17.0	
6	939.7	18.9	98.0	236.9	1.9	16.9		6	940.4	18.9	88.0	312.8	1.6	16.8	
7	941.8	20.0	99.0	15.9	0.9	19.7		7	942.1	20.0	88.0	332.8	1.0	18.8	
8	947.0	20.0	96.0	317.6	1.0	17.2		8	948.2	20.0	85.0	308.0	1.2	17.3	
9	930.9	20.6	84.0	24.1	2.0	16.9		9	931.3	20.0	87.0	42.8	1.5	16.7	
10	0.0	21.7	85.0	284.0	1.0	21.3		10	0.0	21.1	86.0	286.4	1.1	20.8	

JULY 9. 1977 300 CDT								JULY 9. 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	976.3	21.1	79.0	322.3	1.5	21.1		1	935.7	21.1	80.0	311.0	1.4	20.0	
2	922.5	19.4	85.0	35.4	1.1	16.8		2	922.5	19.4	85.0	349.7	1.1	16.4	
3	934.7	19.4	84.0	356.9	1.6	19.7		3	934.3	19.4	82.0	302.0	1.0	19.3	
4	970.0	21.1	91.0	18.3	1.4	19.2		4	938.7	21.1	90.0	13.7	1.4	19.1	
5	927.1	19.9	90.0	145.0	1.0	17.2		5	923.1	19.4	79.0	312.1	1.6	16.9	
6	940.1	19.9	99.0	325.9	1.7	16.5		6	940.1	18.9	87.0	269.8	0.8	16.1	
7	941.8	20.0	87.0	2.0	1.3	19.3		7	941.8	20.0	87.0	50.9	0.2	19.9	
8	948.2	20.0	85.0	339.1	0.9	17.4		8	947.9	20.6	84.0	110.9	0.1	16.8	
9	931.7	20.0	97.0	36.9	0.9	16.6		9	931.3	20.0	87.0	71.4	0.6	16.7	
10	0.0	21.1	82.0	294.0	1.5	20.4		10	0.0	20.6	82.0	283.8	1.7	19.2	

JULY 9. 1977 500 CDT								JULY 9. 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	976.0	21.1	81.0	273.5	1.3	23.0		1	936.0	21.7	80.0	6.9	0.6	20.4	
2	922.5	19.4	85.0	259.9	1.3	16.4		2	922.5	20.0	78.0	355.7	1.2	17.1	
3	934.7	20.6	73.0	325.7	1.4	21.0		3	934.6	20.0	82.0	212.9	1.3	20.1	
4	939.7	21.1	90.0	0.0	1.9	18.7		4	938.7	20.6	91.0	0.0	1.8	18.6	
5	927.1	19.4	72.0	309.7	2.9	16.0		5	923.1	18.9	73.0	303.3	1.3	16.8	
6	979.7	19.4	87.0	315.9	1.7	15.2		6	939.7	19.4	87.0	308.0	1.6	16.0	
7	941.8	20.6	97.0	252.2	0.5	20.1		7	941.8	20.6	87.0	283.1	0.8	19.7	
8	947.9	20.6	84.0	165.8	0.1	15.2		8	947.5	20.0	84.0	195.6	0.4	16.4	
9	930.9	20.0	85.0	209.2	0.7	16.4		9	931.3	19.4	87.0	295.2	1.8	15.9	
10	0.0	19.4	84.0	209.7	1.2	18.6		10	0.0	19.4	84.0	210.2	1.1	18.3	

JULY 9, 1977 700 CDT								JULY 9, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C	
1	936.0	21.1	90.0	257.9	1.4	19.0		1	935.0	21.1	83.0	272.1	1.2	19.8	
2	927.5	19.4	85.0	142.8	1.3	15.0		2	922.5	19.4	86.0	351.9	0.7	17.1	
3	934.5	20.0	84.0	120.0	1.3	20.3		3	933.3	20.0	86.0	285.7	2.0	20.0	
4	939.0	20.6	91.0	263.7	0.9	18.2		4	939.7	20.6	91.0	195.1	1.3	19.5	
5	927.1	18.9	76.0	249.2	0.8	15.7		5	923.5	20.6	75.0	204.3	1.3	18.8	
6	940.1	19.4	85.0	237.1	1.8	15.3		6	949.4	20.0	86.0	173.1	1.1	17.3	
7	947.1	20.5	85.0	313.5	1.1	19.9		7	942.1	20.6	84.0	329.7	0.6	21.3	
8	947.9	20.0	85.0	246.2	1.6	14.6		8	948.2	20.0	85.0	272.5	1.3	18.3	
9	931.5	19.4	89.0	312.6	2.0	15.2		9	931.6	19.4	87.0	346.6	1.7	18.1	
10	0.0	18.9	84.0	237.2	1.1	18.3		10	0.0	20.6	71.0	209.1	0.6	21.9	

JULY 9, 1977 900 CDT								JULY 9, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C	
1	936.3	22.2	76.0	250.0	1.7	22.2		1	936.3	25.0	67.0	243.0	1.0	26.3	
2	922.5	21.1	74.0	270.9	1.1	20.0		2	922.8	23.3	65.0	246.5	1.9	23.8	
3	934.6	22.8	85.0	105.0	1.1	25.7		3	934.6	23.3	67.0	236.0	1.1	25.1	
4	939.0	21.1	85.0	283.7	0.9	20.9		4	939.4	23.9	73.0	148.1	2.3	26.3	
5	924.1	22.8	57.0	212.6	0.8	24.5		5	925.2	23.3	85.0	195.4	1.3	24.4	
6	940.1	20.6	84.0	240.6	0.9	19.7		6	940.4	22.8	75.0	186.8	1.1	22.2	
7	942.1	21.7	78.0	185.4	1.5	22.3		7	942.1	23.3	72.0	174.8	1.7	24.7	
8	948.2	22.2	76.0	131.2	2.6	21.2		8	948.2	23.3	68.0	171.6	1.8	24.4	
9	931.6	21.7	75.0	94.1	1.0	20.8		9	931.6	23.3	67.0	181.5	2.3	24.0	
10	0.0	24.4	57.0	31.1	1.1	24.0		10	0.0	26.1	82.0	163.1	1.5	29.4	

JULY 9, 1977 1100 CDT								JULY 9, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C	
1	936.7	27.2	55.0	216.5	1.9	29.1		1	936.0	28.9	46.0	148.5	1.9	30.9	
2	922.8	25.0	60.0	239.3	2.6	25.0		2	922.8	25.6	51.0	232.7	2.3	25.2	
3	935.0	24.4	67.0	179.5	2.0	28.7		3	935.0	25.6	53.0	211.5	2.4	29.5	
4	939.4	24.1	65.0	205.7	2.4	27.3		4	939.4	27.2	59.0	256.1	2.7	28.6	
5	924.8	25.0	49.0	248.9	2.0	24.1		5	925.5	27.8	42.0	307.7	2.4	27.1	
6	940.4	23.9	0.0	270.0	1.7	23.5		6	940.4	25.0	0.0	266.0	2.5	24.5	
7	942.4	25.6	60.0	255.0	1.9	25.0		7	942.4	27.2	55.0	302.3	2.9	27.6	
8	948.2	25.6	60.0	207.2	1.4	27.6		8	948.2	27.8	49.0	261.1	1.5	28.8	
9	931.6	25.6	55.0	225.7	3.0	26.2		9	931.6	27.2	53.0	227.7	3.4	28.3	
10	0.0	29.9	47.0	236.5	2.7	30.1		10	953.6	28.9	43.0	224.3	2.8	32.6	

JULY 9, 1977 1300 CDT								JULY 9, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	935.7	30.0	42.0	250.1	1.9	31.2		1	935.0	30.0	38.0	168.9	1.8	32.5	
2	922.9	26.7	44.0	227.4	2.3	26.4		2	921.8	28.9	38.0	231.5	1.9	29.8	
3	974.7	27.8	53.0	215.0	1.9	30.2		3	933.6	28.9	57.0	218.2	2.4	32.7	
4	979.4	29.3	55.0	246.4	2.2	29.4		4	938.7	29.4	53.0	246.7	2.0	30.6	
5	925.5	29.9	37.0	293.6	2.6	27.3		5	925.2	30.6	33.0	253.1	2.4	29.9	
6	940.4	25.1	0.0	243.5	2.1	25.4		6	939.7	27.2	0.0	255.4	2.3	26.9	
7	942.1	28.9	49.0	282.9	3.6	29.4		7	941.4	30.0	46.0	295.4	3.1	31.2	
8	948.2	29.4	45.0	252.2	3.1	29.8		8	947.9	31.1	42.0	277.8	2.5	30.4	
9	931.6	28.9	49.0	220.7	2.9	29.3		9	931.3	30.0	42.0	252.3	2.7	30.6	
10	952.9	31.7	40.0	246.8	2.3	34.4		10	952.3	32.2	37.0	256.4	1.9	34.9	

JULY 9, 1977 1500 CDT								JULY 9, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	974.0	30.6	39.0	287.1	2.0	32.5		1	933.3	30.6	38.0	139.9	5.0	30.4	
2	920.8	30.6	33.0	175.6	3.2	30.9		2	919.7	31.7	30.0	248.9	3.1	31.0	
3	973.0	30.6	41.0	207.0	3.6	33.3		3	911.9	30.6	35.0	225.3	3.6	34.1	
4	977.7	30.6	52.0	226.3	2.4	31.3		4	927.0	31.1	47.0	269.2	2.7	31.1	
5	924.5	31.1	30.0	155.5	1.5	32.2		5	924.1	32.8	26.0	217.2	2.6	32.9	
6	979.4	27.8	0.0	260.5	2.4	27.7		6	938.4	28.9	0.0	256.3	2.9	29.4	
7	940.7	31.1	44.0	304.6	2.9	31.7		7	940.4	31.7	43.0	279.0	2.3	32.6	
8	946.9	31.7	42.0	250.5	3.7	29.8		8	946.5	32.8	40.0	254.1	3.1	32.2	
9	930.2	30.6	37.0	214.1	2.7	30.8		9	929.6	31.1	36.0	187.4	2.8	32.8	
10	951.2	32.8	39.0	255.7	4.2	35.0		10	951.2	32.2	38.0	202.3	2.3	35.4	

JULY 9, 1977 1700 CDT								JULY 9, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRT) TEMP DG C	
1	977.7	27.2	52.0	143.0	5.4	25.9		1	933.0	27.2	53.0	157.8	3.2	26.8	
2	918.7	27.2	27.0	207.9	4.0	32.7		2	919.1	32.8	26.0	232.9	3.7	32.2	
3	931.5	31.7	37.0	208.5	3.2	35.1		3	930.9	31.7	33.0	222.4	2.5	35.3	
4	976.7	31.1	41.0	200.5	2.8	31.2		4	936.0	31.1	43.0	103.1	5.2	29.2	
5	927.1	30.5	29.0	197.5	2.1	30.9		5	922.5	31.1	27.0	240.4	1.6	31.4	
6	977.7	29.4	0.0	234.5	1.3	31.6		6	937.0	30.6	0.0	17.8	1.2	30.6	
7	979.7	32.2	42.0	123.1	4.3	31.9		7	929.0	32.2	42.0	171.5	1.1	33.4	
8	945.8	30.0	49.0	143.9	4.7	26.6		8	945.5	29.4	49.0	109.5	1.9	29.9	
9	928.9	31.7	38.0	154.2	3.1	32.0		9	929.2	31.7	34.0	166.9	1.6	32.9	
10	950.9	29.4	46.0	331.6	3.2	30.8		10	950.9	29.4	47.0	41.2	2.2	30.1	

JULY 9, 1977 1900 CDT								JULY 9, 1977 2000 CDT							
STAT NO.	PRES MP	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	932.7	27.8	52.0	130.5	3.0	27.4		1	932.6	27.8	53.0	81.5	2.2	28.2	
2	917.4	29.2	27.0	201.0	3.8	31.8		2	917.4	31.1	34.0	143.7	4.2	30.4	
3	930.4	31.7	31.0	204.6	1.4	34.5		3	930.9	31.7	31.0	108.8	4.3	30.4	
4	936.0	28.3	56.0	96.6	2.8	27.8		4	936.0	28.9	55.0	96.2	2.8	28.9	
5	922.1	31.1	28.0	70.5	2.3	30.7		5	922.1	30.6	29.0	63.1	2.2	30.0	
6	936.7	30.6	41.0	59.3	1.4	30.4		6	936.7	30.6	42.0	152.4	3.6	25.4	
7	939.0	30.6	45.0	147.9	3.5	30.3		7	939.4	29.4	46.0	117.1	4.2	30.0	
8	945.5	30.6	44.0	97.7	3.9	29.0		8	945.5	29.4	52.0	115.6	2.9	27.3	
9	927.9	32.2	32.0	193.2	2.0	33.3		9	927.9	29.4	42.0	112.2	3.1	27.7	
10	950.0	29.4	49.0	75.2	1.5	30.6		10	950.6	28.3	53.0	79.7	2.6	29.9	

JULY 9, 1977 2100 CDT								JULY 9, 1977 2200 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	932.6	24.1	54.0	104.5	1.8	25.5		1	932.6	24.4	71.0	107.2	2.4	23.6	
2	917.7	29.0	43.0	120.7	2.2	25.8		2	918.1	26.7	50.0	133.0	3.9	24.7	
3	930.6	29.3	43.0	143.8	3.6	29.4		3	930.9	26.7	55.0	149.5	3.2	25.8	
4	936.0	27.8	57.0	117.3	3.0	25.1		4	936.0	25.6	71.0	129.9	2.8	22.7	
5	921.4	20.4	35.0	106.3	4.0	29.0		5	921.4	26.7	45.0	133.6	4.3	24.4	
6	937.0	26.1	60.0	121.9	2.7	22.2		6	937.0	23.9	69.0	117.2	2.6	20.8	
7	939.4	27.8	55.0	130.6	1.9	27.6		7	939.4	25.6	64.0	128.2	1.7	25.0	
8	945.5	29.3	57.0	107.0	2.5	25.3		8	945.1	26.7	65.0	94.0	1.5	23.6	
9	927.9	27.8	51.0	86.9	1.8	25.2		9	927.9	25.6	61.0	98.5	0.9	22.1	
10	950.6	27.2	59.0	105.8	1.4	29.5		10	950.9	26.1	63.0	109.5	2.3	27.0	

JULY 9, 1977 2300 CDT								JULY 9, 1977 2400 CDT							
STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)	STAT NO.	PRES MB	TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	TEMP DG C	(MRI)
1	933.0	23.3	74.0	127.4	1.3	21.5		1	933.0	22.2	80.0	217.0	1.1	20.0	
2	918.4	25.0	44.0	135.7	4.2	23.9		2	918.7	23.9	67.0	165.0	2.1	21.8	
3	931.7	24.4	55.0	156.0	1.5	23.9		3	931.3	23.9	69.0	178.4	1.8	24.1	
4	936.0	23.9	75.0	116.3	2.1	21.3		4	936.0	22.8	82.0	129.4	2.5	20.2	
5	921.4	24.4	50.0	170.0	3.2	22.9		5	921.4	23.9	51.0	150.3	2.6	22.4	
6	937.0	27.3	72.0	139.5	1.2	19.6		6	937.0	22.2	74.0	165.8	1.5	20.2	
7	939.4	24.4	74.0	155.2	1.7	23.6		7	939.4	23.3	77.0	170.3	1.8	23.2	
8	945.1	24.1	73.0	72.5	1.7	22.3		8	945.1	24.4	76.0	78.3	0.6	19.9	
9	929.2	23.9	65.0	88.4	1.3	20.6		9	929.2	23.3	67.0	147.8	2.7	20.3	
10	950.0	25.0	59.0	129.5	2.2	25.5		10	951.2	23.9	75.0	128.4	1.7	24.3	

JULY 10. 1977 100 CDT								JULY 10. 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.0	21.7	82.0	101.8	0.3	19.7		1	933.0	20.6	86.0	285.9	1.2	19.3	
2	919.7	22.8	72.0	154.9	2.3	20.0		2	918.7	21.7	77.0	139.9	2.1	19.5	
3	931.3	22.8	77.0	193.6	1.6	22.7		3	931.3	22.2	75.0	172.5	2.3	22.7	
4	936.0	22.2	84.0	194.4	1.9	20.0		4	936.0	22.2	80.0	173.6	2.5	19.7	
5	921.1	22.2	57.0	153.8	1.8	21.0		5	920.8	21.7	60.0	163.9	1.4	20.3	
6	937.0	21.1	80.0	151.9	2.0	19.4		6	937.0	21.1	80.0	158.2	1.8	18.8	
7	939.4	22.8	77.0	159.5	1.4	23.4		7	939.4	21.7	81.0	137.3	1.3	21.9	
8	945.1	22.3	84.0	116.5	1.2	18.8		8	945.1	22.8	84.0	109.6	0.5	18.4	
9	928.2	22.9	58.0	135.2	2.1	20.2		9	928.2	22.2	69.0	105.7	1.6	19.2	
10	950.9	22.8	79.0	95.0	1.8	22.7		10	950.9	22.2	80.0	170.8	0.9	21.8	

JULY 10. 1977 300 CDT								JULY 10. 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	937.0	20.6	92.0	85.4	0.9	13.4		1	932.6	20.0	83.0	119.7	1.3	19.2	
2	919.4	21.1	77.0	176.3	2.0	19.1		2	918.4	20.0	77.0	169.0	0.8	17.6	
3	930.9	21.7	78.0	86.3	0.2	21.0		3	930.6	20.6	80.0	179.7	2.8	20.2	
4	935.7	21.7	86.0	194.2	2.0	19.5		4	935.7	21.1	85.0	175.0	3.1	20.1	
5	920.1	20.6	65.0	169.0	1.2	19.3		5	920.1	20.6	67.0	182.7	1.3	18.3	
6	937.0	20.6	81.0	132.0	2.0	17.8		6	936.7	20.0	83.0	156.2	2.4	18.1	
7	939.0	21.1	93.0	152.2	0.6	20.8		7	939.0	20.6	85.0	169.1	1.0	20.1	
8	945.1	22.2	94.0	108.3	0.2	17.4		8	945.1	21.7	86.0	95.8	0.7	16.7	
9	927.9	22.2	53.0	162.3	1.4	19.0		9	927.9	21.1	73.0	170.8	1.3	17.8	
10	950.9	21.7	94.0	150.4	1.2	21.5		10	950.9	21.1	86.0	136.5	1.4	20.7	

JULY 10. 1977 500 CDT								JULY 10. 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.6	20.0	84.0	253.3	0.7	19.4		1	932.6	20.0	84.0	238.5	1.3	18.7	
2	918.4	19.4	80.0	197.0	1.4	18.9		2	919.4	18.9	81.0	167.7	1.4	16.3	
3	930.9	20.0	81.0	168.3	0.8	19.3		3	930.9	19.4	85.0	218.8	1.2	18.7	
4	935.7	21.1	84.0	190.4	3.0	18.5		4	935.7	20.0	86.0	194.9	1.9	18.3	
5	919.7	19.4	70.0	187.5	2.0	17.6		5	920.1	19.4	72.0	200.0	2.1	17.6	
6	936.7	19.4	92.0	160.1	2.3	17.1		6	936.7	18.9	83.0	166.9	1.0	16.4	
7	939.0	20.0	96.0	169.5	1.1	19.6		7	939.0	20.6	75.0	176.0	2.0	21.2	
8	945.1	20.6	99.0	122.8	0.5	16.0		8	944.8	20.0	85.0	114.5	0.2	15.9	
9	927.9	20.6	72.0	135.9	1.3	17.5		9	927.9	20.0	67.0	187.6	1.5	17.3	
10	950.9	21.7	74.0	226.7	0.4	21.6		10	950.9	22.8	68.0	175.5	2.5	22.8	



JULY 10, 1977 700 CDT								JULY 10, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	937.0	19.9	87.0	155.8	1.2	18.1		1	933.0	20.6	84.0	183.8	1.3	21.2	
2	918.7	19.3	93.0	163.6	1.6	16.6		2	919.1	20.6	75.0	185.6	2.9	19.9	
3	931.7	19.9	85.0	177.2	0.7	18.4		3	931.6	18.3	88.0	196.2	1.9	22.8	
4	925.7	19.4	87.0	192.5	2.3	19.3		4	936.0	20.6	78.0	187.8	2.9	22.1	
5	920.1	18.9	70.0	189.1	1.9	17.2		5	921.1	21.1	62.0	195.9	2.2	19.8	
6	936.7	19.3	85.0	164.1	1.0	16.3		6	937.0	18.9	80.0	143.3	0.9	21.4	
7	949.4	21.7	62.0	222.6	2.7	22.0		7	939.7	22.2	63.0	209.8	4.2	24.1	
8	945.1	20.0	86.0	250.4	0.2	15.6		8	945.5	20.0	86.0	68.2	0.6	19.7	
9	929.2	20.0	68.0	180.4	1.8	16.9		9	928.6	20.0	69.0	198.0	2.6	18.5	
10	951.2	23.9	55.0	187.5	3.6	23.7		10	951.6	23.9	58.0	186.6	3.3	23.8	

JULY 10, 1977 900 CDT								JULY 10, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.0	25.0	53.0	212.3	4.7	25.4		1	933.0	27.2	47.0	210.3	4.9	29.1	
2	910.4	27.3	55.0	194.5	5.3	23.0		2	919.1	25.6	48.0	190.5	5.3	26.0	
3	931.6	22.9	60.0	207.6	3.6	26.0		3	931.6	26.1	44.0	203.8	4.1	29.6	
4	936.3	27.9	64.0	198.0	4.3	24.1		4	936.3	25.6	57.0	206.4	4.2	26.2	
5	921.4	24.4	46.0	193.0	5.2	23.2		5	921.8	26.7	39.0	206.1	5.1	26.7	
6	937.4	21.7	65.0	190.9	3.0	23.0		6	937.7	23.9	60.0	180.4	3.6	25.0	
7	940.1	24.4	57.0	199.9	3.5	26.3		7	940.1	26.1	52.0	187.9	3.9	29.2	
8	945.9	27.8	65.0	157.9	3.0	23.3		8	946.2	25.6	51.0	164.6	3.5	25.6	
9	928.9	21.7	67.0	182.5	4.4	21.9		9	928.9	24.4	58.0	180.9	4.2	24.9	
10	951.6	25.6	58.0	200.8	5.4	25.1		10	951.6	27.8	53.0	208.7	3.6	28.5	

JULY 10, 1977 1100 CDT								JULY 10, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	932.6	20.4	33.0	216.6	4.8	31.5		1	932.6	32.2	29.0	197.0	4.8	33.5	
2	918.7	29.9	40.0	188.5	4.6	28.4		2	919.4	31.7	33.0	192.6	5.0	31.0	
3	931.3	30.0	30.0	197.8	3.8	31.7		3	930.9	32.2	34.0	194.9	4.3	34.1	
4	936.7	27.8	52.0	205.3	4.1	28.7		4	936.0	30.0	45.0	186.0	4.4	31.0	
5	922.5	30.0	34.0	193.0	5.1	29.3		5	922.5	31.7	26.0	193.0	5.5	31.3	
6	937.7	26.1	54.0	193.9	2.9	27.2		6	937.4	28.3	50.0	180.1	3.3	29.3	
7	939.7	28.2	45.0	196.8	7.8	31.8		7	939.4	31.1	40.0	189.8	3.5	33.9	
8	945.8	28.3	44.0	162.9	7.7	29.7		8	945.5	30.6	38.0	173.7	3.6	30.9	
9	928.9	26.7	47.0	192.4	4.2	27.8		9	928.6	28.9	43.0	185.4	3.8	29.9	
10	951.2	29.4	45.0	185.8	3.6	31.2		10	950.9	31.1	40.0	186.1	3.5	33.5	

JULY 10. 1977 1300 CDT								JULY 10. 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	
1	931.9	33.3	25.0	200.3	5.1	34.7		1	931.3	34.4	25.0	198.9	5.1	35.8	
2	917.7	33.3	25.0	173.8	4.9	32.9		2	917.0	34.4	24.0	187.0	4.6	33.4	
3	930.6	33.3	30.0	178.7	4.7	34.8		3	929.9	34.4	27.0	170.5	5.2	36.3	
4	935.3	32.2	41.0	191.1	4.0	32.3		4	934.6	33.3	35.0	199.4	4.5	33.2	
5	922.1	33.3	22.0	186.4	5.4	33.1		5	922.1	35.0	20.0	181.4	5.0	34.1	
6	937.0	30.0	45.0	182.9	3.7	30.4		6	936.7	31.1	40.0	181.4	3.6	32.0	
7	939.4	32.8	32.0	186.7	3.7	35.0		7	938.4	33.9	31.0	189.5	2.8	36.0	
8	945.5	32.8	31.0	157.0	3.7	32.2		8	944.8	34.4	26.0	173.7	3.9	33.6	
9	928.2	31.1	35.0	185.2	5.0	30.5		9	927.2	31.7	33.0	184.2	4.2	32.2	
10	950.2	32.8	35.0	189.5	4.4	34.8		10	949.5	33.9	30.0	138.5	4.1	36.0	

JULY 10. 1977 1500 CDT								JULY 10. 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	
1	930.6	35.0	24.0	201.4	5.1	36.0		1	930.2	35.6	23.0	217.3	4.0	37.0	
2	915.7	35.0	21.0	169.3	4.7	34.5		2	915.3	35.6	20.0	176.9	5.0	35.0	
3	929.2	35.0	25.0	172.8	4.4	37.0		3	928.6	35.0	25.0	156.4	4.9	36.6	
4	934.0	34.4	33.0	178.7	4.9	33.6		4	933.3	34.4	32.0	189.1	4.3	34.1	
5	921.1	35.6	19.0	204.0	5.1	34.8		5	920.8	35.6	18.0	175.8	4.4	35.1	
6	0.0	33.3	39.0	193.4	3.2	32.8		6	0.0	33.9	39.0	184.0	3.0	33.5	
7	937.7	34.4	30.0	156.4	3.5	37.3		7	937.4	35.0	28.0	159.2	3.7	37.1	
8	943.8	35.0	25.0	146.5	3.8	34.8		8	943.5	35.6	24.0	157.5	3.5	35.4	
9	926.5	32.8	30.0	175.1	4.3	33.2		9	925.8	33.9	26.0	168.3	3.9	33.2	
10	949.5	34.4	29.0	188.8	3.6	36.4		10	947.5	35.0	27.0	164.4	3.9	37.3	

JULY 10. 1977 1700 CDT								JULY 10. 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPI) TEMP DG C	
1	929.2	35.6	24.0	178.3	4.6	36.4		1	929.2	35.6	24.0	180.0	5.4	36.2	
2	915.0	35.6	19.0	176.2	5.2	35.1		2	914.7	35.0	20.0	158.6	5.1	35.3	
3	928.2	35.0	25.0	165.5	5.5	36.7		3	927.9	35.0	25.0	170.0	5.0	36.0	
4	932.6	35.0	31.0	198.0	3.6	34.3		4	932.3	34.4	31.0	188.2	4.0	34.7	
5	920.4	35.6	19.0	195.1	4.9	35.5		5	920.1	35.6	17.0	159.8	4.5	35.0	
6	0.0	33.9	40.0	179.6	3.2	33.8		6	0.0	33.3	41.0	184.7	2.5	33.3	
7	936.7	36.1	28.0	166.9	3.5	37.2		7	936.3	36.1	28.0	163.7	4.1	37.2	
8	942.4	36.1	24.0	155.0	4.0	34.6		8	942.1	36.1	23.0	153.5	3.8	35.1	
9	925.2	33.9	26.0	183.5	4.0	33.4		9	924.8	33.9	26.0	181.2	3.4	33.3	
10	947.2	35.6	26.0	187.8	3.8	37.4		10	946.8	35.6	26.0	176.0	4.0	37.5	

JULY 10, 1977 1900 CDT								JULY 10, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.9	35.0	25.0	174.9	5.3	35.3		1	928.9	33.9	27.0	181.1	5.0	34.5	
2	914.7	34.4	20.0	159.2	5.0	34.6		2	914.3	33.3	21.0	162.4	4.3	33.5	
3	927.2	34.4	25.0	159.2	5.0	36.2		3	927.2	33.3	27.0	159.8	4.7	35.6	
4	931.9	33.9	33.0	150.0	3.8	34.6		4	931.9	32.8	36.0	173.3	3.7	32.4	
5	919.7	35.0	19.0	150.0	4.5	34.4		5	919.7	33.9	18.0	160.3	4.7	31.6	
6	0.0	33.3	43.0	183.6	1.7	32.9		6	0.0	31.7	45.0	161.8	2.3	30.3	
7	936.0	35.6	27.0	171.7	2.8	36.7		7	936.0	35.0	29.0	155.2	2.6	35.5	
8	942.1	35.6	23.0	149.5	3.2	34.8		8	941.8	35.0	23.0	161.6	2.5	32.3	
9	924.5	33.9	26.0	169.1	3.5	33.0		9	924.5	33.9	26.0	152.4	2.6	31.3	
10	946.2	35.0	26.0	183.5	3.5	36.5		10	946.5	33.9	28.0	144.2	3.0	35.2	

JULY 10, 1977 2100 CDT								JULY 10, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.2	32.2	39.0	167.6	3.5	31.4		1	929.6	29.4	39.0	178.0	2.0	27.8	
2	914.3	31.1	29.0	158.4	3.3	30.3		2	915.0	28.9	32.0	160.2	3.2	28.0	
3	927.3	30.0	34.0	179.1	2.0	31.7		3	927.9	27.8	42.0	185.9	1.9	28.8	
4	931.9	29.3	47.0	154.8	2.9	29.4		4	932.3	27.8	48.0	163.3	3.5	26.6	
5	912.4	32.2	22.0	149.4	3.1	29.9		5	919.4	29.4	27.0	146.6	4.2	26.7	
6	0.0	28.3	55.0	159.6	2.3	25.8		6	0.0	26.1	63.0	162.3	2.2	23.4	
7	934.3	32.8	35.0	154.0	1.7	30.2		7	936.3	28.3	45.0	167.2	1.3	27.3	
8	941.8	33.3	35.0	129.4	1.5	29.4		8	941.8	30.0	43.0	131.9	1.3	25.8	
9	924.8	32.2	31.0	139.2	2.6	27.4		9	925.2	29.4	38.0	145.6	2.1	24.3	
10	946.8	31.1	36.0	135.1	3.8	31.3		10	947.5	29.4	41.0	135.8	3.2	29.7	

JULY 10, 1977 2300 CDT								JULY 10, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.2	27.2	42.0	172.5	2.3	26.0		1	930.6	26.1	45.0	189.2	1.8	25.4	
2	915.3	27.2	37.0	159.6	3.6	25.2		2	915.7	26.1	41.0	169.2	4.0	24.4	
3	929.2	26.7	46.0	185.8	2.4	27.9		3	928.6	27.2	47.0	194.6	3.7	27.5	
4	933.0	26.7	51.0	153.2	3.8	25.5		4	933.0	26.7	53.0	162.3	4.9	25.0	
5	910.4	29.3	32.0	159.0	4.3	25.4		5	919.4	26.7	34.0	171.9	5.7	24.2	
6	0.0	24.4	67.0	165.3	2.0	21.7		6	0.0	23.9	71.0	148.0	2.7	20.3	
7	934.7	26.7	50.0	174.5	1.7	26.8		7	937.0	27.8	44.0	178.1	3.3	27.6	
8	942.4	28.3	50.0	108.6	1.8	24.3		8	942.4	27.2	53.0	132.3	3.7	24.3	
9	925.8	26.1	46.0	164.1	3.2	22.6		9	925.8	25.0	48.0	164.5	4.3	22.4	
10	947.9	28.9	41.0	151.6	4.4	29.4		10	948.2	27.8	46.0	156.7	3.7	27.9	

JULY 11, 1977 100 CDT								JULY 11, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	970.6	25.6	42.0	192.5	2.1	24.3		1	930.6	24.4	52.0	190.1	2.4	23.4	
2	916.4	25.0	45.0	175.2	4.1	23.9		2	916.4	24.4	46.0	179.2	5.0	23.8	
3	928.9	27.2	43.0	190.3	4.4	28.6		3	928.9	25.6	46.0	183.9	2.8	26.7	
4	933.6	25.1	55.0	174.1	4.8	24.7		4	933.6	25.0	58.0	185.6	3.7	23.2	
5	919.1	25.1	38.0	177.7	5.9	23.7		5	919.1	25.6	40.0	182.1	5.8	23.1	
6	0.0	27.9	66.0	173.3	2.5	20.8		6	0.0	23.9	61.0	179.9	3.7	21.3	
7	937.4	27.2	45.0	176.1	3.6	26.3		7	937.4	26.1	47.0	181.8	3.1	25.0	
8	942.8	27.2	54.0	151.3	2.8	22.8		8	943.1	26.1	55.0	147.5	2.4	21.9	
9	926.2	25.0	50.0	165.5	4.4	21.4		9	926.2	24.4	50.0	169.7	3.6	20.6	
10	948.5	27.2	48.0	172.4	3.6	27.2		10	948.5	25.6	54.0	188.0	5.6	25.6	

JULY 11, 1977 300 CDT								JULY 11, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.6	24.4	52.0	213.0	4.5	23.8		1	930.6	24.4	52.0	202.8	4.9	23.9	
2	916.4	27.9	47.0	196.1	4.5	23.2		2	916.7	23.3	50.0	187.8	4.0	21.8	
3	928.9	25.0	48.0	192.3	4.7	25.0		3	928.9	24.4	50.0	202.8	4.1	25.7	
4	933.6	23.3	62.0	189.2	3.9	21.9		4	933.6	22.8	65.0	187.4	4.2	21.0	
5	918.7	24.4	42.0	183.3	5.6	21.8		5	918.7	23.3	45.0	181.9	4.7	20.5	
6	0.0	27.3	64.0	178.3	7.1	19.6		6	0.0	22.8	66.0	180.8	3.3	19.6	
7	937.4	25.0	52.0	178.7	7.5	24.0		7	937.4	24.4	56.0	177.7	3.4	23.9	
8	943.1	25.0	59.0	160.0	2.3	20.9		8	943.1	24.4	66.0	162.3	1.8	20.2	
9	926.2	27.8	56.0	165.0	3.4	19.7		9	926.2	22.2	62.0	168.4	3.2	18.6	
10	948.5	25.0	60.0	190.4	6.0	25.0		10	948.9	24.4	65.0	188.0	5.4	24.4	

JULY 11, 1977 500 CDT								JULY 11, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.9	24.4	55.0	205.1	4.3	23.2		1	930.9	22.8	59.0	202.0	3.7	21.8	
2	916.7	22.2	54.0	187.8	2.8	20.2		2	916.7	21.1	59.0	179.6	3.0	19.1	
3	929.2	27.9	55.0	197.2	3.9	24.3		3	929.2	22.8	59.0	202.4	4.1	23.5	
4	933.6	27.2	69.0	181.7	7.9	20.5		4	933.6	21.1	75.0	196.8	2.9	18.8	
5	918.4	22.2	49.0	185.5	4.3	19.5		5	918.4	21.1	55.0	175.3	3.5	18.1	
6	0.0	27.2	72.0	174.9	3.8	19.3		6	0.0	21.7	77.0	187.3	3.3	17.9	
7	937.4	27.7	62.0	173.5	4.4	22.8		7	937.4	22.8	67.0	188.4	4.2	22.2	
8	943.1	27.9	70.0	154.4	2.3	19.7		8	943.1	22.8	76.0	147.8	1.6	18.9	
9	926.2	21.7	68.0	156.2	2.4	17.5		9	926.2	20.6	74.0	170.9	2.4	16.7	
10	949.2	27.9	74.0	183.3	3.0	23.3		10	949.2	23.3	80.0	156.0	2.0	22.5	

JULY 11, 1977 700 CDT								JULY 11, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	931.3	22.8	63.0	195.8	4.6	21.8		1	931.6	22.8	62.0	207.6	4.0	23.2	
2	916.7	20.0	65.0	179.3	3.1	18.4		2	917.0	20.6	68.0	189.8	3.2	20.0	
3	920.2	22.2	64.0	199.0	3.9	22.0		3	929.6	22.8	67.0	199.5	3.2	24.0	
4	933.6	20.6	79.0	203.5	2.9	19.6		4	934.0	21.1	78.0	197.4	3.9	20.8	
5	918.4	22.6	62.0	175.6	4.2	17.4		5	918.4	21.1	65.0	183.1	6.0	19.3	
6	0.0	20.6	64.0	187.2	2.7	17.5		6	0.0	22.2	84.0	192.6	4.8	19.4	
7	937.4	22.2	75.0	189.0	3.2	22.1		7	937.7	22.2	78.0	188.1	4.3	22.8	
8	941.5	22.2	81.0	161.7	2.3	19.7		8	943.5	22.8	81.0	155.1	3.1	21.4	
9	926.2	20.0	80.0	161.3	2.9	16.0		9	926.2	19.4	81.0	164.6	3.4	18.0	
10	949.2	22.8	83.0	166.7	3.3	22.3		10	949.2	23.9	80.0	178.4	4.0	24.0	

JULY 11, 1977 900 CDT								JULY 11, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	931.0	25.0	57.0	212.2	6.3	25.8		1	931.9	27.2	52.0	220.7	5.1	28.7	
2	917.4	21.3	67.0	197.4	5.3	22.6		2	917.7	25.6	61.0	194.8	5.2	25.7	
3	920.7	25.0	66.0	205.6	4.8	25.2		3	929.9	27.2	59.0	204.6	4.4	29.0	
4	934.7	23.9	74.0	199.0	5.8	22.8		4	934.6	26.1	66.0	210.8	4.6	26.1	
5	919.1	23.9	67.0	199.1	6.7	22.5		5	919.7	26.1	53.0	195.7	6.3	25.4	
6	0.0	23.9	79.0	182.7	4.5	21.5		6	0.0	25.6	69.0	190.3	4.4	24.5	
7	937.7	23.9	76.0	181.8	4.4	25.6		7	938.0	26.7	65.0	184.4	4.2	29.0	
8	943.8	24.4	72.0	171.1	4.1	23.5		8	943.8	26.7	68.0	163.6	4.2	26.5	
9	926.5	21.7	75.0	175.7	5.8	21.1		9	925.9	23.9	66.0	185.2	5.6	23.9	
10	949.5	25.6	71.0	187.8	5.6	26.1		10	949.5	27.8	63.0	191.1	6.0	28.5	

JULY 11, 1977 1100 CDT								JULY 11, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MFI) TEMP DG C	
1	931.6	28.9	44.0	211.3	4.5	30.5		1	931.3	31.7	33.0	190.7	4.8	32.9	
2	917.4	29.3	53.0	189.7	4.7	28.3		2	917.0	30.6	44.0	188.9	4.2	30.6	
3	920.6	29.4	50.0	192.5	4.1	31.4		3	929.6	31.7	42.0	188.2	4.1	33.8	
4	934.5	28.3	57.0	209.7	4.3	28.8		4	934.3	30.0	49.0	190.5	4.7	30.6	
5	920.1	29.9	44.0	199.0	4.2	28.0		5	920.8	31.7	37.0	175.4	4.2	30.8	
6	0.0	29.3	62.0	190.9	3.9	27.4		6	0.0	30.0	55.0	179.4	3.4	29.1	
7	938.0	28.9	55.0	193.5	4.0	30.8		7	938.0	30.6	49.0	185.6	3.7	32.5	
8	943.8	28.9	58.0	151.7	4.5	29.5		8	943.8	31.1	48.0	156.4	4.5	30.4	
9	926.9	26.7	55.0	174.7	5.8	25.2		9	925.5	30.0	43.0	180.6	5.3	26.5	
10	949.2	30.0	53.0	193.7	6.5	30.8		10	948.9	31.7	46.0	183.0	5.9	32.6	

JULY 11, 1977 1300 CDT								JULY 11, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	920.5	33.3	30.0	187.0	5.4	34.7		1	930.2	35.0	27.0	203.1	4.9	35.8	
2	916.7	33.9	35.0	153.4	4.6	33.1		2	916.0	35.6	26.0	163.0	3.7	35.1	
3	928.9	33.3	34.0	178.3	5.3	35.1		3	929.6	34.4	31.0	178.0	4.6	36.4	
4	937.6	31.7	42.0	185.8	5.3	31.3		4	933.0	32.8	38.0	193.8	5.6	33.1	
5	921.4	33.9	33.0	164.9	4.9	33.1		5	921.1	35.0	27.0	194.5	4.0	33.9	
6	0.0	31.1	50.0	166.4	3.8	30.4		6	0.0	32.8	45.0	173.9	4.0	32.2	
7	937.7	32.8	43.0	172.0	4.3	33.8		7	937.0	33.9	38.0	162.5	4.4	35.4	
8	943.5	32.8	40.0	164.9	4.2	32.5		8	942.8	34.4	34.0	141.5	4.7	33.9	
9	925.5	31.1	39.0	191.9	4.7	29.8		9	925.8	32.8	32.0	175.3	4.2	31.2	
10	948.5	32.8	33.0	194.5	4.9	34.3		10	947.5	32.2	33.0	195.8	4.7	36.2	

JULY 11, 1977 1500 CDT								JULY 11, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.6	35.6	25.0	205.6	4.4	35.9		1	928.9	36.1	24.0	186.3	4.2	37.8	
2	915.3	35.7	23.0	188.6	4.6	35.9		2	915.0	36.7	21.0	135.6	4.5	34.2	
3	928.5	35.0	30.0	171.1	5.3	36.4		3	927.5	35.6	28.0	146.9	4.8	37.5	
4	932.5	33.9	35.0	199.7	5.3	33.8		4	931.6	34.4	33.0	159.2	4.7	32.6	
5	920.8	36.1	25.0	185.0	4.3	35.0		5	920.4	36.7	23.0	180.2	4.6	35.1	
6	936.6	33.9	40.0	193.8	4.5	32.5		6	933.0	34.4	35.0	175.7	3.8	35.2	
7	936.3	35.0	33.0	185.0	4.0	36.6		7	935.7	36.1	29.0	164.4	4.1	38.4	
8	942.4	35.6	31.0	141.8	4.9	34.9		8	941.8	36.7	25.0	174.9	4.0	36.2	
9	925.9	33.9	29.0	155.6	4.3	33.0		9	924.5	34.4	28.0	185.2	4.3	33.1	
10	947.2	35.0	30.0	174.1	4.9	35.8		10	946.2	35.6	28.0	169.6	4.6	38.3	

JULY 11, 1977 1700 CDT								JULY 11, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIP DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.6	35.1	24.0	170.3	4.2	37.5		1	929.2	36.1	24.0	202.2	4.1	37.1	
2	914.0	36.7	21.0	133.1	4.7	34.4		2	913.6	36.1	21.0	131.6	4.2	33.6	
3	926.9	36.1	25.0	155.0	5.0	39.1		3	926.5	36.1	24.0	145.6	4.7	38.0	
4	931.3	35.0	30.0	149.5	5.3	33.2		4	930.9	35.0	29.0	155.1	4.1	33.4	
5	920.1	36.7	22.0	150.9	4.3	35.6		5	919.7	36.1	23.0	143.1	4.7	35.5	
6	932.6	35.0	34.0	172.3	3.9	35.6		6	932.3	34.4	33.0	171.7	3.8	35.5	
7	935.3	35.7	29.0	151.9	4.4	34.3		7	935.0	36.7	26.0	182.5	3.2	37.8	
8	941.4	37.2	24.0	165.8	3.7	36.6		8	940.7	36.7	24.0	173.6	4.1	35.9	
9	923.8	35.0	27.0	170.8	4.5	33.4		9	923.5	35.0	27.0	154.2	4.3	33.0	
10	945.4	36.1	29.0	185.4	4.6	38.4		10	945.1	36.1	27.0	179.0	4.5	38.2	

JULY 11, 1977 1900 CDT								JULY 11, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.2	35.6	25.0	167.3	4.2	36.6		1	923.2	34.4	28.0	173.1	4.5	35.4	
2	917.7	35.6	21.0	121.3	5.1	33.0		2	913.3	34.4	22.0	127.1	4.2	32.1	
3	924.5	35.6	25.0	149.9	5.1	36.7		3	926.2	34.4	26.0	152.0	3.7	35.7	
4	930.6	34.4	30.0	158.3	5.0	32.9		4	930.9	32.8	35.0	143.1	3.2	31.6	
5	910.1	35.6	24.0	159.6	4.9	34.2		5	919.1	33.9	27.0	156.3	6.2	32.8	
6	931.9	32.8	35.0	156.7	3.4	33.0		6	931.9	31.1	38.0	161.9	3.1	32.1	
7	924.4	36.7	25.0	155.5	4.8	37.0		7	924.6	35.6	27.0	152.3	4.2	36.4	
8	940.4	36.7	24.0	150.8	4.2	35.0		8	940.4	35.6	25.0	146.7	3.2	33.5	
9	923.1	33.9	24.0	150.3	4.6	32.4		9	923.1	32.8	33.0	156.2	4.5	31.1	
10	945.1	35.0	27.0	170.5	5.0	37.5		10	945.1	34.4	28.0	160.0	4.4	36.0	

JULY 11, 1977 2100 CDT								JULY 11, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	928.0	32.2	29.0	172.3	2.7	32.0		1	929.2	29.4	30.0	182.3	4.3	29.3	
2	913.6	32.2	26.0	130.6	3.1	29.4		2	915.0	30.0	31.0	141.5	3.1	26.5	
3	925.0	31.7	34.0	160.5	3.0	31.9		3	927.9	29.4	40.0	173.2	2.5	29.8	
4	931.4	30.0	42.0	140.3	2.9	27.0		4	932.6	27.8	46.0	163.0	3.2	26.1	
5	919.4	31.7	32.0	153.7	5.1	30.5		5	919.7	29.4	36.0	158.8	4.7	28.2	
6	932.6	30.0	42.0	169.2	2.9	28.9		6	933.3	27.8	49.0	176.6	2.2	25.9	
7	935.3	33.9	31.0	154.5	2.4	32.0		7	936.0	30.6	38.0	170.1	1.9	29.5	
8	940.7	33.9	32.0	132.5	1.8	30.5		8	941.4	31.1	41.0	151.2	1.7	27.8	
9	923.8	30.0	38.0	151.0	2.8	29.1		9	924.8	27.8	43.0	154.6	2.8	25.1	
10	946.2	32.2	33.0	172.6	4.9	33.5		10	947.2	31.1	37.0	165.4	3.3	31.9	

JULY 11, 1977 2300 CDT								JULY 11, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	929.0	28.4	34.0	170.5	5.0	29.2		1	930.2	28.9	42.0	192.5	6.4	28.8	
2	916.0	29.9	36.0	153.9	4.7	25.0		2	915.4	27.8	39.0	161.3	5.6	25.5	
3	928.6	29.3	43.0	185.2	3.2	29.9		3	928.6	28.3	44.0	185.2	4.7	28.8	
4	933.3	26.7	49.0	144.6	4.4	25.4		4	933.3	26.1	52.0	157.4	4.0	24.2	
5	920.1	28.2	39.0	169.7	5.6	27.3		5	920.1	27.2	43.0	176.7	6.0	26.3	
6	934.0	26.1	57.0	180.5	2.3	24.5		6	934.3	26.1	57.0	185.4	2.5	24.3	
7	936.7	29.9	43.0	172.5	2.6	29.1		7	937.0	29.3	44.0	170.6	3.1	28.5	
8	942.4	30.0	48.0	133.9	2.1	25.3		8	942.8	27.8	52.0	138.0	2.5	25.1	
9	925.8	26.1	49.0	158.8	2.9	23.5		9	926.2	25.0	54.0	161.6	2.8	22.0	
10	948.2	28.9	43.0	157.8	2.4	29.9		10	948.9	27.8	49.0	151.5	4.1	29.0	

JULY 12, 1977 100 CDT								JULY 12, 1977 200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.6	27.8	45.0	185.0	3.6	27.6		1	931.3	26.1	51.0	193.3	2.2	25.6	
2	916.4	27.2	41.0	162.4	5.9	24.2		2	916.4	26.7	43.0	168.0	5.3	22.9	
3	928.9	27.8	45.0	191.3	5.0	29.3		3	928.9	27.2	46.0	190.6	4.6	27.8	
4	933.6	25.0	57.0	164.9	4.6	22.9		4	933.6	24.4	60.0	165.8	4.1	22.5	
5	920.1	26.7	46.0	170.9	5.7	25.0		5	919.7	25.6	47.0	179.5	5.6	23.6	
6	934.6	25.1	56.0	191.1	3.1	23.9		6	934.6	26.1	55.0	189.8	4.0	24.3	
7	937.4	27.2	49.0	179.3	3.2	27.9		7	937.4	26.7	50.0	175.7	3.9	27.1	
8	947.1	27.2	55.0	152.9	2.6	24.3		8	943.1	26.7	63.0	154.0	3.1	23.4	
9	926.5	23.3	59.0	141.1	1.9	19.9		9	926.5	23.3	59.0	156.2	3.4	20.3	
10	949.9	27.2	53.0	162.3	4.2	28.1		10	949.5	26.7	57.0	179.2	6.5	27.8	

JULY 12, 1977 300 CDT								JULY 12, 1977 400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.6	25.0	57.0	205.3	2.5	23.8		1	931.6	23.3	59.0	230.1	1.3	22.4	
2	916.7	25.0	44.0	172.7	4.5	21.7		2	916.7	24.4	50.0	181.0	4.0	20.6	
3	929.9	25.1	45.0	192.3	4.1	25.3		3	928.9	25.0	55.0	187.0	3.9	24.4	
4	933.6	22.8	59.0	175.9	3.0	20.4		4	933.6	21.7	72.0	170.3	4.0	19.4	
5	919.4	24.4	54.0	176.1	6.6	22.3		5	919.1	23.3	59.0	178.2	5.8	21.7	
6	934.6	25.0	59.0	180.6	3.4	22.7		6	935.0	23.9	65.0	180.9	2.6	21.1	
7	937.4	25.6	57.0	174.7	4.0	26.0		7	937.4	25.0	58.0	167.1	3.1	23.9	
8	943.1	26.1	54.0	155.7	2.4	22.1		8	943.1	25.0	70.0	158.2	3.1	21.8	
9	926.5	22.8	55.0	153.3	3.3	19.3		9	926.2	22.2	68.0	158.4	4.4	18.9	
10	948.5	26.1	50.0	180.4	6.2	25.4		10	948.9	25.0	66.0	182.0	7.1	25.4	

JULY 12, 1977 500 CDT								JULY 12, 1977 600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.6	22.2	54.0	181.0	1.3	20.0		1	932.3	21.7	69.0	227.4	1.4	19.3	
2	916.7	27.3	54.0	174.5	3.4	19.5		2	917.4	22.8	61.0	161.8	3.7	18.9	
3	929.2	27.9	52.0	195.1	4.0	23.4		3	929.6	23.3	65.0	171.5	3.9	22.7	
4	933.6	22.2	77.0	179.5	4.5	20.2		4	934.6	21.7	75.0	172.1	4.5	19.3	
5	919.1	22.8	67.0	171.6	6.4	20.8		5	919.1	21.7	68.0	172.0	5.2	20.3	
6	935.0	21.7	76.0	165.6	2.6	19.4		6	935.3	21.7	78.0	162.1	2.7	19.3	
7	937.4	23.9	64.0	173.1	2.5	23.3		7	937.7	22.8	69.0	180.8	2.6	22.8	
8	947.5	25.0	70.0	155.8	3.4	21.2		8	943.5	23.9	77.0	133.5	2.7	20.3	
9	926.2	22.2	72.0	155.1	4.4	18.7		9	926.5	20.6	78.0	156.3	3.5	17.4	
10	948.9	24.4	75.0	187.5	5.5	24.3		10	949.2	23.9	79.0	158.0	1.7	23.2	



JULY 12, 1977 700 CDT								JULY 12, 1977 800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.0	20.6	72.0	197.1	0.6	19.9		1	933.6	21.1	68.0	164.2	2.2	22.4	
2	917.7	21.7	66.0	162.0	2.5	19.1		2	919.7	21.7	69.0	139.2	2.8	19.8	
3	930.6	21.7	72.0	252.5	0.4	21.3		3	931.3	22.2	73.0	135.4	2.0	24.4	
4	935.3	21.1	79.0	167.9	3.6	19.2		4	935.7	22.2	76.0	169.8	5.0	21.4	
5	919.4	21.1	71.0	163.6	4.6	19.1		5	920.1	22.2	70.0	166.2	5.7	19.9	
6	936.0	20.0	92.0	137.9	2.7	17.9		6	936.3	21.7	85.0	142.9	3.5	21.1	
7	939.0	21.7	75.0	171.6	2.2	21.9		7	939.4	21.7	77.0	120.6	2.9	23.9	
8	944.1	23.3	82.0	123.3	1.2	19.5		8	944.8	22.8	82.0	121.6	3.0	21.4	
9	926.0	20.6	78.0	131.5	2.9	17.2		9	927.5	21.1	76.0	144.7	3.3	18.8	
10	940.2	22.8	92.0	93.8	2.6	23.0		10	950.9	23.9	75.0	150.0	3.9	23.8	

JULY 12, 1977 900 CDT								JULY 12, 1977 1000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.6	22.9	60.0	185.4	6.0	25.2		1	933.6	25.6	54.0	195.1	5.0	27.3	
2	910.1	22.8	65.0	157.3	5.3	20.9		2	919.4	25.0	59.0	153.3	4.7	24.0	
3	931.3	24.4	57.0	172.8	4.3	26.1		3	931.6	26.1	58.0	154.4	4.4	28.8	
4	935.7	24.4	68.0	175.4	6.1	23.8		4	936.3	26.1	61.0	170.4	6.3	25.6	
5	929.9	23.9	62.0	171.7	6.9	22.1		5	921.4	26.1	55.0	174.6	6.7	24.0	
6	937.0	23.9	74.0	152.6	4.5	22.8		6	937.0	26.1	65.0	173.6	6.2	25.1	
7	930.0	23.9	74.0	161.0	4.9	26.1		7	939.4	25.0	65.0	161.8	4.6	27.6	
8	945.1	25.0	74.0	137.0	5.3	23.3		8	945.5	26.1	65.0	147.3	5.1	24.9	
9	928.2	22.8	59.0	142.2	4.8	21.5		9	928.2	24.4	59.0	150.0	4.8	23.7	
10	951.2	25.0	68.0	160.7	4.3	26.1		10	951.9	27.2	57.0	161.9	5.1	28.0	

JULY 12, 1977 1100 CDT								JULY 12, 1977 1200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	933.6	28.3	47.0	202.8	4.7	22.4		1	933.6	29.4	41.0	173.1	4.8	30.9	
2	919.4	27.2	52.0	146.7	4.2	26.3		2	919.1	29.4	45.0	149.4	5.4	28.6	
3	931.6	28.2	57.0	155.5	4.4	30.4		3	931.6	29.4	49.0	151.0	4.9	31.8	
4	936.3	27.2	56.0	152.3	6.0	27.3		4	936.3	28.9	48.0	168.8	5.6	29.1	
5	921.8	28.2	43.0	160.0	6.7	26.7		5	922.5	31.1	39.0	167.2	6.4	28.9	
6	937.0	27.2	60.0	171.9	4.4	27.3		6	937.0	29.4	53.0	170.9	5.0	28.7	
7	939.7	27.2	57.0	160.5	5.0	30.4		7	939.4	29.4	48.0	156.4	5.7	32.1	
8	945.9	28.2	57.0	144.3	5.3	27.3		8	945.8	29.4	47.0	135.4	5.2	28.9	
9	928.2	26.7	50.0	154.4	4.7	26.0		9	928.2	28.9	41.0	144.7	5.2	28.0	
10	951.6	28.9	45.0	161.1	4.6	29.9		10	951.6	31.7	30.0	154.2	6.1	32.0	

JULY 12, 1977 1300 CDT								JULY 12, 1977 1400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MHI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MHI) TEMP DG C	
1	073.3	31.7	33.0	177.9	4.9	32.5		1	933.0	32.8	30.0	174.2	4.8	33.0	
2	018.7	31.1	39.0	137.5	5.1	30.6		2	919.4	33.3	29.0	151.9	5.6	31.9	
3	031.3	31.7	43.0	158.5	4.9	33.2		3	930.9	32.8	35.0	150.9	5.2	33.8	
4	076.3	30.6	44.0	162.6	4.9	30.7		4	936.0	31.7	41.0	144.9	5.1	31.5	
5	022.5	32.2	34.0	150.9	6.4	30.2		5	922.5	33.9	28.0	153.6	6.4	31.5	
6	034.7	31.1	45.0	165.9	4.5	30.4		6	936.3	31.7	41.0	162.6	5.0	31.1	
7	070.4	31.1	41.0	165.6	4.9	33.2		7	939.4	32.8	37.0	156.4	4.9	34.4	
8	045.8	31.7	43.0	145.6	4.7	30.1		8	945.5	32.8	38.0	116.8	4.6	31.9	
9	027.9	30.6	36.0	162.4	5.5	29.8		9	927.5	31.7	33.0	153.8	5.7	30.4	
10	051.2	33.3	35.0	162.5	5.4	33.2		10	950.9	34.4	20.0	171.0	5.5	34.8	

JULY 12, 1977 1500 CDT								JULY 12, 1977 1600 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MHI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MHI) TEMP DG C	
1	932.5	33.9	28.0	163.2	5.2	34.1		1	931.9	34.4	27.0	157.4	5.3	35.1	
2	017.7	34.4	25.0	144.2	5.7	32.5		2	917.0	34.4	25.0	125.2	5.7	33.1	
3	030.2	33.3	32.0	146.6	5.2	34.4		3	929.9	33.9	29.0	155.5	5.6	35.7	
4	074.3	32.2	35.0	152.7	4.9	32.1		4	935.0	32.8	31.0	158.0	4.8	32.8	
5	022.5	34.4	27.0	144.8	6.4	32.4		5	922.1	34.4	26.0	141.5	6.4	33.0	
6	036.0	32.2	37.0	169.7	4.5	31.8		6	935.7	33.3	35.0	175.3	4.3	32.4	
7	038.7	33.9	34.0	141.3	4.9	34.3		7	938.4	34.4	31.0	148.5	4.9	35.9	
8	044.1	34.4	31.0	127.4	4.8	32.6		8	944.8	35.0	25.0	125.2	5.0	33.5	
9	027.2	32.8	31.0	155.7	5.2	31.4		9	926.9	33.3	29.0	149.6	5.2	32.2	
10	050.2	35.0	17.0	154.1	6.1	36.0		10	949.5	35.6	16.0	170.1	6.4	36.4	

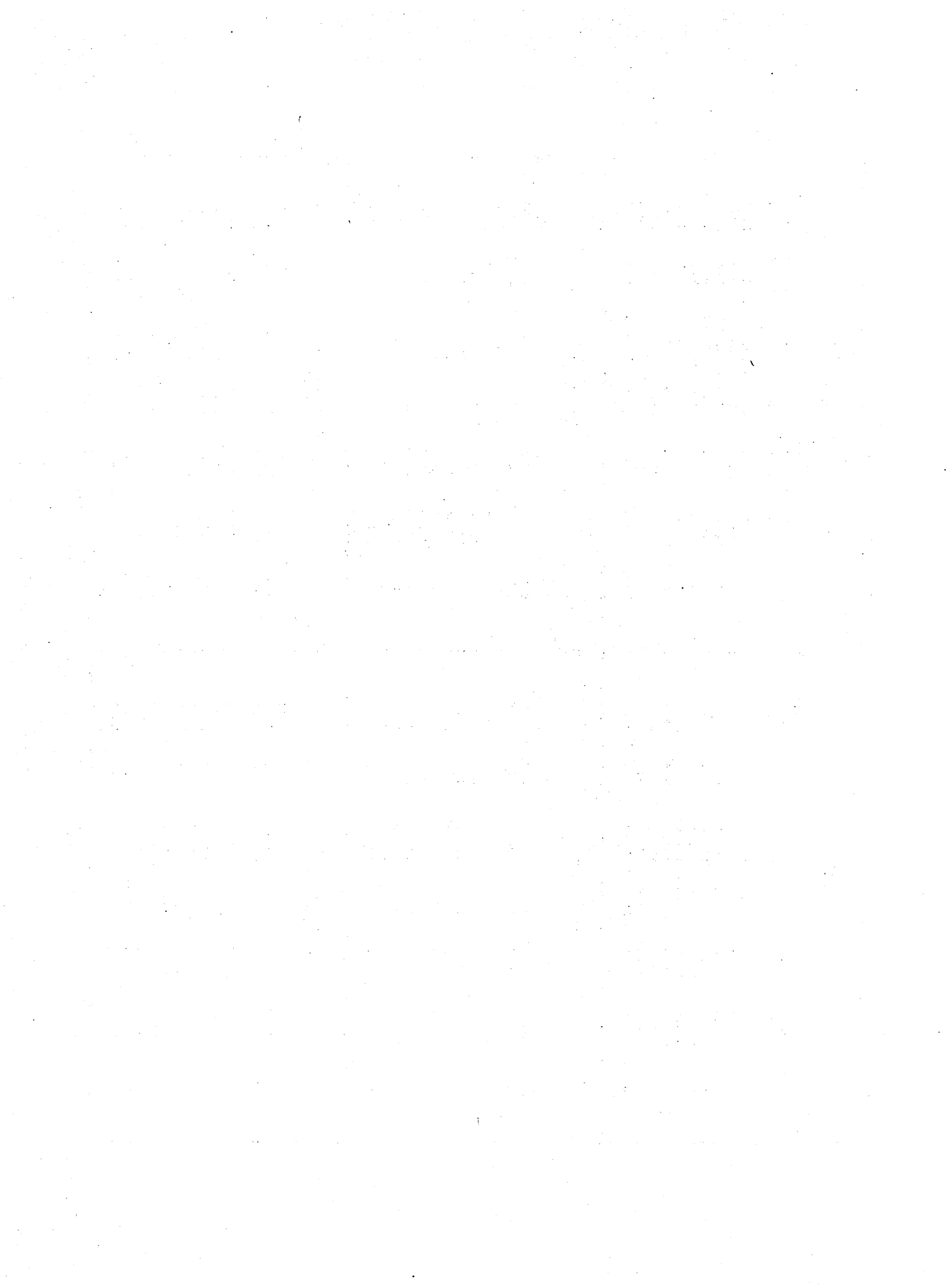
  

JULY 12, 1977 1700 CDT								JULY 12, 1977 1800 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MHI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MHI) TEMP DG C	
1	031.5	34.4	27.0	143.4	5.4	34.8		1	931.3	34.4	25.0	137.5	5.8	34.9	
2	014.7	35.0	24.0	124.4	5.9	32.6		2	916.4	34.4	24.0	130.2	6.6	32.3	
3	029.6	34.4	27.0	142.9	5.6	35.5		3	929.2	34.4	27.0	146.1	5.9	35.3	
4	034.6	33.3	29.0	164.0	5.3	33.7		4	934.0	33.3	26.0	149.0	5.7	33.4	
5	021.3	34.4	25.0	139.5	6.1	37.0		5	921.4	33.9	25.0	140.8	6.0	33.0	
6	035.3	33.3	32.0	172.1	4.6	32.4		6	935.0	33.3	30.0	165.5	4.8	32.4	
7	038.0	35.0	29.0	151.3	4.8	34.5		7	937.7	35.6	25.0	159.8	4.9	36.1	
8	044.1	35.6	22.0	125.2	5.0	34.2		8	943.8	35.6	21.0	136.9	5.5	34.1	
9	026.2	33.3	27.0	151.0	5.4	32.1		9	926.2	33.3	27.0	161.6	5.8	31.6	
10	049.2	35.6	17.0	163.2	5.8	35.9		10	949.9	35.0	18.0	163.9	6.4	35.6	

JULY 12, 1977 1900 CDT								JULY 12, 1977 2000 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MPT) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	930.9	37.9	24.0	141.0	5.7	37.9		1	931.3	33.3	24.0	138.2	5.6	32.8	
2	915.0	37.0	24.0	130.6	6.4	31.8		2	916.0	32.8	23.0	136.2	6.3	30.9	
3	924.9	37.0	25.0	150.5	5.9	34.6		3	929.2	32.8	25.0	153.7	5.4	33.2	
4	937.5	33.3	26.0	147.4	6.6	33.0		4	934.0	32.2	27.0	157.2	4.8	31.4	
5	921.1	37.3	25.0	141.1	7.3	31.8		5	921.1	31.7	27.0	146.9	7.0	30.6	
6	934.6	37.3	30.0	154.5	5.5	31.3		6	935.0	32.2	32.0	166.1	4.7	30.1	
7	937.4	35.0	25.0	153.7	5.6	35.3		7	937.0	33.9	25.0	162.3	5.3	34.4	
8	947.5	35.0	21.0	137.7	5.7	32.9		8	943.5	34.4	22.0	140.4	5.1	32.1	
9	925.8	32.9	27.0	156.1	5.7	30.4		9	925.2	31.7	27.0	158.9	5.6	29.9	
10	944.0	34.4	20.0	172.0	6.2	34.7		10	949.2	32.8	22.0	166.0	4.7	33.9	

JULY 12, 1977 2100 CDT								JULY 12, 1977 2200 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	931.3	31.7	26.0	149.5	4.0	30.5		1	931.9	29.4	37.0	154.0	2.6	27.8	
2	916.4	31.1	26.0	140.5	5.1	28.4		2	917.0	28.9	29.0	141.8	3.1	26.5	
3	929.6	31.1	23.0	160.9	3.4	29.7		3	929.9	28.9	31.0	165.1	2.1	27.4	
4	934.3	30.6	30.0	156.2	4.8	29.2		4	934.6	28.3	33.0	150.7	4.2	27.4	
5	921.1	29.4	30.0	145.4	5.6	28.0		5	921.1	27.8	32.0	147.4	4.3	26.2	
6	935.0	30.0	34.0	161.4	2.8	25.9		6	935.7	27.2	39.0	144.8	2.8	24.5	
7	937.4	32.2	28.0	151.3	2.3	31.0		7	938.0	29.4	32.0	147.0	1.4	27.3	
8	947.5	32.8	26.0	124.5	3.5	29.0		8	943.8	30.6	31.0	126.6	2.1	27.0	
9	926.5	29.4	30.0	155.5	2.0	27.1		9	926.9	26.7	33.0	144.4	2.9	24.0	
10	949.5	31.1	27.0	174.8	4.2	31.4		10	950.2	29.4	31.0	135.1	4.8	29.4	

JULY 12, 1977 2300 CDT								JULY 12, 1977 2400 CDT							
STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C		STAT NO.	PRES MB	(A+M) TEMP DG C	RH PCT	DIR DG	SPEED M/SEC	(MRI) TEMP DG C	
1	937.0	24.7	39.0	156.1	1.5	24.4		1	933.3	24.4	42.0	999.9	999.9	999.9	
2	917.7	26.7	33.0	130.7	3.7	23.7		2	914.7	25.0	36.0	999.9	999.9	999.9	
3	930.9	26.7	39.0	177.1	1.9	24.6		3	931.3	24.4	44.0	999.9	999.9	999.9	
4	935.7	26.1	40.0	141.7	5.0	25.5		4	936.3	26.1	41.0	999.9	999.9	999.9	
5	921.9	25.1	37.0	142.8	4.4	24.5		5	921.8	24.4	33.0	999.9	999.9	999.9	
6	936.3	25.1	41.0	140.9	2.9	23.1		6	937.0	23.9	47.0	999.9	999.9	999.9	
7	938.7	26.7	39.0	139.8	1.3	25.3		7	939.4	24.4	42.0	999.9	999.9	999.9	
8	944.1	28.3	35.0	124.7	3.0	25.4		8	945.1	27.8	39.0	999.9	999.9	999.9	
9	927.5	24.4	39.0	131.1	3.0	21.3		9	928.2	23.9	44.0	999.9	999.9	999.9	
10	951.2	28.3	35.0	170.3	4.9	29.2		10	951.9	27.8	41.0	999.9	999.9	999.9	



APPENDIX C

Computer Program for Reading Data Tape  
Summer 1977



```

      INTEGER DATA3(10,10),DATA4(10,10)
      DIMENSION DATA1(10,10),DATA2(10,10)
      REWIND1

C
C      NOD IS THE NUMBER OF DAYS OF SFC DATA STARTING MAY 31,1977 AND
C      ENDING JULY 13,1977
C
      READ(5,50) NOD
50  FORMAT(I3)
      DO 9999 I=1,.,:CO
      PRINT 1

C
C      READ IN 24 HOURS OF SURFACE DATA
C
      DO 99 K=2,24,2

C
C      DATA1 AND DATA2 CONTAIN THE SFC DATA AT TWO CONSECUTIVE HOURS
C      AT THE 10 SFC STATIONS FOR 10 PARAMETERS
C
      READ(01) DATA1
      READ(01) DATA2
      DO 600 I=1,10
      DO 700 J=1,4
      DATA3(I,J)=IFIX(DATA1(I,J))
      DATA4(I,J)= IFIX (DATA2(I,J))
700  CONTINUE
      DO 800 J=5,10
      IF(DATA1(I,J).EQ.999.99) DATA1(I,J) = 999.90
      IF(DATA2(I,J).EQ.999.99) DATA2(I,J) = 999.90
800  CONTINUE
500  CONTINUE
      IF((DATA4(1,3).EQ.9).OR.(DATA4(1,3).EQ.14).OR.(DATA4(1,3).EQ.20))
1  PRINT 1
1  FORMAT('1',120(1H*))
60  PRINT 2
2  FORMAT (' ',1I',67X,'1',63X,'1')
      IF (DATA3(1,1).EQ.7) GO TO 10
      IF (DATA3(1,1).EQ.6) GO TO 41
      PRINT 5, DATA3(1,2), DATA4(1,2)
5  FORMAT (' ',1I',25X,' MAY',1X,12,'.',.,' 1977',25X,'1',27X,' MAY',1X
*,12,'.',.,' 1977',23X,'1')
      GO TO 20
41  PRINT 3, DATA3(1,2), DATA4(1,2)
3  FORMAT (' ',1I',25X,' JUNE',1X,12,'.',.,' 1977',25X,'1',27X,' JUNE',1X
*,12,'.',.,' 1977',23X,'1')
      GO TO 20
10  PRINT 4, DATA3(1,2), DATA4(1,2)
4  FORMAT (' ',1I',25X,' JULY',1X,12,'.',.,' 1977',25X,'1',27X,' JULY',1X,
*,12,'.',.,' 1977',23X,'1')
20  PRINT 6, DATA3(1,3), DATA4(1,3)
6  FORMAT (' ',1I',27X,12,'00',1X,'CDT',28X,'1',29X,12,'00',1X,'CDT',2
*6X,'1')
      PRINT 2
      PRINT 9
9  FORMAT (' ',1I',21X,'(A+M)',27X,'(MRI)',5X,'1',22X,'(A+M)',27X,'(M
*RI)',4X,'1')
      PRINT 12
12  FORMAT(' ',1I',5X,'STAT',4X,'PRES',4X,'TEMP',4X,'RH',6X,'DIR',5X,'
*SPEED',3X,'TEMP',6X,'1',6X,'STAT',4X,'PRES',4X,'TEMP',4X,'RH',6X,'
*DIR',5X,'SPEED',3X,'TEMP',5X,'1')
      PRINT 13

```









## APPENDIX D

## Rawinsonde Data - Summer 1977

## Identification of Column Headings in Data Tables

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is less than 9°.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AS (DG)	Direction toward balloon measured clockwise from true north.

STATION NO. 265  
MIDLAND, TEXAS

1 JUNE 1977  
1515 GMT

124 103. 0

TIME MIN	CNTCT	HFLIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	873.0	919.7	26.7	11.6	90.0	5.3	-6.3	0.0	307.2	333.4	9.4	39.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	14.0	1092.5	900.0	22.8	11.0	101.6	7.8	-7.6	1.6	305.1	330.6	9.3	47.3	0.3	294.
1.3	15.9	1298.2	875.0	23.9	7.9	102.3	10.7	-10.4	2.3	308.6	330.4	7.7	36.1	0.7	287.
2.3	18.2	1550.9	850.0	22.1	5.7	111.2	7.7	-7.2	2.8	309.3	328.6	6.8	34.4	1.3	287.
3.1	20.4	1809.4	825.0	20.3	4.3	114.9	6.5	-5.9	2.8	310.0	328.3	6.3	34.9	1.6	288.
3.8	22.6	2074.1	800.0	18.8	3.0	103.7	2.7	-2.6	0.6	311.2	328.5	6.0	35.0	1.9	289.
4.8	25.0	2344.7	775.0	17.4	1.8	357.5	5.3	0.2	-5.3	312.5	329.0	5.6	35.1	1.9	284.
5.7	27.1	2624.6	750.0	15.4	0.3	315.5	6.3	4.4	-4.5	313.4	328.8	5.2	35.6	1.7	275.
6.8	29.6	2910.9	725.0	12.7	0.2	316.6	5.3	3.6	-3.8	313.4	329.3	5.4	42.2	1.4	266.
7.7	32.1	3204.3	700.0	10.4	-2.6	329.7	6.0	3.0	-5.2	314.0	327.4	4.5	40.1	1.3	257.
9.9	34.8	3505.8	675.0	8.1	-5.1	323.8	8.3	4.9	-6.7	314.7	326.4	3.9	38.9	1.2	229.
10.1	37.2	3815.9	650.0	5.5	-8.3	318.3	9.4	6.2	-7.0	315.2	324.9	3.1	36.1	1.4	203.
11.3	40.0	4135.1	625.0	3.2	-9.0	316.3	7.8	5.4	-5.6	316.1	325.6	3.1	40.3	1.8	185.
12.2	42.6	4464.3	600.0	0.1	-10.1	306.8	6.6	5.3	-4.0	316.2	325.3	3.0	46.1	2.0	176.
13.2	45.4	4803.7	575.0	-2.3	-9.3	303.5	5.3	4.4	-2.9	316.7	326.9	3.3	61.0	2.3	169.
14.3	49.4	5154.5	550.0	-5.8	-11.4	310.6	4.2	3.2	-2.7	317.2	326.2	2.9	64.2	2.5	164.
15.6	51.2	5517.7	525.0	-8.7	-17.1	309.9	3.9	3.0	-2.8	318.0	324.1	1.9	50.5	2.8	161.
16.6	54.4	5994.8	500.0	-10.8	-22.1	287.0	4.9	4.7	-1.4	319.9	324.1	1.3	32.7	2.9	157.
17.8	57.5	6286.1	475.0	-15.0	-23.9	297.5	5.6	5.0	-2.6	319.4	323.2	1.2	46.4	3.2	152.
19.2	61.0	6692.3	450.0	-18.1	-21.1	321.4	7.5	4.7	-5.8	320.5	325.6	1.6	76.6	3.6	149.
20.8	64.6	7120.2	425.0	-18.9	-20.5	336.2	10.8	4.4	-9.9	324.7	330.5	1.7	86.9	4.6	149.
22.3	68.2	7549.9	400.0	-21.0	-23.5	5.6	7.5	-0.7	-7.4	327.7	332.5	1.4	80.5	5.4	152.
23.8	72.0	8043.3	375.0	-24.8	-27.9	31.1	7.0	-3.6	-6.0	328.8	332.3	1.0	75.0	5.9	157.
25.4	76.0	8541.8	350.0	-28.3	-30.6	35.6	7.9	-4.6	-6.4	330.7	333.6	0.8	80.0	6.2	162.
27.2	80.3	9069.9	325.0	-32.3	-37.7	42.7	7.1	-4.8	-5.2	332.1	333.8	0.5	58.7	6.8	168.
29.2	85.0	9629.2	300.0	-36.1	-43.2	73.8	5.8	-5.6	-1.6	334.6	335.6	0.3	47.4	7.0	174.
31.0	89.6	10229.2	275.0	-40.1	99.9	120.9	4.9	-4.2	2.5	337.1	999.9	99.9	999.9	7.0	179.
33.0	95.0	10871.8	250.0	-44.9	99.9	229.6	4.6	3.5	3.0	339.3	999.9	99.9	999.9	6.5	179.
35.2	100.2	11564.1	225.0	-51.5	99.9	254.3	7.5	7.3	2.0	339.6	999.9	99.9	999.9	6.1	172.
37.9	106.7	12319.4	200.0	-57.2	99.9	303.0	10.2	8.5	-5.6	342.2	999.9	99.9	999.9	6.4	161.
40.6	112.7	13166.1	175.0	-57.2	99.9	314.5	25.9	18.5	-18.1	355.5	999.9	99.9	999.9	9.3	152.
44.1	119.7	14129.8	150.0	-62.3	99.9	319.4	28.2	18.3	-21.4	362.7	999.9	99.9	999.9	14.9	147.
47.8	127.3	15247.5	125.0	-65.4	99.9	319.2	23.9	15.6	-18.1	376.6	999.9	99.9	999.9	20.6	145.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

1 JUNE 1977  
1500 GMT

121 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	771.0	933.0	22.8	10.9	290.0	1.5	1.5	-0.5	301.9	326.0	8.8	47.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	13.0	845.9	925.0	21.1	16.2	999.9	99.9	99.9	99.9	300.9	334.8	12.7	73.7	999.9	999.9
0.9	15.3	1092.8	900.0	18.7	14.0	999.9	99.9	99.9	99.9	300.8	331.2	11.3	74.6	999.9	999.9
1.9	17.6	1325.3	875.0	20.0	8.4	999.9	99.9	99.9	99.9	304.6	326.6	7.9	47.2	999.9	999.9
2.7	20.0	1575.1	850.0	20.0	6.2	999.9	99.9	99.9	99.9	307.1	326.9	7.0	40.5	999.9	999.9
3.6	22.3	1922.2	825.0	18.7	6.5	999.9	99.9	99.9	99.9	308.4	329.4	7.4	45.0	999.9	999.9
4.4	24.8	2095.3	800.0	16.3	7.7	999.9	99.9	99.9	99.9	308.5	331.9	8.3	56.9	999.9	999.9
5.3	27.1	2354.6	775.0	14.0	5.3	999.9	99.9	99.9	99.9	308.9	329.4	7.2	55.6	999.9	999.9
6.3	29.7	2640.6	750.0	11.8	3.8	999.9	99.9	99.9	99.9	309.4	328.7	6.7	58.0	999.9	999.9
7.3	32.3	2923.4	725.0	9.3	3.0	999.9	99.9	99.9	99.9	309.7	328.6	6.6	64.8	999.9	999.9
8.2	35.0	3213.7	700.0	7.0	1.6	999.9	99.9	99.9	99.9	310.3	328.1	6.2	68.2	999.9	999.9
9.2	37.6	3512.4	675.0	5.5	-2.0	999.9	99.9	99.9	99.9	311.8	326.3	4.9	58.5	999.9	999.9
10.2	40.3	3820.2	650.0	3.4	-6.5	999.9	99.9	99.9	99.9	312.9	323.8	3.6	48.4	999.9	999.9
11.3	42.9	4137.7	625.0	2.2	-16.7	999.9	99.9	99.9	99.9	315.0	320.3	1.7	23.2	999.9	999.9
12.4	45.8	4455.5	600.0	0.2	-24.4	13.4	5.7	-1.8	-5.4	316.3	319.3	0.9	13.7	2.1	196.
13.7	48.8	4805.3	575.0	-2.0	-21.8	25.3	7.5	-3.4	-7.1	317.7	321.5	1.2	20.2	2.7	197.
15.0	51.6	5157.5	550.0	-4.2	-25.2	29.7	7.6	-3.7	-6.6	319.1	322.2	0.9	17.7	3.3	199.
16.3	54.8	5522.3	525.0	-6.8	-29.6	31.7	7.0	-3.7	-6.0	320.3	322.4	0.6	14.1	3.8	201.
17.5	57.8	5901.2	500.0	-9.5	-33.2	34.7	5.3	-3.0	-4.3	321.4	323.0	0.5	12.4	4.3	202.
18.8	61.0	6254.9	475.0	-12.8	-39.5	32.5	4.2	-2.2	-3.5	322.1	323.1	0.3	8.5	4.6	203.
20.1	64.4	6705.2	450.0	-16.0	-41.9	52.9	5.3	-4.2	-3.2	323.1	323.9	0.2	8.6	5.0	204.
21.6	67.7	7133.0	425.0	-19.3	-44.4	56.6	6.3	-5.3	-3.5	324.2	324.8	0.2	8.7	5.4	207.
23.1	71.0	7581.2	400.0	-21.9	-51.1	50.7	6.0	-4.6	-3.8	326.5	326.8	0.1	5.1	5.9	210.
24.9	74.8	8052.7	375.0	-25.7	-52.4	34.7	5.5	-3.1	-4.5	327.6	327.9	0.1	6.1	6.6	211.
26.7	78.7	8544.1	350.0	-29.4	-55.9	24.1	6.5	-2.6	-5.9	329.1	329.3	0.1	5.6	7.2	211.
29.6	82.5	9074.0	325.0	-33.7	-51.0	5.4	6.9	-0.7	-6.9	330.3	330.7	0.1	16.9	7.9	210.
30.5	86.6	9631.6	300.0	-37.2	-45.2	336.8	6.8	2.7	-6.2	333.0	333.8	0.2	39.7	8.7	206.
32.7	91.0	10227.3	275.0	-42.0	99.9	291.4	5.7	5.3	-2.1	334.5	999.9	99.9	999.9	8.8	201.
35.0	95.6	10845.8	250.0	-47.5	99.9	307.4	4.0	3.2	-2.4	335.5	999.9	99.9	999.9	9.0	197.
37.9	100.4	11554.0	225.0	-52.3	99.9	272.8	11.4	11.4	-0.6	338.4	999.9	99.9	999.9	8.9	191.
40.9	105.8	12304.3	200.0	-59.0	99.9	295.8	12.4	11.2	-5.4	339.3	999.9	99.9	999.9	9.4	176.
44.2	111.3	13137.7	175.0	-60.4	99.9	311.1	19.0	14.3	-12.5	350.3	999.9	99.9	999.9	11.5	167.
47.8	117.5	14092.0	150.0	-63.5	99.9	315.3	27.6	19.4	-19.7	360.7	999.9	99.9	999.9	15.9	155.
52.5	124.7	15208.3	125.0	-64.8	99.9	326.9	21.3	11.7	-17.8	377.6	999.9	99.9	999.9	22.6	151.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

1 JUNE 1977  
1500 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	595.0	951.9	19.8	16.8	180.0	5.5	0.0	5.5	297.1	330.8	12.8	83.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	11.4	502.4	950.0	20.6*	99.9	199.7	5.3	1.8	5.0	298.1	999.9	99.9	999.9	0.1	20.
0.6	13.8	835.8	925.0	25.4	12.2	244.0	8.0	7.2	3.5	305.2	332.1	9.7	43.8	0.4	78.
1.5	16.0	1076.2	900.0	24.4	10.9	226.9	7.8	5.7	5.3	306.6	332.1	9.2	42.7	0.7	69.
2.4	19.4	1321.8	875.0	21.9	9.4	206.6	6.1	2.7	5.4	306.5	330.3	8.5	44.9	1.1	58.
3.2	20.8	1572.4	850.0	19.3	8.2	178.7	4.9	-0.1	4.9	306.4	329.0	8.1	48.7	1.3	50.
4.2	23.3	1828.5	825.0	17.6	7.5	155.6	3.7	-1.5	3.4	307.2	329.5	7.9	51.6	1.4	41.
5.3	25.7	2090.7	800.0	15.9	7.0	133.8	3.3	-2.4	2.3	308.1	330.5	7.9	55.5	1.5	29.
6.6	28.2	2359.6	775.0	13.6	4.9	46.5	2.2	-1.6	-1.5	308.5	328.6	7.1	55.7	1.5	26.
8.2	30.9	2635.1	750.0	11.7	4.0	44.5	10.2	-7.2	-7.3	309.3	328.8	6.8	58.9	1.0	13.
9.5	33.6	2918.0	725.0	9.5	3.0	34.8	15.3	-8.7	-12.5	309.9	328.8	6.6	63.6	0.6	281.
10.5	36.1	3208.6	700.0	7.7	2.6	39.3	10.5	-6.6	-8.1	311.1	330.1	6.6	69.7	1.2	237.
11.7	38.9	3507.6	675.0	5.3	1.1	33.8	9.7	-5.4	-8.1	311.6	329.6	6.2	74.3	1.9	231.
13.1	41.6	3815.5	650.0	3.2	-0.4	14.6	7.2	-1.8	-7.0	312.6	329.4	5.8	77.5	2.5	224.
14.6	44.5	4132.6	625.0	0.6	-0.6	5.9	5.5	-0.6	-5.5	313.2	330.4	5.9	91.4	2.9	216.
16.2	47.6	4459.7	600.0	-1.4	-2.2	71.8	3.4	-3.2	-1.1	314.5	330.6	5.5	94.7	3.3	215.
18.2	50.5	4798.3	575.0	-3.5	-4.2	129.0	3.8	-2.9	2.4	315.9	330.6	4.9	94.9	3.5	223.
20.2	53.5	5149.1	550.0	-5.5	-6.3	103.0	3.0	-2.9	0.7	317.5	330.7	4.3	94.3	3.8	229.
22.3	56.5	5513.3	525.0	-7.3	-8.2	88.6	6.3	-6.3	-0.2	319.7	331.8	3.9	92.9	4.0	234.
24.5	59.9	5892.5	500.0	-9.5	-10.9	69.2	10.1	-9.5	-3.6	321.5	331.9	3.3	89.7	5.0	241.
26.8	63.3	6287.5	475.0	-12.1	-13.7	999.9	99.9	99.9	99.9	323.0	331.9	2.8	88.0	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

1 JUNE 1977  
1500 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	781.0	927.5	25.6	12.4	90.0	1.3	-1.0	0.0	305.3	332.4	9.9	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.1	804.7	925.0	25.4*	99.9	999.9	99.9	99.9	99.9	305.3	999.9	99.9	999.9	999.9	999.
0.7	15.4	1044.0	900.0	24.3*	99.9	999.9	99.9	99.9	99.9	306.6	999.9	99.9	999.9	999.9	999.
1.3	17.6	1244.9	875.0	23.3*	99.9	999.9	99.9	99.9	99.9	308.0	999.9	99.9	999.9	999.9	999.
1.9	20.1	1541.1	850.0	22.9	6.7	86.6	1.0	-1.0	-0.1	311.2	332.1	7.3	33.2	0.5	261.
2.8	22.3	1800.0	825.0	20.5	3.7	348.4	1.7	0.3	-1.7	310.3	327.8	6.1	33.0	0.4	254.
3.8	24.9	2064.6	800.0	18.0	2.5	53.2	5.3	-4.2	-3.2	310.3	327.0	5.8	35.6	0.7	241.
5.0	27.1	2335.4	775.0	16.4	1.5	328.9	4.0	2.1	-3.4	311.5	327.6	5.5	36.5	0.9	247.
5.9	29.7	2613.4	750.0	14.0	-0.2	289.0	8.9	8.5	-2.9	311.7	326.5	5.0	37.7	0.8	214.
6.8	32.4	2879.7	725.0	12.5	-2.0	247.1	6.9	6.3	2.7	313.2	326.7	4.6	36.4	0.6	180.
7.7	35.0	3191.6	700.0	9.9	-2.7	241.2	5.3	4.7	2.6	313.4	326.8	4.5	41.2	0.4	147.
8.7	37.6	3492.7	675.0	7.1	-3.5	281.1	6.6	6.5	-1.3	313.6	326.7	4.4	46.9	0.7	127.
9.7	40.3	3800.9	650.0	4.3	99.9	267.5	7.5	7.5	0.3	313.9	999.9	99.9	999.9	1.1	116.
10.7	43.0	4118.1	625.0	1.4	99.9	260.7	7.3	7.2	1.2	314.0	999.9	99.9	999.9	1.5	104.
11.7	45.9	4445.3	600.0	-1.3	-6.7	265.7	2.0	2.0	0.1	314.6	326.2	3.9	66.7	1.8	100.
12.7	48.9	4732.9	575.0	-4.6	-7.0	69.7	2.0	-1.9	-0.7	314.6	326.4	3.9	83.3	1.8	102.
13.7	51.8	5131.3	550.0	-7.2	-8.7	85.3	3.1	-3.1	-0.3	315.5	326.5	3.6	89.2	1.6	105.
15.0	54.9	5493.0	525.0	-9.4	-10.9	17.1	4.0	-1.2	-3.8	317.1	326.9	3.2	89.1	1.4	107.
16.5	57.9	5869.2	500.0	-11.0*	99.9	23.1	8.1	-3.2	-7.4	319.6	999.9	99.9	999.9	1.6	131.
19.2	61.1	6261.3	475.0	-13.4*	99.9	51.1	9.4	-7.3	-5.9	321.4	999.9	99.9	999.9	1.9	158.
19.9	64.6	6670.8	450.0	-15.8*	99.9	77.4	10.6	-10.4	-2.3	323.3	999.9	99.9	999.9	2.2	186.
21.3	67.9	7099.5	425.0	-18.5	-20.6	48.8	6.3	-4.8	-4.2	325.2	331.0	1.7	83.5	2.6	204.
22.7	71.1	7540.4	400.0	-21.7	-24.3	45.2	4.4	-3.1	-3.1	326.8	331.3	1.3	78.9	3.0	204.
24.3	74.9	8022.2	375.0	-24.9	-27.8	51.5	5.9	-5.4	-4.3	328.6	332.2	1.0	76.4	3.4	209.
25.1	78.7	8520.2	350.0	-28.5	-33.3	44.7	4.0	-2.8	-2.9	330.4	332.7	0.7	63.1	4.1	211.
28.1	82.7	9047.3	325.0	-32.4	-39.1	27.6	2.6	-1.2	-2.3	332.0	333.5	0.4	50.8	4.4	212.
29.9	86.6	9506.9	300.0	-36.7	-43.8	90.5	5.3	-5.3	0.0	333.7	334.6	0.3	47.2	4.7	217.
31.8	91.0	10207.9	275.0	-41.7	99.9	317.3	3.4	2.3	-2.5	334.9	999.9	99.9	999.9	4.9	219.
34.0	95.7	10841.8	250.0	-46.8	99.9	146.9	4.3	-2.4	3.6	336.5	999.9	99.9	999.9	5.0	214.
35.4	100.5	11536.3	225.0	-50.4	99.9	349.3	12.1	2.3	-11.9	341.2	999.9	99.9	999.9	4.9	215.
39.2	105.0	12292.6	200.0	-57.1	99.9	218.9	15.5	9.8	12.1	342.4	999.9	99.9	999.9	3.9	199.
41.9	111.9	13132.1	175.0	-59.1	99.9	273.1	22.7	22.7	-1.2	352.5	999.9	99.9	999.9	5.9	168.
45.0	118.3	14094.3	150.0	-61.4	99.9	371.6	55.3	26.8	-49.5	364.4	999.9	99.9	999.9	8.1	155.
49.4	125.5	15216.3	125.0	-64.5	99.9	324.4	22.2	12.9	-18.1	378.2	999.9	99.9	999.9	16.7	152.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

1 JUNE 1977  
1754 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	873.0	919.4	31.7	2.0	160.0	5.0	-1.7	4.7	312.4	333.7	7.4	23.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	15.8	1053.1	900.0	27.7	7.0	999.9	99.9	99.9	99.9	310.0	330.1	7.0	26.9	999.9	999.9
1.7	18.3	1301.0	875.0	24.4	5.4	154.9	2.3	-1.0	2.1	309.1	327.6	6.5	29.4	0.3	329.
2.7	20.9	1554.2	850.0	22.9	4.3	157.9	2.7	-1.0	2.5	310.2	327.9	6.1	29.6	0.4	332.
3.7	23.4	1812.9	825.0	20.5	3.6	150.0	2.4	-1.2	2.1	310.3	327.7	6.0	32.8	0.6	333.
4.6	25.9	2077.5	800.0	18.1	3.3	124.2	2.8	-2.3	1.6	310.4	328.1	6.1	37.4	0.7	331.
5.5	28.4	2349.0	775.0	15.6	2.6	87.5	2.4	-2.4	-0.1	310.5	327.9	6.0	41.8	0.9	324.
6.6	31.2	2625.2	750.0	13.1	-0.4	35.1	2.7	-1.6	-2.2	310.8	325.4	5.0	39.4	0.9	314.
7.6	34.0	2909.0	725.0	11.2	0.1	17.5	7.0	-2.1	-6.7	311.7	327.3	5.3	46.3	0.9	294.
8.6	36.6	3201.2	700.0	9.0	-0.6	0.1	5.4	-0.0	-5.4	312.5	327.9	5.3	50.9	0.8	255.
9.6	39.5	3501.7	675.0	7.3	-2.0	4.0	4.1	-0.3	-4.1	313.8	328.4	4.9	51.9	0.9	250.
10.6	42.2	3811.3	650.0	5.7	-8.4	337.7	6.4	2.4	-5.9	315.5	325.1	3.1	35.4	1.1	230.
11.7	45.2	4131.3	625.0	3.9	-10.3	317.2	5.4	3.7	-4.0	317.0	325.7	2.8	34.6	1.1	209.
12.8	48.3	4451.0	600.0	0.6	-9.6	328.0	5.2	2.8	-4.4	316.8	326.3	3.1	46.2	1.2	196.
14.0	51.1	4801.0	575.0	-2.0	-10.6	330.0	8.6	4.3	-7.5	317.7	326.9	3.0	51.7	1.7	185.
15.2	54.3	5152.5	550.0	-5.3	-12.3	356.1	7.3	0.5	-7.3	317.8	326.2	2.7	57.7	2.2	177.
16.4	57.3	5516.0	525.0	-8.1	-14.8	21.8	7.4	-2.7	-6.8	318.8	326.0	2.3	58.0	2.7	179.
17.5	60.6	5897.1	500.0	-11.0	-17.3	50.0	9.0	-6.9	-5.8	319.7	326.0	2.0	59.4	3.2	185.
18.9	64.0	6296.0	475.0	-12.8	-16.9	72.8	10.2	-9.8	-3.0	322.2	329.1	2.1	70.8	3.7	196.
20.2	67.3	6696.7	450.0	-15.7	-17.4	75.7	8.8	-8.5	-2.2	323.5	330.5	2.2	86.2	4.1	206.
21.6	70.9	7126.1	425.0	-18.2	-20.0	67.1	7.9	-7.3	-3.1	325.6	331.6	1.8	85.7	4.6	212.
23.2	74.4	7576.6	400.0	-21.0	-24.1	59.8	7.1	-6.1	-3.6	327.7	332.3	1.4	75.8	5.2	216.
25.0	78.3	8050.9	375.0	-24.0	-30.7	63.4	4.7	-4.2	-2.1	329.9	332.7	0.8	53.7	5.8	218.
27.0	82.2	8550.6	350.0	-27.9	-34.6	59.6	3.9	-3.4	-2.0	331.1	333.2	0.6	52.2	6.2	221.
28.7	86.0	9079.1	325.0	-31.4	-38.8	49.5	3.7	-2.8	-2.4	333.4	334.8	0.4	47.9	6.7	221.
30.7	90.4	9640.0	300.0	-36.1	-43.9	89.2	2.7	-2.7	-0.0	334.5	335.4	0.3	43.9	7.0	222.
32.8	95.1	10237.6	275.0	-40.9	-49.9	212.4	4.9	2.6	4.2	336.0	339.9	99.9	999.9	6.9	225.
35.1	99.8	10978.2	250.0	-46.5*	-56.9	254.5	7.4	7.1	2.0	336.9	341.9	99.9	999.9	6.0	223.
37.4	104.9	11569.2	225.0	-52.5	-63.9	262.3	5.0	5.0	0.7	338.0	343.9	99.9	999.9	5.3	217.
40.1	110.2	12333.7	200.0	-54.7	-66.4	314.6	14.7	10.5	-10.3	346.1	349.9	99.9	999.9	4.9	209.
43.0	116.0	13173.2	175.0	-57.7	-69.9	319.0	24.7	16.2	-18.7	354.8	359.9	99.9	999.9	7.3	175.
46.2	122.7	14176.3	150.0	-62.3	-73.9	321.7	26.9	16.7	-21.1	362.7	369.9	99.9	999.9	12.1	160.
49.9	130.0	15249.9	125.0	-66.4	-77.9	321.7	24.6	15.3	-19.3	374.8	379.9	99.9	999.9	17.4	154.
54.3	137.7	16592.1	100.0	-69.5	-81.9	325.5	9.9	5.6	-8.1	393.4	399.9	99.9	999.9	21.7	153.
60.0	145.7	18311.6	75.0	-65.4	-77.9	999.9	99.9	99.9	99.9	435.8	449.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

1 JUNE 1977  
1800 GMT

123 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	771.0	931.6	27.8	19.8	150.0	1.0	-0.5	0.9	307.1	350.4	15.9	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	12.9	834.0	925.0	25.6	17.1	999.9	99.9	99.9	99.9	305.4	342.0	13.4	59.5	999.9	999.9
1.0	15.3	1074.7	900.0	23.2	16.0	999.9	99.9	99.9	99.9	305.4	340.4	12.9	64.1	999.9	999.9
1.8	17.6	1320.2	875.0	21.7	12.4	63.7	4.2	-3.8	-1.9	306.4	335.2	10.4	55.3	0.5	260.
2.8	20.1	1572.2	850.0	21.4	13.1	71.3	5.0	-4.7	-1.6	308.6	339.8	11.2	59.0	0.7	254.
3.8	22.4	1870.7	825.0	19.6	10.7	70.2	4.5	-4.3	-1.6	309.3	337.0	9.9	56.6	1.0	254.
4.7	25.0	2095.0	800.0	17.3	9.3	54.9	4.8	-3.9	-2.8	309.6	335.7	9.3	59.2	1.3	252.
5.7	27.4	2345.8	775.0	15.6	6.6	34.2	4.5	-2.6	-3.8	310.6	333.2	7.9	54.9	1.5	248.
6.7	30.0	2643.6	750.0	14.1	5.3	337.7	5.9	2.2	-5.4	311.8	333.4	7.5	55.6	1.7	238.
7.6	32.8	2929.1	725.0	11.7	3.8	311.9	7.3	5.4	-4.9	312.3	332.4	6.9	58.0	1.7	225.
8.7	35.5	3222.1	700.0	9.7	1.1	201.3	7.6	6.5	-3.9	313.2	330.6	5.9	54.9	1.6	207.
9.7	38.1	3522.8	675.0	7.2	-2.0	296.8	7.4	6.6	-3.4	313.7	328.2	4.9	52.1	1.7	192.
10.8	40.8	3872.1	650.0	4.9	-3.9	295.5	6.9	6.2	-3.0	314.4	327.6	4.4	53.5	1.9	178.
12.0	43.7	4150.6	625.0	2.1	-7.4	300.7	5.3	4.6	-2.7	314.8	325.6	3.5	49.4	2.1	167.
13.2	46.7	4479.4	600.0	0.3	-9.3	335.4	4.2	1.7	-3.8	316.5	326.2	3.2	48.6	2.4	163.
14.5	49.8	4818.9	575.0	-2.8	-11.2	5.6	4.7	-0.5	-4.7	316.7	325.5	2.8	52.1	2.7	164.
15.7	52.6	5170.1	550.0	-4.8	-13.6	20.0	5.4	-1.8	-5.1	318.4	326.0	2.4	50.1	3.1	168.
17.1	55.7	5534.9	525.0	-7.0	-16.1	29.9	5.7	-2.9	-5.0	320.0	326.6	2.1	48.0	3.5	173.
18.3	58.9	5913.3	500.0	-10.0	-19.0	33.2	5.9	-3.2	-4.9	320.9	326.4	1.7	47.6	3.8	177.
19.8	62.3	6306.9	475.0	-13.0	-22.2	36.0	5.1	-3.0	-4.1	321.9	326.4	1.4	45.9	4.2	181.
21.2	65.7	6716.7	450.0	-16.3	-25.4	63.3	5.7	-6.0	-3.0	322.8	326.4	1.1	45.1	4.5	185.
22.9	69.1	7144.4	425.0	-19.1	-28.1	62.3	9.2	-8.1	-4.3	324.5	327.6	0.9	44.3	5.0	193.
24.4	72.6	7593.7	400.0	-22.0	-31.1	57.4	8.8	-7.4	-4.7	326.4	328.8	0.7	43.2	5.6	200.
26.1	76.3	8045.3	375.0	-25.2	-34.2	56.9	8.0	-6.7	-4.4	328.3	330.2	0.6	42.4	6.3	204.
27.9	80.3	8563.3	350.0	-28.6	-37.5	38.7	6.4	-4.0	-5.0	330.2	331.8	0.4	41.8	7.0	207.
29.7	84.3	9089.8	325.0	-32.6	-41.0	333.3	8.5	3.8	-7.6	331.7	332.9	0.3	42.6	7.7	205.
31.6	88.4	9650.1	300.0	-36.6	-44.2	301.4	10.3	8.8	-5.4	333.8	334.8	0.2	44.5	8.1	198.
33.6	92.8	10245.9	275.0	-42.0	-49.9	277.3	8.5	8.4	-1.1	334.4	999.9	99.9	999.9	8.2	190.
35.9	97.3	10883.7	250.0	-47.1	-55.9	254.8	9.8	8.5	2.3	336.0	999.9	99.9	999.9	8.0	182.
39.5	102.2	11573.3	225.0	-52.5	-61.9	254.0	12.6	12.5	1.3	338.1	999.9	99.9	999.9	7.9	170.
41.1	107.6	12322.6	200.0	-58.9	-69.9	300.4	10.2	8.8	-5.1	339.5	999.9	99.9	999.9	8.4	159.
44.1	113.3	13147.6	175.0	-60.8	-72.9	315.3	19.1	13.4	-13.5	349.6	999.9	99.9	999.9	10.7	154.
47.8	119.5	14114.0	150.0	-61.9	-74.9	317.3	24.7	16.7	-18.1	363.4	999.9	99.9	999.9	16.1	148.
51.7	126.5	15235.2	125.0	-65.0	-78.9	322.2	18.8	11.5	-14.9	377.3	999.9	99.9	999.9	21.4	145.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

1 JUNE 1977  
1751 GMT

125 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	545.0	549.9	24.0	20.9	90.0	2.6	-2.6	0.0	301.7	346.0	16.7	83.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	12.7	800.3	925.0	25.1	13.8	94.5	6.8	-6.7	0.5	305.0	334.8	10.9	50.1	0.5	261.
1.8	14.9	1050.8	900.0	27.2	8.7	119.3	3.8	-3.3	1.9	309.6	332.0	7.9	31.2	0.7	271.
2.7	16.9	1299.1	875.0	25.2	6.2	128.7	3.2	-2.5	2.0	310.0	329.6	6.8	29.5	0.9	278.
3.7	19.2	1553.2	850.0	24.1	5.5	165.6	1.3	-0.3	1.2	311.4	330.8	6.7	30.1	1.0	283.
4.7	21.3	1812.7	825.0	21.0	4.0	246.8	1.9	1.7	1.2	310.8	328.7	6.2	32.6	1.0	286.
5.6	23.6	2077.9	800.0	18.8	2.9	188.6	1.1	0.2	1.1	311.2	328.4	5.9	34.7	0.9	291.
6.4	25.9	2349.4	775.0	15.5	1.5	107.2	1.8	-1.8	0.5	311.5	327.7	5.5	36.4	1.0	293.
7.3	28.1	2627.4	750.0	14.1	0.3	95.7	1.6	-1.6	0.2	311.9	327.2	5.2	38.6	1.1	295.
8.2	30.7	2912.2	725.0	11.2	0.0	89.7	2.0	-2.0	-0.0	311.8	327.3	5.3	45.9	1.2	291.
9.1	33.2	3204.1	700.0	8.6	-1.1	66.2	2.7	-2.5	-1.1	312.0	326.8	5.1	50.5	1.3	288.
10.3	35.7	3503.8	675.0	6.5	-1.6	40.2	3.6	-2.5	-2.9	312.9	327.8	5.1	56.2	1.4	280.
11.7	38.3	3912.2	650.0	3.6	-4.2	45.7	4.5	-3.2	-3.1	313.1	326.0	4.3	56.8	1.6	267.
12.9	40.9	4125.3	625.0	0.3	-4.4	58.2	3.8	-3.2	-2.0	312.9	326.0	4.4	70.4	1.9	253.
14.1	43.7	4455.5	600.0	-2.7	-5.6	54.3	4.9	-4.0	-2.9	313.5	326.1	4.2	78.1	2.1	259.
15.2	46.6	4792.9	575.0	-4.1	-10.0	63.9	5.8	-5.2	-2.6	315.2	324.8	3.1	63.5	2.5	256.
16.4	49.6	5142.7	550.0	-5.9	-19.2	74.6	6.9	-6.7	-1.8	317.1	322.0	1.5	34.2	2.9	255.
17.7	52.4	5505.5	525.0	-8.3	-17.9	70.9	6.6	-6.2	-2.2	318.4	324.7	2.0	81.9	3.5	255.
18.9	55.5	5892.5	500.0	-11.2	-13.8	56.5	5.4	-4.5	-3.0	319.4	327.7	2.6	81.6	3.9	254.
20.3	58.6	6274.5	475.0	-13.6	-30.7	45.7	2.7	-1.9	-1.9	321.1	323.9	0.8	29.3	4.3	252.
21.7	62.0	6683.4	450.0	-15.1	-25.0	319.1	0.6	0.4	-0.4	323.0	326.7	1.1	45.2	4.3	251.
23.5	65.4	7111.8	425.0	-18.5	-53.1	345.5	1.3	0.3	-1.2	325.3	325.5	0.1	3.0	4.3	250.
25.1	68.9	7561.4	400.0	-21.7	-46.2	33.3	2.6	-1.4	-2.2	326.7	327.3	0.1	8.9	4.4	248.
26.5	72.5	8033.1	375.0	-25.4	-28.8	61.6	1.8	-1.5	-0.8	328.0	331.2	0.9	73.1	4.6	247.
28.1	76.5	8530.1	350.0	-29.7	-34.3	131.4	1.4	-1.1	1.0	328.7	330.8	0.6	64.0	4.7	247.
29.9	80.4	9094.4	325.0	-33.8	-39.0	162.5	4.0	-1.2	3.8	330.1	331.5	0.4	59.1	4.8	251.
31.7	84.7	9610.3	300.0	-38.4	-44.3	239.5	4.6	3.9	2.4	331.2	332.2	0.2	53.5	4.5	256.
33.7	89.0	10202.8	275.0	-43.1	-49.9	286.0	6.2	5.9	-1.7	332.8	339.9	0.9	959.9	3.9	253.
36.0	94.0	10838.7	250.0	-47.3	-55.9	321.3	9.5	5.9	-7.4	335.8	339.9	0.9	959.9	3.4	242.
39.3	99.0	11528.7	225.0	-52.9	-62.9	323.6	19.1	11.3	-15.4	337.4	339.9	0.9	959.9	3.7	209.
40.8	104.3	12278.4	200.0	-59.1	-69.9	323.4	23.0	13.7	-18.5	339.2	339.9	0.9	959.9	5.9	177.
43.7	110.4	13111.8	175.0	-60.5	-75.9	321.8	19.8	12.2	-15.5	350.1	339.9	0.9	959.9	9.2	165.
47.2	117.0	14064.9	150.0	-63.7	-83.7	322.2	13.7	8.4	-10.8	360.4	339.9	0.9	959.9	12.8	159.
51.1	124.7	15176.2	125.0	-67.4	-99.9	323.4	99.9	99.9	99.9	373.0	339.9	0.9	959.9	999.9	999.9
56.0	133.0	16511.0	100.0	-68.0	-99.9	323.4	99.9	99.9	99.9	396.4	339.9	0.9	959.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

1 JUNE 1977  
1900 GMT

124 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	781.0	928.5	27.2	18.8	110.0	4.1	-3.9	1.4	306.8	346.7	14.6	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.5	814.2	925.0	25.6	99.9	999.9	99.9	99.9	99.9	305.5	999.9	99.9	999.9	999.9	999.
0.8	15.8	1052.7	900.0	22.3	99.9	999.9	99.9	99.9	99.9	304.5	999.9	99.9	999.9	999.9	999.
1.6	18.1	1295.3	875.0	20.4	10.3	100.3	4.4	-4.3	0.8	305.0	330.1	9.1	52.3	0.4	301.
2.4	20.5	1547.1	850.0	21.1	7.1	84.1	4.7	-4.9	-0.5	308.2	329.6	7.5	40.6	0.7	291.
3.4	22.9	1804.5	825.0	19.4	4.4	60.5	5.0	-4.3	-2.5	309.1	327.4	6.4	37.1	0.5	279.
4.3	25.7	2068.1	800.0	17.3	3.2	106.5	3.4	-3.3	1.0	309.6	327.1	6.1	39.0	1.1	274.
5.3	27.7	2378.0	775.0	15.0	2.3	39.6	5.4	-3.4	-4.1	309.9	326.8	5.9	42.4	1.3	274.
6.2	30.3	2614.5	750.0	12.7	1.9	43.8	3.6	-2.5	-2.6	310.4	327.5	5.9	47.7	1.5	262.
7.3	33.0	2897.9	725.0	10.4	-0.5	103.9	1.5	-1.4	0.4	310.9	325.9	5.1	46.7	1.6	263.
8.4	35.6	3189.5	700.0	8.3	-0.8	360.0	5.4	0.0	-5.4	311.6	326.8	5.2	52.7	1.6	262.
9.3	38.4	3498.7	675.0	5.0	-1.2	346.7	8.3	1.9	-9.1	311.2	326.5	5.2	65.0	1.7	246.
10.3	41.0	3795.7	650.0	3.8	-2.9	347.6	6.8	1.5	-6.7	313.3	327.4	4.8	61.8	1.8	230.
11.5	43.9	4113.2	625.0	0.9	-5.8	351.6	5.2	0.8	-5.1	313.5	325.5	4.0	60.9	2.1	221.
12.7	46.0	4440.4	600.0	-1.1	-7.4	353.4	3.9	0.5	-3.9	314.9	326.0	3.7	62.2	2.3	214.
14.1	50.0	4779.2	575.0	-2.9	-12.3	19.3	3.0	-1.0	-2.9	316.6	324.6	2.6	48.2	2.6	211.
15.3	52.9	5129.7	550.0	-5.6	-20.7	60.4	5.2	-4.5	-2.6	317.5	321.8	1.3	25.1	2.8	212.
16.5	55.9	5492.8	525.0	-8.5	-22.4	48.9	6.6	-5.1	-4.5	318.2	322.2	1.2	31.5	3.3	218.
18.0	59.3	5869.4	500.0	-11.7	-25.8	61.2	6.6	-5.8	-3.2	319.2	322.4	0.9	28.9	3.9	213.
19.2	62.6	6261.0	475.0	-13.9	-28.7	96.5	8.8	-8.8	1.0	320.8	323.4	0.7	27.1	4.2	225.
20.6	65.9	6669.7	450.0	-16.6	-34.5	76.4	10.0	-9.7	-2.3	322.4	324.0	0.5	19.5	4.8	225.
22.2	69.6	7097.5	425.0	-19.8	-38.6	77.5	9.7	-9.4	-2.1	324.9	326.1	0.3	15.4	5.7	234.
23.9	73.1	7546.7	400.0	-22.0	-41.4	80.0	9.2	-9.2	-1.6	326.5	327.4	0.2	15.2	6.5	237.
25.4	77.0	8019.3	375.0	-25.0	-41.4	66.6	7.9	-7.3	-3.1	328.5	329.4	0.3	19.9	7.3	239.
27.0	80.9	8516.8	350.0	-27.8	-35.5	45.0	4.2	-3.0	-3.0	331.2	333.1	0.3	47.8	7.9	239.
29.0	85.1	9044.5	325.0	-32.0	-39.8	351.2	1.4	0.2	-1.3	332.6	333.9	0.4	45.3	8.2	239.
31.0	89.4	9604.1	300.0	-37.2	-45.2	342.1	2.1	0.6	-2.0	333.0	333.8	0.2	42.7	8.2	236.
32.9	94.2	10199.5	275.0	-42.1	99.9	155.9	0.6	-0.3	0.6	334.3	999.9	99.9	999.9	8.4	235.
34.8	99.8	10839.1	250.0	-46.6	99.9	225.6	1.6	1.1	1.1	336.8	999.9	99.9	999.9	8.2	237.
36.9	104.0	11529.6	225.0	-52.1	99.9	272.7	9.3	9.3	-0.4	338.6	999.9	99.9	999.9	7.5	235.
39.2	109.6	12292.5	200.0	-56.3	99.9	305.1	13.1	10.7	-7.5	343.6	999.9	99.9	999.9	6.5	224.
41.9	115.5	13128.4	175.0	-57.6	99.9	323.8	36.6	21.7	-29.5	354.8	999.9	99.9	999.9	8.1	193.
44.7	122.0	14091.2	150.0	-62.1	99.9	308.0	34.6	27.3	-21.3	363.1	999.9	99.9	999.9	11.0	180.
47.9	129.0	15210.4	125.0	-65.0	99.9	331.7	25.1	11.9	-22.1	377.2	999.9	99.9	999.9	15.9	168.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

1 JUNE 1977  
2045 GMT

126 71. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	877.0	916.7	35.0	8.7	70.0	3.3	-2.8	-1.0	315.9	338.5	7.7	20.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	15.1	1037.6	900.0	29.6	9.9	262.0	10.6	10.5	1.5	312.0	336.4	8.6	29.5	0.3	274.
1.5	17.3	1287.4	875.0	27.1	8.8	7.3	4.1	-0.5	-4.0	311.9	335.3	8.2	31.6	0.2	205.
2.3	19.7	1542.6	850.0	24.8	8.6	66.7	1.6	-1.5	-0.6	312.1	335.9	8.3	35.7	0.3	209.
3.4	21.9	1803.2	825.0	22.4	7.9	84.4	2.3	-2.3	-0.2	312.3	335.7	8.2	39.4	0.4	225.
4.6	24.4	2069.5	800.0	19.4	7.3	82.9	2.9	-2.9	-0.4	311.8	335.0	8.1	45.5	0.5	236.
6.3	26.7	2341.6	775.0	16.9	6.4	79.4	1.5	-1.5	-0.3	312.0	334.5	7.8	50.1	0.8	244.
7.8	29.2	2619.9	750.0	14.0	5.4	97.6	2.5	-2.5	0.3	311.8	333.4	7.5	55.9	0.9	249.
9.1	31.8	2905.1	725.0	11.4	4.7	131.6	2.6	-2.0	1.8	311.9	333.3	7.4	63.5	1.1	256.
10.2	34.4	3197.5	700.0	9.6	3.0	110.5	1.9	-1.8	0.7	312.1	331.8	6.8	67.5	1.2	262.
11.3	35.8	3497.6	675.0	6.5	0.4	16.4	1.2	-0.3	-1.2	312.9	330.0	5.9	65.1	1.3	261.
12.4	39.6	3805.8	650.0	5.2	-6.0	306.6	2.3	1.8	-1.4	314.8	326.2	3.8	44.4	1.2	257.
13.4	42.1	4126.1	625.0	3.1	-9.1	311.6	4.2	3.6	-3.2	316.0	325.5	3.1	40.2	1.1	250.
14.4	44.8	4455.6	600.0	0.5	-10.2	309.9	7.8	6.0	-5.0	316.7	325.7	2.9	44.1	1.0	228.
15.5	47.7	4795.4	575.0	-2.5	-10.3	312.5	6.7	4.9	-4.5	317.1	326.4	3.0	54.8	1.0	202.
16.5	50.5	5146.5	550.0	-5.6	-12.5	339.0	5.8	2.1	-5.4	317.5	325.8	2.7	57.8	1.3	185.
17.7	53.3	5509.7	525.0	-7.9	-18.8	30.6	5.1	-2.6	-4.4	319.0	324.3	1.6	41.0	1.7	185.
19.1	55.1	5897.2	500.0	-10.5	-25.4	48.9	7.2	-5.4	-4.7	320.3	323.5	1.0	27.9	2.1	195.
20.5	59.3	6280.1	475.0	-12.5	-34.2	61.1	8.0	-7.0	-3.9	322.5	324.0	0.4	14.3	2.6	203.
22.1	62.4	6691.0	450.0	-15.1	-38.4	86.6	8.1	-8.1	-0.5	324.2	325.3	0.3	11.5	3.1	214.
23.5	65.7	7121.7	425.0	-16.8	-42.0	92.0	7.9	-7.9	0.3	327.4	328.2	0.2	5.2	3.6	224.
25.1	69.0	7571.4	400.0	-20.2	-39.5	78.8	6.8	-6.7	-1.3	328.8	329.9	0.3	15.9	4.1	231.
26.5	72.3	8049.7	375.0	-23.5	-37.1	86.8	5.7	-5.7	-0.3	330.5	332.1	0.4	28.8	4.6	234.
28.2	76.0	8549.6	350.0	-26.6	-36.1	97.8	3.2	-3.1	0.4	333.0	334.8	0.5	39.6	4.9	237.
29.9	79.9	9079.7	325.0	-31.3	-41.3	70.4	3.2	-3.0	-1.1	333.6	334.8	0.3	36.1	5.2	239.
31.7	83.7	9640.7	300.0	-36.1	-44.4	50.1	0.7	-0.5	-0.4	334.5	335.5	0.2	41.5	5.5	240.
33.5	87.7	10238.8	275.0	-41.0	99.9	267.3	6.5	6.5	0.3	335.8	999.9	99.9	999.9	5.1	237.
35.5	92.2	10878.2	250.0	-47.0	99.9	252.1	6.5	6.2	2.0	336.2	999.9	99.9	999.9	4.3	233.
37.7	96.8	11559.3	225.0	-50.5	99.9	301.1	8.8	7.5	-4.6	341.2	999.9	99.9	999.9	3.7	225.
40.2	101.6	12331.7	200.0	-53.8	99.9	304.6	20.5	16.9	-11.6	347.6	999.9	99.9	999.9	4.0	195.
43.0	107.3	13194.3	175.0	-57.2	99.9	313.7	22.7	16.4	-15.7	355.6	999.9	99.9	999.9	6.2	165.
46.0	113.3	14149.9	150.0	-62.3	99.9	318.6	29.1	19.2	-21.8	362.8	999.9	99.9	999.9	10.5	153.
49.3	120.0	15259.9	125.0	-67.1	99.9	319.0	24.8	16.3	-18.7	373.5	999.9	99.9	999.9	15.5	147.
53.3	127.7	16596.3	100.0	-71.0	99.9	318.3	11.6	7.7	-8.6	390.6	999.9	99.9	999.9	19.4	147.
58.5	136.7	18311.1	75.0	-64.1	99.9	999.9	99.9	99.9	99.9	438.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

1 JUNE 1977  
2100 GMT

125 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.3	771.0	929.6	30.6	18.0	210.0	2.1	1.0	1.8	310.2	349.4	14.1	47.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.9	815.3	925.0	28.6	15.5	999.9	99.9	99.9	99.9	308.6	342.2	12.1	44.9	999.9	999.
1.3	16.1	1057.7	900.0	25.3	14.7	999.9	99.9	99.9	99.9	307.6	340.2	11.8	52.0	999.9	999.
2.6	18.7	1304.0	875.0	22.3	12.6	999.9	99.9	99.9	99.9	306.9	336.1	10.6	54.2	999.9	999.
3.8	21.0	1555.2	850.0	20.2	11.5	122.5	2.9	-2.5	1.6	307.3	335.4	10.1	57.6	0.8	305.
4.9	23.7	1812.1	825.0	17.6	10.0	114.1	2.4	-2.2	1.0	307.2	333.4	9.4	61.1	1.0	303.
5.8	26.1	2074.5	800.0	15.5	7.5	140.3	2.4	-1.5	1.8	307.7	330.7	8.2	59.0	1.1	304.
6.6	28.8	2343.3	775.0	13.6	3.6	118.7	0.8	-0.7	0.4	308.4	326.7	6.4	50.8	1.2	306.
7.6	31.6	2619.0	750.0	11.3	3.9	348.5	2.9	0.6	-2.8	308.9	328.2	6.8	60.1	1.1	302.
8.6	34.3	2901.2	725.0	8.8	1.8	331.6	6.4	3.1	-5.7	309.1	326.5	6.0	61.6	0.9	292.
9.6	36.9	3190.8	700.0	6.9	-3.4	335.7	7.7	3.2	-7.0	310.2	322.8	4.3	47.7	0.6	264.
10.7	39.8	3489.1	675.0	5.7	-11.3	342.5	5.2	1.6	-4.9	312.1	319.4	2.4	28.1	0.7	225.
11.7	42.5	3797.1	650.0	3.9	-11.5	359.4	4.6	0.1	-4.6	313.4	320.9	2.4	31.3	0.8	209.
12.8	45.5	4114.3	625.0	1.6	-15.3	25.9	6.4	-2.8	-5.7	314.2	320.1	1.9	27.1	1.2	205.
13.9	48.6	4441.9	600.0	-0.6	-17.6	26.2	7.6	-3.4	-6.8	315.4	320.5	1.6	26.2	1.7	207.
15.0	51.5	4790.0	575.0	-3.5	-19.6	24.9	8.4	-3.5	-7.6	315.9	320.4	1.4	27.4	2.2	206.
16.1	54.6	5129.4	550.0	-6.4	-22.6	30.8	7.5	-3.8	-6.4	316.5	320.2	1.1	26.2	2.8	206.
17.4	57.7	5491.9	525.0	-8.7	-25.7	41.5	5.1	-3.4	-3.8	318.0	321.0	0.9	23.6	3.2	207.
19.7	61.0	5858.3	500.0	-10.7	-27.4	50.9	3.9	-3.0	-2.5	320.0	322.7	0.8	23.7	3.5	209.
20.1	64.6	6259.7	475.0	-14.5	-32.0	70.3	6.1	-5.8	-2.1	320.0	321.9	0.5	20.9	3.9	212.
21.5	67.9	6667.7	450.0	-16.9	-34.6	72.1	7.4	-7.0	-2.3	322.0	323.5	0.4	19.9	4.4	217.
23.1	71.3	7093.9	425.0	-20.3	-37.5	999.9	99.9	99.9	99.9	323.0	324.2	0.4	19.7	999.9	999.
24.8	75.0	7539.7	400.0	-23.6	-40.2	999.9	99.9	99.9	99.9	324.3	325.3	0.3	19.9	999.9	999.
26.5	79.0	8008.4	375.0	-27.2	-43.1	999.9	99.9	99.9	99.9	325.6	326.5	0.2	20.1	999.9	999.
29.2	82.7	8502.4	350.0	-30.4	-45.8	999.9	99.9	99.9	99.9	327.8	328.5	0.2	20.3	999.9	999.
30.2	86.7	9024.4	325.0	-34.8	-48.9	999.9	99.9	99.9	99.9	328.7	329.2	0.1	22.0	999.9	999.
32.3	91.0	9578.1	300.0	-39.0	-51.5	999.9	99.9	99.9	99.9	330.4	330.8	0.1	24.9	999.9	999.
34.6	95.5	10168.9	275.0	-44.0	-54.9	261.9	7.8	7.8	1.1	331.5	999.9	99.9	999.9	6.0	205.
37.0	100.2	10800.8	250.0	-49.4	-59.9	265.2	10.3	10.3	0.7	332.7	999.9	99.9	999.9	5.3	193.
39.5	105.0	11491.5	225.0	-55.3	-65.9	274.0	9.0	8.0	-0.6	333.8	999.9	99.9	999.9	5.0	176.
42.4	110.5	12225.8	200.0	-58.5	-69.9	310.6	13.3	10.1	-8.6	340.2	999.9	99.9	999.9	6.1	165.
45.7	116.0	13062.4	175.0	-59.4	-69.9	317.8	25.7	17.3	-19.0	351.9	999.9	99.9	999.9	9.7	152.
49.5	122.5	14020.3	150.0	-63.1	-69.9	317.9	26.0	17.4	-19.3	361.4	999.9	99.9	999.9	15.5	147.
53.7	129.3	15131.9	125.0	-67.1	-69.9	329.7	17.9	9.0	-15.4	373.5	999.9	99.9	999.9	21.5	146.
58.8	136.8	16466.1	100.0	-69.1	-69.9	999.9	99.9	99.9	99.9	394.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

1 JUNE 1977  
2103 GMT

125 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GW/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	585.0	947.9	30.8	19.8	0.0	0.0	0.0	0.0	308.6	351.3	15.6	52.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	12.4	802.8	925.0	28.0	19.2	999.9	99.9	99.9	99.9	307.9	349.9	15.4	58.9	999.9	999.
1.1	14.5	1045.5	900.0	24.7	17.4	999.9	99.9	99.9	99.9	306.9	345.3	14.0	63.8	999.9	999.
1.7	16.5	1291.9	875.0	21.7	16.0	999.9	99.9	99.9	99.9	306.3	342.6	13.3	70.2	999.9	999.
2.4	18.8	1542.9	850.0	19.2	15.5	149.9	1.5	-0.7	1.3	306.3	342.2	1.2	79.0	0.2	342.
3.3	20.9	1800.1	825.0	19.1	7.5	71.3	4.1	-3.9	-1.3	309.8	331.4	8.0	47.3	0.3	318.
4.2	23.3	2064.3	800.0	18.1	5.1	22.9	5.1	-2.0	-4.7	310.5	330.3	6.9	42.2	0.4	266.
5.0	25.6	2375.5	775.0	16.2	3.8	346.7	3.6	0.8	-3.5	311.3	330.1	6.5	42.5	0.4	241.
5.9	27.9	2613.2	750.0	13.7	2.8	329.9	3.6	1.8	-3.1	311.5	329.6	6.3	47.6	0.5	219.
6.7	30.4	2899.0	725.0	11.2	1.5	336.6	3.4	1.3	-3.1	311.8	329.0	5.9	51.1	0.6	201.
7.5	33.0	3190.0	700.0	9.1	0.4	337.4	4.0	1.5	-3.7	312.5	329.0	5.6	54.5	0.7	200.
8.3	35.5	3490.2	675.0	6.5	-0.9	338.5	5.3	1.9	-4.9	312.9	328.6	5.3	59.0	0.9	184.
9.3	38.0	3799.0	650.0	4.1	-1.7	342.7	6.6	2.0	-6.3	313.6	329.0	5.2	65.6	1.2	179.
10.4	40.6	4117.5	625.0	2.1	-4.1	336.1	5.8	2.4	-5.3	314.8	328.4	4.5	63.7	1.7	174.
11.4	43.3	4446.1	600.0	0.1	-9.7	335.2	4.9	2.0	-4.4	316.2	325.7	3.1	47.6	1.9	170.
12.4	46.3	4785.5	575.0	-2.6	-18.0	1.0	4.6	-0.1	-4.6	317.0	322.1	1.6	29.3	2.2	169.
13.5	49.3	5135.4	550.0	-5.3	-23.7	33.3	4.6	-2.5	-3.8	317.8	321.2	1.0	21.7	2.5	173.
14.5	52.1	5500.7	525.0	-6.9	-29.6	41.7	4.9	-3.2	-3.6	320.2	322.3	0.6	14.3	2.7	178.
15.6	55.2	5875.7	500.0	-9.5	-34.0	46.0	5.6	-4.0	-3.9	321.5	323.0	0.4	11.5	2.9	182.
16.7	58.3	6273.8	475.0	-12.1	-39.7	61.2	5.6	-4.9	-2.7	323.0	323.9	0.2	7.9	3.2	187.
17.9	61.7	6685.1	450.0	-14.7	-44.9	67.5	5.7	-5.2	-2.2	324.7	325.3	0.2	5.6	3.4	193.
19.0	65.1	7115.4	425.0	-17.8	-49.4	62.7	5.8	-5.2	-2.7	326.2	326.6	0.1	4.3	3.7	198.
20.4	68.6	7545.8	400.0	-21.3	-51.2	56.1	5.5	-4.6	-3.1	327.4	327.7	0.1	4.7	4.1	203.
21.9	72.1	8079.6	375.0	-23.7	-52.5	56.0	2.7	-2.2	-1.5	330.2	330.5	0.1	5.0	4.4	205.
23.6	76.1	8535.9	350.0	-27.9	-54.6	14.6	3.6	-0.9	-3.5	331.2	331.4	0.1	5.8	4.6	206.
25.4	80.3	9069.2	325.0	-32.0	-37.7	332.7	5.3	2.5	-4.7	332.6	334.3	0.5	57.1	5.1	202.
27.4	84.4	9679.9	300.0	-36.1	-44.5	294.9	2.0	1.8	-0.8	334.5	335.4	0.2	41.1	5.3	198.
29.4	88.8	10224.9	275.0	-40.9	99.9	197.9	5.7	1.8	5.4	336.0	999.9	99.9	999.9	5.0	157.
31.5	93.8	10868.2	250.0	-46.2	99.9	249.0	8.6	8.0	3.1	337.5	999.9	99.9	999.9	4.2	192.
33.9	98.8	11559.5	225.0	-52.3	99.9	262.5	8.1	8.1	1.1	338.4	999.9	99.9	999.9	3.9	175.
35.5	104.3	12313.4	200.0	-56.3	99.9	295.8	9.7	8.7	-4.2	343.7	999.9	99.9	999.9	4.1	159.
39.5	110.4	13154.2	175.0	-59.1	99.9	310.0	20.9	16.0	-13.4	352.5	999.9	99.9	999.9	6.6	147.
43.3	117.0	14115.3	150.0	-62.3	99.9	318.0	25.8	17.3	-19.2	362.8	999.9	99.9	999.9	12.2	142.
47.3	124.7	15234.7	125.0	-65.5	99.9	328.8	23.6	12.3	-20.2	376.4	999.9	99.9	999.9	18.0	142.
52.1	133.3	16571.3	100.0	-70.9	99.9	999.9	99.9	99.9	99.9	390.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

1 JUNE 1977  
2100 GMT

131 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	781.0	927.0	29.4	13.2	90.0	2.1	-2.1	0.0	309.2	338.2	10.4	37.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.0	13.8	800.2	925.0	29.1*	99.9	999.9	99.9	99.9	99.9	309.1	999.9	99.9	999.9	999.9	999.
0.7	16.1	1041.6	900.0	25.1	13.3	999.9	99.9	99.9	99.9	307.4	337.3	10.8	47.5	999.9	999.
1.5	18.9	1288.7	875.0	23.3	12.1	999.9	99.9	99.9	99.9	308.0	336.6	10.2	49.3	999.9	999.
2.3	21.2	1540.9	850.0	20.9	11.0	77.3	3.1	-3.0	-0.7	308.0	335.3	9.8	53.5	0.4	270.
3.4	23.9	1798.5	825.0	18.3	10.6	107.8	2.5	-2.4	0.8	308.0	335.4	9.8	60.7	0.5	269.
4.4	26.4	2062.0	800.0	17.1	4.9	121.3	2.2	-1.9	1.2	309.4	328.9	6.8	44.3	0.7	275.
5.5	29.2	2332.1	775.0	15.3	3.1	132.8	1.4	-1.0	1.0	310.3	328.2	6.2	43.9	0.8	280.
6.5	32.0	2609.2	750.0	13.3	3.7	353.2	1.5	0.2	-1.5	311.0	330.2	6.7	52.1	0.8	279.
7.6	34.8	2893.5	725.0	10.8	3.3	39.2	3.2	-2.0	-2.5	311.3	330.7	6.7	55.8	0.9	279.
8.7	37.5	3185.6	700.0	8.9	1.0	0.4	9.3	-0.1	-9.3	312.4	329.7	5.9	57.8	1.1	250.
9.9	40.4	3486.2	675.0	7.1	-1.9	355.4	7.1	0.6	-7.0	313.6	328.3	5.0	52.9	1.3	225.
10.8	43.3	3795.6	650.0	5.0	-4.8	346.1	8.7	2.1	-9.5	314.7	327.1	4.1	45.1	1.6	219.
11.9	46.4	4114.8	625.0	2.8	-7.0	327.9	12.8	6.8	-10.8	315.6	326.7	3.6	48.4	2.1	193.
13.1	49.5	4447.8	600.0	0.4	-13.0	345.5	6.5	1.6	-6.3	316.6	324.0	2.4	35.7	2.7	184.
14.3	52.5	4783.8	575.0	-2.0	-17.2	356.3	3.9	0.3	-3.9	317.7	323.2	1.7	30.0	3.0	183.
15.6	55.7	5135.6	550.0	-4.7	-17.9	19.9	3.5	-1.2	-3.3	318.6	324.0	1.7	34.5	3.3	183.
17.0	59.0	5500.1	525.0	-7.0	-21.0	30.9	5.5	-2.9	-4.7	320.0	324.5	1.4	21.8	3.6	185.
18.4	62.6	5878.6	500.0	-9.9	-25.1	41.4	8.1	-5.3	-6.0	320.9	324.2	1.0	27.6	4.1	190.
19.9	66.0	6272.3	475.0	-12.4	-29.9	59.3	8.2	-7.0	-4.2	322.6	325.1	0.7	23.7	4.7	195.
21.3	69.7	6683.6	450.0	-14.8	-32.6	77.6	7.8	-7.6	-1.7	324.7	326.6	0.5	20.0	5.1	202.
22.8	73.5	7113.6	425.0	-18.0	-35.8	81.6	7.9	-7.8	-1.2	325.9	327.4	0.4	19.2	5.6	208.
24.7	77.5	7564.1	400.0	-21.2	-38.2	80.0	5.9	-6.8	-1.2	327.4	328.7	0.3	15.9	6.0	213.
26.0	81.4	8037.7	375.0	-23.7	-41.3	83.9	5.3	-5.3	-0.6	330.3	331.3	0.3	17.8	6.4	218.
27.7	85.7	8539.8	350.0	-27.1	-36.7	29.8	3.4	-1.7	-3.0	332.3	334.0	0.5	40.2	6.7	219.
29.4	90.0	9068.4	325.0	-31.2	-39.4	18.1	1.2	-0.4	-1.2	333.7	335.3	0.4	48.7	7.0	218.
31.1	94.8	9630.6	300.0	-35.6	-44.6	212.3	0.8	0.5	0.7	335.2	336.1	0.2	38.8	7.0	218.
33.1	99.6	10226.6	275.0	-40.3	99.9	235.7	4.5	3.8	2.5	336.8	999.9	99.9	999.9	6.6	218.
35.0	104.8	10871.1	250.0	-46.4	99.9	255.0	6.2	6.0	1.6	337.1	999.9	99.9	999.9	6.2	214.
37.4	110.4	11562.7	225.0	-51.9	99.9	283.1	9.1	8.8	-2.0	339.0	999.9	99.9	999.9	5.4	213.
39.8	116.0	12320.1	200.0	-54.9	99.9	309.5	18.0	13.9	-11.4	345.9	999.9	99.9	999.9	6.2	185.
42.3	122.7	13167.6	175.0	-57.1	99.9	317.4	24.0	16.2	-17.6	355.6	999.9	99.9	999.9	8.1	172.
45.1	129.5	14173.1	150.0	-61.9	99.9	324.9	29.3	16.8	-23.9	363.5	999.9	99.9	999.9	11.5	163.
48.7	136.8	15252.4	125.0	-65.0	99.9	332.0	43.6	20.5	-38.5	377.4	999.9	99.9	999.9	19.1	156.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

1 JUNE 1977  
2350 GMT

116 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	873.0	915.3	32.8	9.6	90.0	5.3	-5.3	0.0	313.8	337.5	8.2	24.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	15.1	1024.5	900.0	30.9	10.4	66.7	4.5	-4.1	-1.8	313.4	336.7	8.8	28.2	0.2	292.
1.3	17.3	1275.8	875.0	28.5	8.7	67.3	3.5	-3.2	-1.4	313.4	336.8	8.1	28.8	0.3	268.
2.0	19.6	1532.3	850.0	26.2	7.9	78.5	3.6	-3.5	-0.7	313.6	336.5	7.9	31.5	0.4	261.
2.5	21.8	1793.9	825.0	23.3	7.5	91.0	3.9	-3.9	0.1	313.3	336.1	7.9	36.1	0.6	263.
3.3	24.3	2061.2	800.0	20.5	7.7	92.7	2.7	-2.7	0.1	313.0	336.8	8.3	43.5	0.7	265.
4.3	26.6	2334.5	775.0	18.0	7.0	83.9	2.1	-2.1	-0.2	313.1	336.7	8.2	48.8	0.8	265.
5.0	29.1	2613.9	750.0	15.1	6.1	93.0	1.9	-1.9	0.1	313.0	335.8	7.9	54.8	1.0	265.
5.8	31.7	2900.1	725.0	12.3	5.2	122.8	1.6	-1.4	0.9	313.0	335.2	7.7	61.9	1.0	268.
6.6	34.3	3193.2	700.0	9.2	4.4	131.3	1.2	-0.9	0.8	312.7	334.4	7.5	71.8	1.1	270.
7.5	36.7	3494.1	675.0	6.6	4.2	222.8	1.3	0.9	0.9	313.0	335.2	7.7	84.6	1.1	272.
8.6	39.4	3803.3	650.0	4.2	0.8	264.7	3.0	2.9	0.3	313.7	332.1	6.3	78.7	0.9	272.
9.9	41.9	4121.8	625.0	2.1	-5.8	296.4	3.9	3.5	-1.7	314.9	326.9	4.0	55.9	0.7	274.
11.9	44.8	4451.0	600.0	0.6	-11.7	999.9	99.9	99.9	99.9	316.8	325.0	2.6	39.1	999.9	999.
13.2	47.6	4791.0	575.0	-2.4	-14.0	999.9	99.9	99.9	99.9	317.2	324.3	2.3	40.5	999.9	999.
14.3	50.5	5142.4	550.0	-4.8	-18.8	999.9	99.9	99.9	99.9	318.4	323.5	1.6	32.6	999.9	999.
15.7	53.3	5506.7	525.0	-7.4	-22.4	999.9	99.9	99.9	99.9	319.6	323.5	1.2	28.7	999.9	999.
17.1	56.1	5895.0	500.0	-9.8	-27.5	999.9	99.9	99.9	99.9	321.1	323.7	0.8	21.0	999.9	999.
18.6	59.4	6278.6	475.0	-12.9	-33.3	64.3	7.0	-6.3	-3.1	322.0	323.6	0.5	16.2	2.9	209.
20.1	62.6	6688.9	450.0	-15.0	-37.2	88.9	6.6	-6.6	-0.1	324.3	325.6	0.3	13.0	3.3	216.
21.6	65.8	7119.2	425.0	-17.5	-39.8	91.2	6.6	-6.6	0.1	326.5	327.6	0.3	12.2	3.7	225.
23.3	69.1	7570.0	400.0	-20.8	-42.6	95.1	5.1	-5.1	0.4	327.9	328.7	0.2	12.0	4.1	231.
25.0	72.6	8044.7	375.0	-23.5	-38.3	74.7	1.8	-1.7	-0.5	330.5	331.9	0.4	24.1	4.4	234.
27.0	76.3	8546.2	350.0	-26.5	-37.6	328.3	1.6	0.8	-1.4	333.0	334.6	0.4	34.2	4.4	233.
29.1	80.1	9077.3	325.0	-30.9	-42.0	337.7	1.4	0.5	-1.3	334.1	335.2	0.3	32.4	4.4	230.
31.3	84.0	9639.2	300.0	-35.8	-43.5	254.2	3.4	3.3	0.9	334.9	335.9	0.3	44.3	4.4	229.
33.8	88.2	10236.8	275.0	-41.7	99.9	266.1	7.8	7.8	0.5	334.8	999.9	99.9	999.9	3.6	220.
35.3	92.7	10876.5	250.0	-46.9	99.9	263.2	6.1	6.0	0.7	336.3	999.9	99.9	999.9	3.0	205.
39.0	97.2	11567.5	225.0	-50.3	99.9	999.9	99.9	99.9	99.9	341.4	999.9	99.9	999.9	999.9	999.
42.9	102.3	12330.2	200.0	-53.3	99.9	310.3	14.6	11.1	-9.4	348.4	999.9	99.9	999.9	6.2	154.
47.3	108.0	13185.6	175.0	-56.5	99.9	312.1	24.6	18.3	-16.5	356.7	999.9	99.9	999.9	11.1	144.
52.4	114.0	14152.7	150.0	-61.8	99.9	313.7	26.4	19.1	-18.2	363.6	999.9	99.9	999.9	18.3	140.
58.5	120.8	15265.4	125.0	-66.8	99.9	317.7	24.7	16.6	-18.3	374.1	999.9	99.9	999.9	27.7	138.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
 POST, TEXAS

2 JUNE 1977  
 0 GMT

127 88. 0

TIME MIN	CNTCT	HFIGHT GOM	PRES MB	TEMP DG C	DEW PT DG C	DIR .DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	771.0	928.2	29.9	18.0	170.0	1.0	=0.2	1.0	309.6	348.8	14.2	49.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	13.1	801.8	925.0	29.4*	99.9	999.9	99.9	99.9	99.9	309.4	999.9	99.9	999.9	999.9	999.9
0.9	15.5	1045.6	900.0	27.9	14.3	999.9	99.9	99.9	99.9	310.3	242.4	11.5	42.3	999.9	999.9
2.0	17.8	1294.4	875.0	25.2	13.1	135.6	3.2	=2.2	2.3	310.0	340.7	11.0	47.0	0.4	325.
3.0	20.2	1549.2	850.0	22.9	12.2	141.9	3.6	=2.2	2.8	310.2	339.9	10.6	50.9	0.6	323.
4.1	22.6	1807.5	825.0	20.4	11.3	169.7	4.0	=0.7	4.0	310.1	339.0	10.3	56.1	0.9	327.
5.1	25.1	2077.4	800.0	19.0	8.9	170.2	3.7	=0.6	3.7	310.4	335.9	9.0	55.3	1.1	332.
6.2	27.5	2347.8	775.0	15.9	6.2	165.2	3.2	=0.8	3.1	311.0	332.1	7.7	52.4	1.3	334.
7.3	30.1	2621.3	750.0	13.0	6.9	1.7	0.5	=0.0	=0.9	310.7	334.6	8.4	66.7	1.4	335.
8.5	32.9	2905.6	725.0	10.9	5.4	8.1	4.0	=0.6	=3.9	311.4	333.7	7.8	68.8	1.3	332.
9.8	35.5	3198.1	700.0	9.5	0.6	23.0	6.2	=2.4	=5.7	313.1	329.9	5.7	53.7	1.0	314.
10.9	38.2	3499.1	675.0	7.6	=5.9	35.0	6.4	=3.7	=5.3	314.2	325.2	3.7	37.7	1.0	290.
11.9	40.8	3808.8	650.0	5.2	=10.5	32.4	7.2	=3.9	=6.1	314.9	323.0	2.6	31.0	1.2	271.
13.0	43.8	4127.9	625.0	3.0	=14.6	34.9	7.7	=4.4	=6.4	315.9	322.2	2.0	26.0	1.5	254.
14.2	46.7	4457.4	600.0	0.9	=16.0	41.6	8.7	=5.8	=6.5	317.2	323.1	1.8	26.8	2.0	245.
15.3	49.8	4797.5	575.0	=2.1	=17.7	40.8	9.8	=6.4	=7.4	317.5	322.8	1.6	29.0	2.6	239.
16.5	52.6	5149.9	550.0	=4.8	=19.7	40.1	8.4	=5.4	=6.5	318.4	323.1	1.5	30.0	3.3	235.
17.9	55.7	5513.4	525.0	=6.9	=25.8	32.5	5.1	=2.7	=4.3	320.2	323.2	0.9	20.6	3.8	232.
19.3	58.9	5892.3	500.0	=9.3	=29.9	58.5	4.4	=3.8	=2.3	321.7	323.9	0.6	16.8	4.1	232.
20.9	62.1	6296.3	475.0	=12.4	=32.7	69.1	5.7	=5.3	=2.0	322.6	324.4	0.5	16.5	4.6	233.
22.2	65.4	6697.9	450.0	=15.1	=35.1	56.3	5.9	=4.9	=3.3	324.3	325.8	0.4	16.1	5.1	234.
23.7	68.9	7127.1	425.0	=18.6	=39.0	56.2	6.4	=5.3	=3.5	325.2	326.4	0.3	16.1	5.6	234.
25.2	72.3	7576.2	400.0	=21.9	=40.5	36.0	4.2	=2.5	=3.4	326.7	327.7	0.3	16.4	6.1	234.
26.9	76.1	8049.4	375.0	=24.7	=43.4	343.6	3.6	1.0	=3.4	328.9	329.7	0.2	15.6	6.4	232.
28.9	80.1	8546.2	350.0	=29.4	=47.0	319.7	3.3	2.1	=2.5	329.2	329.7	0.2	16.1	6.4	228.
30.7	84.0	9071.1	325.0	=33.2	=49.2	330.6	6.1	3.0	=5.3	330.9	331.4	0.1	18.3	6.5	224.
32.4	88.0	9629.9	300.0	=37.3	99.9	302.1	10.0	8.5	=5.3	332.8	999.9	99.9	999.9	6.7	217.
34.4	92.6	10223.2	275.0	=42.5	99.9	297.6	11.6	11.1	=3.5	333.6	999.9	99.9	999.9	6.5	206.
36.6	97.2	10959.2	250.0	=48.4	99.9	279.6	11.3	11.2	=1.9	334.1	999.9	99.9	999.9	6.2	191.
39.9	102.0	11543.3	225.0	=54.2	99.9	272.1	9.6	8.6	=0.3	335.5	999.9	99.9	999.9	6.1	179.
41.6	107.5	12294.0	200.0	=56.9	99.9	306.1	16.0	13.0	=9.4	342.6	999.9	99.9	999.9	7.2	166.
44.7	113.3	13135.7	175.0	=58.3	99.9	319.0	24.3	15.9	=18.3	353.7	999.9	99.9	999.9	10.4	154.
48.4	119.3	14096.5	150.0	=62.1	99.9	323.2	26.1	15.6	=20.9	363.1	999.9	99.9	999.9	16.0	149.
52.2	125.7	15210.4	125.0	=67.6	99.9	337.7	23.4	8.5	=20.8	372.5	999.9	99.9	999.9	22.0	149.
57.5	174.3	16540.2	100.0	=70.0	99.9	999.9	99.9	99.9	99.9	392.6	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

2 JUNE 1977  
1 GMT

125 100. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MG	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	595.0	946.2	29.8	18.9	0.0	0.0	0.0	0.0	307.8	348.0	14.7	52.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	12.5	786.5	925.0	27.9	17.3	127.5	2.5	-2.0	1.5	307.8	345.1	13.6	52.5	0.2	281.
1.4	14.7	1029.0	900.0	25.4	16.5	139.2	1.6	-1.0	1.2	307.7	344.3	13.3	57.9	0.2	290.
2.4	16.7	1276.2	875.0	22.6	15.1	120.2	1.9	-1.6	0.9	307.3	341.5	12.5	62.5	0.3	300.
3.3	19.1	1529.2	850.0	20.9	13.0	83.5	1.8	-1.8	-0.2	308.1	339.1	11.2	60.6	0.4	295.
4.2	21.2	1785.8	825.0	18.6	11.2	64.6	2.1	-1.9	-0.9	308.3	336.8	10.2	62.3	0.5	288.
5.1	23.6	2049.3	800.0	16.8	8.8	13.6	3.3	-0.9	-3.2	309.0	334.2	9.0	59.4	0.6	273.
6.1	25.8	2319.4	775.0	15.1	6.1	322.9	3.1	1.9	-2.5	310.0	331.8	7.6	54.8	0.6	255.
7.0	28.3	2596.1	750.0	13.0	3.3	332.6	3.4	1.6	-3.0	310.7	329.4	6.5	51.7	0.5	239.
9.1	30.9	2890.4	725.0	11.4	1.3	355.3	5.1	0.4	-5.1	311.9	328.9	5.8	49.8	0.6	215.
9.1	33.5	3173.0	700.0	9.4	0.3	357.5	7.2	0.3	-7.2	313.0	329.4	5.6	52.8	1.0	203.
10.2	35.9	3473.6	675.0	7.8	-9.5	351.4	9.3	1.4	-9.2	314.4	322.9	2.8	28.3	1.5	193.
11.3	38.7	3793.8	650.0	5.9	-12.3	352.0	8.9	1.2	-8.8	315.6	322.8	2.3	25.7	2.1	185.
12.3	41.2	4103.3	625.0	3.6	-19.1	3.2	6.3	-0.3	-6.3	316.6	321.0	1.4	17.1	2.6	184.
13.4	44.1	4433.0	600.0	1.1	-20.1	10.3	4.8	-0.9	-4.7	317.4	321.6	1.3	18.7	2.9	185.
14.6	47.0	4773.8	575.0	-1.1	-21.8	34.0	4.8	-2.7	-4.0	318.7	322.5	1.2	18.8	3.2	186.
15.8	50.0	5126.6	550.0	-3.9	-24.0	39.0	5.2	-3.3	-4.0	319.5	322.8	1.0	19.0	3.5	189.
17.0	52.9	5492.0	525.0	-6.8	-26.5	34.3	6.2	-3.5	-5.1	320.3	323.1	0.8	18.9	3.9	192.
19.3	55.9	5871.0	500.0	-9.0	-32.4	47.6	6.4	-4.7	-4.3	322.0	323.8	0.5	12.9	4.4	195.
19.9	59.1	6266.2	475.0	-11.6	-36.2	73.6	6.9	-6.6	-1.9	323.6	324.9	0.4	10.8	4.8	200.
21.1	62.6	6677.9	450.0	-14.9	-38.2	70.9	7.8	-7.4	-2.6	324.6	325.7	0.3	11.6	5.1	206.
22.7	65.9	7108.1	425.0	-17.7	-42.1	64.2	5.8	-5.3	-2.5	326.3	327.1	0.2	9.8	5.7	210.
24.4	69.6	7559.2	400.0	-20.8	-44.8	52.3	4.5	-3.6	-2.8	328.0	328.7	0.2	9.4	6.1	213.
26.3	73.1	8073.8	375.0	-23.7	-47.0	31.4	2.5	-1.3	-2.1	330.2	330.8	0.1	9.5	6.5	213.
28.3	77.1	8534.6	350.0	-26.5	-41.9	338.3	5.0	1.8	-4.6	333.0	334.0	0.3	21.8	6.8	211.
30.2	81.0	9064.6	325.0	-31.2	-42.6	335.7	5.3	2.2	-4.9	333.6	334.6	0.3	21.2	7.2	207.
32.3	85.4	9626.7	300.0	-36.1	-46.3	284.2	3.9	3.8	-1.0	334.5	335.2	0.2	23.8	7.4	203.
34.4	99.8	10223.7	275.0	-41.5	99.9	254.6	7.0	6.8	1.9	335.1	999.9	99.9	999.9	7.1	199.
36.8	94.8	10862.7	250.0	-46.6	99.9	275.0	8.7	8.7	-0.8	336.8	999.9	99.9	999.9	6.7	189.
39.4	99.8	11552.4	225.0	-52.3	99.9	265.8	9.2	9.1	0.7	338.4	999.9	99.9	999.9	6.6	176.
42.5	105.3	12309.7	200.0	-55.3	99.9	305.4	14.3	11.6	-8.3	345.2	999.9	99.9	999.9	7.8	163.
46.0	111.3	13157.5	175.0	-57.0	99.9	317.0	22.8	15.5	-16.7	355.9	999.9	99.9	999.9	11.1	151.
49.9	118.0	14122.0	150.0	-61.7	99.9	320.2	24.8	15.8	-19.0	363.8	999.9	99.9	999.9	16.5	147.
54.1	125.5	15238.4	125.0	-66.5	99.9	336.8	24.1	9.5	-22.1	374.6	999.9	99.9	999.9	23.0	148.
59.4	134.0	16573.7	100.0	-69.7	99.9	999.9	99.9	99.9	99.9	393.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

2 JUNE 1977  
0 GMT

121 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	791.0	925.4	30.0	13.7	110.0	4.2	-3.9	1.4	310.0	340.1	10.8	37.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	13.0	784.9	925.0	30.0	13.8	999.9	99.9	99.9	99.9	310.0	340.4	10.9	37.4	999.9	999.
0.6	15.3	1029.7	900.0	26.2	15.2	999.9	99.9	99.9	99.9	308.5	342.4	12.2	50.9	999.9	999.
1.4	17.6	1276.5	875.0	23.9	13.9	999.9	99.9	99.9	99.9	308.6	340.5	11.5	53.4	999.9	999.
2.5	20.0	1529.4	850.0	22.0	13.2	149.2	5.1	-2.6	4.4	309.2	340.8	11.4	57.7	0.9	292.
3.4	22.1	1787.8	825.0	19.1	11.4	124.1	4.6	-3.8	2.6	308.7	337.7	10.4	61.3	1.2	298.
4.5	24.6	2051.9	800.0	17.2	8.6	150.4	4.2	-2.1	3.7	309.5	334.4	8.8	56.9	1.4	300.
5.4	26.9	2322.2	775.0	15.1	6.3	173.0	7.6	-0.9	7.5	310.1	332.2	7.8	55.5	1.7	307.
6.4	29.4	2599.1	750.0	12.7	5.6	299.1	7.9	6.9	-3.8	310.3	332.2	7.7	62.2	1.6	316.
7.5	32.0	2883.0	725.0	10.4	3.3	345.3	4.6	1.2	-4.4	310.9	330.3	6.7	61.0	1.2	316.
8.7	34.7	3174.3	700.0	8.9*	99.9	357.6	6.9	0.3	-6.9	312.4	999.9	99.9	999.9	0.9	297.
9.9	37.1	3474.4	675.0	7.6	-7.5	352.6	6.5	0.8	-6.5	314.2	324.0	3.2	33.2	0.8	260.
11.1	39.9	3784.2	650.0	5.7	-11.4	355.7	6.1	0.5	-6.1	315.4	323.1	2.5	28.0	0.9	233.
12.1	42.6	4103.7	625.0	3.4	-12.8	355.3	6.2	0.5	-6.2	316.3	323.5	2.3	29.3	1.2	217.
13.3	45.4	4433.1	600.0	0.6	-14.7	352.5	6.4	0.9	-6.9	316.8	323.3	2.0	30.5	1.5	205.
14.4	49.4	4772.0	575.0	-2.2	-17.4	31.7	9.7	-5.1	-8.3	317.5	322.9	1.7	29.8	2.0	201.
15.7	51.3	5124.2	550.0	-5.0	-20.2	6.9	7.6	-0.9	-7.5	318.1	322.7	1.4	29.1	2.7	203.
17.0	54.3	5499.1	525.0	-7.5	-23.4	24.5	7.1	-2.9	-5.4	319.4	323.1	1.1	26.6	3.3	202.
18.3	57.3	5865.3	500.0	-9.6	-27.2	42.4	5.4	-3.6	-4.0	321.3	324.1	0.8	22.3	3.8	202.
19.8	60.6	6260.5	475.0	-12.3	-29.8	76.7	7.2	-7.1	-1.7	322.7	325.0	0.7	21.7	4.2	207.
21.2	63.9	6672.0	450.0	-14.5	-32.2	79.7	7.6	-7.4	-1.4	325.0	327.0	0.6	20.5	4.6	214.
22.9	67.3	7102.6	425.0	-17.9	-36.2	74.4	7.9	-7.6	-2.1	326.1	327.5	0.4	18.3	5.2	216.
24.4	70.9	7552.8	400.0	-21.6	-39.2	73.5	5.6	-5.4	-1.6	327.0	328.1	0.3	18.5	5.7	224.
26.0	74.5	8026.7	375.0	-24.1	-40.5	19.9	2.8	-0.9	-2.7	329.8	330.8	0.3	20.1	6.1	225.
27.8	78.5	8527.3	350.0	-26.7	-37.4	294.2	3.5	3.2	-1.4	332.7	334.3	0.4	35.3	6.1	222.
29.7	82.5	9057.2	325.0	-31.7	-42.1	339.1	5.5	1.9	-5.1	333.0	334.1	0.3	34.4	6.3	217.
31.6	86.7	9517.3	300.0	-36.9	-45.5	299.0	4.1	3.6	-2.0	333.4	334.2	0.2	40.0	6.6	213.
33.6	91.2	10217.0	275.0	-41.6	99.9	268.7	9.2	9.2	0.2	335.0	999.9	99.9	999.9	6.1	207.
35.7	95.0	10852.8	250.0	-46.6	99.9	293.3	10.4	9.5	-4.1	336.7	999.9	99.9	999.9	6.1	197.
38.0	101.0	11544.1	225.0	-51.7	99.9	304.2	13.1	10.8	-7.4	339.2	999.9	99.9	999.9	6.1	183.
40.6	106.5	12703.7	200.0	-54.4	99.9	309.7	14.2	11.1	-8.8	346.6	999.9	99.9	999.9	8.1	170.
43.1	112.3	13157.0	175.0	-56.0	99.9	325.7	33.8	19.1	-27.9	357.4	999.9	99.9	999.9	8.0	161.
45.2	118.7	14124.1	150.0	-61.5	99.9	325.6	25.7	14.5	-21.2	364.2	999.9	99.9	999.9	15.2	156.
49.5	125.8	15245.3	125.0	-65.3	99.9	349.3	22.6	4.6	-22.1	376.7	999.9	99.9	999.9	21.4	154.
53.5	133.0	16589.7	100.0	-68.4	99.9	999.9	99.9	99.9	99.9	395.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

2 JUNE 1977  
300 GMT

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D-18

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	873.0	915.3	27.2	14.6	130.0	5.3	-4.1	3.4	308.1	339.9	11.5	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	15.7	1021.5	900.0	25.7	99.9	136.0	9.4	-6.5	6.8	308.0	999.9	99.9	999.9	0.3	309.
1.3	18.0	1269.0	875.0	24.0	14.9	141.3	9.6	-6.0	7.5	308.7	342.9	12.3	56.9	0.8	314.
2.3	20.4	1522.8	850.0	23.0	13.7	158.9	8.2	-2.9	7.6	310.2	343.0	11.7	55.9	1.3	320.
3.1	22.7	1782.7	825.0	21.1	12.1	170.2	5.5	-0.9	5.4	310.9	341.5	10.9	56.6	1.6	325.
4.1	25.3	2048.6	800.0	19.1	10.3	173.6	3.4	-0.4	3.4	311.5	339.6	9.9	56.8	1.8	329.
5.0	27.7	2320.6	775.0	16.1	7.2	180.6	1.4	0.0	1.4	311.1	334.6	8.3	55.4	2.0	331.
5.9	30.3	2598.7	750.0	14.3	5.9	259.8	1.7	1.7	0.3	312.1	334.5	7.8	57.1	2.0	332.
6.8	33.0	2894.0	725.0	11.6	4.5	285.7	3.4	3.2	-0.9	312.2	333.3	7.3	61.6	1.9	336.
7.8	35.6	3176.8	700.0	9.4	2.1	311.3	5.2	3.9	-3.4	312.9	331.5	6.4	60.0	1.7	341.
8.7	38.2	3478.0	675.0	8.0	-5.3	333.5	6.1	2.7	-5.5	314.7	326.2	3.8	38.4	1.4	346.
9.8	40.9	3788.6	650.0	6.2	-13.3	351.1	5.7	0.9	-5.6	316.0	322.7	2.1	23.0	1.0	346.
10.9	43.8	4108.4	625.0	3.7	-12.4	353.3	4.7	0.6	-4.7	316.7	324.1	2.4	29.6	0.7	340.
12.1	46.8	4478.6	600.0	1.3	-17.0	999.9	99.9	99.9	99.9	317.6	323.0	1.7	24.1	999.9	999.9
13.2	49.8	4779.1	575.0	-1.4	-19.5	999.9	99.9	99.9	99.9	318.4	322.9	1.4	23.5	999.9	999.9
14.4	52.6	5131.2	550.0	-4.5	-22.9	999.9	99.9	99.9	99.9	318.7	322.4	1.1	22.2	999.9	999.9
15.6	55.7	5495.4	525.0	-7.3	-26.3	60.2	3.6	-3.1	-1.8	319.6	322.5	0.8	20.1	1.8	259.
17.0	58.8	5877.8	500.0	-10.5	-30.9	68.4	6.3	-5.8	-2.3	321.5	323.5	0.6	15.6	2.3	255.
18.3	62.1	6267.5	475.0	-12.8	-34.5	85.8	6.3	-6.3	-0.5	322.2	323.7	0.4	14.1	2.8	255.
19.8	65.4	6678.1	450.0	-15.3	-38.3	86.7	6.1	-6.1	-0.3	324.0	325.1	0.3	11.9	3.3	258.
21.2	68.7	7107.6	425.0	-18.1	-40.7	71.8	8.2	-7.8	-2.6	325.8	326.7	0.3	11.6	3.8	258.
22.8	72.1	7558.2	400.0	-21.0	-38.6	58.2	2.2	-1.9	-1.2	327.7	328.9	0.3	15.4	4.6	257.
24.4	75.9	8032.1	375.0	-24.0	-41.4	32.5	2.4	-1.3	-2.0	329.9	330.9	0.3	18.1	4.6	255.
26.0	79.6	8531.7	350.0	-28.2	-33.5	342.8	2.0	0.6	-1.9	330.8	333.1	0.6	60.0	4.6	253.
27.6	83.4	9059.1	325.0	-32.1	-38.3	24.5	3.2	-1.3	-2.9	332.4	334.0	0.4	53.9	4.7	251.
29.4	87.5	9618.6	300.0	-37.2	-42.5	6.1	1.1	-0.1	-1.1	332.9	334.0	0.3	57.7	4.9	248.
31.2	91.8	10212.9	275.0	-42.6	99.9	320.0	3.1	2.0	-2.4	333.5	999.9	99.9	999.9	4.9	246.
33.3	95.4	10949.1	250.0	-48.1	99.9	297.9	4.7	4.1	-2.2	334.5	999.9	99.9	999.9	4.6	241.
35.8	101.2	11540.2	225.0	-50.4	99.9	310.0	9.3	7.1	-5.9	341.3	999.9	99.9	999.9	4.6	228.
39.0	106.6	12307.9	200.0	-52.6	99.9	299.2	14.3	12.5	-7.0	349.5	999.9	99.9	999.9	4.5	200.
41.9	112.3	13160.6	175.0	-56.2	99.9	311.6	22.6	16.9	-15.0	357.1	999.9	99.9	999.9	6.2	170.
45.6	118.5	14126.5	150.0	-62.6	99.9	321.7	25.0	15.5	-19.6	362.2	999.9	99.9	999.9	11.2	154.
49.7	125.8	15237.9	125.0	-66.8	99.9	999.9	99.9	99.9	99.9	374.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

2 JUNE 1977  
300 GMT

125 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.1	771.0	927.9	25.0	21.1	0.0	0.0	0.0	0.0	304.6	351.0	17.3	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.4	798.5	925.0	25.0*	99.9	999.9	99.9	99.9	99.9	304.9	999.9	99.9	999.9	999.9	999.
0.9	13.7	1078.2	900.0	24.9*	99.9	999.9	99.9	99.9	99.9	307.2	999.9	99.9	999.9	999.9	999.
1.7	16.1	1244.2	875.0	24.2	14.4	999.9	99.9	99.9	99.9	308.9	342.0	11.9	54.3	999.9	999.
2.6	18.5	1537.5	850.0	22.0	12.9	164.8	6.5	-1.7	6.2	309.2	340.1	11.1	56.3	1.2	334.
3.6	21.0	1796.3	825.0	20.1	12.3	164.1	4.6	-1.3	4.4	309.9	340.7	11.0	60.6	1.5	337.
4.5	23.5	2061.2	800.0	17.5	10.9	179.8	2.9	-0.0	2.9	309.8	338.7	10.3	65.3	1.7	338.
5.5	26.0	2331.8	775.0	15.2	9.9	200.7	1.5	0.5	1.4	310.2	338.1	9.9	70.3	1.8	340.
6.5	29.9	2609.0	750.0	12.6	7.3	332.3	2.4	1.1	-2.1	310.3	334.6	8.6	70.0	1.8	342.
7.6	31.6	2893.2	725.0	10.7	7.9	359.3	6.7	0.1	-6.7	311.2	337.6	9.3	82.4	1.5	341.
8.5	34.1	3185.4	700.0	9.0	3.9	16.7	9.5	-2.7	-9.1	312.4	333.5	7.3	70.7	1.1	330.
9.7	36.9	3485.9	675.0	8.8	-9.4	31.9	10.0	-5.3	-8.5	315.5	325.0	3.1	29.5	0.9	290.
10.9	39.6	3797.2	650.0	6.1	-9.8	79.3	10.1	-6.4	-7.8	315.9	324.5	2.8	30.7	1.3	259.
12.1	42.6	4117.4	625.0	3.0	-11.3	40.4	10.5	-6.9	-8.0	315.9	323.8	2.6	33.9	2.0	245.
13.3	45.6	4446.4	600.0	0.8	-15.6	39.4	10.4	-6.6	-8.0	317.0	323.0	1.9	28.0	2.7	238.
14.5	48.6	4787.6	575.0	-0.3	-19.7	39.0	8.2	-5.0	-6.4	319.6	324.1	1.4	21.4	3.4	234.
15.9	51.7	5141.0	550.0	-3.8	-24.1	17.2	5.9	-1.7	-5.6	319.6	322.9	1.0	18.9	3.9	231.
17.2	54.7	5507.0	525.0	-5.4	-28.4	43.7	3.7	-2.6	-2.7	322.0	324.4	0.7	14.3	4.2	228.
18.6	58.0	5889.2	500.0	-7.7	-30.9	75.6	3.4	-3.3	-0.9	323.7	325.7	0.6	13.4	4.5	229.
20.1	61.4	6284.5	475.0	-11.0	-33.4	90.5	4.3	-4.8	0.0	324.4	326.0	0.5	13.7	4.8	232.
21.7	64.7	6697.4	450.0	-14.2	-35.8	95.0	4.9	-4.9	0.4	325.4	326.8	0.4	14.0	5.2	236.
23.4	68.4	7127.6	425.0	-18.0	-39.4	83.6	5.0	-4.9	-0.6	325.8	327.0	0.3	14.8	5.6	238.
25.0	72.0	7577.6	400.0	-21.2	-40.8	47.3	4.4	-3.2	-3.0	327.4	328.4	0.3	15.1	5.9	239.
26.7	75.8	8050.7	375.0	-24.9	-44.4	20.4	4.2	-1.4	-3.9	328.8	329.5	0.2	14.1	6.4	238.
28.5	79.7	8548.4	350.0	-28.6	-47.2	315.4	4.0	2.8	-2.8	330.2	330.8	0.1	14.7	6.6	234.
30.6	83.7	9074.4	325.0	-33.2	-50.1	327.8	4.3	2.3	-3.7	331.0	331.4	0.1	16.3	6.5	230.
32.8	89.0	9631.5	300.0	-37.5	-51.8	340.7	5.3	1.8	-5.0	332.6	333.0	0.1	20.6	6.7	224.
35.1	92.7	10226.0	275.0	-42.6	99.9	304.8	7.4	6.1	-4.2	333.5	999.9	99.9	999.9	6.9	217.
37.4	97.4	10861.5	250.0	-48.3	99.9	281.6	7.3	7.2	-1.5	334.2	999.9	99.9	999.9	6.8	208.
40.1	102.3	11546.5	225.0	-54.3	99.9	283.7	7.1	6.9	-1.7	335.3	999.9	99.9	999.9	6.3	198.
42.9	107.9	12297.1	200.0	-57.0	99.9	322.7	15.8	9.6	-12.6	342.5	999.9	99.9	999.9	7.2	185.
46.3	113.4	13138.2	175.0	-58.9*	99.9	999.9	99.9	99.9	99.9	352.7	999.9	99.9	999.9	999.9	999.
50.6	120.0	14099.1	150.0	-62.4*	99.9	318.2	25.3	16.9	-18.9	362.6	999.9	99.9	999.9	15.7	161.
54.6	126.3	15217.9	125.0	-66.5	99.9	999.9	99.9	99.9	99.9	374.6	999.9	99.9	999.9	999.9	999.
59.6	134.0	16542.6	100.0	-71.7	99.9	999.9	99.9	99.9	99.9	389.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

2 JUNE 1977  
300 GMT

128 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	585.0	945.5	24.7	19.5	0.0	0.0	0.0	0.0	302.6	343.5	15.3	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	13.3	786.4	925.0	25.6*	99.9	999.9	99.9	99.9	99.9	305.5	999.9	99.9	999.9	999.9	999.
1.5	15.5	1027.6	900.0	24.2	16.6	999.9	99.9	99.9	99.9	306.5	343.0	13.4	62.4	999.9	999.
2.4	17.8	1274.0	875.0	22.5	15.0	73.9	0.8	-0.8	-0.2	307.2	341.4	12.4	62.6	0.2	331.
3.5	20.3	1526.0	850.0	20.5	12.7	46.6	0.5	-0.4	-0.4	307.7	338.0	11.0	60.8	0.2	296.
4.4	22.6	1783.8	825.0	19.1	9.5	999.9	99.9	99.9	99.9	308.8	334.5	9.1	53.8	999.9	999.
5.3	25.1	2047.6	800.0	17.4	4.6	999.9	99.9	99.9	99.9	309.8	328.9	6.7	42.6	999.9	999.
6.2	27.5	2317.9	775.0	15.2	99.9	999.9	99.9	99.9	99.9	310.2	999.9	99.9	999.9	999.9	999.
7.2	30.1	2593.6	750.0	12.2	99.9	999.9	99.9	99.9	99.9	309.8	999.9	99.9	999.9	999.9	999.
8.2	32.8	2875.9	725.0	10.4	-4.2	999.9	99.9	99.9	99.9	310.9	322.6	3.9	36.1	999.9	999.
9.3	35.4	3169.2	700.0	10.1	-9.9	27.5	6.8	-3.1	-6.0	313.7	321.6	2.6	23.3	1.0	211.
10.3	38.0	3469.8	675.0	7.6	-11.7	23.0	5.3	-2.1	-4.9	314.2	321.4	2.3	23.8	1.3	209.
11.5	40.7	3779.3	650.0	5.3	-13.2	12.2	5.1	-1.1	-5.0	315.0	321.6	2.1	24.8	1.7	207.
12.5	43.6	4098.5	625.0	3.2	-14.6	7.5	4.5	-0.6	-4.4	316.2	322.4	2.0	25.5	2.0	204.
13.7	46.5	4427.9	600.0	0.8	-16.9	20.6	4.3	-1.5	-4.0	317.1	322.5	1.7	25.2	2.2	202.
14.9	49.5	4767.4	575.0	-2.6	-19.8	42.7	4.4	-3.0	-3.2	317.0	321.4	1.4	25.1	2.6	203.
16.1	52.4	5118.8	550.0	-4.5	-21.9	51.5	4.9	-3.9	-3.1	318.8	322.7	1.2	24.0	2.9	207.
17.4	55.4	5493.7	525.0	-6.7	-24.8	62.5	4.3	-3.8	-2.0	320.4	323.7	1.0	22.0	3.2	209.
18.8	58.5	5867.1	500.0	-9.1	-31.2	93.3	5.0	-5.0	0.3	321.9	323.9	0.6	14.6	3.4	214.
20.2	61.9	6257.3	475.0	-12.1	-33.5	84.1	7.7	-7.6	-0.8	323.0	324.6	0.5	14.9	3.7	221.
21.8	65.2	6658.2	450.0	-15.5	-36.4	74.7	6.9	-6.7	-1.8	323.8	325.2	0.4	14.6	4.3	227.
23.4	68.6	7097.5	425.0	-18.5	-40.0	70.5	6.4	-6.0	-2.1	325.3	326.3	0.3	12.9	4.9	230.
25.0	72.0	7546.7	400.0	-21.5	-42.3	54.5	5.2	-4.3	-3.0	327.0	327.9	0.2	13.2	5.4	231.
25.8	75.7	8018.5	375.0	-25.5	-45.0	42.9	5.8	-3.9	-4.2	327.9	328.5	0.2	14.1	6.0	231.
28.6	79.7	8515.1	350.0	-29.0	-46.9	16.7	5.4	-1.6	-5.2	329.7	330.2	0.2	15.8	6.6	230.
30.8	83.5	9041.1	325.0	-32.9	-48.3	332.7	5.9	2.7	-5.2	331.4	331.9	0.1	19.4	7.1	224.
33.1	87.7	9599.5	300.0	-37.7	-49.2	320.4	5.1	3.3	-4.0	332.2	332.7	0.1	26.7	7.2	218.
35.4	92.2	10191.5	275.0	-43.4	99.9	309.8	5.6	4.3	-3.6	332.4	999.9	99.9	999.9	7.4	213.
37.9	96.6	10924.9	250.0	-48.6	99.9	308.0	9.0	7.1	-5.5	333.8	999.9	99.9	999.9	7.6	205.
40.7	101.5	11508.7	225.0	-54.4	99.9	289.9	9.1	8.6	-3.1	335.2	999.9	99.9	999.9	7.6	193.
44.0	107.0	12258.6	200.0	-58.7	99.9	311.3	16.5	12.4	-10.9	342.9	999.9	99.9	999.9	8.8	180.
47.3	112.8	13103.6	175.0	-58.2	99.9	325.1	25.3	14.5	-20.7	353.9	999.9	99.9	999.9	12.2	166.
51.7	119.3	14052.0	150.0	-63.4	99.9	327.5	25.6	13.8	-21.6	360.9	999.9	99.9	999.9	18.4	159.
56.2	126.3	15169.0	125.0	-68.7	99.9	343.6	23.6	6.7	-22.7	370.5	999.9	99.9	999.9	25.6	157.
61.9	134.7	16495.6	100.0	-71.4	99.9	336.3	16.8	6.8	-15.4	389.9	999.9	99.9	999.9	31.7	156.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

2 JUNE 1977  
300 GMT

112 147. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPCLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	791.0	925.0	24.4	17.9	110.0	4.3	-3.8	1.4	304.2	342.2	14.1	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.5	790.5	925.0	24.5	18.1	999.9	99.9	99.9	99.9	304.4	343.0	14.3	67.3	999.9	999.9
0.8	15.8	1032.1	900.0	24.5	18.3	999.9	99.9	99.9	99.9	306.8	347.3	14.9	68.2	999.9	999.9
1.8	18.2	1279.0	875.0	22.9	16.2	166.2	6.5	-1.5	6.3	307.6	344.4	15.4	66.1	0.9	336.
2.9	20.5	1531.8	850.0	21.4	14.7	183.3	3.9	0.2	3.9	308.6	343.2	12.5	65.7	1.2	342.
3.9	23.0	1790.3	825.0	19.6	13.7	64.6	0.2	-0.2	-0.1	309.4	342.9	12.1	68.6	1.4	343.
4.9	25.5	2055.3	800.0	17.9	11.2	345.0	5.4	1.4	-5.2	310.2	339.9	10.6	65.3	1.2	343.
5.9	28.0	2326.3	775.0	15.6	9.1	334.9	5.1	1.8	-4.7	310.6	337.3	9.5	65.3	0.9	342.
6.9	30.7	2604.1	750.0	13.1	7.1	11.5	5.4	-1.1	-5.3	310.8	335.1	8.5	66.9	0.5	342.
7.9	33.4	2888.4	725.0	10.5	3.6	36.4	7.7	-4.6	-6.2	311.0	330.9	6.9	62.5	0.4	294.
9.1	36.0	3141.0	700.0	10.5	1.9	32.4	7.3	-3.9	-6.1	314.1	332.6	6.3	55.3	0.8	242.
10.2	38.8	3493.0	675.0	8.1	-0.1	40.5	4.7	-3.0	-3.5	314.7	331.5	5.7	56.3	1.1	235.
11.5	41.5	3793.8	650.0	6.3	-2.1	49.1	4.8	-3.7	-3.2	316.1	331.3	5.1	55.0	1.4	233.
12.7	44.5	4114.3	625.0	3.7	-4.5	54.1	6.4	-5.2	-3.7	316.7	329.9	4.4	54.9	1.9	233.
14.0	47.5	4444.4	600.0	0.8	-7.3	57.1	6.8	-5.7	-3.7	317.0	328.3	3.7	54.8	2.4	234.
15.3	50.5	4784.9	575.0	-1.8	-9.9	59.6	7.2	-6.1	-3.7	317.9	327.6	3.1	53.9	2.9	234.
16.6	53.5	5137.3	550.0	-3.9	-12.1	54.7	6.3	-5.1	-3.6	319.4	328.1	2.7	52.8	3.5	235.
18.0	56.6	5503.3	525.0	-6.0	-14.2	54.5	6.5	-5.3	-3.8	321.3	329.0	2.4	52.1	4.0	235.
19.4	59.9	5883.7	500.0	-8.9	-17.0	78.0	4.2	-4.2	-0.9	322.2	328.7	2.0	51.8	4.5	235.
20.9	63.4	6279.7	475.0	-12.2	-20.2	101.3	6.1	-5.9	1.2	322.9	328.2	1.6	50.9	4.8	238.
22.4	66.7	6690.3	450.0	-14.8	-22.9	88.4	7.3	-7.3	-0.2	324.6	329.1	1.3	50.0	5.3	243.
23.8	70.3	7130.8	425.0	-17.8	-25.7	90.8	5.3	-6.3	0.1	326.2	330.0	1.1	49.6	5.9	245.
25.6	74.0	7571.2	400.0	-21.4	-29.2	88.9	5.1	-5.1	-0.1	327.2	330.1	0.8	49.1	6.4	248.
27.3	78.0	8043.9	375.0	-25.0	-32.6	63.3	4.6	-4.1	-2.1	328.6	330.9	0.7	48.8	6.9	249.
28.8	81.8	8542.0	350.0	-28.7	-36.2	32.5	3.2	-1.7	-2.7	330.0	331.8	0.5	48.2	7.3	248.
30.5	85.9	9069.4	325.0	-32.9	-39.5	304.3	3.7	3.1	-2.1	331.4	333.4	0.6	77.2	7.3	246.
32.6	90.4	9625.8	300.0	-37.3	-40.8	2.0	2.7	-0.1	-2.7	332.8	334.1	0.4	70.0	7.1	242.
34.6	95.0	10220.8	275.0	-42.4	99.9	337.4	4.8	1.8	-4.4	333.8	999.9	99.9	999.9	7.4	239.
36.8	99.8	10857.4	250.0	-47.9	99.9	313.6	6.7	4.9	-4.6	334.8	999.9	99.9	999.9	7.1	232.
39.3	105.0	11543.1	225.0	-52.3	99.9	319.1	10.7	7.0	-8.1	338.4	999.9	99.9	999.9	7.3	224.
41.9	110.6	12302.5	200.0	-54.4	99.9	311.2	19.6	14.8	-13.0	346.6	999.9	99.9	999.9	7.5	208.
44.6	116.5	13154.6	175.0	-56.8	99.9	329.2	20.4	10.5	-17.5	356.2	999.9	99.9	999.9	9.8	187.
47.3	123.0	14119.3	150.0	-62.6	99.9	999.9	99.9	99.9	99.9	362.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPCLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

7 JUNE 1977  
1500 GMT

119 100. 0

D-22

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	873.0	919.1	24.4	12.4	70.0	6.8	-6.4	-2.3	304.8	332.0	9.9	47.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	16.8	1055.5	900.0	20.5	12.1	78.0	6.4	-6.2	-1.3	302.7	329.8	10.0	58.7	0.3	238.
1.4	19.1	1298.9	875.0	21.1	12.0	32.0	3.2	-1.7	-2.7	305.7	333.8	10.2	56.1	0.5	242.
2.4	21.5	1549.4	850.0	18.8	11.4	330.9	2.4	1.1	-2.1	305.8	333.6	10.1	62.4	0.5	226.
3.2	23.8	1805.5	825.0	17.5	10.3	10.2	2.1	-0.4	-2.0	307.1	333.8	9.6	62.4	0.6	217.
4.3	26.4	2058.3	800.0	16.1	7.2	63.8	3.2	-2.8	-1.4	308.3	330.9	8.0	55.6	0.8	219.
5.1	28.7	2337.5	775.0	13.8	5.5	70.5	3.7	-3.5	-1.2	308.7	329.6	7.4	57.2	0.9	224.
6.1	31.3	2613.1	750.0	11.3	3.3	94.1	4.5	-4.9	0.4	308.8	327.4	6.5	57.9	1.1	231.
7.1	34.0	2895.2	725.0	8.5	3.0	100.5	5.6	-5.5	1.0	308.8	327.6	6.6	58.1	1.3	242.
8.1	36.6	3184.6	700.0	6.0	1.4	101.2	5.5	-5.4	1.1	309.1	326.6	6.1	72.1	1.6	249.
9.2	39.1	3481.6	675.0	4.2	-5.1	105.8	4.5	-4.4	1.2	310.3	321.9	3.9	50.9	1.9	255.
10.2	41.8	3799.1	650.0	2.3	-5.6	107.7	3.2	-3.1	1.0	311.6	323.2	3.9	55.8	2.1	258.
11.2	44.6	4103.4	625.0	-1.0	-6.4	106.1	2.5	-2.4	0.7	311.3	322.6	3.8	66.7	2.3	260.
12.5	47.4	4428.5	600.0	-2.1	-25.0	107.2	5.6	-5.3	1.6	313.7	316.7	0.9	16.6	2.5	262.
13.7	50.4	4766.7	575.0	-2.5	-30.5	107.6	7.4	-7.0	2.2	317.0	318.8	0.5	9.5	3.0	267.
14.9	53.2	5117.6	550.0	-5.1	-27.9	105.4	5.7	-6.5	1.8	318.0	320.4	0.7	14.7	3.5	270.
16.4	56.2	5481.1	525.0	-8.2	-22.7	117.2	8.1	-7.2	3.7	318.6	322.5	1.2	29.6	4.1	272.
17.8	59.1	5858.6	500.0	-9.8	-25.1	116.7	8.5	-7.6	3.8	321.1	324.4	1.0	27.2	4.7	277.
19.3	62.4	6252.4	475.0	-12.9	-27.7	112.7	8.5	-7.9	3.3	322.1	324.8	0.8	27.4	5.5	279.
20.9	65.6	6662.8	450.0	-15.3	-31.1	106.7	7.7	-7.3	2.2	324.0	326.2	0.6	24.5	6.2	281.
22.3	68.9	7092.2	425.0	-18.1	-35.0	106.4	6.9	-6.6	2.0	325.8	327.4	0.5	21.1	6.9	281.
23.9	72.1	7543.3	400.0	-20.2	-41.5	107.2	6.5	-6.2	1.9	328.7	329.6	0.2	12.8	7.5	282.
25.5	75.7	8019.3	375.0	-23.9	-43.7	95.9	3.7	-3.7	0.4	330.0	330.8	0.2	14.0	8.0	282.
27.3	79.4	8519.0	350.0	-28.2	-46.8	87.5	2.3	-2.3	-0.1	330.8	331.4	0.2	14.7	8.3	281.
29.1	83.2	9044.5	325.0	-32.7	-42.5	70.5	1.7	-1.6	-0.6	331.6	332.6	0.3	36.6	8.5	281.
31.0	87.2	9602.2	300.0	-37.5	99.9	97.9	2.9	-2.9	0.4	332.6	999.9	99.9	999.9	8.7	280.
33.0	91.4	10196.8	275.0	-42.3	99.9	182.8	0.9	0.0	0.9	334.0	999.9	99.9	999.9	9.0	281.
35.3	96.0	10834.0	250.0	-47.6	99.9	192.6	2.1	0.5	2.1	335.3	999.9	99.9	999.9	8.9	282.
37.5	100.6	11522.0	225.0	-53.3	99.9	209.1	3.3	1.6	2.9	336.8	999.9	99.9	999.9	8.8	284.
39.7	105.8	12272.1	200.0	-58.6	99.9	179.0	1.8	-0.0	1.8	339.9	999.9	99.9	999.9	8.9	286.
42.7	111.4	13109.3	175.0	-59.4	99.9	166.8	2.4	-0.5	2.3	351.9	999.9	99.9	999.9	8.9	288.
45.8	117.3	14077.1	150.0	-59.1	99.9	145.9	2.0	-1.1	1.6	368.2	999.9	99.9	999.9	9.0	250.
49.6	124.3	15199.8	125.0	-65.9	99.9	229.9	7.2	5.5	4.7	375.8	999.9	99.9	999.9	8.9	296.
54.2	132.0	16541.5	100.0	-70.2	99.9	999.9	99.9	99.9	99.9	392.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

7 JUNE 1977  
1503 GMT

124 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	771.0	933.3	22.8	14.9	40.0	6.3	-4.0	-4.8	301.9	332.9	11.5	61.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.3	849.9	925.0	21.6*	12.7	999.9	99.9	99.9	99.9	301.4	328.8	10.1	56.9	999.9	999.
0.8	15.6	1094.3	900.0	17.0	9.7	999.9	99.9	99.9	99.9	299.0	321.8	8.4	62.2	999.9	999.
1.8	19.0	1323.6	875.0	14.4	8.3	999.9	99.9	99.9	99.9	298.7	320.1	7.9	66.6	999.9	999.
2.7	20.4	1569.2	850.0	15.1	3.4	83.7	7.8	-7.8	-0.9	302.0	318.2	5.8	45.5	1.5	260.
3.7	22.8	1822.4	825.0	14.1	11.7	61.3	5.1	-4.5	-2.5	303.5	332.3	10.5	85.3	2.0	260.
4.8	25.3	2082.9	800.0	14.7	7.3	352.2	4.3	0.6	-4.3	306.8	329.4	8.1	61.3	2.1	254.
5.8	27.8	2351.4	775.0	13.4	5.8	326.0	3.2	1.3	-2.9	308.2	329.5	7.5	60.3	2.1	247.
6.9	30.5	2626.6	750.0	11.0	3.8	346.6	3.5	0.8	-3.4	308.5	327.8	6.8	61.3	2.1	241.
8.0	33.2	2908.5	725.0	8.5	0.0	5.8	3.4	-0.3	-3.4	308.8	324.1	5.3	55.3	2.2	236.
9.2	35.8	3197.9	700.0	6.4	0.8	41.2	4.9	-3.2	-3.7	309.5	326.3	5.8	67.3	2.5	233.
10.3	38.6	3495.3	675.0	4.5	-6.1	57.6	5.0	-4.3	-2.7	310.7	321.5	3.6	46.0	2.9	232.
11.5	41.3	3801.9	650.0	2.7	-6.2	85.9	3.4	-3.4	-0.2	312.0	323.1	3.7	52.0	3.1	234.
12.8	44.2	4117.6	625.0	-0.5	-5.8	93.7	3.7	-3.7	0.2	311.8	323.7	4.0	67.5	3.3	237.
14.0	47.2	4442.7	600.0	-3.4	-9.7	91.1	4.2	-4.8	0.1	312.2	321.5	3.1	61.6	3.6	239.
15.3	50.2	4778.6	575.0	-5.6	-9.5	98.4	6.8	-6.7	1.0	313.5	323.3	3.2	73.9	4.0	243.
16.7	53.3	5126.2	550.0	-8.1	-10.7	119.0	8.1	-7.0	3.9	314.5	323.9	3.1	81.5	4.4	249.
18.0	56.1	5487.4	525.0	-8.6	-20.4	125.9	8.3	-6.7	4.9	318.1	322.8	1.4	37.8	4.8	255.
19.4	59.4	5854.7	500.0	-10.4	-23.6	137.2	8.0	-5.4	5.9	320.4	324.2	1.1	32.8	5.3	262.
20.9	62.9	6258.1	475.0	-12.8	-24.6	135.1	8.6	-6.1	6.1	322.1	325.8	1.1	36.5	5.7	268.
22.6	66.1	6668.6	450.0	-14.8	-29.3	120.4	9.8	-8.5	5.0	324.6	327.2	0.7	27.7	6.4	273.
24.1	69.7	7099.1	425.0	-17.8	-31.9	118.9	9.0	-7.9	4.4	326.2	328.4	0.6	27.8	7.2	276.
25.8	73.1	7550.0	400.0	-20.9	-34.0	111.9	8.6	-8.0	3.2	327.8	329.7	0.5	29.7	8.0	278.
27.6	77.0	8022.9	375.0	-25.0	-37.2	99.8	9.6	-9.5	1.6	328.5	330.0	0.4	30.9	9.1	279.
29.7	80.9	8520.6	350.0	-28.9	-39.2	110.8	10.8	-10.1	3.8	329.8	331.1	0.4	36.0	10.3	280.
31.8	85.0	9046.9	325.0	-33.2	-43.6	133.7	7.5	-5.4	5.2	331.0	331.9	0.2	34.0	11.5	281.
33.8	89.0	9603.5	300.0	-38.2	-47.9	144.7	6.1	-3.5	4.9	331.5	332.2	0.2	34.9	12.1	284.
36.1	93.6	10196.2	275.0	-43.2	99.9	119.1	3.5	-3.0	1.7	332.6	999.9	99.9	999.9	12.6	285.
39.6	98.2	10831.2	250.0	-48.2	99.9	107.8	3.7	-3.5	1.1	334.4	999.9	99.9	999.9	13.1	286.
41.2	103.0	11517.0	225.0	-53.3	99.9	109.7	3.4	-3.2	1.1	336.8	999.9	99.9	999.9	13.7	286.
43.9	108.5	12266.3	200.0	-59.0	99.9	46.9	4.4	-3.2	-3.0	339.4	999.9	99.9	999.9	14.0	285.
47.2	114.3	13095.2	175.0	-61.6	99.9	163.5	0.9	-0.3	0.9	348.3	999.9	99.9	999.9	14.8	284.
51.1	120.5	14056.6	150.0	-62.1	99.9	202.0	3.2	3.0	-1.2	363.2	999.9	99.9	999.9	14.1	284.
55.3	127.3	15173.3	125.0	-66.2	99.9	279.6	9.0	8.8	-1.5	375.2	999.9	99.9	999.9	12.4	285.
60.3	135.0	16507.1	100.0	-71.5	99.9	999.9	99.9	99.9	99.9	389.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

7 JUNE 1977  
1459 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	595.0	950.9	25.1	19.0	100.0	1.6	-1.6	0.3	302.6	342.1	14.8	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.3	593.3	950.0	24.8	18.2	999.9	99.9	99.9	99.9	302.4	340.3	14.2	67.0	999.9	999.9
0.9	14.7	825.0	925.0	21.1	99.9	999.9	99.9	99.9	99.9	300.9	999.9	99.9	999.9	999.9	999.9
1.8	17.0	1060.8	900.0	18.5	10.5	999.9	99.9	99.9	99.9	300.6	324.8	8.9	55.3	999.9	999.9
2.7	19.6	1302.1	875.0	17.0	9.8	89.8	5.9	-5.9	-0.0	301.4	325.4	8.8	62.9	1.0	270.
3.7	22.0	1550.2	850.0	16.3	10.5	39.9	2.7	-1.7	-2.1	305.4	331.5	5.5	60.3	1.2	267.
4.6	24.6	1806.8	825.0	16.0	8.5	11.8	3.5	-0.7	-3.4	307.7	331.6	8.5	53.8	1.3	260.
5.7	27.0	2069.6	800.0	16.5	6.7	22.1	3.1	-1.2	-2.9	308.7	330.6	7.7	52.3	1.4	252.
6.6	29.8	2338.9	775.0	13.7	5.4	32.6	2.4	-1.3	-2.1	308.6	329.3	7.3	57.0	1.5	247.
7.7	32.6	2614.4	750.0	11.2	3.8	54.4	3.2	-2.6	-1.8	308.8	328.0	6.8	60.3	1.7	245.
8.9	35.3	2896.2	725.0	8.6*	99.9	58.1	3.5	-3.0	-1.9	308.9	999.9	99.9	999.9	1.9	244.
10.0	37.9	3184.8	700.0	6.5*	99.9	58.4	5.8	-4.9	-3.0	309.7	999.9	99.9	999.9	2.1	243.
11.0	40.7	3482.3	675.0	4.2	-4.0	63.1	7.3	-6.5	-3.3	310.3	322.8	4.2	55.0	2.6	243.
12.2	43.6	3789.5	650.0	2.2	-6.1	72.1	7.5	-7.2	-2.3	311.5	322.6	3.7	53.8	3.1	243.
13.3	45.6	4104.1	625.0	-0.3	-9.4	84.6	7.1	-7.0	-0.7	312.1	321.2	3.0	50.1	3.6	245.
14.5	49.6	4429.6	600.0	-2.2	-15.1	95.8	7.2	-7.2	0.7	313.6	319.8	2.0	36.8	4.1	249.
15.8	52.6	4767.1	575.0	-3.4	-22.2	109.7	7.1	-6.7	2.4	316.0	319.7	1.1	21.8	4.6	252.
17.2	55.7	5117.5	550.0	-5.4	-19.0	116.7	7.4	-6.6	3.3	317.7	322.7	1.5	33.4	5.0	257.
18.5	58.9	5480.9	525.0	-7.2	-29.1	122.8	7.2	-6.1	3.9	319.8	322.1	0.7	15.4	5.5	261.
20.0	62.3	5859.4	500.0	-9.8	-32.6	124.1	6.7	-5.6	3.8	321.1	322.8	0.5	13.5	5.9	265.
21.5	65.6	6253.7	475.0	-12.0	-37.5	122.9	8.4	-7.0	4.5	323.1	324.3	0.3	10.0	6.4	269.
22.9	69.0	6645.1	450.0	-14.9	-37.5	118.8	8.1	-7.1	3.9	324.5	325.7	0.3	12.4	7.1	272.
24.5	72.5	7095.1	425.0	-17.9	-40.3	119.1	9.2	-8.0	4.5	326.1	327.1	0.3	11.9	7.8	275.
26.1	76.3	7546.4	400.0	-20.7	-43.0	106.7	9.5	-9.1	2.7	328.1	328.9	0.2	11.4	8.7	277.
27.8	80.3	8020.2	375.0	-24.6	-44.9	105.0	9.8	-9.4	2.5	329.0	329.7	0.2	13.1	9.6	277.
29.7	84.2	8518.9	350.0	-28.3	-47.0	103.0	9.5	-9.3	2.1	330.6	331.2	0.2	14.7	10.8	278.
31.6	88.2	9045.9	325.0	-32.1	-50.4	107.3	8.2	-7.9	2.5	332.5	332.9	0.1	14.1	11.7	279.
33.6	92.7	9605.1	300.0	-36.9	-51.6	90.2	6.9	-6.9	0.0	333.4	333.8	0.1	19.7	12.7	279.
35.6	97.2	10200.8	275.0	-41.6	99.9	73.1	4.0	-3.8	-1.2	335.0	999.9	99.9	999.9	13.4	278.
38.0	102.0	10839.3	250.0	-46.7	99.9	346.8	5.0	1.2	-4.9	336.6	999.9	99.9	999.9	13.2	276.
40.5	107.3	11527.9	225.0	-53.0	99.9	4.2	3.8	-0.3	-3.8	337.3	999.9	99.9	999.9	13.3	273.
43.4	112.8	12279.1	200.0	-57.0	99.9	351.4	3.7	0.6	-3.7	342.5	999.9	99.9	999.9	13.0	271.
46.3	118.5	13117.7	175.0	-60.0	99.9	98.3	2.4	-2.3	0.3	351.0	999.9	99.9	999.9	13.4	268.
49.8	125.2	14078.7	150.0	-61.1	99.9	283.6	2.0	2.0	-0.5	364.9	999.9	99.9	999.9	13.0	269.
53.8	131.8	15199.0	125.0	-64.7	99.9	262.2	9.7	9.6	1.1	377.8	999.9	99.9	999.9	11.5	271.
59.7	139.0	16536.6	100.0	-70.0	99.9	999.9	99.9	99.9	99.9	390.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

7 JUNE 1977  
1500 GMT

113 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GDM	PRFS M3	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	781.0	928.7	23.3	11.7	90.0	7.4	-7.9	0.0	302.8	328.4	9.4	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	595.9	559.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.5	815.4	925.0	22.7*	99.9	99.9	99.9	99.9	99.9	302.5	999.9	99.9	999.9	999.9	999.
0.9	13.7	1052.3	909.0	18.6	10.3	99.9	99.9	99.9	99.9	300.7	324.6	8.8	58.6	999.9	999.
1.7	15.6	1293.8	875.0	17.3	10.0	999.9	99.9	99.9	99.9	301.8	326.0	8.9	62.4	999.9	999.
2.6	17.8	1541.9	850.0	18.1	10.2	23.6	5.7	-2.3	-5.2	305.1	330.3	9.3	60.5	1.7	256.
3.4	19.9	1799.1	935.0	18.4	9.3	112.9	3.4	-3.1	1.3	308.1	333.3	5.0	55.2	1.8	254.
4.4	22.0	2051.3	809.0	16.5	5.8	329.5	2.1	1.1	-1.8	308.8	329.6	7.3	49.0	1.9	256.
5.3	24.3	2311.1	775.0	14.4	5.2	60.6	4.2	-3.9	-2.2	309.3	329.7	7.2	53.9	1.9	253.
6.1	26.3	2607.5	750.0	12.3	4.6	61.0	2.9	-2.5	-1.4	310.0	330.4	7.1	55.4	2.2	252.
7.2	28.7	2920.9	725.0	9.8	2.6	75.0	3.4	-3.3	-0.7	310.2	328.6	6.4	60.8	2.3	251.
8.2	31.0	3181.9	700.0	8.6	0.1	82.3	5.8	-5.7	-0.8	312.0	328.1	5.5	55.3	2.6	253.
9.2	33.5	3431.7	675.0	6.0	-2.0	82.2	7.5	-7.5	-1.0	312.4	326.9	4.9	55.5	3.0	254.
10.2	35.8	3789.6	650.0	3.3	-4.8	86.3	7.6	-7.6	-0.5	312.7	325.0	4.1	55.6	3.5	255.
11.2	39.3	4106.4	625.0	0.5	-7.3	99.7	7.2	-7.1	1.2	313.2	323.9	3.6	55.7	3.9	257.
12.4	40.9	4477.7	600.0	-1.5	-11.7	110.0	9.4	-8.8	3.2	314.4	322.5	2.6	45.6	4.4	261.
13.6	43.4	4771.8	575.0	-2.1	-23.9	120.7	9.3	-7.1	4.2	317.5	321.0	1.1	18.5	5.0	265.
14.9	46.3	5123.7	550.0	-4.2	-33.4	124.5	6.5	-5.3	3.7	319.1	322.6	1.0	20.6	5.4	268.
16.1	49.2	5489.7	525.0	-6.9	-21.6	127.7	8.4	-6.7	5.2	320.1	324.4	1.3	30.0	5.9	271.
17.4	51.9	5867.2	500.0	-9.5	-28.5	124.8	8.4	-6.9	4.8	321.5	324.0	0.7	20.1	6.4	276.
18.7	55.0	6252.4	475.0	-11.7	-28.6	114.6	8.5	-7.7	3.5	323.6	326.1	0.8	22.9	7.0	277.
20.0	57.9	6675.6	450.0	-13.5	-34.0	124.4	9.6	-7.9	5.4	326.3	328.0	0.5	15.8	7.6	280.
21.5	61.1	7107.5	425.0	-16.6	-37.8	127.3	10.2	-8.1	6.2	327.7	329.0	0.3	12.8	8.4	282.
23.1	64.6	7541.5	400.0	-18.8	-39.8	124.7	10.7	-8.8	6.1	330.6	331.6	0.3	13.6	9.4	285.
24.6	67.7	8039.1	375.0	-22.3	-43.2	116.5	10.2	-9.1	4.6	332.0	332.9	0.2	12.9	10.3	286.
26.3	71.3	8511.4	350.0	-26.9	-42.7	125.6	6.0	-4.6	3.8	332.6	333.5	0.2	20.4	11.1	287.
28.0	75.0	9073.2	325.0	-30.6	-45.6	112.0	7.9	-7.3	3.0	334.6	335.3	0.2	21.1	11.7	288.
29.7	79.2	9536.2	300.0	-35.0	-48.5	95.9	9.7	-8.6	1.0	336.1	336.7	0.1	23.4	12.6	288.
31.5	83.2	10276.6	275.0	-39.9	99.9	54.1	5.3	-4.3	-3.1	337.4	999.9	99.9	999.9	13.3	286.
33.4	87.4	10880.7	250.0	-45.2	99.9	39.3	3.6	-2.3	-2.8	338.9	999.9	99.9	999.9	13.4	285.
35.5	92.2	11576.0	225.0	-50.7	99.9	33.2	2.4	1.1	-2.2	340.9	999.9	99.9	999.9	13.1	283.
37.8	97.2	12375.2	200.0	-55.0	99.9	305.4	2.9	2.4	-1.7	345.7	999.9	99.9	999.9	12.8	282.
40.1	103.6	13182.9	175.0	-57.0	99.5	14.4	0.7	-0.2	-0.6	355.9	999.9	99.9	999.9	12.9	280.
42.8	109.9	14155.3	150.0	-59.4	99.5	157.8	1.2	-0.4	1.1	369.5	999.9	99.9	999.9	13.1	281.
45.5	115.5	15288.9	125.0	-63.0	99.9	245.0	7.3	6.6	3.1	380.9	999.9	99.9	999.9	12.7	284.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

7 JUNE 1977  
1745 GMT

117 100. 0

D-26

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	873.0	918.7	30.0	12.4	7.0	7.9	-1.0	-7.8	310.6	338.6	9.9	34.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.7	15.2	1054.6	900.0	24.6	11.5	68.4	6.3	-5.8	-2.3	306.9	333.3	9.5	43.8	0.2	249.
1.8	17.4	1300.6	875.0	22.1	11.4	57.2	5.9	-4.9	-3.2	306.7	333.8	9.7	50.8	0.6	246.
2.7	19.8	1551.8	850.0	20.0	10.7	53.1	3.6	-2.9	-2.2	307.1	333.8	9.6	55.2	0.9	242.
3.6	22.0	1808.4	825.0	17.7	9.8	77.8	2.2	-2.1	-0.5	307.3	333.2	9.3	59.8	1.0	242.
4.3	24.5	2071.2	800.0	15.8	7.5	97.7	2.7	-2.7	0.4	308.0	331.0	8.2	57.6	1.1	245.
5.2	26.8	2340.5	775.0	14.2	4.7	98.4	3.8	-3.8	0.6	309.1	329.0	7.0	52.8	1.3	249.
6.3	29.4	2616.5	750.0	11.7	3.5	109.3	4.1	-3.9	1.4	309.3	328.1	6.6	57.0	1.5	255.
7.3	32.0	2899.3	725.0	9.4	2.6	104.2	4.0	-3.9	1.0	309.8	328.2	6.4	62.7	1.7	259.
8.4	34.6	3189.2	700.0	6.5	-1.9	95.9	4.6	-4.5	0.5	309.7	323.8	4.8	54.9	2.0	262.
9.6	37.0	3485.7	675.0	5.1	-3.8	78.8	2.9	-2.9	-0.6	311.3	324.0	4.3	52.5	2.3	264.
10.8	39.8	3793.7	650.0	2.5	-5.8	61.3	2.5	-2.2	-1.2	311.8	323.2	3.8	54.3	2.4	262.
11.9	42.3	4109.5	625.0	-0.1	-9.3	71.6	3.5	-3.4	-1.1	312.4	321.6	3.1	50.1	2.6	261.
12.9	45.1	4435.0	600.0	-2.3	-15.2	98.9	5.7	-5.7	0.9	313.5	319.6	2.0	36.2	2.9	260.
14.2	48.0	4771.9	575.0	-3.8	-22.8	125.7	6.8	-5.5	4.0	315.6	319.0	1.1	21.0	3.3	265.
15.6	50.8	5122.0	550.0	-5.2	-30.3	137.0	6.9	-4.7	5.1	317.9	319.8	0.6	11.8	3.7	272.
16.7	53.8	5486.4	525.0	-6.6	-24.3	137.9	7.1	-4.8	5.3	320.4	323.8	1.0	22.9	4.1	277.
18.0	56.6	5866.1	500.0	-8.5	-30.7	128.1	7.7	-6.1	4.7	322.7	324.8	0.6	15.1	4.5	282.
19.4	59.9	6261.7	475.0	-11.2	-30.8	110.8	6.9	-6.5	2.5	324.1	326.2	0.6	17.9	5.1	284.
20.9	63.1	6674.6	450.0	-13.9	-33.8	110.1	5.2	-4.9	1.8	325.8	327.5	0.5	16.6	5.7	284.
22.4	66.3	7105.5	425.0	-16.6	-37.7	132.2	6.4	-4.7	4.3	327.7	329.0	0.3	14.0	6.1	285.
24.2	69.7	7559.7	400.0	-19.4	-41.8	133.9	7.2	-5.2	5.0	329.8	330.7	0.2	11.6	6.8	289.
25.9	73.1	8036.1	375.0	-22.9	-45.5	129.9	4.4	-3.4	2.8	331.4	332.0	0.2	10.4	7.4	291.
27.6	76.9	8537.8	350.0	-27.3	-47.4	115.2	1.3	-1.1	0.5	332.0	332.6	0.1	12.7	7.7	291.
29.4	80.6	9067.2	325.0	-31.4	-43.2	73.4	3.0	-2.9	-0.9	333.4	334.4	0.3	30.4	7.8	290.
31.4	84.7	9628.6	300.0	-36.0	-49.1	98.6	5.5	-5.4	0.8	334.7	335.2	0.1	24.1	8.3	289.
33.5	88.8	10225.9	275.0	-41.5	99.9	107.3	3.6	-3.5	1.1	335.1	999.9	99.9	999.9	9.0	288.
35.7	93.3	10866.3	250.0	-46.4	99.9	137.9	2.8	-1.9	2.1	337.1	999.9	99.9	999.9	9.3	289.
38.1	98.0	11556.0	225.0	-52.3	99.9	170.9	4.2	-0.7	4.1	338.4	999.9	99.9	999.9	9.5	291.
40.7	103.0	12309.6	200.0	-57.5	99.9	153.5	4.0	-1.8	3.5	341.8	999.9	99.9	999.9	9.9	295.
43.3	108.5	13150.3	175.0	-59.5	99.9	155.3	3.6	-1.5	3.3	351.8	999.9	99.9	999.9	10.5	295.
46.5	114.3	14117.3	150.0	-58.9	99.9	216.3	7.0	4.2	5.7	368.6	999.9	99.9	999.9	10.6	300.
50.0	121.3	15246.5	125.0	-65.2	99.9	232.7	6.2	5.0	3.8	377.0	999.9	99.9	999.9	10.5	306.
54.4	129.0	16595.6	100.0	-68.4	99.9	999.9	99.9	99.9	99.9	395.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

7 JUNE 1977  
1800 GMT

127 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	771.0	932.3	26.5	15.5	30.0	6.3	-3.1	-5.5	305.7	338.6	12.0	51.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	14.7	840.1	925.0	24.6	99.9	999.9	99.9	99.9	99.9	304.5	999.9	99.9	999.9	999.9	999.
1.1	15.9	1078.2	900.0	21.2	10.1	999.9	99.9	99.9	99.9	303.3	327.2	8.7	49.1	999.9	999.
1.9	19.5	1721.2	875.0	19.4	9.5	102.3	4.4	-4.4	0.8	303.9	327.6	8.6	52.8	0.8	276.
2.7	21.9	1570.3	850.0	16.6	8.1	105.0	3.5	-3.4	0.9	303.5	325.7	8.0	57.1	0.9	277.
3.9	24.6	1824.0	825.0	15.0	8.2	125.3	2.6	-1.6	1.1	304.5	327.5	8.3	63.5	1.1	279.
4.9	27.1	2095.0	800.0	15.2	6.6	43.1	2.5	-1.7	-1.8	307.4	329.1	7.7	66.2	1.2	279.
5.9	29.8	2354.1	775.0	14.0	4.7	3.6	1.9	-0.1	-1.9	308.9	328.7	6.9	53.2	1.3	273.
6.9	32.6	2629.9	750.0	11.8	3.1	26.2	2.5	-1.1	-2.2	309.4	327.8	6.4	55.2	1.3	267.
7.9	35.3	2912.9	725.0	9.4	3.0	53.4	3.4	-2.7	-2.0	309.7	328.7	6.6	64.5	1.4	262.
9.1	38.0	3207.4	700.0	7.9	-1.2	49.9	4.8	-3.6	-3.1	311.2	326.0	5.0	52.6	1.7	258.
10.2	40.8	3502.6	675.0	6.0	-5.2	44.2	4.4	-3.1	-3.2	312.3	323.8	3.8	44.3	2.0	253.
11.3	43.8	3810.4	650.0	3.3	-5.1	50.8	2.9	-2.3	-1.8	312.7	324.8	4.0	54.0	2.2	250.
12.5	46.8	4127.4	625.0	0.6	-7.1	72.9	3.2	-3.0	-0.9	313.1	324.0	3.6	56.4	2.4	249.
13.7	49.9	4454.6	600.0	-1.2	-6.4	99.8	4.3	-4.2	0.7	314.8	326.7	4.0	67.7	2.6	251.
15.1	52.9	4797.1	575.0	-3.5	-8.9	108.7	5.1	-4.8	1.6	315.9	326.2	3.4	66.2	3.0	255.
16.3	55.9	5147.1	550.0	-5.7	-17.9	115.7	4.3	-3.9	1.9	317.3	322.8	1.7	37.9	3.2	259.
17.8	59.1	5506.4	525.0	-7.9	-20.8	104.0	5.4	-5.2	1.3	319.1	323.6	1.4	24.2	3.6	263.
19.3	62.5	5884.6	500.0	-10.1	-26.9	116.6	5.0	-4.5	2.2	320.7	323.6	0.8	23.8	4.1	265.
20.8	65.9	6277.8	475.0	-12.5	-30.5	147.7	5.7	-3.1	4.8	322.5	324.6	0.6	20.6	4.4	269.
22.2	69.3	6689.4	450.0	-14.0	-35.7	149.3	6.6	-3.4	5.7	325.7	327.1	0.4	13.8	4.6	276.
23.9	72.7	7121.4	425.0	-16.6	-32.3	128.7	9.2	-7.2	5.7	327.7	329.9	0.6	24.8	5.2	281.
25.5	76.6	7573.7	400.0	-20.4	-37.1	125.3	9.3	-6.7	4.9	328.5	329.9	0.4	21.1	6.1	285.
27.3	80.4	8047.8	375.0	-24.4	-37.7	129.5	9.0	-6.9	5.7	329.3	330.7	0.4	27.8	6.9	288.
29.1	84.5	8545.8	350.0	-28.8	-42.1	127.1	9.4	-7.5	5.7	329.9	330.9	0.3	26.5	7.8	290.
31.0	88.5	9072.2	325.0	-32.8	-44.5	113.5	8.4	-7.7	3.4	331.5	332.4	0.2	29.6	8.9	292.
33.3	93.0	9670.8	300.0	-37.3	-49.2	125.8	6.6	-5.4	3.9	332.8	333.3	0.1	27.3	9.8	292.
35.6	97.4	10225.1	275.0	-42.5	99.9	108.3	7.0	-6.6	2.2	333.6	999.9	99.9	999.9	10.7	292.
38.1	102.2	10862.7	250.0	-47.5	99.9	124.7	7.1	-5.8	4.0	335.4	999.9	99.9	999.9	11.8	292.
40.6	107.4	11550.4	225.0	-53.4	99.9	130.9	7.6	-5.8	5.0	336.7	999.9	99.9	999.9	12.9	294.
43.4	112.8	12209.2	200.0	-58.6	99.9	142.3	8.3	-5.1	6.6	339.9	999.9	99.9	999.9	14.2	296.
46.6	119.8	13171.7	175.0	-58.7	99.9	208.7	2.3	1.1	2.0	353.0	999.9	99.9	999.9	15.0	298.
50.2	125.4	14097.5	150.0	-62.5	99.9	263.8	4.9	4.9	0.5	362.4	999.9	99.9	999.9	14.3	299.
54.4	132.3	15214.1	125.0	-65.7	99.9	277.2	11.6	11.5	-1.5	375.9	999.9	99.9	999.9	12.4	305.
59.3	139.8	16560.0	100.0	-68.7	99.9	999.9	99.9	99.9	99.9	395.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

7 JUNE 1977  
1802 GMT

124 86. 0

TIME MIN	CNTCT	HEIGHT GOM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	585.0	949.5	32.1	22.5	180.0	1.6	0.0	1.6	309.8	360.3	18.4	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	13.3	816.8	925.0	24.7	13.2	59.6	4.6	-4.0	-2.3	304.6	333.1	10.4	48.8	0.3	243.
1.9	15.4	1056.7	900.0	22.6	12.4	62.8	4.0	-3.6	-1.8	304.8	332.7	10.2	52.6	0.5	243.
2.9	17.6	1301.0	875.0	20.0	10.8	59.0	4.3	-3.7	-2.2	304.6	330.4	9.3	55.2	0.8	242.
3.8	20.0	1550.3	850.0	17.5	9.7	63.0	5.6	-5.0	-2.5	304.5	329.3	9.0	60.4	1.0	241.
4.7	22.2	1805.9	825.0	17.5	8.9	41.8	3.6	-2.4	-2.7	307.1	331.5	8.7	64.7	1.3	241.
5.5	24.6	2069.0	800.0	16.5	6.8	31.5	3.4	-1.8	-2.9	308.7	330.8	7.8	52.6	1.5	237.
6.6	26.9	2339.6	775.0	14.6	5.7	10.7	2.4	-0.4	-2.3	309.5	330.8	7.5	52.2	1.6	234.
7.6	29.4	2614.9	750.0	12.0	3.5	28.8	2.9	-1.4	-2.5	309.6	328.5	6.6	55.8	1.7	231.
8.5	32.1	2897.9	725.0	9.6	2.3	46.0	3.3	-2.3	-2.3	309.9	327.9	6.2	60.4	1.9	230.
9.7	34.7	3199.3	700.0	6.8	1.6	56.9	5.8	-4.8	-3.1	310.0	327.8	6.2	69.5	2.2	230.
10.7	37.1	3495.5	675.0	4.6	1.1	69.8	5.4	-5.0	-1.9	310.8	328.6	6.2	78.3	2.6	232.
11.9	39.9	3793.4	650.0	3.0	-6.5	93.5	4.1	-4.1	0.2	312.4	323.3	3.6	49.7	2.8	235.
12.9	42.4	4110.0	625.0	0.6	-9.1	111.4	4.2	-3.9	1.5	313.1	322.4	3.1	48.0	3.0	238.
14.1	45.3	4436.8	600.0	-1.0	-12.0	114.5	5.1	-4.6	2.1	314.9	322.8	2.5	42.9	3.2	244.
15.2	48.2	4775.2	575.0	-3.2	-16.7	110.0	5.5	-5.2	1.9	316.3	322.0	1.8	34.1	3.4	248.
16.5	51.0	5125.6	550.0	-5.1	-17.2	107.9	6.4	-6.1	2.0	318.1	323.8	1.8	37.7	3.8	252.
17.7	54.0	5490.4	525.0	-6.7	-21.8	110.4	6.2	-5.8	2.2	320.4	324.6	1.3	28.8	4.2	257.
18.9	56.9	5869.6	500.0	-9.5	-25.4	121.1	5.8	-5.0	3.0	321.5	324.8	1.0	26.0	4.5	260.
20.3	60.1	6264.5	475.0	-11.4	-25.5	128.1	6.3	-5.4	4.2	323.8	327.2	1.0	30.0	4.9	264.
21.7	63.4	6676.9	450.0	-14.3	-29.8	131.3	7.2	-5.4	4.8	325.2	327.7	0.7	25.4	5.3	269.
23.2	66.6	7108.3	425.0	-17.0	-25.3	122.0	9.1	-7.7	4.8	327.1	331.0	1.1	48.4	5.9	273.
24.9	70.1	7560.7	400.0	-20.2	-29.7	112.3	9.7	-9.0	3.7	328.8	331.6	0.8	42.0	6.8	276.
26.5	73.6	8035.9	375.0	-23.8	-37.1	108.4	9.1	-8.6	2.9	330.1	331.6	0.4	27.9	7.7	278.
28.3	77.3	8576.0	350.0	-27.7	-40.9	115.3	8.4	-7.5	3.6	331.5	332.6	0.3	26.8	8.6	279.
30.0	81.0	9064.0	325.0	-32.1	-44.7	115.4	6.9	-6.2	3.0	332.5	333.3	0.2	26.9	9.4	281.
31.9	85.1	9624.3	300.0	-36.8	-48.1	98.6	6.9	-6.8	1.0	333.5	334.1	0.2	29.6	10.2	281.
33.9	89.2	10220.3	275.0	-41.8	99.9	96.6	4.8	-4.7	0.5	334.7	999.9	99.9	999.9	10.9	281.
36.1	93.8	10859.5	250.0	-47.3	99.9	98.6	5.1	-5.0	0.8	335.8	999.9	99.9	999.9	11.5	281.
38.7	98.6	11547.1	225.0	-52.8	99.9	61.3	3.0	-2.6	-1.4	337.7	999.9	99.9	999.9	12.2	280.
41.3	103.5	12298.3	200.0	-57.7	99.9	51.3	3.6	-2.8	-2.3	341.4	999.9	99.9	999.9	12.3	278.
44.2	109.3	13132.5	175.0	-60.9	99.9	209.9	5.3	2.6	4.6	349.4	999.9	99.9	999.9	12.4	278.
47.9	115.2	14098.8	150.0	-60.0	99.9	235.6	4.8	3.9	2.7	366.8	999.9	99.9	999.9	11.9	282.
51.8	122.0	15219.1	125.0	-65.7	99.9	266.5	8.4	8.4	0.5	376.0	999.9	99.9	999.9	10.7	288.
56.7	129.3	16559.4	100.0	-70.2	99.9	331.1	10.5	5.1	-9.2	392.0	999.9	99.9	999.9	8.0	291.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG.  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

7 JUNE 1977  
1800 GMT

112 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	781.0	927.9	28.9	13.6	90.0	6.9	-6.8	0.0	308.6	338.2	10.6	39.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.1	12.7	809.8	925.0	28.2*	99.9	999.9	99.9	99.9	99.9	308.2	999.9	99.9	999.9	999.9	999.
1.1	14.8	1049.0	900.0	22.7	11.9	999.9	99.9	99.9	99.9	304.9	331.9	9.8	50.5	999.9	999.
2.8	16.7	1293.9	975.0	20.8	11.2	94.6	6.3	-6.5	0.5	305.4	332.0	9.6	54.1	1.2	276.
3.9	18.8	1544.0	850.0	18.6	10.5	68.4	6.0	-5.6	-2.2	305.7	331.8	9.5	59.2	1.7	271.
5.1	20.8	1799.7	825.0	16.7	8.9	48.8	2.7	-2.0	-1.8	306.2	330.6	8.8	60.3	2.0	268.
6.3	22.9	2062.2	800.0	16.6	6.6	128.8	1.9	-1.4	1.2	308.8	330.6	7.7	51.7	2.1	265.
7.5	25.2	2332.1	775.0	14.5	6.2	91.8	2.9	-2.9	0.1	309.4	331.2	7.7	57.4	2.2	266.
8.7	27.4	2608.5	750.0	11.9	5.1	25.7	1.7	-0.8	-1.6	309.5	330.6	7.4	63.2	2.3	268.
9.8	29.7	2891.0	725.0	9.8	99.9	43.5	6.2	-4.3	-4.5	310.2	999.9	99.9	999.9	2.5	259.
10.9	32.1	3191.3	700.0	7.2	1.4	78.7	6.2	-6.1	-1.2	310.5	328.0	6.1	66.3	2.9	258.
12.2	34.6	3479.9	675.0	4.8	-1.5	95.0	5.4	-5.3	0.5	311.0	325.9	5.1	64.0	3.4	259.
13.4	36.9	3797.1	650.0	3.4	-6.0	101.8	5.4	-5.3	1.1	312.8	324.2	3.8	50.0	3.7	261.
14.8	39.6	4104.1	625.0	0.8	-9.0	114.9	6.4	-5.9	2.7	313.4	323.5	3.4	51.6	4.1	265.
16.1	42.0	4430.6	600.0	-1.7	-11.3	103.1	7.0	-6.8	1.6	314.2	322.5	2.7	47.8	4.6	267.
17.5	44.7	4769.5	575.0	-3.5	-15.0	105.0	8.4	-8.1	2.2	315.9	322.5	2.1	40.4	5.3	269.
19.9	47.4	5119.5	550.0	-5.6	-21.1	110.5	6.8	-6.4	2.4	317.5	321.7	1.3	28.0	5.9	271.
20.3	50.3	5482.1	525.0	-7.8	-20.7	157.3	5.5	-2.3	5.4	319.1	323.7	1.4	34.6	6.3	273.
21.8	53.0	5840.0	500.0	-9.6	-27.7	155.3	7.1	-3.0	6.4	321.3	324.0	0.8	21.2	6.5	279.
23.2	55.8	6254.7	475.0	-11.4	-32.7	153.4	7.6	-3.4	6.8	323.8	325.6	0.5	15.2	6.9	283.
24.8	59.0	6667.8	450.0	-13.2	-39.2	144.4	12.1	-7.0	9.8	326.7	327.7	0.3	9.1	7.5	288.
26.4	62.1	7101.3	425.0	-15.8	-41.7	125.0	9.4	-7.7	5.4	328.8	329.6	0.2	8.6	8.5	292.
28.0	65.4	7555.8	400.0	-19.2	-44.5	120.1	11.2	-9.7	5.6	330.1	330.8	0.2	8.4	9.5	292.
29.5	68.9	8032.3	375.0	-22.9	-45.9	122.7	11.2	-9.4	6.1	331.4	332.0	0.2	10.0	10.5	293.
31.0	72.2	8534.1	350.0	-27.0	-44.7	127.5	13.4	-10.6	8.1	332.3	333.1	0.2	16.7	11.6	295.
32.8	76.0	9063.4	325.0	-31.5	-48.8	123.2	8.5	-7.1	4.7	333.3	333.8	0.1	16.1	12.8	295.
34.6	79.9	9624.9	300.0	-36.0	-51.4	123.6	8.0	-6.7	4.4	334.7	335.1	0.1	18.4	13.6	296.
36.7	83.8	10223.6	275.0	-40.1	99.9	85.1	7.8	-7.7	-0.7	337.1	999.9	99.9	999.9	14.6	295.
38.5	88.0	10866.7	250.0	-45.2	99.9	341.2	5.2	1.7	-4.9	338.9	999.9	99.9	999.9	14.9	293.
40.7	92.8	11551.4	225.0	-50.8	99.9	91.3	3.0	-3.0	0.1	340.6	999.9	99.9	999.9	14.7	292.
42.9	97.8	12318.2	200.0	-56.5	99.9	55.8	3.0	-2.5	-1.7	343.3	999.9	99.9	999.9	15.1	291.
45.3	103.0	13156.1	175.0	-59.5	99.9	230.9	5.7	4.4	3.6	351.7	999.9	99.9	999.9	15.0	291.
48.0	109.3	14130.2	150.0	-58.1	99.9	242.8	5.3	4.7	2.4	370.0	999.9	99.9	999.9	14.6	294.
50.9	115.8	15263.4	125.0	-63.7	99.9	284.3	8.8	8.5	-2.2	379.7	999.9	99.9	999.9	13.9	298.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

7 JUNE 1977  
2045 GMT

117 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	873.0	916.4	32.8	9.6	80.0	5.1	-5.0	-0.9	313.7	337.4	8.2	24.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	15.3	1035.0	900.0	30.3	8.7	87.0	5.7	-5.7	-0.3	312.7	335.4	7.9	26.3	0.3	263.
1.5	17.6	1244.7	875.0	26.5	8.4	87.5	5.1	-5.1	-0.2	311.3	334.1	7.9	31.8	0.6	266.
2.6	20.1	1539.1	850.0	24.2	7.0	82.8	6.2	-6.1	-0.8	311.5	332.9	7.4	33.3	1.0	265.
3.5	22.3	1749.2	825.0	21.9	6.8	77.7	5.7	-5.5	-1.2	311.7	333.5	7.6	37.7	1.3	264.
4.6	24.8	2045.1	800.0	18.9	5.9	81.2	4.5	-4.5	-0.7	311.3	332.3	7.3	42.8	1.6	263.
5.7	27.0	2336.7	775.0	16.8	2.2	79.4	4.9	-4.8	-0.9	311.8	328.8	5.8	37.5	2.0	262.
7.0	29.6	2614.8	750.0	13.5	2.7	80.3	5.6	-5.5	-0.9	311.3	329.3	6.2	47.8	2.4	262.
8.0	32.2	2999.2	725.0	11.1	-0.1	88.3	5.2	-5.2	-0.2	311.7	327.1	5.3	45.9	2.7	262.
8.8	34.9	3190.9	700.0	8.6	-5.9	94.9	4.3	-4.2	0.4	312.0	322.6	3.5	35.4	2.9	263.
9.9	37.3	3490.7	675.0	6.8	-10.7	115.2	3.6	-3.2	1.5	313.3	321.0	2.5	27.3	3.1	265.
10.9	40.1	3799.4	650.0	5.0	-11.9	142.4	3.0	-1.8	2.4	314.6	321.9	2.4	28.1	3.3	267.
12.1	42.6	4119.0	625.0	3.0	-6.0	171.9	2.2	-0.3	2.2	315.9	327.7	3.9	51.4	3.4	270.
13.3	45.4	4448.0	600.0	0.2	-9.1	158.7	1.8	-0.7	1.7	316.3	326.2	3.2	49.9	3.3	273.
14.4	48.4	4747.5	575.0	-2.6	-24.4	111.6	1.5	-1.4	0.6	317.0	320.1	0.9	16.8	3.5	274.
15.9	51.1	5135.4	550.0	-4.5	-32.8	116.9	1.8	-1.6	0.8	318.8	320.3	0.4	8.8	3.6	275.
17.3	54.1	5503.7	525.0	-6.5	-24.7	113.6	3.0	-2.8	1.2	320.6	323.9	1.0	21.9	3.8	275.
18.7	57.0	5883.6	500.0	-7.9	-31.4	126.7	5.0	-4.0	3.0	323.4	325.3	0.5	13.0	4.1	277.
20.0	60.3	6240.6	475.0	-10.0	-35.4	136.2	6.2	-4.3	4.5	325.6	327.0	0.4	10.3	4.5	280.
21.5	63.5	6696.1	450.0	-12.4	-36.7	144.6	7.6	-4.4	6.2	327.6	328.9	0.4	11.0	4.9	285.
23.0	66.6	7130.3	425.0	-15.3	-40.4	142.2	7.3	-4.5	5.7	329.4	330.3	0.3	5.5	5.5	290.
24.6	70.1	7584.9	400.0	-19.0	-42.6	135.7	6.4	-4.5	4.6	330.4	331.2	0.2	10.2	6.0	293.
26.3	73.4	8062.2	375.0	-22.5	-44.2	134.7	6.3	-4.5	4.5	331.8	332.5	0.2	11.8	6.7	295.
28.1	77.2	8564.1	350.0	-26.9	-43.9	139.9	4.1	-2.6	3.1	332.5	333.3	0.2	18.1	7.3	297.
30.1	80.9	9094.5	325.0	-30.7	-48.4	90.4	3.0	-3.0	0.0	334.3	334.9	0.1	15.7	7.5	296.
32.1	85.0	9658.2	300.0	-34.7	-49.8	115.2	3.5	-3.1	1.5	336.4	336.9	0.1	15.7	8.0	296.
34.0	89.0	10259.1	275.0	-40.1	99.9	180.9	2.1	0.0	2.1	337.2	999.9	99.9	999.9	8.2	257.
36.2	93.6	10902.9	250.0	-45.4	99.9	184.6	3.0	0.2	3.0	338.7	999.9	99.9	999.9	8.3	299.
38.6	98.2	11596.5	225.0	-51.7	99.9	163.1	3.8	-1.1	3.6	339.3	999.9	99.9	999.9	8.5	302.
40.9	103.2	12350.1	200.0	-57.8	99.9	187.1	4.1	0.5	4.1	341.2	999.9	99.9	999.9	8.9	304.
43.8	109.0	13187.6	175.0	-60.0	99.9	222.9	4.9	3.3	3.6	350.9	999.9	99.9	999.9	9.3	308.
47.1	115.0	14152.2	150.0	-59.1	99.9	246.1	7.3	6.6	2.9	368.3	999.9	99.9	999.9	8.8	317.
50.9	121.8	15244.9	125.0	-63.7	99.9	264.4	6.0	5.9	0.6	379.6	999.9	99.9	999.9	8.2	325.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
PCST, TEXAS

7 JUNE 1977  
2100 GMT

124 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	771.0	930.6	30.3	20.5	90.0	3.7	-3.7	0.0	309.8	355.4	16.6	56.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.1	13.3	825.1	925.0	29.4	17.8	99.9	99.9	99.9	99.9	309.4	348.7	14.3	50.1	999.9	999.9
0.9	15.6	1069.6	900.0	26.1	13.6	999.9	99.9	99.9	99.9	308.5	339.0	11.0	45.9	999.9	999.9
1.4	18.1	1318.3	875.0	22.7	11.9	999.9	99.9	99.9	99.9	307.3	335.3	10.1	50.5	999.9	999.9
2.1	20.5	1567.1	850.0	20.3	10.8	999.9	99.9	99.9	99.9	307.4	334.3	9.6	54.3	999.9	999.9
3.0	23.0	1823.6	825.0	17.1	9.4	112.8	5.0	-4.6	1.9	306.7	331.9	9.0	60.2	0.9	285.0
4.2	25.5	2089.7	800.0	15.4	7.0	107.2	1.5	-1.4	0.4	307.6	329.9	7.9	57.4	1.2	289.0
5.2	28.0	2354.8	775.0	14.3	4.9	351.7	0.8	0.1	-0.8	309.2	329.3	7.0	52.9	1.2	286.0
6.3	30.7	2631.2	750.0	12.2	4.3	25.9	2.3	-1.0	-2.1	309.9	329.9	7.0	58.6	1.2	282.0
7.6	33.5	2914.2	725.0	9.3	2.5	37.9	2.4	-1.5	-1.9	309.7	327.9	6.3	62.2	1.3	275.0
8.9	36.1	3204.6	700.0	7.7	0.3	44.0	3.0	-2.1	-2.2	311.0	327.4	5.6	55.8	1.4	267.0
10.1	38.9	3503.6	675.0	6.1	-3.0	36.8	2.3	-1.4	-1.8	312.4	325.9	4.5	52.1	1.6	263.0
11.3	41.6	3812.1	650.0	3.9	-2.9	76.7	2.0	-1.2	-1.6	313.4	327.5	4.8	61.0	1.7	258.0
12.5	44.5	4129.7	625.0	1.4	-3.9	62.3	1.4	-1.3	-0.7	314.0	327.7	4.6	67.7	1.8	256.0
13.7	47.5	4457.8	600.0	-0.6	-8.3	101.5	1.3	-1.3	0.3	315.4	325.8	3.4	56.0	1.9	257.0
15.2	50.5	4797.1	575.0	-2.3	-11.4	84.9	0.8	-0.8	-0.1	317.3	326.0	2.8	49.9	1.9	258.0
16.8	53.5	5149.3	550.0	-3.9	-17.7	67.5	2.4	-2.3	-0.9	319.6	325.2	1.7	33.0	2.1	258.0
18.3	56.5	5519.2	525.0	-6.1	-18.7	89.1	3.0	-3.0	-0.0	321.1	326.5	1.7	36.0	2.3	257.0
19.9	59.8	5899.7	500.0	-8.2	-19.9	123.5	4.6	-3.8	2.6	323.0	328.6	1.7	41.9	2.7	261.0
21.6	63.3	6291.9	475.0	-11.0	-21.4	124.4	5.5	-4.5	3.1	324.4	329.2	1.5	41.7	3.0	269.0
23.4	66.5	6709.1	450.0	-14.3	-22.4	107.0	5.4	-5.2	1.6	325.3	330.0	1.4	49.9	3.6	272.0
25.4	70.1	7135.6	425.0	-17.8	-27.1	125.2	6.5	-5.3	3.8	326.1	329.4	1.0	43.8	4.2	276.0
27.3	73.6	7584.6	400.0	-20.7	-35.3	143.6	6.5	-3.9	5.2	328.1	329.7	0.5	25.8	4.9	282.0
29.3	77.5	8060.6	375.0	-24.5	-33.5	128.9	6.0	-4.7	3.8	329.1	331.2	0.6	42.8	5.5	287.0
31.4	81.3	8558.4	350.0	-28.8	-37.6	129.4	6.7	-5.1	4.2	330.0	331.5	0.4	42.0	6.2	289.0
33.5	85.4	9044.5	325.0	-33.1	-40.8	121.0	7.0	-6.0	3.6	331.1	332.3	0.3	45.2	7.0	291.0
35.6	89.7	9542.0	300.0	-37.7	-46.5	101.9	5.8	-5.7	1.2	332.2	333.0	0.2	38.8	7.9	291.0
37.9	94.3	10235.0	275.0	-43.2	-49.9	122.8	5.4	-4.6	2.9	332.6	999.9	99.9	999.9	8.5	291.0
40.7	99.0	10870.1	250.0	-48.0	-49.9	122.4	6.4	-5.4	3.4	334.7	999.9	99.9	999.9	9.5	292.0
43.4	103.9	11553.6	225.0	-54.7	-49.9	140.5	6.2	-4.0	4.8	334.6	999.9	99.9	999.9	10.4	294.0
46.5	109.3	12299.8	200.0	-59.2	-49.9	159.7	5.5	-1.9	5.2	339.0	999.9	99.9	999.9	11.5	297.0
49.8	115.0	13137.7	175.0	-60.4	-49.9	247.2	3.6	3.3	1.4	350.3	999.9	99.9	999.9	11.7	300.0
53.7	121.5	14090.8	150.0	-61.7	-49.9	254.5	9.8	9.4	2.6	363.8	999.9	99.9	999.9	10.9	304.0
58.0	128.5	15207.9	125.0	-66.3	-49.9	301.3	12.1	10.4	-6.3	374.9	999.9	99.9	999.9	8.3	313.0
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

7 JUNE 1977  
2100 GMT

127 92. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	585.0	947.2	31.7	18.3	100.0	3.1	-3.1	0.5	309.6	348.7	14.2	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	14.5	796.3	925.0	28.1	11.2	81.7	4.9	-4.9	-0.7	308.1	334.5	9.5	36.4	0.2	263.
1.3	16.6	1038.6	900.0	25.8	11.2	66.4	5.3	-4.8	-2.1	308.1	334.2	9.3	40.2	0.4	260.
2.0	19.0	1285.5	875.0	23.6	11.0	56.2	6.8	-5.7	-3.8	308.3	334.8	9.5	45.1	0.7	251.
2.9	21.3	1577.7	850.0	21.0	10.4	41.6	4.8	-3.2	-3.6	308.1	334.4	9.4	50.9	1.0	243.
3.6	23.8	1795.1	825.0	18.2	9.7	47.1	4.0	-3.0	-2.7	307.9	333.7	9.2	57.5	1.1	241.
4.4	26.1	2059.2	800.0	16.0	8.8	31.5	5.2	-2.7	-4.4	308.3	333.3	8.9	62.0	1.4	237.
5.2	28.7	2327.8	775.0	14.8	5.5	17.8	2.6	-0.8	-2.5	309.7	330.6	7.3	53.8	1.5	233.
6.1	31.3	2604.1	750.0	12.2	3.4	37.3	2.2	-1.3	-1.7	309.9	328.7	6.6	54.9	1.6	232.
6.9	34.0	2897.2	725.0	9.5	2.2	44.1	2.5	-1.8	-1.8	309.9	327.8	6.2	60.2	1.7	231.
7.9	36.6	3177.8	700.0	7.6	1.3	61.6	2.9	-2.6	-1.4	311.0	328.4	6.0	64.2	1.9	230.
8.8	39.3	3476.8	675.0	5.8	-2.9	80.4	2.7	-2.7	-0.5	312.2	325.9	4.6	54.1	2.0	233.
9.9	41.9	3784.9	650.0	3.9	-10.2	90.9	2.6	-2.6	0.0	313.4	321.7	2.7	34.9	2.2	235.
10.9	44.9	4102.4	625.0	1.5	-12.6	103.7	3.7	-3.6	0.9	314.2	321.4	2.3	34.0	2.3	238.
12.1	47.8	4430.4	600.0	-0.0	-15.8	101.6	4.5	-4.4	0.9	316.1	322.0	1.9	29.3	2.5	243.
13.3	50.6	4770.2	575.0	-1.9	-20.9	105.6	5.1	-4.9	1.4	317.8	321.9	1.3	22.0	2.8	247.
14.5	53.6	5122.6	550.0	-3.6	-22.3	110.1	5.5	-5.2	1.9	319.8	323.7	1.2	21.7	3.1	252.
15.6	56.6	5488.3	525.0	-6.1	-25.7	108.1	5.9	-5.6	1.8	321.1	324.1	0.9	19.3	3.4	256.
16.8	59.9	5849.4	500.0	-8.4	-24.2	113.7	5.7	-5.3	2.3	322.8	326.4	1.1	26.5	3.8	259.
18.2	53.3	6264.0	475.0	-11.4	-28.6	129.8	4.3	-3.7	3.0	323.9	326.5	0.8	22.9	4.1	264.
19.6	66.4	6676.9	450.0	-13.8	-29.7	135.3	4.9	-3.4	3.5	325.9	328.4	0.7	24.5	4.4	267.
20.9	70.0	7108.3	425.0	-16.9	-26.9	134.7	5.8	-4.1	4.1	327.3	330.7	1.0	41.3	4.7	272.
22.4	73.5	7560.5	400.0	-20.6	-28.1	123.7	7.4	-6.1	4.1	328.2	331.5	0.9	51.0	5.1	275.
23.9	77.3	8074.9	375.0	-23.9	-35.6	127.3	6.3	-5.0	3.8	329.9	331.7	0.5	33.1	5.7	279.
25.8	81.2	8574.9	350.0	-27.7	-45.4	145.9	5.8	-3.2	4.8	331.4	332.1	0.2	16.4	6.2	282.
27.6	85.3	9063.4	325.0	-31.7	-48.0	132.4	5.8	-4.3	3.9	333.0	333.6	0.1	17.9	6.7	286.
29.5	89.4	9623.5	300.0	-36.4	-50.5	110.7	6.6	-6.2	2.3	334.1	334.6	0.1	21.3	7.4	287.
31.7	94.0	10219.8	275.0	-42.0	99.9	127.2	5.9	-4.7	3.5	334.4	999.9	99.9	999.9	8.2	288.
34.0	99.6	10859.1	250.0	-47.3	99.9	116.9	5.3	-4.7	2.4	335.8	999.9	99.9	999.9	8.9	289.
36.6	103.6	11546.4	225.0	-53.2	99.9	115.6	5.4	-4.9	2.3	336.9	999.9	99.9	999.9	9.9	290.
39.4	109.2	12296.9	200.0	-58.0	99.9	179.4	1.5	-0.0	1.5	340.9	999.9	99.9	999.9	10.2	290.
42.4	114.8	13130.7	175.0	-60.9	99.9	255.9	5.3	5.1	1.3	349.4	999.9	99.9	999.9	9.9	292.
45.9	121.3	14092.4	150.0	-60.8	99.9	280.2	6.8	6.7	-1.2	365.3	999.9	99.9	999.9	8.7	296.
50.2	129.3	15217.2	125.0	-65.1	99.9	261.6	9.5	9.8	1.4	377.2	999.9	99.9	999.9	7.0	306.
55.1	135.7	16552.6	100.0	-70.9	99.9	345.8	11.0	2.7	-10.6	390.7	999.9	99.9	999.9	4.3	311.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

7 JUNE 1977  
2100 GMT

122 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.8	781.0	925.3	30.8	12.2	100.0	5.2	-5.1	0.9	310.8	338.2	9.7	32.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	11.8	783.9	925.0	30.7*	99.9	999.9	99.9	99.9	99.9	310.7	339.9	99.9	999.9	999.9	999.
0.9	13.9	1026.4	900.0	27.4*	99.9	999.9	99.9	99.9	99.9	309.8	339.9	99.9	999.9	999.9	999.
1.9	15.9	1277.2	875.0	23.3*	99.9	999.9	99.9	99.9	99.9	308.0	339.9	9.9	999.9	999.9	999.
3.2	18.2	1525.4	950.0	21.4	9.4	77.2	3.8	-3.7	-0.8	308.5	333.2	8.8	46.5	0.8	254.
4.4	20.4	1783.6	825.0	19.4	9.3	81.6	3.7	-3.6	-0.5	309.1	334.4	9.0	52.2	1.1	255.
5.6	22.6	2047.3	800.0	16.6	8.2	83.2	3.1	-3.1	-0.4	308.9	333.0	8.6	57.4	1.3	257.
6.4	25.1	2316.8	775.0	14.2	6.5	75.4	1.7	-1.7	-0.4	309.1	331.5	7.9	59.9	1.5	257.
7.5	27.3	2592.9	750.0	11.9	4.6	1.8	1.2	-0.0	-1.2	309.5	329.8	7.1	60.8	1.5	256.
8.6	29.9	2876.0	725.0	9.8	2.6	96.3	2.4	-2.4	0.3	310.2	328.7	6.4	61.1	1.6	255.
9.8	32.6	3165.6	700.0	7.3	-0.6	97.1	3.2	-3.2	0.4	310.6	325.9	5.3	57.1	1.8	258.
10.8	35.2	3465.7	675.0	6.6	-6.0	79.8	3.8	-3.7	-0.7	313.1	324.0	3.6	40.0	2.0	259.
11.9	37.8	3774.2	650.0	3.9	-7.2	78.9	4.1	-4.0	-0.8	313.4	323.8	3.4	43.9	2.3	258.
13.0	40.5	4091.7	625.0	1.6	-10.7	94.3	4.5	-4.5	0.3	314.3	322.7	2.7	39.8	2.5	259.
14.3	43.3	4419.4	600.0	-0.1	-15.1	102.4	6.1	-6.0	1.3	316.0	322.3	2.0	31.3	2.9	262.
15.5	46.3	4759.0	575.0	-1.6	-20.4	114.2	5.5	-5.2	2.3	318.1	322.3	1.3	22.3	3.3	265.
16.6	49.4	5111.7	550.0	-3.7	-25.5	129.1	6.5	-5.0	4.1	319.7	322.6	0.9	16.5	3.7	269.
17.7	52.3	5477.2	525.0	-6.0	-29.2	124.5	5.5	-4.6	3.2	321.2	323.5	0.6	13.8	4.0	273.
19.1	55.5	5857.8	500.0	-8.6	-32.7	119.6	5.9	-5.1	2.9	322.6	324.3	0.5	12.1	4.4	276.
20.3	58.9	6253.3	475.0	-11.2	-32.9	122.1	8.3	-7.1	4.4	324.1	325.8	0.5	14.6	4.9	278.
21.7	62.4	6666.4	450.0	-13.6	-37.7	136.0	7.2	-5.0	5.2	326.1	327.3	0.3	11.0	5.5	281.
23.1	65.9	7099.1	425.0	-16.0	-25.9	144.1	9.2	-4.8	6.6	328.5	332.2	1.1	42.1	5.9	286.
24.7	69.7	7553.6	400.0	-18.7	-30.5	145.4	9.6	-5.4	7.9	330.7	333.4	0.7	34.3	6.6	290.
26.2	73.5	8070.8	375.0	-22.8	-32.2	141.0	8.1	-5.1	6.3	331.4	333.8	0.7	41.7	7.4	294.
27.8	77.8	8572.4	350.0	-26.9	-43.6	135.1	7.9	-5.6	5.6	332.5	333.3	0.2	18.7	8.0	296.
29.3	81.8	9062.8	325.0	-30.7	-46.3	140.2	7.4	-4.7	5.7	334.4	335.1	0.2	19.6	8.7	298.
31.1	86.3	9526.1	300.0	-35.2	-49.3	130.6	8.4	-6.3	5.4	335.8	336.4	0.1	21.7	9.4	299.
33.0	91.2	10227.0	275.0	-39.7	99.9	132.4	6.7	-4.9	4.5	337.7	999.9	99.9	999.9	10.4	300.
35.4	95.0	10870.9	250.0	-45.5	99.9	120.7	5.5	-4.7	2.8	338.4	999.9	99.9	999.9	11.0	301.
37.8	101.0	11546.4	225.0	-50.9	99.9	356.1	1.7	0.1	-1.7	340.6	999.9	99.9	999.9	11.8	301.
40.1	106.8	12223.8	200.0	-56.4	99.9	303.0	1.1	0.9	-0.6	343.4	999.9	99.9	999.9	11.3	300.
42.7	112.5	13154.3	175.0	-58.7	99.9	261.2	5.3	5.2	0.8	353.0	999.9	99.9	999.9	10.8	302.
45.6	118.8	14135.0	150.0	-59.0	99.9	256.0	2.5	2.5	0.6	368.4	999.9	99.9	999.9	10.5	304.
48.9	125.3	15248.0	125.0	-62.2	99.9	274.8	14.3	14.2	-1.2	382.3	999.9	99.9	999.9	8.7	313.
53.0	132.0	16626.1	100.0	-68.6	99.9	999.9	99.9	99.9	99.9	395.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

8 JUNE 1977  
0 GMT

118 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	877.0	914.3	32.8	7.6	70.0	5.3	-5.0	-1.8	313.9	334.8	7.2	21.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	14.5	1013.7	900.0	28.2	8.9	149.0	8.6	-4.5	7.4	310.6	333.4	8.0	25.8	0.2	250.
1.2	15.4	1262.7	875.0	26.2	8.2	121.8	6.4	-5.4	3.3	311.0	333.4	7.9	32.1	0.4	294.
2.0	18.7	1517.0	850.0	24.0	6.5	103.0	5.6	-5.4	1.2	311.3	332.0	7.2	32.6	0.7	291.
3.1	20.8	1776.8	825.0	21.3	6.2	94.1	6.0	-6.0	0.4	311.1	331.9	7.2	37.4	1.0	286.
4.3	23.1	2041.8	800.0	18.5	5.0	96.3	5.9	-5.9	0.7	310.9	330.6	6.9	41.0	1.5	282.
5.6	25.4	2313.0	775.0	16.3	4.3	99.0	5.4	-5.4	0.9	311.3	330.7	6.7	44.8	1.9	281.
6.6	27.6	2591.1	750.0	14.0	3.3	97.7	6.3	-6.3	0.8	311.8	330.6	6.5	48.3	2.3	281.
7.6	30.1	2876.0	725.0	11.5	2.6	101.0	4.7	-4.6	0.9	312.1	330.7	6.4	54.4	2.6	281.
8.9	32.6	3168.4	700.0	8.9	0.4	104.7	5.7	-5.5	1.5	312.3	328.9	5.7	55.3	3.0	281.
10.1	35.2	3468.2	675.0	5.9	-0.0	116.2	5.1	-4.6	2.3	312.3	328.9	5.7	65.6	3.4	282.
11.1	37.6	3776.4	650.0	3.2	0.1	124.8	3.5	-2.9	2.0	312.6	330.0	6.0	80.4	3.7	284.
12.3	40.3	4093.3	625.0	0.5	-3.6	117.7	2.0	-1.8	0.9	313.1	327.0	4.7	73.6	3.8	284.
13.5	42.9	4420.0	600.0	-1.5	-10.0	119.4	1.6	-1.4	0.8	314.4	323.6	3.0	52.3	4.0	285.
14.7	45.9	4758.6	575.0	-2.7	-22.0	117.2	2.6	-2.3	1.2	316.9	320.6	1.1	20.7	4.1	285.
15.9	48.7	5109.6	550.0	-4.6	-26.8	104.8	4.8	-4.7	1.2	318.6	321.2	0.8	15.6	4.3	286.
17.3	51.5	5474.4	525.0	-6.7	-25.2	89.6	5.1	-5.1	-0.0	320.4	323.6	0.9	21.2	4.8	285.
18.8	54.6	5857.6	500.0	-9.2	-28.4	93.8	7.5	-7.5	0.5	321.9	324.4	0.7	19.1	5.3	283.
20.3	57.5	6249.0	475.0	-10.9	-31.0	999.9	99.9	99.9	99.9	324.5	326.6	0.6	17.2	999.9	999.
21.9	60.9	6652.1	450.0	-13.8	-33.1	999.9	99.9	99.9	99.9	325.9	327.7	0.5	17.6	999.9	999.
23.5	64.3	7094.4	425.0	-16.6	-35.2	143.9	4.4	-2.6	3.6	327.7	329.3	0.4	18.0	6.7	290.
25.1	67.6	7547.6	400.0	-19.1	-37.9	129.1	3.3	-2.6	2.1	330.1	331.4	0.4	17.0	7.0	291.
26.8	71.0	8027.9	375.0	-23.0	-41.0	127.9	3.0	-2.4	1.8	331.1	332.1	0.3	17.3	7.4	291.
28.7	75.0	8524.6	350.0	-27.8	-43.5	115.7	3.4	-3.0	1.5	331.3	332.1	0.2	20.5	7.7	292.
30.7	79.0	9052.9	325.0	-31.7	-46.8	114.3	2.3	-2.1	1.0	332.9	333.6	0.2	20.7	8.1	292.
32.9	83.1	9514.4	300.0	-36.1	-50.1	204.8	1.2	0.5	1.1	334.5	335.0	0.1	22.0	8.2	293.
34.9	87.3	10211.9	275.0	-41.3	99.9	259.3	2.6	2.5	0.5	335.3	999.9	99.9	999.9	8.1	294.
37.0	92.0	10851.5	250.0	-46.7	99.9	999.9	99.9	99.9	99.9	336.7	999.9	99.9	999.9	999.9	999.
39.4	97.0	11541.6	225.0	-52.6	99.9	999.9	99.9	99.9	99.9	337.9	999.9	99.9	999.9	999.9	999.
42.1	102.2	12292.9	200.0	-58.5	99.9	201.8	5.1	1.9	4.7	340.1	999.9	99.9	999.9	7.6	301.
44.8	108.3	13127.5	175.0	-60.0	99.9	238.9	6.0	5.2	3.1	350.9	999.9	99.9	999.9	7.9	306.
48.1	114.7	14096.0	150.0	-60.9	99.9	275.1	5.0	5.0	-0.4	365.1	999.9	99.9	999.9	7.1	316.
52.0	121.7	15209.1	125.0	-64.9	99.9	285.1	5.6	5.4	-1.5	377.5	999.9	99.9	999.9	6.1	320.
56.7	130.0	16549.3	100.0	-69.6	99.9	999.9	99.9	99.9	99.9	393.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
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STATION NO. 330  
 POST, TEXAS

8 JUNE 1977  
 0 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	771.0	929.5	29.7	14.3	999.9	99.9	99.9	99.9	309.4	340.3	11.1	39.0	999.9	999.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.1	12.7	804.7	925.0	28.7	12.9	999.9	99.9	99.9	99.9	309.6	337.2	10.2	38.0	999.9	999.
0.9	15.0	1047.1	909.0	26.3	11.5	999.9	99.9	99.9	99.9	308.6	335.3	9.5	36.8	999.9	999.
2.1	17.7	1297.9	875.0	22.9	10.6	999.9	99.9	99.9	99.9	307.6	333.4	9.2	45.8	999.9	999.
3.1	20.1	1545.5	850.0	20.1	9.3	999.9	99.9	99.9	99.9	307.2	331.6	8.7	45.9	999.9	999.
4.3	22.8	1802.3	825.0	17.8	8.5	999.9	99.9	99.9	99.9	307.4	331.1	8.5	54.5	999.9	999.
5.1	25.2	2054.7	800.0	15.5	7.3	999.9	99.9	99.9	99.9	307.7	330.3	8.0	57.9	999.9	999.
6.2	28.0	2337.2	775.0	13.9	5.3	999.9	99.9	99.9	99.9	308.7	329.3	7.2	56.1	999.9	999.
7.2	30.8	2609.2	750.0	12.0	3.8	999.9	99.9	99.9	99.9	309.6	328.9	6.7	57.0	999.9	999.
9.2	33.6	2892.4	725.0	9.9	2.7	999.9	99.9	99.9	99.9	310.3	328.9	6.4	60.8	999.9	999.
9.4	36.3	3183.2	700.0	7.5	-0.8	999.9	99.9	99.9	99.9	310.9	326.1	5.2	55.7	999.9	999.
10.5	39.2	3492.5	675.0	6.6	-1.7	999.9	99.9	99.9	99.9	313.1	327.9	5.0	55.4	999.9	999.
11.6	42.0	3791.6	650.0	4.6	-3.3	999.9	99.9	99.9	99.9	314.2	328.0	4.6	56.6	999.9	999.
12.7	45.1	4110.0	625.0	2.0	-5.2	999.9	99.9	99.9	99.9	314.7	326.7	4.0	56.2	999.9	999.
14.0	48.3	4439.2	600.0	-0.6	-8.9	999.9	99.9	99.9	99.9	315.5	325.5	3.3	53.6	999.9	999.
15.1	51.1	4777.1	575.0	-2.5	-10.7	999.9	99.9	99.9	99.9	317.1	326.3	3.0	53.2	999.9	999.
16.3	54.3	5129.6	550.0	-4.7	-16.0	999.9	99.9	99.9	99.9	318.6	325.0	2.0	40.8	999.9	999.
17.6	57.6	5493.2	525.0	-7.0	-20.7	999.9	99.9	99.9	99.9	320.0	324.7	1.4	33.7	999.9	999.
19.0	61.0	5872.2	500.0	-9.3	-23.2	999.9	99.9	99.9	99.9	321.7	325.6	1.2	31.1	999.9	999.
20.4	64.4	6267.1	475.0	-11.9	-30.6	999.9	99.9	99.9	99.9	323.4	325.6	0.6	19.1	999.9	999.
22.0	67.9	6678.8	450.0	-14.7	-33.3	999.9	99.9	99.9	99.9	324.7	326.5	0.5	18.8	999.9	999.
23.5	71.3	7109.0	425.0	-17.7	-35.5	999.9	99.9	99.9	99.9	325.2	327.8	0.4	19.4	999.9	999.
25.4	75.2	7559.7	400.0	-21.1	-37.6	999.9	99.9	99.9	99.9	327.6	328.9	0.4	21.0	999.9	999.
27.0	79.1	8022.6	375.0	-25.2	-39.5	999.9	99.9	99.9	99.9	328.2	329.4	0.3	24.9	999.9	999.
29.0	83.0	8529.1	350.0	-29.7	-35.5	999.9	99.9	99.9	99.9	328.8	330.6	0.5	56.4	999.9	999.
31.1	87.0	9057.0	325.0	-33.3	-40.5	999.9	99.9	99.9	99.9	330.8	332.0	0.3	46.1	999.9	999.
33.3	91.4	9609.5	300.0	-38.1	-48.1	999.9	99.9	99.9	99.9	331.7	332.3	0.2	33.4	999.9	999.
35.7	96.0	10202.2	275.0	-43.0	99.9	999.9	99.9	99.9	99.9	332.9	999.9	99.9	999.9	999.9	999.
38.5	100.8	10837.8	250.0	-48.6	99.9	999.9	99.9	99.9	99.9	333.8	999.9	99.9	999.9	999.9	999.
41.4	106.0	11521.6	225.0	-54.4	99.9	999.9	99.9	99.9	99.9	335.2	999.9	99.9	999.9	999.9	999.
44.3	111.3	12266.9	200.0	-59.9	99.9	999.9	99.9	99.9	99.9	337.9	999.9	99.9	999.9	999.9	999.
47.8	117.3	13096.8	175.0	-62.2	99.9	999.9	99.9	99.9	99.9	347.2	999.9	99.9	999.9	999.9	999.
51.7	123.8	14044.4	150.0	-64.4	99.9	999.9	99.9	99.9	99.9	359.2	999.9	99.9	999.9	999.9	999.
56.3	130.3	15152.7	125.0	-67.4	99.9	999.9	99.9	99.9	99.9	372.9	999.9	99.9	999.9	999.9	999.
61.7	137.7	16481.3	100.0	-71.3	99.9	999.9	99.9	99.9	99.9	390.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
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STATION NO. 440  
ROBERT LEE, TEXAS

8 JUNE 1977  
1 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	585.0	945.5	31.0	14.2	100.0	5.1	-5.0	0.9	309.1	339.3	10.8	36.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	13.1	780.6	925.0	28.5	10.4	80.1	5.0	-5.0	-0.9	308.4	332.7	8.6	32.5	0.3	261.
1.9	15.4	1023.0	900.0	25.8	10.2	84.9	5.1	-5.1	-0.5	308.1	332.7	8.8	37.6	0.6	261.
2.8	17.5	1269.8	875.0	23.3	9.8	83.3	5.2	-5.2	-0.6	308.0	332.5	8.7	42.3	0.9	262.
3.9	19.9	1521.8	850.0	21.1	9.6	99.0	4.0	-3.9	0.6	308.2	333.1	8.9	47.8	1.2	264.
4.9	22.1	1779.0	825.0	18.3	8.2	103.6	4.1	-4.0	1.0	307.9	331.3	8.3	51.7	1.4	268.
5.9	24.5	2042.0	800.0	15.9	7.2	87.3	3.0	-3.0	-0.1	308.1	330.8	8.0	56.2	1.7	268.
6.9	26.8	2311.1	775.0	14.2	5.1	71.2	1.0	-0.9	-0.3	309.1	329.5	7.1	54.0	1.7	268.
8.0	29.3	2587.1	750.0	11.8	3.6	60.0	2.3	-2.0	-1.2	309.4	328.5	6.7	57.2	1.8	266.
9.0	31.3	2849.8	725.0	9.3	2.9	60.5	2.7	-2.3	-1.3	309.7	328.5	6.5	64.2	2.0	264.
10.1	34.4	3140.4	700.0	7.7	0.3	72.6	2.6	-2.5	-0.8	311.1	327.4	5.6	59.3	2.1	263.
11.2	36.9	3440.0	675.0	6.3	-5.8	83.0	2.7	-2.7	-0.3	312.7	323.8	3.7	41.7	2.3	263.
12.3	39.6	3748.0	650.0	3.5	-9.4	81.1	3.1	-3.1	-0.5	312.9	321.8	2.9	38.3	2.5	263.
13.5	42.1	4045.3	625.0	2.2	-13.2	88.0	3.9	-3.9	-0.1	315.0	321.9	2.2	31.1	2.8	262.
14.8	44.9	4413.8	600.0	-0.3	-9.0	103.5	4.1	-4.0	0.9	315.8	325.7	3.2	51.5	3.1	264.
16.2	47.9	4753.3	575.0	-1.9	-21.2	111.7	4.0	-3.7	1.5	317.8	321.8	1.2	21.1	3.4	266.
17.7	50.7	5105.3	550.0	-4.1	-22.8	125.3	4.0	-3.3	2.3	319.2	322.9	1.1	21.6	3.7	269.
19.2	53.6	5470.3	525.0	-6.8	-23.9	131.8	4.1	-3.0	2.7	320.3	323.7	1.0	24.0	4.0	273.
20.5	56.5	5849.4	500.0	-9.1	-21.8	115.1	4.3	-3.9	1.8	321.9	326.3	1.3	34.8	4.3	275.
22.1	59.6	6244.2	475.0	-12.0	-27.7	91.3	5.1	-5.1	0.1	323.1	325.9	0.8	25.8	4.7	276.
23.7	62.9	6655.8	450.0	-15.0	-21.4	86.1	5.7	-5.7	-0.4	324.4	329.5	1.5	57.6	5.2	275.
25.6	66.1	7086.1	425.0	-17.5	-30.1	111.3	4.9	-4.5	1.8	326.6	329.1	0.7	32.4	5.7	275.
27.3	69.6	7538.0	400.0	-20.0	-34.7	109.7	6.5	-6.1	2.2	329.0	330.7	0.5	25.4	6.3	276.
29.2	73.0	8012.6	375.0	-23.9	-43.8	105.3	4.1	-4.0	1.1	329.9	330.7	0.2	13.9	7.0	278.
31.0	76.7	8512.5	350.0	-27.8	-47.1	121.9	2.5	-2.2	1.3	331.3	331.9	0.2	13.7	7.3	278.
33.3	80.5	9039.8	325.0	-32.8	-49.6	117.6	3.5	-3.1	1.6	331.5	332.0	0.1	16.7	7.6	280.
35.5	84.4	9599.2	300.0	-37.3	-51.9	119.4	4.5	-3.9	2.2	332.8	333.2	0.1	19.8	8.2	281.
37.8	89.5	10192.5	275.0	-42.7	99.9	123.0	3.5	-2.9	1.9	333.3	999.9	99.9	999.9	8.7	282.
40.3	93.0	10828.1	250.0	-48.0	99.9	119.7	3.8	-3.3	1.9	334.7	999.9	99.9	999.9	9.2	283.
43.0	97.6	11515.1	225.0	-53.2	99.9	185.8	1.6	0.2	1.6	336.9	999.9	99.9	999.9	9.7	285.
45.9	102.6	12254.5	200.0	-58.4	99.9	280.5	3.7	3.7	-0.7	340.3	999.9	99.9	999.9	9.2	285.
49.1	108.3	13099.6	175.0	-60.2	99.9	287.9	8.2	7.9	-2.5	350.5	999.9	99.9	999.9	8.1	288.
53.0	114.3	14053.5	150.0	-62.8	99.9	288.8	7.4	7.0	-2.4	361.9	999.9	99.9	999.9	6.0	288.
57.3	120.8	15149.0	125.0	-65.5	99.9	295.2	9.0	8.2	-3.8	376.4	999.9	99.9	999.9	4.1	284.
62.3	129.3	16506.9	100.0	-70.5	99.9	0.1	6.1	-0.0	-6.1	391.6	999.9	99.9	999.9	2.7	244.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JUNE 1977  
0 GMT

116 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM W-HOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	781.0	524.1	30.6	11.1	100.0	5.2	-5.1	0.9	310.7	336.2	9.0	30.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	14.7	1014.2	500.0	26.5	13.0	99.9	99.9	99.9	99.9	308.8	338.2	10.5	43.3	99.9	99.9
1.2	15.7	1264.2	875.0	24.9	12.4	99.9	99.9	99.9	99.9	309.6	338.7	10.4	45.8	99.9	99.9
2.0	19.5	1517.7	850.0	22.3	11.2	99.8	9.2	-9.1	1.6	309.5	337.3	9.9	49.5	1.3	290.
2.9	20.6	1774.6	825.0	20.1	10.1	94.5	7.9	-7.9	0.6	309.9	336.6	9.5	52.5	1.8	286.
3.9	21.8	2041.1	800.0	17.3	8.7	98.7	7.4	-7.3	1.1	309.6	334.7	8.9	56.8	2.2	284.
5.1	25.2	2311.5	775.0	15.0	7.1	96.4	5.2	-5.1	0.6	309.9	333.2	8.2	55.2	2.6	283.
5.1	27.4	2590.0	750.0	13.5	5.5	121.7	3.5	-3.0	1.8	311.2	333.0	7.6	58.2	2.9	283.
7.1	29.8	2873.7	725.0	11.4	1.5	152.3	2.5	-1.2	2.3	311.9	329.2	5.9	50.7	3.0	285.
9.1	32.3	3166.2	700.0	9.9	-3.5	125.9	3.5	-2.8	2.0	313.4	326.1	4.2	36.7	3.1	287.
9.1	34.9	3455.8	675.0	7.0	-5.5	122.3	3.4	-2.9	1.8	313.5	324.8	3.8	40.3	3.4	288.
10.2	37.3	3774.1	650.0	4.9	-8.5	137.9	3.1	-2.1	2.3	314.5	324.0	3.1	37.1	3.6	289.
11.4	39.9	4094.7	625.0	3.0	-10.2	135.0	4.8	-3.3	3.4	315.9	324.6	2.8	37.0	3.8	291.
12.4	42.4	4424.2	600.0	1.0	-12.3	125.0	5.0	-4.0	2.9	317.3	325.1	2.5	36.1	4.1	293.
13.6	45.3	4745.2	575.0	-0.6	-19.6	123.6	5.4	-4.6	2.9	319.3	323.9	1.4	22.1	4.4	293.
14.7	48.1	5119.5	550.0	-2.9	-21.5	123.6	5.9	-4.9	3.2	320.6	324.7	1.2	22.2	4.8	294.
15.0	50.9	5495.7	525.0	-5.3	-23.4	119.2	7.2	-6.4	3.4	322.0	325.7	1.1	22.5	5.2	295.
17.2	53.9	5847.3	500.0	-7.2	-23.7	105.5	8.4	-8.1	2.3	324.3	328.2	1.2	26.2	5.9	295.
19.5	56.9	6244.5	475.0	-10.7	-18.6	107.7	6.1	-5.8	1.9	324.8	330.8	1.8	51.8	6.5	293.
20.0	60.1	6678.7	450.0	-13.2	-26.8	110.6	6.8	-6.3	2.4	326.6	325.9	1.0	31.2	7.0	293.
21.4	63.5	7112.7	425.0	-15.6	-26.0	100.8	4.8	-3.0	3.7	329.0	332.7	1.1	40.4	7.5	294.
23.0	65.7	7567.0	400.0	-19.2	-27.6	144.6	5.1	-2.9	4.1	330.1	333.5	1.0	46.9	7.9	296.
24.6	70.3	8043.9	375.0	-23.3	-34.8	120.9	5.7	-4.9	3.0	330.8	332.8	0.5	34.0	8.4	297.
26.3	73.9	8545.9	350.0	-26.9	-42.5	105.7	3.2	-3.0	1.0	332.7	333.6	0.3	20.7	8.9	297.
28.2	77.8	9076.1	325.0	-30.1	-44.3	128.7	6.0	-4.7	3.7	335.2	336.1	0.2	22.4	9.3	297.
29.9	81.8	9639.9	300.0	-35.3	-44.3	133.8	7.1	-5.1	4.9	335.7	336.3	0.2	25.1	10.0	298.
31.8	85.9	10240.0	275.0	-40.2	99.9	124.5	4.3	-3.5	2.4	338.5	99.9	99.9	99.9	10.7	299.
33.9	90.5	10882.9	250.0	-45.5	99.5	168.7	2.0	-0.4	2.0	338.5	99.9	99.9	99.9	11.1	300.
36.3	95.3	11576.1	225.0	-51.5	99.9	311.6	6.1	4.6	-4.1	339.5	99.9	99.9	99.9	10.7	299.
38.8	100.5	12370.2	200.0	-57.5	99.9	290.5	1.3	1.3	-0.5	341.8	99.9	99.9	99.9	10.3	295.
41.2	105.0	13170.6	175.0	-57.9	99.9	283.0	5.0	4.9	-1.1	354.4	99.9	99.9	99.9	9.4	301.
44.1	112.3	14133.7	150.0	-61.7	99.9	299.6	3.5	3.0	-1.7	363.8	99.9	99.9	99.9	8.0	299.
47.5	119.3	15259.3	125.0	-63.4	99.9	301.4	7.8	6.6	-4.0	369.9	99.9	99.9	99.9	6.9	301.
52.0	127.0	16612.3	100.0	-67.0	99.9	99.9	99.9	99.9	99.9	398.2	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS8 JUNE 1977  
245 GMT

121 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	873.0	914.3	28.3	9.6	120.0	5.1	-4.4	2.5	309.3	332.6	8.2	31.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	15.7	1012.6	900.0	27.4	99.9	122.5	11.5	-9.7	6.2	309.8	999.9	99.9	999.9	0.3	302.
1.3	18.1	1260.7	875.0	24.9	10.1	123.1	11.2	-9.3	6.1	309.7	334.9	8.9	35.2	0.8	302.
2.3	20.5	1514.3	850.0	22.7	9.5	126.1	11.2	-9.1	6.6	310.0	334.9	8.8	42.9	1.4	303.
3.2	22.9	1773.2	825.0	20.2	8.6	130.5	10.7	-8.1	7.0	309.9	334.1	8.5	47.1	2.0	305.
4.1	25.4	2038.1	800.0	17.9	8.3	135.2	10.3	-7.2	7.3	310.2	334.7	8.6	53.2	2.6	306.
5.0	27.9	2309.0	775.0	15.4	7.1	138.7	9.6	-6.3	7.2	310.4	333.7	8.2	57.5	3.1	309.
5.9	30.5	2586.4	750.0	12.7	6.2	143.9	9.9	-5.8	8.0	310.4	333.1	8.0	64.5	3.6	311.
6.9	33.2	2870.3	725.0	10.2	5.8	145.4	7.7	-4.3	6.3	310.6	333.5	8.0	74.4	4.1	312.
7.9	35.8	3161.4	700.0	7.5	6.1	149.4	7.0	-3.5	6.0	310.8	334.9	8.5	91.0	4.5	314.
8.8	38.6	3460.2	675.0	4.6	4.2	149.6	6.0	-3.0	5.2	310.8	332.8	7.7	97.6	4.9	315.
9.6	41.1	3767.4	650.0	2.9	2.8	149.9	4.8	-2.4	4.2	312.2	332.7	7.1	97.3	5.1	316.
10.6	44.0	4082.8	625.0	-0.9	-3.3	134.2	2.2	-1.6	1.5	311.4	325.6	4.8	83.5	5.3	317.
11.6	47.0	4409.3	600.0	-1.0	-23.5	83.0	3.6	-3.5	-0.4	314.9	318.1	1.0	16.2	5.4	315.
12.8	50.0	4746.3	575.0	-2.5	-31.0	96.8	5.5	-5.4	0.7	317.1	318.8	0.5	8.9	5.6	313.
14.1	52.9	5097.9	550.0	-4.2	-31.0	103.6	8.5	-8.2	2.0	319.1	320.9	0.5	10.3	6.1	310.
15.3	55.8	5463.2	525.0	-5.8	-37.1	109.6	9.4	-8.8	3.2	321.5	322.6	0.3	6.4	6.8	308.
16.7	59.0	5847.8	500.0	-7.6	-38.9	112.8	8.5	-7.9	3.3	323.8	324.7	0.3	6.0	7.4	306.
17.9	62.3	6240.5	475.0	-10.8	-44.8	124.6	7.6	-6.3	4.3	324.6	325.2	0.1	4.1	8.0	306.
19.1	65.6	6653.6	450.0	-13.8	-45.5	136.5	7.3	-5.0	5.3	325.8	326.4	0.1	4.9	8.6	306.
20.5	69.0	7084.5	425.0	-17.0	-46.2	144.7	6.8	-4.0	5.6	327.2	327.8	0.1	5.8	9.1	307.
22.1	72.4	7536.6	400.0	-20.3	-51.2	118.6	6.6	-5.8	3.2	328.6	328.9	0.1	4.3	9.8	307.
23.9	76.2	8010.6	375.0	-24.1	-47.0	103.1	5.0	-4.8	1.1	329.7	330.2	0.1	10.0	10.4	306.
25.6	80.1	8509.8	350.0	-27.9	-47.2	87.5	5.2	-5.2	-0.2	331.1	331.7	0.1	13.7	10.8	305.
27.4	83.8	9038.5	325.0	-31.4	-51.4	76.2	4.2	-4.1	-1.0	333.4	333.8	0.1	11.8	11.2	303.
29.4	88.0	9555.5	300.0	-36.0	-53.3	28.5	5.5	-2.6	-4.8	334.7	335.0	0.1	14.8	11.4	301.
31.6	92.4	10197.7	275.0	-41.1	99.9	354.4	6.4	0.6	-6.4	335.7	999.9	99.9	999.9	11.1	297.
34.0	97.0	10839.0	250.0	-46.5	99.9	320.8	3.3	2.1	-2.5	336.8	999.9	99.9	999.9	10.5	294.
36.3	101.8	11527.7	225.0	-52.4	99.9	292.3	4.1	3.8	-1.6	338.2	999.9	99.9	999.9	10.2	293.
39.1	107.3	12277.5	200.0	-58.8	99.9	288.0	8.4	8.0	-2.6	339.6	999.9	99.9	999.9	9.0	294.
42.2	113.0	13108.5	175.0	-61.4	99.9	289.2	5.0	4.8	-1.7	348.6	999.9	99.9	999.9	7.8	296.
45.5	119.3	14059.8	150.0	-64.4	99.9	317.2	2.7	1.8	-2.0	359.2	999.9	99.9	999.9	7.2	293.
49.9	126.3	15176.7	125.0	-64.8	99.9	333.7	6.5	2.9	-5.8	377.7	999.9	99.9	999.9	6.3	290.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

8 JUNE 1977  
300 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	771.0	927.9	23.5	13.2	999.9	99.9	99.9	99.9	303.1	331.4	10.4	52.5	999.9	999.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	13.8	798.3	925.0	23.5*	99.9	999.9	99.9	99.9	99.9	303.3	999.9	99.9	99.9	999.9	999.
0.9	16.0	1036.7	900.0	23.4*	99.9	999.9	99.9	99.9	99.9	305.6	999.9	99.9	99.9	999.9	999.
1.8	19.3	1292.2	875.0	22.1	9.3	999.9	99.9	99.9	99.9	306.7	330.4	8.4	44.0	999.9	999.
2.7	20.7	1533.3	850.0	20.2	8.7	999.9	99.9	99.9	99.9	307.3	330.8	8.4	47.6	999.9	999.
3.6	23.0	1790.0	825.0	18.0	7.7	999.9	99.9	99.9	99.9	307.6	330.3	8.1	51.0	999.9	999.
4.6	25.5	2052.8	800.0	15.7	7.4	999.9	99.9	99.9	99.9	307.9	330.7	8.1	57.5	999.9	999.
5.7	27.9	2321.7	775.0	13.9	4.9	999.9	99.9	99.9	99.9	308.8	328.9	7.1	54.6	999.9	999.
6.6	30.5	2599.0	750.0	12.6	3.7	999.9	99.9	99.9	99.9	310.2	329.4	6.7	54.5	999.9	999.
7.7	33.1	2881.6	725.0	10.3	2.5	999.9	99.9	99.9	99.9	310.7	329.1	6.4	58.6	999.9	999.
8.8	35.6	3173.0	700.0	8.5	-1.6	999.9	99.9	99.9	99.9	311.9	326.3	4.9	49.1	999.9	999.
10.0	38.3	3473.0	675.0	6.7	-1.5	999.9	99.9	99.9	99.9	313.2	328.2	5.1	55.5	999.9	999.
11.2	40.9	3792.0	650.0	4.5	-2.6	999.9	99.9	99.9	99.9	314.0	328.5	4.9	60.1	999.9	999.
12.4	43.7	4100.4	625.0	1.8	-5.5	999.9	99.9	99.9	99.9	314.6	326.9	4.1	58.3	999.9	999.
13.5	46.6	4429.7	600.0	-0.5	-7.0	999.9	99.9	99.9	99.9	315.6	327.0	3.8	61.0	999.9	999.
14.9	49.6	4767.6	575.0	-3.1	-10.1	999.9	99.9	99.9	99.9	316.4	325.9	3.1	58.4	999.9	999.
16.1	52.4	5119.6	550.0	-5.2	-13.9	999.9	99.9	99.9	99.9	317.9	325.4	2.4	50.6	999.9	999.
17.5	55.4	5482.6	525.0	-7.6	-16.9	999.9	99.9	99.9	99.9	319.3	325.5	1.9	47.0	999.9	999.
19.9	58.5	5860.5	500.0	-10.3	-19.8	999.9	99.9	99.9	99.9	320.5	325.7	1.6	45.4	999.9	999.
20.2	61.8	6254.0	475.0	-12.1	-29.4	999.9	99.9	99.9	99.9	323.0	325.4	0.7	22.0	999.9	999.
21.9	65.1	6665.8	450.0	-14.5	-31.3	999.9	99.9	99.9	99.9	325.0	327.1	0.6	22.4	999.9	999.
23.6	68.4	7097.3	425.0	-16.8	-33.4	999.9	99.9	99.9	99.9	327.4	329.3	0.5	22.1	999.9	999.
25.4	71.7	7549.5	400.0	-20.4	-35.7	999.9	99.9	99.9	99.9	328.5	330.1	0.4	23.9	999.9	999.
27.4	75.5	8027.7	375.0	-24.5	-34.4	999.9	99.9	99.9	99.9	329.1	331.1	0.5	35.3	999.9	999.
29.5	79.3	8522.1	350.0	-28.3	-32.4	999.9	99.9	99.9	99.9	330.5	332.0	0.4	37.2	999.9	999.
31.6	83.0	9049.0	325.0	-32.2	-43.8	999.9	99.9	99.9	99.9	332.3	333.2	0.2	30.3	999.9	999.
33.9	87.2	9607.7	300.0	-37.5	-48.1	999.9	99.9	99.9	99.9	332.6	333.2	0.2	31.5	999.9	999.
36.3	91.5	10202.1	275.0	-42.5	99.9	999.9	99.9	99.9	99.9	333.7	999.9	99.9	999.9	999.9	999.
39.8	95.9	10939.0	250.0	-47.8	99.9	999.9	99.9	99.9	99.9	335.0	999.9	99.9	999.9	999.9	999.
41.8	100.7	11524.5	225.0	-54.1	99.9	999.9	99.9	99.9	99.9	335.5	999.9	99.9	999.9	999.9	999.
45.2	105.8	12270.7	200.0	-59.6	99.9	999.9	99.9	99.9	99.9	338.4	999.9	99.9	999.9	999.9	999.
49.7	111.4	13094.9	175.0	-64.0	99.9	999.9	99.9	99.9	99.9	344.3	999.9	99.9	999.9	999.9	999.
52.8	117.5	14076.6	150.0	-63.5	99.9	999.9	99.9	99.9	99.9	360.7	999.9	99.9	999.9	999.9	999.
57.2	124.3	15146.9	125.0	-66.7	99.9	999.9	99.9	99.9	99.9	374.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

8 JUNE 1977  
258 GMT

124 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	585.0	945.8	26.5	18.9	90.0	1.6	-1.6	0.0	304.5	344.2	14.7	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	13.3	781.4	925.0	26.9	5.7	104.0	7.9	-7.6	1.9	306.8	324.5	6.2	25.9	0.3	273.
1.5	15.5	1022.5	900.0	24.9	5.1	107.6	7.1	-6.8	2.2	307.2	324.7	6.1	27.9	0.7	279.
2.3	17.8	1269.3	875.0	22.7	4.6	122.5	5.9	-5.0	3.2	307.4	324.8	6.1	30.8	1.0	284.
3.2	20.2	1519.7	850.0	20.8	6.1	140.9	6.3	-4.0	4.9	308.0	327.8	7.0	38.3	1.3	290.
4.1	22.5	1776.6	825.0	18.0	7.6	169.7	4.6	-0.8	4.5	307.6	330.1	8.0	50.8	1.6	298.
5.0	25.0	2039.5	800.0	16.9	6.7	185.9	3.6	0.4	3.6	309.2	331.2	7.7	50.9	1.7	305.
5.9	27.3	2309.3	775.0	14.8	4.4	175.4	2.2	-0.2	2.2	309.7	329.2	6.8	49.7	1.8	309.
6.9	29.9	2585.6	750.0	12.3	3.5	133.5	2.0	-1.5	1.4	309.9	328.9	6.6	55.1	1.9	310.
7.8	32.6	2869.1	725.0	9.9	2.3	134.3	1.8	-1.3	1.2	310.3	328.3	6.2	59.0	2.0	310.
8.9	35.2	3159.9	700.0	8.0	-0.5	148.9	1.1	-0.6	1.0	311.3	326.9	5.3	55.3	2.1	311.
9.9	37.7	3459.3	675.0	6.2	-2.4	88.9	2.2	-2.2	-0.0	312.6	326.7	4.8	54.0	2.2	311.
11.0	40.5	3768.1	650.0	4.1	-2.2	73.6	4.2	-4.0	-1.2	313.6	328.4	5.0	63.4	2.3	306.
12.1	43.1	4085.7	625.0	1.3	-5.5	76.2	5.0	-4.9	-1.2	313.9	326.1	4.1	60.6	2.5	300.
13.2	46.0	4413.5	600.0	-0.6	-7.3	85.9	5.1	-5.1	-0.4	315.4	326.6	3.7	60.8	2.8	296.
14.4	48.9	4752.6	575.0	-2.3	-14.7	87.5	5.3	-5.3	-0.2	317.3	324.0	2.1	38.1	3.1	293.
15.5	51.6	5104.5	550.0	-4.2	-19.9	82.8	5.1	-5.0	-0.6	319.1	323.9	1.5	28.9	3.4	290.
16.7	54.6	5469.6	525.0	-6.4	-20.3	77.9	5.6	-5.5	-1.2	320.7	325.5	1.5	32.4	3.8	287.
18.0	57.6	5849.5	500.0	-8.4	-20.2	83.6	5.9	-5.9	-0.7	322.9	327.9	1.5	37.8	4.2	284.
19.4	60.9	6245.8	475.0	-10.5	-23.0	104.8	5.3	-5.2	1.4	324.9	329.2	1.3	35.1	4.6	283.
20.9	64.1	6659.9	450.0	-13.2	-29.7	130.0	5.8	-4.4	3.7	326.7	329.2	0.7	23.3	5.1	284.
22.4	67.3	7092.2	425.0	-16.7	-32.1	133.8	4.7	-3.4	3.3	327.6	329.8	0.6	25.1	5.6	287.
24.2	70.8	7544.9	400.0	-20.0	-39.7	110.9	7.1	-6.6	2.5	329.0	330.1	0.3	15.7	6.0	289.
25.9	74.4	8019.7	375.0	-24.1	-42.7	109.8	8.4	-7.9	2.9	329.7	330.5	0.2	16.2	6.9	288.
27.6	78.3	8519.5	350.0	-28.1	-44.3	117.8	4.7	-4.1	2.2	330.9	331.6	0.2	15.3	7.6	289.
29.5	82.0	9045.8	325.0	-32.5	-47.9	106.3	3.3	-3.2	0.9	331.9	332.5	0.1	19.5	8.0	289.
31.7	86.0	9605.1	300.0	-36.7	-51.4	90.7	4.8	-4.8	0.1	333.6	334.0	0.1	15.9	8.5	288.
34.4	90.4	10200.8	275.0	-42.0	99.9	88.0	4.9	-4.9	-0.2	334.5	999.9	99.9	999.9	9.2	287.
37.2	95.0	10838.6	250.0	-47.4	99.9	86.2	5.1	-5.1	-0.3	335.6	999.9	99.9	999.9	10.0	285.
39.9	99.8	11526.2	225.0	-53.6	99.9	9.9	2.3	-0.4	-2.3	336.4	999.9	99.9	999.9	10.5	284.
42.6	105.0	12277.3	200.0	-57.2	99.9	281.0	3.8	3.7	-0.7	342.1	999.9	99.9	999.9	10.1	282.
45.4	110.5	13110.7	175.0	-61.4	99.9	299.8	7.6	6.6	-3.8	348.6	999.9	99.9	999.9	9.0	283.
49.4	116.5	14061.6	150.0	-62.4	99.9	283.7	5.2	5.0	-1.2	362.7	999.9	99.9	999.9	7.6	275.
53.5	123.3	15194.6	125.0	-64.9	99.9	312.6	7.1	5.2	-4.8	377.5	999.9	99.9	999.9	6.5	272.
58.9	130.8	16526.7	100.0	-68.5	99.9	320.4	2.4	1.6	-1.9	395.5	999.9	99.9	999.9	5.7	255.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

8 JUNE 1977  
300 GMT

125 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	791.0	524.5	25.6	11.4	100.0	2.6	-2.6	0.5	305.5	331.0	9.2	41.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.7	15.2	1016.8	900.0	24.5	11.8	999.9	99.9	99.9	99.9	306.8	333.8	9.8	45.1	999.9	999.
1.6	17.4	1262.8	875.0	22.4	10.7	999.9	99.9	99.9	99.9	307.0	333.0	9.3	47.8	999.9	999.
2.6	19.9	1514.3	850.0	20.5	10.8	135.0	9.4	-6.7	6.7	307.6	334.4	9.6	53.7	1.6	305.
3.5	22.1	1771.6	825.0	18.4	9.8	150.3	6.5	-3.3	5.8	308.0	334.0	9.3	57.2	2.0	308.
4.5	24.7	2075.0	800.0	16.6	8.4	180.1	6.0	0.0	6.0	308.8	333.3	8.7	58.3	2.3	313.
5.6	27.1	2304.9	775.0	15.1	6.1	181.9	4.9	0.2	4.9	310.0	331.9	7.7	55.1	2.5	320.
6.6	29.8	2581.7	750.0	12.5	4.5	186.0	3.5	0.4	3.6	310.1	330.4	7.1	58.4	2.7	324.
7.6	32.4	2865.3	725.0	9.7	3.9	218.8	2.5	1.6	2.0	310.2	330.3	7.0	66.9	2.8	327.
8.7	35.2	3156.4	700.0	8.1	-0.2	216.2	1.6	0.9	1.3	311.4	327.4	5.5	56.6	2.8	330.
9.7	37.9	3455.8	675.0	6.2	-4.7	137.3	2.8	-1.9	2.1	312.6	324.5	4.0	45.5	2.9	330.
10.7	40.6	3764.1	650.0	3.6	-4.3	124.7	3.7	-3.0	2.1	313.0	325.8	4.3	56.5	3.1	329.
11.8	43.4	4081.5	625.0	1.6	-8.9	118.8	5.3	-4.6	2.5	314.3	324.0	3.2	46.4	3.4	326.
12.8	46.5	4409.3	600.0	-0.8	-7.9	118.8	5.7	-5.0	2.8	315.2	326.1	3.6	59.1	3.7	324.
13.9	49.6	4749.3	575.0	-2.5	-19.1	109.1	6.7	-6.4	2.2	317.0	321.8	1.5	26.7	4.0	321.
15.0	52.5	5099.3	550.0	-5.1	-23.8	99.3	8.2	-8.0	1.3	318.0	321.4	1.0	21.4	4.5	317.
16.2	55.6	5463.3	525.0	-6.9	-27.4	101.1	7.1	-6.9	1.4	320.1	322.7	0.8	17.6	4.9	313.
17.5	58.9	5842.7	500.0	-8.3	-20.8	97.0	6.8	-6.7	0.8	322.9	327.9	1.5	37.1	5.4	310.
18.8	62.3	6239.1	475.0	-10.4	-22.1	93.3	6.9	-6.9	0.4	325.1	329.7	1.4	37.7	5.8	307.
20.2	65.6	6654.2	450.0	-12.7	-26.3	134.5	5.8	-4.1	4.1	327.3	330.6	1.0	30.7	6.2	306.
21.6	69.1	7087.2	425.0	-16.0	-36.2	123.0	6.9	-5.8	3.8	328.4	329.9	0.4	15.6	6.7	307.
23.0	72.7	7540.8	400.0	-19.5	-46.0	130.0	9.0	-6.9	5.8	329.7	330.3	0.2	7.4	7.5	306.
24.5	76.6	8016.8	375.0	-23.5	-53.9	137.8	7.8	-5.3	5.8	330.6	330.8	0.1	4.2	8.3	307.
25.2	80.6	8517.2	350.0	-27.5	-52.9	126.0	6.7	-5.4	3.9	331.7	332.0	0.1	6.8	8.9	307.
27.9	84.7	9046.8	325.0	-31.0	-53.2	125.5	6.8	-5.5	3.9	334.0	334.3	0.1	9.1	9.6	307.
29.9	89.0	9508.6	300.0	-36.0	-53.5	112.8	6.8	-6.2	2.6	334.6	335.0	0.1	14.3	10.4	307.
31.6	93.6	10207.4	275.0	-40.6	99.9	21.8	1.5	-0.7	-1.8	336.4	999.9	99.9	999.9	10.8	306.
33.5	98.4	10848.6	250.0	-46.2	99.9	39.8	4.5	-2.9	-3.4	337.3	999.9	99.9	999.9	10.8	304.
35.7	103.4	11540.5	225.0	-51.9	99.9	340.4	7.5	2.5	-7.1	339.0	999.9	99.9	999.9	10.3	301.
38.1	109.0	12293.2	200.0	-57.3	99.9	303.3	5.6	4.7	-3.1	342.0	999.9	99.9	999.9	9.6	298.
41.1	115.0	13129.6	175.0	-60.6	99.9	309.3	4.3	3.3	-2.7	349.9	999.9	99.9	999.9	8.6	300.
44.3	121.3	14099.4	150.0	-60.8	99.9	313.9	5.7	4.1	-3.9	365.3	999.9	99.9	999.9	7.7	298.
48.4	128.3	15218.0	125.0	-63.3	99.9	999.9	99.9	99.9	99.9	380.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JUNE 1977  
1445 GMT

123 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR .DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	971.0	516.7	27.8	14.4	185.0	10.5	0.9	10.5	308.5	340.1	11.4	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	12.5	1075.2	503.0	24.4	14.6	191.1	8.9	1.7	8.7	306.7	339.0	11.8	54.5	0.5	6.
1.2	14.5	1291.4	875.0	22.1	13.4	156.2	8.2	2.3	7.8	306.7	337.5	11.1	57.9	0.8	8.
2.2	16.4	1537.2	850.0	21.0	10.3	209.0	10.6	5.0	9.4	309.2	334.3	5.3	50.4	1.3	14.
3.1	19.0	1791.3	825.0	15.9	9.1	230.3	10.6	6.9	8.1	309.6	333.1	8.3	46.6	1.9	21.
4.3	21.4	2056.7	800.0	18.4	7.2	234.3	8.4	6.8	4.9	310.8	333.7	8.0	48.2	2.5	28.
5.2	23.8	2328.1	775.0	17.1	6.1	229.0	6.2	4.6	4.0	312.2	334.3	7.7	48.4	2.9	32.
6.4	26.1	2506.8	750.0	14.7	5.0	176.0	1.7	-0.1	1.7	312.6	333.8	7.4	52.1	3.1	32.
7.5	28.7	2892.3	725.0	11.8	2.7	187.0	3.6	-1.2	2.8	312.4	331.2	6.4	53.5	3.2	29.
9.6	31.3	3186.9	700.0	5.1	1.3	139.6	2.3	-1.5	2.1	312.6	330.2	6.1	52.3	3.3	27.
9.8	33.9	3495.1	675.0	6.3	1.0	164.4	2.1	-0.6	2.1	312.7	330.5	6.1	68.6	3.4	25.
11.0	36.6	3747.9	650.0	4.0	-2.1	172.3	3.9	-0.5	3.9	313.5	328.5	5.1	64.4	3.5	23.
12.0	39.2	4117.1	625.0	2.2	-7.8	161.2	4.4	-1.5	4.4	315.0	325.3	3.4	47.4	3.8	21.
13.2	42.0	4440.5	600.0	-0.5	-13.2	146.7	4.8	-2.7	4.1	315.6	322.4	2.2	35.7	4.0	17.
14.4	44.9	4740.1	575.0	-1.8	-21.3	172.9	6.7	-0.9	6.6	317.8	321.8	1.2	20.8	4.3	14.
15.7	48.0	5132.4	550.0	-4.1	-13.6	187.9	7.5	1.0	7.5	319.3	327.0	2.4	47.5	4.9	12.
15.9	50.9	5466.1	525.0	-6.3	-12.8	184.1	8.3	0.6	8.3	320.9	329.5	2.7	55.5	5.4	12.
19.3	53.9	5875.1	500.0	-7.7	-21.5	176.9	12.0	-0.6	11.9	323.6	328.2	1.4	32.1	6.3	10.
19.9	57.3	6276.0	475.0	-11.2	-20.7	178.8	12.4	-0.3	12.4	324.2	329.4	1.6	45.9	7.4	8.
21.3	60.6	6684.9	450.0	14.4	-22.3	181.3	13.9	0.3	13.9	325.1	329.8	1.4	51.2	8.5	7.
22.8	64.0	7120.4	425.0	14.6	-24.7	175.0	17.2	-1.5	17.2	327.7	331.8	1.2	45.1	9.9	6.
24.6	67.7	7573.9	400.0	14.6	-29.7	172.0	19.1	-2.7	18.9	329.0	332.1	0.9	45.1	11.8	4.
25.1	71.3	8049.6	375.0	14.4	-34.2	179.1	15.3	-0.2	15.3	330.4	332.4	0.6	37.1	13.5	2.
27.0	75.3	8550.8	350.0	14.4	-41.5	188.7	11.3	1.7	11.2	332.2	333.2	0.3	24.0	14.9	3.
29.6	79.7	9090.7	325.0	14.4	-45.2	193.0	9.2	1.8	8.0	333.8	334.6	0.2	23.2	15.9	3.
31.6	83.7	9642.9	300.0	14.4	-49.2	200.6	7.0	2.5	6.6	335.2	335.7	0.1	23.0	16.8	4.
33.7	88.2	10242.7	275.0	14.4	99.9	237.3	4.7	4.0	2.5	336.8	336.8	99.9	999.9	17.3	5.
35.8	93.2	10945.0	250.0	14.4	99.9	245.5	8.9	8.2	3.6	338.5	338.5	99.9	999.9	17.7	7.
38.0	98.2	11578.7	225.0	14.4	99.9	211.9	10.7	8.4	6.6	340.5	340.5	99.9	999.9	18.5	11.
40.7	104.0	12176.3	200.0	14.4	99.9	215.0	9.5	5.4	7.8	346.1	346.1	99.9	999.9	19.9	13.
43.3	110.0	13194.4	175.0	14.4	99.9	219.7	10.8	6.9	8.3	352.1	352.1	99.9	999.9	21.5	15.
46.6	116.8	14136.6	150.0	14.4	99.9	239.9	11.3	9.3	5.7	359.7	359.7	99.9	999.9	23.3	17.
50.3	124.3	15256.8	125.0	14.4	99.9	241.1	5.4	4.7	2.6	379.9	379.9	99.9	999.9	24.8	21.
54.9	137.3	16416.9	100.0	14.4	99.9	99.9	99.9	99.9	99.9	398.2	398.2	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 1 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JUNE 1977  
1500 GMT

122 101. 0

TIME MIN	CNTCT	HEIGHT GOM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	771.0	926.9	29.0	18.7	200.0	7.4	2.5	7.0	308.8	349.7	14.9	54.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	13.3	780.3	925.0	28.3	18.2	999.9	99.9	99.9	99.9	308.3	347.9	14.4	54.4	99.9	99.9
0.0	15.6	1070.9	900.0	23.7	15.2	999.9	99.9	99.9	99.9	305.9	339.3	12.2	58.8	99.9	99.9
1.8	18.0	1276.2	875.0	21.3	13.1	999.9	99.9	99.9	99.9	305.9	335.9	10.9	59.3	99.9	99.9
2.7	20.4	1524.1	850.0	21.7	9.7	217.8	8.6	5.3	6.8	308.9	334.1	9.0	46.5	1.7	25.0
3.7	22.8	1784.6	825.0	20.2	8.2	229.8	6.1	4.6	4.0	309.9	333.6	8.3	46.0	2.1	30.0
4.7	25.3	2051.5	800.0	18.2	6.5	206.6	5.5	2.4	4.9	310.6	332.3	7.6	46.1	2.4	31.0
5.8	27.8	2322.4	775.0	15.6	5.1	194.3	6.3	1.5	6.1	310.6	331.1	7.2	49.6	2.8	29.0
6.9	30.4	2599.8	750.0	13.0	4.0	182.3	8.3	1.2	8.2	310.7	330.4	6.9	54.4	3.2	27.0
7.8	33.1	2884.0	725.0	11.4	-2.5	183.4	7.5	0.4	7.5	312.0	325.1	4.4	37.8	3.7	24.0
9.0	35.7	3176.5	700.0	9.5	-4.8	180.6	7.5	0.1	7.6	313.1	324.6	3.8	36.0	4.1	21.0
10.1	38.4	3477.0	675.0	7.2	-6.4	181.3	8.7	0.2	8.7	313.7	324.4	3.5	37.3	4.6	19.0
11.1	41.1	3786.0	650.0	4.4	-9.9	179.1	8.7	-0.3	8.7	313.9	322.4	2.8	34.4	5.1	17.0
12.3	44.0	4103.9	625.0	1.8	-9.5	176.4	9.6	-0.6	9.6	314.5	323.6	3.0	42.9	5.8	15.0
13.5	47.0	4431.7	600.0	-0.9	-6.5	176.9	10.0	-0.5	10.0	315.2	327.0	3.9	65.0	6.4	13.0
14.7	50.0	4770.6	575.0	-2.7	-12.0	180.9	10.2	0.1	10.2	316.8	325.1	2.6	48.6	7.1	11.0
16.0	52.9	5123.2	550.0	-3.1	-11.7	194.4	10.1	2.5	9.8	320.4	329.3	2.8	51.4	8.0	11.0
17.3	55.9	5499.8	525.0	-5.7	-12.4	189.6	11.1	1.7	11.0	321.6	330.5	2.8	59.2	8.7	11.0
19.6	59.1	5871.8	500.0	-7.4	-16.5	184.7	14.8	1.2	14.8	324.1	330.9	2.1	47.7	9.8	11.0
20.0	62.6	6269.6	475.0	-9.8	-20.4	186.0	13.3	1.4	13.2	325.9	331.1	1.6	41.3	10.9	10.0
21.5	65.8	6685.3	450.0	-12.6	-22.5	186.6	12.1	1.4	12.0	327.4	332.1	1.4	43.2	12.1	10.0
23.0	69.3	7118.9	425.0	-16.0	-24.7	187.8	13.8	1.9	13.7	328.4	332.5	1.2	46.9	13.2	9.0
24.8	72.7	7572.1	400.0	-20.0	-27.4	199.7	12.9	2.2	12.8	329.0	332.4	1.0	51.5	14.7	9.0
26.4	76.6	8046.9	375.0	-24.2	-31.5	187.1	10.5	1.3	10.4	329.6	332.1	0.7	48.4	15.8	9.0
28.1	80.4	8545.8	350.0	-28.6	-35.8	188.2	10.0	1.4	9.9	330.2	332.0	0.5	49.7	16.9	9.0
30.0	84.5	9071.5	325.0	-33.1	-39.0	171.0	9.6	-1.5	9.5	331.0	332.5	0.4	55.4	18.0	9.0
32.0	88.5	9628.6	300.0	-38.0	-42.3	174.3	8.9	-0.9	8.9	331.9	333.0	0.3	63.1	19.0	8.0
34.6	93.0	10221.2	275.0	-43.0	99.9	189.2	10.2	1.6	10.1	333.0	999.9	99.9	999.9	20.6	7.0
37.1	97.6	10857.5	250.0	-47.6	99.9	184.3	9.7	0.7	9.6	335.3	999.9	99.9	999.9	21.8	7.0
39.6	102.5	11545.1	225.0	-53.0	99.9	218.2	5.4	3.3	4.2	337.2	999.9	99.9	999.9	23.2	8.0
42.5	108.0	12297.2	200.0	-56.1	99.9	237.6	11.5	9.7	6.2	344.0	999.9	99.9	999.9	23.9	9.0
45.8	113.5	13141.6	175.0	-58.7	99.9	217.8	10.0	6.2	7.9	353.1	999.9	99.9	999.9	25.6	13.0
49.5	119.8	14100.1	150.0	-62.7	99.9	204.3	8.5	3.5	7.7	362.1	999.9	99.9	999.9	27.7	14.0
54.1	126.7	15217.7	125.0	-64.5	99.9	252.1	5.7	5.5	1.8	378.2	999.9	99.9	999.9	29.2	15.0
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

9 JUNE 1977  
1517 GMT

133 91. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	595.0	945.8	27.7	19.2	190.0	6.7	1.2	6.6	305.7	346.5	15.0	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	12.6	731.7	925.0	25.7	16.2	199.6	6.4	2.2	6.0	305.6	340.2	12.7	55.8	0.3	11.
1.0	15.0	1023.0	500.0	23.5	15.8	196.8	8.4	2.4	8.0	305.8	340.3	12.6	61.7	0.8	13.
3.0	17.2	1267.2	875.0	21.0	13.4	206.2	10.5	4.7	9.5	305.6	336.1	11.1	62.0	1.4	19.
7.9	10.9	1518.9	850.0	21.7	9.4	200.9	9.4	3.4	8.8	308.9	333.6	8.8	45.4	2.0	20.
4.8	22.1	1777.3	825.0	20.1	5.6	195.6	8.4	2.2	8.0	309.8	329.7	6.9	38.5	2.5	20.
5.7	24.7	2041.6	800.0	17.6	4.8	191.7	6.9	1.4	6.7	309.9	329.4	6.8	42.7	2.9	19.
6.6	27.1	2312.1	775.0	15.7	3.5	178.8	6.6	-0.1	6.6	310.7	329.1	6.4	44.1	3.2	17.
7.7	29.9	2589.2	750.0	13.1	2.1	175.1	7.0	-0.6	7.0	310.8	328.1	6.0	47.2	3.7	15.
8.9	32.6	2873.4	725.0	10.8	-0.3	186.9	6.7	0.8	6.7	311.3	326.4	5.2	46.1	4.1	13.
10.1	35.3	3164.0	700.0	8.8	-3.3	207.5	6.6	3.1	5.9	312.2	325.0	4.3	42.3	4.6	14.
11.2	38.0	3464.7	675.0	6.4	-5.2	205.1	7.1	3.1	6.6	312.8	324.3	3.8	43.1	5.0	15.
12.3	40.8	3773.2	650.0	4.0	-2.9	197.4	8.1	2.4	7.7	313.5	327.6	4.8	61.1	5.5	16.
13.4	43.7	4091.5	625.0	3.0	-11.1	187.8	8.3	1.1	8.3	315.9	324.1	2.7	35.0	6.1	15.
14.6	46.8	4420.9	600.0	0.6	-7.7	189.2	9.0	1.5	8.9	316.8	327.9	3.6	55.0	6.7	14.
15.9	49.0	4751.4	575.0	-1.3	-9.8	192.9	10.0	2.2	9.7	318.4	329.0	3.4	57.0	7.5	14.
17.4	52.0	5114.5	550.0	-3.6	-10.5	182.1	9.1	0.3	9.1	319.8	329.5	3.1	58.8	8.3	13.
18.9	55.9	5480.5	525.0	-5.5	-13.3	178.9	11.6	-0.2	11.6	321.8	330.1	2.6	54.3	9.2	12.
20.4	59.3	5841.5	500.0	-8.4	-15.6	181.6	14.3	0.4	14.3	322.8	330.1	2.3	56.1	10.3	11.
21.9	62.7	6259.5	475.0	-3.0	-21.0	192.1	13.6	2.9	13.3	325.6	330.6	1.5	40.0	11.5	10.
23.4	66.1	6673.3	450.0	0.0	-24.1	196.5	13.1	3.7	12.6	327.0	331.1	1.2	38.7	12.8	11.
24.9	69.9	7106.8	425.0	0.0	-25.9	184.9	12.7	1.1	12.7	329.0	332.7	1.1	40.7	14.0	11.
25.9	73.5	7551.6	400.0	-1	-29.9	179.2	14.4	-0.2	14.4	330.5	333.3	0.8	36.8	15.4	10.
29.4	77.5	8078.4	375.0	-23	-31.7	177.6	14.8	-0.6	14.8	330.8	333.3	0.7	45.4	16.9	9.
30.1	81.5	8539.5	350.0	-28.0	-32.7	182.4	14.9	0.6	14.9	330.7	333.2	0.7	65.0	18.3	8.
32.1	85.7	9055.7	325.0	-31.9	-45.5	199.5	11.8	3.9	11.1	332.8	335.5	0.2	24.8	19.9	8.
34.1	90.2	9626.6	300.0	-35.6	-51.1	203.1	10.8	4.2	9.9	335.2	335.6	0.1	18.4	21.2	9.
36.3	95.2	10237.0	275.0	-40.2	99.9	216.3	9.7	5.8	7.8	337.1	999.9	99.9	955.9	22.5	10.
38.7	100.0	10869.0	250.0	-46.1	99.9	221.9	9.5	6.3	7.0	337.6	999.9	99.9	999.9	23.6	12.
41.4	105.3	11541.6	225.0	-51.2	99.9	227.4	9.5	7.0	6.4	340.0	999.9	99.9	999.9	24.9	14.
44.5	111.0	12319.1	200.0	-55.5	99.9	223.3	12.8	9.6	8.5	344.9	999.9	99.9	999.9	26.7	16.
47.5	117.3	13161.3	175.0	-60.7	99.9	222.5	10.7	7.2	7.9	349.8	999.9	99.9	999.9	28.7	19.
50.9	124.3	14109.7	150.0	-64.3	99.9	241.2	13.7	12.0	6.6	359.3	999.9	99.9	999.9	30.9	21.
55.3	131.7	15228.2	125.0	-64.4	99.9	221.2	5.0	3.3	3.8	378.4	999.9	99.9	999.9	32.4	23.
60.1	139.3	16578.8	100.0	-68.9	99.9	999.9	99.9	99.9	99.9	394.7	999.9	99.9	999.9	999.9	999.9
99.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JUNE 1977  
1500 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	H'GHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	791.0	923.5	27.2	15.6	220.0	8.4	5.4	6.4	307.3	340.8	12.2	49.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	14.8	1007.7	900.0	24.6	14.5	999.9	99.9	99.9	99.9	306.8	338.8	11.6	53.3	999.9	999.
1.3	16.9	1254.3	875.0	22.7	13.1	999.9	99.9	99.9	99.9	307.3	337.5	10.9	54.7	999.9	999.
2.5	19.3	1506.4	850.0	21.6	9.3	220.4	13.6	8.8	10.4	308.8	333.3	8.7	45.4	2.2	30.
3.5	21.4	1755.0	825.0	20.7	6.8	233.3	9.4	7.5	5.6	310.4	332.1	7.6	40.7	2.9	34.
4.5	23.8	2070.6	800.0	19.4	6.5	239.9	4.7	4.0	2.3	311.8	333.8	7.6	43.1	3.3	37.
5.5	26.0	2302.5	775.0	16.9	4.6	207.3	6.3	2.9	5.6	311.9	331.9	6.9	44.3	3.6	38.
6.6	29.6	2591.1	750.0	14.4	3.8	161.0	2.9	-0.9	2.7	312.3	331.8	6.8	48.9	3.8	36.
7.6	31.1	2966.4	725.0	11.7	3.2	191.0	5.6	1.1	5.5	312.3	331.7	6.7	56.0	4.1	34.
8.7	33.8	3158.9	700.0	8.8	3.2	174.5	4.1	-0.4	4.1	312.3	332.3	6.9	67.6	4.3	32.
9.9	35.2	3459.8	675.0	5.9	2.2	170.6	5.6	-0.9	5.5	312.3	331.6	6.7	76.7	4.6	29.
10.9	38.0	3747.1	650.0	3.9	-5.0	176.3	8.7	-0.6	8.7	313.4	325.6	4.1	52.1	4.9	27.
12.0	41.5	4085.2	625.0	1.9	-6.2	178.0	10.0	-0.3	10.0	314.7	326.4	3.9	55.2	5.6	22.
13.3	44.4	4414.1	600.0	1.4	-16.3	186.5	10.8	1.2	10.7	317.8	323.8	1.9	27.0	6.3	20.
14.6	47.3	4756.1	575.0	-0.3	-9.5	187.1	12.5	1.6	12.4	319.6	329.7	3.2	45.8	7.2	19.
15.9	50.3	5110.5	550.0	-2.8	-11.2	188.3	9.9	1.4	9.8	320.8	330.1	3.0	52.3	8.0	18.
17.2	53.3	5477.9	525.0	-5.0	-13.4	178.8	11.5	-0.2	11.5	322.5	330.7	2.6	51.4	8.8	16.
18.4	56.1	5849.6	500.0	-7.6	-19.0	192.0	14.9	3.1	14.5	323.8	329.8	1.9	43.0	9.7	15.
19.8	59.4	6257.4	475.0	-9.8	-26.6	195.5	17.2	4.6	16.5	325.8	328.9	0.9	23.9	11.1	15.
21.2	62.9	6672.6	450.0	-12.5	-28.0	190.0	17.3	3.0	17.1	327.5	330.5	0.8	26.0	12.6	15.
22.7	66.1	7106.9	425.0	-15.7	-24.6	180.6	15.5	0.2	15.5	328.8	333.0	1.2	46.3	14.1	14.
24.3	69.7	7561.4	400.0	-18.8	-27.6	178.7	16.5	-0.4	16.5	330.6	334.0	1.0	45.3	15.2	12.
25.9	73.3	8039.3	375.0	-23.4	-30.3	183.6	20.2	1.3	20.1	330.7	333.5	0.8	52.6	17.2	11.
27.5	77.2	8539.0	350.0	-26.9	-38.4	190.1	16.1	2.8	15.9	332.5	333.9	0.4	32.6	19.0	11.
29.3	81.2	9049.4	325.0	-30.8	-43.9	201.2	8.6	3.1	8.0	334.3	335.2	0.2	28.0	20.5	11.
31.1	85.3	9632.3	300.0	-35.4	-47.9	204.2	9.5	3.9	8.7	335.5	336.1	0.2	26.1	21.5	11.
33.1	89.7	10231.8	275.0	-40.3	99.9	104.1	8.4	2.0	8.1	336.8	999.9	99.9	999.9	22.2	12.
35.1	94.4	10875.7	250.0	-44.9	99.9	247.7	8.5	7.9	3.2	339.3	999.9	99.9	999.9	23.1	12.
37.2	99.4	11572.5	225.0	-50.2	99.9	259.8	15.0	14.7	2.7	341.7	999.9	99.9	999.9	23.7	16.
39.4	104.5	12333.8	200.0	-53.7	99.9	222.5	13.3	9.0	9.8	347.8	999.9	99.9	999.9	25.3	19.
42.0	110.4	13187.1	175.0	-57.9	99.9	228.4	13.5	10.1	8.9	354.3	999.9	99.9	999.9	27.1	21.
44.9	116.3	14143.9	150.0	-62.1	99.9	248.9	12.3	11.5	4.4	363.1	999.9	99.9	999.9	29.5	24.
48.4	123.3	15274.6	125.0	-61.9	99.9	352.7	5.9	0.7	-5.8	363.0	999.9	99.9	999.9	30.5	26.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JUNE 1977  
1745 GMT

124 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	873.0	913.0	32.8	11.2	190.0	5.3	0.9	5.2	314.0	340.7	9.3	27.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
0.5	14.6	1001.5	900.0	25.7	9.4	176.2	7.1	-0.5	7.1	312.1	335.8	8.3	28.2	0.2	354.
1.2	16.7	1251.6	975.0	27.4	9.0	194.2	8.9	2.2	8.6	312.3	336.0	8.3	31.4	0.5	1.
1.9	19.1	1507.3	850.0	25.7	9.0	195.0	8.1	2.2	7.8	313.0	337.6	8.6	34.9	0.9	8.
2.7	21.3	1769.5	925.0	21.9	8.5	193.3	8.5	2.7	8.2	311.8	336.0	8.5	42.2	1.3	10.
3.4	23.7	2074.6	800.0	19.2	7.5	193.6	7.4	1.7	7.2	311.6	335.0	8.2	46.5	1.6	12.
4.1	26.0	2306.5	775.0	16.3	6.5	192.9	7.3	1.6	6.9	311.3	334.5	8.1	53.9	1.9	12.
4.8	28.5	2584.8	750.0	13.7	6.1	204.3	6.1	2.5	5.5	311.4	334.1	7.9	60.2	2.3	13.
5.6	31.1	2865.3	725.0	10.5	4.8	197.3	4.7	1.4	4.5	311.0	332.5	7.5	67.7	2.5	14.
6.7	33.8	3160.9	700.0	8.2	1.3	162.1	5.5	-1.7	5.3	311.6	329.1	6.0	61.6	2.8	12.
7.9	36.3	3460.4	675.0	5.8	0.9	164.0	6.7	-1.9	6.5	312.1	329.8	6.1	70.6	3.1	7.
9.0	39.0	3769.4	650.0	3.9	-2.4	177.1	8.7	-0.4	8.7	313.3	328.0	5.0	62.6	3.6	5.
10.4	41.7	4084.3	625.0	1.5	-4.3	186.7	10.5	1.2	10.4	314.2	327.6	4.5	65.3	4.4	4.
11.5	44.6	4414.7	600.0	-0.3	-5.6	195.3	8.7	2.3	8.4	315.8	326.5	4.2	67.2	5.1	5.
12.8	47.6	4754.2	575.0	-2.4	-7.4	202.9	6.7	2.6	6.2	317.2	326.9	3.8	68.7	5.7	7.
14.1	50.5	5104.4	550.0	-4.8	-9.8	210.6	7.0	3.5	6.0	318.4	326.7	3.3	67.6	6.2	8.
15.5	53.6	5470.7	525.0	-7.4	-12.4	207.6	8.0	3.7	7.1	319.5	326.4	2.8	67.4	6.8	11.
17.1	56.6	5949.6	500.0	-9.4	-17.9	205.0	10.0	4.2	9.0	321.5	327.6	1.9	50.2	7.6	12.
18.6	60.0	6243.7	475.0	-14.2	-23.9	197.2	11.6	1.5	11.7	325.3	328.6	1.8	58.7	8.4	13.
20.3	63.4	6654.0	450	-18.2	-29.4	195.5	12.4	3.3	11.9	328.5	329.7	0.3	12.7	10.8	13.
21.9	65.9	7089.0	425	-15.9	-27.4	213.8	10.6	5.9	8.8	330.9	332.3	0.4	17.1	11.9	14.
23.7	70.5	7542.7	400.	3.5	-38.5	217.0	10.2	6.1	8.1	331.2	332.5	0.4	22.5	12.9	16.
25.4	74.1	8019.8	375.	3.0	-45.3	217.9	9.5	5.8	7.5	332.9	333.6	0.2	15.2	14.0	17.
27.4	79.4	8521.3	350.0	-1.0	-47.6	228.9	9.5	7.2	6.3	334.8	335.4	0.2	16.7	15.0	19.
29.4	82.5	9053.7	325.0	-30.4	-50.2	219.2	10.2	6.8	8.4	335.2	335.7	0.1	20.5	16.1	21.
31.4	86.9	9614.3	300.0	-35.6	99.9	215.1	14.3	8.4	11.6	335.8	999.9	99.9	955.9	17.7	23.
33.5	91.6	10214.9	275.0	-41.0	99.9	212.4	14.7	7.9	12.0	336.7	999.9	99.9	955.9	19.4	24.
35.6	96.4	10855.0	250.0	-46.7	99.9	212.1	14.2	7.5	12.4	340.1	999.9	99.9	955.9	21.3	24.
37.9	101.5	11545.2	225.0	-51.2	99.9	215.0	16.4	9.4	13.4	345.6	999.9	99.9	955.9	23.6	25.
40.4	107.4	12307.0	200.0	-55.0	99.9	230.3	10.3	7.9	6.5	349.8	999.9	99.9	955.9	25.8	27.
43.3	113.5	13144.6	175.0	-50.7	99.9	235.5	12.6	10.4	7.1	359.3	999.9	99.9	955.9	28.2	28.
45.6	120.3	14095.4	150.0	-54.3	99.9	239.3	6.3	5.4	3.2	379.4	999.9	99.9	955.9	30.0	31.
50.3	129.0	15210.9	125.0	-63.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

9 JUNE 1977  
1800 GMT

122 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	771.0	925.5	34.5	20.5	190.0	8.0	1.4	7.9	314.5	361.2	16.6	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	13.2	775.9	925.0	34.4*	99.9	999.9	99.9	99.9	99.9	314.5	361.2	16.6	44.0	0.0	0.
0.8	15.5	1021.2	900.0	28.7	99.9	999.9	99.9	99.9	99.9	311.1	361.2	16.6	44.0	0.0	0.
2.2	17.8	1270.5	875.0	26.1	12.8	195.3	8.5	2.3	8.2	310.9	341.0	10.7	43.7	1.1	13.
3.8	20.3	1525.2	850.0	23.6	11.6	181.8	7.5	0.2	7.5	310.9	339.7	10.2	47.0	1.8	11.
5.1	22.7	1785.1	825.0	21.0	10.4	183.1	8.2	0.4	8.1	310.9	338.2	9.7	50.7	2.4	9.
6.3	25.2	2050.8	800.0	18.7	8.6	178.7	7.1	-0.2	7.1	311.1	336.2	8.8	51.9	3.0	8.
7.5	27.6	2322.8	775.0	16.8	6.4	190.7	7.4	1.4	7.3	311.9	334.3	7.8	50.4	3.5	7.
8.7	30.2	2601.2	750.0	14.1	4.4	194.5	8.9	2.2	8.7	311.9	332.2	7.0	52.2	4.1	8.
9.8	32.9	2886.5	725.0	11.7	2.4	198.6	7.4	2.4	7.0	312.3	330.7	6.3	52.7	4.6	9.
11.0	35.5	3179.1	700.0	9.2	-0.5	209.4	7.2	3.4	6.3	312.7	328.2	5.3	50.4	5.1	10.
12.2	38.3	3479.2	675.0	6.8	-5.7	212.2	7.3	4.2	6.6	313.3	324.5	3.7	40.3	5.6	12.
13.4	40.9	3787.9	650.0	4.4	-7.2	216.4	8.1	4.8	6.5	314.0	324.4	3.4	42.4	6.1	14.
14.7	43.8	4104.5	625.0	2.5	-12.0	200.6	7.6	2.7	7.1	315.4	322.9	2.4	33.2	6.7	16.
16.0	46.7	4425.5	600.0	1.1	-10.9	199.5	12.2	4.1	11.5	317.4	326.1	2.8	40.6	7.4	16.
17.3	49.8	4776.6	575.0	-1.6	-8.8	192.1	14.2	3.0	13.9	318.1	328.7	3.4	58.0	8.5	16.
19.6	52.6	5130.0	550.0	-3.2	-10.6	192.4	14.5	3.1	14.2	320.3	330.0	3.1	56.5	9.8	15.
20.0	55.4	5496.8	525.0	-5.6	-15.1	196.5	10.2	2.9	9.8	321.8	329.0	2.3	47.2	10.8	15.
21.5	58.8	5878.4	500.0	-7.4	-18.2	191.7	11.3	2.3	11.0	324.0	330.0	1.8	41.5	11.6	15.
22.9	62.0	6276.3	475.0	-10.1	-19.9	177.7	12.4	-0.5	12.4	325.5	331.0	1.7	44.3	12.7	15.
24.4	65.3	6691.1	450.0	-13.1	-24.0	173.8	13.6	-1.5	13.5	326.7	330.9	1.2	39.6	13.7	13.
26.0	68.7	7124.4	425.0	-16.1	-25.2	173.4	15.0	-1.7	14.9	328.4	332.3	1.2	44.9	15.0	11.
27.6	72.1	7578.0	400.0	-19.6	-28.8	177.4	13.6	-0.6	13.6	329.5	332.5	0.9	43.9	16.4	9.
29.5	76.0	8053.5	375.0	-24.0	-30.0	189.0	9.5	1.3	9.4	329.8	332.7	0.8	57.8	17.7	9.
31.4	79.8	8552.4	350.0	-28.5	-35.5	184.4	8.4	0.6	8.4	330.4	332.2	0.5	50.6	18.7	9.
33.4	83.7	9080.7	325.0	-31.5	-42.6	193.7	8.0	1.9	7.8	333.3	334.3	0.3	32.0	19.7	9.
35.6	87.8	9641.0	300.0	-36.7	-47.4	204.3	9.5	3.9	8.7	333.6	334.3	0.2	31.7	20.7	10.
38.1	92.3	10237.5	275.0	-41.7	99.9	217.5	11.2	6.8	8.9	334.9	999.9	99.9	999.9	22.2	11.
40.6	96.8	10875.8	250.0	-46.8	99.9	234.1	11.0	8.9	6.4	336.5	999.9	99.9	999.9	23.6	13.
43.5	101.6	11564.9	225.0	-51.4	99.9	223.0	14.0	9.5	10.2	339.7	999.9	99.9	999.9	25.3	16.
46.3	107.0	12325.2	200.0	-55.1	99.9	222.2	12.1	8.1	9.0	345.6	999.9	99.9	999.9	27.2	18.
49.6	112.8	13165.9	175.0	-61.0	99.9	239.9	13.3	11.3	6.9	349.2	999.9	99.9	999.9	29.5	21.
53.2	119.0	14116.4	150.0	-63.0	99.9	223.5	6.7	4.6	4.8	361.5	999.9	99.9	999.9	31.1	23.
57.3	125.8	15240.9	125.0	-63.9	99.9	312.4	4.0	2.9	-2.7	379.3	999.9	99.9	999.9	32.2	24.
62.4	133.7	16592.6	100.0	-67.7	99.9	999.9	99.9	99.9	99.9	397.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

9 JUNE 1977  
1804 GMT

125 89. 0

TIME MIN	CNTCT	HFIGHT GOM	PPES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	595.0	945.5	33.5	14.5	190.0	7.7	0.0	7.7	311.6	342.9	11.1	32.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	12.5	721.6	925.0	30.6	13.1	214.0	10.6	6.0	8.8	310.5	339.7	10.3	34.3	0.3	13.
1.3	14.6	1026.1	900.0	28.2	12.9	207.9	8.3	3.4	7.6	310.6	340.2	10.5	39.0	0.6	24.
1.9	16.4	1274.9	875.0	25.1	11.9	193.0	9.0	2.0	8.8	309.8	338.1	10.1	43.2	1.0	22.
2.5	18.6	1528.2	850.0	23.1	12.2	177.9	8.4	-0.3	8.4	310.4	340.1	10.6	50.2	1.3	18.
3.1	20.7	1789.3	825.0	20.4	11.6	173.7	9.0	-1.1	9.0	310.1	339.5	10.5	57.0	1.6	13.
3.6	22.8	2043.2	800.0	17.6	10.9	174.3	8.7	-0.9	8.6	310.0	338.9	10.3	64.5	1.8	10.
4.3	25.2	2324.1	775.0	15.3	6.8	175.8	6.5	-0.5	6.5	310.3	333.6	8.2	57.7	2.1	8.
5.2	27.7	2601.3	750.0	13.5	-0.3	187.5	6.0	0.8	6.0	311.2	325.9	5.0	26.8	2.4	7.
6.4	29.7	2885.4	725.0	11.0	-4.2	196.8	7.8	0.9	7.8	311.5	323.0	3.9	34.2	2.9	7.
7.4	32.2	3177.1	700.0	9.1	-5.9	185.2	8.5	0.9	8.4	312.6	323.1	3.5	34.0	3.5	7.
8.6	34.6	3477.5	675.0	7.0	-4.0	183.4	8.1	0.5	8.1	313.5	326.1	4.2	45.8	4.0	7.
9.8	36.9	3786.8	650.0	5.0	-2.1	190.7	9.3	0.1	9.3	314.7	329.7	5.0	59.7	4.7	6.
11.2	39.6	4104.3	625.0	3.3	-5.0	185.0	9.2	0.8	9.2	316.2	329.0	4.2	54.5	5.4	5.
12.5	42.0	4435.5	600.0	1.8	-7.1	203.8	9.4	3.8	8.6	318.2	329.7	3.8	51.6	6.1	6.
14.0	44.8	4779.1	575.0	0.0	-13.5	196.0	10.9	3.0	10.4	320.0	327.4	2.3	35.2	7.0	8.
15.3	47.7	5177.5	550.0	-2.5	-26.7	192.2	11.5	2.4	11.2	321.1	323.7	0.8	13.5	7.9	9.
16.6	50.5	5501.2	525.0	-4.5	-30.0	189.1	12.5	2.0	12.3	323.1	325.1	0.6	11.4	8.8	9.
18.1	53.5	5883.0	500.0	-7.8	-18.9	199.2	12.1	3.8	11.5	323.6	329.2	1.7	40.1	10.0	9.
19.7	56.4	6280.3	475.0	-10.3	-22.0	187.8	11.1	1.5	11.0	325.2	329.9	1.4	37.7	11.0	10.
21.3	59.6	6695.1	450.0	-12.8	-20.9	190.2	12.8	0.1	12.8	327.2	332.6	1.6	50.3	12.2	9.
22.9	63.0	7128.4	425.0	-15.1	-23.4	193.4	14.3	0.9	14.3	329.3	332.9	1.4	53.1	13.5	9.
24.4	66.3	7581.8	400.0	-17.4	-28.4	182.0	14.2	0.5	14.2	329.4	332.5	0.9	45.7	14.8	8.
26.1	70.0	8057.4	375.0	-19.7	-31.6	180.4	14.3	0.1	14.3	330.4	333.0	0.7	47.4	16.2	8.
28.1	73.7	8559.5	350.0	-22.0	-45.5	192.1	9.9	2.1	9.6	334.3	335.0	0.2	13.4	17.6	7.
29.9	77.7	9097.7	325.0	-24.0	-53.1	224.3	12.3	8.6	8.8	336.8	337.1	0.1	7.6	18.8	8.
31.8	81.8	9659.8	300.0	-26.2	-54.1	232.9	13.6	10.8	8.2	337.1	337.4	0.1	11.3	19.8	11.
33.9	84.2	10262.9	275.0	-28.3	-39.3	239.8	12.8	11.1	6.5	338.4	999.9	99.9	999.9	21.1	15.
36.2	91.0	10907.7	250.0	-30.2	-45.2	231.5	13.1	10.2	8.1	338.9	999.9	99.9	999.9	22.3	18.
38.7	95.0	11601.0	225.0	-31.6	-39.9	207.7	17.1	12.7	11.5	339.4	999.9	99.9	999.9	24.3	20.
41.4	101.3	12357.9	200.0	-33.9	-55.9	224.1	13.9	9.7	10.0	344.2	999.9	99.9	999.9	26.8	23.
44.7	107.3	13200.7	175.0	-35.9	-39.9	234.0	11.5	9.3	6.8	351.1	999.9	99.9	999.9	29.2	25.
48.1	114.0	14155.7	150.0	-38.3	-39.9	247.6	10.8	10.0	4.1	361.0	999.9	99.9	999.9	31.4	27.
52.3	121.3	15273.4	125.0	-40.6	-39.9	230.9	5.0	3.8	3.1	378.0	999.9	99.9	999.9	32.9	29.
57.5	130.0	16626.4	100.0	-42.2	-39.9	210.9	1.9	1.0	1.7	396.0	999.9	99.9	999.9	33.7	31.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JUNE 1977

119 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	781.0	923.1	32.8	13.4	200.0	5.3	1.8	5.0	313.0	343.1	10.6	31.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	14.3	1008.5	900.0	30.2	12.8	999.9	99.9	99.9	99.9	312.6	342.2	10.4	34.5	999.9	999.9
1.4	16.3	1259.3	875.0	27.5	12.2	999.9	99.9	99.9	99.9	312.4	341.6	10.3	38.8	999.9	999.9
2.2	18.5	1515.0	850.0	25.1	11.9	203.1	7.4	2.9	6.8	312.4	341.9	10.4	43.9	1.1	15.
2.9	20.6	1776.4	825.0	22.6	11.4	199.3	8.4	2.8	7.9	312.5	341.9	10.4	49.2	1.4	17.
3.5	22.9	2043.3	800.0	19.9	10.5	186.2	9.4	1.0	9.4	312.4	340.9	10.1	54.7	1.7	16.
4.2	25.2	2316.4	775.0	17.5	9.5	180.7	8.9	0.1	8.9	312.7	340.3	9.7	59.4	2.1	14.
5.0	27.5	2595.7	750.0	14.6	7.1	179.8	7.7	-0.0	7.7	312.4	336.9	8.6	61.1	2.5	11.
6.0	30.0	2891.3	725.0	12.0	3.6	179.4	5.8	-0.1	6.8	312.7	332.6	6.9	56.1	2.9	10.
7.0	32.5	3175.1	700.0	10.4	3.5	194.3	6.9	0.5	6.9	314.1	334.6	7.1	62.0	3.3	8.
8.1	35.1	3477.1	675.0	8.4	-0.4	200.1	9.1	3.1	8.6	315.1	331.5	5.5	53.5	3.8	9.
9.2	37.5	3798.3	650.0	6.3	-2.3	206.2	11.5	5.1	10.4	316.1	331.0	5.0	54.0	4.5	11.
10.3	40.2	4108.9	625.0	4.1	-2.7	208.4	10.4	5.0	9.2	317.1	332.2	5.0	61.1	5.2	14.
11.6	42.8	4440.4	600.0	2.5	-6.5	208.5	9.0	4.3	7.9	319.0	333.0	4.6	59.8	5.9	16.
12.8	45.6	4783.7	575.0	0.3	-6.6	211.5	8.6	4.5	7.4	320.3	332.8	4.1	59.7	6.5	17.
14.0	48.5	5138.8	550.0	-2.2	-7.0	206.4	11.7	5.2	10.5	321.5	334.3	4.1	65.2	7.3	18.
15.3	51.3	5507.6	525.0	-4.6	-10.3	199.9	12.0	4.1	11.3	322.9	333.4	3.3	64.2	8.2	19.
16.6	54.4	5899.9	500.0	-7.3	-14.5	200.7	10.4	3.7	9.7	324.1	332.1	2.5	56.4	9.1	19.
18.0	57.4	6299.2	475.0	-9.4	-20.6	190.4	9.1	3.0	8.6	326.3	331.5	1.6	39.9	9.8	19.
19.4	60.6	6704.1	450.0	-12.0	-27.8	162.5	16.0	3.5	15.6	328.2	331.2	0.9	26.0	10.8	19.
21.1	64.0	7139.2	425.0	-15.0	-27.8	165.8	17.6	2.1	17.5	329.8	332.9	0.9	32.5	12.8	17.
22.7	67.4	7596.4	400.0	-17.3	-37.7	195.0	13.6	3.6	13.4	332.6	333.9	0.4	15.0	14.1	16.
24.3	70.9	8076.3	375.0	-21.3	-38.3	195.2	9.4	2.5	9.0	333.4	334.7	0.4	15.8	15.4	16.
26.2	74.7	8581.6	350.0	-25.3	-44.3	215.2	7.1	4.1	5.8	334.6	335.4	0.2	14.9	15.9	17.
27.9	78.7	9115.6	325.0	-29.1	-45.5	228.6	14.4	10.8	9.5	336.5	337.3	0.2	17.8	16.9	18.
29.7	82.7	9683.7	300.0	-33.2	-51.0	229.9	15.0	11.5	9.7	338.6	335.0	0.1	14.8	18.6	21.
31.4	86.8	10288.2	275.0	-38.9	-57.2	236.5	14.8	12.4	8.2	338.9	339.3	0.1	20.0	19.9	24.
33.6	91.6	10974.1	250.0	-44.5	99.9	219.5	14.3	9.1	11.0	339.9	599.9	99.9	955.9	21.5	26.
35.8	96.5	11672.5	225.0	-49.9	99.5	239.4	11.2	9.5	5.9	342.2	999.9	99.9	955.9	22.9	27.
37.9	101.8	12305.8	200.0	-53.6	99.5	223.9	15.2	10.5	10.9	347.9	999.9	99.9	999.9	24.6	28.
40.4	107.8	13245.0	175.0	-58.7	99.9	230.7	14.1	10.9	8.9	353.1	999.9	99.9	995.9	27.0	31.
43.4	114.3	14207.8	150.0	-61.1	99.5	232.0	12.9	10.2	8.0	364.8	999.9	99.9	999.9	29.3	33.
46.6	121.7	15399.6	125.0	-61.1	99.9	289.5	3.6	3.5	-1.2	384.4	999.9	99.9	955.9	31.0	34.
50.4	130.0	16709.0	100.0	-65.5	99.9	999.9	99.9	99.9	99.9	399.2	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	95.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JUNE 1977  
2045 GMT

126 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	973.0	911.6	33.9	10.5	170.0	7.8	-1.4	7.7	315.3	340.7	8.8	24.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	14.8	939.8	900.0	32.4	10.7	199.9	9.4	3.2	8.9	314.9	341.0	9.1	26.5	0.3	1.
1.5	17.0	1240.5	875.0	28.7	9.6	173.5	9.0	-1.0	9.0	313.6	338.4	8.6	30.3	0.8	8.
2.4	19.4	1407.3	850.0	26.5	8.8	175.6	9.2	-0.7	9.2	313.9	339.2	8.4	32.9	1.3	1.
3.2	21.6	1759.4	825.0	23.8	8.4	176.4	9.3	-0.6	9.2	313.7	338.1	8.5	37.6	1.8	0.
3.8	24.1	2037.1	800.0	21.1	7.4	170.5	9.5	-1.6	9.5	313.6	337.0	8.1	41.3	2.1	359.
4.4	26.4	2300.9	775.0	18.4	7.3	168.0	9.7	-1.8	8.5	313.6	337.5	8.3	48.3	2.5	358.
5.3	29.0	2590.7	750.0	15.4	6.3	159.5	7.5	-2.6	7.0	313.4	336.5	8.0	54.4	2.8	356.
6.0	31.7	2867.5	725.0	12.7	5.5	152.9	7.5	-3.4	6.7	313.4	336.1	7.9	61.7	3.2	354.
6.8	34.3	3161.2	700.0	9.9	5.2	157.6	7.6	-2.9	7.0	313.5	336.5	8.0	72.5	3.5	352.
7.7	35.9	3452.5	675.0	5.9	5.1	170.5	6.7	-1.1	6.6	313.4	337.1	8.2	88.3	3.9	350.
9.1	39.9	3772.5	650.0	4.9	0.7	209.2	6.3	3.1	5.5	314.4	332.6	6.2	74.4	4.4	353.
10.5	42.3	4011.8	625.0	2.7	-1.9	225.3	6.8	4.9	4.8	315.5	331.5	5.4	71.8	4.8	358.
12.2	45.3	4431.4	600.0	0.9	-6.2	256.2	5.0	3.6	3.5	317.2	329.3	4.0	58.8	5.2	3.
13.4	49.4	4742.7	575.0	-1.7	-8.5	229.7	4.0	3.1	2.6	318.0	328.8	3.5	55.6	5.4	6.
14.6	51.3	5114.6	550.0	-4.5	-8.2	235.1	4.1	3.4	2.3	318.7	330.3	3.8	75.7	5.6	8.
15.7	54.4	5479.6	525.0	-7.1	-11.4	229.2	5.8	4.3	3.9	319.9	329.4	3.1	71.7	5.9	10.
17.2	57.5	5858.8	500.0	-8.9	-19.7	237.9	6.5	5.5	3.5	322.2	327.5	1.6	41.7	6.3	13.
19.1	60.9	6255.9	475.0	-9.5	-25.1	236.4	7.9	6.6	4.3	326.2	329.8	1.0	26.7	6.9	19.
20.8	64.4	6571.9	450.0	12.2	-29.0	229.6	9.2	7.0	5.9	327.9	330.6	0.8	23.1	7.6	22.
22.3	67.9	7106.0	425.0	12.2	-27.7	228.3	10.1	7.6	6.7	329.7	331.8	0.9	35.2	8.4	25.
23.9	71.4	7550.1	400.0	12.2	-29.5	232.1	10.3	8.2	6.3	329.9	332.8	0.8	35.9	9.3	27.
25.9	75.3	8036.5	375.0	12.2	-32.8	223.0	8.5	5.8	6.2	331.4	333.6	0.6	39.3	10.3	30.
29.0	79.5	8535.8	350.0	-26.5	-37.8	211.1	8.8	4.6	6.2	333.0	334.5	0.4	33.5	11.4	30.
30.3	83.5	9070.8	325.0	-30.2	-42.8	216.0	9.9	5.2	7.2	335.1	335.1	0.3	27.7	12.6	31.
32.6	88.0	9634.0	300.0	-35.4	-45.2	210.8	11.2	5.9	9.9	335.4	336.3	0.2	35.8	13.9	31.
34.7	92.8	10233.1	275.0	-40.9	99.9	209.1	15.2	7.4	13.3	336.0	999.9	99.9	999.9	15.7	31.
37.2	97.6	10874.3	250.0	-45.9	99.9	207.4	14.0	6.4	12.4	337.8	999.9	99.9	999.9	17.8	30.
40.0	103.0	11569.4	225.0	-50.3	99.9	205.3	13.4	5.7	12.1	341.5	999.9	99.9	999.9	20.3	30.
42.8	109.8	12328.5	200.0	-55.0	99.9	215.8	13.6	8.0	11.0	345.7	999.9	99.9	999.9	22.8	29.
45.2	115.0	13173.5	175.0	-59.1	99.9	230.4	13.8	10.7	8.8	352.4	999.9	99.9	999.9	25.4	31.
50.0	122.0	14132.5	150.0	-62.3	99.9	245.1	12.1	11.0	5.1	362.7	999.9	99.9	999.9	28.4	34.
54.1	129.7	15253.0	125.0	-63.6	99.9	243.2	5.3	5.2	0.6	379.9	999.9	99.9	999.9	30.5	37.
59.5	134.0	16405.1	100.0	-68.0	99.9	999.9	99.9	99.9	99.9	396.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JUNE 1977  
2100 GMT

129 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	771.0	924.1	34.7	17.0	180.0	11.0	0.0	11.6	314.5	352.6	13.3	35.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.0	16.3	1007.7	900.0	31.1	13.0	999.9	99.9	99.9	99.9	313.6	343.6	10.6	33.2	999.9	999.
2.0	18.9	1259.4	875.0	29.7	11.6	180.0	10.9	-0.0	10.9	313.7	341.9	9.9	34.6	1.3	1.
2.7	21.3	1515.3	850.0	26.4	10.4	173.9	10.3	-1.1	10.2	313.8	340.8	9.4	36.7	1.8	0.
3.5	24.0	1779.5	825.0	23.8	9.5	174.2	10.5	-1.1	10.5	313.7	339.7	9.1	40.2	2.3	358.
4.3	25.6	2046.6	800.0	21.2	8.2	170.5	9.6	-1.6	9.5	313.8	339.4	8.9	44.9	2.8	358.
5.4	29.3	2320.5	775.0	18.4	7.8	180.5	9.8	0.1	9.8	313.6	338.3	8.6	50.0	3.4	357.
6.6	32.1	2600.6	750.0	15.6	6.5	192.5	10.2	2.2	9.9	313.5	337.0	8.2	54.7	4.1	359.
7.7	35.0	2897.1	725.0	12.8	5.2	182.2	10.0	1.4	9.9	313.5	335.8	7.7	60.2	4.8	1.
8.9	37.8	3180.7	700.0	9.3	4.4	184.3	9.0	0.7	9.0	312.8	334.5	7.5	71.2	5.5	1.
10.1	40.6	3481.7	675.0	7.0	3.4	198.7	8.0	2.6	7.6	313.5	334.6	7.3	77.4	6.1	2.
11.2	43.5	3791.3	650.0	4.6	0.6	220.1	8.1	5.2	6.2	314.1	332.2	6.2	75.3	6.5	4.
12.4	46.6	4110.1	625.0	2.3	-1.5	230.6	8.6	6.6	5.5	315.1	331.4	5.5	75.6	7.0	7.
13.7	49.8	4438.9	600.0	0.0	-4.5	226.3	9.4	6.8	6.5	316.2	329.9	4.6	71.5	7.5	11.
15.0	52.8	4779.5	575.0	-1.5	-8.5	219.3	10.4	6.4	8.1	318.2	329.0	3.5	59.0	8.2	14.
16.2	55.9	5132.9	550.0	-3.2	-13.6	205.8	10.2	4.4	9.2	320.3	328.1	2.4	44.3	8.9	15.
17.4	59.1	5490.4	525.0	-5.8	-14.2	194.1	10.7	2.6	10.4	321.4	328.8	2.3	49.2	9.7	16.
18.9	62.7	5879.7	500.0	-8.7	-21.8	190.0	9.2	1.7	9.6	322.4	326.8	1.3	33.9	10.6	15.
20.4	66.0	6275.6	475.0	-11.0	-22.2	191.9	10.5	2.2	10.3	324.4	328.9	1.4	39.0	11.4	15.
21.7	69.7	6689.2	450.0	-13.1	-24.5	193.0	14.2	3.2	13.8	326.8	330.8	1.2	37.4	12.4	15.
23.1	73.2	7122.1	425.0	-16.7	-27.6	205.7	12.8	5.5	11.5	327.5	330.7	0.9	32.1	13.5	15.
24.7	77.1	7575.3	400.0	-18.6	-36.6	209.2	11.6	5.5	10.2	330.8	332.3	0.4	18.6	14.6	16.
26.5	80.9	8053.0	375.0	-22.7	-38.0	201.3	10.4	3.8	9.7	331.5	332.9	0.4	23.2	15.8	17.
28.6	85.1	8554.5	350.0	-27.3	-42.5	199.9	8.4	2.9	7.9	331.9	332.9	0.3	21.9	17.1	17.
30.6	89.2	9083.3	325.0	-31.3	-45.8	219.4	9.8	5.6	6.8	333.6	334.3	0.2	22.2	18.0	17.
32.7	93.8	9646.0	300.0	-35.6	-48.6	224.5	14.2	9.9	10.1	335.2	335.7	0.1	24.8	19.4	20.
34.9	98.4	10244.4	275.0	-41.0	99.9	224.1	17.3	12.0	12.4	335.8	999.9	99.9	999.9	21.1	22.
37.2	103.2	10844.6	250.0	-46.4	99.9	214.1	18.4	10.3	15.2	337.1	999.9	99.9	999.9	23.5	24.
40.0	108.6	11576.9	225.0	-50.8	99.9	218.8	15.8	9.9	12.3	340.6	999.9	99.9	999.9	26.2	25.
43.0	114.2	12376.0	200.0	-55.9	99.9	246.4	12.7	11.7	5.1	344.2	999.9	99.9	999.9	28.7	28.
46.4	120.3	13176.1	175.0	-61.1	99.9	232.2	15.3	12.0	9.4	349.2	999.9	99.9	999.9	30.8	30.
49.8	126.8	14129.0	150.0	-63.3	99.9	259.4	11.1	10.9	2.0	361.1	999.9	99.9	999.9	33.1	33.
54.0	134.0	15247.8	125.0	-64.5	99.9	241.4	5.4	4.7	2.6	378.2	999.9	99.9	999.9	35.1	35.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

9 JUNE 1977  
2104 GMT

124 91. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	595.0	943.4	35.4	13.0	90.0	7.7	-7.7	0.0	313.7	342.4	10.0	26.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	12.5	763.0	925.0	31.9	12.9	155.0	9.2	-3.5	7.4	311.9	340.7	10.2	31.5	0.5	328.
1.6	14.7	1008.2	900.0	29.4	11.7	161.4	9.2	-2.9	8.7	311.8	339.2	9.7	33.6	1.0	333.
2.5	16.5	1258.2	875.0	26.4	11.2	166.2	10.0	-2.4	9.7	311.2	338.5	9.6	38.6	1.5	337.
3.5	18.7	1517.9	850.0	24.1	10.5	162.7	9.2	-2.7	8.8	311.4	338.1	9.4	42.2	2.1	339.
4.3	20.8	1773.3	825.0	21.7	9.6	169.6	10.2	-1.8	10.0	311.5	337.5	9.1	45.9	2.6	340.
5.1	23.0	2039.2	800.0	19.2	9.0	169.9	8.8	-1.5	8.7	311.7	337.4	9.1	51.4	3.0	342.
5.9	25.3	2311.6	775.0	16.7	8.0	170.5	9.3	-1.5	9.2	311.7	336.7	8.7	56.6	3.5	343.
7.1	27.5	2590.0	750.0	13.3	7.0	181.1	9.4	0.2	9.4	311.1	335.1	8.4	65.5	4.1	345.
9.3	30.0	2874.0	725.0	10.8	3.5	180.7	9.1	0.1	9.1	311.3	330.9	6.8	60.5	4.8	347.
9.4	32.5	3166.6	700.0	9.2	1.0	186.4	7.7	0.9	7.7	312.8	330.1	5.9	56.0	5.3	349.
10.4	35.0	3467.6	675.0	7.6	-2.7	199.1	7.3	2.4	6.9	314.1	327.9	4.6	48.0	5.7	351.
11.5	37.4	3777.6	650.0	5.4	-5.1	196.2	8.0	2.2	7.7	315.1	327.3	4.0	46.7	6.1	353.
12.6	40.2	4097.3	625.0	3.4	-4.8	201.3	8.5	3.2	8.3	316.3	329.3	4.3	54.9	6.7	355.
13.9	42.7	4427.5	600.0	1.4	-5.8	214.2	8.8	4.9	7.3	317.8	330.4	4.2	58.7	7.2	358.
15.2	45.4	4769.3	575.0	-0.7	-6.6	208.6	7.9	3.8	7.0	319.2	331.6	4.1	64.2	7.8	1.
16.5	48.4	5122.9	550.0	-3.3	-10.1	198.8	9.5	2.7	8.1	320.2	330.3	3.2	59.3	8.3	2.
17.8	51.1	5489.2	525.0	-6.1	-13.2	192.3	9.6	2.1	9.4	321.1	329.5	2.6	66.8	9.1	4.
19.3	54.3	5870.2	500.0	-7.8	-22.9	193.6	9.2	2.2	8.9	323.6	327.6	1.2	28.4	9.9	4.
20.6	57.2	6269.0	475.0	-9.6	-23.8	200.4	11.2	3.9	10.5	326.1	330.1	1.2	30.2	10.7	5.
22.2	60.4	6683.4	450.0	-7.6	-23.0	208.4	11.6	5.5	10.2	327.5	332.0	1.3	41.2	11.7	7.
23.9	63.9	7117.5	425.0	-1.1	-27.3	214.4	12.4	7.0	10.3	329.2	332.5	0.9	35.1	12.8	9.
25.6	67.1	7571.6	400.0	-1.1	-29.4	211.7	12.3	6.5	10.5	329.6	332.5	0.8	40.8	14.0	11.
27.2	70.7	8048.4	375.0	-22.1	-35.6	213.7	11.9	6.6	9.9	331.6	333.3	0.5	29.5	15.1	13.
29.0	74.5	8550.7	350.0	-26.5	-37.7	225.7	12.0	8.6	8.4	333.0	334.5	0.4	33.8	16.3	15.
31.0	78.5	9093.3	325.0	-29.7	-42.6	229.3	12.6	9.6	8.2	335.8	336.8	0.3	26.8	17.6	18.
33.0	82.6	9648.0	300.0	-35.0	-46.3	222.0	10.3	6.9	7.7	336.1	336.8	0.2	30.1	18.7	20.
35.2	86.8	10248.0	275.0	-40.4	99.9	215.7	13.8	8.0	11.2	336.7	999.9	99.9	999.9	20.2	21.
37.4	91.6	10890.1	250.0	-46.2	99.9	216.2	16.1	9.5	13.0	337.4	999.9	99.9	999.9	22.1	22.
40.0	96.6	11580.9	225.0	-52.0	99.9	214.5	15.3	8.7	12.6	338.8	999.9	99.9	999.9	24.4	24.
43.0	102.0	12335.1	200.0	-56.2	99.9	224.1	13.8	9.6	9.9	343.8	999.9	99.9	999.9	27.0	25.
46.0	108.0	13178.2	175.0	-59.5	99.9	229.3	11.4	8.5	7.6	351.8	999.9	99.9	999.9	29.0	27.
49.7	114.7	14131.4	150.0	-64.2	99.9	242.8	12.3	10.9	5.6	359.5	999.9	99.9	999.9	31.4	29.
53.9	122.0	15243.0	125.0	-65.4	99.9	233.0	8.1	6.4	4.9	376.6	999.9	99.9	999.9	33.6	31.
59.2	130.7	16589.0	100.0	-68.6	99.9	250.3	4.4	4.2	1.5	395.3	999.9	99.9	999.9	35.0	33.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JUNE 1977  
2100 GMT

117 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GEM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCVP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	781.0	922.0	34.4	10.9	180.0	5.8	0.0	5.8	314.8	340.6	8.9	24.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	15.2	999.0	900.0	30.8	8.1	999.9	99.9	99.9	99.9	313.3	335.2	7.6	24.4	999.9	999.
1.3	17.3	1249.6	875.0	28.0	7.1	999.9	99.9	99.9	99.9	312.9	333.9	7.3	26.7	999.9	999.
2.2	19.5	1504.4	850.0	25.4	6.6	187.3	10.0	1.3	9.9	312.7	333.7	7.2	30.2	1.5	12.
3.1	21.5	1765.7	825.0	23.3	6.3	179.5	10.2	-0.1	10.2	313.2	334.4	7.3	33.4	2.1	9.
4.8	23.9	2032.9	800.0	20.9	6.5	179.7	10.7	-0.2	10.7	313.5	335.5	7.6	39.0	3.0	5.
6.2	26.0	2306.5	775.0	18.7	6.8	177.5	10.5	-0.5	10.5	313.9	337.2	8.1	46.0	4.1	4.
7.5	28.4	2587.1	750.0	16.1	6.6	175.4	9.0	-0.7	9.0	314.0	337.7	8.2	53.3	4.8	3.
8.6	30.9	2874.1	725.0	13.0	5.7	171.9	8.3	-1.2	8.2	313.8	336.8	8.0	61.1	5.3	2.
9.6	33.4	3159.3	700.0	10.2	5.0	181.0	9.7	0.2	9.7	313.8	336.5	7.9	70.0	5.8	1.
10.3	35.8	3470.7	675.0	8.6	3.9	191.6	9.9	2.0	9.7	315.3	337.4	7.6	72.3	6.3	1.
11.1	39.4	3791.9	650.0	5.6	2.9	204.1	8.4	3.4	7.7	315.3	336.5	7.3	82.9	6.7	3.
12.2	41.0	4101.7	625.0	3.0	0.3	211.4	8.1	4.2	6.9	315.9	334.4	6.3	82.3	7.2	4.
13.4	43.8	4432.4	600.0	1.2	-4.3	215.5	5.7	3.3	4.6	317.9	331.5	4.6	66.4	7.6	6.
14.7	46.6	4774.2	575.0	-0.8	-6.4	236.9	7.2	6.1	3.9	319.0	331.6	4.1	65.7	8.0	8.
16.2	49.6	5129.1	550.0	-2.8	-11.9	222.3	7.6	5.1	5.6	320.8	329.7	2.8	49.6	8.4	12.
17.5	52.4	5495.5	525.0	-4.8	-15.9	209.4	7.4	3.6	6.5	322.6	329.5	2.1	41.5	9.1	13.
19.7	55.4	5977.2	500.0	-7.7	-19.3	209.1	6.7	3.2	6.0	323.6	329.1	1.7	38.8	9.5	14.
20.1	58.5	6275.1	475.0	-9.2	-17.7	205.9	15.1	6.6	13.6	326.5	333.1	2.0	50.2	10.2	15.
21.5	61.8	6691.3	450.0	-11.7	-28.0	222.4	17.0	11.4	12.5	328.6	331.6	0.9	24.9	11.8	17.
22.9	65.1	7127.5	425.0	-13.9	-29.5	236.6	13.4	11.2	7.4	331.1	333.9	0.8	25.2	12.9	20.
24.3	68.6	7584.7	400.0	-17.9	-30.7	238.8	12.4	10.6	6.4	331.8	334.4	0.7	31.4	13.7	23.
26.0	72.0	8064.1	375.0	-21.1	-35.6	240.5	6.7	5.9	3.3	333.7	335.4	0.5	25.7	14.5	25.
27.9	75.9	8569.8	350.0	-25.6	-45.9	221.0	12.3	8.1	9.3	334.2	334.9	0.2	13.1	15.5	27.
29.8	80.0	9103.5	325.0	-28.8	-45.6	234.7	10.8	8.8	6.2	337.0	337.7	0.2	18.0	16.7	28.
31.7	83.9	9670.6	300.0	-33.9	-46.5	225.4	11.6	8.3	9.2	337.6	338.3	0.2	26.4	17.8	30.
33.7	89.2	10273.9	275.0	-39.1	99.9	211.8	16.7	8.9	14.2	338.6	999.9	99.9	999.9	19.4	31.
35.6	92.8	10919.2	250.0	-44.7	99.9	213.0	17.1	9.3	14.3	339.6	999.9	99.9	999.9	21.6	31.
38.1	97.6	11616.3	225.0	-49.4	99.9	216.5	17.1	10.1	13.7	342.7	999.9	99.9	999.9	24.0	31.
40.5	102.6	12387.0	200.0	-53.3	99.9	236.2	16.3	13.5	9.1	348.4	999.9	99.9	999.9	26.3	33.
43.3	108.5	13234.1	175.0	-57.3	99.9	243.2	14.0	12.5	6.3	355.4	999.9	99.9	999.9	28.5	35.
45.9	114.5	14200.0	150.0	-60.8	99.9	260.9	11.3	11.1	1.8	365.3	999.9	99.9	999.9	30.6	36.
49.3	121.3	15330.1	125.0	-62.7	99.9	236.7	9.6	8.0	5.2	381.5	999.9	99.9	999.9	31.6	39.
53.6	129.0	16697.9	100.0	-65.5	99.9	999.9	99.9	99.9	99.9	401.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPRATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JUNE 1977  
235C GMT

122 102.0 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	873.0	911.3	33.9	9.5	150.0	8.2	-4.1	7.1	315.3	339.8	8.4	23.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.3	14.6	985.4	900.0	21.7*	10.9	180.0	0.0	0.0	0.0	314.2	340.5	9.2	28.0	0.3	20.
1.3	16.7	1236.9	875.0	28.4	9.3	189.0	10.1	1.6	10.0	313.3	337.7	8.5	30.3	0.8	14.
2.5	19.1	1493.1	850.0	25.8	8.7	189.5	11.8	1.9	11.6	313.2	337.2	7.4	34.0	1.6	12.
3.4	21.3	1755.0	825.0	23.4	8.2	188.9	12.1	1.9	11.9	313.3	337.3	8.3	38.0	2.3	11.
4.3	23.7	2022.4	800.0	20.8	9.1	186.3	10.8	1.2	10.7	313.4	337.9	8.5	44.0	2.9	10.
5.1	25.9	2296.1	775.0	18.2	7.0	179.7	11.5	-0.3	11.5	313.4	336.9	8.1	47.7	3.4	9.
5.9	28.4	2576.3	750.0	15.6	6.7	169.5	10.4	-1.9	10.2	313.5	337.4	8.3	55.6	3.9	7.
6.7	30.8	2857.4	725.0	13.4	6.4	167.0	9.8	-2.2	9.5	314.2	338.3	8.4	62.5	4.4	5.
8.0	33.4	3157.9	700.0	10.5	5.7	164.8	9.2	-2.4	8.9	314.1	338.0	8.3	72.5	5.1	2.
9.3	35.9	3460.0	675.0	8.0	4.1	163.1	8.9	-2.6	8.4	314.6	336.8	7.6	76.2	5.7	360.
10.6	38.7	3770.7	650.0	5.1	3.7	179.7	5.8	-0.0	5.8	314.7	337.1	7.7	90.5	6.3	359.
11.9	41.2	4090.4	625.0	3.1	-1.2	221.5	4.5	3.0	3.4	316.0	332.7	5.6	73.7	6.7	360.
13.1	44.1	4420.3	600.0	0.9	-4.0	242.9	4.4	3.9	2.0	317.1	331.3	4.7	70.0	6.9	2.
14.2	47.0	4741.4	575.0	-1.1	-5.6	263.3	4.5	4.6	0.5	318.8	332.1	4.4	70.9	7.0	4.
15.4	50.1	5115.0	550.0	-3.4	-7.6	280.2	5.9	5.8	-1.0	320.0	332.1	3.9	72.6	7.0	8.
15.9	53.0	5491.0	525.0	-6.5	-8.2	290.8	5.7	5.6	-1.1	320.7	332.3	3.7	83.3	6.9	12.
19.1	56.0	5861.4	500.0	-9.1	-14.0	254.4	4.4	4.4	0.4	323.2	331.4	2.6	62.3	7.0	15.
19.6	59.3	6259.0	475.0	-9.7	-20.8	244.3	4.2	3.8	1.8	325.9	331.0	1.5	35.9	7.3	17.
21.1	62.7	6674.1	450.0	-12.5	-23.2	240.3	4.8	4.1	2.4	327.5	331.9	1.3	40.2	7.5	19.
22.7	65.0	7109.1	425.0	5.6	-26.2	231.5	7.3	5.7	4.6	328.9	332.5	1.1	39.7	8.0	22.
24.4	67.7	7562.7	400.0	5.6	-28.7	226.8	7.2	5.3	4.9	330.3	333.4	0.9	41.7	8.7	24.
25.9	73.3	8039.8	375.0	5.6	-29.5	230.2	6.0	4.6	3.9	331.8	334.9	0.9	52.7	9.2	26.
27.4	77.3	8543.7	350.0	5.6	-35.6	221.8	7.5	5.0	5.6	333.9	335.8	0.5	35.3	9.8	27.
29.1	81.3	9075.2	325.0	5.6	-39.5	213.5	8.9	4.9	7.4	334.5	336.0	0.4	45.9	10.6	28.
31.0	85.6	9618.6	300.0	5.6	-43.1	206.2	13.0	5.8	11.7	335.7	336.7	0.3	44.1	11.8	28.
33.2	90.0	10239.5	275.0	5.6	-45.9	207.6	12.4	5.8	11.0	337.5	338.4	0.2	51.5	13.5	28.
35.7	95.0	10892.1	250.0	5.6	-45.6	207.7	15.9	7.4	14.1	338.3	339.9	99.9	99.9	15.7	28.
38.2	100.0	11575.1	225.0	5.6	-50.7	215.9	12.7	7.4	10.3	340.9	339.9	99.9	99.9	17.8	28.
40.8	105.5	12335.4	200.0	5.6	-54.7	220.9	13.4	8.8	10.1	346.1	339.9	99.9	99.9	19.8	29.
43.8	111.5	13190.2	175.0	5.6	-59.9	229.0	11.5	8.7	7.6	351.7	339.9	99.9	99.9	21.8	31.
47.4	118.0	14178.7	150.0	5.6	-61.9	222.1	11.9	11.3	3.6	363.5	339.9	99.9	99.9	24.5	33.
50.9	125.5	15257.9	125.0	5.6	-65.6	209.9	5.2	5.2	0.0	376.2	339.9	99.9	99.9	25.9	37.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

10 JUNE 1977  
C GMT

131 97. 0

TIME MIN	CN'CT	WEIGHT GPM	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.9	771.0	523.1	33.4	18.0	160.0	10.2	-3.5	9.6	313.7	353.6	14.2	40.0	0.0	0.
99.9	90.9	99.0	1000.0	99.9	99.9	99.9	96.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	17.0	999.2	803.0	39.8	12.4	999.9	99.9	99.9	99.9	313.3	342.2	10.1	22.3	555.9	999.9
1.7	19.7	1249.7	875.0	28.4	10.5	999.9	99.9	99.9	99.9	313.3	339.6	9.2	32.9	999.9	999.9
2.5	22.2	1505.7	850.0	25.8	9.3	161.9	11.5	-3.6	11.1	313.2	338.1	8.7	35.2	1.8	346.
3.5	25.0	1757.2	825.0	23.2	8.2	167.7	11.5	-2.5	11.3	313.1	337.0	8.3	38.4	2.4	345.
4.3	27.6	2074.9	800.0	21.0	7.8	169.9	13.4	-2.3	13.2	313.6	337.6	8.4	42.4	3.0	346.
5.0	30.3	2304.7	775.0	18.6	7.1	179.1	13.3	-0.4	13.3	313.8	337.5	8.2	47.2	3.6	347.
5.9	33.1	2499.9	750.0	15.4	6.2	186.0	11.9	1.2	11.8	313.4	336.4	8.0	54.1	4.2	350.
6.9	35.0	2875.1	725.0	12.5	5.0	192.2	12.2	2.6	11.9	313.2	335.1	7.6	60.0	4.9	353.
7.9	38.9	3168.4	700.0	9.3	3.8	198.3	11.3	3.5	10.7	312.8	333.7	7.2	68.3	5.6	355.
9.0	41.6	3469.2	675.0	7.0	1.7	204.5	8.7	3.6	7.9	313.5	332.3	6.5	69.0	6.3	358.
10.3	44.6	3772.7	650.0	4.5	-0.2	217.8	5.2	3.2	4.1	314.0	331.2	5.8	71.6	6.7	1.
11.6	47.9	4097.3	625.0	2.0	-4.5	231.1	4.8	3.7	3.0	314.8	327.9	4.4	61.7	6.9	3.
12.7	50.9	4426.2	600.0	0.4	-8.8	243.5	4.2	3.8	1.9	316.6	325.1	4.1	63.1	7.1	5.
13.9	54.1	4745.8	575.0	-2.9	-8.5	240.6	5.5	4.8	2.7	316.7	324.4	3.5	64.4	7.2	7.
15.2	57.3	5119.1	550.0	-6.0	-10.2	232.9	6.3	5.0	3.8	319.4	329.3	3.2	61.8	7.6	10.
16.7	60.7	5484.0	525.0	-8.2	-11.9	223.1	7.7	5.3	5.6	321.0	330.2	2.9	63.9	8.1	12.
18.1	64.1	5843.8	500.0	-9.3	-12.6	213.0	7.5	4.1	6.3	321.7	330.9	2.9	76.9	8.7	14.
19.5	67.6	6299.5	475.0	-11.3	-15.8	219.2	9.5	5.9	7.5	324.0	331.6	2.3	65.4	9.3	16.
20.6	71.0	6672.2	450.0	-13.5	-28.7	230.1	8.5	6.5	5.5	326.3	329.0	0.8	26.4	9.9	17.
22.0	74.9	7104.9	425.0	-16.1	-29.9	243.8	8.4	7.5	3.7	328.4	331.0	0.7	29.2	10.5	20.
23.6	78.7	7559.6	400.0	-18.7	-32.7	236.5	9.1	7.6	5.0	330.7	332.9	0.6	27.8	11.1	23.
25.5	82.7	8034.4	375.0	-22.9	-36.2	235.4	10.4	8.6	5.9	331.3	332.9	0.5	28.4	11.9	25.
27.4	86.9	8538.4	350.0	-26.5	-39.7	234.0	10.0	8.1	5.9	333.0	334.3	0.3	27.2	13.0	28.
29.3	91.2	9049.1	325.0	-31.0	-43.2	225.6	12.6	9.0	8.8	334.0	334.9	0.2	28.6	14.2	30.
31.1	95.6	9531.0	300.0	-36.0	-45.7	223.5	15.6	10.8	11.3	334.6	335.4	0.2	35.7	15.7	32.
33.5	100.2	10229.0	275.0	-41.7	-49.9	223.5	15.1	10.4	10.9	334.9	335.4	95.9	955.9	17.9	33.
35.5	105.2	10864.8	250.0	-46.8	-54.8	217.0	17.3	10.4	13.8	336.5	336.5	99.9	995.9	20.7	34.
39.7	110.5	11559.0	225.0	-50.6	-59.9	227.1	14.4	10.6	9.8	340.9	339.9	99.9	995.9	23.8	35.
42.4	116.0	12317.0	200.0	-55.8	-64.9	232.9	10.2	8.1	6.1	344.4	344.4	99.9	995.9	25.3	36.
46.1	122.3	13159.4	175.0	-59.9	-69.9	235.0	12.9	10.6	7.4	351.0	349.9	99.9	999.9	27.8	38.
50.1	129.8	14116.1	150.0	-62.9	-74.9	264.1	8.7	8.6	0.9	361.7	349.9	99.9	995.9	30.4	40.
54.7	135.0	15226.5	125.0	-65.4	-79.5	257.5	5.5	5.4	1.2	374.8	349.9	99.9	995.9	31.7	43.
60.3	143.0	16572.4	100.0	-67.4	-84.9	999.0	99.9	99.9	99.9	397.6	349.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

10 JUNE 1977  
2 GMT

124 97. 0

D-56

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.8	585.0	942.8	34.0	16.4	0.0	0.0	0.0	0.0	312.4	347.6	12.6	35.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	13.5	755.8	925.0	32.0	10.5	174.5	9.6	-0.9	9.5	312.1	336.8	8.7	26.6	0.4	342.
1.6	15.8	1002.0	900.0	29.7	10.2	178.4	9.6	-0.3	9.6	312.1	337.1	8.8	30.0	1.0	351.
3.1	18.2	1251.8	875.0	26.7	9.6	179.4	9.7	-0.1	9.7	311.5	336.2	8.7	34.2	1.8	355.
5.2	20.6	1505.8	850.0	24.2	9.2	170.8	9.4	-1.5	9.3	311.5	336.2	8.7	38.7	3.0	356.
7.3	23.0	1766.8	825.0	21.3	9.5	165.7	10.2	-2.5	9.9	311.1	335.3	8.5	43.9	4.2	353.
9.3	25.4	2032.8	800.0	19.1	7.9	169.3	10.9	-2.2	10.6	311.5	335.5	8.4	48.2	5.5	351.
10.7	27.9	2304.7	775.0	16.7	6.8	173.1	11.4	-1.4	11.4	311.8	334.7	8.0	52.0	6.3	351.
11.7	30.6	2583.3	750.0	14.1	6.1	172.4	9.9	-1.3	9.8	311.9	334.6	7.9	55.4	7.0	351.
12.8	33.2	2869.4	725.0	11.3	5.1	175.9	9.0	-0.7	9.0	311.9	333.9	7.7	58.5	7.7	351.
14.1	35.8	3160.5	700.0	8.4	3.8	177.2	9.3	-0.5	9.3	311.8	332.7	7.2	72.6	8.3	352.
15.2	38.4	3460.5	675.0	6.4	-1.5	179.8	9.0	-0.0	9.0	312.9	328.3	5.3	88.5	9.0	352.
15.8	41.1	3769.8	650.0	5.7	-2.7	205.1	6.6	2.9	5.9	315.4	329.8	4.8	94.7	9.6	354.
19.0	43.8	4090.1	625.0	4.4	-5.6	216.9	6.6	3.9	5.2	317.5	329.8	4.0	98.1	10.0	355.
19.4	46.8	4421.2	600.0	1.8	-7.4	226.6	5.6	4.2	4.0	318.2	329.4	3.7	50.4	10.3	358.
20.6	49.7	4763.0	575.0	-1.0	-9.2	215.9	5.2	3.0	4.2	318.9	329.1	3.3	53.9	10.6	359.
22.1	52.4	5115.9	550.0	-2.8	-10.3	200.5	6.8	2.4	6.4	320.8	330.7	3.2	55.8	11.1	0.
23.4	55.4	5484.4	525.0	-5.1	-11.6	210.5	8.5	4.3	7.3	322.3	331.8	3.0	60.1	11.6	1.
24.8	58.6	5866.0	500.0	-8.1	-13.2	223.3	8.6	5.9	6.3	323.2	332.0	2.8	66.2	12.3	3.
25.4	61.9	6257.9	475.0	-9.4	-18.6	224.4	10.4	7.3	7.4	325.4	332.5	1.9	47.0	13.0	6.
29.2	65.2	6679.8	450.0	-11.4	-19.8	229.6	10.5	8.0	6.8	327.7	333.6	1.8	53.8	13.8	9.
30.0	68.5	7114.6	425.0	-13.7	-22.1	223.3	10.7	7.3	7.8	329.1	334.3	1.5	56.9	14.8	12.
32.0	71.9	7568.9	400.0	-15.0	-30.9	222.2	10.7	7.2	8.0	330.3	332.9	0.7	34.1	15.9	14.
34.1	75.6	8046.8	375.0	-22.2	-32.5	221.4	9.6	6.3	7.2	332.2	334.5	0.7	38.6	17.0	16.
36.1	79.4	8550.6	350.0	-25.0	-35.8	215.6	10.6	6.2	8.6	334.0	335.8	0.5	38.0	18.1	18.
38.1	83.2	9093.5	325.0	-29.9	-39.4	215.0	9.8	5.6	8.0	335.5	336.9	0.4	38.4	19.3	19.
40.0	87.2	9647.9	300.0	-35.2	-43.5	214.7	12.4	7.0	10.2	335.8	336.8	0.3	41.9	20.5	20.
42.1	91.7	10247.6	275.0	-40.3	99.9	204.0	14.3	5.8	13.0	336.9	999.9	99.9	999.9	22.3	21.
44.7	96.2	10990.2	250.0	-45.5	99.9	203.6	13.7	5.5	12.6	338.5	999.9	99.9	999.9	24.4	21.
47.7	101.0	11583.2	225.0	-51.3	99.9	210.2	13.1	6.5	11.3	339.9	999.9	99.9	999.9	26.8	21.
50.6	106.4	12342.9	200.0	-55.3	99.9	220.4	12.8	8.3	9.7	345.2	999.9	99.9	999.9	29.1	22.
54.0	112.0	13196.0	175.0	-59.8	99.9	244.6	14.1	12.7	6.0	351.2	999.9	99.9	999.9	31.4	25.
57.9	118.3	14139.8	150.0	-63.6	99.9	249.1	11.4	10.6	4.1	360.5	999.9	99.9	999.9	33.6	28.
62.3	125.5	15251.2	125.0	-65.6	99.9	262.3	6.5	6.5	0.9	376.2	999.9	99.9	999.9	35.2	31.
67.6	133.0	16600.2	100.0	-67.9	99.9	999.9	99.9	99.9	99.9	396.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

10 JUNE 1977

124 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	791.0	921.8	32.8	5.6	180.0	7.4	0.0	7.4	313.2	336.7	8.2	24.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	14.4	904.2	900.0	29.1*	99.9	99.9	99.9	99.9	99.9	311.5	333.7	7.4	24.0	0.0	0.
1.6	16.5	1242.9	875.0	26.2	6.5	90.9	99.9	99.9	99.9	311.1	331.6	-1	29.1	999.9	999.9
2.9	18.8	1497.2	850.0	24.1	6.5	179.5	15.1	-0.1	15.1	311.4	332.0	7.2	32.2	2.5	2.
4.1	21.0	1757.1	825.0	21.9	6.0	180.2	12.4	0.1	12.4	311.7	332.4	7.2	35.7	3.4	1.
5.0	23.4	2023.4	800.0	19.6	6.4	183.8	12.7	0.8	12.7	312.1	333.9	7.6	42.2	4.0	1.
6.2	25.8	2295.6	775.0	16.7	6.1	187.8	7.9	1.1	7.8	311.8	333.7	7.6	45.4	4.9	2.
7.3	28.3	2574.0	750.0	14.0	5.6	191.0	8.1	1.5	7.9	311.8	333.8	7.6	56.8	5.3	2.
8.3	30.9	2859.0	725.0	11.3	5.2	191.1	11.0	2.1	10.8	311.9	334.0	7.7	65.9	5.9	3.
9.4	33.6	3151.6	700.0	8.9	4.3	197.5	7.9	2.4	7.5	312.3	333.7	7.4	72.6	6.6	4.
10.5	36.1	3452.1	675.0	6.8	2.7	221.7	3.8	2.5	2.8	313.2	333.4	6.9	75.4	6.9	5.
11.5	39.0	3761.7	650.0	4.9	-0.2	214.9	4.7	2.7	3.9	314.6	331.7	5.8	65.3	7.2	7.
12.6	41.4	4041.3	625.0	2.9	-3.4	200.1	2.6	2.5	2.9	315.8	330.1	4.8	63.2	7.3	8.
13.6	44.8	4410.5	600.0	-0.1	-4.8	295.4	3.0	2.9	-0.8	316.0	329.5	4.5	70.9	7.2	9.
14.8	47.9	4750.4	575.0	-2.5	-5.8	265.5	2.9	2.9	0.2	317.1	330.2	4.3	77.5	7.3	11.
15.0	50.9	5102.6	550.0	-4.5	-7.5	277.2	4.2	4.2	-0.5	318.8	330.9	4.0	79.1	7.3	12.
17.4	54.1	5467.9	525.0	-6.2	-12.8	246.8	7.2	6.6	2.8	321.0	329.6	2.7	59.8	7.4	16.
18.9	57.4	5849.2	500.0	-7.0	-24.9	239.2	8.0	6.9	4.1	324.5	327.9	1.0	22.3	8.1	20.
20.4	61.0	6247.5	475.0	-9.2	-27.1	277.1	3.5	3.5	-0.4	326.6	329.6	0.9	21.8	8.4	22.
21.7	64.7	6657.4	450.0	-12.5	-25.7	273.5	4.6	4.6	-0.3	327.5	331.1	1.0	32.6	8.4	24.
23.1	68.3	7097.2	425.0	-16.0	-26.3	244.7	9.3	7.5	3.5	328.4	332.0	1.0	40.6	8.8	27.
24.7	72.0	7551.0	400.0	-19.4	-29.2	230.5	7.4	5.7	4.7	329.8	332.8	0.8	41.2	9.5	29.
26.6	76.2	8077.6	375.0	-23.2	-31.7	227.4	7.2	5.3	4.9	330.8	333.4	0.7	45.8	10.2	31.
28.2	80.3	8530.4	350.0	-25.9	-41.0	224.6	9.6	6.0	6.1	333.8	334.9	0.3	23.6	10.9	32.
29.6	84.6	9042.5	325.0	-30.3	-40.1	219.9	11.2	7.2	8.6	335.0	336.3	0.3	37.2	11.7	32.
31.4	89.2	9626.2	300.0	-35.3	99.9	218.7	14.4	9.0	11.3	335.7	999.9	99.9	999.9	13.0	33.
33.6	94.0	10225.7	275.0	-40.3	99.9	224.4	11.9	8.3	8.5	336.9	999.9	99.9	955.9	15.2	34.
35.9	99.0	10848.7	250.0	-45.4	99.9	222.6	10.5	11.2	12.1	338.6	999.9	99.9	995.9	16.4	35.
38.3	104.2	11543.8	225.0	-49.9	99.9	227.2	17.6	12.9	12.0	342.0	999.9	99.9	995.9	19.9	36.
40.5	109.8	12326.6	200.0	-53.5	99.9	239.3	10.2	8.8	5.2	348.0	999.9	99.9	995.9	21.4	37.
43.4	115.6	13177.3	175.0	-57.5	99.9	236.0	12.0	10.0	6.7	355.0	999.9	99.9	995.9	23.8	39.
45.3	121.8	14142.0	150.0	-61.2	99.9	266.5	11.1	11.1	0.7	364.6	999.9	99.9	995.9	24.9	41.
49.7	128.3	15240.6	125.0	-64.4	99.9	287.1	7.0	6.7	-2.1	378.5	999.9	99.9	955.9	26.5	44.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

10 JUNE 1977  
245 GMT

119 102. 0

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	877.0	912.3	28.9	10.1	160.0	9.5	-2.9	8.0	310.1	334.3	8.5	31.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	14.7	993.5	900.0	27.8	11.3	169.1	17.5	-3.3	17.2	310.2	336.7	9.4	35.8	0.4	343.
1.3	16.7	1242.8	875.0	26.4	10.1	172.5	15.9	-2.1	15.7	311.3	336.7	8.9	35.9	1.1	348.
2.2	19.0	1407.3	850.0	25.8	9.1	174.1	16.2	-1.7	16.1	311.1	335.5	8.6	39.0	2.0	351.
3.2	21.1	1757.3	825.0	21.5	8.3	174.4	16.0	-1.6	15.9	311.3	335.2	8.4	42.9	3.0	352.
4.3	23.5	2022.0	800.0	18.9	7.7	177.1	15.0	-0.8	15.0	311.3	335.0	8.3	48.0	4.0	353.
5.3	25.7	2284.8	775.0	16.5	7.0	178.5	13.5	-0.4	13.5	311.6	335.0	8.2	53.5	4.9	354.
6.3	28.1	2573.1	750.0	14.0	6.8	189.3	11.2	1.6	11.1	311.9	335.5	8.3	61.6	5.6	355.
7.5	30.6	2859.0	725.0	12.5	6.7	208.1	7.1	3.3	6.2	313.2	337.6	8.5	67.7	6.2	357.
8.5	33.1	3153.0	700.0	10.5	5.0	234.9	6.1	5.0	3.5	314.3	337.0	7.9	68.2	6.5	359.
9.8	35.6	3455.9	675.0	8.7	2.1	252.3	4.9	4.6	1.5	315.4	334.8	6.6	63.0	6.6	3.
11.0	39.2	3767.0	650.0	6.2	-0.7	262.3	3.6	3.6	0.5	316.0	332.6	5.6	61.0	6.7	5.
12.1	40.8	4037.7	625.0	4.2	-2.9	268.3	2.5	2.5	0.1	317.3	332.1	4.9	59.7	6.8	7.
13.1	43.5	4412.6	600.0	1.3	-5.0	292.4	0.8	0.7	-0.3	317.6	331.0	4.4	62.9	6.8	8.
14.3	46.4	4769.2	575.0	-1.0	-5.4	331.1	0.9	0.5	-0.8	318.8	332.4	4.5	72.5	6.8	8.
15.6	49.4	5113.6	550.0	-3.7	-5.7	322.4	1.1	0.7	-0.9	319.8	333.7	4.6	85.7	6.7	9.
17.0	52.1	5470.9	525.0	-6.3	-9.7	266.1	0.7	0.7	0.0	320.9	331.7	3.5	76.7	6.6	9.
19.3	55.2	5861.6	500.0	-7.7	-11.5	231.8	3.4	2.7	2.1	323.7	333.8	3.2	74.1	6.8	10.
19.7	58.4	6259.4	475.0	-9.8	-19.6	201.4	3.9	1.4	3.7	325.8	331.9	1.9	48.7	7.0	11.
21.1	61.7	6674.2	450.0	-12.9	-20.4	188.8	5.4	0.8	5.3	327.0	332.6	1.7	53.5	7.4	11.
22.6	65.1	7107.6	425.0	-17.0	-23.0	193.5	5.3	1.2	5.2	328.4	333.2	1.4	55.0	7.9	11.
24.3	68.6	7581.0	400.0	-21.0	-25.9	156.1	3.8	1.0	3.6	329.2	333.2	1.2	59.2	8.4	12.
26.1	73.1	8037.4	375.0	-25.0	-29.6	195.9	4.1	1.1	3.9	330.9	334.0	0.9	55.2	8.7	12.
29.0	75.0	8538.8	350.0	-27.0	-31.7	209.2	6.5	3.1	5.7	332.3	335.0	0.8	64.1	9.3	13.
29.9	80.1	9059.5	325.0	-30.3	-38.6	214.1	9.1	4.5	6.7	334.3	335.8	0.4	45.8	10.1	14.
32.0	84.3	9632.6	300.0	-35.6	-43.4	214.8	8.7	5.0	7.2	335.2	336.2	0.3	44.2	11.1	16.
34.3	88.6	10232.1	275.0	-40.3	-49.9	225.6	9.4	6.7	6.6	336.9	999.9	99.9	99.9	12.3	18.
36.4	93.3	10844.7	250.0	-45.2	-56.2	231.6	9.6	7.5	5.9	338.8	999.9	99.9	99.9	13.4	21.
39.0	98.3	11568.8	225.0	-51.1	-63.5	227.6	10.3	7.6	7.0	340.3	999.9	99.9	99.9	14.8	24.
41.9	103.8	12326.0	200.0	-56.5	-69.9	249.9	12.0	11.2	4.1	343.3	999.9	99.9	99.9	16.4	27.
45.3	109.8	13164.6	175.0	-64.5	-78.5	284.4	9.3	9.0	-2.3	351.7	999.9	99.9	99.9	17.7	30.
48.7	116.0	14123.5	150.0	-62.6	-86.6	295.2	8.1	7.3	-3.4	362.2	999.9	99.9	99.9	18.2	40.
52.4	123.7	15237.2	125.0	-65.6	-94.9	220.2	2.7	1.7	2.0	376.3	999.9	99.9	99.9	18.6	43.
99.9	99.9	99.9	100.0	99.9	95.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	92.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	94.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

10 JUNF 1977  
30C GMT

127 98. 0

TIME MIN	CNTCT	HEIGHT GSM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	771.0	924.2	23.7	19.3	170.0	3.6	-0.6	3.5	308.7	351.3	15.5	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	15.2	1005.2	900.0	26.4	8.5	999.9	99.9	99.9	99.9	310.3	332.6	7.8	29.5	999.9	999.9
1.6	17.5	1255.2	875.0	26.4	9.3	999.9	99.9	99.9	99.9	311.2	335.3	8.4	34.1	999.9	999.9
2.6	20.0	1509.4	850.0	24.6	9.1	179.2	15.8	-0.2	15.8	311.9	336.5	8.6	37.4	2.3	357.
3.5	22.3	1770.7	825.0	21.3	8.0	181.0	14.0	0.2	14.0	311.1	334.6	8.2	42.5	3.1	358.
4.4	24.8	2075.8	800.0	19.2	7.6	182.8	14.5	0.7	14.5	311.6	335.1	8.2	46.9	4.0	359.
5.5	27.2	2307.8	775.0	16.4	6.2	184.4	11.3	0.9	11.3	311.4	333.6	7.7	51.0	4.7	359.
6.5	29.9	2585.0	750.0	13.9	5.3	186.5	13.0	1.5	12.9	311.7	333.3	7.5	56.1	5.4	0.
7.4	32.6	2971.2	725.0	11.2	4.3	192.1	9.5	2.0	9.4	311.7	332.4	7.2	62.5	6.0	1.
8.5	35.3	3163.2	700.0	8.2	3.9	201.5	7.9	2.9	7.3	311.6	332.6	7.3	74.2	6.6	3.
9.6	37.9	3463.1	675.0	5.9	3.7	218.6	6.1	3.8	4.8	312.2	333.6	7.4	85.7	7.0	4.
10.7	40.6	3772.0	650.0	4.2	2.0	250.2	4.5	4.2	1.5	313.8	333.6	6.9	85.6	7.2	6.
11.8	43.6	4090.0	625.0	1.0	-0.9	265.5	4.3	4.3	0.3	313.6	330.5	5.7	86.8	7.3	8.
13.0	46.6	4418.2	600.0	-0.1	-3.1	268.8	4.1	4.1	0.1	316.0	331.2	5.1	75.8	7.3	11.
14.1	49.6	4757.8	575.0	-2.8	-5.5	269.8	2.5	2.5	0.0	316.8	329.7	4.3	78.8	7.4	13.
15.4	52.5	5106.8	550.0	-4.4	-8.4	187.2	2.2	2.2	2.2	318.8	330.2	3.7	73.7	7.5	13.
16.6	55.7	5474.9	525.0	-6.8	-9.1	178.2	2.7	-0.1	2.7	320.2	331.6	3.7	82.3	7.7	13.
18.1	59.0	5854.4	500.0	-9.2	-11.6	215.6	3.3	1.9	2.7	321.9	331.8	3.1	82.3	7.9	13.
19.7	62.5	6251.7	475.0	-10.0	-12.2	235.8	5.3	4.8	3.3	325.6	330.5	1.5	75.5	8.2	15.
21.3	65.9	6667.1	450.0	-11.9	-15.9	229.6	7.8	5.9	5.0	328.3	331.8	1.0	30.0	8.7	17.
22.7	69.6	7102.0	425.0	-15.5	-20.1	222.7	7.6	5.2	5.6	329.2	331.7	0.7	27.2	9.4	19.
24.2	73.1	7555.9	400.0	-18.8	-23.4	224.5	6.7	4.7	4.8	330.6	332.6	0.6	26.2	10.0	21.
25.2	77.2	8074.4	375.0	-22.7	-26.7	230.7	9.1	7.0	5.7	331.6	333.2	0.4	27.2	10.7	23.
28.4	81.0	8535.9	350.0	-25.3	-37.5	214.8	11.4	6.5	9.3	333.3	334.9	0.4	33.7	12.0	25.
30.7	85.3	9067.3	325.0	-31.4	-40.3	211.5	10.2	5.3	8.7	333.5	334.8	0.3	40.8	13.6	26.
33.1	89.8	9628.7	300.0	-36.5	-44.6	221.4	12.8	8.5	9.6	333.9	334.8	0.2	42.5	15.0	27.
35.5	94.6	10225.5	275.0	-41.7	95.5	224.1	12.6	8.8	9.0	334.8	999.9	99.9	999.9	16.8	29.
38.0	99.4	10863.8	250.0	-47.4	99.9	240.7	12.3	10.7	6.0	335.6	999.9	99.9	999.9	18.7	31.
41.3	104.6	11554.1	225.0	-51.9	99.9	245.0	10.5	9.5	4.4	338.9	999.9	99.9	955.9	20.5	34.
44.5	110.2	12306.8	200.0	-57.1	99.9	235.3	8.2	6.7	4.7	342.3	999.9	99.9	995.9	22.1	36.
47.8	116.0	13142.9	175.0	-61.2	99.9	230.7	12.6	9.7	8.0	348.9	999.9	99.9	995.9	24.0	38.
51.6	122.8	14095.8	150.0	-64.0	99.9	248.1	7.4	6.9	2.8	359.9	999.9	99.9	959.9	26.1	39.
56.5	130.0	15209.7	125.0	-65.0	99.9	316.2	1.8	1.2	-1.3	377.2	999.9	99.9	999.9	28.6	41.
61.9	137.3	16557.5	100.0	-67.9	99.9	999.9	99.9	99.9	99.9	396.5	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

10 JUNE 1977  
258 GMT

125 94. 0

D-60

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	595.0	943.8	29.2	16.0	180.0	5.1	0.0	5.1	307.4	341.2	12.3	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	12.6	764.3	925.0	29.8	11.6	187.6	13.4	1.8	13.3	309.8	336.0	9.3	32.5	0.5	1.
1.3	15.0	1007.8	900.0	27.6	10.6	186.8	14.5	1.7	14.4	310.0	335.4	9.0	34.6	1.2	4.
2.3	17.2	1256.2	875.0	25.2	9.5	185.6	13.1	1.3	13.0	310.0	334.4	8.6	37.1	2.0	5.
3.3	19.7	1509.8	850.0	22.5	9.4	183.5	12.0	0.7	12.0	309.7	334.5	8.8	43.3	2.8	5.
4.4	22.0	1768.7	825.0	20.4	9.9	180.7	13.4	0.2	13.4	310.1	336.5	9.3	50.9	3.6	5.
5.4	24.5	2033.4	800.0	17.5	9.2	177.5	13.4	-0.6	13.4	309.8	335.8	9.2	58.4	4.4	3.
6.6	26.9	2304.1	775.0	15.1	8.8	175.8	11.7	-0.9	11.6	310.0	336.1	9.2	66.2	5.3	2.
7.8	29.5	2591.2	750.0	12.2	7.8	175.4	9.6	-0.8	9.5	309.8	335.1	9.0	74.8	6.0	1.
8.9	32.1	2964.7	725.0	10.3	2.4	181.7	7.1	0.2	7.1	310.8	329.5	6.5	59.7	6.6	1.
10.1	34.9	3156.7	700.0	9.8	-5.7	156.9	7.1	2.1	6.7	313.3	324.2	3.6	33.5	7.0	2.
11.1	37.3	3458.1	675.0	8.1	-1.4	195.8	6.5	1.8	6.2	314.7	330.0	5.1	51.3	7.5	3.
12.4	40.2	3769.8	650.0	6.1	-2.0	198.4	4.4	1.4	4.2	315.9	331.1	5.1	56.1	7.8	3.
13.7	42.9	4089.9	625.0	3.0	-3.2	214.4	3.7	2.1	3.1	315.9	330.3	4.8	63.6	8.2	4.
15.1	45.8	4419.0	600.0	1.8	-6.7	205.3	3.1	1.4	2.8	318.2	330.0	3.9	53.3	8.4	5.
16.4	48.8	4761.1	575.0	-0.5	-8.9	205.0	7.1	3.0	6.5	319.4	329.9	3.4	53.0	8.7	6.
17.8	51.5	5115.8	550.0	-2.2	-15.5	204.0	8.2	3.3	7.5	321.5	328.2	2.1	35.0	9.4	7.
19.3	54.6	5484.2	525.0	-4.3	-12.7	197.4	9.1	2.7	8.7	323.2	331.9	2.7	51.9	10.1	8.
20.7	57.6	5866.7	500.0	-7.5	-13.7	209.2	7.9	3.8	6.9	323.9	332.4	2.7	61.1	10.9	9.
22.1	60.9	6264.5	475.0	-9.9	-19.5	219.4	7.6	4.8	5.9	325.8	331.4	1.7	45.2	11.4	10.
23.7	64.1	6679.3	450.0	-7.1	-20.5	227.0	8.3	6.1	5.7	326.8	332.3	1.7	53.6	12.0	12.
25.3	67.4	7112.8	425.0	0	-24.1	223.0	9.1	6.2	6.7	328.4	332.7	1.3	49.5	12.8	15.
27.0	70.8	7567.2	400.0	-	-28.4	223.2	8.6	5.9	6.2	330.6	333.8	0.9	42.0	13.5	16.
28.8	74.1	8044.7	375.0	-2	-31.5	218.4	8.0	5.0	6.3	332.0	334.6	0.7	42.7	14.4	18.
30.7	78.2	8547.9	350.0	-26.2	-37.8	213.3	8.9	4.9	7.4	333.4	334.9	0.4	32.5	15.3	19.
32.7	82.0	9079.9	325.0	-21.3	-41.7	209.6	10.2	5.0	8.9	333.5	334.6	0.3	34.7	16.4	20.
34.8	86.0	9641.0	300.0	-36.0	-41.5	209.8	10.9	5.2	9.5	334.7	335.9	0.3	56.1	17.7	20.
37.0	90.4	10239.5	275.0	-41.0	99.9	206.4	13.2	5.9	11.8	335.8	999.9	99.9	955.9	19.3	21.
39.5	95.2	10890.0	250.0	-46.4	99.9	220.2	12.1	7.8	9.3	337.1	999.9	99.9	999.9	21.2	22.
42.3	100.0	11570.9	225.0	-52.0	99.9	243.4	11.8	10.6	5.3	338.9	999.9	99.9	999.9	23.1	24.
45.3	105.0	12326.8	200.0	-55.9	99.9	237.7	10.4	8.8	5.6	344.2	999.9	99.9	999.9	24.7	27.
48.9	110.8	13167.5	175.0	-59.8	99.9	233.4	9.2	7.4	5.5	351.2	999.9	99.9	999.9	26.4	29.
52.8	117.0	14121.5	150.0	-64.3	99.9	253.8	8.3	8.0	2.3	359.3	999.9	99.9	999.9	28.6	31.
57.4	124.3	15271.4	125.0	-65.4	99.9	238.2	5.1	4.3	2.7	376.5	999.9	99.9	999.9	29.4	34.
62.8	132.0	16576.5	100.0	-68.8	99.9	999.9	99.9	99.9	99.9	394.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 1 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

10 JUNE 1977

116 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	781.0	523.0	25.1	10.8	190.0	5.3	0.0	6.3	308.2	333.1	8.9	34.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	14.2	1004.5	900.0	27.2	11.2	999.9	99.9	99.9	99.9	309.6	335.9	9.4	36.5	999.9	999.9
1.6	16.2	1252.8	875.0	25.0	10.1	999.9	99.9	99.9	99.9	309.7	334.9	8.9	39.1	999.9	999.9
2.5	18.4	1506.3	850.0	22.6	9.3	184.2	16.9	1.2	16.7	309.8	334.5	8.7	42.7	2.8	3.
3.7	20.6	1765.4	825.0	20.3	8.7	186.4	17.4	1.9	17.3	310.0	334.5	8.6	47.4	3.9	4.
4.7	22.7	2030.1	800.0	18.1	7.6	193.1	12.9	2.9	12.6	310.4	333.9	8.2	50.3	4.9	5.
5.8	25.1	2301.1	775.0	15.6	7.0	192.3	12.3	2.6	12.0	310.5	333.7	8.1	56.6	5.7	6.
6.9	27.3	2579.4	750.0	12.8	6.2	225.6	3.9	2.7	2.7	310.5	333.2	8.0	63.8	6.3	7.
8.1	29.8	2862.6	725.0	10.6	4.4	307.5	2.1	1.7	-1.3	311.1	332.0	7.3	65.5	6.2	9.
9.2	32.3	3155.0	700.0	9.2	3.3	272.5	1.5	1.5	-0.1	312.7	332.9	7.0	66.5	6.2	10.
10.5	34.9	3455.9	675.0	7.2	2.8	190.0	4.4	0.8	4.3	313.7	334.0	7.0	73.5	6.3	10.
11.6	37.2	3765.1	650.0	5.1	0.7	184.2	3.0	0.2	3.0	314.8	333.0	6.2	72.7	6.7	10.
12.8	39.9	4095.6	625.0	3.0	-1.8	7.8	1.2	-0.2	-1.2	315.9	331.9	5.4	70.4	6.6	10.
14.1	42.4	4415.5	600.0	0.7	-4.1	205.2	0.9	0.4	0.8	317.0	331.2	4.7	69.8	6.7	10.
15.4	45.3	4766.4	575.0	-1.7	-6.3	339.9	2.6	0.9	-2.5	318.1	330.8	4.2	70.6	6.6	10.
16.7	48.1	5109.4	550.0	-3.5	-8.7	303.1	5.5	4.6	-3.0	320.0	331.1	3.6	66.8	6.4	12.
18.2	50.9	5476.1	525.0	-5.3	-12.2	239.9	6.7	5.8	3.4	322.0	331.1	2.9	58.6	6.6	18.
19.5	54.0	5857.5	500.0	-7.6	-16.4	218.4	5.4	3.4	4.3	323.7	330.6	2.1	49.2	7.0	19.
20.8	55.9	6255.5	475.0	-9.5	-23.6	211.1	5.4	2.8	4.6	326.2	330.3	1.2	30.7	7.4	20.
22.5	60.1	6671.1	450.0	-12.5	-29.0	201.9	5.7	2.1	5.3	327.6	332.5	1.5	44.7	7.9	20.
24.2	63.6	7104.9	425.0	-16.1	-35.9	199.0	7.1	2.3	6.7	328.4	332.1	1.1	42.0	8.6	20.
26.1	66.9	7558.4	400.0	-19.1	-41.7	220.8	6.0	3.9	4.6	330.2	332.5	0.7	31.5	9.4	21.
27.9	70.4	8036.7	375.0	-21.9	-49.6	223.6	6.4	4.4	4.7	332.7	335.8	0.9	49.4	9.9	23.
29.6	74.0	8539.8	350.0	-26.1	-53.5	212.1	7.1	3.8	6.1	333.6	335.9	0.6	49.4	10.7	23.
31.4	79.0	9071.3	325.0	-30.4	-60.3	224.4	8.4	5.9	6.0	334.8	336.1	0.3	27.0	11.4	25.
33.3	82.0	9634.4	300.0	-35.4	-65.5	242.0	8.0	7.0	3.7	335.5	336.3	0.2	24.4	12.2	27.
35.4	85.2	10234.1	275.0	-40.5	99.9	239.0	8.4	6.3	5.5	336.6	999.9	99.9	955.9	13.1	29.
37.5	90.8	10876.6	250.0	-45.6	99.9	238.6	14.6	12.4	7.6	338.3	999.9	99.9	955.9	14.5	32.
39.7	95.5	11571.3	225.0	-50.7	99.9	229.1	16.2	12.3	10.6	340.9	999.9	99.9	999.9	16.4	34.
42.1	100.6	12331.3	200.0	-55.0	99.9	257.4	12.3	12.0	2.7	345.6	999.9	99.9	955.9	18.3	37.
44.6	106.3	13152.2	175.0	-59.1	99.9	276.9	5.7	5.7	-0.7	352.4	999.9	99.9	955.9	18.8	40.
47.3	112.5	14136.5	150.0	-61.9	99.9	254.0	6.9	6.6	1.9	363.5	999.9	99.9	955.9	19.3	42.
50.1	119.3	15258.9	125.0	-63.5	99.9	249.6	7.7	7.3	2.7	380.1	999.9	99.9	955.9	20.6	44.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

11 JUNE 1977  
1500 GMT

125 101. 0

TIME MIN	CNTCT	HEIGHT GEM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	872.0	515.0	27.2	17.4	170.0	5.3	-0.9	5.2	309.0	345.9	13.8	55.0	0.0	0.
00.9	00.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	99.9	925.0	90.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	15.9	1027.1	500.0	24.1	99.9	999.9	99.9	99.9	99.9	306.3	999.9	99.9	955.9	999.9	999.9
1.2	18.5	1274.1	975.0	21.6	16.9	999.9	99.9	99.9	99.9	305.3	344.4	14.0	74.4	999.9	999.9
2.2	20.9	1435.2	950.0	22.4	12.2	197.0	5.9	1.7	5.7	305.6	339.3	10.6	52.8	999.9	999.9
3.0	23.5	1785.0	825.0	22.6	10.2	169.4	1.9	-0.4	1.9	312.5	339.7	9.6	45.5	1.2	1.
3.9	25.9	2053.3	800.0	21.1	7.2	148.0	3.2	-1.7	2.7	313.7	336.8	8.0	40.4	1.3	357.
4.9	28.7	2327.2	775.0	19.0	4.8	130.2	3.8	-2.9	2.4	314.2	334.6	7.0	35.4	1.5	353.
5.9	31.4	2602.0	750.0	16.9	2.5	117.6	3.6	-3.2	1.7	315.0	333.0	6.1	37.9	1.7	346.
6.9	34.2	2895.9	725.0	14.8	1.0	109.7	3.6	-3.4	1.2	315.7	332.6	5.7	39.1	1.8	341.
8.0	36.9	3191.8	700.0	12.7	-0.9	97.4	5.1	-5.0	0.7	316.6	331.9	5.1	38.8	1.9	334.
9.0	39.8	3495.9	675.0	10.1	-2.7	85.5	6.5	-6.5	0.6	317.0	331.0	4.7	40.6	2.2	327.
10.1	42.4	3802.3	650.0	7.4	-4.0	73.7	7.1	-6.7	-0.5	317.3	330.6	4.4	44.0	2.5	318.
11.3	45.5	4109.8	625.0	4.6	-5.7	61.9	7.6	-6.9	-1.5	317.7	329.9	4.0	47.2	2.7	309.
12.4	48.5	4460.8	600.0	1.8	-8.3	49.6	6.6	-6.6	-0.1	318.2	328.7	3.4	46.9	3.1	302.
13.6	51.4	4807.4	575.0	-1.2	-6.8	37.3	3.7	-3.6	0.8	318.6	330.8	4.0	65.7	3.4	299.
14.9	54.6	5152.5	550.0	-4.0	-9.2	24.8	1.0	-1.0	-0.3	319.3	330.1	3.5	67.3	3.6	299.
16.2	57.6	5521.3	525.0	-6.3	-14.0	10.4	2.5	-0.4	-2.4	320.9	328.7	2.5	54.4	3.6	297.
17.6	61.0	5901.0	500.0	-9.4	-17.5	13.5	2.6	-0.7	-2.8	321.6	330.1	2.7	71.6	3.5	293.
19.0	64.4	6297.1	475.0	-10.1	-20.3	149.7	0.6	-0.3	0.5	325.5	330.8	1.6	43.0	3.5	291.
20.5	67.7	6712.2	450.0	3.8	-24.8	214.7	2.1	1.2	1.7	327.1	330.9	1.1	35.7	3.5	294.
21.9	71.0	7145.0	425.0	1	-28.7	246.2	2.4	2.2	1.0	329.3	331.2	0.8	32.8	3.5	296.
23.5	74.8	7588.6	400.0	1	-35.3	245.4	5.7	5.1	2.4	329.3	330.8	0.4	21.2	3.1	301.
25.3	78.7	8074.5	375.0	1	-39.8	201.0	5.3	1.9	4.9	330.8	332.1	0.3	22.4	3.1	312.
27.1	82.5	8575.9	350.0	-27.0	-51.8	208.3	3.3	1.6	2.9	332.3	332.7	0.1	7.4	3.3	320.
28.9	86.5	9105.7	325.0	-31.2	-54.8	218.0	4.5	2.8	3.6	333.7	334.0	0.1	7.7	3.5	325.
30.9	91.0	9667.2	300.0	-36.1	-53.3	238.5	9.1	7.7	4.7	334.5	334.8	0.1	15.0	3.6	328.
33.0	95.5	10249.0	275.0	-38.5	-56.4	240.3	11.7	10.2	5.8	339.4	339.7	0.1	13.0	3.6	358.
35.3	100.2	10919.4	250.0	-42.4	99.9	244.8	16.3	14.7	6.9	343.0	999.9	99.9	999.9	5.1	17.
37.6	105.3	11623.8	225.0	-45.4	99.9	240.9	19.3	16.8	9.4	348.9	999.9	99.9	999.9	7.0	31.
40.2	110.8	12401.2	200.0	-50.6	99.9	240.3	23.1	20.1	11.5	352.7	999.9	99.9	999.9	10.3	41.
42.9	116.5	13252.0	175.0	-56.0	99.9	245.4	18.2	16.5	7.6	357.5	999.9	99.9	999.9	13.6	46.
46.0	121.3	14226.6	150.0	-63.1	99.9	207.8	15.0	7.0	13.3	361.5	999.9	99.9	999.9	16.1	47.
49.3	130.5	15327.6	125.0	-70.3	99.9	246.2	16.3	14.9	6.6	367.7	999.9	99.9	999.9	19.6	46.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

11 JUNE 1977  
1500 GMT

126 103. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	771.0	929.2	27.5	19.6	200.0	3.0	2.7	7.5	307.1	349.8	15.7	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	13.0	801.6	925.0	26.3*	18.4	999.9	99.9	99.9	99.9	306.2	345.8	14.6	61.8	999.9	999.9
0.9	15.4	1042.5	900.0	23.6	17.5	999.9	99.9	99.9	99.9	305.8	344.5	14.2	68.9	999.9	999.9
2.1	17.7	1289.2	875.0	20.5	16.5	212.9	6.9	3.7	5.8	305.1	342.2	13.7	77.7	1.1	20.
3.1	20.2	1540.6	850.0	23.0	14.1	244.6	4.3	3.9	1.9	310.3	343.8	11.0	57.2	1.4	27.
4.2	22.5	1801.1	825.0	21.8	11.5	152.3	1.5	-0.5	1.6	311.7	341.1	10.4	51.9	1.5	28.
5.2	25.1	2067.9	800.0	20.7	8.9	136.6	3.5	-2.4	2.6	313.2	339.0	9.0	46.8	1.6	24.
6.3	27.4	2342.0	775.0	19.3	5.9	125.3	4.9	-4.0	2.8	314.6	336.5	7.5	41.3	1.7	15.
7.4	30.1	2623.1	750.0	17.4	5.7	109.7	5.0	-4.7	1.7	315.5	338.0	7.7	46.1	1.8	4.
9.6	32.9	2911.8	725.0	15.0	1.2	94.4	3.1	-3.1	0.2	315.9	333.0	5.8	39.2	1.9	355.
9.7	35.5	3208.1	700.0	13.3	-1.6	66.9	3.2	-3.0	-1.3	317.3	331.7	4.8	35.0	1.8	350.
10.9	38.3	3512.5	675.0	10.3	-2.0	69.7	4.4	-4.1	-1.5	317.2	331.9	4.9	42.0	1.8	341.
12.1	41.0	3824.9	650.0	7.5	-1.1	53.5	5.3	-4.5	-2.8	317.5	333.7	5.4	54.2	1.8	331.
13.4	44.0	4146.2	625.0	4.2	-4.7	54.9	7.8	-6.4	-4.5	317.3	330.4	4.3	52.3	1.8	316.
14.6	47.0	4477.6	600.0	1.9	-5.9	49.3	9.4	-7.1	-6.1	318.3	330.8	4.1	56.3	2.0	297.
15.8	50.1	4819.1	575.0	-1.3	-9.3	51.0	8.0	-6.2	-5.0	318.5	328.7	3.3	54.6	2.4	281.
17.3	53.0	5172.2	550.0	-3.5	-15.4	55.5	3.0	-3.2	-2.2	319.9	326.6	2.1	39.3	2.8	274.
19.7	56.0	5539.4	525.0	-5.5	-20.8	10.4	2.0	-0.4	-2.0	321.8	326.4	1.4	28.8	2.9	269.
20.1	59.3	5919.3	500.0	-8.2	-22.8	302.2	1.5	1.3	-0.8	323.0	327.1	1.2	29.6	2.9	268.
21.7	62.7	6315.2	475.0	-11.2	-23.2	256.6	1.4	1.4	0.3	324.1	328.3	1.2	36.6	2.7	266.
23.4	66.0	6729.7	450.0	-13.4	-20.8	175.0	3.8	-0.3	3.8	326.4	331.8	1.6	53.5	2.7	271.
25.0	69.7	7151.8	425.0	-16.1	-23.6	191.8	4.2	0.9	4.1	328.4	332.9	1.3	52.1	2.6	280.
26.7	73.3	7615.6	400.0	-19.9	-35.7	207.8	4.5	2.1	4.0	329.3	330.9	0.4	22.6	2.6	288.
28.5	77.3	8090.4	375.0	-24.3	-35.0	202.8	6.2	2.4	5.7	329.5	331.2	0.5	32.5	2.6	302.
30.4	81.2	8590.4	350.0	-26.8	-51.6	225.8	2.2	1.7	1.4	332.6	332.9	0.1	7.6	2.7	312.
32.5	85.4	9120.1	325.0	-31.1	-52.9	221.9	3.2	2.2	2.4	333.9	334.2	0.1	5.6	2.6	319.
34.7	89.7	9691.6	300.0	-36.0	-52.9	230.9	6.0	4.7	3.8	334.6	334.9	0.1	13.7	2.8	330.
37.1	94.5	10280.0	275.0	-39.8	99.9	243.7	10.7	9.6	4.7	337.6	999.9	99.9	999.9	3.2	355.
39.6	99.3	10926.3	250.0	-43.5	99.9	253.6	13.6	13.1	3.8	341.3	999.9	99.9	999.9	4.0	19.
42.7	104.5	11630.9	225.0	-46.2	99.9	250.0	18.5	17.4	6.3	347.8	999.9	99.9	999.9	6.0	42.
45.8	110.2	12405.4	200.0	-50.1	99.9	251.4	24.2	22.9	7.7	353.5	999.9	99.9	999.9	10.1	54.
49.2	116.0	13270.0	175.0	-55.7	99.9	243.0	17.2	15.3	7.8	357.9	999.9	99.9	999.9	14.1	57.
53.2	123.0	14236.5	150.0	-62.7	99.9	217.2	15.4	9.3	12.2	362.1	999.9	99.9	999.9	17.7	56.
57.4	130.3	15341.4	125.0	-65.8	99.9	256.0	13.3	12.9	3.2	368.7	999.9	99.9	999.9	22.0	56.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

11 JUNE 1977  
1510 GMT

129 91. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	585.0	948.2	25.2	20.3	180.0	3.6	0.0	3.6	303.9	347.0	16.1	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.5	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
0.5	12.8	807.0	925.0	24.6	19.4	179.5	7.1	-0.1	7.1	304.4	346.3	15.5	73.0	0.3	359.
1.5	15.0	1043.0	903.0	21.9	18.5	191.9	7.2	1.5	7.1	304.1	344.8	15.2	81.3	0.8	3.
2.3	17.0	1297.6	875.0	19.0	18.0	202.1	6.6	2.5	6.3	303.5	344.1	15.1	54.1	1.0	7.
3.3	19.3	1545.9	850.0	16.8	15.6	213.5	6.7	3.7	5.6	303.8	339.7	13.3	92.6	1.4	13.
4.4	21.4	1797.0	825.0	14.9	10.6	224.2	3.5	2.7	2.8	308.5	336.0	9.8	58.9	1.8	18.
5.4	23.8	2057.0	800.0	17.1	8.1	202.3	2.4	0.9	2.3	309.4	333.6	8.6	55.5	1.5	20.
6.5	26.0	2327.5	775.0	16.5	-6.2	233.2	1.0	1.0	-0.2	311.5	320.9	3.1	20.4	2.0	20.
7.5	28.5	2605.8	750.0	14.8	-0.8	93.5	1.2	0.2	0.2	312.7	326.9	4.8	34.3	2.0	21.
9.6	30.9	2891.6	725.0	13.2	-4.0	111.7	2.5	-2.3	0.9	313.9	325.7	3.9	30.1	2.0	16.
9.8	33.5	3145.6	700.0	10.9	-1.3	123.9	2.1	-1.7	1.2	314.5	329.3	5.0	42.6	2.0	11.
11.0	35.9	3497.8	675.0	8.9	-3.9	105.3	1.7	-1.6	0.5	315.5	328.4	4.3	40.6	2.1	8.
12.3	38.7	3799.3	650.0	6.7	-4.1	79.1	1.2	-1.1	-0.2	316.5	329.7	4.3	45.8	2.1	6.
13.4	41.2	4120.0	625.0	4.1	-6.4	69.5	1.2	-1.1	-0.4	317.1	328.7	3.6	46.1	2.1	3.
14.7	44.1	4450.5	600.0	1.3	-7.6	42.6	1.2	-0.8	-0.9	317.7	328.7	3.6	51.1	2.0	1.
15.0	47.1	4791.6	575.0	-1.5	-9.5	355.9	0.2	0.0	-0.2	318.2	328.3	2.2	54.5	1.9	1.
17.3	50.1	5144.9	550.0	-3.4	-13.7	93.2	1.2	-1.2	0.1	320.0	327.7	2.4	44.8	1.9	359.
19.5	52.9	5510.9	525.0	-6.1	-18.8	104.2	0.4	-0.4	0.1	321.1	326.5	1.6	35.8	1.9	357.
20.0	55.9	5891.1	500.0	-8.8	-20.1	54.0	0.7	-0.4	-0.6	322.4	327.4	1.5	39.2	2.0	357.
21.6	59.1	6297.0	475	-10.7	-28.9	34.3	0.7	-2.1	-1.5	324.8	325.8	0.3	7.6	1.8	253.
23.3	62.6	6700.3	450	-13.6	-49.2	60.3	2.5	-2.1	-1.2	326.2	326.8	0.2	5.7	1.8	345.
24.9	65.9	7133.5	425.	-15.1	-56.0	101.8	1.8	-1.8	0.4	329.6	329.8	0.0	1.6	1.8	337.
25.7	69.6	7588.9	400.	-17.4	-43.9	207.9	3.1	1.5	2.8	331.1	331.8	0.2	8.4	2.0	339.
29.5	73.2	8044.7	375.0	-20.1	-39.2	219.7	3.4	2.2	2.6	332.5	333.7	0.3	19.2	2.2	347.
33.3	77.2	8570.3	350.0	-22.1	-34.7	226.3	5.8	4.8	3.2	333.6	335.7	0.6	43.9	2.3	357.
35.3	81.2	9101.4	325.0	-31.2	-35.8	231.9	7.9	6.2	4.9	334.0	336.0	0.5	61.7	2.9	11.
34.4	85.5	9647.4	300.0	-36.1	-43.4	232.6	8.3	6.6	5.0	334.5	335.5	0.3	46.8	3.8	21.
36.6	90.0	10262.2	275.0	-39.4	-56.6	230.4	9.4	9.3	1.6	338.2	338.5	0.1	13.8	4.7	31.
34.9	95.0	10911.4	250.0	-43.0	99.9	261.5	12.7	12.5	1.9	342.1	339.9	99.9	995.9	5.7	41.
40.9	100.0	11619.0	225.0	-44.2	95.5	256.1	16.8	16.3	4.0	350.8	999.9	99.9	999.9	7.1	50.
43.5	105.5	12397.9	200.0	-50.3	99.9	252.3	19.1	18.2	5.8	353.1	999.9	99.9	999.9	9.8	57.
48.4	111.5	13246.2	175.0	-56.7	99.9	253.3	14.1	14.0	1.7	356.3	999.9	99.9	955.5	12.7	62.
44.5	114.5	14219.3	150.0	-63.4	99.9	230.7	8.8	6.8	5.6	360.8	999.9	99.9	999.9	14.6	64.
53.0	126.0	15314.3	125.0	-70.9	99.9	260.4	15.2	15.0	2.5	366.7	999.9	99.9	995.9	17.1	63.
57.2	135.0	16628.2	100.0	-71.5	99.5	599.9	99.9	99.9	99.9	389.5	999.9	99.9	995.5	999.9	599.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. E50  
BIG SPRING, TEXAS

11 JUNE 1977  
1500 GMT

119 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	791.0	925.4	25.6	19.3	190.0	7.7	1.3	7.6	305.5	344.7	14.5	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.0	784.8	925.0	25.5	18.2	999.9	99.9	99.9	99.9	305.4	344.5	14.4	63.9	999.9	999.9
0.7	14.2	1024.9	900.0	21.8	15.5	999.9	99.9	99.9	99.9	304.0	337.7	12.4	67.4	999.9	999.9
1.6	16.2	1249.4	875.0	20.0	16.0	999.9	99.9	99.9	99.9	304.6	340.5	13.2	77.7	999.9	999.9
2.4	18.5	1519.6	850.0	19.0	12.8	198.9	4.7	1.5	4.4	306.1	336.7	11.1	68.4	1.0	14.
3.3	20.7	1777.1	825.0	19.2	10.2	195.6	3.4	0.9	3.3	308.9	335.8	9.6	55.9	1.2	15.
4.2	23.0	2041.3	800.0	18.2	3.1	193.4	2.0	0.5	1.9	310.5	328.0	6.0	36.7	1.4	14.
5.1	25.3	2313.4	775.0	18.0	4.0	129.4	2.6	-2.1	1.6	313.1	332.3	6.6	35.4	1.4	13.
6.1	27.7	2593.3	750.0	16.3	1.1	128.4	4.6	-3.6	2.8	314.3	330.7	5.5	25.6	1.5	4.
7.1	30.2	2880.5	725.0	14.2	-0.2	133.5	4.5	-3.3	3.1	315.0	330.5	5.2	37.1	1.7	357.
8.0	32.8	3174.8	700.0	-11.6	-2.1	93.7	4.7	-4.7	0.3	315.3	329.3	4.7	38.4	1.9	352.
9.0	35.3	3478.3	675.0	10.0	-4.4	85.8	3.8	-3.8	-0.3	316.9	329.3	4.1	35.9	1.9	340.
10.0	37.8	3790.6	650.0	7.5	-6.7	85.2	5.0	-5.0	-0.4	317.4	328.4	3.6	35.8	2.0	338.
11.1	40.5	4112.1	625.0	4.6	-7.9	78.7	7.2	-7.1	-1.4	317.7	328.2	3.4	35.8	2.1	323.
12.1	43.1	4442.8	600.0	1.5	-9.9	67.8	7.6	-7.1	-2.9	317.8	327.2	3.0	42.5	2.3	316.
13.5	46.0	4793.9	575.0	-1.7	-9.4	159.6	3.1	-1.1	2.9	318.1	328.1	3.3	55.3	2.6	306.
14.7	49.0	5174.8	550.0	-3.7	-8.1	50.1	2.1	-1.6	-1.4	319.7	331.4	3.8	71.3	2.7	309.
15.8	51.8	5503.1	525.0	-6.4	-11.4	18.8	5.0	-1.6	-4.7	320.7	330.3	3.0	67.5	2.7	300.
17.0	54.9	5893.2	500.0	-8.6	-13.5	340.5	1.7	0.6	-1.6	322.6	331.1	2.7	67.5	2.5	297.
18.4	58.0	6279.5	475.0	-10.8	-17.9	178.9	0.4	-0.0	0.4	324.6	331.0	2.0	55.8	2.5	296.
19.6	61.3	6693.7	450.0	-13.2	-23.1	141.0	1.5	-1.0	1.3	326.7	331.1	1.3	42.7	2.6	297.
21.0	64.6	7127.1	425.0	-15.7	-25.1	244.5	1.3	1.1	0.5	328.8	332.8	1.2	44.5	2.6	298.
22.4	68.0	7591.8	400.0	-18.9	-34.2	228.6	3.2	2.4	2.1	330.4	332.3	0.5	24.4	2.5	302.
24.0	71.5	8059.1	375.0	-22.8	-34.6	219.7	6.2	3.9	4.8	331.4	333.3	0.5	33.2	2.4	311.
25.5	75.3	8561.2	350.0	-26.6	-37.5	216.7	7.7	4.6	6.2	332.9	334.5	0.4	34.7	2.7	327.
27.2	79.4	9091.7	325.0	-30.6	-65.1	231.9	7.2	5.7	4.5	334.6	334.7	0.0	2.2	2.9	341.
28.9	83.5	9655.5	300.0	-34.9	-61.2	238.7	7.7	6.6	4.0	336.3	336.4	0.0	4.8	3.2	354.
30.6	87.8	10258.1	275.0	-37.5	-62.5	255.3	12.5	12.1	3.2	340.9	341.0	0.0	5.3	3.7	11.
32.6	92.5	10910.7	250.0	-41.3	99.9	257.4	17.1	16.7	3.7	344.7	999.9	99.9	999.9	4.4	30.
34.6	97.4	11620.2	225.0	-43.9	99.9	251.7	21.5	20.4	6.7	351.2	999.9	99.9	999.9	6.2	45.
36.7	102.6	12403.0	200.0	-49.0	99.9	254.1	21.7	20.9	6.0	355.1	999.9	99.9	999.9	9.0	53.
39.1	108.5	13262.7	175.0	-54.7	99.9	250.8	15.4	14.5	5.1	359.7	999.9	99.9	999.9	11.5	58.
41.6	114.8	14239.3	150.0	-61.3	99.9	221.7	14.2	9.5	10.6	364.5	999.9	99.9	999.9	13.5	58.
44.5	122.0	15349.3	125.0	-68.3	99.9	252.7	13.3	12.7	4.0	371.3	999.9	99.9	999.9	16.7	58.
47.7	130.0	16683.8	100.0	-67.9	99.9	999.9	99.9	99.9	99.9	396.6	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26E  
MIDLAND, TEXAS

11 JUNE 1977  
1800 GMT

127 103. 0

TIME MIN	CNTCT	HEIGHT GOM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	873.0	915.3	32.8	15.8	155.0	2.5	-1.1	2.4	313.8	349.0	12.4	36.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	15.9	1027.3	900.0	28.2	99.9	999.9	99.9	99.9	99.9	310.5	999.9	99.9	999.9	999.9	999.
1.3	18.2	1272.9	875.0	25.9	16.2	999.9	99.9	99.9	99.9	310.6	347.9	12.4	55.3	999.9	999.
2.0	20.5	1529.2	850.0	24.0	15.6	190.5	5.8	1.1	5.7	311.3	348.3	17.3	59.6	0.5	259.
3.0	23.0	1789.3	825.0	20.6	13.3	196.0	3.2	0.9	3.1	310.4	343.3	11.8	62.9	0.7	4.
4.3	25.5	2054.2	800.0	19.0	9.7	165.6	4.2	-1.1	4.1	311.4	338.7	9.6	55.5	1.0	3.
5.4	28.0	2325.6	775.0	18.2	3.6	173.4	3.7	-0.4	3.6	313.4	332.2	6.4	37.8	1.3	260.
6.2	30.7	2606.4	750.0	15.7	3.7	153.7	3.7	-1.7	3.3	313.6	333.1	6.7	44.8	1.4	358.
7.2	33.4	2893.4	725.0	13.9	1.0	131.2	3.3	-2.5	2.2	314.7	331.4	5.7	41.3	1.6	254.
8.0	36.1	3199.1	700.0	11.5	-0.6	115.2	3.2	-2.9	1.4	315.2	330.9	5.3	43.1	1.7	350.
9.0	38.7	3491.4	675.0	9.6	-2.2	103.3	4.4	-4.3	1.0	316.5	331.0	4.8	43.4	1.8	344.
10.1	41.4	3803.2	650.0	6.7	-5.4	90.5	5.6	-5.6	0.0	316.5	328.5	3.9	41.5	2.0	335.
11.2	44.4	4123.7	625.0	3.7	-7.4	79.8	6.1	-6.0	-1.1	316.7	327.5	3.5	44.2	2.1	324.
12.4	47.4	4453.8	600.0	0.8	-7.3	91.2	5.5	-5.3	0.1	317.1	328.3	3.7	54.4	2.4	315.
13.6	50.6	4794.5	575.0	-1.5	-7.5	103.9	2.1	-2.1	0.5	318.2	329.9	3.8	63.7	2.6	312.
14.7	53.6	5147.1	550.0	-4.4	-10.8	49.8	1.6	-1.3	-1.1	318.9	328.4	3.1	61.3	2.7	311.
16.0	56.7	5512.1	525.0	-6.9	-18.4	46.4	3.5	-2.5	-2.4	320.3	325.8	1.7	39.1	2.7	306.
17.3	60.0	5891.9	500.0	-8.1	-16.1	103.9	1.1	-1.1	0.3	323.1	330.2	2.2	52.7	2.7	302.
18.6	63.6	6288.9	475.0	0.4	-21.9	224.9	2.8	2.0	2.0	325.2	329.8	1.4	37.9	2.8	205.
20.1	66.9	6707.3	450.0	7.0	-27.2	241.7	3.0	2.7	1.4	326.9	330.0	0.9	29.1	2.7	310.
21.6	70.6	7136.1	425.0	1	-35.2	249.6	4.8	4.5	1.8	327.9	329.6	0.5	18.1	2.5	317.
23.1	74.3	7589.2	400.0	-1	-32.3	209.7	6.8	3.4	5.9	329.3	331.5	0.6	31.4	2.6	328.
24.7	78.3	8065.0	375.0	-22.	-43.6	210.6	5.7	2.9	4.9	331.3	332.1	0.2	12.9	3.0	339.
26.4	82.3	8566.4	350.0	-27.2	-44.8	223.9	6.3	4.4	4.6	332.1	332.9	0.2	16.9	3.3	348.
28.2	86.5	9095.4	325.0	-32.0	-43.7	230.0	7.4	5.7	4.8	332.6	333.5	0.2	29.8	3.7	357.
30.0	91.0	9656.1	300.0	-35.7	-48.3	221.9	11.5	7.7	8.6	335.0	335.6	0.2	25.8	4.5	7.
32.0	95.8	10259.7	275.0	-39.1	-54.4	226.9	14.2	10.4	9.7	338.5	338.9	0.1	17.8	5.7	16.
34.2	100.8	10907.3	250.0	-42.8	99.9	234.6	16.6	13.5	9.6	342.5	999.9	99.9	999.9	7.6	25.
36.6	106.3	11512.4	225.0	-45.3	99.9	231.5	25.3	19.8	15.8	349.2	999.9	99.9	999.9	10.1	33.
39.2	112.0	12292.0	200.0	-50.7	99.9	237.4	25.0	21.1	13.5	352.5	999.9	99.9	999.9	14.1	39.
41.9	118.3	13249.5	175.0	-56.1	99.9	234.1	20.4	16.5	12.0	357.4	999.9	99.9	999.9	17.5	43.
44.9	125.3	14213.3	150.0	-63.4	99.9	213.1	20.5	11.2	17.2	360.9	999.9	99.9	999.9	20.7	42.
49.4	133.0	15315.8	125.0	-69.4	99.9	246.3	11.1	10.1	4.4	369.3	999.9	99.9	999.9	24.8	44.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
PCST. TEXAS

11 JUNE 1977  
1800 GMT

118 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	771.0	927.9	32.0	22.4	170.0	4.2	-0.7	4.1	311.8	363.5	18.7	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	13.7	799.1	925.0	30.5	19.4	999.9	99.9	99.9	99.9	310.5	354.3	15.8	51.8	999.9	999.
0.9	15.8	1042.7	900.0	26.3	16.0	999.9	99.9	99.9	99.9	308.6	344.2	12.9	53.4	999.9	999.
1.7	18.1	1290.4	875.0	23.6	15.0	181.6	4.7	0.1	4.7	308.3	342.5	12.4	58.7	0.5	11.
2.4	20.4	1543.4	850.0	21.4	14.1	161.7	4.2	-1.3	4.0	308.6	341.9	12.0	63.1	0.7	6.
3.1	22.6	1802.0	825.0	19.2	14.3	140.5	3.7	-2.4	2.9	308.9	343.8	12.6	73.2	0.8	0.
3.9	25.0	2066.2	800.0	16.6	12.0	133.9	5.1	-3.7	3.6	308.9	339.7	11.1	73.9	1.0	351.
4.8	27.3	2377.3	775.0	17.7	4.7	130.0	2.8	-2.2	1.8	312.8	333.0	6.9	42.3	1.2	344.
5.8	29.8	2616.8	750.0	15.4	4.5	128.4	2.1	-1.7	1.3	313.3	333.9	7.1	48.0	1.3	341.
6.8	32.3	2903.5	725.0	12.9	3.6	70.5	1.5	-1.5	-0.5	313.7	333.7	6.9	52.9	1.4	337.
7.9	34.9	3197.9	700.0	11.7	-1.5	39.3	2.5	-1.6	-2.1	315.5	330.2	4.9	39.8	1.3	333.
9.0	37.3	3500.8	675.0	9.0	-3.4	47.6	3.9	-2.9	-2.6	315.7	329.0	4.4	41.6	1.3	322.
10.2	40.1	3811.9	650.0	5.9	-4.7	47.2	4.7	-3.4	-3.2	315.7	328.2	4.2	46.4	1.3	310.
11.3	42.6	4131.9	625.0	3.4	-6.2	55.1	8.4	-6.9	-4.8	316.3	328.1	3.9	49.3	1.4	293.
12.5	45.4	4461.7	600.0	0.7	-7.2	54.3	9.7	-7.8	-5.6	317.0	328.4	3.7	55.5	1.9	275.
13.7	48.3	4802.0	575.0	-2.2	-11.6	54.4	6.4	-5.2	-3.7	317.5	326.0	2.7	48.1	2.4	264.
14.9	51.1	5153.6	550.0	-4.5	-17.0	39.9	3.1	-2.0	-2.3	318.7	324.6	1.8	37.0	2.7	261.
16.1	54.1	5518.1	525.0	-7.2	-20.3	10.3	3.0	-0.5	-2.9	319.8	324.5	1.4	34.1	2.8	257.
17.4	57.0	5896.8	500.0	-9.7	-20.1	355.5	2.4	0.2	-2.4	321.3	326.3	1.5	42.0	2.8	253.
18.9	60.1	6291.5	475.0	-11.6	-18.5	199.2	1.9	0.6	1.8	323.6	329.7	1.9	56.5	2.8	251.
20.4	63.5	6704.8	450.0	-13.9	-24.5	202.2	4.9	1.8	4.5	325.8	329.7	1.2	40.1	2.6	258.
22.1	66.7	7136.4	425.0	-16.9	-31.9	227.7	5.6	4.2	3.8	327.3	329.5	0.6	26.7	2.3	268.
23.7	70.1	7587.8	400.0	-21.2	-35.7	221.5	5.2	3.4	3.9	327.5	329.1	0.4	25.6	1.9	276.
25.3	73.6	8060.9	375.0	-24.8	-36.9	206.2	10.1	4.5	9.1	328.8	330.3	0.4	31.2	1.7	300.
27.1	77.4	8560.1	350.0	-27.7	-47.6	199.0	7.1	2.3	6.7	331.5	332.0	0.1	12.8	2.1	326.
29.0	81.2	9088.8	325.0	-32.0	-49.5	212.2	8.4	4.5	7.1	332.6	333.1	0.1	15.5	2.7	341.
31.1	85.3	9647.8	300.0	-37.8	-50.5	232.2	10.2	8.1	6.2	332.1	332.6	0.1	24.7	3.3	0.
33.4	89.5	10244.6	275.0	-40.3	99.9	225.6	12.7	9.1	8.9	336.9	999.9	99.9	999.9	4.5	16.
35.9	94.0	10889.8	250.0	-43.8	99.9	233.5	15.9	12.8	9.5	341.0	999.9	99.9	999.9	6.5	26.
38.7	98.6	11592.2	225.0	-46.9	99.9	237.1	21.7	18.2	11.8	346.7	999.9	99.9	999.9	9.2	35.
41.7	103.8	12366.3	200.0	-51.8	99.9	244.9	25.0	22.7	10.6	350.8	999.9	99.9	999.9	13.5	43.
45.0	109.5	13223.7	175.0	-56.7	99.9	224.6	19.4	13.6	13.8	356.3	999.9	99.9	999.9	17.6	48.
48.6	115.4	14186.0	150.0	-63.1	99.9	224.3	21.1	14.8	15.1	361.5	999.9	99.9	999.9	21.9	45.
52.8	122.3	15286.6	125.0	-70.0	99.9	228.4	9.9	7.4	6.6	368.3	999.9	99.9	999.9	26.1	47.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

11 JUNE 1977  
1752 GMT

128 92. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	585.0	946.5	31.5	21.4	180.0	2.6	0.0	2.6	309.5	356.6	17.2	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	12.6	789.4	925.0	27.4	17.3	155.6	3.6	-1.5	3.3	307.4	344.6	13.6	53.8	0.2	330.
1.2	14.8	1071.3	900.0	24.7	15.8	158.9	3.9	-1.4	3.6	306.9	341.8	12.7	52.0	0.3	333.
2.0	16.7	1278.2	875.0	22.8	15.8	167.3	4.6	-1.0	4.5	307.5	343.4	13.1	64.7	0.5	336.
3.1	19.0	1570.2	850.0	20.6	15.2	193.3	4.3	1.0	4.1	307.7	343.4	13.0	71.4	0.8	347.
4.5	21.1	1787.8	825.0	17.9	14.5	180.4	3.8	0.0	3.8	307.5	342.5	12.7	80.5	1.1	353.
5.5	23.5	2051.1	800.0	16.1	11.5	184.8	3.0	0.2	3.0	308.4	338.4	10.8	74.6	1.3	355.
6.4	25.8	2321.2	775.0	16.7	-0.6	175.8	0.5	-0.0	0.5	311.8	325.9	4.8	31.0	1.4	355.
7.5	28.1	2600.0	750.0	14.7	0.5	181.0	1.5	0.0	1.6	312.5	328.1	5.3	37.9	1.5	356.
8.8	30.7	2885.8	725.0	12.9	-1.7	177.3	2.0	-0.1	2.0	313.5	327.4	4.7	36.4	1.6	355.
9.8	33.2	3179.7	700.0	10.9	-1.9	219.0	1.0	0.6	0.8	314.6	328.8	4.8	40.8	1.7	356.
10.9	35.7	3492.1	675.0	8.6	-1.7	321.0	0.3	0.4	-0.7	315.3	330.3	5.0	48.1	1.7	358.
12.0	38.3	3793.1	650.0	6.2	-3.2	339.8	1.0	0.3	-0.9	316.0	330.0	4.7	51.0	1.6	358.
13.3	40.9	4113.5	625.0	3.7	-5.3	318.2	1.1	0.7	-0.8	316.7	329.2	4.1	51.8	1.6	360.
14.6	43.7	4444.0	600.0	1.3	-7.8	335.8	1.8	0.7	-1.6	317.7	328.6	3.6	50.6	1.5	2.
16.0	46.6	4785.3	575.0	-1.1	-10.2	353.1	1.7	0.2	-1.7	318.8	328.3	3.1	49.9	1.3	4.
17.4	49.6	5138.4	550.0	-3.4	-16.9	357.1	2.2	0.1	-2.2	320.0	326.0	1.9	34.7	1.2	4.
19.6	52.5	5504.6	525.0	-6.1	-19.1	340.6	2.3	0.8	-2.2	321.1	326.4	1.6	35.0	1.0	8.
20.0	55.6	5884.8	500.0	-8.9	-22.5	34.7	2.3	-1.3	-1.9	322.4	326.5	1.3	31.9	0.8	10.
21.4	58.8	6270.8	475	-11.6	-24.8	83.3	1.5	-1.5	-0.2	323.6	327.2	1.1	32.4	0.8	359.
23.0	62.1	6693.2	450	-12.2	-45.1	179.4	1.9	-0.0	1.9	327.9	328.5	0.2	4.6	0.8	352.
24.7	65.6	7127.9	425	5.1	-37.4	226.8	5.0	3.7	3.4	329.6	330.9	0.4	12.8	1.1	4.
26.5	69.1	7583.0	400	6	-34.8	228.0	5.1	3.8	3.4	330.8	332.6	0.5	22.3	1.6	19.
29.1	72.7	8061.0	375.0	-	-34.2	228.5	5.6	4.2	3.7	332.0	334.0	0.6	33.2	2.0	25.
29.9	76.7	8567.5	350.0	-	-34.7	228.6	7.3	5.5	4.8	332.9	334.9	0.6	46.1	2.7	33.
31.8	80.6	9093.9	325.0	-21.2	-38.6	213.6	8.6	4.7	7.1	333.7	335.3	0.4	47.4	3.6	35.
34.0	85.0	9655.2	300.0	-36.0	-41.6	220.0	7.8	5.0	6.0	334.7	335.9	0.3	55.5	4.7	33.
36.2	89.4	10254.6	275.0	-38.6	-54.0	250.3	10.5	9.9	3.5	339.4	339.7	0.1	17.6	5.7	39.
39.6	94.3	10904.6	250.0	-42.3	99.9	260.8	12.6	12.4	2.0	343.1	999.9	99.9	999.9	7.1	48.
41.2	99.4	11614.9	225.0	-44.9	99.9	246.2	21.5	19.7	8.7	349.7	999.9	99.9	999.9	9.6	54.
44.2	105.0	12390.5	200.0	-51.2	99.9	249.1	19.3	18.0	6.9	351.7	999.9	99.9	999.9	13.5	58.
47.1	111.0	13248.1	175.0	-57.6	99.9	248.4	12.6	11.9	4.7	354.9	999.9	99.9	999.9	16.0	60.
50.5	117.7	14207.1	150.0	-64.7	99.9	219.6	12.2	8.2	9.9	358.6	999.9	99.9	999.9	18.4	58.
54.4	125.5	15200.6	125.0	-71.5	99.9	270.6	10.7	10.7	-0.1	365.5	999.9	99.9	999.9	21.4	55.
59.2	134.3	16612.3	100.0	-72.2	99.9	999.9	99.9	99.9	99.9	388.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

11 JUNE 1977  
1800 GMT

116 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFLGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	781.0	924.9	31.1	18.1	170.0	5.2	-0.9	5.1	311.1	350.9	14.3	46.0	0.0	0.
99.9	99.9	99.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
1.0	14.2	1024.0	500.0	26.5	17.2	599.9	99.9	55.9	99.9	308.9	347.2	13.9	56.6	999.9	999.9
2.0	16.1	1272.6	875.0	25.1	16.6	181.0	7.1	0.1	7.1	309.9	347.9	1.7	55.0	0.9	359.
4.2	18.3	1525.9	850.0	22.6	15.5	193.3	5.5	1.3	5.3	309.8	346.4	13.2	64.3	1.5	4.
5.5	20.5	1766.7	825.0	20.5	14.9	187.6	4.3	0.6	4.8	310.3	346.5	13.0	70.0	1.9	6.
6.4	22.6	2053.5	800.0	18.3	14.2	182.5	3.2	-1.9	2.5	310.6	347.8	13.4	80.0	2.3	5.
7.4	25.0	2324.5	775.0	17.4	9.1	175.6	3.3	-0.3	3.3	312.5	339.3	9.4	58.0	2.3	2.
8.5	27.2	2604.2	750.0	15.6	5.2	136.7	3.3	-2.2	2.4	313.6	335.1	7.4	45.9	2.4	0.
9.5	29.6	2891.6	725.0	14.3	3.6	135.4	2.3	-1.4	1.8	315.2	335.3	6.9	48.4	2.6	358.
10.6	32.1	3185.9	700.0	11.9	1.3	133.4	0.1	-0.1	0.1	315.7	333.5	6.0	48.3	2.7	357.
11.8	34.7	3490.5	675.0	9.8	-0.4	69.8	3.6	-3.4	-1.2	316.6	333.0	5.5	45.0	2.6	359.
12.8	37.0	3802.7	650.0	7.2	-3.5	79.3	8.2	-8.0	-1.7	317.1	330.8	4.6	46.5	2.6	346.
14.1	39.7	4124.4	625.0	4.9	-5.2	68.7	4.7	-4.3	-1.7	318.1	330.8	4.2	47.8	2.6	336.
15.3	42.2	4455.9	600.0	1.9	-8.8	54.0	4.3	-3.4	-2.5	318.4	328.5	3.3	44.8	2.6	325.
16.4	45.0	4797.6	575.0	-0.9	-9.9	50.2	4.0	-3.1	-2.6	318.9	329.4	3.4	54.7	2.6	323.
17.6	47.9	5180.9	550.0	-3.4	-9.0	16.0	4.5	-1.2	-4.3	320.1	331.0	2.5	64.2	2.5	317.
19.0	50.7	5517.8	525.0	-5.6	-16.2	36.6	2.6	-1.5	-2.1	321.7	328.3	2.1	43.0	2.3	310.
20.3	53.6	5898.0	500.0	-8.0	-13.6	81.4	1.7	-1.7	-0.3	323.3	331.8	2.7	64.4	2.4	307.
21.6	56.6	6296.6	475.0	-9.3	-19.0	251.9	2.5	2.4	0.8	324.4	332.4	1.8	45.1	2.4	207.
23.0	59.9	6715.3	450.0	-12.6	-21.3	285.3	4.4	4.2	1.1	327.4	332.6	1.5	48.0	2.3	314.
24.4	63.3	7145.6	425.0	-15.4	-29.3	251.1	4.5	4.2	1.4	329.3	332.0	0.8	25.0	2.1	323.
25.8	66.6	7601.3	400.0	-18.9	-31.2	229.5	4.7	4.7	4.1	330.4	332.9	0.7	32.6	2.0	336.
27.3	70.1	8075.2	375.0	-22.3	-32.8	215.7	10.1	5.9	8.2	332.1	334.3	0.6	37.7	2.0	350.
28.8	73.7	8582.3	350.0	-26.2	-38.4	225.2	9.9	7.0	7.0	333.4	334.8	0.4	30.4	3.1	4.
30.5	77.7	9117.7	325.0	-30.2	-43.6	212.8	9.8	5.3	8.2	335.1	336.0	0.2	25.3	4.0	11.
32.2	81.7	9677.7	300.0	-34.8	-47.7	238.7	10.5	9.3	5.7	336.3	336.9	0.2	25.4	4.8	18.
34.0	85.9	10282.3	275.0	-37.5	-50.5	240.8	13.6	12.1	6.8	340.9	341.4	0.1	24.1	5.9	27.
35.9	90.5	10935.7	250.0	-41.1	99.9	243.2	16.7	14.9	7.5	345.0	345.9	99.9	999.9	7.4	35.
37.9	95.3	11645.6	225.0	-44.2	99.9	239.2	31.2	26.9	16.0	350.8	349.9	99.9	999.9	10.1	42.
40.1	100.5	12426.9	200.0	-49.6	99.9	248.7	23.5	22.1	8.2	354.2	349.9	99.9	999.9	13.3	47.
42.6	106.2	13291.7	175.0	-54.5	99.9	249.3	10.9	10.2	3.9	360.0	349.9	99.9	999.9	16.3	51.
45.2	112.3	14262.9	150.0	-61.5	99.9	220.8	24.2	15.8	18.3	364.2	349.9	99.9	999.9	18.2	51.
48.1	119.3	15775.2	125.0	-67.9	99.9	248.9	13.9	12.9	5.0	374.0	349.9	99.9	999.9	21.8	52.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

11 JUNE 1977  
2100 GMT

121 99. 0

D-70

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GW/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	873.0	913.0	35.6	11.9	120.0	6.8	-5.9	3.4	316.9	344.9	9.7	24.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	15.5	1002.3	900.0	32.2	99.9	999.9	99.9	99.9	99.9	314.7	344.7	99.9	999.9	999.9	999.
1.2	17.4	1254.7	875.0	30.1	12.6	999.9	99.9	99.9	99.9	315.1	345.4	10.6	34.2	999.9	999.
2.0	20.2	1512.7	850.0	27.2	11.4	161.8	7.5	-2.3	7.1	314.6	343.3	10.0	37.3	0.7	3.
2.5	22.5	1775.5	825.0	24.5	10.5	160.4	6.3	-2.3	6.5	314.4	342.4	9.7	41.5	0.9	356.
3.2	25.0	2044.1	800.0	21.9	9.9	159.9	4.5	-1.6	4.2	314.5	342.1	9.6	46.4	1.1	353.
4.0	27.4	2319.0	775.0	19.5	9.6	120.5	3.5	-3.0	1.8	314.8	342.8	9.8	52.7	1.3	350.
4.6	30.0	2600.4	750.0	16.5	8.4	107.9	3.2	-3.1	1.0	314.7	341.4	9.3	58.3	1.4	344.
5.5	32.7	2889.3	725.0	13.7	6.5	101.9	3.0	-2.9	0.6	314.5	338.9	8.4	61.6	1.4	339.
6.5	35.3	3184.0	700.0	12.3	1.4	99.0	4.0	-3.9	0.6	316.2	334.3	6.1	47.3	1.6	333.
7.5	37.8	3487.8	675.0	10.1	-3.3	86.9	4.5	-4.5	-0.1	317.0	330.5	4.5	38.7	1.7	325.
8.5	40.5	3800.4	650.0	7.4	-5.7	82.6	4.5	-4.5	-0.6	317.4	329.1	3.9	38.9	1.9	318.
9.6	43.3	4121.9	625.0	5.0	-8.0	63.8	4.0	-3.6	-1.8	318.2	328.5	3.3	38.2	2.0	311.
10.7	46.2	4453.5	600.0	2.2	-9.2	50.7	2.9	-2.2	-1.8	318.7	328.6	3.2	42.6	2.1	304.
11.8	49.2	4795.5	575.0	-0.8	-8.6	359.0	2.1	0.0	-2.1	319.1	329.9	3.5	55.2	2.1	301.
13.1	52.0	5149.5	550.0	-2.7	-12.9	15.2	2.8	-0.7	-2.7	320.9	329.1	2.6	45.1	2.0	296.
14.3	55.1	5517.3	525.0	-4.8	-13.3	274.6	0.6	0.6	-0.0	322.7	331.0	2.6	51.2	2.0	291.
15.6	58.1	5899.5	500.0	-7.7	-16.1	247.4	4.0	3.7	1.5	323.7	330.7	2.2	50.7	1.8	296.
16.9	61.4	6296.7	475.0	-10.7	-19.8	260.4	6.1	6.0	1.0	324.7	330.6	1.8	51.1	1.5	306.
18.4	64.8	6711.4	450.0	-12.6	-22.6	252.5	5.9	5.6	1.8	327.5	332.1	1.4	42.5	1.3	325.
19.9	68.0	7144.5	425.0	-12.2	-33.2	244.7	6.1	5.5	2.6	328.1	330.1	0.5	21.5	1.3	349.
21.5	71.4	7598.2	400.0	-12.2	-36.9	229.5	6.5	5.0	4.2	329.5	331.0	0.4	19.8	1.6	10.
23.1	75.2	8075.2	375.0	-12.2	-39.5	212.0	7.6	4.0	6.4	332.3	333.5	0.3	18.8	2.2	19.
24.8	79.1	8579.0	350.0	-20.0	-40.2	220.9	9.7	6.3	7.3	333.0	334.2	0.3	26.1	3.0	22.
26.6	82.8	9109.7	325.0	-31.1	-43.8	242.3	11.6	10.2	5.4	333.9	334.8	0.2	27.2	4.1	31.
28.6	87.0	9671.2	300.0	-35.3	-50.8	234.2	13.3	10.8	7.8	335.6	336.1	0.1	18.5	5.4	39.
30.7	91.4	10273.8	275.0	-39.1	-54.6	226.5	17.0	12.3	11.6	338.7	339.0	0.1	17.3	7.3	42.
33.0	95.0	10923.0	250.0	-42.7	-55.5	229.9	22.2	17.0	14.3	342.6	999.9	99.9	999.9	9.9	43.
35.4	100.9	11531.1	225.0	-44.6	-55.9	234.1	26.2	22.9	16.6	350.2	999.9	99.9	999.9	13.5	46.
38.1	106.3	12407.9	200.0	-51.1	-55.9	234.3	28.5	23.2	16.6	351.8	999.9	99.9	999.9	18.2	48.
40.9	112.0	13269.4	175.0	-55.5	-55.9	235.5	22.7	18.7	12.8	358.3	999.9	99.9	999.9	22.5	49.
44.2	119.3	14233.7	150.0	-63.1	-55.9	217.3	21.5	13.0	17.1	361.3	999.9	99.9	999.9	26.3	48.
49.0	125.8	15337.8	125.0	-65.4	-55.9	236.1	11.3	9.3	6.3	369.3	999.9	99.9	999.9	30.8	49.
52.5	133.7	16559.2	100.0	-69.5	-55.9	999.9	99.9	99.9	99.9	393.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
PCST, TEXAS

11 JUNE 1977  
2100 GMT

86 222. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	771.0	925.2	34.9	17.6	999.9	99.9	99.9	99.9	315.0	354.2	13.9	36.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	13.4	771.0	925.0	34.9*	17.6	999.9	99.9	99.9	99.9	315.0	354.0	13.8	35.6	999.9	999.9
0.6	15.6	1020.3	900.0	31.3	13.3	999.9	99.9	99.9	99.9	313.8	344.5	10.8	33.5	999.9	999.9
1.3	17.9	1271.7	875.0	28.1	11.9	999.9	99.9	99.9	99.9	313.0	341.7	10.1	36.7	999.9	999.9
2.1	20.2	1528.2	850.0	25.9	11.1	999.9	99.9	99.9	99.9	313.3	341.3	9.8	35.5	999.9	999.9
3.0	22.5	1789.8	825.0	23.2	9.8	999.9	99.9	99.9	99.9	313.1	339.6	9.3	42.6	999.9	999.9
3.8	25.0	2057.2	800.0	21.2	9.4	999.9	99.9	99.9	99.9	313.8	340.5	9.3	46.8	999.9	999.9
5.0	27.4	2331.7	775.0	18.7	9.1	999.9	99.9	99.9	99.9	313.9	341.0	9.4	53.6	999.9	999.9
6.2	29.8	2612.1	750.0	15.5	7.1	999.9	99.9	99.9	99.9	313.4	337.9	8.5	57.5	999.9	999.9
7.2	32.3	2899.4	725.0	13.0*	3.5	999.9	99.9	99.9	99.9	313.7	333.5	6.8	52.5	999.9	999.9
8.2	34.9	3192.7	700.0	11.8	-1.8	999.9	99.9	99.9	99.9	315.6	329.9	4.8	38.5	999.9	999.9
9.2	37.4	3495.7	675.0	9.0*	-3.7	999.9	99.9	99.9	99.9	315.7	328.7	4.3	40.4	999.9	999.9
10.4	40.1	3806.3	650.0	5.9	-6.4	999.9	99.9	99.9	99.9	315.7	326.8	3.7	40.7	999.9	999.9
11.7	42.7	4126.6	625.0	3.9	-8.5	999.9	99.9	99.9	99.9	317.0	326.6	3.1	38.6	999.9	999.9
13.0	45.4	4457.3	600.0	2.1	-11.5	999.9	99.9	99.9	99.9	318.6	326.9	2.6	35.5	999.9	999.9
14.4	48.2	4799.5	575.0	-0.2	-16.8	999.9	99.9	99.9	99.9	319.8	325.5	1.8	27.3	999.9	999.9
15.6	51.1	5153.1	550.0	-3.0	-19.9	999.9	99.9	99.9	99.9	320.5	325.2	1.4	25.6	999.9	999.9
16.9	54.0	5520.2	525.0	-6.0	-21.7	999.9	99.9	99.9	99.9	321.2	325.4	1.3	27.7	999.9	999.9
18.3	57.0	5900.9	500.0	-7.4	-16.6	999.9	99.9	99.9	99.9	324.0	330.8	2.1	47.5	999.9	999.9
19.7	60.0	6298.1	475.0	-10.6	-21.8	999.9	99.9	99.9	99.9	324.9	329.5	1.4	39.0	999.9	999.9
21.2	63.3	6713.5	450.0	-12.5	-35.2	999.9	99.9	99.9	99.9	327.5	329.0	0.4	12.9	999.9	999.9
22.8	66.5	7146.4	425.0	-16.5	-34.8	999.9	99.9	99.9	99.9	327.9	329.5	0.5	18.7	999.9	999.9
24.2	69.9	7599.4	400.0	-19.7	-38.1	999.9	99.9	99.9	99.9	329.4	330.7	0.3	17.5	999.9	999.9
25.8	73.1	8076.2	375.0	-22.3	-40.8	999.9	99.9	99.9	99.9	332.1	333.1	0.3	16.7	999.9	999.9
27.5	76.9	8578.7	350.0	-26.6	-39.0	999.9	99.9	99.9	99.9	332.8	334.2	0.4	29.7	999.9	999.9
29.4	80.6	9108.8	325.0	-31.6	-42.2	999.9	99.9	99.9	99.9	333.2	334.2	0.3	33.8	999.9	999.9
31.4	84.5	9669.5	300.0	-36.3	-48.1	999.9	99.9	99.9	99.9	334.3	334.9	0.2	27.5	999.9	999.9
33.3	88.5	10268.8	275.0	-40.0	99.9	999.9	99.9	99.9	99.9	337.3	999.9	99.9	999.9	999.9	999.9
35.6	92.8	10915.2	250.0	-43.3	99.9	999.9	99.9	99.9	99.9	341.7	999.9	99.9	999.9	999.9	999.9
38.3	97.5	11618.4	225.0	-45.6	99.9	999.9	99.9	99.9	99.9	348.6	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

11 JUNE 1977  
2101 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	585.0	944.8	34.8	19.6	160.0	1.6	-0.5	1.5	313.0	356.1	15.4	41.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	12.5	776.1	925.0	31.4	15.0	137.4	2.6	-1.7	1.9	311.4	344.2	11.7	37.0	0.1	331.
1.2	14.9	1021.2	900.0	28.7	13.5	161.9	3.3	-1.0	3.1	311.1	341.9	10.9	39.3	0.2	329.
1.7	17.1	1271.1	875.0	26.3	13.2	171.2	4.1	-0.6	4.1	311.1	342.0	11.0	44.2	0.3	337.
2.2	19.6	1526.3	850.0	23.9	13.4	174.4	4.1	-0.4	4.1	311.2	343.4	11.5	51.9	0.4	342.
2.7	21.9	1786.5	825.0	21.2	12.2	175.4	3.6	-0.3	3.6	311.0	341.6	10.9	56.5	0.5	345.
3.2	24.4	2052.5	800.0	18.6	11.6	170.5	3.2	-0.5	3.2	311.0	341.4	10.8	63.7	0.6	346.
3.8	26.8	2324.2	775.0	15.5	11.1	177.9	3.7	-0.1	3.7	310.5	340.8	10.8	75.0	0.7	347.
4.5	29.4	2602.0	750.0	12.8	11.5	188.5	3.5	0.5	3.6	310.5	342.5	11.5	81.7	0.9	350.
5.5	32.1	2886.4	725.0	10.0	7.5	223.6	2.8	2.0	2.0	310.5	336.8	9.4	88.0	1.1	355.
6.8	34.9	3179.3	700.0	10.5	-4.9	289.4	2.6	2.4	-0.9	314.1	326.6	3.8	93.6	1.2	4.
8.0	37.4	3491.1	675.0	8.3	-4.9	326.6	2.4	1.3	-2.0	315.0	326.8	3.9	98.6	1.1	13.
9.1	40.3	3791.8	650.0	6.2	-5.6	359.1	2.4	0.0	-2.4	316.0	327.8	3.9	102.5	0.9	17.
10.3	43.0	4112.0	625.0	4.0	-6.4	360.0	2.5	0.0	-2.5	317.0	328.6	3.8	106.4	0.8	21.
11.6	46.0	4442.5	600.0	1.2	-9.0	17.4	3.8	-1.1	-3.6	317.5	327.4	3.2	110.5	0.5	28.
12.8	49.1	4793.7	575.0	-0.9	-13.5	29.4	3.5	-1.7	-3.1	318.9	326.4	2.4	114.9	0.2	31.
14.2	52.0	5135.7	550.0	-4.0	-11.8	23.4	2.3	-0.9	-2.1	319.3	328.1	2.8	119.7	0.0	206.
15.6	55.2	5502.2	525.0	-6.6	-21.1	24.8	0.5	-0.2	-0.4	320.5	325.5	1.5	124.5	0.2	185.
17.2	58.4	5892.1	500.0	-8.8	-27.3	338.8	1.2	0.4	-1.2	322.4	325.2	0.8	129.7	0.2	192.
18.8	61.8	6278.5	475.0	-10.3	-36.5	287.7	2.9	2.8	-0.9	325.2	325.3	0.0	135.1	0.3	160.
20.3	65.3	6692.8	450.0	-12.5	-37.8	279.9	5.4	5.3	-0.9	327.5	327.6	0.0	140.5	0.6	128.
21.9	68.8	7126.9	425.0	-14.5	-35.7	272.2	7.3	7.3	-0.3	329.1	330.7	0.4	146.1	1.2	113.
23.4	72.3	7582.2	400.0	-17.7	-40.6	273.2	8.9	8.8	-0.5	330.7	331.7	0.3	151.9	1.9	105.
25.4	76.3	8059.4	375.0	-21.1	-34.1	235.5	9.4	7.8	5.2	331.4	333.5	0.6	157.7	2.9	93.
27.3	80.4	8552.4	350.0	-24.9	-42.0	215.3	10.1	5.8	8.2	333.5	334.5	0.3	163.9	3.7	80.
29.4	84.5	9093.7	325.0	-30.3	-48.1	201.8	10.4	3.9	9.7	334.3	334.8	0.1	170.1	4.6	67.
31.7	89.0	9654.2	300.0	-34.4	-68.3	236.0	9.7	8.1	5.4	336.9	336.9	0.0	176.7	5.7	56.
33.8	93.6	10259.5	275.0	-38.2	-74.6	247.4	13.1	12.1	5.0	339.8	339.9	0.0	183.1	7.1	60.
36.1	98.4	10909.9	250.0	-42.7	99.9	245.7	16.6	15.2	6.8	342.7	999.9	99.9	189.9	9.1	62.
38.8	103.5	11618.4	225.0	-45.6	99.9	246.9	23.6	21.7	9.3	348.7	999.9	99.9	197.7	12.5	63.
41.7	109.4	12394.7	200.0	-50.7	99.9	244.8	20.5	18.6	8.7	352.6	999.9	99.9	206.1	16.3	64.
44.8	115.4	13252.8	175.0	-57.2	99.9	241.7	13.6	12.0	6.4	355.6	999.9	99.9	215.1	19.7	64.
48.7	122.0	14210.7	150.0	-64.1	99.9	232.5	16.3	12.9	9.9	359.6	999.9	99.9	224.1	22.3	62.
52.3	129.5	15306.6	125.0	-70.8	99.9	258.0	10.5	10.3	2.2	366.8	999.9	99.9	233.1	26.0	63.
57.2	137.3	16619.9	100.0	-72.2	99.9	999.9	99.9	99.9	99.9	388.3	999.9	99.9	242.1	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

11 JUNE 1977

124 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES PS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GPM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	781.0	923.0	34.4	14.8	200.0	4.1	1.4	3.9	314.7	347.7	11.6	31.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	14.4	1003.2	903.0	30.8	12.2	999.9	99.9	99.9	99.9	313.3	341.8	10.0	32.0	999.9	999.9
1.1	16.4	1258.5	875.0	28.7	11.7	999.9	99.9	99.9	99.9	313.6	342.0	10.0	35.0	999.9	999.9
1.5	18.7	1516.4	850.0	26.7	13.6	999.9	99.9	99.9	99.9	314.2	344.7	10.7	40.9	999.9	999.9
2.3	20.9	1779.8	825.0	24.4	15.4	164.0	5.2	-1.4	5.0	314.3	348.3	12.0	51.0	0.7	350.
3.1	23.3	2048.8	800.0	21.6	12.9	162.9	4.3	-1.2	3.8	314.1	347.7	11.8	57.9	0.9	348.
4.0	25.7	2323.6	775.0	18.7	11.9	174.7	5.7	-0.5	5.6	314.0	346.3	11.4	64.3	1.1	347.
5.1	28.2	2604.3	750.0	16.0	10.3	197.5	4.8	1.5	4.6	313.9	344.0	10.6	68.9	1.5	352.
6.3	30.8	2882.1	725.0	13.5	8.1	210.2	2.3	1.2	2.0	314.4	341.5	9.4	65.3	1.7	357.
7.5	33.6	3195.9	700.0	11.1	4.7	119.3	0.1	-0.1	0.0	314.8	337.2	7.7	64.9	1.8	358.
9.4	36.1	3495.5	675.0	8.9	1.6	41.1	2.1	-1.4	-1.6	315.6	334.4	6.4	60.2	1.8	358.
9.5	38.9	3801.2	650.0	6.5	-1.9	47.4	4.2	-3.1	-2.9	316.4	331.8	5.2	54.9	1.6	352.
10.7	41.6	4122.3	625.0	4.8	-5.6	47.0	3.3	-2.4	-2.3	319.0	330.3	4.1	47.0	1.5	342.
12.1	44.6	4454.0	600.0	2.0	-9.5	28.4	2.9	-1.3	-2.5	318.5	328.9	3.4	45.5	1.3	332.
13.4	47.8	4795.2	575.0	-0.3	-10.3	26.8	2.3	-1.0	-2.1	319.7	329.1	3.0	46.5	1.2	325.
14.6	50.8	5150.8	550.0	-2.1	-9.9	40.5	1.2	-0.8	-0.9	321.6	329.9	99.9	955.9	1.2	316.
15.9	54.0	5519.3	525.0	-4.5*	-8.5*	28.9	0.9	-0.5	-0.8	323.1	329.9	99.9	955.9	1.2	316.
17.2	57.3	5900.7	500.0	-6.8*	-6.8*	99.9	0.6	0.6	-0.2	324.7	329.9	99.9	955.9	1.1	312.
18.6	60.7	6299.3	475.0	-9.4	-20.1	252.0	8.9	8.4	2.7	326.4	331.8	1.6	41.2	1.1	331.
20.2	64.4	6715.6	450.0	-11.6	-25.6	269.0	8.2	8.1	0.3	328.7	332.3	1.1	30.3	1.1	25.
21.6	68.0	7150.7	425.0	-15.0	-36.0	243.7	11.2	10.1	5.0	329.8	331.3	0.4	14.6	1.3	43.
23.0	71.7	7605.3	400.0	-18.1	-32.4	240.4	9.1	8.0	4.5	331.5	333.8	0.6	28.2	3.2	49.
24.7	75.8	8086.6	375.0	-20.8	-34.2	230.4	11.2	8.6	7.1	334.0	336.0	0.6	28.8	3.3	51.
26.3	80.1	8591.8	350.0	-25.2	-39.7	226.5	14.6	10.8	10.2	334.8	336.1	0.3	24.6	4.7	51.
28.0	84.4	9126.1	325.0	-29.2	-49.9	239.9	14.4	12.4	7.5	336.5	337.0	0.1	11.4	6.1	51.
29.8	88.8	9692.5	300.0	-33.8	-51.5	242.9	13.7	12.2	6.3	337.7	338.1	0.1	14.7	7.7	53.
31.8	93.5	10299.1	275.0	-36.2	-55.2	237.5	17.2	14.5	9.2	342.8	343.1	0.1	12.0	9.3	54.
33.8	98.8	10934.7	250.0	-40.5	-59.9	241.8	22.0	19.4	10.4	345.8	345.8	99.9	999.9	11.4	56.
36.1	104.0	11659.9	225.0	-42.7	-59.9	243.5	31.0	27.7	13.8	353.0	353.0	99.9	955.9	15.4	58.
38.8	109.8	12453.4	200.0	-48.9	-99.9	242.6	27.2	24.2	12.5	355.4	355.4	99.9	999.9	20.4	59.
41.2	115.4	13323.1	175.0	-53.9	-99.9	245.2	27.4	24.9	11.5	360.9	360.9	99.9	999.9	24.4	59.
44.0	121.8	14297.6	150.0	-60.9	-99.9	227.0	11.8	8.6	9.0	365.1	365.1	99.9	999.9	28.7	58.
47.1	128.3	15414.4	125.0	-67.5	-99.9	245.9	17.1	15.6	7.0	372.7	372.7	99.9	999.9	31.0	59.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

12 JUNE 1977  
0 GMT

122 100. 0

D-74

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	873.0	911.3	36.7	11.5	160.0	2.5	-0.9	2.4	318.2	345.7	9.4	22.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	15.6	985.8	900.0	33.1	99.9	999.9	99.9	99.9	99.9	315.6	999.9	99.9	999.9	999.9	999.
1.6	17.9	1239.8	875.0	31.1	11.5	999.9	99.9	99.9	99.9	316.1	344.5	9.8	30.2	999.9	999.
2.4	20.3	1497.7	850.0	28.6	10.5	165.5	5.8	-1.4	5.6	316.1	343.4	9.4	32.5	0.6	329.
3.1	22.6	1761.7	825.0	25.8	9.4	165.5	7.0	-1.7	6.7	315.9	342.1	9.1	35.6	0.8	334.
3.8	25.1	2031.3	800.0	23.0	8.7	161.9	6.5	-2.0	6.2	315.7	341.5	8.9	40.0	1.2	337.
4.7	27.4	2307.1	775.0	20.6	8.5	151.6	6.8	-3.2	6.0	316.0	342.2	9.0	45.7	1.5	337.
5.7	30.0	2599.2	750.0	17.9	8.0	143.8	7.8	-4.6	6.3	316.0	342.2	9.1	52.6	1.9	335.
7.0	32.7	2879.4	725.0	15.3	7.5	130.5	5.2	-4.0	3.4	316.2	342.5	9.1	60.0	2.4	332.
8.2	35.3	3174.6	700.0	11.9	5.3	116.9	3.7	-3.3	1.7	315.7	339.1	8.0	63.9	2.7	327.
9.1	37.9	3478.3	675.0	9.5	4.4	130.0	3.3	-2.5	2.1	315.3	339.2	7.8	70.4	2.8	326.
10.2	40.5	3750.5	650.0	6.5	2.9	126.8	2.6	-2.1	1.6	316.3	337.8	7.3	77.8	3.0	325.
11.4	43.3	4111.9	625.0	4.2	-0.3	62.1	1.5	-1.3	-0.7	317.3	335.2	6.0	72.4	3.2	324.
12.5	46.3	4447.5	600.0	2.0	-3.3	13.9	2.8	-0.7	-2.7	318.4	333.5	5.0	67.7	3.1	322.
13.7	49.3	4785.6	575.0	-1.0	-5.3	356.9	3.0	0.2	-3.0	318.8	332.5	4.5	72.7	2.9	318.
15.2	52.0	5139.5	550.0	-2.5	-13.0	292.5	3.3	3.1	-1.3	321.1	329.2	2.6	44.4	2.7	316.
16.4	55.1	5507.2	525.0	-4.8	-15.1	274.9	6.4	6.3	-0.5	322.6	329.8	2.2	44.2	2.4	323.
17.7	58.3	5889.7	500.0	-8.3	-17.7	283.0	7.6	7.4	-1.7	323.0	329.2	1.9	46.2	2.1	334.
19.2	61.5	6295.8	475.0	-10.2	-21.4	271.8	5.8	5.8	-0.2	325.4	330.3	1.5	39.5	1.7	351.
20.7	64.9	6700.3	450.0	-12.9	-33.5	263.0	5.4	5.4	0.7	327.0	328.8	0.5	15.9	1.8	5.
22.3	69.2	7137.9	425.0	-16.6	-39.1	269.8	6.5	6.9	0.0	329.0	330.1	0.3	11.2	1.9	25.
24.1	71.7	7599.5	400.0	-20.5	-37.5	243.6	7.5	6.7	3.3	330.5	331.9	0.4	17.3	2.4	38.
25.8	75.4	8066.1	375.0	-24.4	-35.5	237.0	9.7	8.1	5.3	331.7	333.5	0.5	25.6	3.3	43.
27.4	79.3	8547.6	350.0	-27.8	-43.1	242.5	9.3	8.2	4.3	332.1	333.0	0.2	20.3	4.2	47.
29.3	83.2	9096.7	325.0	-31.4	-50.1	245.1	12.5	11.4	5.3	333.4	333.8	0.1	13.8	5.3	51.
31.4	87.3	9659.9	300.0	-35.2	-53.6	243.2	16.9	15.1	7.6	335.8	336.1	0.1	13.1	7.2	54.
33.4	92.0	10261.0	275.0	-38.6	-56.4	243.5	20.1	17.9	9.0	339.3	339.6	0.1	13.1	9.4	56.
35.7	96.4	10910.7	250.0	-42.5	-59.9	237.1	23.8	19.9	12.9	342.7	999.9	99.9	999.9	12.4	57.
38.2	101.4	11618.9	225.0	-45.0	-59.9	234.0	28.3	22.9	16.6	349.6	999.9	99.9	999.9	16.4	57.
41.0	107.0	12395.2	200.0	-51.0	-59.9	232.7	29.4	23.4	17.8	351.9	999.9	99.9	999.9	21.0	56.
44.1	112.8	13257.0	175.0	-55.5	-59.9	227.4	22.5	16.6	15.3	358.3	999.9	99.9	999.9	25.8	55.
47.5	119.3	14221.7	150.0	-63.0	-59.9	227.6	19.2	14.2	13.0	361.6	999.9	99.9	999.9	30.5	53.
51.5	126.7	15324.6	125.0	-69.8	-59.9	205.5	10.5	4.5	9.5	368.5	999.9	99.9	999.9	34.2	53.
56.1	135.0	16443.1	100.0	-70.8	-59.9	999.9	99.9	99.9	99.9	391.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
 POST, TEXAS

12 JUNE 1977  
 0 GMT

122 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	771.0	924.1	34.6	18.2	999.9	99.9	99.9	99.9	314.8	355.5	14.4	28.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	15.5	1009.6	900.0	31.5	13.4	999.9	99.9	99.9	99.9	314.0	344.8	10.8	33.3	999.9	999.9
2.0	18.0	1261.1	875.0	29.0	12.6	999.9	99.9	99.9	99.9	313.9	344.1	10.6	36.6	999.9	999.9
3.3	20.3	1514.3	850.0	26.6	12.2	999.9	99.9	99.9	99.9	314.0	344.2	10.6	40.9	999.9	999.9
4.6	22.8	1790.8	825.0	23.8	10.6	999.9	99.9	99.9	99.9	313.8	342.2	9.9	43.8	999.9	999.9
6.0	25.1	2049.8	800.0	21.3	10.1	999.9	99.9	99.9	99.9	313.9	341.9	9.8	48.8	999.9	999.9
7.3	27.5	2323.3	775.0	19.0	9.3	999.9	99.9	99.9	99.9	314.2	341.6	5.5	52.3	999.9	999.9
9.4	30.1	2604.1	750.0	16.6	7.8	999.9	99.9	99.9	99.9	314.6	340.2	8.9	56.1	999.9	999.9
9.4	32.8	2891.8	725.0	13.4	6.5	999.9	99.9	99.9	99.9	314.1	338.4	8.4	62.9	999.9	999.9
10.5	35.4	3186.4	700.0	10.8	5.3	999.9	99.9	99.9	99.9	314.4	337.6	8.0	68.7	999.9	999.9
11.7	38.0	3494.3	675.0	7.5	3.1	999.9	99.9	99.9	99.9	314.1	334.7	7.1	73.3	999.9	999.9
13.0	40.7	3799.0	650.0	6.0	-3.1	999.9	99.9	99.9	99.9	315.7	329.8	4.7	82.1	999.9	999.9
14.4	43.6	4119.2	625.0	3.6	-7.6	999.9	99.9	99.9	99.9	316.5	327.1	3.5	93.8	999.9	999.9
15.7	46.5	4449.6	600.0	1.6	-11.5	999.9	99.9	99.9	99.9	318.0	326.3	2.6	106.9	999.9	999.9
17.0	49.4	4790.9	575.0	-1.1	-14.4	999.9	99.9	99.9	99.9	318.7	325.7	2.2	121.7	999.9	999.9
18.3	52.3	5144.1	550.0	-3.5	-18.3	999.9	99.9	99.9	99.9	319.9	325.3	1.6	130.7	999.9	999.9
19.7	55.3	5510.0	525.0	-6.3	-16.6	999.9	99.9	99.9	99.9	320.9	327.3	2.0	144.0	999.9	999.9
21.0	58.5	5899.2	500.0	-10.0	-16.3	999.9	99.9	99.9	99.9	320.8	327.7	2.1	159.7	999.9	999.9
22.4	61.9	6292.7	475.0	-13.0	-20.7	999.9	99.9	99.9	99.9	321.9	326.9	1.5	182.1	999.9	999.9
24.1	65.3	6695.1	450.0	-13.9	-37.3	999.9	99.9	99.9	99.9	325.7	327.0	0.3	111.7	999.9	999.9
25.9	69.6	7127.4	425.0	-15.8	-39.0	999.9	99.9	99.9	99.9	328.8	329.9	0.3	111.5	999.9	999.9
27.9	72.3	7581.9	400.0	-19.2	-38.3	999.9	99.9	99.9	99.9	330.0	331.3	0.3	16.6	999.9	999.9
29.6	75.9	8059.9	375.0	-22.9	-37.7	999.9	99.9	99.9	99.9	331.4	332.8	0.4	24.1	999.9	999.9
31.3	79.7	8560.2	350.0	-27.1	-45.2	999.9	99.9	99.9	99.9	332.2	333.0	0.2	18.9	999.9	999.9
33.2	83.7	9099.4	325.0	-31.6	-48.9	999.9	99.9	99.9	99.9	333.1	333.6	0.1	16.0	999.9	999.9
35.3	87.8	9650.7	300.0	-35.8	-53.1	999.9	99.9	99.9	99.9	334.9	335.3	0.1	14.9	999.9	999.9
37.4	92.4	10250.2	275.0	-40.4	99.9	999.9	99.9	99.9	99.9	336.7	999.9	99.9	999.9	999.9	999.9
39.9	97.0	10894.4	250.0	-44.2	99.9	999.9	99.9	99.9	99.9	340.4	999.9	99.9	999.9	999.9	999.9
42.5	101.8	11595.1	225.0	-47.3	99.9	999.9	99.9	99.9	99.9	346.1	999.9	99.9	999.9	999.9	999.9
45.6	107.3	12355.9	200.0	-52.8	99.9	999.9	99.9	99.9	99.9	349.2	999.9	99.9	999.9	999.9	999.9
49.0	112.8	13219.6	175.0	-57.2	99.9	999.9	99.9	99.9	99.9	355.6	999.9	99.9	999.9	999.9	999.9
52.6	119.0	14177.7	150.0	-65.0	99.9	999.9	99.9	99.9	99.9	358.1	999.9	99.9	999.9	999.9	999.9
56.8	126.0	15273.3	125.0	-70.6	99.9	999.9	99.9	99.9	99.9	367.1	999.9	99.9	999.9	999.9	999.9
62.0	134.0	16598.1	100.0	-70.4	99.9	999.9	99.9	99.9	99.9	391.7	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

11 JUNE 1977  
2358 GMT

132 89. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	585.0	942.8	34.0	18.5	180.0	1.7	0.0	1.7	312.4	352.6	14.4	40.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	14.1	757.2	925.0	32.1	13.3	164.0	6.9	-1.9	6.7	312.1	341.8	10.5	32.0	0.1	336.
1.8	16.3	1002.9	900.0	29.6	12.7	165.6	4.6	-1.1	4.5	312.0	341.2	10.3	35.4	0.5	344.
2.7	19.9	1253.4	875.0	27.1	12.0	158.9	5.4	-2.0	5.1	311.9	340.7	10.2	39.2	0.8	343.
3.6	21.0	1509.1	850.0	25.4	11.5	167.5	4.3	-0.9	4.2	312.7	341.5	10.1	42.1	1.1	342.
4.5	23.6	1770.5	825.0	22.5	10.9	169.5	3.5	-0.6	3.5	312.4	340.8	10.0	47.9	1.3	344.
5.6	25.9	2037.6	800.0	20.1	10.1	171.1	3.9	-0.6	3.8	312.6	340.4	9.8	52.7	1.5	345.
6.5	29.6	2310.9	775.0	17.1	10.0	171.1	3.6	-0.6	3.6	312.8	341.3	10.0	60.6	1.7	346.
7.4	31.2	2590.5	750.0	15.1	8.9	175.3	2.5	-0.2	2.5	312.9	340.3	9.6	66.4	1.9	346.
8.4	34.0	2876.8	725.0	12.3	7.2	172.7	0.2	-0.0	0.2	312.9	338.2	8.8	71.1	2.0	347.
9.4	36.6	3171.1	700.0	11.3	2.2	9.7	2.5	-0.4	-2.5	315.0	334.0	6.5	53.7	1.9	346.
10.6	39.4	3474.1	675.0	9.6	-0.2	19.0	2.7	-0.8	-2.6	316.4	333.1	5.6	50.5	1.7	342.
11.7	42.1	3796.6	650.0	7.7	-2.3	6.1	2.7	-0.3	-2.6	317.7	332.8	5.0	46.1	1.5	340.
13.0	45.1	4109.9	625.0	5.6	-5.6	27.4	1.7	-0.8	-1.5	318.9	331.3	4.0	44.2	1.3	335.
14.1	49.1	4441.6	600.0	3.4	-8.0	99.7	0.5	-0.5	0.1	320.1	330.9	3.5	42.7	1.4	332.
15.4	51.0	4796.4	575.0	0.7	-8.2	294.4	2.0	1.9	-0.8	320.8	332.0	3.6	51.2	1.3	334.
16.7	54.2	5140.8	550.0	-2.1	-11.1	297.9	3.3	2.9	-1.5	321.6	331.0	3.0	50.1	1.2	340.
18.1	57.3	5509.4	525.0	-3.9	-20.1	293.4	4.0	3.6	-1.6	323.7	328.7	1.5	27.4	1.0	352.
19.6	60.7	5892.8	500.0	-6.4	-18.8	297.2	7.1	6.3	-3.3	325.3	331.0	1.7	36.3	0.8	21.
21.1	64.1	6292.0	475.0	-9.2	-21.8	299.1	8.7	7.7	-4.1	326.6	331.3	1.4	35.0	1.1	66.
22.7	67.6	6708.5	450.0	-11.5	-24.4	303.0	5.2	4.3	-2.8	328.8	332.8	1.2	33.3	1.6	88.
24.4	71.1	7144.0	425.0	-14.9	-26.7	277.3	4.3	4.7	-0.6	329.8	333.3	1.0	35.9	1.9	95.
26.3	75.0	7600.4	400.0	-19.9	-28.9	249.4	10.1	9.4	3.6	331.7	334.8	0.9	37.3	2.9	90.
28.2	79.0	8079.7	375.0	-25.9	-31.9	239.7	9.7	8.3	4.9	332.7	335.2	0.7	39.2	3.8	82.
29.9	82.8	8583.6	350.0	-25.9	-38.3	237.1	9.2	7.7	5.0	333.8	335.3	0.4	30.1	4.8	77.
32.0	87.0	9116.1	325.0	-30.2	-49.1	255.6	8.9	8.6	2.2	335.1	335.6	0.1	13.6	5.9	75.
34.3	91.7	9692.2	300.0	-33.4	-51.5	244.0	14.3	12.8	6.2	338.3	338.7	0.1	14.1	7.4	73.
36.5	95.4	10293.3	275.0	-37.0	-54.2	246.7	17.1	15.7	6.8	341.6	341.9	0.1	14.8	9.4	72.
39.0	101.3	10940.1	250.0	-42.1	-59.9	249.9	19.0	17.8	6.5	343.4	999.9	99.9	999.9	12.2	71.
41.8	106.8	11650.3	225.0	-44.6	-66.6	242.5	25.5	22.6	11.8	350.2	999.9	99.9	999.9	16.0	70.
45.0	112.5	12429.2	200.0	-50.8	-75.9	241.6	25.1	22.1	11.9	352.4	999.9	99.9	999.9	21.2	68.
48.3	118.5	13288.3	175.0	-55.9	-85.9	236.3	16.1	13.4	8.9	357.7	999.9	99.9	999.9	24.8	67.
51.9	125.3	14252.1	150.0	-62.6	-96.9	244.8	16.3	14.8	6.9	362.2	999.9	99.9	999.9	28.3	65.
56.3	132.7	15357.9	125.0	-69.2	-109.9	212.0	10.6	5.6	9.0	369.6	999.9	99.9	999.9	31.4	65.
61.5	140.0	16678.6	100.0	-70.6	-120.6	192.5	6.4	1.4	6.2	391.4	999.9	99.9	999.9	34.1	63.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

12 JUNE 1977

0 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	791.0	921.5	33.3	14.4	140.0	3.7	-2.4	2.8	313.7	345.7	11.3	32.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	15.8	992.2	900.0	30.3	99.9	999.9	99.9	99.9	99.9	312.7	999.9	99.9	999.9	999.9	999.
1.3	18.3	1243.6	875.0	28.3	16.4	999.9	99.9	99.9	99.9	313.1	351.4	13.6	48.8	999.9	999.
2.3	20.7	1500.3	850.0	25.9	15.0	170.0	7.9	-1.4	7.8	313.2	349.2	12.8	51.2	1.1	358.
3.1	23.2	1762.5	825.0	23.2	13.6	169.7	6.8	-1.3	6.7	313.1	347.1	12.0	55.0	1.5	356.
4.0	25.7	2030.3	800.0	20.6	11.8	160.4	4.0	-1.3	3.8	313.1	344.1	11.0	57.0	1.8	355.
4.9	28.4	2304.0	775.0	17.8	11.0	141.7	3.9	-2.4	3.0	312.9	343.4	10.7	64.5	1.9	352.
5.0	31.1	2587.7	750.0	15.2	10.0	153.5	4.7	-2.1	4.2	313.1	342.6	10.4	70.9	2.2	348.
7.2	33.9	2870.4	725.0	12.4	6.8	179.0	2.1	-0.0	2.1	313.1	337.7	8.6	68.4	2.5	348.
8.5	35.6	3154.5	700.0	10.4	4.7	175.0	1.7	-0.2	1.7	314.0	336.3	7.7	67.6	2.6	349.
9.6	39.4	3467.0	675.0	9.1	-0.7	43.3	1.3	-1.2	-1.3	315.8	331.9	5.4	50.4	2.7	348.
10.7	42.1	3778.8	650.0	7.0	-4.3	21.3	3.9	-1.4	-3.6	315.8	329.9	4.3	44.2	2.4	345.
11.8	45.1	4099.9	625.0	4.5	-6.2	22.4	3.2	-1.2	-2.9	317.6	329.3	3.8	45.6	2.3	341.
12.8	48.3	4431.2	600.0	2.0	-7.8	10.9	2.1	-0.4	-2.1	318.4	329.4	3.6	48.4	2.1	338.
13.8	51.1	4773.4	575.0	-0.3	-11.2	316.5	1.1	0.7	-0.8	319.6	328.5	2.8	43.5	2.1	338.
15.0	54.4	5127.9	550.0	-2.4	-13.6	300.5	2.5	2.2	-1.3	321.2	328.9	2.4	41.6	2.0	340.
16.1	57.5	5495.1	525.0	-5.7	-15.0	291.5	6.4	5.9	-2.3	321.5	328.8	2.3	48.0	1.8	347.
17.3	61.0	5875.4	500.0	-8.9	-16.1	303.7	6.1	5.1	-3.4	322.2	329.2	2.2	56.1	1.5	3.
18.5	64.4	6271.3	475.0	-10.7	-19.3	295.5	4.1	3.7	-1.7	324.7	330.5	1.7	49.0	1.4	13.
19.8	67.9	6685.5	450.0	-12.8	-27.6	280.8	6.7	6.6	-1.3	327.1	330.1	0.9	27.7	1.4	31.
21.3	71.4	7119.5	425.0	-15.8	-30.4	269.6	7.5	7.5	0.1	328.7	331.2	0.7	27.1	1.8	49.
22.7	75.3	7573.9	400.0	-18.8	-31.7	259.1	8.6	8.5	1.6	330.6	332.9	0.7	30.9	2.3	59.
24.3	79.4	8051.4	375.0	-22.6	-33.4	252.7	9.1	8.7	2.7	331.7	333.9	0.6	36.2	3.3	63.
25.0	83.5	8553.7	350.0	-26.5	-39.3	260.9	10.2	10.1	1.6	333.0	334.3	0.4	28.7	4.1	66.
27.7	87.6	9084.5	325.0	-30.7	-42.5	251.8	11.0	10.4	3.4	334.3	335.4	0.3	30.2	5.1	68.
29.5	92.2	9647.7	300.0	-35.4	-46.1	256.2	18.3	17.7	4.3	335.6	336.3	0.2	31.9	6.8	70.
31.4	97.0	10249.4	275.0	-38.8	-50.2	255.1	15.4	14.8	4.0	339.0	339.5	0.1	28.5	8.9	71.
33.3	101.8	10899.0	250.0	-42.9	99.9	244.7	22.0	19.9	9.4	342.4	999.9	99.9	999.9	10.7	71.
35.4	107.4	11607.1	225.0	-44.8	99.9	250.9	35.8	34.7	12.0	349.9	999.9	99.9	999.9	14.2	70.
37.8	113.0	12385.2	200.0	-50.7	99.9	244.8	26.4	23.9	11.3	352.5	999.9	99.9	999.9	18.8	70.
40.3	119.0	13246.7	175.0	-55.4	99.9	245.9	27.7	25.3	11.3	358.5	999.9	99.9	999.9	23.3	69.
42.7	125.8	14214.2	150.0	-62.4	99.9	999.9	99.9	99.9	99.9	362.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

12 JUNE 1977  
300 GMT

119 103. 0

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	873.0	912.3	30.0	14.5	150.0	8.4	-4.2	7.3	311.2	343.5	11.5	39.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	15.5	994.0	500.0	29.3	99.9	160.2	12.6	-4.3	11.9	311.7	999.9	99.9	999.9	0.4	342.
1.4	17.9	1244.4	875.0	27.5	15.3	162.4	13.1	-4.0	12.5	312.4	347.8	12.6	47.1	1.1	341.
2.3	20.3	1500.8	850.0	25.3	14.5	165.6	12.5	-3.1	12.1	312.6	347.4	11.4	51.4	1.8	342.
3.2	22.7	1762.2	825.0	22.4	13.1	168.6	10.3	-2.1	10.6	312.3	345.0	11.6	55.6	2.4	344.
4.1	25.2	2029.4	800.0	20.3	12.0	172.8	9.7	-1.2	9.6	312.8	344.3	11.1	59.0	3.0	345.
5.0	27.6	2303.4	775.0	18.5	11.1	182.6	5.5	0.3	5.5	313.7	344.5	10.8	62.1	3.4	346.
6.0	30.2	2594.0	750.0	15.8	9.2	207.8	3.0	1.4	2.7	313.8	341.8	9.8	64.7	3.6	348.
7.1	32.8	2871.6	725.0	13.7	7.2	291.8	3.4	3.4	-0.7	314.5	340.1	8.9	64.7	3.6	351.
8.2	35.5	3166.8	700.0	11.5	5.3	306.3	3.8	3.1	-2.3	315.2	338.5	8.0	65.5	3.5	354.
9.3	38.1	3470.6	675.0	9.9	2.9	329.4	4.1	2.1	-3.6	316.7	337.4	7.0	62.1	3.2	357.
10.6	40.7	3793.5	650.0	7.5	-0.0	345.5	4.0	1.0	-3.8	317.4	335.0	5.9	58.9	2.9	359.
11.8	43.6	4105.3	625.0	4.6	-4.5	334.9	3.7	1.6	-3.4	317.8	331.2	4.4	51.5	2.7	0.
13.0	46.6	4434.7	600.0	2.0	-7.7	324.2	3.8	2.0	-3.3	318.4	329.5	3.6	48.7	2.4	4.
14.1	49.6	4778.6	575.0	-0.8	-6.7	320.7	3.4	2.2	-2.7	319.0	331.4	4.0	64.3	2.3	7.
15.2	52.5	5132.0	550.0	-4.0	-5.8	315.0	2.2	1.6	-1.6	319.4	333.2	4.5	87.3	2.1	12.
16.4	55.5	5497.9	525.0	-6.7	-10.7	307.5	0.8	0.7	-0.5	320.4	330.4	3.2	73.1	2.1	14.
17.8	58.7	5877.1	500.0	-9.6	-10.8	228.6	2.5	1.9	1.6	321.4	331.8	3.4	90.9	2.1	15.
19.3	62.0	6271.1	475.0	-12.6	-21.6	232.8	7.8	6.3	4.7	322.4	327.1	1.4	46.5	2.5	22.
21.0	65.4	6685.5	450.0	-15.5	-27.4	222.4	10.7	7.2	7.9	327.5	330.6	0.9	27.5	3.4	29.
22.8	68.9	7120.9	425.0	-18.4	-27.8	217.6	11.0	6.7	8.8	330.5	333.7	0.9	30.9	4.6	31.
24.6	72.3	7577.9	400.0	-21.3	-32.8	249.6	11.6	10.8	4.2	332.6	334.8	0.6	24.1	5.7	35.
26.3	75.1	8058.9	375.0	-24.2	-35.8	276.5	14.5	14.4	-1.7	334.4	336.1	0.5	24.0	6.7	44.
27.9	80.1	8565.2	350.0	-27.1	-39.6	293.7	14.2	13.8	-3.4	334.9	336.2	0.3	24.3	7.5	53.
29.7	84.0	9099.9	325.0	-29.2	-42.6	287.6	13.6	12.9	-4.1	336.5	337.5	0.3	25.6	8.4	61.
31.8	89.2	9666.8	300.0	-33.1	-45.9	286.9	19.9	19.0	-5.8	338.8	339.6	0.2	25.9	10.0	70.
34.0	92.8	10271.2	275.0	-38.9	-50.1	283.0	21.0	20.4	-4.7	338.8	339.4	0.1	29.2	12.3	77.
36.3	97.4	10919.0	250.0	-43.4	99.9	277.5	21.2	21.0	-2.8	341.6	999.9	99.9	999.9	14.8	82.
38.4	102.2	11622.5	225.0	-46.6	99.9	249.2	26.0	24.3	9.2	347.1	999.9	99.9	999.9	17.8	82.
41.2	107.6	12394.4	200.0	-51.9	99.9	239.0	29.2	25.1	15.1	350.6	999.9	99.9	999.9	22.3	78.
44.5	113.3	13249.9	175.0	-57.0	99.9	244.3	25.3	22.8	11.0	355.8	999.9	99.9	999.9	27.9	75.
47.8	119.3	14209.7	150.0	-64.6	99.9	213.1	20.5	11.2	17.1	358.9	999.9	99.9	999.9	31.9	71.
51.3	125.8	15203.6	125.0	-71.2	99.9	207.3	20.4	9.4	18.2	366.1	999.9	99.9	999.9	36.1	67.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

12 JUNE 1977  
300 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	771.0	925.5	29.5	16.0	999.9	99.9	99.9	99.9	309.4	344.0	12.5	44.0	999.9	999.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	13.9	775.8	925.0	29.5*	99.9	999.9	99.9	99.9	99.9	309.5	999.9	99.9	999.9	999.9	999.
0.7	16.1	1016.3	900.0	25.5	11.2	999.9	99.9	99.9	99.9	307.8	334.0	9.4	40.9	999.9	999.
1.9	18.5	1264.0	875.0	25.3	10.1	999.9	99.9	99.9	99.9	310.1	335.3	8.9	38.2	999.9	999.
4.4	20.8	1519.5	850.0	24.5	11.2	999.9	99.9	99.9	99.9	311.8	340.0	9.9	43.5	999.9	999.
5.9	23.3	1778.8	825.0	21.4	10.4	999.9	99.9	99.9	99.9	311.2	338.7	9.7	45.6	999.9	999.
6.9	25.7	2044.8	800.0	19.3	10.1	999.9	99.9	99.9	99.9	311.8	339.4	9.8	55.1	999.9	999.
7.6	28.2	2314.9	775.0	16.2	9.2	999.9	99.9	99.9	99.9	311.2	338.1	9.5	63.2	999.9	999.
8.7	30.8	2595.1	750.0	14.1	9.1	999.9	99.9	99.9	99.9	311.9	339.6	9.8	71.6	999.9	999.
10.0	33.4	2880.7	725.0	10.9	7.5	999.9	99.9	99.9	99.9	311.4	337.8	9.3	81.6	999.9	999.
11.6	35.9	3172.5	700.0	8.8	6.7	999.9	99.9	99.9	99.9	312.2	337.5	8.9	87.1	999.9	999.
13.0	38.6	3472.9	675.0	6.3	4.5	999.9	99.9	99.9	99.9	312.8	335.4	7.9	88.1	999.9	999.
14.4	-41.1	3781.7	650.0	3.9	2.1	999.9	99.9	99.9	99.9	313.4	333.4	6.9	88.3	999.9	999.
18.4	44.0	4099.9	625.0	1.1	0.1	999.9	99.9	99.9	99.9	313.7	331.8	6.2	92.9	999.9	999.
19.9	46.9	4425.9	600.0	-0.7	-1.7	999.9	99.9	99.9	99.9	315.3	332.0	5.6	92.8	999.9	999.
21.1	49.9	4766.8	575.0	-2.7	-4.3	999.9	99.9	99.9	99.9	316.8	331.4	4.8	88.7	999.9	999.
22.1	52.7	5119.9	550.0	-4.5	-7.0	999.9	99.9	99.9	99.9	318.7	331.3	4.1	82.7	999.9	999.
23.1	55.7	5484.0	525.0	-7.3	-10.8	999.9	99.9	99.9	99.9	319.7	329.7	3.2	75.8	999.9	999.
24.2	59.8	5862.7	500.0	-10.1	-14.1	999.9	99.9	99.9	99.9	320.7	328.8	2.6	72.4	999.9	999.
25.2	62.0	6257.6	475.0	-10.9	-14.5	999.9	99.9	99.9	99.9	324.5	332.9	2.6	74.7	999.9	999.
27.0	65.3	6659.5	450.0	-16.2	-22.0	999.9	99.9	99.9	99.9	322.9	327.7	1.4	60.6	999.9	999.
29.0	69.7	7099.6	425.0	-16.9	-22.4	999.9	99.9	99.9	99.9	327.3	332.3	1.5	62.4	999.9	999.
31.7	72.0	7553.4	400.0	-18.9	-24.3	999.9	99.9	99.9	99.9	330.4	334.9	1.3	62.5	999.9	999.
34.1	75.7	8031.8	375.0	-21.6	-27.0	999.9	99.9	99.9	99.9	333.0	336.9	1.1	61.6	999.9	999.
36.0	79.5	8538.2	350.0	-24.4	-29.5	999.9	99.9	99.9	99.9	335.8	339.1	0.9	60.4	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

12 JUNE 1977  
303 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0-0	13.1	545.0	943.1	29.8	19.2	120.0	0.5	-0.4	0.2	308.1	349.3	15.0	53.0	0.0	0.
00.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	95.9	999.9	999.9	999.9
01.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
03.6	14.9	759.0	925.0	30.9	16.5	999.9	99.9	99.9	99.9	310.9	346.8	12.9	42.0	999.9	999.9
04.7	17.2	1003.5	900.0	28.1	14.7	999.9	99.9	99.9	99.9	310.4	343.4	11.8	44.0	999.9	999.9
05.6	19.8	1252.8	875.0	25.7	14.1	168.9	11.1	-2.5	10.8	310.5	343.2	11.7	48.6	1.7	340.
06.4	22.2	1507.3	850.0	23.4	13.2	169.4	8.9	-1.6	8.7	310.7	342.5	11.4	52.8	2.7	340.
07.9	24.9	1767.1	825.0	20.7	12.2	175.8	9.6	-0.6	8.6	310.5	341.1	10.9	58.1	2.9	345.
08.0	27.3	2032.8	800.0	18.2	11.3	187.6	8.3	1.1	8.2	310.5	340.3	10.6	64.2	3.5	348.
09.1	30.1	2304.1	775.0	15.5	10.9	188.2	6.8	1.0	6.7	310.5	340.5	10.7	74.2	4.0	350.
10.2	32.9	2582.1	750.0	13.1	10.9	188.7	6.4	1.0	6.3	310.8	341.8	11.0	86.5	4.3	352.
11.5	35.6	2856.7	725.0	10.3	9.0	193.8	3.6	0.9	3.5	310.7	339.1	10.0	91.9	4.7	353.
12.6	38.4	3158.8	700.0	8.8	6.9	333.9	2.0	0.9	-1.8	312.2	337.8	9.0	87.9	4.8	354.
13.7	41.1	3459.5	675.0	6.8	2.8	352.3	4.1	0.5	-4.0	313.2	333.5	7.0	76.1	4.5	354.
14.1	47.0	4089.3	625.0	3.9	-7.5	9.5	3.4	-0.5	-3.4	316.9	327.6	3.5	43.3	3.9	353.
15.6	50.1	4419.5	600.0	1.1	-9.0	328.4	1.7	1.0	-1.4	317.4	327.3	3.2	46.6	3.7	356.
17.0	53.0	4760.4	575.0	-1.2	-10.7	283.0	3.6	3.5	-0.8	318.6	327.8	2.9	48.2	3.4	0.
18.4	56.0	5113.4	550.0	-3.7	-11.7	291.8	3.6	3.4	-1.3	319.7	328.6	2.8	53.8	3.6	0.
19.9	50.3	5479.5	525.0	-6.6	-14.4	287.4	4.5	4.3	-1.4	320.4	328.1	2.4	54.1	3.4	6.
21.6	62.7	5959.9	500.0	-9.4	-17.4	301.2	3.9	3.3	-2.0	321.6	328.0	2.0	52.0	3.4	14.
23.2	66.0	6253.9	475.0	-11.1	-22.9	298.0	2.2	1.9	-1.0	324.3	328.5	1.3	27.0	3.2	18.
25.3	69.6	6647.7	450.0	-13.5	-27.7	261.3	4.1	4.1	0.6	326.2	329.3	0.9	29.5	3.4	24.
27.1	73.0	7099.9	425.0	-15.5	-38.0	260.9	7.1	7.0	1.1	327.8	329.0	0.3	13.5	3.7	31.
29.0	75.7	7554.0	400.0	-17.7	-39.0	250.2	8.9	8.3	3.0	330.7	331.9	0.3	14.6	4.5	41.
31.0	80.6	8031.4	375.0	-20.4	-46.4	247.3	6.5	6.0	2.5	332.0	332.6	0.2	9.1	5.3	45.
33.0	84.7	8544.0	350.0	-23.1	-48.7	261.4	10.3	10.2	1.5	333.3	333.8	0.1	10.0	6.1	49.
35.2	89.7	9065.9	325.0	-25.8	-55.4	279.5	14.0	13.8	-2.3	335.6	335.9	0.1	6.2	7.4	58.
37.4	93.2	9610.9	300.0	-34.9	-51.4	273.3	16.1	16.0	-0.9	336.2	336.6	0.1	16.6	9.0	66.
39.8	97.6	10232.8	275.0	-38.8	-57.1	261.5	19.6	19.4	2.9	339.0	339.3	0.1	12.3	11.4	71.
42.1	102.2	10480.7	250.0	-42.2	99.9	247.9	23.2	21.5	8.7	343.3	343.3	99.9	999.9	14.3	72.
44.8	107.5	11599.5	225.0	-45.8	99.9	242.5	25.9	23.0	12.0	348.3	348.3	99.9	999.9	18.4	65.
48.1	112.9	12363.8	200.0	-51.8	99.9	243.9	22.9	20.5	10.0	350.8	349.9	99.9	999.9	23.4	69.
51.3	118.7	13217.4	175.0	-58.3	99.9	240.3	19.4	16.9	9.6	353.7	349.9	99.9	999.9	27.3	68.
54.9	125.2	14171.1	150.0	-65.9	99.9	237.7	19.6	16.5	10.5	356.6	349.9	99.9	999.9	31.1	66.
58.8	132.0	15260.2	125.0	-72.4	99.9	211.6	14.4	7.5	12.2	363.8	349.9	99.9	999.9	34.9	65.
64.0	139.3	16571.3	100.0	-72.5	99.9	99.9	99.9	99.9	99.9	387.7	349.9	99.9	999.9	999.9	999.9
69.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
79.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
89.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

12 JUNE 1977  
300 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	791.0	523.0	28.3	15.9	170.0	2.6	-0.5	2.6	309.4	342.9	12.4	47.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	16.9	1003.9	900.0	27.2	99.9	999.9	99.9	99.9	99.9	309.6	999.9	99.9	999.9	999.9	999.9
1.5	19.6	1252.0	875.0	25.1	14.4	999.9	99.9	99.9	99.9	309.9	343.1	11.9	51.5	999.9	999.9
2.2	22.1	1506.9	850.0	23.0	13.6	179.1	11.4	-0.2	11.4	310.3	342.8	11.7	55.6	1.7	0.
3.1	24.9	1766.7	825.0	20.7	12.6	179.3	9.3	-0.1	9.3	310.4	341.9	11.2	59.8	2.2	0.
3.9	27.4	2032.7	800.0	18.4	11.7	191.2	5.0	0.1	5.0	310.7	341.3	10.9	65.1	2.6	0.
4.8	30.3	2304.1	775.0	16.1	11.1	204.9	1.9	0.8	1.7	311.1	341.5	10.8	72.4	2.8	0.
5.8	33.3	2582.6	750.0	13.7	10.4	326.2	3.4	1.9	-2.9	311.5	341.5	10.6	80.2	2.7	2.
6.7	36.0	2868.2	725.0	12.2	8.6	331.5	3.5	1.6	-3.0	312.8	340.6	9.8	78.9	2.5	5.
7.7	39.0	3151.7	700.0	9.7	5.2	341.0	3.9	1.3	-3.7	313.3	336.3	8.0	73.5	2.3	7.
8.8	42.0	3463.2	675.0	7.4	1.2	357.9	5.3	0.2	-5.3	313.9	332.1	6.2	64.9	2.1	10.
9.9	45.1	3773.0	650.0	4.8	-3.1	7.4	5.1	-0.7	-5.1	314.5	328.4	4.7	56.3	1.6	11.
11.0	48.2	4092.1	625.0	2.8	-5.7	5.5	2.9	-0.3	-2.8	315.7	327.8	4.0	53.2	1.4	12.
12.0	51.1	4421.5	600.0	0.8	-9.3	8.6	3.1	-0.5	-3.1	317.0	326.7	3.1	46.7	1.2	13.
13.0	54.4	4761.8	575.0	-2.3	-12.4	10.4	3.7	-0.7	-3.6	317.3	325.3	2.6	45.7	1.0	13.
14.1	57.6	5113.4	550.0	-4.8	-14.8	11.3	4.2	-0.8	-4.2	318.4	325.4	2.2	45.2	0.8	14.
15.2	61.1	5477.3	525.0	-7.4	-18.6	12.5	3.6	-0.8	-3.5	319.1	324.5	1.7	41.2	0.5	15.
16.3	64.8	5854.8	500.0	-11.1	-16.2	217.2	1.6	1.0	1.3	319.5	326.4	2.1	65.7	0.4	16.
17.6	68.3	6246.5	475.0	-14.4	-14.9	243.0	3.8	3.4	1.7	320.1	328.2	2.5	96.2	0.6	29.
19.1	72.0	6654.1	450.0	-14.8	-29.1	219.6	8.2	5.2	6.3	324.7	327.5	0.8	31.1	1.1	38.
21.1	76.0	7087.0	425.0	-15.9	-28.1	218.4	11.2	7.0	8.8	328.6	331.7	0.9	33.9	2.3	38.
22.7	80.0	7543.2	400.0	-17.3	-29.7	219.6	13.1	8.3	10.1	332.6	335.4	0.8	32.7	3.5	38.
24.4	84.2	8024.0	375.0	-21.0	-33.3	242.7	10.6	9.4	4.8	333.9	336.1	0.6	21.6	4.7	40.
25.8	89.3	8429.2	350.0	-25.5	-37.5	257.1	11.7	11.4	2.6	334.4	336.0	0.4	31.2	5.5	46.
27.2	93.0	9052.1	325.0	-30.2	-38.0	262.7	13.6	13.5	1.8	335.1	336.7	0.4	46.1	6.4	51.
29.7	97.6	9629.9	300.0	-32.8	-36.3	270.7	14.7	14.7	-0.2	339.1	341.2	0.6	70.7	7.4	57.
30.6	102.6	10236.5	275.0	-37.4	-41.3	282.5	16.3	15.9	-3.5	341.1	342.5	0.4	66.2	8.9	64.
32.8	109.0	10896.3	250.0	-43.4	99.9	295.3	27.1	24.5	-11.6	341.5	999.9	99.9	999.9	10.9	74.
34.6	113.4	11597.9	225.0	-48.6	99.9	295.4	30.3	27.4	-13.0	344.0	999.9	99.9	999.9	13.3	84.
36.9	119.3	12354.8	200.0	-53.3	99.9	252.3	38.4	36.5	11.7	348.4	999.9	99.9	999.9	18.1	85.
40.6	125.8	13204.5	175.0	-57.6	99.9	230.4	26.2	20.2	16.7	354.9	999.9	99.9	999.9	24.7	79.
44.3	132.7	14163.9	150.0	-64.8	99.9	227.6	29.2	21.6	19.7	358.5	999.9	99.9	999.9	30.4	73.
49.5	139.5	15264.2	125.0	-69.3	99.9	222.0	33.8	22.6	25.2	369.5	999.9	99.9	999.9	36.8	67.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

13 JUNE 1977  
1445 GMT

121 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	873.0	915.7	27.8	17.9	205.0	5.1	2.2	4.6	308.6	348.0	14.3	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	935.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	14.3	1026.1	900.0	24.5	17.3	999.9	99.9	99.9	99.9	306.8	345.0	14.0	64.1	999.9	999.9
1.5	16.4	1273.1	875.0	24.1	15.3	999.9	99.9	99.9	99.9	308.8	343.8	12.6	58.1	999.9	999.9
2.4	19.8	1527.1	850.0	23.3	12.4	184.7	4.9	0.4	4.9	310.6	340.8	10.8	50.4	0.9	23.
3.6	21.0	1787.0	825.0	21.2	11.1	139.3	4.8	-3.1	3.6	311.0	339.5	10.1	52.5	1.1	12.
4.7	23.4	2033.1	800.0	19.2	8.5	103.6	4.1	-4.0	1.0	311.6	336.6	8.8	50.0	1.2	359.
5.6	25.8	2275.7	775.0	18.5	0.1	96.4	3.8	-3.8	0.4	313.7	328.5	5.0	29.1	1.3	349.
6.7	28.3	2605.7	750.0	16.3	-2.0	84.9	3.1	-3.1	-0.3	314.3	327.5	4.4	28.4	1.4	339.
7.4	30.9	2892.8	725.0	14.7	-7.1	61.3	3.2	-2.8	-1.6	315.7	325.2	3.1	21.3	1.4	332.
9.9	33.5	3185.4	700.0	12.7	-9.9	33.1	5.2	-2.9	-4.4	316.5	325.2	2.8	21.5	1.3	320.
10.0	76.0	3492.0	675.0	10.1	-5.5	22.2	7.4	-2.8	-6.8	316.9	328.4	3.8	32.8	1.2	302.
11.3	38.8	3804.9	650.0	8.0	-10.2	19.0	10.5	-3.4	-9.9	318.1	326.6	2.7	26.2	1.3	270.
12.5	41.3	4125.9	625.0	5.2	-12.4	20.2	11.5	-4.0	-10.8	318.5	325.9	2.4	26.5	1.8	242.
13.7	44.2	4452.2	600.0	2.0	-13.7	15.1	10.5	-2.8	-10.2	318.5	325.5	2.2	30.1	2.4	225.
15.0	47.1	4795.6	575.0	-1.4	-13.9	13.9	10.1	-2.4	-9.8	318.4	325.6	2.3	37.7	3.1	220.
16.3	50.1	5152.2	550.0	-3.5	-21.1	19.3	8.4	-2.3	-7.9	319.9	324.2	1.3	24.0	3.7	216.
17.6	53.0	5517.0	525.0	-6.6	-20.6	2.9	8.0	-0.4	-8.0	320.5	325.1	1.4	31.5	4.3	214.
19.1	56.0	5897.4	500.0	-8.5	-24.1	349.6	9.1	1.5	-9.0	322.7	326.4	1.1	26.9	5.0	207.
20.6	59.3	6293.7	475.0	-11.1	-30.7	358.5	7.7	0.2	-7.7	324.3	326.4	0.6	18.0	5.6	203.
22.1	62.7	6707.3	450.0	-13.4	-34.0	369.6	9.5	1.5	-8.3	326.4	328.1	0.5	16.2	6.2	200.
23.7	65.9	7179.8	425.0	-15.5	-31.0	342.1	9.4	2.9	-8.9	327.8	330.1	0.7	27.3	7.0	196.
25.5	69.4	7592.3	400.0	-17.5	-34.4	333.5	9.3	3.7	-7.5	328.5	330.3	0.5	27.0	7.8	192.
27.4	73.0	8065.1	375.0	-20.0	-37.3	319.7	6.4	4.2	-4.8	329.0	330.5	0.4	25.6	8.4	188.
29.1	76.9	8565.0	350.0	-22.0	-37.1	317.5	7.1	4.8	-5.3	330.6	332.2	0.4	42.3	8.8	184.
31.1	80.9	9093.3	325.0	-30.3	-46.7	300.5	10.1	8.7	-5.1	334.3	335.0	0.2	19.1	9.4	179.
33.2	85.0	9656.2	300.0	-35.4	-50.5	295.6	9.5	8.6	-4.1	335.5	336.0	0.1	15.4	10.1	173.
35.3	89.3	10254.7	275.0	-39.9	99.9	299.7	11.5	10.0	-5.7	337.5	999.9	99.9	999.9	10.8	167.
37.6	94.2	10500.9	250.0	-45.0	99.9	290.5	12.0	11.2	-4.2	339.2	999.9	99.9	999.9	11.9	161.
39.9	99.0	11593.5	225.0	-49.1	99.9	282.9	14.6	14.2	-3.3	343.2	999.9	99.9	999.9	13.0	155.
42.5	104.3	12360.2	200.0	-52.4	99.9	273.0	17.7	17.7	-0.9	349.7	999.9	99.9	999.9	14.6	146.
45.4	110.2	13216.9	175.0	-58.2	99.9	277.2	16.8	16.7	-2.1	353.8	999.9	99.9	999.9	16.7	137.
48.5	115.3	14184.4	150.0	-60.2	99.9	270.0	26.9	26.9	0.0	366.5	999.9	99.9	999.9	19.7	129.
51.9	123.3	15308.3	125.0	-66.2	99.9	250.8	12.8	12.1	4.2	375.1	999.9	99.9	999.9	23.0	122.
55.4	131.0	16643.0	100.0	-69.9	99.9	99.9	99.9	99.9	99.9	392.7	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

13 JUNE 1977  
1500 GMT

124 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	771.0	527.9	27.8	20.9	200.0	1.6	0.5	1.5	307.5	353.7	17.0	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	12.5	798.8	925.0	26.9	19.7	999.9	99.9	99.9	99.9	306.9	350.1	15.9	64.5	999.9	999.9
0.7	14.8	1039.5	500.0	22.9	15.6	999.9	99.9	99.9	99.9	305.1	339.3	12.5	63.6	559.9	999.9
1.7	17.0	1284.8	875.0	21.8	13.5	999.9	99.9	99.9	99.9	306.5	337.4	11.2	59.2	999.9	999.9
2.8	19.4	1537.3	850.0	22.4	11.1	211.4	3.4	1.8	2.9	309.6	337.3	9.9	48.9	0.9	51.
3.8	21.7	1784.5	825.0	21.0	9.1	150.0	2.2	1.1	1.9	310.9	336.0	8.8	46.3	1.0	45.
4.9	24.2	2062.3	800.0	19.7	3.8	92.7	0.9	0.9	0.0	312.1	330.4	6.3	35.0	1.0	40.
5.9	26.5	2334.8	775.0	17.7	1.1	124.3	1.2	-1.0	0.7	312.9	328.7	5.4	32.7	1.0	38.
7.0	29.1	2611.9	750.0	15.8	-3.3	96.9	2.7	-2.7	0.3	313.7	325.8	4.0	26.8	1.0	30.
8.0	31.8	2900.2	725.0	13.6	-6.6	38.2	2.1	-1.3	-1.7	314.3	324.2	3.2	24.0	0.9	24.
8.9	34.6	3194.6	700.0	11.5	-9.7	28.4	3.4	-1.6	-3.0	315.3	323.4	2.6	21.4	0.7	25.
10.0	37.1	3497.0	675.0	9.2	-12.9	52.5	4.8	-3.8	-2.9	315.9	322.5	2.0	19.4	0.5	16.
11.2	39.9	3803.3	650.0	6.8	-13.7	50.6	6.0	-4.6	-3.8	316.6	323.1	2.0	21.5	0.3	32.1
12.6	42.6	4128.6	625.0	3.7	-12.7	32.2	8.6	-4.6	-7.3	316.7	324.0	2.3	28.9	0.6	25.0
13.9	45.6	4455.3	600.0	0.7	-13.2	28.0	9.6	-4.5	-8.5	316.9	324.2	2.3	34.4	1.3	22.7
15.2	48.6	4798.3	575.0	-2.4	-16.1	27.6	9.0	-4.2	-8.0	317.2	323.3	1.9	34.1	2.0	22.0
16.6	51.6	5149.2	550.0	-5.3	-24.0	29.6	7.2	-3.5	-6.2	317.8	321.2	1.0	21.2	2.7	21.7
19.1	58.8	5512.8	525.0	-7.5	-26.1	41.2	4.9	-3.2	-3.7	319.4	322.3	0.9	20.8	3.2	21.7
19.5	57.9	5891.0	500.0	-10.0	-25.9	359.7	4.8	0.0	-4.8	320.9	323.7	0.8	23.4	3.6	21.7
21.2	61.3	6288.8	475.0	-12.1	-28.5	340.1	7.4	2.5	-6.9	323.0	325.6	0.8	24.1	4.0	20.8
22.7	64.9	6696.7	450.0	-14.4	-31.7	341.8	6.3	2.0	-6.0	325.1	327.2	0.6	21.4	4.5	20.3
24.4	68.2	7127.8	425.0	-17.6	-34.2	344.8	7.7	2.0	-7.4	326.4	328.1	0.5	21.8	5.0	19.8
26.2	71.7	7578.3	400.0	-21.3	-36.3	346.3	8.3	2.0	-8.1	327.3	328.8	0.4	24.2	5.8	19.3
29.1	75.7	8050.6	375.0	-25.4	-34.9	331.7	6.9	3.3	-6.1	327.9	329.8	0.5	40.6	6.5	18.9
29.9	79.7	8547.6	350.0	-29.1	-38.4	308.4	3.8	3.0	-2.4	329.5	331.0	0.4	39.9	7.0	18.5
31.9	83.8	9078.8	325.0	-33.0	-40.8	251.7	3.1	3.0	1.0	331.3	332.5	0.3	44.9	7.0	18.3
34.0	88.0	9630.2	300.0	-37.8	-43.5	255.2	5.4	5.3	1.3	332.1	333.0	0.3	55.0	6.9	17.8
36.4	92.8	10224.1	275.0	-42.5	99.9	254.8	7.1	6.9	1.9	333.6	999.9	99.9	999.9	6.7	17.2
39.0	97.5	10850.8	250.0	-47.5	99.9	258.9	9.3	9.3	0.2	335.5	999.9	99.9	999.9	6.8	16.1
41.7	102.6	11550.0	225.0	-51.8	99.9	254.0	13.0	12.6	-3.1	339.1	999.9	99.9	999.9	7.7	14.9
44.7	108.3	12309.1	200.0	-54.8	99.9	259.5	18.6	17.6	-6.2	346.1	999.9	99.9	999.9	10.1	13.9
48.0	114.3	13156.2	175.0	-58.7	99.9	251.4	22.0	21.5	-4.4	353.0	999.9	99.9	999.9	13.5	12.9
51.7	120.8	14116.4	150.0	-61.7	99.9	274.9	18.0	18.0	-1.5	363.8	999.9	99.9	999.9	17.9	12.2
55.9	128.0	15233.7	125.0	-66.8	99.9	247.5	16.2	15.0	6.2	374.1	999.9	99.9	999.9	21.2	11.6
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

13 JUNE 1977  
1501 GMT

132 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	585.0	946.5	26.0	21.4	160.0	0.5	-0.2	0.5	303.9	350.2	17.3	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	13.1	788.2	925.0	25.0	20.8	999.9	99.9	99.9	99.9	308.9	350.6	17.0	77.8	999.9	999.9
1.5	15.3	1028.7	900.0	22.4	17.9	999.9	99.9	99.9	99.9	308.6	343.8	14.5	75.7	999.9	999.9
2.4	17.5	1274.7	875.0	23.4	14.6	999.9	99.9	99.9	99.9	308.1	341.5	12.1	58.0	999.9	999.9
3.6	19.9	1528.0	850.0	22.4	12.7	999.9	99.9	99.9	99.9	309.6	340.2	10.9	54.0	999.9	999.9
4.7	22.1	1797.5	825.0	20.7	11.4	17.2	2.3	-0.7	-2.2	310.5	339.6	10.4	55.3	0.7	113.
6.0	24.6	2057.2	800.0	18.8	9.9	43.5	4.5	-3.1	-3.3	311.2	338.6	9.7	56.3	0.6	134.
7.1	26.9	2324.9	775.0	16.0	7.7	53.6	6.0	-4.8	-3.6	311.1	335.5	8.6	57.8	0.7	165.
8.4	29.4	2603.3	750.0	15.2	0.0	66.6	8.3	-7.7	-3.3	313.1	328.3	5.1	56.4	1.0	197.
9.6	32.0	2890.3	725.0	13.3	-8.1	63.6	9.5	-8.5	-4.2	314.1	322.9	2.9	21.6	1.5	218.
10.8	34.7	3183.7	700.0	12.0	-16.6	56.9	9.6	-8.1	-5.3	315.8	320.6	1.5	11.8	2.2	224.
12.2	37.2	3496.5	675.0	9.7	-19.6	52.2	11.5	-9.1	-7.0	316.5	320.4	1.2	10.7	3.0	227.
13.7	40.1	3709.4	650.0	7.6	-21.8	47.6	10.5	-7.8	-7.1	317.6	321.1	1.1	10.5	4.0	228.
15.1	42.9	4119.3	625.0	4.5	-23.6	43.3	10.0	-6.9	-7.3	317.6	320.6	0.9	10.8	4.9	227.
16.5	45.7	4449.5	600.0	1.5	-25.1	30.6	9.5	-4.8	-8.1	317.8	320.6	0.8	11.7	5.7	226.
18.0	48.8	4790.4	575.0	-1.0	-26.8	25.6	11.6	-5.0	-10.4	318.9	321.4	0.7	11.9	6.6	223.
19.6	51.6	5143.3	550.0	-3.4	-30.0	26.6	12.2	-5.4	-10.9	320.0	322.0	0.6	10.6	7.7	221.
21.2	54.8	5409.6	525.0	-5.0	-30.9	39.1	9.4	-5.9	-7.3	322.5	324.4	0.5	10.9	8.8	220.
22.9	57.9	5691.9	500.0	-6.6	-31.7	19.1	6.3	-2.1	-5.9	325.1	326.9	0.5	11.4	9.6	219.
24.7	61.3	6289.8	475.0	-10.3	-33.4	4.8	8.0	-0.7	-7.9	325.2	326.9	0.5	13.0	10.2	217.
26.5	64.7	6707.4	450.0	-13.1	-35.0	3.9	8.5	-0.6	-8.5	326.8	328.3	0.4	13.8	11.0	215.
28.2	68.2	7137.3	425.0	-15.6	-36.5	346.1	7.4	1.8	-7.2	329.0	330.1	0.3	11.4	11.6	212.
30.2	71.8	7591.1	400.0	-18.5	-41.4	339.0	8.1	2.9	-7.6	329.7	330.6	0.2	12.2	12.2	209.
32.2	75.9	8066.5	375.0	-21.5	-43.4	342.8	6.6	2.0	-6.3	330.3	331.1	0.2	14.2	12.9	206.
34.2	79.8	8567.1	350.0	-27.0	-45.7	305.5	2.5	2.0	-1.5	332.2	332.8	0.2	15.1	13.2	204.
36.5	84.0	9097.2	325.0	-30.7	-48.0	246.1	5.4	4.9	2.2	334.1	335.2	0.3	32.4	13.0	202.
38.7	89.4	9640.7	300.0	-35.0	-47.5	257.4	7.2	7.0	1.6	336.0	336.7	0.2	26.6	12.5	199.
41.1	93.2	10260.9	275.0	-40.5	-49.9	254.9	9.6	8.3	2.2	336.6	999.9	99.9	995.9	11.8	195.
43.5	98.0	10903.6	250.0	-45.1	-49.9	277.2	14.1	14.0	-1.8	339.0	999.9	99.9	995.9	11.6	188.
46.3	103.4	11603.7	225.0	-48.1	-49.9	283.9	13.7	13.3	-3.3	344.9	999.9	99.9	999.9	12.0	176.
49.1	109.3	12374.6	200.0	-52.4	-49.9	276.7	15.0	14.9	-1.8	349.8	999.9	99.9	999.9	12.7	166.
52.3	115.4	13227.2	175.0	-57.6	-49.9	278.3	15.7	15.5	-2.3	354.9	999.9	99.9	995.9	14.2	155.
55.7	122.3	14196.8	150.0	-60.9	-49.9	269.1	24.7	24.7	0.4	365.1	999.9	99.9	995.9	16.5	141.
59.5	130.3	15311.8	125.0	-68.4	-49.9	244.0	12.7	11.4	5.6	371.1	999.9	99.9	995.9	19.0	132.
64.1	139.7	16643.3	100.0	-70.5	-49.9	101.2	4.9	-4.8	0.9	391.5	999.9	99.9	999.9	20.5	128.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

13 JUNE 1977  
1500 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	781.0	924.9	26.7	19.8	240.0	5.2	4.5	2.6	306.6	350.0	16.0	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	14.3	1020.6	900.0	22.9	15.7	999.9	99.9	99.9	99.9	305.0	339.4	12.6	64.3	999.9	999.
1.3	15.3	1257.2	875.0	24.3	13.4	999.9	99.9	99.9	99.9	309.0	340.1	11.2	50.7	999.9	999.
2.3	18.6	1520.7	850.0	22.9	10.5	149.9	3.2	-1.6	2.7	310.1	336.8	9.5	45.5	0.8	53.
3.2	20.8	1780.4	825.0	21.7	6.7	103.1	2.9	-2.8	0.6	311.5	333.1	7.5	37.9	0.8	39.
4.1	23.1	2046.6	800.0	20.3	0.8	87.0	3.5	-3.5	-0.2	312.8	327.8	5.1	27.0	0.7	29.
5.1	25.4	2319.7	775.0	19.0	-2.4	82.0	4.3	-4.2	-0.6	314.2	326.7	4.2	23.4	0.6	9.
6.1	27.8	2599.6	750.0	16.4	-6.0	81.5	5.4	-5.3	-0.8	314.4	324.4	3.3	20.9	0.6	34.0.
7.0	30.3	2996.7	725.0	14.1	-8.6	59.2	7.0	-6.0	-3.6	314.9	323.4	2.7	19.8	0.7	31.0.
8.1	32.9	3181.4	700.0	12.3	-12.7	41.9	8.9	-5.9	-6.6	316.1	322.6	2.1	16.1	0.9	27.5.
9.2	35.4	3484.9	675.0	10.1	-15.9	39.5	8.8	-5.6	-6.8	317.0	322.3	1.6	14.3	1.3	25.2.
10.2	37.9	3796.7	650.0	7.8	-17.6	33.5	8.6	-4.7	-7.2	317.8	322.5	1.5	14.5	1.8	24.3.
11.3	40.5	4118.3	625.0	4.9	-16.4	20.2	9.9	-3.4	-9.3	318.0	322.3	1.3	15.2	2.3	23.5.
12.5	43.3	4449.3	600.0	2.4	-18.7	19.8	9.7	-3.3	-9.1	318.9	323.6	1.5	19.3	2.9	22.6.
13.6	46.2	4791.3	575.0	-0.4	-23.3	25.1	9.6	-4.1	-8.7	319.6	322.9	1.0	15.6	3.5	22.2.
14.9	49.1	5144.9	550.0	-3.1	-25.9	36.4	7.6	-4.5	-6.1	320.5	323.3	0.8	15.1	4.3	22.0.
16.4	52.0	5511.6	525.0	-5.0	-29.8	30.9	5.3	-2.7	-4.6	322.4	324.8	0.7	13.3	4.7	22.0.
17.7	55.1	5892.5	500.0	-8.2	-29.0	359.6	7.5	0.2	-7.5	323.0	325.4	0.7	16.8	5.2	21.7.
19.0	58.3	6299.7	475.0	-10.9	-30.6	349.9	9.2	1.6	-5.0	324.5	326.6	0.6	17.9	5.6	21.3.
20.4	61.6	6703.1	450.0	-12.2	-33.2	1.0	12.4	-0.2	-12.4	327.9	329.8	0.5	15.3	6.3	20.8.
22.0	65.0	7137.1	425.0	-15.4	-34.9	350.0	7.7	1.3	-7.6	329.3	330.9	0.5	16.8	7.1	20.4.
23.6	68.4	7591.7	400.0	-19.4	-37.6	356.8	9.2	0.5	-9.2	329.8	331.1	0.4	18.0	7.9	20.1.
25.2	72.0	8067.6	375.0	-23.1	-37.0	320.9	4.5	2.9	-3.5	331.1	332.6	0.4	26.3	8.6	19.8.
26.9	75.9	8569.1	350.0	-26.9	-37.8	326.5	5.5	3.0	-4.6	332.5	334.1	0.4	34.6	8.8	19.7.
28.9	79.9	9099.5	325.0	-30.6	-41.7	254.2	7.3	7.0	2.0	334.5	335.6	0.3	32.6	8.8	19.1.
30.6	83.8	9664.0	300.0	-34.7	-47.0	312.4	7.0	5.2	-4.7	336.5	337.2	0.2	27.1	8.7	18.8.
32.8	89.2	10265.7	275.0	-39.3	99.9	299.4	11.4	9.9	-5.6	339.3	999.9	99.9	999.9	9.3	18.1.
35.0	93.0	10912.4	250.0	-43.5	99.9	289.0	11.3	10.7	-3.5	341.4	999.9	99.9	999.9	10.1	17.1.
37.4	98.0	11612.8	225.0	-48.7	99.9	289.8	14.0	13.3	-4.5	343.9	999.9	99.9	999.9	11.0	16.4.
40.0	103.3	12392.1	200.0	-51.9	99.9	275.0	21.5	21.5	-1.9	350.5	999.9	99.9	999.9	12.5	15.3.
42.8	109.3	13237.9	175.0	-56.8	99.9	282.2	29.7	29.0	-6.3	356.1	999.9	99.9	999.9	15.7	14.2.
46.0	115.6	14211.6	150.0	-59.3	99.9	295.7	19.9	19.2	-5.4	369.7	999.9	99.9	999.9	19.1	13.2.
49.4	123.0	15339.8	125.0	-65.7	99.9	245.8	16.3	14.9	6.7	376.0	999.9	99.9	999.9	21.6	12.6.
53.9	131.0	16591.0	100.0	-67.8	99.9	999.9	99.9	99.9	99.9	396.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

13 JUNE 1977  
1745 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	873.0	915.0	34.4	12.1	170.0	3.2	-0.6	3.2	315.5	343.6	9.8	26.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	14.3	1022.4	900.0	32.1	14.7	157.1	4.4	-1.7	4.0	314.6	348.1	11.8	34.9	0.2	1.
0.9	16.1	1274.7	875.0	28.6	12.9	158.7	3.6	-1.3	3.3	313.5	344.2	10.8	38.0	0.3	353.
1.6	18.3	1531.8	850.0	26.6	12.1	171.4	3.4	-0.5	3.4	314.0	344.1	10.5	40.7	0.4	350.
2.2	20.4	1794.5	825.0	24.2	11.1	164.1	3.2	-0.9	3.0	314.2	343.1	10.1	43.7	0.5	351.
2.9	22.5	2062.7	800.0	21.5	9.1	161.1	3.7	-1.2	3.5	314.1	340.4	9.1	45.0	0.7	348.
3.5	24.8	2337.0	775.0	18.8	7.1	155.1	3.2	-1.3	2.9	314.1	337.8	8.2	46.5	0.8	347.
4.6	26.9	2617.2	750.0	15.8	5.2	101.1	4.4	-4.3	0.8	313.7	335.3	7.4	49.4	1.0	339.
5.6	29.3	2904.1	725.0	13.8	-9.0	76.5	5.7	-5.5	-1.3	314.6	322.8	2.7	19.5	1.1	322.
6.5	31.8	3199.0	700.0	12.7	-9.7	55.8	6.8	-5.6	-3.8	316.5	324.6	2.6	15.9	1.3	305.
7.6	34.3	3502.8	675.0	10.1	-2.7	23.7	7.3	-2.9	-6.7	316.9	331.0	4.7	40.6	1.4	288.
8.5	36.6	3815.6	650.0	7.8	-3.6	9.3	7.9	-1.3	-7.8	317.8	331.6	4.5	44.3	1.4	271.
9.5	39.1	4137.7	625.0	4.8	-6.3	14.1	8.8	-2.1	-9.5	318.0	329.7	3.8	44.5	1.5	253.
10.5	41.6	4469.4	600.0	2.6	-15.1	24.2	9.9	-4.0	-9.0	319.1	325.4	2.0	25.6	1.9	239.
11.7	44.3	4811.3	575.0	-0.9	-19.8	30.9	9.0	-4.7	-7.8	319.0	323.5	1.4	22.2	2.6	231.
12.9	47.1	5164.6	550.0	-2.7	-28.8	18.6	6.6	-2.1	-6.3	320.8	323.1	0.6	11.4	3.1	228.
14.0	50.0	5530.9	525.0	-6.3	-27.1	4.2	6.6	-0.5	-6.6	320.9	323.5	0.8	17.3	3.5	223.
15.3	52.9	5912.0	500.0	-7.2	-30.2	350.6	7.3	1.2	-7.2	324.3	326.4	0.6	13.8	3.8	217.
16.5	55.8	6310.8	475.0	-8.8	-34.3	352.9	8.7	1.1	-8.6	327.1	328.7	0.4	10.5	4.2	212.
19.0	59.0	6725.7	450.0	-10.1	-35.4	352.2	10.0	1.4	-9.9	328.0	329.5	0.4	12.2	4.9	206.
19.5	62.3	7160.9	425.0	-11.0	-35.9	356.8	9.0	0.5	-8.9	328.4	329.9	0.4	16.2	5.7	201.
21.0	65.6	7614.1	400.0	-12.0	-34.9	359.4	8.6	0.1	-8.6	329.0	330.7	0.5	25.1	6.5	198.
22.7	69.1	8088.9	375.0	-12.0	-33.9	344.0	5.8	1.6	-5.6	330.1	332.1	0.6	38.6	7.1	196.
24.3	72.7	8589.4	350.0	-12.0	-40.5	311.1	8.3	6.3	-5.5	331.8	333.0	0.3	27.4	7.5	192.
26.3	76.7	9119.8	325.0	-13.0	-47.6	307.6	9.5	7.6	-5.8	334.0	334.6	0.2	17.4	8.1	185.
28.3	80.7	9687.4	300.0	-13.8	-51.0	306.9	10.1	8.1	-6.1	336.4	336.8	0.1	17.1	8.7	179.
30.2	85.0	10287.8	275.0	-13.2	-54.7	297.1	10.5	9.3	-4.8	338.4	338.8	0.1	17.2	9.4	173.
32.3	89.4	10970.2	250.0	-14.0	-99.9	297.0	11.0	9.8	-5.0	340.7	999.9	99.9	999.9	10.3	166.
34.6	94.5	11630.7	225.0	-14.1	-99.9	286.2	13.6	13.0	-3.8	344.8	999.9	99.9	999.9	11.3	159.
37.3	99.9	12401.2	200.0	-15.8	-99.9	287.7	15.9	15.1	-4.8	350.8	999.9	99.9	999.9	12.8	151.
40.1	105.5	13256.3	175.0	-17.7	-99.9	277.2	18.6	18.5	-2.3	354.8	999.9	99.9	999.9	15.0	142.
43.3	111.8	14220.7	150.0	-18.0	-99.9	278.1	20.3	20.1	-2.8	365.0	999.9	99.9	999.9	18.0	134.
46.9	118.8	15342.4	125.0	-18.2	-99.9	250.5	14.0	13.2	4.7	375.2	999.9	99.9	999.9	21.3	127.
51.2	127.0	16681.4	100.0	-19.8	-99.9	999.9	99.9	99.9	99.9	393.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

13 JUNE 1977  
1800 GM"

128 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	771.0	927.7	34.3	16.2	130.0	1.1	-0.8	0.7	314.1	349.8	12.6	34.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	13.0	797.3	925.0	31.2	13.6	999.9	99.9	99.9	99.9	311.2	341.3	10.7	34.2	999.9	999.
1.4	15.4	1042.4	900.0	29.4	13.1	999.9	99.9	99.9	99.9	311.8	341.8	10.6	36.9	999.9	999.
2.3	17.7	1292.4	875.0	26.5	11.9	111.5	3.9	-3.6	1.4	311.3	339.8	10.1	40.4	0.3	316.
3.5	20.2	1546.9	850.0	23.5	9.5	114.0	4.4	-4.1	1.8	310.7	335.8	8.8	41.1	0.6	301.
4.8	22.6	1806.6	825.0	20.9	8.7	109.7	5.0	-4.8	1.7	310.7	335.1	8.6	45.3	1.0	300.
6.1	25.2	2072.5	800.0	20.8	-0.6	121.1	4.2	-3.6	2.1	313.3	327.0	4.6	23.7	1.3	297.
7.3	27.7	2345.6	775.0	18.6	-3.6	111.9	3.0	-2.8	1.1	313.8	325.2	3.8	21.8	1.6	298.
8.4	30.3	2625.3	750.0	16.1	-5.6	76.8	1.9	-1.9	-0.4	314.1	324.3	3.4	22.0	1.8	296.
9.4	33.1	2912.2	725.0	13.9	-7.5	37.0	2.5	-1.5	-2.0	314.7	323.9	3.0	21.9	1.8	293.
10.7	35.7	3206.9	700.0	12.1	-10.5	30.2	4.0	-2.0	-3.5	315.9	323.6	2.5	19.5	1.9	285.
11.8	39.5	3510.0	675.0	10.0	-13.4	15.6	5.0	-1.4	-4.8	316.8	323.2	2.0	17.8	2.0	277.
13.1	41.2	3821.8	650.0	7.3	-14.9	9.3	5.2	-0.8	-5.1	317.2	323.0	1.8	18.8	2.0	264.
14.3	44.1	4142.2	625.0	3.8	-17.7	27.1	4.8	-2.2	-4.2	316.8	321.7	1.5	19.0	2.2	256.
15.7	47.3	4472.2	600.0	1.2	-17.2	43.0	4.9	-3.4	-3.6	317.5	322.8	1.6	23.8	2.5	250.
16.9	50.2	4812.8	575.0	-1.9	-17.5	44.1	6.1	-4.2	-4.4	317.7	323.1	1.7	29.3	2.9	247.
18.3	53.3	5164.6	550.0	-5.1	-15.1	33.4	6.0	-3.3	-5.0	318.1	324.9	2.1	45.1	3.4	243.
19.6	56.3	5528.5	525.0	-7.4	-2.7	346.3	3.4	0.8	-3.3	319.5	323.1	1.1	25.8	3.6	239.
21.0	59.7	5906.4	500.0	-10.0	-26.6	333.9	6.0	2.6	-5.4	320.8	323.8	0.9	24.3	3.6	234.
22.5	63.1	6300.6	475.0	-11.4	-28.7	350.3	7.0	1.2	-6.9	323.8	326.4	0.7	22.3	3.9	224.
23.9	66.5	6712.8	450.0	-14.4	-30.5	343.0	8.0	2.3	-7.7	325.2	327.5	0.7	24.0	4.2	218.
25.6	70.1	7143.9	425.0	-17.4	-33.6	346.9	9.1	2.1	-8.9	326.7	328.6	0.5	22.6	4.8	209.
27.2	73.8	7594.4	400.0	-21.3	-35.5	331.0	5.9	2.9	-5.2	327.3	328.9	0.5	26.5	5.4	204.
28.9	77.0	8056.9	375.0	-25.3	-38.9	298.8	6.1	5.3	-2.9	328.1	329.4	0.3	26.6	5.7	198.
30.6	81.9	8565.0	350.0	-29.3	-36.7	287.1	5.8	5.5	-1.7	330.7	332.3	0.5	44.0	5.7	192.
32.5	85.9	9091.2	325.0	-32.9	-41.3	295.6	8.0	7.2	-3.5	331.3	332.5	0.3	42.4	5.8	185.
34.5	90.4	9649.5	300.0	-37.5	-49.1	293.7	7.9	7.7	-1.9	332.5	333.0	0.1	28.3	6.2	176.
36.7	95.2	10244.7	275.0	-41.4	99.9	281.4	8.6	8.4	-1.7	335.3	999.9	99.9	999.9	6.6	166.
39.1	100.2	10885.1	250.0	-46.3	99.9	286.0	10.8	10.4	-3.0	337.3	999.9	99.9	999.9	7.4	157.
41.5	105.4	11579.2	225.0	-50.4	99.9	285.7	11.4	11.0	-3.1	341.2	999.9	99.9	999.9	8.5	149.
44.0	111.0	12340.3	200.0	-54.5	99.9	273.4	16.1	16.1	-0.9	346.5	999.9	99.9	999.9	9.9	139.
47.0	117.0	13199.7	175.0	-58.1	99.9	279.0	17.5	17.3	-2.4	354.1	999.9	99.9	999.9	12.4	129.
50.3	123.8	14150.0	150.0	-61.9	99.9	282.0	16.6	16.3	-3.5	363.4	999.9	99.9	999.9	15.3	124.
54.1	130.8	15272.2	125.0	-64.8	99.9	262.0	11.0	10.9	1.5	377.8	999.9	99.9	999.9	18.2	117.
58.6	138.3	16621.2	100.0	-70.1	99.9	999.9	99.9	99.9	99.9	392.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

13 JUNE 1977  
1802 GMT

125 04. 0

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	585.0	945.5	33.1	21.6	360.0	0.5	0.0	-0.5	311.2	359.5	17.5	51.0	0.0	0.
0.9	90.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	11.6	782.8	525.0	30.6	17.2	999.9	99.9	99.9	99.9	310.6	348.3	13.5	44.7	999.9	99.9
2.2	13.6	1027.2	900.0	28.0	14.1	999.9	99.9	99.9	99.9	310.3	342.1	11.4	42.8	999.9	99.9
3.4	15.6	1276.4	875.0	25.5	12.0	50.7	5.6	-4.3	-3.6	310.3	338.9	10.2	43.0	0.7	227.
4.5	17.7	1530.3	850.0	22.7	12.5	39.5	5.4	-3.4	-4.2	309.9	340.3	10.8	52.6	1.1	226.
5.8	19.9	1789.5	825.0	20.3	11.9	35.8	4.7	-2.8	-3.8	310.0	340.1	10.7	58.6	1.5	223.
6.7	21.9	2054.9	800.0	18.2	10.6	49.8	6.2	-4.7	-4.0	310.5	339.1	10.1	61.5	1.8	223.
7.7	24.2	2326.4	775.0	16.1	7.6	63.6	5.8	-5.2	-2.6	311.1	335.9	8.7	58.2	2.2	225.
8.8	26.3	2604.7	750.0	15.3	-6.6	72.5	5.2	-4.9	-1.6	313.2	322.7	3.1	21.6	2.5	229.
10.0	28.7	2890.8	725.0	13.4	-9.5	78.1	4.7	-4.6	-1.0	314.2	322.1	2.6	15.4	2.8	232.
11.2	31.2	3184.1	700.0	10.3	-10.8	72.2	4.6	-4.4	-1.4	313.9	321.4	2.4	21.4	3.1	235.
12.6	33.7	3495.6	675.0	9.1	-21.2	50.6	7.2	-5.5	-4.5	315.9	319.3	1.0	9.7	3.6	235.
14.0	36.1	3796.9	650.0	7.4	-25.1	40.6	10.0	-6.5	-7.6	317.3	319.8	0.8	7.7	4.3	234.
15.3	38.7	4117.9	625.0	4.7	-26.0	43.1	10.9	-7.4	-7.9	317.8	320.3	0.7	8.5	5.1	231.
16.7	41.1	4448.4	600.0	1.8	-29.2	46.4	10.8	-7.9	-7.5	318.3	320.2	0.6	7.8	6.0	231.
18.1	43.9	4789.2	575.0	-1.5	-29.4	40.8	9.0	-5.9	-6.8	316.3	320.3	0.6	9.7	6.9	230.
19.7	46.8	5141.3	550.0	-4.3	-32.4	19.0	8.5	-2.8	-8.1	319.0	320.6	0.5	9.0	7.6	228.
21.2	49.8	5507.1	525.0	-5.1	-32.2	11.3	5.5	-1.1	-5.4	323.3	324.0	0.5	9.7	8.2	226.
22.6	52.4	5888.9	500.0	-7.6	-35.5	343.9	6.6	1.8	-6.4	323.8	325.1	0.4	8.6	8.5	223.
24.3	55.5	6289.1	475.0	-10.1	-35.4	8.9	6.9	-1.1	-6.8	325.5	326.9	0.4	10.4	8.9	219.
26.0	58.6	6700.0	450.0	13.3	-37.9	18.6	6.7	-2.3	-6.4	325.5	327.7	0.3	10.5	9.6	218.
27.9	62.0	7132.3	425.0	6.3	-41.5	0.8	7.8	-0.1	-7.8	328.1	328.9	0.2	9.2	10.3	216.
29.8	65.4	7585.0	400.0	6	-42.1	345.4	6.5	1.7	-6.3	329.5	330.3	0.2	11.6	11.0	213.
31.8	69.0	8061.3	375.0	-2	-46.5	308.8	3.0	2.4	-1.9	330.4	331.0	0.2	10.0	11.3	211.
33.8	72.6	8553.1	350.0	-2	-42.3	308.2	4.6	3.6	-2.8	332.4	333.4	0.3	21.7	11.3	208.
35.9	76.5	9092.9	325.0	-31.1	-46.9	287.8	3.7	3.5	-1.1	333.8	334.5	0.2	19.3	11.3	205.
39.1	80.6	9654.8	300.0	-36.0	-51.7	304.6	6.8	5.6	-3.9	334.6	335.1	0.1	18.8	11.3	202.
40.4	84.8	10253.8	275.0	-39.7	99.9	302.1	9.1	7.7	-4.8	337.8	999.9	99.9	99.9	11.6	197.
43.0	89.2	10898.9	250.0	-44.1	99.9	283.9	9.7	9.5	-2.3	340.5	999.9	99.9	99.9	11.9	190.
45.8	94.4	11598.7	225.0	-48.4	99.9	271.2	12.6	12.6	-0.3	344.3	999.9	99.9	99.9	12.0	181.
48.9	99.6	12348.8	200.0	-52.0	99.9	270.6	15.3	15.3	-0.2	350.4	999.9	99.9	99.9	12.3	169.
52.3	105.5	13221.6	175.0	-58.3	99.9	280.6	13.1	12.8	-2.4	353.6	999.9	99.9	99.9	13.5	156.
56.0	112.0	14181.5	150.0	-60.8	99.9	276.8	20.1	20.0	-2.4	365.4	999.9	99.9	99.9	15.3	145.
59.8	119.3	15295.9	125.0	-69.0	99.9	243.2	14.7	13.1	6.6	370.0	999.9	99.9	99.9	17.7	135.
64.4	127.7	16626.6	100.0	-70.9	99.9	199.3	5.2	1.7	4.9	390.8	999.9	99.9	99.9	18.7	129.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

13 JUNE 1977  
1800 GMT

131 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	FH PCT	RANGE KM	AZ DG
0.0	12.5	781.0	924.7	32.2	13.9	120.0	0.5	-0.4	0.2	312.3	343.0	10.9	33.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
1.1	14.8	1022.9	900.0	29.1	99.9	999.9	99.9	99.9	99.9	311.5	999.9	99.9	99.9	999.9	999.
1.7	16.9	1271.3	875.0	26.8*	99.9	999.9	99.9	99.9	99.9	311.6	999.9	99.9	99.9	999.9	999.
2.3	19.3	1526.3	850.0	24.3	11.4	125.3	3.3	-2.7	1.9	311.7	340.1	10.1	44.3	0.4	323.
3.1	21.5	1786.8	825.0	21.8	10.3	113.9	3.0	-2.8	1.2	311.6	338.8	9.6	47.9	0.6	316.
4.1	24.1	2052.8	800.0	19.2	8.7	98.4	3.5	-3.5	0.5	311.6	336.9	8.9	50.5	0.7	309.
4.8	26.4	2325.1	775.0	16.9	7.7	90.9	4.6	-4.6	0.1	312.0	336.4	8.5	54.6	0.9	303.
5.6	29.1	2603.6	750.0	15.2	-3.5	72.5	4.7	-4.5	-1.4	313.1	325.0	3.9	27.2	1.1	294.
6.5	31.8	2889.6	725.0	13.0	-5.1	58.1	4.3	-3.6	-2.3	313.7	324.6	3.6	28.0	1.2	286.
7.5	34.6	3182.9	700.0	10.5	-7.5	42.8	5.6	-3.8	-4.1	314.1	323.6	3.1	27.4	1.4	277.
8.5	37.2	3485.0	675.0	9.4	-11.3	50.3	7.7	-5.9	-4.9	316.2	323.7	2.4	21.8	1.6	266.
9.5	40.2	3795.9	650.0	7.5	-13.2	52.2	8.4	-6.6	-5.2	317.4	324.2	2.1	21.4	2.1	258.
11.0	43.0	4118.0	625.0	4.9	-15.0	46.5	8.5	-6.1	-5.8	318.0	324.1	1.9	22.0	2.7	251.
12.3	46.1	4449.7	600.0	1.7	-17.8	44.6	9.1	-6.4	-6.5	318.1	323.2	1.6	21.8	3.5	246.
13.7	49.4	4789.7	575.0	-1.4	-20.2	40.7	9.7	-6.3	-7.4	318.3	322.7	1.3	22.3	4.1	242.
15.0	52.4	5141.8	550.0	-4.2	-21.7	27.7	9.2	-4.3	-8.2	319.1	323.2	1.2	24.0	4.9	238.
16.5	55.8	5507.1	525.0	-6.4	-24.7	3.1	5.6	-0.3	-5.6	320.7	324.0	1.0	21.7	5.3	233.
17.8	59.2	5886.8	500.0	-8.9	-25.3	343.0	11.4	3.3	-10.9	322.2	325.5	1.0	24.9	5.6	229.
19.4	63.0	6282.4	475.0	-10.9	-27.4	343.3	10.3	3.0	-9.9	324.5	327.4	0.8	24.1	6.2	215.
21.0	66.7	6696.5	450.0	-13.3	-29.8	54.5	5.0	-4.1	-2.9	326.5	329.0	0.7	23.3	6.7	217.
22.7	70.6	7129.4	425.0	-16.4	-32.1	351.5	6.3	0.9	-6.3	328.0	330.1	0.6	24.1	7.2	215.
24.5	74.7	7582.1	400.0	-20.2	-34.0	339.7	8.0	2.9	-7.5	328.8	330.7	0.5	27.6	7.7	209.
26.2	79.0	8054.7	375.0	-23.9	-34.8	326.6	8.9	4.9	-7.4	330.0	331.9	0.5	35.7	8.3	204.
28.0	83.4	8557.5	350.0	-27.2	-38.2	313.5	7.0	5.1	-4.8	332.1	333.6	0.4	33.9	8.7	199.
29.9	87.8	9087.0	325.0	-31.0	-43.6	314.1	8.5	6.1	-5.9	333.9	334.8	0.2	27.7	9.1	194.
32.1	93.0	9649.5	300.0	-35.6	-47.7	273.7	7.0	7.0	-0.5	335.2	335.9	0.2	27.3	9.4	188.
34.2	98.0	10250.2	275.0	-39.9	-51.4	319.8	11.2	7.3	-8.6	337.5	338.0	0.1	27.5	10.1	182.
36.4	103.3	10895.2	250.0	-44.5	99.9	290.5	11.8	11.1	-4.2	339.9	999.9	99.9	999.9	10.7	175.
38.8	109.3	11594.4	225.0	-48.6	99.9	288.3	16.6	15.8	-5.2	344.0	999.9	99.9	999.9	11.5	168.
41.2	115.0	12344.7	200.0	-51.6	99.9	272.9	16.9	16.8	-0.9	351.0	999.9	99.9	999.9	13.1	156.
43.9	121.5	13221.0	175.0	-56.8	99.9	287.2	22.9	21.9	-6.8	356.2	999.9	99.9	999.9	14.6	146.
47.0	129.3	14189.7	150.0	-59.4	99.9	275.8	20.6	20.5	-2.1	367.7	999.9	99.9	999.9	17.6	139.
50.3	135.5	15318.6	125.0	-64.6	99.9	246.0	16.6	15.2	6.8	378.1	999.9	99.9	999.9	19.6	129.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

13 JUNE 1977  
2045 GMT

120 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	877.0	914.0	37.8	7.7	80.0	6.0	-5.9	-1.0	319.1	340.5	7.2	16.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	14.0	1012.4	900.0	33.0	8.1	45.5	4.5	-3.2	-3.2	315.5	337.6	7.6	21.5	0.2	248.
1.3	15.7	1244.9	875.0	30.5	6.5	63.0	5.9	-5.3	-2.7	315.6	336.1	7.0	22.1	0.5	241.
2.1	16.2	1522.0	830.0	28.4	5.7	67.3	5.0	-5.5	-2.3	315.9	335.8	6.8	23.7	0.7	244.
2.4	20.4	1796.0	825.0	26.2	5.0	87.6	6.5	-6.5	-0.3	316.3	336.0	6.7	25.7	1.0	247.
4.0	22.5	2054.1	800.0	22.9	3.9	93.7	5.2	-5.2	0.3	315.6	334.3	6.4	29.0	1.4	255.
5.0	24.9	2331.1	775.0	20.3	3.7	105.8	5.7	-5.5	1.5	315.7	334.7	6.5	33.3	1.7	259.
5.9	27.1	2612.2	750.0	15.7	2.6	115.1	4.3	-4.4	2.0	314.8	332.9	6.2	38.7	2.0	263.
7.0	29.5	2899.5	725.0	11.2	-0.6	119.9	3.7	-3.2	1.9	315.0	330.1	5.1	36.2	2.2	268.
9.3	32.0	3194.7	700.0	12.2	-5.1	95.6	3.2	-3.2	0.3	315.0	327.4	3.7	29.4	2.4	271.
9.8	34.6	3499.0	675.0	10.0	-5.2	49.8	4.2	-3.3	-2.8	316.9	322.4	1.7	15.2	2.7	268.
11.0	37.0	3790.7	650.0	7.8	-5.1	75.5	5.7	-3.3	-4.7	317.9	330.1	4.0	35.6	3.0	263.
12.2	39.7	4132.0	625.0	4.5	-5.3	25.0	6.0	-2.9	-5.3	317.6	329.8	4.0	47.1	3.3	257.
13.4	42.2	4457.8	600.0	1.9	-16.1	30.0	6.4	-3.2	-5.6	318.2	324.1	1.8	25.0	3.6	252.
14.5	45.0	4807.9	575.0	-1.3	-21.5	38.3	6.7	-4.1	-5.2	318.4	322.3	1.2	19.7	4.0	248.
15.8	47.9	5154.6	550.0	-4.5	-22.0	31.1	5.9	-3.5	-5.9	318.9	322.7	1.2	23.8	4.4	244.
17.0	50.7	5521.2	525.0	-6.1	-24.8	9.6	7.9	-1.3	-7.8	321.1	323.9	0.8	17.5	4.8	240.
18.4	53.4	5902.4	500.0	-6.8	-31.5	345.1	9.0	2.3	-8.7	324.8	326.7	0.5	11.9	5.2	233.
19.8	56.4	6301.0	475.0	-9.2	-35.7	351.7	9.3	1.3	-9.2	326.6	326.0	0.4	5.4	5.5	226.
21.3	60.0	6715.1	450.0	-12.0	-32.1	343.3	9.4	2.7	-9.0	327.0	329.0	0.6	18.2	6.0	219.
22.9	63.4	7149.7	425.0	-16.9	-32.7	341.5	8.6	2.7	-8.1	327.4	329.4	0.6	23.7	6.5	212.
24.5	66.7	7600.5	400.0	-20.9	-35.7	335.4	8.2	3.4	-7.4	328.0	329.6	0.4	24.7	7.0	207.
26.2	70.4	8077.9	375.0	-24.9	-38.3	316.2	7.6	5.3	-5.5	328.7	330.0	0.4	27.3	7.4	202.
28.1	74.1	8573.0	350.0	-27.4	-46.3	320.8	9.9	6.3	-7.7	331.8	332.5	0.2	14.5	7.9	195.
30.0	78.2	9102.5	325.0	-31.0	-48.4	308.6	10.1	7.9	-6.3	334.0	334.5	0.1	16.1	8.7	189.
31.7	82.2	9655.3	300.0	-35.2	-52.3	297.1	9.8	8.7	-4.5	335.8	336.2	0.1	15.3	9.0	182.
33.7	86.4	10265.6	275.0	-39.9	99.9	306.4	9.2	7.5	-5.2	337.5	999.9	99.9	999.9	9.5	177.
35.7	91.2	10910.0	250.0	-44.9	99.9	299.0	12.1	10.6	-5.9	339.3	999.9	99.9	999.9	10.4	171.
39.2	96.2	11609.9	225.0	-47.5	99.9	284.3	15.9	15.4	-3.9	345.7	999.9	99.9	999.9	11.5	162.
40.5	101.5	12390.6	200.0	-52.0	99.9	264.4	18.3	17.7	-4.5	350.5	999.9	99.9	999.9	12.9	153.
43.2	107.5	13237.9	175.0	-57.4	99.9	287.6	18.2	17.7	-4.3	355.2	999.9	99.9	999.9	15.2	144.
46.4	114.0	14197.5	150.0	-61.1	99.9	280.6	16.9	16.5	-3.1	364.9	999.9	99.9	999.9	17.5	137.
49.8	121.0	15300.1	125.0	-65.0	99.9	255.3	10.9	10.6	2.6	377.3	999.9	99.9	999.9	19.8	131.
54.0	129.7	16661.5	100.0	-70.3	99.9	99.9	99.9	99.9	99.9	392.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

13 JUNE 1977  
2100 GMT

126 103. 0

TIME MIN	CNTCT	HFLGHT FT	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED K/SEC	U COMP K/SEC	V COMP K/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.9	771.0	925.5	35.5	15.1	150.0	3.7	-1.8	3.2	316.5	352.4	12.6	30.0	0.0	0.
99.9	99.9	99.9	1000.0	55.9	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.0	13.1	785.7	925.0	36.2*	95.9	99.9	99.9	99.9	99.9	316.3	999.9	99.9	999.9	999.9	999.
1.0	15.5	1033.2	900.0	31.4	12.9	99.9	99.9	99.9	99.9	313.9	343.8	10.5	32.4	999.9	999.
2.5	17.7	1245.0	875.0	29.3	11.8	121.2	5.7	-5.8	3.5	314.2	342.8	10.0	34.0	0.9	311.
3.8	20.2	1542.4	850.0	27.0	10.8	111.0	5.5	-5.2	2.0	314.4	342.1	9.7	36.4	1.4	306.
5.0	22.6	1805.2	825.0	24.5	9.5	104.3	4.5	-4.4	1.1	314.5	340.7	9.1	38.7	1.7	302.
5.9	25.1	2077.8	800.0	22.1	8.6	111.8	4.5	-4.2	1.7	314.7	340.2	8.8	41.9	2.0	300.
6.7	27.5	2348.6	775.0	19.3	7.6	117.7	5.0	-4.5	2.0	314.6	339.2	8.5	46.7	2.2	299.
7.9	30.2	2629.4	750.0	16.7	6.5	102.5	5.9	-5.7	1.4	314.3	337.8	8.2	52.3	2.6	298.
8.9	32.9	2916.8	725.0	13.8	5.0	99.6	5.0	-4.9	0.7	314.6	336.7	7.6	55.3	2.9	296.
9.9	35.4	3211.5	700.0	10.7	2.9	67.3	3.6	-3.3	-1.3	314.4	334.1	6.8	58.2	3.1	294.
11.2	39.3	3514.4	675.0	10.2	-9.5	24.0	4.7	-1.9	-4.3	317.1	325.7	2.8	24.0	3.2	289.
12.3	41.0	3824.3	650.0	7.7	-18.5	357.9	5.0	0.2	-5.0	317.7	322.1	1.4	13.5	3.2	282.
13.4	43.9	4147.4	625.0	4.9	-20.0	345.3	3.2	0.5	-3.1	318.1	322.2	1.2	14.4	3.1	277.
14.5	47.0	4478.3	600.0	1.8	-17.7	17.6	1.6	-1.0	-1.3	318.3	323.4	1.6	21.8	3.1	275.
15.7	50.0	4819.5	575.0	-1.4	-17.0	3.3	2.4	-0.1	-2.4	318.3	323.9	1.7	29.1	3.2	273.
17.1	53.0	5171.7	550.0	-4.7	-14.4	334.1	4.1	1.7	-3.7	318.5	325.7	2.3	46.2	3.1	268.
18.8	56.0	5534.3	525.0	-7.6	-11.9	112.6	5.5	3.7	-4.2	320.4	323.4	0.9	19.8	2.8	261.
20.7	59.4	5917.1	500.0	-10.1	-9.6	326.5	7.6	4.2	-5.4	323.8	326.1	0.6	15.0	2.5	244.
22.0	62.6	6314.3	475.0	-10.1	-31.7	331.1	8.0	3.9	-7.0	325.5	327.5	0.6	15.1	2.6	230.
23.3	66.0	6728.6	450.0	-13.2	-35.3	327.4	9.2	4.4	-5.9	326.7	328.2	0.4	13.5	2.8	217.
24.9	69.7	7160.5	425.0	-17.7	-36.6	327.4	7.6	3.8	-6.5	326.9	328.2	0.4	16.6	3.1	204.
26.6	73.3	7611.5	400.0	-20.9	-35.5	293.5	5.7	6.1	-2.7	327.9	329.5	0.5	25.6	3.4	194.
28.4	77.2	8085.8	375.0	-24.2	-39.7	294.4	9.3	7.3	-4.0	329.5	330.8	0.4	24.7	3.7	180.
30.5	81.0	8594.9	350.0	-27.4	-45.2	303.8	9.0	7.5	-5.0	331.8	332.5	0.2	16.3	4.3	168.
32.3	85.3	9113.5	325.0	-32.0	-49.5	309.0	7.9	6.1	-4.9	332.6	333.1	0.1	15.6	5.0	161.
34.2	89.6	9674.4	300.0	-35.9	-52.1	302.3	8.6	7.3	-4.6	334.8	335.2	0.1	16.9	5.8	155.
36.3	94.4	10277.5	275.0	-40.5	99.9	300.7	9.8	8.4	-5.0	336.6	999.9	99.9	999.9	6.8	150.
39.0	99.2	10917.2	250.0	-43.9	99.9	305.5	7.6	6.5	-3.8	340.8	999.9	99.9	999.9	8.1	146.
41.5	104.5	11615.6	225.0	-48.5	99.9	292.6	10.9	10.1	-4.2	344.2	999.9	99.9	999.9	9.3	141.
44.2	110.2	12385.3	200.0	-52.5	99.9	295.0	15.9	14.3	-7.0	349.5	999.9	99.9	999.9	11.1	135.
47.2	116.0	13238.7	175.0	-56.7	99.9	292.5	13.9	12.8	-5.3	356.4	999.9	99.9	999.9	13.7	131.
50.8	123.0	14201.2	150.0	-62.2	99.9	308.1	5.8	4.6	-3.6	361.1	999.9	99.9	999.9	15.9	131.
54.6	130.3	15317.8	125.0	-66.5	99.9	252.3	13.3	13.2	1.8	374.6	999.9	99.9	999.9	17.9	127.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

13 JUNE 1977  
2100 GMT

125 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	595.0	945.1	36.3	22.1	100.0	2.6	-2.6	0.5	314.5	364.9	18.0	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.9	12.5	779.8	925.0	32.9	10.9	999.9	99.9	99.9	99.9	312.9	338.4	8.9	26.0	999.9	999.
2.0	15.0	1025.5	900.0	29.7	10.6	999.9	99.9	99.9	99.9	312.1	337.7	9.0	30.7	999.9	999.
3.4	17.1	1276.1	875.0	27.5	11.0	57.7	4.5	-4.1	-1.7	312.4	339.4	9.5	35.6	1.2	257.
4.9	19.5	1571.7	850.0	24.9	10.8	64.2	5.3	-2.5	-2.5	312.2	339.5	9.6	41.2	1.6	253.
6.3	21.7	1793.0	825.0	22.8	11.4	53.3	5.1	-4.1	-3.0	312.7	342.1	10.3	48.4	2.1	251.
7.9	24.2	2040.2	800.0	20.1	10.2	44.5	5.9	-4.1	-4.2	312.6	340.6	9.9	52.9	2.5	247.
9.0	26.5	2377.4	775.0	17.5	9.2	44.2	5.0	-3.7	-3.3	312.7	339.7	9.5	57.9	2.9	244.
10.0	29.1	2612.8	750.0	15.0	8.2	55.5	4.8	-4.0	-2.7	312.9	339.3	9.3	64.4	3.2	243.
11.0	31.7	2899.3	725.0	12.4	6.6	57.3	5.2	-4.4	-2.8	313.1	337.5	8.5	67.7	3.5	242.
12.1	34.3	3192.8	700.0	10.0	4.4	50.4	6.2	-4.8	-4.0	313.6	335.4	7.5	68.1	3.8	242.
13.3	36.9	3494.7	675.0	8.2	-1.9	39.5	8.7	-5.3	-6.4	314.9	329.6	4.9	48.8	4.3	240.
14.8	39.7	3795.6	650.0	6.7	-24.1	30.6	8.9	-4.5	-7.7	316.5	318.9	0.7	7.6	5.1	236.
16.1	42.3	4125.7	625.0	4.6	-30.4	27.2	8.5	-3.8	-7.4	317.7	319.4	0.5	5.7	5.7	233.
17.4	45.1	4456.6	600.0	1.7	-31.7	21.1	7.6	-2.8	-7.2	318.1	319.6	0.4	6.2	6.2	230.
19.5	48.1	4797.3	575.0	-1.3	-33.3	12.2	8.6	-1.8	-8.4	318.4	319.8	0.4	6.6	6.7	228.
19.7	51.0	5149.4	550.0	-3.4	-37.5	6.6	9.2	-1.1	-9.2	320.0	321.0	0.3	5.0	7.2	224.
21.0	54.1	5515.6	525.0	-5.5	-39.6	353.1	9.3	1.2	-9.7	321.8	322.6	0.2	4.7	7.8	221.
22.5	57.1	5907.7	500.0	-7.5	-40.1	150.9	7.5	1.3	-7.2	325.1	326.0	0.2	4.8	8.3	216.
23.3	60.5	6299.6	475.0	-9.1	-40.3	349.2	7.3	1.4	-7.1	326.1	326.9	0.2	5.8	8.9	213.
25.0	64.0	6711.1	450.0	-12.7	-41.7	354.2	6.3	0.6	-5.3	327.3	328.1	0.2	6.7	9.4	205.
27.5	67.7	7145.0	425.0	-15.6	-42.4	341.7	4.9	1.5	-4.7	328.9	329.7	0.2	7.9	9.8	208.
29.3	70.9	7599.8	400.0	-19.5	-40.4	305.3	5.2	4.2	-3.0	329.6	330.7	0.3	13.7	10.1	205.
30.8	74.4	8075.1	375.0	-23.2	-40.8	311.4	6.6	5.0	-4.4	330.9	331.9	0.3	18.0	10.2	202.
32.7	78.2	8576.6	350.0	-27.0	-43.2	325.0	6.8	3.9	-5.6	332.4	333.3	0.2	19.7	10.5	199.
34.6	82.2	9107.0	325.0	-30.5	-51.7	316.3	6.6	4.6	-4.8	334.7	335.0	0.1	10.4	11.0	195.
36.7	86.3	9671.1	300.0	-34.3	-54.8	317.3	7.6	5.2	-5.6	337.0	337.3	0.1	10.3	11.4	191.
39.0	91.0	10273.3	275.0	-39.0	-57.5	295.4	7.2	6.4	-3.2	338.7	339.0	0.1	11.9	11.9	187.
41.5	95.7	10921.3	250.0	-43.1	99.9	292.1	9.0	8.3	-3.4	342.0	999.9	99.9	999.9	12.2	182.
43.9	100.6	11625.6	225.0	-46.7	99.9	291.1	12.5	11.7	-4.5	346.9	999.9	99.9	999.9	12.9	176.
46.8	106.0	12397.6	200.0	-51.8	99.9	284.8	14.5	14.0	-3.7	350.7	999.9	99.9	999.9	13.9	166.
50.2	114.0	13251.1	175.0	-58.4	99.9	287.6	14.0	13.3	-4.2	353.6	999.9	99.9	999.9	15.6	157.
53.5	123.3	14211.4	150.0	-61.8	99.9	292.2	15.0	13.9	-5.7	363.7	999.9	99.9	999.9	17.6	150.
57.8	128.5	15229.6	125.0	-66.7	99.9	260.9	13.6	13.4	2.2	374.2	999.9	99.9	999.9	19.8	143.
62.5	137.7	16367.9	100.0	-72.4	99.9	999.9	99.9	99.9	99.9	387.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

13 JUNE 1977  
2100 GMT

127 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GV/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	751.0	924.0	35.1	7.2	90.0	0.5	-0.5	0.0	316.3	336.7	6.9	17.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.3	1017.8	900.0	31.7	15.5	999.9	99.9	99.9	99.9	314.2	349.4	12.4	37.6	999.9	999.
0.9	13.4	1269.7	875.0	28.5	13.0	999.9	99.9	99.9	99.9	313.4	344.2	10.8	38.4	999.9	999.
1.4	15.8	1526.5	850.0	25.5	11.7	999.9	99.9	99.9	99.9	314.1	343.4	10.3	39.5	999.9	999.
2.1	18.1	1788.9	825.0	23.8	9.7	118.0	7.2	-6.3	3.4	313.7	340.1	9.2	40.8	0.8	294.
2.7	20.6	2056.7	800.0	21.3	7.8	118.2	7.2	-6.4	3.4	313.9	338.0	8.4	41.8	1.0	295.
3.5	23.0	2370.7	775.0	18.1	6.4	118.3	8.8	-7.7	4.2	313.3	335.9	7.8	46.4	1.4	296.
4.2	25.7	2610.5	750.0	15.8	5.0	120.9	6.3	-5.4	3.2	313.7	335.0	7.3	48.6	1.7	297.
5.5	28.7	2897.2	725.0	12.8	4.5	121.0	4.7	-3.5	2.2	313.5	334.7	7.3	57.3	2.0	296.
7.2	31.1	3190.9	700.0	10.7	3.2	121.9	7.0	-5.9	3.7	314.3	333.2	6.5	55.9	2.6	302.
8.7	33.6	3493.8	675.0	9.2	-2.5	25.3	6.3	-6.3	-0.5	315.9	320.1	4.7	43.5	3.1	295.
9.3	36.5	3805.8	650.0	7.5	-9.8	53.0	7.4	-5.9	-4.5	317.5	326.2	2.8	27.9	3.3	253.
10.3	39.4	4127.1	625.0	4.5	-12.8	40.1	7.2	-4.6	-5.5	317.7	325.0	2.3	27.0	3.5	285.
11.6	42.5	4457.2	600.0	1.0	-14.5	31.6	7.5	-3.9	-6.4	317.3	323.8	2.1	30.3	3.7	279.
12.9	45.7	4797.4	575.0	-2.4	-14.1	16.4	11.3	-3.2	-10.9	317.2	324.2	2.2	39.9	4.0	266.
14.0	48.8	5149.2	550.0	-3.9	-20.5	11.9	7.1	-1.5	-7.0	319.4	323.9	1.4	26.2	4.2	260.
15.3	52.1	5514.6	525.0	-5.4	-21.9	345.8	10.1	2.5	-9.8	320.7	324.9	1.3	27.8	4.4	251.
16.7	55.6	5894.9	500.0	-7.9	-23.8	340.6	10.2	3.4	-9.6	323.5	327.2	1.1	26.5	4.4	239.
18.2	59.2	6291.4	475.0	-10.8	-25.0	349.7	10.4	1.9	-10.2	324.6	327.9	1.0	27.4	4.8	229.
19.7	62.4	6705.6	450.0	-12.2	-28.2	343.1	10.9	3.2	-10.4	325.7	329.5	0.8	26.9	5.3	220.
21.3	66.4	7122.1	425.0	-15.8	-30.6	335.2	7.2	2.9	-5.6	327.4	329.8	0.7	28.9	5.8	212.
22.9	70.5	7590.2	400.0	-20.5	-31.8	319.1	8.1	5.3	-5.1	328.4	330.7	0.7	35.4	6.1	206.
24.6	74.8	8064.3	375.0	-24.4	-35.1	322.8	8.7	5.3	-6.9	329.3	331.1	0.5	36.3	6.5	199.
26.2	79.0	8563.5	350.0	-27.1	-39.8	322.7	10.1	6.1	-9.1	332.2	333.5	0.3	28.7	7.0	193.
28.1	83.4	9093.1	325.0	-30.9	-43.9	317.1	10.0	6.8	-7.3	334.0	334.9	0.2	26.5	7.8	187.
30.1	88.2	9555.6	300.0	-35.5	-47.6	305.9	8.6	6.9	-5.0	335.3	336.0	0.2	27.3	8.4	181.
32.0	93.0	10255.7	275.0	-39.8	-51.1	295.2	10.1	9.2	-4.3	337.6	338.1	0.1	28.6	9.1	174.
34.1	98.2	10902.2	250.0	-44.0	99.9	301.7	11.9	10.1	-6.2	340.7	999.9	99.9	999.9	10.1	167.
36.3	103.8	11604.2	225.0	-47.1	99.9	281.3	15.0	14.7	-2.9	346.3	999.9	99.9	999.9	10.8	160.
38.5	109.5	12376.8	200.0	-51.3	99.9	294.5	19.9	18.1	-3.2	351.5	999.9	99.9	999.9	12.3	152.
41.3	115.8	13223.2	175.0	-57.0	99.9	285.8	9.5	9.2	-2.6	355.8	999.9	99.9	999.9	14.2	145.
44.1	122.3	14197.2	150.0	-61.4	99.9	254.8	16.0	14.5	-6.7	364.2	999.9	99.9	999.9	16.0	142.
47.3	129.0	15217.8	125.0	-66.0	99.9	267.8	13.8	13.8	0.5	375.5	999.9	99.9	999.9	18.6	135.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

13 JUNE 1977  
2350 GMT

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TIME MIN	CNTC	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	977.0	912.6	35.6	5.0	60.0	5.9	-3.9	0.0	315.9	334.8	6.0	15.0	0.0	0.
99.9	99.9	99.9	1000.0	59.0	95.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	599.
99.9	99.9	99.9	999.9	60.0	95.0	60.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	599.
99.9	99.9	99.9	999.9	60.0	95.0	60.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	599.
99.9	99.9	99.9	999.9	60.0	95.0	60.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	599.
0.4	13.9	977.0	912.6	35.6	5.0	60.0	5.9	-3.9	0.0	315.9	334.8	6.0	15.0	0.0	0.
1.4	14.9	977.0	912.6	35.6	5.0	60.0	5.9	-3.9	0.0	315.9	334.8	6.0	15.0	0.0	0.
2.1	15.2	1515.4	850.0	27.8	6.2	97.2	5.7	-5.6	0.7	315.3	335.9	7.0	25.3	0.7	276.
2.7	15.7	1773.8	825.0	25.6	4.5	119.6	3.6	-2.2	1.8	315.7	334.6	6.4	25.6	0.9	278.
3.7	16.7	2033.7	800.0	23.5	3.9	131.3	2.5	-2.1	1.9	316.2	335.0	6.4	27.9	1.0	282.
4.0	16.9	2293.6	775.0	21.4	3.1	143.0	1.3	-2.0	1.5	316.3	331.0	6.3	31.4	1.1	284.
4.7	17.2	2553.5	750.0	19.3	2.2	154.7	0.2	-2.7	1.8	316.5	333.3	5.6	31.3	1.2	286.
5.5	17.6	2813.4	725.0	17.2	1.3	166.4	0.9	-2.4	1.6	317.0	332.7	5.2	33.1	1.4	289.
6.3	17.9	3073.3	700.0	15.1	0.4	178.1	2.3	-2.0	1.1	317.0	329.6	4.1	30.5	1.5	289.
6.9	18.1	3333.2	675.0	13.0	-0.5	189.8	1.6	-2.6	-0.0	316.1	327.6	3.8	34.9	1.6	290.
7.0	18.1	3593.1	650.0	10.9	-1.4	201.5	2.7	-0.7	-2.2	316.1	327.2	3.6	35.6	1.6	287.
8.0	18.3	3853.0	625.0	8.7	-2.3	213.2	2.8	0.2	-2.9	317.4	327.4	1.6	18.7	1.6	280.
10.2	18.2	4112.9	600.0	6.6	-3.2	224.9	2.6	-0.6	-2.4	317.4	321.4	1.2	18.0	1.5	274.
11.2	18.1	4372.8	575.0	4.5	-4.1	236.6	2.4	-1.7	-3.6	318.1	323.6	1.7	25.1	1.7	266.
12.0	18.0	4632.7	550.0	2.4	-5.0	248.3	2.2	-2.9	-7.4	319.7	323.8	1.3	22.9	1.8	252.
12.9	17.9	4892.6	525.0	0.3	-5.9	259.9	1.9	-4.2	-8.0	322.2	328.3	0.9	18.7	2.1	228.
13.9	17.8	5152.5	500.0	-1.8	-6.8	271.6	1.6	-5.5	-7.7	325.9	328.8	0.9	17.5	2.6	217.
14.4	17.7	5412.4	475.0	-3.7	-7.7	283.2	1.3	-6.8	-8.0	329.7	328.5	0.8	21.2	3.1	206.
15.9	17.6	5672.3	450.0	-5.6	-8.6	294.9	1.0	-8.1	-9.0	325.7	328.5	0.7	22.7	3.6	197.
17.4	17.5	5932.2	425.0	-7.5	-9.5	306.5	0.7	-9.4	-7.5	326.4	328.8	0.7	22.7	4.3	187.
18.9	17.4	6192.1	400.0	-9.4	-10.4	318.1	0.4	-10.7	-7.5	326.6	328.5	0.5	23.5	4.9	176.
20.5	17.3	6452.0	375.0	-11.3	-11.3	329.8	0.1	-12.0	-5.9	320.1	331.1	0.3	18.1	5.6	171.
22.0	17.2	6711.9	350.0	-13.2	-12.2	341.4	0.0	-13.3	-5.9	320.1	332.2	0.2	19.8	6.4	160.
23.5	17.1	6971.8	325.0	-15.1	-13.1	353.0	0.0	-14.6	-7.8	333.2	333.9	0.2	19.7	7.4	160.
25.0	17.0	7231.7	300.0	-17.0	-14.0	364.6	0.0	-15.9	-6.9	335.1	335.6	0.1	19.1	8.8	156.
26.5	16.9	7491.6	275.0	-18.9	-14.9	376.2	0.0	-17.2	-6.9	337.4	339.9	0.0	19.9	10.0	154.
28.0	16.8	7751.5	250.0	-20.8	-15.8	387.8	0.0	-18.5	-6.1	342.5	339.9	0.0	19.9	11.4	150.
29.5	16.7	8011.4	225.0	-22.7	-16.7	399.4	0.0	-20.0	-6.1	342.5	339.9	0.0	19.9	12.8	147.
31.0	16.6	8271.3	200.0	-24.6	-17.6	411.0	0.0	-21.5	-5.4	346.2	339.9	0.0	19.9	14.9	143.
32.5	16.5	8531.2	175.0	-26.5	-18.5	422.6	0.0	-23.0	-4.6	349.2	339.9	0.0	19.9	17.2	141.
34.0	16.4	8791.1	150.0	-28.4	-19.4	434.2	0.0	-24.5	-3.8	353.9	339.9	0.0	19.9	19.4	138.
35.5	16.3	9051.0	125.0	-30.3	-20.3	445.8	0.0	-26.0	-3.0	358.0	339.9	0.0	19.9	21.5	135.
37.0	16.2	9310.9	100.0	-32.2	-21.2	457.4	0.0	-27.5	-2.2	362.1	339.9	0.0	19.9	23.6	132.
38.5	16.1	9570.8	75.0	-34.1	-22.1	469.0	0.0	-29.0	-1.4	366.2	339.9	0.0	19.9	25.7	129.
40.0	16.0	9830.7	50.0	-36.0	-23.0	480.6	0.0	-30.5	-0.6	370.3	339.9	0.0	19.9	27.8	126.
41.5	15.9	10090.6	25.0	-37.9	-23.9	492.2	0.0	-32.0	0.2	374.4	339.9	0.0	19.9	29.9	123.
43.0	15.8	10350.5	0.0	-39.8	-24.8	503.8	0.0	-33.5	1.0	378.5	339.9	0.0	19.9	32.0	120.
44.5	15.7	10610.4	0.0	-41.7	-25.7	515.4	0.0	-35.0	1.8	382.6	339.9	0.0	19.9	34.1	117.
46.0	15.6	10870.3	0.0	-43.6	-26.6	527.0	0.0	-36.5	2.6	386.7	339.9	0.0	19.9	36.2	114.
47.5	15.5	11130.2	0.0	-45.5	-27.5	538.6	0.0	-38.0	3.4	390.8	339.9	0.0	19.9	38.3	111.
49.0	15.4	11390.1	0.0	-47.4	-28.4	550.2	0.0	-39.5	4.2	394.9	339.9	0.0	19.9	40.4	108.
50.5	15.3	11650.0	0.0	-49.3	-29.3	561.8	0.0	-41.0	5.0	399.0	339.9	0.0	19.9	42.5	105.
52.0	15.2	11910.0	0.0	-51.2	-30.2	573.4	0.0	-42.5	5.8	403.1	339.9	0.0	19.9	44.6	102.
53.5	15.1	12170.0	0.0	-53.1	-31.1	585.0	0.0	-44.0	6.6	407.2	339.9	0.0	19.9	46.7	99.
55.0	15.0	12430.0	0.0	-55.0	-32.0	596.6	0.0	-45.5	7.4	411.3	339.9	0.0	19.9	48.8	96.
56.5	14.9	12690.0	0.0	-56.9	-32.9	608.2	0.0	-47.0	8.2	415.4	339.9	0.0	19.9	50.9	93.
58.0	14.8	12950.0	0.0	-58.8	-33.8	619.8	0.0	-48.5	9.0	419.5	339.9	0.0	19.9	53.0	90.
59.5	14.7	13210.0	0.0	-60.7	-34.7	631.4	0.0	-50.0	9.8	423.6	339.9	0.0	19.9	55.1	87.
61.0	14.6	13470.0	0.0	-62.6	-35.6	643.0	0.0	-51.5	10.6	427.7	339.9	0.0	19.9	57.2	84.
62.5	14.5	13730.0	0.0	-64.5	-36.5	654.6	0.0	-53.0	11.4	431.8	339.9	0.0	19.9	59.3	81.
64.0	14.4	13990.0	0.0	-66.4	-37.4	666.2	0.0	-54.5	12.2	435.9	339.9	0.0	19.9	61.4	78.
65.5	14.3	14250.0	0.0	-68.3	-38.3	677.8	0.0	-56.0	13.0	440.0	339.9	0.0	19.9	63.5	75.
67.0	14.2	14510.0	0.0	-70.2	-39.2	689.4	0.0	-57.5	13.8	444.1	339.9	0.0	19.9	65.6	72.
68.5	14.1	14770.0	0.0	-72.1	-40.1	701.0	0.0	-59.0	14.6	448.2	339.9	0.0	19.9	67.7	69.
70.0	14.0	15030.0	0.0	-74.0	-41.0	712.6	0.0	-60.5	15.4	452.3	339.9	0.0	19.9	69.8	66.
71.5	13.9	15290.0	0.0	-75.9	-41.9	724.2	0.0	-62.0	16.2	456.4	339.9	0.0	19.9	71.9	63.
73.0	13.8	15550.0	0.0	-77.8	-42.8	735.8	0.0	-63.5	17.0	460.5	339.9	0.0	19.9	74.0	60.
74.5	13.7	15810.0	0.0	-79.7	-43.7	747.4	0.0	-65.0	17.8	464.6	339.9	0.0	19.9	76.1	57.
76.0	13.6	16070.0	0.0	-81.6	-44.6	759.0	0.0	-66.5	18.6	468.7	339.9	0.0	19.9	78.2	54.
77.5	13.5	16330.0	0.0	-83.5	-45.5	770.6	0.0	-68.0	19.4	472.8	339.9	0.0	19.9	80.3	51.
79.0	13.4	16590.0	0.0	-85.4	-46.4	782.2	0.0	-69.5	20.2	476.9	339.9	0.0	19.9	82.4	48.
80.5	13.3	16850.0	0.0	-87.3	-47.3	793.8	0.0	-71.0	21.0	481.0	339.9	0.0	19.9	84.5	45.
82.0	13.2	17110.0	0.0	-89.2	-48.2	805.4	0.0	-72.5	21.8	485.1	339.9	0.0	19.9	86.6	42.
83.5	13.1	17370.0	0.0	-91.1	-49.1	817.0	0.0	-74.0	22.6	489.2	339.9	0.0	19.9	88.7	39.
85.0	13.0	17630.0	0.0	-93.0	-50.0	828.6	0.0	-75.5	23.4	493.3	339.9	0.0	19.9	90.8	36.
86.5	12.9	17890.0	0.0	-94.9	-50.9	840.2	0.0	-77.0	24.2	497.4	339.9	0.0	19.9	92.9	33.
88.0	12.8	18150.0	0.0	-96.8	-51.8	851.8	0.0	-78.5	25.0	501.5	339.9	0.0	19.9	95.0	30.
89.5	12.7	18410.0	0.0	-98.7	-52.7	863.4	0.0	-80.0	25.8	505.6	339.9	0.0	19.9	97.1	27.
91.0	12.6	18670.0	0.0	-100.6	-53.6	875.0	0.0	-81.5	26.6	509.7	339.9	0.0	19.9	99.2	24.
92.5	12.5	18930.0	0.0	-102.5	-54.5	886.6	0.0	-83.0	27.4	513.8	339.9	0.0	19.9	101.3	21.
94.0	12.4	19190.0	0.0	-104.4	-55.4	898.2	0.0	-84.5	28.2	517.9	339.9	0.0	19.9	103.4	18.
95.5	12.3	19450.0	0.0	-106.3	-56.3	909.8	0.0	-86.0	29.0	522.0	339.9	0.0	19.9	105.5	15.
97.0	12.2	19710.0	0.0	-108.2	-57.2	921.4	0.0	-87.5	29.8	526.1	339.9	0.0	19.9	107.6	12.
98.5	12.1	19970.0	0.0	-110.1	-58.1	933.0	0.0	-89.0	30.6	530.2	339.9	0.0	19.9	109.7	9.
100.0	12.0	20230.0	0.0	-112.0	-59.0	944.6	0.0	-90.5	31.4	534.3	339.9	0.0	19.9	111.8	6.



STATION NO. 330  
 POST. TEXAS

14 JUNE 1977  
 0 GMT

120 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	771.0	925.5	35.3	23.4	130.0	3.4	-2.6	2.2	315.4	372.1	20.3	51.0	0.0	0.
99.9	99.9	99.9	1000.0	44.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.0	12.5	775.9	925.0	35.3	22.4	999.9	99.9	99.9	99.9	315.4	369.2	15.2	48.5	999.9	999.
0.9	14.7	1024.2	907.0	32.8	5.6	999.9	99.9	99.9	99.9	315.3	339.7	8.4	24.1	999.9	999.
1.6	16.9	1274.8	875.0	30.0	9.3	999.9	99.9	99.9	99.9	314.9	339.3	8.4	27.6	999.9	999.
2.4	19.1	1523.9	850.0	27.5	8.4	113.3	5.4	-4.7	2.5	314.9	338.6	6.2	30.0	1.0	320.
3.3	21.2	1794.5	825.0	24.7	6.9	122.2	6.3	-5.4	3.4	314.7	336.8	7.6	32.0	1.2	315.
4.2	23.6	2047.3	800.0	22.4	6.7	124.4	6.1	-5.0	3.4	315.0	327.5	7.7	36.1	1.6	313.
5.3	25.8	2340.0	775.0	19.4	5.9	111.8	7.2	-6.7	2.7	314.7	336.5	7.5	40.8	2.0	309.
6.4	29.3	2620.2	750.0	16.4	5.0	110.5	7.1	-6.7	2.5	314.4	335.7	7.3	46.6	2.4	306.
7.3	30.9	2902.2	725.0	13.9	4.1	120.7	5.6	-5.7	3.4	314.7	335.5	7.1	51.8	2.8	304.
9.5	33.4	3207.0	700.0	10.7	2.2	125.9	6.1	-4.7	3.9	314.4	332.2	6.4	55.4	3.3	304.
9.6	35.5	3505.1	675.0	6.3	0.6	135.4	4.0	-2.8	2.9	314.9	332.5	6.0	58.4	3.7	306.
10.7	39.4	3814.7	650.0	5.2	-1.4	15.1	0.9	-0.1	-0.6	314.9	330.7	5.3	62.2	3.8	306.
11.7	41.0	4134.7	625.0	2.1	-4.0	333.6	3.8	1.7	-3.4	314.9	328.6	4.6	63.7	3.6	305.
12.6	43.9	4444.6	600.0	1.5	-15.5	322.5	4.7	2.2	-4.2	317.9	324.0	1.9	27.1	3.4	303.
13.9	46.8	4805.7	575.0	-1.7	-15.6	323.5	5.9	3.1	-5.0	318.0	324.3	2.0	33.8	3.1	299.
15.3	49.7	5157.5	550.0	-4.4	-19.5	329.7	7.9	4.0	-5.8	319.8	323.6	1.5	29.6	2.6	293.
16.8	52.5	5522.4	525.0	-7.0	-16.6	332.5	11.0	5.1	-9.7	320.1	324.4	2.0	45.8	2.0	278.
16.7	55.5	5902.2	500.0	-7.9	-23.5	325.2	11.3	6.5	-9.3	323.4	327.3	1.2	28.2	1.6	247.
19.6	58.6	6299.0	475.0	-10.0	-30.3	317.3	10.0	6.8	-7.4	325.5	327.8	0.6	17.1	1.5	216.
21.7	62.0	6717.0	450.0	-13.7	-34.2	322.8	11.1	9.3	-6.0	326.1	327.7	0.5	15.7	1.9	185.
22.8	65.3	7144.5	425.0	-17.4	-35.5	293.5	10.5	9.6	-4.2	326.7	329.1	0.4	17.0	2.6	163.
24.5	68.8	7596.4	400.0	-19.7	-39.9	299.3	9.5	8.3	-4.7	329.4	330.5	0.3	14.5	3.3	148.
26.4	72.3	8071.7	375.0	-23.8	-42.5	309.8	10.3	7.9	-6.5	330.1	331.0	0.2	15.9	4.3	143.
29.1	75.3	8572.2	350.0	-27.3	-44.9	316.9	10.0	6.9	-7.3	332.0	332.7	0.2	16.7	5.4	141.
29.9	80.3	9107.3	325.0	-30.3	-47.6	321.8	9.5	4.0	-7.5	335.0	335.6	0.2	16.3	6.2	141.
31.8	84.5	9664.8	300.0	-35.3	-51.5	329.1	9.3	4.8	-8.0	335.6	336.1	0.1	17.1	7.3	143.
34.2	88.7	10267.0	275.0	-40.1	99.9	327.7	9.7	3.5	-8.6	337.2	999.9	99.9	999.9	8.7	145.
37.1	93.5	10912.0	250.0	-44.6	99.9	339.5	5.9	2.1	-5.5	339.8	999.9	99.9	999.9	10.0	147.
39.6	99.5	11609.2	225.0	-49.3	99.9	322.0	9.6	5.8	-7.7	343.0	999.9	99.9	999.9	11.1	147.
42.5	103.8	12377.2	200.0	-54.0	99.9	325.5	11.3	6.4	-7.3	347.2	999.9	99.9	999.9	13.0	147.
45.6	109.8	13219.6	175.0	-59.7	99.9	300.3	13.3	11.4	-6.7	351.5	999.9	99.9	999.9	15.1	145.
49.2	116.0	14171.1	150.0	-64.6	99.9	293.0	11.2	10.3	-4.4	358.8	999.9	99.9	999.9	18.0	141.
53.4	123.7	15274.2	125.0	-67.1	99.9	269.4	14.6	14.6	0.2	373.5	999.9	99.9	999.9	20.6	134.
59.2	130.8	16608.3	100.0	-70.7	99.9	999.9	99.9	99.9	99.9	391.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

14 JUNE 1977  
GMT

128 94. 0

TIME MIN	CNTC	HEIGHT GCM	PRES MM	TEMP DG C	DEW PT DG C	D13 DG	SPEED M/SEC	U CGMP M/SEC	V CGVP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	565.0	937.9	34.0	21.4	123.0	5.1	-4.4	2.5	312.3	360.3	17.3	48.0	0.0	0.
00.0	09.0	560.0	1003.0	96.0	96.0	93.0	99.9	99.9	99.9	99.9	999.9	96.9	999.9	999.9	999.9
05.0	09.0	560.0	975.0	96.9	96.9	93.0	99.9	99.9	99.9	99.9	999.9	96.9	999.9	999.9	999.9
09.0	09.0	560.0	950.0	99.9	99.9	93.0	99.9	99.9	99.9	99.9	999.9	96.9	999.9	999.9	999.9
12.5	12.5	745.3	925.0	31.1	15.7	99.9	99.9	99.9	99.9	311.1	347.5	13.1	42.1	999.9	999.9
14.5	14.5	1011.1	900.0	25.0	15.0	99.9	99.9	99.9	99.9	311.4	347.5	12.9	45.4	999.9	999.9
16.5	16.5	1241.1	875.0	26.0	14.7	117.2	3.4	-7.5	3.9	310.2	346.7	12.1	45.6	1.2	299.
19.1	19.1	1516.1	850.0	23.9	14.0	101.3	7.8	-7.7	1.5	311.0	346.5	12.0	54.4	1.7	266.
21.2	21.2	1776.5	825.0	21.4	12.5	89.9	4.8	-6.9	-0.0	311.2	343.4	11.5	58.5	2.1	292.
23.6	23.6	2042.9	800.0	19.5	11.8	79.2	3.6	-3.6	0.0	311.9	342.8	11.0	61.2	2.4	289.
25.8	25.8	2315.6	775.0	14.5	11.0	80.6	3.5	-3.4	-0.6	311.9	342.3	10.8	68.5	2.6	288.
29.3	29.3	2504.8	750.0	14.4	8.5	40.9	2.6	-1.5	-1.7	312.3	340.7	10.0	72.4	2.7	285.
32.0	32.0	2680.6	725.0	12.1	7.7	31.0	4.0	-2.2	-3.4	312.7	338.9	9.2	74.4	2.8	281.
34.7	34.7	2841.1	700.0	10.1	1.0	32.2	7.3	-3.9	-6.2	313.7	332.1	6.3	56.5	3.0	273.
37.3	37.3	2975.0	675.0	8.5	-5.9	37.6	9.2	-5.5	-7.3	315.6	326.9	3.7	35.2	3.3	263.
39.8	39.8	3167.6	650.0	7.2	-13.5	43.1	9.7	-7.2	-5.5	317.2	323.6	2.0	20.4	4.0	256.
41.0	41.0	4109.4	625.0	4.2	-15.7	50.1	9.7	-6.9	-6.2	317.3	323.0	1.8	21.7	4.6	252.
44.1	44.1	4438.3	600.0	1.1	-17.8	43.4	10.3	-6.9	-7.6	317.4	322.5	1.6	22.7	5.0	248.
47.0	47.0	4774.7	575.0	-1.5	-21.1	28.5	9.9	-3.8	-9.2	318.3	322.3	1.2	20.7	6.1	245.
50.1	50.1	5111.4	550.0	-3.4	-28.2	355.3	10.2	0.9	-10.9	320.1	322.4	0.7	12.5	6.6	237.
53.0	53.0	5207.5	525.0	-4.1	-33.2	347.7	9.2	2.0	-9.0	323.5	325.1	0.5	8.9	7.2	229.
55.7	55.7	5272.5	500.0	-7.2	-32.5	347.1	9.3	2.5	-9.6	324.3	326.0	0.5	10.9	7.5	223.
58.3	58.3	5495.1	475.0	-1.3	-34.6	345.6	10.3	2.6	-10.2	326.5	328.0	0.4	10.6	8.2	217.
61.1	61.1	5722.3	450.0	-1.7	-34.7	335.7	7.1	3.1	-6.4	327.9	329.1	0.3	10.9	8.6	213.
63.8	63.8	5952.3	425.0	-16.0	-34.0	331.2	7.2	3.5	-6.3	327.9	326.1	0.3	13.5	9.0	209.
66.8	66.8	6181.7	400.0	-15.8	-33.5	328.8	9.7	4.0	-7.7	329.2	330.9	0.5	23.2	9.5	204.
69.5	69.5	6454.8	375.0	-23.3	-30.7	345.4	7.1	2.0	-6.8	330.3	331.6	0.3	22.0	10.1	201.
72.5	72.5	6577.7	350.0	-27.2	-27.8	345.4	6.5	2.7	-5.9	332.0	332.6	0.1	12.0	10.8	198.
75.8	75.8	6687.7	325.0	-31.0	-20.6	325.2	6.9	4.1	-5.6	333.9	334.3	0.1	12.4	11.3	195.
78.5	78.5	6840.2	300.0	-35.4	-22.7	329.7	7.3	4.6	-5.7	335.5	335.9	0.1	14.9	11.9	192.
81.4	81.4	6950.3	275.0	-40.2	96.9	328.0	7.3	5.7	-4.5	337.1	999.9	99.9	999.9	12.4	188.
84.2	84.2	7088.5	250.0	-44.4	99.9	328.0	9.2	7.6	-5.1	340.1	999.9	99.9	999.9	13.0	183.
87.1	87.1	7157.7	225.0	-46.9	99.9	328.7	12.9	9.9	-7.9	343.7	999.9	99.9	999.9	14.1	176.
89.8	89.8	7247.3	200.0	-52.0	99.9	328.8	14.2	11.0	-6.9	349.9	999.9	99.9	999.9	15.7	170.
92.2	92.2	7321.2	175.0	-57.4	99.9	328.4	12.4	10.5	-6.7	350.2	999.9	99.9	999.9	17.8	164.
94.1	94.1	7417.9	150.0	-64.5	99.9	295.9	10.5	9.4	-4.7	359.0	999.9	99.9	999.9	19.8	159.
97.3	97.3	7529.3	125.0	-67.1	99.9	266.5	12.7	13.7	0.8	373.5	999.9	99.9	999.9	21.6	152.
100.0	100.0	7652.1	100.0	-71.5	99.9	99.9	99.9	99.9	99.9	389.7	999.9	99.9	999.9	599.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
RIG SPRING, TEXAS

14 JUNE 1977

0 GMT

119 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	781.0	922.8	33.9	10.5	100.0	7.9	-7.8	1.4	314.2	339.2	8.7	24.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	14.4	1005.8	900.0	32.0	10.6	999.9	99.9	99.9	99.9	314.5	340.3	9.0	26.7	999.9	999.
1.3	16.5	1259.0	875.0	29.7	9.1	999.9	99.9	99.9	99.9	314.7	338.8	8.3	27.7	999.9	999.
2.0	18.7	1516.5	850.0	27.6	8.5	120.3	7.8	-6.7	3.9	315.1	338.9	8.2	30.0	1.0	300.
2.6	20.9	1779.2	825.0	24.1	8.1	120.5	7.1	-6.1	3.6	314.0	337.9	8.3	36.2	1.3	300.
3.5	23.2	2047.3	800.0	21.9	7.1	114.6	5.7	-5.2	2.4	314.5	337.5	8.0	38.5	1.6	300.
4.5	25.5	2321.7	775.0	19.9	6.7	106.9	6.3	-6.5	2.0	314.1	337.2	8.0	45.1	1.9	298.
5.5	27.9	2602.2	750.0	16.5	5.7	99.2	5.9	-5.9	-0.1	314.6	336.8	7.7	48.5	2.3	295.
6.5	30.4	2890.0	725.0	14.1	4.1	90.2	5.2	-5.2	0.0	314.5	335.7	7.1	51.0	2.6	292.
7.4	32.0	3185.0	700.0	11.9	0.8	81.1	3.7	-3.6	-0.6	315.7	333.0	5.8	46.4	2.9	290.
8.5	35.5	3488.4	675.0	9.5	-2.0	54.0	3.5	-2.9	-2.0	316.3	331.0	4.9	44.3	3.0	287.
9.7	38.1	3800.1	650.0	7.7	-16.1	5.6	5.0	-0.5	-5.0	317.7	323.0	1.7	16.6	3.1	282.
10.9	40.7	4121.8	625.0	5.2	-17.9	11.8	6.0	-1.2	-5.0	318.4	323.3	1.5	16.8	3.0	274.
12.0	43.5	4457.3	600.0	2.5	-15.3	27.5	4.7	-2.2	-4.2	319.0	325.3	2.0	25.7	3.2	267.
13.2	46.4	4795.4	575.0	-0.5	-18.1	358.1	11.2	0.4	-11.2	319.4	324.6	1.6	25.1	3.4	264.
14.7	49.4	5149.3	550.0	-2.7	-21.5	352.9	14.3	1.8	-14.7	320.9	325.0	1.2	21.9	3.6	237.
16.0	52.3	5517.3	525.0	-3.9	-25.9	359.7	10.3	0.1	-10.8	323.8	326.8	0.9	16.0	4.2	226.
17.2	55.3	5900.7	500.0	-4.0	-28.5	354.4	11.5	1.1	-11.4	325.7	328.2	0.7	14.9	4.7	219.
18.4	58.5	6300.4	475.0	-3.8	-28.7	345.1	13.5	3.5	-13.0	327.0	329.6	0.7	18.0	5.4	211.
19.7	61.9	6715.9	450.0	-12.7	-31.8	331.5	10.2	4.8	-8.9	327.3	329.4	0.6	18.3	6.0	205.
20.9	65.3	7149.9	425.0	-16.9	-33.7	329.2	12.0	6.1	-10.3	327.4	329.2	0.5	21.5	6.4	199.
22.2	68.7	7600.8	400.0	-20.4	-35.5	329.3	13.3	7.0	-11.3	328.6	330.2	0.5	24.3	7.2	194.
23.8	72.3	8076.2	375.0	-22.7	-41.3	334.4	12.0	5.2	-10.8	331.6	332.6	0.3	16.3	8.1	187.
25.4	76.2	8579.0	350.0	-26.8	-43.9	310.4	12.3	9.4	-9.0	332.6	333.4	0.2	17.9	9.0	182.
27.3	80.3	9100.0	325.0	-30.0	-46.6	332.6	16.2	7.4	-14.4	335.4	336.0	0.2	18.0	10.3	177.
29.1	84.5	9674.3	300.0	-34.4	-50.0	316.2	10.0	6.9	-7.2	336.9	337.4	0.1	18.6	11.6	172.
31.0	88.8	10276.7	275.0	-38.9	-53.9	313.2	8.2	5.4	-6.1	338.9	339.3	0.1	18.4	12.4	171.
33.0	93.6	10922.8	250.0	-42.9	99.9	309.7	10.4	8.0	-5.6	340.9	999.9	99.9	999.9	13.2	167.
35.4	98.5	11626.2	225.0	-46.4	99.9	325.2	18.8	10.7	-15.5	347.4	999.9	99.9	999.9	15.2	165.
39.0	103.8	12400.7	200.0	-51.0	99.9	309.8	9.7	7.5	-6.2	352.0	999.9	99.9	999.9	17.2	160.
40.2	109.7	13258.3	175.0	-56.5	99.9	311.4	16.5	12.4	-10.9	356.6	999.9	99.9	999.9	18.4	159.
43.2	115.8	14223.3	150.0	-62.4	99.9	307.4	13.4	14.6	-11.2	362.6	999.9	99.9	999.9	21.9	154.
46.6	123.0	15341.7	125.0	-65.3	99.9	291.0	14.5	13.9	-5.3	376.7	999.9	99.9	999.9	24.7	151.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

14 JUNE 1977  
243 3MT

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TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO GM/KG	RH FCT	RANGE KM	AZ DG
0.0	13.7	577.0	914.0	30.0	11.5	115.0	5.1	-4.6	2.2	311.1	337.7	9.4	32.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.5	14.5	1011.1	900.0	30.1	13.7	125.6	14.2	-11.5	8.3	312.5	343.8	11.0	26.7	0.4	304.
1.4	15.5	1042.5	875.0	29.6	12.3	121.5	13.4	-11.5	7.0	313.5	343.0	10.3	36.4	1.1	304.
2.5	15.0	1019.3	850.0	26.2	10.5	119.7	13.3	-12.1	6.6	313.6	341.2	9.6	38.0	1.9	302.
3.6	21.1	1001.6	825.0	23.9	10.0	117.9	12.4	-11.0	5.8	313.8	340.8	9.4	41.4	2.8	301.
4.6	23.4	1040.0	800.0	21.5	9.7	119.7	13.5	-11.2	6.8	314.0	341.2	9.5	47.0	3.5	300.
5.6	25.0	1024.0	775.0	18.5	8.5	118.8	10.3	-9.0	5.0	314.0	340.0	9.0	51.1	4.3	300.
6.8	28.2	1004.5	750.0	15.3	6.9	115.8	8.1	-7.3	3.5	314.3	338.5	8.4	53.8	4.9	300.
7.6	30.7	1000.0	725.0	13.6	5.3	117.7	5.9	-6.1	3.2	314.3	336.8	7.7	57.2	5.4	299.
9.1	33.7	1045.7	700.0	10.9	3.2	125.0	4.3	-3.9	2.2	314.6	334.8	6.9	58.6	5.8	299.
10.3	35.4	1010.1	675.0	8.4	0.5	125.9	3.1	-2.1	2.3	315.1	332.5	5.9	57.3	6.1	300.
11.4	39.4	1000.3	650.0	6.5	-2.0	113.5	0.7	0.5	-0.5	316.3	331.6	5.1	54.8	6.2	301.
12.6	41.0	1000.8	625.0	3.7	-3.6	123.7	4.2	1.9	-3.8	316.7	330.9	4.7	58.6	6.0	300.
13.9	43.7	1000.9	600.0	0.7	-12.2	124.4	6.4	2.7	-6.1	317.0	325.4	2.7	40.3	5.7	297.
15.2	45.5	1001.9	575.0	-1.7	-15.7	141.8	8.5	2.7	-8.1	318.5	324.7	2.0	32.5	5.3	293.
16.4	49.5	1000.4	550.0	-4.0	-7.0	145.3	10.9	2.6	-10.6	319.3	331.1	3.8	74.2	4.9	287.
17.5	52.5	1011.2	525.0	-6.2	-16.5	145.7	11.0	2.9	-11.2	322.2	328.5	2.0	35.5	4.5	277.
19.0	55.6	1000.1	500.0	-8.0	-20.5	129.8	9.5	4.8	-3.2	325.7	328.0	0.7	13.5	4.2	266.
20.4	59.7	1000.3	475.0	-10.0	-31.5	118.2	8.7	5.5	-6.5	325.5	328.5	0.6	14.4	3.8	257.
21.7	63.0	1000.4	450.0	-12.0	-32.3	115.7	9.8	6.8	-7.0	327.0	329.0	0.6	17.8	3.5	247.
23.2	65.4	1041.0	425.0	-16.7	-35.0	106.3	13.7	10.7	-7.8	327.5	329.1	0.5	18.6	3.2	230.
24.7	69.0	1000.7	400.0	-19.4	-37.9	112.6	8.3	6.1	-5.6	329.8	331.1	0.4	17.4	3.1	211.
26.5	72.4	1000.8	375.0	-23.4	-41.1	125.5	10.5	6.0	-8.7	330.7	331.7	0.3	17.7	3.6	196.
28.5	76.2	1000.9	350.0	-26.8	-42.5	126.6	11.3	6.2	-9.4	332.7	333.6	0.3	20.7	4.5	183.
30.6	80.3	1000.1	325.0	-30.2	-45.3	143.4	10.5	3.1	-10.4	335.1	335.9	0.2	21.0	5.8	177.
32.7	84.3	1000.2	300.0	-34.9	-46.1	144.5	9.0	2.4	-8.7	335.2	336.8	0.1	21.6	7.0	175.
34.8	88.5	1000.0	275.0	-40.0	-49.9	139.4	9.7	3.4	-9.1	337.4	999.9	99.9	999.9	8.1	173.
37.3	93.1	1000.7	250.0	-43.4	-49.9	130.7	10.5	5.1	-9.2	341.5	999.9	99.9	999.9	9.6	170.
40.3	93.7	1000.3	225.0	-47.1	-49.9	124.0	12.2	7.1	-9.8	345.3	999.9	99.9	999.9	11.6	167.
43.2	103.5	1000.2	200.0	-50.0	-49.9	129.7	14.1	7.1	-12.2	350.5	999.9	99.9	999.9	13.6	164.
46.6	109.5	1000.9	175.0	-57.9	-49.9	120.9	12.4	7.8	-9.5	354.4	999.9	99.9	999.9	16.2	160.
49.8	115.5	1000.7	150.0	-64.2	-49.9	122.6	7.5	4.5	-5.9	359.9	999.9	99.9	999.9	17.8	152.
53.5	122.5	1000.8	125.0	-67.9	-49.9	271.9	11.6	11.6	-0.4	372.0	999.9	99.9	999.9	19.4	154.
57.7	130.0	1000.0	100.0	-71.0	-49.9	999.0	99.9	99.9	99.9	388.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

14 JUNE 1977  
100 GMT

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TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	13.6	771.0	925.0	70.0	16.4	100.0	5.3	-6.2	1.1	309.8	350.1	14.6	50.0	0.0	0.
09.9	09.9	69.0	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	09.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	09.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.1	15.1	750.0	930.0	29.5*	17.5	99.9	99.9	99.9	99.9	309.7	347.9	12.8	47.5	999.9	999.9
0.9	15.1	1033.5	900.0	25.4	15.5	99.9	99.9	99.9	99.9	310.3	346.1	12.7	46.2	999.9	999.9
1.9	14.9	1257.3	875.0	25.9	14.5	100.6	15.0	-14.7	2.8	310.7	344.2	12.0	45.5	1.5	279.
2.3	21.2	1578.3	850.0	24.1	14.1	102.1	12.6	-12.5	2.7	311.4	345.1	12.1	53.8	2.2	280.
3.6	24.0	1793.6	825.0	21.4	12.9	103.1	15.4	-13.1	3.0	311.2	343.4	11.4	58.3	2.9	281.
4.2	25.5	2044.7	800.0	18.7	11.7	105.2	12.1	-12.7	3.5	311.1	341.7	10.9	62.6	3.4	281.
4.9	29.3	2375.5	775.0	15.8	10.6	106.2	12.1	-11.5	3.8	310.9	340.2	10.4	70.9	3.9	282.
5.4	32.2	2614.7	750.0	13.2	10.4	112.1	13.5	-12.5	5.1	310.9	340.8	10.6	82.2	4.3	283.
6.0	35.1	2860.7	725.0	10.6	5.6	120.0	13.4	-11.5	6.7	311.1	340.5	10.4	92.2	4.2	284.
6.2	37.9	3103.1	700.0	9.5	7.9	129.4	12.7	-9.9	8.1	312.0	339.4	9.7	96.0	5.3	286.
7.7	40.7	3453.2	675.0	7.7	6.5	135.3	11.5	-8.1	8.2	313.8	340.3	9.2	95.6	6.0	290.
8.1	43.5	3803.5	650.0	5.1	4.6	144.0	8.3	-4.7	6.5	314.8	338.7	8.3	96.6	6.7	293.
10.2	48.9	4127.9	625.0	3.4	2.9	150.7	7.5	1.4	7.3	316.4	338.6	7.6	96.4	7.0	295.
11.1	50.1	4454.7	600.0	1.1	1.1	164.2	10.7	6.0	8.9	317.4	337.3	6.7	96.8	7.0	299.
12.2	53.7	4780.3	575.0	-1.1	-1.7	175.5	9.1	8.3	3.8	318.5	336.2	5.9	97.1	6.9	305.
14.5	56.4	5145.2	550.0	-5.1	-14.7	182.4	14.1	12.8	-5.8	318.0	335.0	2.2	46.7	5.3	312.
15.4	59.0	5511.7	525.0	-6.5	-15.7	194.5	14.0	12.0	-3.3	320.3	337.2	2.1	48.7	4.3	315.
16.9	63.5	5903.4	500.0	-8.7	-21.9	202.0	14.0	11.9	-7.4	322.4	326.8	1.3	33.7	3.2	318.
17.7	67.0	6280.0	475.0	-11.2	-26.2	203.7	11.5	9.9	-5.9	324.0	329.8	1.8	52.0	2.7	322.
18.6	70.6	6705.7	450.0	-14.2	-29.3	206.0	10.0	8.1	-5.9	325.4	327.1	0.5	17.6	2.2	327.
19.5	74.5	7131.0	425.0	-17.8	-25.9	217.9	11.8	7.9	-9.7	325.1	328.7	0.7	23.8	1.7	332.
20.7	78.7	7591.0	400.0	-22.0	-29.4	224.0	16.9	9.9	-13.7	326.4	327.6	0.3	19.8	0.7	346.
23.4	82.5	8055.0	375.0	-25.8	-29.3	231.2	14.4	9.0	-11.3	330.6	334.0	1.0	63.6	2.2	136.
27.7	85.8	8551.8	350.0	-25.8	-66.4	237.1	9.9	9.2	-3.9	334.0	334.1	0.0	1.0	5.5	131.
28.9	91.3	9030.0	325.0	-20.4	-62.9	247.7	10.7	10.6	-1.4	334.7	337.7	0.2	18.4	6.1	129.
34.9	100.5	10253.6	300.0	-24.7	-41.4	251.9	9.5	6.1	-7.8	335.4	337.7	0.3	45.9	8.0	130.
35.5	105.2	10505.9	275.0	-24.4	-44.6	263.6	13.6	6.2	-11.1	339.6	340.6	0.3	51.5	9.6	132.
39.4	111.6	11635.0	250.0	-43.9	99.9	264.4	11.4	4.9	-10.3	340.9	340.9	99.9	99.9	10.9	134.
39.8	111.6	11635.0	225.0	-49.9	99.9	322.1	12.1	7.4	-9.5	342.1	340.9	99.9	99.9	12.3	136.
43.8	117.5	12764.2	200.0	-55.7	99.9	332.4	9.7	4.5	-8.6	344.5	340.9	99.9	99.9	15.8	138.
46.1	124.0	13201.3	175.0	-62.0	99.9	317.9	10.3	6.9	-7.6	347.6	340.9	99.9	99.9	17.0	139.
51.3	130.9	14141.2	150.0	-65.6	99.9	251.5	14.2	13.5	4.5	357.1	340.9	99.9	99.9	19.6	131.
57.2	139.0	15245.6	125.0	-64.4	99.9	99.9	99.9	99.9	99.9	378.3	340.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
 FOSBET LEE, TEXAS

14 JUNE 1977  
 300 GMT

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TIME MIN	CNTCT	FLIGHT CRM	REFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.4	585.0	844.5	29.0	20.7	110.0	5.1	-4.8	1.7	306.9	351.8	16.5	61.0	0.0	0.
00.9	00.9	60.9	1000.0	59.9	54.5	93.5	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	09.9	575.0	99.0	69.9	93.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	09.9	550.0	99.9	69.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	13.1	139.2	925.0	27.5	16.7	123.0	11.9	-11.2	7.4	307.5	345.6	13.9	54.7	0.6	303.
1.3	13.1	139.2	900.0	25.6	16.7	123.0	11.9	-10.0	6.5	308.1	345.1	13.4	57.2	1.4	302.
3.0	13.2	139.0	975.0	27.7	15.6	121.2	11.5	-5.8	6.9	308.4	344.0	12.9	60.7	2.2	303.
4.1	20.7	152.9	890.0	21.3	13.4	104.9	10.3	-9.1	4.8	308.5	343.5	11.7	66.9	2.9	302.
5.3	23.1	179.0	825.0	19.9	13.4	104.9	8.6	-8.3	2.2	308.6	341.5	11.9	76.6	3.5	300.
6.5	25.4	205.4	800.0	17.5	10.9	90.0	4.5	-4.5	0.0	309.9	338.9	10.3	65.0	4.0	298.
7.7	28.2	234.8	775.0	16.5	9.0	85.7	3.2	-3.1	-0.2	311.6	336.6	8.8	57.2	4.2	296.
9.0	31.0	263.5	750.0	14.4	6.9	61.4	3.5	-3.0	-1.7	312.7	334.4	7.7	55.6	4.4	294.
10.7	33.7	291.7	725.0	12.6	4.2	41.2	5.2	-3.4	-3.5	313.3	329.1	5.4	42.3	4.5	290.
11.5	36.4	318.7	700.0	10.4	-9.6	55.5	6.7	-5.5	-3.5	314.0	322.8	2.9	25.2	4.7	285.
12.7	39.1	346.0	675.0	8.3	-15.5	56.4	7.9	-6.5	-4.3	315.0	320.4	1.7	16.7	5.1	281.
14.0	42.0	373.4	650.0	6.6	-17.4	45.7	9.2	-6.2	-5.4	316.5	321.3	1.5	16.0	5.6	276.
15.9	45.1	401.7	625.0	3.8	-14.4	36.3	7.7	-4.6	-6.2	316.8	323.2	2.0	24.9	6.1	269.
17.6	48.7	428.1	600.0	0.4	-19.5	40.4	7.3	-3.8	-5.9	317.9	321.3	1.3	22.7	7.2	259.
20.5	54.2	475.8	550.0	-4.4	-20.5	23.0	9.7	-0.6	-8.5	316.5	321.3	1.5	22.7	7.2	259.
22.1	57.8	503.5	525.0	-6.3	-20.5	35.8	12.9	0.3	-12.9	318.9	323.3	1.4	27.6	7.5	253.
23.7	61.0	531.3	500.0	-8.9	-23.4	36.5	14.3	-0.1	-14.3	320.9	325.8	1.5	32.8	8.0	244.
25.7	64.4	559.7	475.0	-10.1	-25.6	36.8	11.5	2.6	-11.2	325.5	326.8	0.4	10.0	9.3	229.
27.6	67.9	588.5	450.0	-11.1	-26.9	24.5	10.2	2.7	-9.9	325.5	327.2	0.4	12.0	10.1	221.
29.7	71.4	617.4	425.0	-16.1	-43.2	34.9	8.6	4.1	-7.6	329.4	329.1	0.2	7.4	10.6	216.
31.2	75.3	646.4	400.0	-19.5	-46.2	34.5	8.0	2.5	-8.8	329.7	330.3	0.1	7.2	11.1	212.
33.1	79.3	675.2	375.0	-23.2	-45.0	34.1	8.4	2.3	-9.1	330.8	331.3	0.1	8.2	11.7	208.
35.7	83.3	704.5	350.0	-28.1	-51.0	24.9	8.3	2.0	-8.0	330.9	331.3	0.1	9.0	12.6	205.
38.2	87.3	733.8	325.0	-31.8	-53.5	30.5	5.7	2.9	-5.0	332.8	333.1	0.1	9.6	13.4	202.
40.4	91.2	763.1	300.0	-35.8	-56.1	30.5	5.8	3.3	-5.9	334.9	335.1	0.1	10.3	14.0	199.
42.0	95.1	792.4	275.0	-40.4	-50.9	32.7	7.1	3.3	-6.4	336.7	339.9	99.9	955.9	14.7	196.
45.5	101.4	851.4	250.0	-44.5	95.9	37.3	7.6	1.7	-7.4	339.8	339.9	99.9	999.9	15.7	193.
49.3	107.0	910.9	225.0	-48.5	99.9	31.0	9.1	4.4	-8.0	344.2	339.9	99.9	999.9	17.2	190.
52.4	112.6	970.1	200.0	-52.9	99.9	32.5	10.6	5.1	-8.7	347.4	339.9	99.9	999.9	18.6	186.
55.1	118.4	1029.3	175.0	-59.8	99.9	31.5	12.8	9.6	-9.5	351.3	339.9	99.9	999.9	20.2	180.
60.1	125.4	1118.1	150.0	-65.1	99.9	27.5	9.5	9.5	0.4	358.0	339.9	99.9	999.9	21.3	175.
64.4	131.5	1207.3	125.0	-67.2	99.9	27.1	13.2	13.2	-0.7	373.3	339.9	99.9	955.9	21.7	167.
66.4	137.0	1296.5	100.0	-70.6	99.9	31.0	3.4	2.6	-2.2	391.3	339.9	99.9	999.9	21.6	162.
69.9	143.0	1385.9	75.0	99.9	99.9	52.5	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
97.9	99.9	99.9	50.0	55.9	55.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

14 JUNE 1977  
300 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GPM	PR'S MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GP/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	781.0	524.7	28.9	16.6	100.0	6.9	-6.7	1.2	308.9	345.2	13.2	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	14.6	1021.8	500.0	27.0	17.0	999.9	99.9	99.9	99.9	309.3	347.1	13.7	54.2	999.9	999.9
1.5	16.7	1270.5	875.0	24.7	15.4	999.9	99.9	99.9	99.9	309.4	344.7	12.7	56.4	999.9	999.9
2.5	19.2	1524.3	850.0	22.6	14.1	125.9	19.5	-16.1	11.7	309.8	343.2	12.0	58.6	2.6	314.
3.4	21.5	1784.2	825.0	21.1	13.0	117.6	12.6	-11.4	5.9	311.0	343.2	11.5	56.6	3.6	311.
4.5	24.1	2050.1	800.0	19.1	11.3	120.1	10.6	-9.2	5.3	311.5	341.4	10.6	60.5	4.3	309.
5.5	25.3	2322.7	775.0	17.2	9.1	121.8	6.8	-5.8	3.6	312.3	339.2	5.5	55.2	5.2	308.
6.6	29.0	2601.8	750.0	14.8	7.0	126.1	4.8	-3.9	2.8	312.7	336.9	8.4	59.3	5.2	308.
7.6	31.8	2888.7	725.0	13.0	3.2	155.1	1.4	0.1	-1.4	313.7	333.2	6.7	51.3	5.2	307.
9.5	34.6	3182.6	700.0	11.7	-4.6	345.8	2.0	0.5	-2.0	315.4	327.3	3.9	31.8	5.2	306.
9.6	37.2	3436.0	675.0	10.2	-9.4	8.8	2.1	-0.3	-2.0	317.1	325.8	2.8	24.5	5.1	305.
10.7	40.2	3798.9	650.0	8.2	-12.3	36.2	3.7	-2.2	-3.0	318.2	325.5	2.3	21.9	5.0	303.
11.8	43.0	4121.0	625.0	5.8	-13.5	17.4	4.9	-1.5	-4.7	319.0	325.9	2.2	22.5	5.1	300.
13.1	46.1	4457.1	600.0	2.7	-14.4	1.2	11.0	-0.2	-11.0	319.2	325.9	2.1	27.3	4.8	294.
14.3	49.4	4798.4	575.0	-0.9	-7.6	3.3	13.1	-0.9	-13.1	319.0	330.6	3.8	60.6	4.6	283.
15.4	52.4	5149.5	550.0	-4.1	-7.6	354.4	12.7	0.8	-12.6	319.2	331.3	3.9	76.3	4.5	272.
16.6	55.8	5513.9	525.0	-7.0	-9.0	343.5	12.4	3.5	-11.9	320.0	331.4	2.7	85.4	4.4	261.
17.9	59.3	5893.1	500.0	-9.4	-13.4	399.7	12.3	6.2	-10.6	321.3	330.0	2.7	73.9	4.3	249.
19.1	63.0	6299.7	475.0	-10.4	-21.5	317.9	12.5	8.4	-9.3	325.1	328.0	0.8	23.0	4.1	236.
20.3	66.4	6702.4	450.0	-13.7	-31.5	334.0	12.6	5.5	-11.4	326.0	328.1	0.6	23.0	4.1	224.
21.8	70.5	7133.6	425.0	-17.6	-33.7	326.0	12.6	7.0	-10.4	326.4	328.2	0.5	22.9	4.7	211.
23.3	74.5	7584.5	400.0	-23.6	-35.0	308.2	12.5	9.8	-7.7	328.2	329.9	0.5	26.2	5.1	198.
24.9	78.8	8040.0	375.0	-33.7	-39.0	321.1	12.1	7.6	-9.4	330.8	332.1	0.3	21.9	5.6	188.
25.3	83.2	8541.4	350.0	-26.8	-41.9	321.0	11.4	7.2	-8.8	332.7	333.7	0.3	22.1	6.4	181.
25.0	87.9	9093.6	325.0	-25.6	-44.2	322.9	9.1	4.9	-5.4	335.9	335.8	0.2	22.3	7.3	175.
29.6	82.8	9660.1	300.0	-33.8	-47.7	353.0	6.0	0.7	-6.0	337.8	338.5	0.2	22.8	7.8	174.
31.5	87.6	10245.1	275.0	-38.0	-50.9	11.6	9.5	-1.9	-9.3	340.2	340.7	0.1	24.2	8.7	175.
33.6	103.0	10913.6	250.0	-43.5	99.5	9.2	7.8	-1.3	-7.7	341.5	999.9	99.9	995.9	9.8	177.
35.5	109.9	11616.5	225.0	-47.5	99.9	8.0	9.2	-1.3	-9.1	345.7	999.9	99.9	995.9	10.7	178.
35.0	114.8	12364.5	200.0	-52.5	99.9	4.9	13.9	-1.2	-13.8	348.0	999.9	99.9	995.9	12.5	179.
40.4	121.0	13234.4	175.0	-57.0	99.9	307.3	15.1	12.0	-9.1	358.4	999.9	99.9	999.9	14.4	176.
43.5	127.8	14105.5	150.0	-62.3	99.9	293.3	11.2	10.3	-4.4	362.7	999.9	99.9	999.9	15.3	170.
46.2	135.0	15154.4	125.0	-65.6	99.5	279.7	15.5	15.3	-2.6	376.2	999.9	99.9	995.9	16.6	162.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.5	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMO MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

14 JUNE 1977  
000 GMT

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TIME MIN	CATCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	277.0	917.7	24.7	16.3	80.0	3.0	-8.9	-1.6	307.3	342.7	12.9	53.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	14.7	1047.4	900.0	25.8	17.3	994.9	99.0	99.9	99.9	308.1	346.5	14.0	59.4	999.9	999.9
1.7	15.7	1047.4	900.0	24.1	16.9	999.9	99.0	99.9	99.9	308.8	347.4	14.0	63.5	999.9	999.9
2.1	14.5	1047.0	900.0	21.9	15.7	999.9	99.0	99.9	99.9	309.1	346.0	10.4	68.0	999.9	999.9
3.0	20.6	1404.1	825.0	19.9	15.1	114.0	14.3	-13.5	6.0	309.5	346.2	13.2	74.2	2.7	292.
4.0	22.4	2071.1	900.0	18.0	13.0	105.0	13.4	-12.9	3.6	310.3	343.6	11.9	72.7	3.5	292.
5.0	24.2	2747.5	775.0	17.0	11.5	94.0	12.4	-12.4	0.9	312.1	343.9	11.3	71.4	4.2	289.
6.0	27.4	2699.9	740.0	14.5	10.3	92.4	12.4	-12.4	0.5	312.3	342.4	10.6	75.9	5.0	287.
7.2	20.3	3000.2	725.0	12.7	7.2	83.7	9.5	-9.4	-1.0	313.4	338.8	8.9	69.3	5.7	285.
8.4	32.4	3000.4	700.0	11.4	-6.4	81.7	6.4	-6.3	-0.9	315.1	328.0	4.3	35.9	6.3	282.
9.7	34.9	3000.5	675.0	9.4	-1.3	86.8	3.0	-3.0	-0.2	316.7	331.6	5.0	44.1	6.6	281.
10.8	37.3	3000.1	650.0	7.5	-3.0	73.9	2.8	-2.7	-0.3	317.6	330.3	4.2	41.3	6.8	281.
11.9	39.5	4141.2	625.0	5.6	-5.2	343.1	3.1	0.9	-3.0	318.2	330.8	3.9	43.1	6.9	280.
13.2	42.6	4477.6	600.0	3.0	-8.1	340.4	7.0	2.6	-7.3	319.6	330.3	3.5	43.9	6.6	277.
14.4	45.7	4816.8	575.0	0.5	-17.0	345.3	12.2	2.9	-11.9	320.6	326.3	1.8	25.5	6.4	271.
15.5	46.7	5171.4	550.0	-2.6	-17.2	347.0	14.0	3.3	-14.2	321.0	326.5	1.7	30.1	6.3	263.
16.8	51.0	5577.9	525.0	-5.4	-22.2	349.0	13.0	2.5	-12.8	321.9	325.8	1.2	23.9	6.2	252.
18.1	54.1	5916.7	500.0	-6.9	-33.5	354.1	10.1	1.0	-10.1	324.7	326.3	0.4	5.8	6.4	244.
19.4	57.1	6217.7	475.0	-10.0	-32.2	343.6	7.9	2.2	-7.5	325.6	327.5	0.5	14.2	6.7	235.
20.6	60.4	6731.4	450.0	-12.9	-33.5	338.9	10.2	3.7	-9.5	325.7	327.5	0.5	17.1	6.8	234.
21.9	63.9	7162.4	425.0	-17.9	-34.6	329.7	12.2	6.2	-10.6	325.1	327.8	0.5	21.5	7.0	227.
23.7	67.7	7412.5	400.0	-21.5	-35.9	325.7	12.6	7.1	-10.5	326.9	328.3	0.4	23.6	7.4	216.
25.9	70.8	8000.0	375.0	-27.2	-42.9	320.8	11.4	7.3	-9.0	330.9	331.7	0.2	14.4	7.9	206.
27.8	74.6	8497.5	350.0	-28.0	-45.7	324.9	13.7	7.9	-11.2	331.1	331.7	0.2	16.3	8.8	197.
29.6	78.5	9115.5	325.0	-31.0	-48.1	329.3	16.5	8.4	-14.1	333.9	334.5	0.1	16.6	10.0	189.
32.0	82.6	9600.3	300.0	-34.6	-52.8	322.0	11.5	7.2	-9.3	336.6	337.0	0.1	13.6	11.4	182.
34.3	86.8	10000.1	275.0	-37.5	-53.1	319.9	6.1	3.9	-4.7	340.7	341.0	0.1	13.9	12.5	178.
35.8	91.4	10000.3	250.0	-42.0	99.9	304.2	4.7	3.8	-2.6	343.7	999.9	99.9	999.9	12.9	177.
39.5	96.4	11041.2	200.0	-45.5	99.9	304.6	7.4	5.8	-4.6	347.3	999.9	99.9	999.9	13.5	173.
42.7	101.8	12114.8	200.0	-51.6	99.9	323.5	8.9	5.3	-7.1	351.1	999.9	99.9	999.9	14.6	170.
45.5	107.9	13255.9	175.0	-55.0	99.9	313.3	12.8	9.3	-8.9	354.2	999.9	99.9	999.9	16.4	166.
49.3	114.7	14275.5	150.0	-62.5	99.9	290.1	9.2	8.5	-3.5	360.5	999.9	99.9	999.9	18.6	161.
53.4	121.3	15233.9	125.0	-65.3	99.9	275.9	13.5	13.8	-1.4	374.3	999.9	99.9	999.9	20.5	155.
53.5	129.7	16470.5	100.0	-70.7	99.9	999.9	99.9	99.9	99.9	391.2	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

14 JUNE 1977  
600 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.2	771.0	929.6	22.5	15.4	80.0	8.4	-8.3	-1.5	301.9	334.0	11.9	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.2	12.6	814.3	925.0	22.0	13.7	999.9	99.9	99.9	99.9	301.8	331.1	10.8	59.4	999.9	999.
0.9	14.9	1051.9	900.0	20.6	10.7	999.9	99.9	99.9	99.9	302.7	327.4	9.0	52.9	999.9	999.
2.3	15.9	1207.0	875.0	23.8	7.6	88.7	15.8	-15.8	-0.3	308.5	329.9	7.5	35.5	2.2	278.
3.0	19.3	1550.0	850.0	22.4	6.2	43.0	12.1	-12.0	-1.5	310.0	330.1	7.0	34.2	2.8	275.
3.6	21.4	1809.4	825.0	21.8	5.2	74.7	7.7	-7.4	-2.0	311.6	331.1	6.7	32.9	3.2	274.
4.4	23.7	2075.7	800.0	20.5	4.0	51.3	5.5	-4.3	-3.4	313.0	331.7	6.4	33.8	3.4	271.
5.2	25.9	2349.8	775.0	18.1	2.3	26.8	6.8	-3.1	-6.1	313.3	330.5	5.9	34.8	3.6	268.
6.0	24.7	2624.5	750.0	16.1	1.8	7.8	8.7	-1.2	-8.6	314.0	331.2	5.8	38.0	3.7	262.
6.9	30.4	2915.3	725.0	13.3	0.4	4.4	9.0	-0.7	-8.9	314.0	330.5	5.6	42.4	3.9	254.
8.2	33.4	3209.8	700.0	11.1	-0.4	5.5	7.3	-0.7	-7.3	314.9	330.6	5.3	44.6	4.1	246.
9.4	35.8	3512.4	675.0	9.0	-1.6	355.7	6.9	0.5	-6.7	315.7	330.8	5.0	47.2	4.4	240.
11.8	38.3	3824.3	650.0	7.5	-2.8	324.2	10.5	6.1	-9.5	317.5	331.9	4.8	47.7	4.6	225.
13.3	40.8	4145.9	625.0	4.6	-5.8	336.3	12.3	4.9	-11.3	317.8	329.9	4.0	46.6	4.8	213.
13.8	43.6	4477.1	600.0	1.6	-5.6	347.1	14.0	3.1	-13.6	317.9	329.8	3.9	54.5	5.1	210.
14.5	45.4	4814.3	575.0	-2.1	-7.6	352.9	17.2	2.1	-17.1	317.6	329.1	3.8	65.7	5.7	206.
16.5	49.3	5145.6	550.0	-5.5	-10.1	344.0	21.9	6.0	-21.1	317.6	327.6	3.2	69.8	7.7	195.
18.0	52.0	5533.9	525.0	-7.4	-9.5	346.9	17.3	3.9	-16.9	319.6	330.6	3.6	64.6	9.3	189.
19.6	55.0	5913.4	500.0	-9.3	-12.0	338.0	16.0	6.0	-14.8	321.8	331.4	3.1	60.4	10.8	186.
21.2	57.9	6309.2	475.0	-11.7	-13.6	333.8	18.0	7.9	-16.1	323.5	332.5	2.8	66.1	12.2	182.
22.8	61.0	6721.2	450.0	-14.4	-15.8	338.5	18.3	6.7	-17.1	325.2	333.4	2.5	61.2	13.8	178.
24.0	64.3	7152.4	425.0	-17.5	-18.2	359.0	16.5	0.6	-16.5	326.6	333.5	2.1	93.2	15.0	177.
25.4	67.6	7604.6	400.0	-20.6	-21.6	14.7	14.9	-3.8	-14.4	328.3	333.9	1.7	91.8	16.3	178.
26.9	70.9	8079.1	375.0	-23.9	-25.1	15.1	13.9	-3.8	-13.3	330.0	334.5	1.3	89.3	17.5	179.
28.4	74.4	8570.0	350.0	-28.0	-29.8	10.3	14.3	-2.6	-14.1	331.1	334.3	0.9	84.2	19.2	181.
30.6	78.3	9107.8	325.0	-31.3	-34.2	4.8	9.4	-0.8	-9.4	332.9	335.2	0.6	78.8	20.4	181.
32.8	82.0	9669.4	300.0	-35.4	-39.0	345.5	9.1	2.0	-7.8	335.5	337.0	0.4	69.3	21.5	181.
35.1	85.0	10269.0	275.0	-40.5	-44.9	323.5	1.0	0.6	-0.8	336.6	999.9	99.9	999.9	22.1	180.
37.3	90.4	10911.0	250.0	-46.1	-50.9	255.8	4.8	3.9	2.7	337.5	999.9	99.9	999.9	21.7	180.
40.9	94.1	11604.1	225.0	-50.2	-56.2	250.5	7.4	7.0	2.5	341.6	999.9	99.9	999.9	21.0	177.
44.5	100.0	12368.9	200.0	-53.1	-59.9	293.5	12.1	11.1	-4.6	348.6	999.9	99.9	999.9	21.3	172.
48.7	105.2	13219.3	175.0	-58.4	-64.9	305.9	12.3	9.9	-7.2	353.6	999.9	99.9	999.9	23.6	165.
52.9	110.8	14177.3	150.0	-63.5	-69.9	288.9	5.9	5.5	-1.9	360.7	999.9	99.9	999.9	25.1	161.
57.8	117.3	15287.7	125.0	-67.1	-74.9	307.3	7.0	5.6	-4.2	373.5	999.9	99.9	999.9	26.4	161.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 44C  
ROBERT LEE, TEXAS

14 JUNE 1977  
04Z GMT

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TIME MIN	CNTCT	WGTGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DS	SPEED M/SEC	U COVR M/SEC	V COVR M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	455.0	585.5	26.0	21.0	0.0	0.0	0.0	0.0	303.6	348.5	16.8	74.0	0.0	0.
00.0	09.0	50.9	1000.0	06.9	09.9	00.9	09.9	09.9	09.9	09.9	099.9	09.9	999.9	999.9	999.9
00.0	09.0	09.0	975.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	099.9	09.0	999.9	999.9	999.9
00.0	09.0	09.0	975.0	09.0	09.0	09.0	09.0	09.0	09.0	09.0	099.9	09.0	999.9	999.9	999.9
00.0	13.3	214.7	925.0	25.7	13.3	122.6	4.2	-3.8	2.4	305.6	344.9	14.5	63.6	0.2	263.
1.0	15.4	1047.5	900.0	22.0	17.0	107.0	5.0	-5.1	1.6	305.3	343.6	13.7	64.7	0.5	285.
2.0	17.7	1002.7	875.0	22.0	15.6	51.4	5.0	-4.8	-1.6	305.9	342.1	12.9	67.2	0.8	282.
3.0	20.0	1055.2	850.0	19.9	14.2	71.2	5.1	-4.8	-1.6	305.9	340.2	12.1	70.3	1.1	277.
4.0	23.1	1123.6	825.0	16.5	12.2	35.4	6.5	-3.8	-5.4	305.2	338.5	10.9	66.7	1.4	267.
5.0	24.5	1074.5	800.0	17.5	10.2	13.0	8.6	-1.9	-9.3	305.5	337.3	9.9	63.1	1.7	251.
6.0	27.3	1047.4	775.0	15.4	6.5	14.3	10.5	-3.4	-10.4	310.4	332.9	7.9	55.1	2.0	237.
7.0	29.8	1024.6	750.0	13.6	2.9	21.2	11.7	-4.2	-10.9	311.4	329.7	6.3	48.2	2.6	228.
8.0	32.4	1008.6	725.0	11.7	-5.7	29.8	12.5	-6.3	-10.9	313.3	322.8	3.5	25.3	3.3	223.
10.0	35.1	1001.6	700.0	9.6	-6.2	33.5	13.0	-7.7	-11.6	313.2	323.7	3.5	32.4	4.1	221.
11.0	37.7	1002.7	675.0	7.3	-13.1	33.6	14.4	-7.0	-12.0	313.3	320.7	2.1	21.7	5.1	220.
12.0	40.5	1011.1	650.0	4.6	-16.2	30.1	12.0	-7.7	-9.2	313.2	319.4	1.7	20.2	6.1	215.
13.0	43.2	1009.4	625.0	2.3	-17.1	50.2	8.5	-6.0	-5.6	315.7	320.9	1.6	21.3	7.6	221.
15.0	46.1	1002.7	600.0	-0.1	-11.0	62.2	7.5	-7.0	-3.5	315.0	324.5	2.7	43.4	9.0	220.
16.0	49.3	1007.5	575.0	-3.1	-10.9	63.4	9.5	-7.6	-3.9	316.3	325.2	2.9	54.7	9.3	223.
18.0	52.1	1007.4	550.0	-6.3	-13.7	49.3	7.2	-5.4	-4.8	316.7	322.2	2.4	55.3	9.0	225.
19.0	55.7	1000.5	525.0	-7.9	-14.2	145.5	5.5	-4.4	-5.3	318.9	326.6	2.4	60.1	9.5	224.
21.0	58.4	1000.2	500.0	-7.2	-18.5	311.2	7.1	-7.1	-6.3	324.3	325.3	0.3	6.1	9.6	220.
23.0	61.7	1000.1	475.0	-7.7	-16.3	306.9	13.0	10.4	-7.8	324.3	326.0	0.3	5.8	9.6	214.
24.0	64.5	1011.7	450.0	-7.1	-13.0	307.1	14.4	11.5	-9.7	325.5	326.6	0.3	10.1	9.8	206.
25.0	67.0	1011.7	425.0	-7.6	-13.0	305.5	8.9	7.2	-5.2	323.3	325.1	0.2	7.7	10.1	198.
27.0	70.0	1008.3	400.0	-7.0	-15.6	319.7	5.2	5.3	-5.2	323.9	325.5	0.2	8.1	10.4	194.
29.0	73.0	1008.9	375.0	-7.0	-17.6	320.5	5.0	4.6	-6.6	329.9	330.5	0.1	9.1	11.1	190.
31.0	80.0	1007.7	350.0	-7.6	-19.6	324.2	7.4	4.3	-5.0	330.2	330.5	0.1	5.7	11.8	187.
34.0	84.0	1004.0	325.0	-12.6	-20.2	320.2	6.1	3.1	-5.2	331.9	332.1	0.1	10.7	12.6	184.
37.0	88.2	1005.1	300.0	-15.5	-17.0	313.0	5.6	4.8	-4.5	335.3	335.6	0.1	8.9	13.4	180.
40.0	92.0	1007.4	275.0	-18.1	-15.7	61.0	4.8	-0.5	-5.6	340.0	340.2	0.1	10.7	14.3	179.
42.0	97.6	1005.7	250.0	-18.6	00.9	44.0	7.4	-5.2	-5.4	341.3	336.9	0.1	10.7	15.1	181.
45.0	102.5	1004.9	225.0	-18.2	59.2	31.1	8.9	-6.6	-7.6	342.9	339.9	0.1	9.9	16.2	184.
48.0	108.5	1005.0	200.0	-14.3	09.0	311.1	3.5	2.6	-2.3	346.8	339.9	0.1	9.9	17.1	185.
51.0	114.3	1006.5	175.0	-10.1	06.9	300.0	12.7	11.0	-6.3	352.4	339.9	0.1	9.9	18.2	177.
53.0	121.0	1008.0	150.0	-14.7	09.5	279.1	11.5	11.4	-1.6	353.7	339.9	0.1	9.9	19.4	176.
55.0	128.3	1005.4	125.0	-17.1	09.5	267.0	10.2	9.1	-4.0	373.5	339.9	0.1	9.9	20.6	163.
61.0	135.3	1004.7	100.0	-12.5	09.5	262.9	09.9	09.9	09.9	387.5	339.9	0.1	9.9	22.6	163.
64.0	141.9	1004.7	75.0	09.0	09.0	09.9	09.9	09.9	09.9	09.9	339.9	0.1	9.9	25.9	163.
69.0	149.0	09.9	50.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	339.9	0.1	9.9	29.9	163.
74.0	157.0	09.9	25.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	339.9	0.1	9.9	34.9	163.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TLD MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

14 JUNE 1977  
600 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	731.0	929.3	25.9	17.5	30.0	8.9	-4.4	-7.7	305.5	342.9	12.8	60.0	0.0	0.
00.9	99.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
01.8	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02.7	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
03.6	12.0	812.3	925.0	25.4*	99.5	999.9	99.5	99.9	99.9	305.8	999.9	99.9	999.9	999.9	999.9
04.5	14.2	1052.2	500.0	25.0	99.5	999.9	99.5	99.9	99.9	307.7	999.9	99.9	999.9	999.9	999.9
05.4	16.2	1209.2	875.0	25.0	17.7	559.9	99.9	99.9	99.9	309.7	350.6	14.8	64.3	999.9	999.9
06.3	18.4	1457.5	850.0	22.2	17.0	999.9	99.9	99.9	99.9	309.4	349.6	14.6	72.7	999.9	999.9
07.2	20.6	1812.9	825.0	19.6	16.3	999.9	99.9	99.9	99.9	309.4	348.9	14.3	81.1	999.9	999.9
08.1	22.9	2078.1	900.0	18.4	14.5	108.4	12.1	-11.5	3.8	310.7	347.2	13.1	78.0	3.3	276.
09.0	25.2	2450.6	775.0	17.2	9.5	90.3	12.7	-12.7	0.1	312.3	340.0	9.7	60.8	4.1	277.
10.0	27.4	2830.4	750.0	16.1	4.9	79.3	14.7	-14.4	-2.7	314.1	335.3	7.3	47.7	5.0	275.
11.0	30.0	3217.6	725.0	14.5	-1.8	74.7	14.1	-13.6	-3.7	315.4	329.3	4.6	32.3	5.9	272.
12.0	32.5	3615.5	700.0	12.0	-1.8	74.1	12.5	-12.1	-3.0	315.8	330.3	4.8	38.4	6.8	269.
13.0	35.0	4015.5	675.0	10.4	-3.6	60.8	5.3	-5.2	-0.9	317.3	330.5	4.4	26.8	7.5	269.
14.0	37.4	4420.1	650.0	8.6	-3.4	54.4	3.6	-3.6	0.3	318.8	327.8	2.9	26.8	7.5	269.
15.0	40.2	4842.9	625.0	6.1	-3.7	48.3	2.5	-2.5	-0.1	319.4	329.2	3.2	33.7	7.8	269.
16.0	42.8	5285.7	600.0	2.9	-7.0	324.9	5.2	2.7	-4.4	319.5	330.4	3.5	44.9	7.8	268.
17.0	45.7	5750.4	575.0	0.4	-3.4	320.2	10.2	5.1	-8.9	320.7	336.6	5.2	74.8	7.6	264.
18.0	48.6	6235.0	550.0	-2.2	-5.5	344.9	14.1	3.7	-13.6	321.5	335.7	4.6	77.9	7.2	256.
19.0	51.4	6735.5	525.0	-4.7	-7.4	346.6	19.4	4.3	-17.9	322.8	335.8	4.2	81.7	7.5	244.
20.0	54.6	7255.5	500.0	-7.9	-9.5	324.5	19.0	7.2	-16.5	323.4	335.1	3.7	88.5	7.9	233.
21.0	57.5	7795.1	475.0	-9.9	-15.3	325.3	16.5	9.4	-13.6	325.7	333.7	2.5	64.9	8.2	221.
22.0	60.8	8344.7	450.0	-12.3	-20.8	327.2	15.6	9.4	-13.1	327.7	330.0	0.6	15.6	8.8	210.
23.0	64.3	8913.3	425.0	-14.8	-24.4	331.5	17.2	8.2	-15.1	330.0	332.8	0.8	28.1	9.8	201.
24.0	67.6	9482.2	400.0	-17.6	-27.3	310.3	16.7	10.9	-12.7	332.2	332.7	0.1	5.4	11.0	192.
25.0	71.0	10119.7	375.0	-21.0	-28.8	335.4	20.9	9.6	-19.0	333.8	334.2	0.1	6.1	12.9	186.
26.0	75.0	10825.1	350.0	-24.6	-30.9	376.6	19.8	7.5	-17.2	335.5	335.9	0.1	6.6	14.7	191.
27.0	79.0	11611.1	325.0	-28.5	-33.3	339.5	13.2	4.9	-12.3	337.4	337.7	0.1	7.1	15.8	179.
28.0	83.0	12470.1	300.0	-32.9	-35.4	335.4	9.7	3.9	-9.9	339.2	339.5	0.1	8.2	17.3	177.
29.0	87.2	13337.2	275.0	-37.2	-38.9	335.5	8.9	3.5	-8.2	341.4	341.9	0.1	23.3	18.4	176.
30.0	92.0	14296.0	250.0	-42.8	-42.9	65.7	8.1	-7.5	-3.2	342.5	999.9	99.9	999.9	19.3	177.
31.0	97.0	15351.8	225.0	-48.1	-46.1	242.9	4.5	4.0	2.1	347.9	999.9	99.9	999.9	18.9	179.
32.0	102.2	16477.0	200.0	-51.0	-49.9	293.5	11.6	10.6	-4.6	352.1	999.9	99.9	999.9	19.2	174.
33.0	109.0	17725.5	175.0	-56.3	-54.9	293.5	12.8	12.4	-3.0	357.1	999.9	99.9	999.9	20.6	169.
34.0	114.3	19093.8	150.0	-61.1	-59.9	299.4	12.4	11.8	-3.9	364.8	999.9	99.9	999.9	21.9	163.
35.0	121.3	20570.9	125.0	-63.4	-64.9	328.6	7.6	4.0	-6.5	380.1	999.9	99.9	999.9	23.2	159.
36.0	129.0	22165.9	100.0	-69.9	-69.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
37.0	138.0	23895.9	75.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
38.0	149.0	25765.9	50.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
39.0	162.0	27785.9	25.0	-99.9	-99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN IN-EXTRAPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

21 JUNE 1977  
1500 GMT

117 98. 0

TIME M.Y	CATC	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	18.0	87.0	915.0	22.9	19.0	160.0	5.3	-1.9	5.3	303.6	344.6	15.3	79.0	0.0	0.
90.0	30.0	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
90.1	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	17.5	107.2	900.0	21.0	19.8	184.3	8.4	0.6	8.5	303.2	347.0	16.4	92.9	0.4	7.
1.0	18.0	126.1	875.0	19.7	19.1	182.2	9.8	0.4	9.8	303.2	343.7	15.1	96.0	0.8	5.
2.0	17.5	150.6	850.0	16.9	16.3	184.7	11.8	1.0	11.8	303.9	341.4	13.9	96.1	1.4	4.
3.0	20.1	174.7	825.0	15.6	11.4	194.2	12.2	3.0	11.9	305.1	373.6	10.4	76.5	2.0	5.
4.0	22.1	207.8	800.0	17.0	3.5	207.7	11.5	4.6	10.5	309.2	326.8	6.1	40.1	2.8	9.
5.0	23.1	229.4	775.0	16.5	0.4	230.1	6.2	5.0	7.2	311.5	326.5	5.1	33.5	3.3	13.
6.0	24.1	254.7	750.0	14.6	0.6	268.6	5.5	5.5	0.1	312.5	328.4	5.4	38.8	3.4	17.
7.0	25.1	282.4	725.0	12.7	0.4	256.3	6.7	6.5	1.6	313.4	329.4	5.4	42.7	3.6	23.
8.0	26.1	315.9	700.0	10.7	-0.2	250.0	5.5	6.5	2.3	313.9	329.9	5.4	48.3	3.9	28.
9.0	27.1	347.6	675.0	8.1	-0.2	254.5	5.2	5.2	0.9	314.7	331.4	5.6	55.9	4.2	32.
10.0	28.1	379.2	650.0	6.0	-0.2	254.5	2.2	2.1	0.6	315.8	329.1	4.4	46.7	4.4	36.
11.0	29.7	408.6	625.0	4.0	-0.2	221.8	0.9	-0.7	0.4	317.1	329.7	4.2	51.0	4.5	35.
12.0	31.0	440.2	600.0	3.1	-0.1	54.1	2.5	-2.2	-1.6	319.7	329.7	3.2	40.3	4.4	34.
13.0	32.0	470.4	575.0	0.4	-1.6	34.0	2.5	-1.4	-2.0	320.5	329.1	2.7	40.1	4.2	33.
14.0	33.0	510.3	550.0	-2.1	-1.7	4.6	3.4	-0.2	-2.4	321.6	328.7	2.2	37.1	4.0	35.
15.0	34.0	549.5	525.0	-4.3	-1.6	2.2	1.4	-0.1	-1.4	322.9	325.4	2.0	26.5	3.9	36.
16.0	35.0	588.2	500.0	-6.7	-1.5	133.9	1.2	-0.6	0.8	324.4	331.4	2.1	47.9	3.8	36.
17.0	36.0	624.8	475.0	-9.1	-1.5	196.3	4.2	1.2	4.0	325.9	333.5	2.3	60.4	4.0	34.
18.0	37.0	660.8	450.0	-12.4	-1.2	208.9	5.9	2.8	5.1	326.4	333.6	2.2	72.9	4.4	33.
19.0	38.0	695.8	425.0	-15.1	-2.4	226.3	9.4	6.8	6.5	329.7	333.7	1.2	42.6	5.1	34.
20.0	39.0	732.0	400.0	-19.0	-2.9	227.9	11.1	8.2	7.4	330.3	334.2	1.1	54.2	6.1	36.
21.0	40.0	768.2	375.0	-23.5	-3.5	229.9	11.3	9.7	7.3	331.2	336.0	0.8	43.8	7.3	38.
22.0	41.0	804.6	350.0	-28.9	-5.8	227.4	13.4	9.4	9.5	334.1	336.0	0.5	37.8	8.6	40.
23.0	42.0	841.0	325.0	-34.5	-7.4	221.6	15.0	11.9	13.5	335.9	337.2	0.1	6.5	10.6	40.
24.0	43.0	877.4	300.0	-40.0	-9.0	228.2	16.4	13.2	10.9	339.5	339.6	0.0	1.9	12.6	41.
25.0	44.0	913.8	275.0	-46.0	-10.0	229.9	17.5	15.2	11.5	341.3	341.3	0.0	1.0	14.7	42.
26.0	45.0	950.2	250.0	-52.4	-11.0	233.3	17.2	13.8	10.3	343.0	999.9	99.9	999.9	17.2	43.
27.0	46.0	986.6	225.0	-58.0	-12.0	230.2	16.3	12.5	10.4	345.4	999.9	99.9	999.9	19.6	45.
28.0	47.0	1023.0	200.0	-64.0	-13.0	209.1	16.7	7.9	14.8	350.1	999.9	99.9	999.9	22.3	44.
29.0	48.0	1059.4	175.0	-70.0	-14.0	226.6	15.6	11.3	13.7	352.6	999.9	99.9	999.9	25.2	43.
30.0	49.0	1095.8	150.0	-76.0	-15.0	223.5	14.0	13.2	13.7	358.9	999.9	99.9	999.9	28.3	43.
31.0	50.0	1132.2	125.0	-82.0	-16.0	210.7	12.8	6.5	11.0	373.1	999.9	99.9	999.9	32.1	43.
32.0	51.0	1168.7	100.0	-87.0	-17.0	99.9	99.9	99.9	99.9	390.1	999.9	99.9	999.9	999.9	999.9
33.0	52.0	1205.1	75.0	-93.0	-18.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
34.0	53.0	1241.5	50.0	-99.0	-19.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
35.0	54.0	1277.9	25.0	-105.0	-20.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
36.0	55.0	1314.3	0.0	-111.0	-21.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
37.0	56.0	1350.7	25.0	-117.0	-22.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
38.0	57.0	1387.1	0.0	-123.0	-23.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
39.0	58.0	1423.5	25.0	-129.0	-24.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
40.0	59.0	1459.9	0.0	-135.0	-25.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

21 JUNE 1977  
1500 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	771.0	927.9	25.5	22.2	180.0	4.2	0.0	4.2	305.1	354.8	18.5	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.1	798.7	925.0	25.2*	20.3	999.9	99.9	99.9	99.9	305.1	349.6	16.5	74.4	999.9	999.9
0.9	15.5	1019.6	900.0	21.8	17.8	999.9	99.9	99.9	99.9	305.4	345.4	15.4	83.0	999.9	999.9
2.0	17.7	1243.1	875.0	19.3	17.0	204.6	10.4	4.3	9.5	303.8	342.0	14.2	86.9	1.1	18.
3.0	20.2	1537.8	850.0	21.9	14.7	208.2	10.8	5.1	9.5	309.1	343.8	12.5	64.0	1.7	21.
3.9	22.4	1797.5	825.0	21.6	8.7	202.5	11.1	4.3	10.3	311.4	336.1	8.6	43.7	2.4	23.
4.9	24.9	2059.9	800.0	20.1	7.2	201.6	9.1	3.3	9.4	312.6	335.7	8.0	42.2	3.0	22.
5.9	27.3	2773.0	775.0	18.1	7.0	225.8	6.9	5.0	8.8	313.3	330.8	8.2	48.3	3.4	24.
7.0	29.9	2612.8	750.0	15.6	5.7	217.2	6.7	4.1	8.4	314.7	335.7	7.7	51.6	3.8	26.
8.0	32.5	3000.0	725.0	13.9	4.0	214.0	5.2	2.9	8.3	314.7	335.3	7.1	51.5	4.2	26.
9.1	35.3	3194.9	700.0	11.1	3.6	237.6	4.2	3.6	8.3	314.8	335.6	7.1	59.8	4.5	28.
10.7	38.0	3497.4	675.0	8.3	2.3	222.6	4.0	2.7	8.0	315.0	334.7	6.7	65.2	4.7	30.
11.3	40.7	3808.2	650.0	5.9	0.7	198.8	6.3	2.0	6.0	315.6	333.9	6.2	69.6	5.0	29.
12.5	43.5	4128.4	625.0	3.5	-1.5	190.5	8.2	1.5	9.1	316.5	332.9	5.5	69.8	5.5	28.
13.7	46.5	4458.8	600.0	0.9	-2.8	175.6	8.2	-0.6	8.2	317.1	332.7	5.2	76.2	6.1	26.
14.9	49.6	4800.3	575.0	-0.3	-7.5	166.7	6.4	-1.5	6.2	319.7	331.3	3.8	58.1	6.5	23.
15.1	52.5	5154.5	550.0	-3.5	-7.9	176.9	4.2	-0.2	4.1	319.8	331.7	3.9	72.4	6.9	21.
17.5	55.5	5520.4	525.0	-6.6	-7.8	171.5	4.0	-0.6	3.9	320.5	333.0	4.1	91.5	7.1	20.
18.9	58.9	5901.5	500.0	-7.4	-13.2	170.6	3.4	-0.6	3.4	324.1	332.9	2.8	62.6	7.4	19.
20.4	62.7	6289.4	475.0	-10.4	-15.5	156.0	4.3	-2.0	4.4	325.1	332.8	2.4	66.4	7.6	17.
21.9	65.6	6714.0	450.0	-12.6	-17.4	146.8	5.2	0.6	5.2	327.5	334.6	2.2	67.1	8.1	15.
23.5	69.1	7148.0	425.0	-14.7	-20.9	235.0	6.7	5.5	3.9	330.2	335.8	1.7	58.8	8.6	17.
25.4	72.7	7406.0	400.0	-17.5	-24.4	228.5	9.5	6.4	5.6	332.2	336.7	1.3	54.8	9.3	20.
27.7	76.7	8086.1	375.0	-21.2	-27.4	205.3	11.3	5.0	10.1	333.6	337.3	1.1	57.1	10.3	22.
29.7	80.6	8501.2	350.0	-25.3	-30.8	209.0	14.4	7.0	12.6	334.6	337.6	0.8	60.3	11.9	22.
31.7	84.8	9124.9	325.0	-28.9	-33.3	217.4	17.2	10.5	13.7	336.8	337.8	0.2	23.5	13.6	24.
33.7	89.2	9652.7	300.0	-33.5	-35.6	215.1	17.8	10.2	14.6	338.0	339.5	0.4	54.7	15.7	26.
35.4	93.9	10227.9	275.0	-39.2	-46.5	209.0	18.6	9.0	16.2	339.8	340.7	0.2	41.2	18.0	26.
37.8	98.6	10946.2	250.0	-42.9	99.9	228.3	15.8	12.6	11.2	342.4	999.9	99.9	999.9	20.5	27.
40.5	103.8	11645.1	225.0	-47.9	99.9	226.2	17.5	12.6	12.1	345.1	999.9	99.9	999.9	23.2	30.
43.7	109.5	12415.3	200.0	-53.9	99.9	223.1	21.7	14.9	15.8	347.4	999.9	99.9	999.9	26.3	32.
46.7	115.6	13262.8	175.0	-59.4	99.9	229.6	18.9	14.4	12.2	351.9	999.9	99.9	999.9	30.2	34.
50.1	122.7	14215.6	150.0	-64.1	99.9	222.5	19.7	13.0	14.2	357.9	999.9	99.9	999.9	34.1	35.
53.8	129.7	15317.9	125.0	-69.9	99.9	218.0	15.6	9.6	12.3	368.4	999.9	99.9	999.9	38.2	35.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.0	99.0	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

21 JUNE 1977  
1510 GMT

128 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MP	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	555.0	945.9	27.2	13.8	130.0	10.2	0.0	10.2	305.1	344.6	14.6	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	12.2	771.5	925.0	26.1	19.2	151.5	13.2	0.4	13.2	306.0	347.7	15.4	65.9	0.5	352.
2.3	14.5	1072.7	900.0	22.4	19.0	150.5	13.4	0.1	13.4	304.6	344.2	14.6	76.2	1.8	359.
3.9	15.7	1277.4	875.0	20.1	17.8	179.3	13.2	-0.2	13.2	304.6	344.7	14.8	86.6	3.1	359.
5.2	19.1	1327.6	850.0	18.5	16.6	194.9	13.0	1.1	13.0	305.5	343.9	14.1	88.8	4.1	359.
6.4	21.4	1754.1	825.0	20.9	13.4	190.6	9.0	1.6	8.8	310.6	343.7	11.8	62.2	4.9	1.
7.6	23.9	2052.1	800.0	19.2	11.9	184.8	8.3	0.7	8.3	311.6	342.8	11.1	62.8	5.5	2.
9.5	26.2	2194.8	775.0	17.6	9.2	182.9	7.9	0.4	7.9	312.7	339.7	9.5	57.9	6.1	2.
10.2	28.9	2404.5	750.0	15.6	6.4	208.4	6.7	3.2	5.9	313.5	336.8	8.1	54.4	6.7	3.
11.7	31.5	2701.9	725.0	14.0	2.1	222.4	7.5	5.1	5.5	314.9	333.0	6.2	44.3	7.2	6.
13.3	34.2	3147.2	700.0	12.3	-1.7	224.9	7.4	5.4	5.0	316.1	330.5	4.8	37.7	7.8	9.
14.9	36.9	3400.8	675.0	9.8	-2.0	229.9	6.6	5.1	4.3	316.6	331.4	4.9	43.7	8.3	12.
16.4	39.6	3600.9	650.0	7.4	-5.0	215.0	6.2	3.6	5.1	317.4	327.3	3.2	32.4	8.8	14.
17.9	42.2	4124.1	625.0	4.5	-12.2	193.6	8.7	2.0	8.4	317.6	324.8	2.3	27.2	9.4	15.
19.4	45.2	4454.3	600.0	2.1	-15.2	195.8	10.2	1.0	10.1	319.6	324.1	1.7	23.2	10.3	14.
21.1	48.3	4797.8	575.0	0.4	-17.9	193.9	11.5	2.8	11.2	320.4	325.7	1.6	23.8	11.4	14.
22.9	51.1	5152.3	550.0	-2.4	-17.3	193.8	11.9	3.8	11.3	321.2	327.0	1.8	30.8	12.6	14.
24.6	54.3	5519.7	525.0	-5.7	-19.4	202.6	11.4	4.4	10.5	321.6	327.1	1.7	35.1	13.8	15.
24.4	57.4	5900.7	500.0	-7.8	-17.2	166.2	12.4	3.5	11.9	323.6	330.1	2.0	47.3	15.1	15.
28.2	60.7	6298.2	475.0	-10.2	-11.6	202.6	11.3	4.3	10.4	325.4	336.0	3.3	89.9	16.4	15.
30.3	64.3	6713.9	450.0	-11.5	-15.8	197.4	13.8	4.1	13.1	329.4	336.5	2.5	72.2	17.9	16.
32.2	67.6	7160.7	425.0	-13.5	-19.3	223.3	11.2	7.7	9.1	331.7	338.2	2.0	61.7	19.3	16.
34.3	71.1	7509.9	400.0	-17.1	-23.9	242.2	9.4	8.3	4.4	332.8	337.5	1.4	55.4	20.4	19.
36.2	75.0	8090.0	375.0	-20.3	-26.5	237.0	8.4	7.0	4.6	334.8	338.9	1.2	57.4	21.1	21.
38.4	79.2	8597.8	350.0	-24.0	-32.3	237.2	10.4	8.8	5.7	336.5	339.1	0.7	45.8	22.2	23.
40.5	83.2	9135.1	325.0	-27.5	-36.7	223.0	12.0	8.2	8.8	338.7	340.6	0.5	41.0	23.3	24.
42.5	87.4	9705.5	300.0	-32.5	-40.0	224.7	11.2	7.9	8.0	339.5	341.0	0.4	46.6	24.7	25.
44.5	92.0	10312.1	275.0	-37.1	-44.7	219.7	12.0	8.7	10.8	341.5	342.5	0.3	44.4	26.1	26.
46.9	96.3	10946.1	250.0	-41.9	-49.9	224.9	16.4	11.5	11.6	343.7	343.7	99.9	999.9	28.3	27.
49.7	101.8	11640.2	225.0	-47.4	-55.9	218.1	15.4	9.5	12.1	345.9	345.9	99.9	999.9	30.7	29.
52.6	107.5	12479.4	200.0	-52.3	-59.9	217.8	12.7	7.8	10.0	350.0	349.9	99.9	999.9	33.4	29.
55.4	113.5	13287.8	175.0	-59.5	-65.9	207.8	11.1	5.2	9.9	351.7	349.9	99.9	999.9	35.3	29.
58.7	119.8	14237.8	150.0	-65.7	-69.4	224.0	12.0	8.3	8.7	356.9	349.9	99.9	999.9	37.2	30.
61.8	127.0	15329.0	125.0	-71.5	-75.9	235.9	15.2	12.6	3.5	365.5	349.9	99.9	999.9	39.9	31.
65.1	135.0	16642.6	100.0	-72.5	-79.6	239.9	99.9	99.9	99.9	387.7	349.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

21 JUNE 1977  
1500 GMT

121 97. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	781.0	925.0	23.9	19.8	200.0	4.1	1.4	3.9	303.8	346.6	16.0	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	14.4	1021.0	900.0	22.4	18.7	999.9	99.9	99.9	99.9	304.6	345.8	15.3	79.6	999.9	999.9
1.0	15.4	1266.2	875.0	20.1	18.1	999.9	99.9	99.9	99.9	304.6	345.6	15.2	88.8	999.9	999.9
2.0	18.6	1515.5	850.0	18.2	17.2	195.7	8.6	0.8	8.5	305.3	345.1	14.7	93.6	1.2	10.
3.1	20.8	1772.6	825.0	16.5	15.5	190.9	11.0	2.0	10.8	306.1	343.1	13.6	93.8	1.9	9.
4.0	23.2	2039.1	800.0	14.8	13.4	188.1	12.2	1.7	12.0	306.9	340.5	12.2	91.7	2.5	10.
5.0	25.5	2306.7	775.0	14.6	9.1	177.3	11.6	-0.5	11.6	309.5	336.3	9.5	70.3	3.2	8.
6.0	27.8	2581.9	750.0	13.4	6.6	176.0	9.6	-0.7	9.6	311.1	334.6	8.2	63.6	3.8	6.
7.4	30.3	2867.0	725.0	11.6	3.3	187.8	12.1	1.6	12.0	312.2	331.7	6.7	56.7	4.8	5.
9.6	33.0	3152.5	700.0	9.6	2.9	187.0	9.9	0.5	9.9	313.1	332.2	6.8	63.1	5.6	6.
9.7	35.4	3441.3	675.0	8.0	1.0	173.4	12.2	-1.4	12.1	314.6	332.6	6.1	61.3	6.3	5.
10.6	37.9	3771.8	650.0	5.8	-0.0	165.1	11.3	-2.9	11.0	315.5	332.9	5.9	66.3	6.9	4.
11.9	40.5	4092.3	625.0	3.8	-3.2	155.0	15.1	-6.4	13.7	316.8	331.4	4.8	59.8	7.7	1.
17.0	43.2	4423.3	600.0	2.3	-7.3	153.9	18.7	-8.2	16.8	318.8	330.1	3.7	49.2	8.9	357.
14.2	46.1	4765.9	575.0	-0.4	-2.7	159.2	13.6	-5.1	12.6	319.5	336.1	5.5	84.4	10.1	354.
15.5	48.1	5121.3	550.0	-1.6	-7.3	128.2	3.3	-2.6	2.1	322.1	334.6	4.0	65.3	10.7	353.
16.9	52.0	5490.0	525.0	-4.4	-9.8	119.6	4.1	-3.6	2.0	323.1	334.0	3.8	66.2	10.7	352.
19.5	55.1	5974.4	500.0	-4.4	-19.9	106.5	2.5	-2.4	0.7	327.7	333.0	1.6	28.5	10.9	350.
19.9	58.1	6274.9	475.0	-6.7	-21.8	229.5	4.6	3.9	2.4	329.7	334.5	1.4	28.8	11.0	350.
21.3	61.4	6696.4	450.0	-10.5	-19.5	237.0	6.4	6.5	-2.0	330.0	336.0	1.8	47.5	11.1	353.
23.0	65.0	7131.1	425.0	-13.4	-22.6	217.5	7.6	4.8	6.2	331.8	336.8	1.5	45.5	10.9	356.
24.5	68.3	7593.6	400.0	-16.1	-33.4	217.4	10.3	6.2	8.2	334.1	336.2	0.6	21.0	11.7	358.
26.1	71.8	8076.1	375.0	-20.0	-41.5	239.1	14.0	12.0	7.2	335.1	336.1	0.3	12.7	12.5	3.
28.0	75.8	8597.5	350.0	-24.1	-42.0	229.5	14.1	10.7	9.2	336.3	337.4	0.3	17.4	13.5	8.
29.7	79.9	9120.3	325.0	-28.0	-40.0	222.8	15.6	10.9	11.7	338.1	339.5	0.4	30.4	14.5	12.
31.5	84.0	9690.8	300.0	-32.0	-65.9	210.8	30.7	15.7	26.4	340.3	340.4	0.0	1.9	17.1	15.
33.3	88.2	10299.9	275.0	-36.2	-73.2	245.3	13.1	11.9	5.5	342.8	342.9	0.0	1.0	19.0	18.
35.5	93.0	10955.4	250.0	-40.5	99.9	272.2	18.0	14.2	11.0	345.9	999.9	99.9	999.9	20.6	22.
37.9	99.0	11667.6	225.0	-46.3	99.9	262.5	16.2	14.4	7.4	347.5	999.9	99.9	999.9	22.0	26.
40.2	103.4	12436.8	200.0	-51.9	99.9	225.6	20.3	14.5	14.2	350.6	999.9	99.9	999.9	24.0	29.
42.8	109.5	13291.6	175.0	-57.6	99.9	234.7	17.3	14.1	10.0	354.9	999.9	99.9	999.9	27.0	30.
45.2	115.6	14257.7	150.0	-61.2	99.9	225.7	15.9	11.4	11.1	364.7	999.9	99.9	999.9	29.5	32.
48.6	123.0	15359.1	125.0	-67.4	99.9	216.9	13.3	8.0	10.7	373.0	999.9	99.9	999.9	32.8	32.
52.3	131.0	16709.0	100.0	-65.7	99.9	999.9	99.9	99.9	99.9	393.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

21 JUNE 1977  
1730 GMT

117 56. 0

TIME MIN	CNTCT	HGT:GMT CM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	472.0	915.7	29.4	18.2	140.0	7.5	-2.6	7.0	310.3	350.6	310.3	14.6	51.0	0.0	0.
99.0	99.0	66.9	1000.0	99.0	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	66.9	975.0	99.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	66.9	950.0	99.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	66.9	925.0	99.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9
0.4	12.0	1022.6	900.0	26.1	15.9	173.1	7.2	-0.9	7.2	308.4	350.6	308.4	15.4	64.4	0.3	1.
1.0	15.0	1270.7	875.0	23.6	19.2	172.4	7.5	-1.0	7.8	308.3	350.2	308.3	15.3	71.7	0.5	358.
2.0	16.5	1537.5	850.0	20.5	17.9	167.2	9.5	-2.1	9.3	307.6	349.7	307.6	15.4	85.2	1.1	384.
3.0	19.0	1781.4	825.0	18.0	17.1	163.0	9.0	-2.6	8.6	307.6	348.7	307.6	15.1	94.5	1.6	351.
4.0	21.0	2035.0	800.0	16.1	15.7	158.9	7.5	-0.0	7.8	308.3	347.4	308.3	14.2	97.6	2.1	350.
5.1	23.7	2314.1	775.0	14.3	6.4	158.7	6.3	2.0	6.0	309.2	331.3	309.2	7.8	99.2	2.6	354.
6.0	25.4	2532.4	750.0	15.1	3.2	155.5	5.1	1.4	4.9	313.0	331.8	313.0	6.5	44.9	2.9	356.
6.9	27.5	2752.7	725.0	13.3	2.9	216.4	4.1	2.4	3.3	315.1	333.3	315.1	6.6	49.3	3.1	358.
7.3	29.0	3000.0	700.0	10.5	2.3	223.7	4.4	3.0	3.2	315.1	333.3	315.1	6.5	57.1	3.2	2.
8.4	32.3	3275.1	675.0	3.3	1.2	193.0	4.7	1.4	4.4	314.9	333.2	314.9	6.2	61.0	3.5	4.
9.5	34.3	3496.1	650.0	6.1	0.4	182.9	4.6	0.2	4.8	315.9	333.9	315.9	6.1	66.8	3.8	4.
11.0	37.1	3722.7	625.0	4.1	-1.2	168.3	5.2	1.6	4.9	317.1	333.9	317.1	5.6	68.5	4.1	4.
12.1	39.2	3959.3	600.0	2.7	-3.5	202.2	6.0	2.3	5.6	319.3	334.3	319.3	5.0	63.7	4.5	7.
13.7	42.2	4211.7	575.0	0.7	-8.4	186.4	4.8	0.5	4.7	320.8	331.7	320.8	3.5	50.5	4.9	7.
14.6	45.1	4474.3	550.0	-4.9	-13.4	170.3	2.7	0.5	3.3	321.7	330.9	321.7	2.6	48.6	5.2	7.
15.0	45.0	4735.4	525.0	-4.9	-11.4	170.3	2.7	-0.5	2.7	323.7	330.9	323.7	2.6	50.9	5.4	7.
17.2	50.7	5009.1	500.0	-7.2	-11.9	157.6	5.1	-2.0	4.7	324.3	334.1	324.3	3.1	65.2	5.6	5.
19.6	53.8	5293.4	475.0	-9.5	-14.3	177.4	5.2	-0.4	9.2	325.3	334.9	325.3	2.7	67.9	6.2	4.
19.9	54.7	5512.7	450.0	-12.0	-17.1	164.8	9.9	0.7	8.9	325.2	335.5	325.2	2.2	65.6	6.8	4.
21.4	60.0	5737.9	425.0	-14.8	-19.5	205.4	10.2	4.4	9.2	330.0	336.4	330.0	1.9	66.2	7.7	5.
22.9	67.4	5955.1	400.0	-17.6	-22.7	221.3	13.0	8.5	9.3	335.1	337.3	335.1	1.5	63.9	8.6	8.
24.5	65.9	6075.7	375.0	-20.8	-25.4	221.2	14.5	9.5	10.9	338.1	338.5	338.1	1.3	66.4	9.7	13.
25.3	70.5	6491.9	350.0	-24.6	-30.4	217.6	17.6	9.5	14.8	335.6	338.7	335.6	0.9	58.7	11.3	16.
29.1	74.3	6915.9	325.0	-28.8	-36.8	211.1	16.2	8.4	13.9	337.0	338.6	337.0	0.5	45.8	13.1	19.
29.8	78.5	6946.2	300.0	-32.0	-50.8	216.7	18.3	10.9	14.7	340.2	340.7	340.2	0.1	13.8	14.9	20.
31.8	92.7	10204.7	275.0	-36.3	-51.4	223.1	17.9	12.2	13.0	341.9	342.4	341.9	0.1	20.1	16.9	23.
33.9	87.0	10674.4	250.0	-41.9	99.5	226.6	13.5	13.4	12.7	343.8	999.9	343.8	99.9	999.9	19.0	25.
36.0	92.0	11457.9	225.0	-46.1	99.9	223.8	18.6	12.9	13.5	347.8	999.9	347.8	99.9	955.9	21.2	28.
38.7	97.4	12327.5	200.0	-52.2	99.9	212.3	21.2	11.3	17.9	350.1	999.9	350.1	99.9	995.9	24.4	29.
41.6	102.3	13279.0	175.0	-58.5	99.9	217.9	18.0	11.1	14.2	353.2	999.9	353.2	99.9	959.9	28.0	29.
43.7	105.8	14226.6	150.0	-64.9	99.9	225.2	20.4	13.7	15.1	358.2	999.9	358.2	99.9	959.9	31.6	31.
48.5	117.0	15726.7	125.0	-70.5	99.9	227.9	19.0	14.1	12.8	367.3	999.9	367.3	99.9	999.9	36.3	32.
52.5	125.7	16445.2	100.0	-68.4	99.9	99.9	99.9	99.9	99.9	392.8	999.9	392.8	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
PCST, TEXAS

21 JUNE 1977  
1800 GMT

126 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.3	771.0	927.5	29.7	23.6	190.0	5.3	0.9	5.2	309.4	364.7	20.3	70.0	0.0	0.
99.9	99.9	1000.0	950.0	69.9	95.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	13.2	795.0	925.0	29.0	21.3	999.9	99.9	99.9	99.9	308.0	356.7	17.9	67.0	999.9	999.9
0.9	14.8	1035.7	900.0	22.9	15.8	999.9	99.9	99.9	99.9	305.0	339.5	12.7	64.8	999.9	999.9
2.4	17.3	1281.0	875.0	20.6	15.4	192.6	8.7	1.9	8.5	305.2	339.8	12.7	72.0	1.3	12.
3.4	19.8	1571.2	850.0	19.0	15.4	193.6	5.1	1.2	4.9	305.0	340.6	1.1	84.5	1.8	12.
4.5	22.2	1786.9	825.0	15.5	14.1	196.3	9.9	2.5	8.4	305.0	338.8	12.4	51.3	2.2	12.
5.4	24.7	2048.2	800.0	13.7	12.5	196.6	10.5	3.0	10.1	305.7	337.2	11.5	52.3	2.8	14.
6.4	27.3	2316.0	775.0	11.9	10.6	190.2	9.5	1.7	9.4	306.6	335.6	10.5	51.8	3.3	14.
7.4	30.1	2589.9	750.0	10.3	0.6	173.5	9.4	-1.1	9.3	307.8	323.2	5.4	50.9	3.9	12.
8.5	32.8	2873.4	725.0	11.0	0.9	157.6	8.4	-3.2	7.7	311.5	328.1	5.7	50.0	4.5	9.
9.7	35.4	3144.7	700.0	8.6*	0.9	145.5	8.1	-4.4	6.7	312.0	328.1	99.9	999.9	4.9	4.
10.8	39.2	3464.5	675.0	6.6	-1.2	133.3	5.8	-4.2	4.0	313.0	328.2	5.2	57.1	5.3	1.
12.0	40.9	3773.3	650.0	3.9	-2.1	118.1	4.7	-4.1	2.2	313.4	328.3	5.1	64.7	5.4	358.
13.2	43.9	4090.8	625.0	1.0	-2.7	132.2	6.3	-4.7	4.2	313.6	328.6	5.0	76.2	5.6	355.
14.4	46.9	4418.0	600.0	-1.8	-5.7	141.6	10.3	-6.4	9.1	314.0	326.6	4.2	75.1	6.1	351.
15.7	49.9	4756.8	575.0	-2.3	-25.8	149.5	13.4	-6.8	11.5	317.3	320.0	0.8	14.5	7.0	348.
17.2	52.9	5107.7	550.0	-5.1	-25.1	154.9	14.4	-6.1	13.0	318.0	321.1	0.9	15.4	8.3	346.
19.6	55.9	5471.4	525.0	-7.7	-12.0	164.7	10.5	-2.8	10.1	319.2	328.3	2.9	71.2	9.4	345.
21.7	62.6	5845.9	475.0	-10.2	-20.1	227.5	4.4	3.2	2.9	322.0	330.4	1.6	44.2	10.1	345.
23.3	65.9	6261.4	450.0	-12.6	-22.6	237.9	9.0	7.6	4.8	327.4	332.1	1.4	42.6	10.6	349.
25.0	69.4	7056.2	425.0	-15.4	-25.1	241.0	10.6	9.2	5.1	329.2	333.2	1.2	43.0	11.1	354.
26.8	73.0	7450.4	400.0	-19.3	-27.5	235.6	10.9	9.0	6.2	329.9	333.3	1.0	47.8	11.5	359.
28.6	76.9	8077.8	375.0	-23.7	-30.9	224.7	14.1	10.3	9.7	331.6	334.3	0.8	47.0	12.5	4.
30.6	80.6	8339.9	350.0	-26.8	-32.7	221.1	15.7	10.3	11.8	332.7	335.1	0.7	57.2	13.9	9.
32.6	84.6	9059.9	325.0	-31.0	-36.3	221.7	18.0	12.0	13.5	334.0	335.9	0.5	59.6	15.6	13.
34.9	88.8	9827.9	300.0	-34.4	-45.5	233.7	17.4	14.0	10.3	336.8	337.7	0.2	31.2	17.7	17.
37.2	91.4	10226.1	275.0	-39.3	-49.9	231.1	17.6	13.7	11.1	338.3	339.9	99.9	999.9	19.7	22.
39.6	98.0	10871.8	250.0	-44.1	-49.9	232.1	19.4	15.3	12.0	340.4	340.4	99.9	999.9	22.1	25.
42.5	103.0	11570.7	225.0	-49.3	-49.9	224.6	21.7	15.2	15.4	343.0	343.0	99.9	999.9	25.2	28.
45.4	109.5	12376.2	200.0	-54.0	-49.9	212.4	23.0	12.3	19.4	347.2	347.2	99.9	999.9	29.1	30.
48.4	114.2	13179.7	175.0	-60.6	-49.9	217.2	20.5	12.4	14.3	350.0	350.0	99.9	999.9	33.0	30.
52.1	120.8	14124.4	150.0	-67.2	-49.9	219.7	24.5	15.7	18.9	354.4	354.4	99.9	999.9	37.8	31.
56.7	129.0	15171.6	125.0	-70.4	-49.9	223.5	17.3	13.0	11.5	367.5	367.5	99.9	999.9	43.2	33.
60.7	135.0	16527.4	100.0	-68.5	-49.9	559.9	99.9	99.9	99.9	395.4	395.4	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

21 JUNE 1977  
1828 GMT

120 97. 0

TIME MIN	CNTC	HEIGHT GPU	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	525.0	947.2	31.9	19.2	190.0	10.2	0.0	10.2	309.9	351.1	15.0	47.0	0.0	0.
09.9	95.0	509.9	1000.0	39.9	39.9	99.0	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	975.0	39.9	39.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	99.9	609.9	950.0	39.9	39.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
1.2	11.8	765.7	625.0	27.6	16.9	181.0	0.2	0.2	10.0	307.5	342.8	13.2	52.0	0.6	356.
2.7	14.0	1079.1	900.0	25.6	15.9	180.9	0.1	0.1	10.2	307.9	342.8	12.7	54.5	1.5	360.
5.1	15.0	1244.6	875.0	23.3	15.4	185.4	1.2	1.2	10.6	308.0	343.0	12.7	61.0	3.0	3.
6.3	15.3	1579.5	850.0	21.2	14.6	190.1	1.6	1.6	9.0	308.4	342.6	12.4	65.2	3.8	3.
7.6	20.5	1797.9	825.0	18.9	14.5	192.0	1.9	1.9	9.2	308.5	343.7	12.7	76.1	4.5	5.
8.6	21.5	2041.8	800.0	16.4	14.2	195.0	0.9	0.9	10.0	308.7	343.2	12.9	86.4	5.2	5.
9.7	25.2	2332.3	775.0	14.3	12.5	198.2	0.6	0.6	10.0	309.2	343.1	12.2	91.1	5.7	5.
10.9	27.5	2609.2	750.0	11.9	6.2	193.8	0.5	0.5	9.4	309.5	333.1	8.3	70.1	6.5	4.
12.2	30.0	2894.2	725.0	13.2	3.6	198.0	2.1	2.1	8.5	313.9	333.9	6.9	52.2	7.1	5.
13.3	32.0	3199.5	700.0	10.6	1.2	192.0	1.8	1.8	8.7	314.2	332.0	6.1	52.7	7.7	6.
14.5	35.2	3460.7	675.0	8.8	-3.6	187.4	1.3	1.3	10.0	315.5	328.7	4.4	41.5	8.3	6.
15.6	37.5	3702.1	650.0	6.7	-9.4	184.9	1.1	1.1	12.6	316.6	326.3	3.2	33.3	9.1	6.
16.7	40.7	4122.6	625.0	3.6	-13.6	174.7	1.1	1.1	11.5	315.6	323.4	2.1	27.0	9.9	6.
18.0	43.0	4452.5	600.0	1.9	-20.4	179.0	-0.2	-0.2	11.0	319.3	322.4	1.3	17.3	10.7	5.
19.2	45.9	4794.1	575.0	-0.4	-22.0	192.7	2.3	2.3	12.1	319.5	323.3	1.1	17.6	11.7	5.
20.7	48.4	5147.7	550.0	-3.1	-23.3	201.9	3.8	3.8	9.5	320.4	323.9	1.1	19.2	12.6	5.
22.3	51.5	5514.8	525.0	-4.9	-22.7	216.5	5.2	5.2	7.1	323.5	326.6	1.2	24.7	13.4	7.
23.8	54.6	5907.1	500.0	-7.1	-10.1	206.4	3.7	3.7	8.1	324.5	335.7	3.6	78.9	14.1	8.
25.2	57.6	6296.0	475.0	-9.7	-14.7	209.3	3.5	3.5	7.1	327.2	335.5	2.6	61.2	14.8	9.
26.6	60.9	6713.0	450.0	-11.7	-16.3	211.0	5.1	5.1	9.5	329.0	336.8	2.4	66.5	15.5	10.
28.1	64.7	7148.2	425.0	-14.7	-18.9	221.2	6.4	6.4	7.3	330.1	336.9	2.0	70.9	16.3	11.
29.6	67.2	7604.5	400.0	-17.8	-21.2	237.0	7.9	7.9	5.1	331.9	336.8	1.5	61.9	17.2	13.
31.5	71.0	8095.2	375.0	-21.1	-25.1	233.4	9.5	9.5	7.1	333.7	338.3	1.3	70.0	17.9	16.
33.6	74.0	8591.9	350.0	-24.5	-30.0	224.6	9.1	9.1	9.3	335.7	338.9	0.9	60.2	19.2	18.
35.7	79.0	9127.7	325.0	-27.9	-35.0	231.0	10.9	10.9	8.8	339.3	340.3	0.5	45.3	20.7	20.
37.6	82.8	9698.0	300.0	-31.9	-42.1	235.5	13.0	13.0	8.9	340.6	341.7	0.3	35.1	22.1	23.
39.9	87.2	10305.9	275.0	-34.3	-64.4	235.2	11.8	11.8	8.2	342.6	342.7	0.0	3.8	24.0	26.
41.8	91.8	10950.6	250.0	-41.3	99.9	231.1	8.9	8.9	7.2	344.6	999.9	99.9	999.9	25.2	27.
44.1	96.5	11647.5	225.0	-46.8	99.9	217.3	8.2	8.2	10.7	345.7	999.9	99.9	999.9	26.8	28.
46.6	101.8	12477.3	200.0	-52.5	99.9	210.5	11.5	11.5	14.1	349.6	999.9	99.9	999.9	29.3	29.
49.0	107.6	13387.0	175.0	-59.4	99.9	223.0	13.5	13.5	12.1	351.9	999.9	99.9	999.9	31.7	30.
51.6	113.8	14336.0	150.0	-66.0	99.9	231.3	14.2	14.2	11.4	356.5	999.9	99.9	999.9	34.2	31.
54.5	120.7	15326.7	125.0	-71.5	99.9	231.4	12.7	12.7	10.1	365.5	999.9	99.9	999.9	37.1	33.
58.2	129.0	16442.3	100.0	-85.4	99.9	999.9	99.9	99.9	99.9	393.7	999.9	99.9	999.9	599.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

21 JUNE 1977  
1800 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

114 96. 1

TIME MIN	CNTCT	H FIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	791.0	925.5	25.1	20.0	210.0	4.1	2.0	3.6	306.0	349.6	16.1	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.0	11.6	795.8	925.0	26.1	19.8	999.9	99.9	99.9	99.9	306.0	349.3	16.0	68.6	999.9	999.
0.5	13.5	1027.2	900.0	23.7	16.4	999.9	99.9	99.9	99.9	306.0	342.1	13.2	63.7	999.9	999.
1.5	15.4	1273.5	875.0	21.8	16.7	999.9	99.9	99.9	99.9	306.5	344.3	13.9	72.5	999.9	999.
2.6	17.4	1524.9	850.0	19.5	16.0	195.4	9.8	2.6	9.5	306.6	343.9	13.6	80.0	1.4	15.
3.7	19.5	1772.2	825.0	17.9	14.7	191.3	10.2	2.0	10.0	307.6	342.9	12.9	81.2	2.0	15.
4.7	21.5	2045.9	800.0	16.3	14.2	189.9	10.1	1.5	10.0	308.6	344.2	12.9	87.3	2.7	14.
5.8	23.7	2315.2	775.0	14.2	13.1	187.9	11.8	1.6	11.7	309.1	343.5	12.4	93.1	3.4	13.
6.9	25.8	2592.8	750.0	12.9	1.6	206.8	5.9	2.7	5.2	310.6	327.6	5.8	46.7	4.0	12.
9.0	28.1	2878.7	725.0	13.1	1.6	242.6	5.3	4.7	2.4	313.8	331.2	5.9	45.6	4.2	16.
9.1	30.5	3173.0	700.0	10.9	2.1	241.4	4.5	3.9	2.2	314.6	333.4	6.4	54.6	4.5	18.
10.3	32.9	3475.2	675.0	8.4	0.8	215.3	6.2	3.6	5.0	315.0	332.8	6.0	58.8	4.7	21.
11.5	35.3	3786.5	650.0	6.1	0.9	205.4	10.2	4.4	9.3	315.8	334.4	6.3	69.3	5.3	21.
12.6	37.7	4107.0	625.0	3.5	-0.2	195.5	13.4	3.8	12.8	316.5	334.5	6.1	76.6	6.1	22.
13.7	40.3	4439.1	600.0	2.3	-4.2	191.0	16.0	3.1	15.7	318.8	333.1	4.7	82.1	7.2	20.
14.9	42.8	4780.9	575.0	-0.0	-6.2	201.3	10.6	3.9	9.9	320.0	332.9	4.2	87.4	8.0	19.
16.2	45.6	5176.1	550.0	-2.1	-9.2	207.7	11.4	5.3	10.1	321.6	332.4	3.5	88.4	9.0	20.
17.4	48.4	5594.6	525.0	-4.1	-12.8	221.5	9.4	6.2	7.1	323.6	332.3	2.7	50.6	9.7	21.
19.9	51.1	5997.8	500.0	-6.6	-17.9	234.3	7.8	6.5	4.3	324.9	331.1	1.9	40.1	10.3	23.
20.2	54.1	6296.7	475.0	-9.0	-15.6	232.9	7.6	6.1	4.6	326.8	334.6	2.4	55.1	10.9	25.
21.6	56.9	6703.6	450.0	-11.4	-15.8	221.8	9.8	6.5	7.3	328.9	337.0	2.5	69.7	11.6	26.
23.3	60.1	7140.5	425.0	-13.7	-22.1	231.3	11.8	9.2	7.4	331.4	336.6	1.5	45.0	12.5	28.
25.0	63.5	7599.2	400.0	-16.4	-28.5	230.9	12.3	9.6	7.8	333.7	336.9	0.9	34.0	13.9	30.
26.6	66.9	8081.1	375.0	-20.7	-26.1	231.7	15.7	12.3	9.7	334.2	338.4	1.2	61.3	14.9	32.
28.1	70.3	8588.9	350.0	-23.8	-29.7	215.4	15.7	9.1	12.8	336.6	339.9	0.9	58.3	16.3	33.
29.7	74.0	9124.0	325.0	-27.8	-34.2	226.0	17.6	12.7	12.2	338.4	340.8	0.5	53.9	17.9	33.
31.5	78.0	9686.6	300.0	-31.0	-48.7	227.9	16.6	12.3	11.1	341.6	342.2	0.1	15.6	19.7	35.
31.4	82.0	10307.7	275.0	-35.5	-53.3	229.7	22.3	17.0	14.4	343.7	344.1	0.1	14.1	21.7	36.
35.4	86.3	10967.8	250.0	-40.8	99.9	234.4	21.5	17.4	12.5	345.4	999.9	99.9	999.9	24.3	38.
37.6	91.2	11673.0	225.0	-45.4	99.9	234.8	10.5	8.6	6.1	348.9	999.9	99.9	999.9	26.4	39.
39.8	95.0	12449.8	200.0	-50.8	99.9	220.2	26.9	17.4	20.6	352.3	999.9	99.9	999.9	29.3	39.
42.2	101.6	13305.8	175.0	-57.4	99.9	225.9	20.2	14.5	14.0	355.2	999.9	99.9	999.9	32.7	40.
44.8	108.0	14267.1	150.0	-63.1	99.9	226.0	21.3	15.3	14.8	361.3	999.9	99.9	999.9	35.4	40.
47.6	114.7	15372.2	125.0	-68.5	99.9	224.3	15.2	11.7	11.2	370.9	999.9	99.9	999.9	38.6	41.
50.9	122.5	16704.4	100.0	-67.2	99.9	999.9	99.9	99.9	99.9	398.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

21 JUNE 1977  
1930 GMT

127 96. 0

TIME MIN	CNTCT	HEIGHT FT/M	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	13.2	873.0	515.7	30.6	17.3	153.0	9.2	-4.1	7.1	311.6	350.0	13.8	45.0	0.0	0.
90.0	90.5	50.0	1003.0	59.9	95.9	59.9	99.9	59.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
90.5	90.5	50.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
90.9	90.5	50.0	550.0	59.9	59.9	99.9	99.9	59.9	59.9	99.9	999.9	99.9	999.9	999.9	999.9
90.9	90.5	50.0	525.0	59.9	99.9	99.9	99.9	59.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	14.6	1017.1	502.0	26.4	18.0	152.5	10.0	-3.0	9.5	309.7	348.9	14.6	55.9	0.4	336.
1.5	15.7	1245.4	875.0	23.9	16.6	157.7	9.7	-2.5	9.1	329.6	347.0	12.9	64.5	1.0	338.
3.3	10.1	1519.6	550.0	21.5	15.1	179.6	8.1	-0.1	8.1	304.7	346.4	11.7	71.2	1.4	341.
3.7	21.7	1774.2	825.0	15.9	15.3	175.3	9.0	-0.9	9.5	309.6	345.6	13.4	75.6	1.9	346.
4.5	22.3	2041.4	600.0	14.7	14.5	175.7	7.3	-2.5	7.8	308.5	345.8	13.5	51.5	2.5	342.
5.5	22.3	2111.9	775.0	15.5	14.1	174.7	7.0	-1.2	6.8	310.5	345.6	9.5	64.4	3.1	348.
5.7	22.3	2551.0	750.0	15.0	14.0	174.6	6.4	-2.5	6.5	312.8	345.6	9.0	63.0	3.5	348.
7.8	22.3	2777.5	725.0	12.7	13.7	170.1	5.4	-2.7	4.5	313.4	337.7	8.4	65.9	3.9	346.
9.0	22.3	3171.5	705.0	10.4	14.5	164.2	3.5	-1.0	2.8	314.0	336.0	7.6	66.9	4.2	345.
10.7	22.3	3773.8	675.0	6.7	2.6	211.5	3.0	1.1	2.8	314.9	335.3	7.0	68.6	4.4	346.
11.6	22.3	3782.0	550.0	6.3	2.6	211.5	4.3	1.9	3.8	315.1	335.0	6.4	69.0	4.6	348.
12.9	22.3	4202.2	625.0	4.4	-2.6	207.7	6.4	2.5	5.9	317.5	335.1	5.9	65.8	5.0	351.
14.1	22.3	4737.7	600.0	2.0	-2.7	192.7	7.0	1.5	6.8	319.5	334.3	5.2	70.7	5.4	354.
15.5	22.3	4750.1	575.0	-0.3	-2.1	180.2	8.6	0.0	8.6	319.1	334.1	5.3	84.6	6.1	355.
17.0	22.3	5174.2	550.0	-4.4	-4.6	163.5	9.6	0.3	9.6	320.5	335.6	4.9	82.7	6.9	355.
18.4	22.3	5511.6	525.0	-4.8	-7.5	143.3	9.6	1.4	9.5	322.7	335.6	4.2	81.4	7.7	356.
19.3	22.3	5845.0	500.0	-7.0	-9.5	124.8	8.5	1.3	8.4	324.5	335.9	3.6	75.8	8.5	358.
21.4	22.3	6277.1	475.0	-10.0	-12.2	103.7	6.8	1.6	6.6	325.6	335.6	3.1	83.6	9.1	359.
23.1	22.3	6435.5	450.0	-12.5	-14.9	90.9	10.1	3.6	9.5	327.5	336.2	2.7	82.0	9.9	360.
24.8	22.3	7177.4	425.0	-15.1	-19.7	72.4	11.9	6.4	10.0	329.5	336.3	2.0	73.9	10.9	3.
25.6	22.3	7330.0	400.0	-17.5	-21.9	61.7	14.7	7.7	12.5	332.2	337.8	1.6	68.3	12.2	6.
25.2	22.3	8070.3	375.0	-20.5	-25.6	59.4	16.0	7.3	13.9	334.0	338.3	1.3	65.4	13.6	9.
29.1	22.3	8577.0	350.0	-24.3	-24.0	52.7	17.5	9.5	14.7	336.0	338.2	0.6	39.9	15.4	11.
32.1	22.3	9110.9	325.0	-28.5	-26.5	45.8	16.5	12.3	11.6	337.3	339.2	0.5	36.2	17.3	14.
32.7	22.3	9520.4	300.0	-32.0	-43.2	38.8	19.5	14.5	13.6	340.3	341.3	0.3	31.3	19.2	19.
36.4	22.3	10269.7	275.0	-37.1	-49.2	31.5	20.4	13.5	15.3	341.5	342.1	0.2	26.7	21.5	21.
39.6	22.3	10848.7	250.0	-41.6	99.9	25.7	19.2	13.2	12.5	344.2	999.9	95.9	955.9	24.1	24.
41.1	102.4	11450.4	225.0	-45.7	99.9	21.4	23.4	15.5	17.6	347.0	999.9	99.9	999.9	26.9	26.
43.8	102.4	12421.3	200.0	-53.2	99.9	22.8	20.7	14.1	15.2	348.6	999.9	95.9	995.9	30.3	28.
45.5	115.0	13208.9	175.0	-59.9	99.9	21.1	20.9	13.2	16.2	353.8	999.9	99.9	999.9	33.6	25.
47.5	121.8	14211.6	150.0	-65.8	99.9	21.5	21.5	13.7	16.6	356.8	999.9	99.9	999.9	37.5	30.
53.1	129.3	15712.1	125.0	-71.5	99.9	22.6	21.5	14.9	15.6	365.5	999.9	95.9	955.9	42.2	31.
57.8	177.7	16570.0	100.0	-66.9	99.9	99.9	99.9	99.9	99.9	398.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

21 JUNE 1977  
1930 GMT

116 101. 0

TIME MIN	CNTCT	HEIGHT GOM	PRES MB	TEMP DG C	DEW PT DG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T OG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	771.0	927.5	26.1	21.7	170.0	4.2	-0.7	4.1	305.8	354.3	18.0	77.0	0.0	0.
99.9	99.9	90.9	1000.0	99.9	99.9	95.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	95.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.9	794.9	525.0	26.1*	20.8	999.9	99.9	99.9	99.9	306.0	351.9	17.0	72.6	999.9	999.9
0.8	15.2	1035.9	900.0	22.9	18.5	909.9	99.9	99.9	99.9	305.2	346.0	15.1	76.1	999.9	999.9
1.7	17.4	1291.6	875.0	20.7	17.3	177.1	8.7	-0.4	8.7	305.3	344.2	14.4	80.7	1.0	345.
2.7	19.7	1532.7	850.0	19.4	15.6	189.2	8.4	1.2	8.3	306.5	342.8	13.3	78.4	1.8	352.
3.5	21.4	1790.2	875.0	18.2	14.2	188.9	8.0	1.2	7.9	307.9	342.3	12.5	77.5	2.0	357.
4.9	24.3	2053.7	803.0	15.9	13.1	190.1	9.6	1.5	9.5	308.2	341.3	12.0	83.3	2.6	359.
5.9	26.5	2323.8	775.0	14.2	12.8	185.7	11.1	1.1	11.1	309.1	342.8	12.2	81.5	3.2	1.
6.9	29.0	2601.0	750.0	13.9	7.3	189.8	10.7	-2.1	10.5	311.7	336.2	8.6	64.1	3.8	0.
7.8	31.5	2895.8	725.0	12.3	4.0	167.7	10.6	-2.3	10.4	312.9	333.5	7.1	57.1	4.4	359.
8.8	34.1	3180.1	700.0	9.8	2.9	166.2	11.4	-2.7	11.0	313.4	333.0	6.8	62.0	5.0	357.
8.9	36.5	3481.4	675.0	6.9	2.1	164.1	10.4	-2.8	10.0	313.4	332.7	6.6	71.1	5.8	356.
11.1	39.1	3700.6	650.0	4.1	2.0	165.7	10.3	-2.5	10.0	313.6	333.6	6.9	86.3	6.4	355.
12.3	41.7	4109.1	625.0	1.7	0.5	169.5	13.4	-2.7	13.1	314.4	333.1	6.4	91.9	7.3	354.
14.5	44.4	4437.8	600.0	-0.2	-2.9	172.8	16.3	-2.0	16.1	315.9	331.4	5.2	82.2	8.4	353.
14.7	47.4	4777.8	575.0	-2.4	-4.2	181.5	16.5	0.4	16.6	317.1	333.0	5.3	94.9	9.5	354.
15.5	50.3	5130.5	550.0	-3.5	-4.2	185.9	15.3	1.6	15.8	319.9	335.5	5.1	98.4	10.3	355.
16.3	53.0	5492.9	525.0	-4.1	-4.6	189.1	14.1	2.0	14.0	323.5	339.4	5.2	96.2	11.1	355.
17.3	55.9	5892.3	500.0	-7.3	-12.6	206.0	10.4	4.6	9.4	324.2	333.5	2.9	65.7	11.8	356.
18.9	59.1	6275.3	475.0	-10.7	-19.7	256.3	8.3	8.0	2.0	324.7	330.3	1.7	47.5	12.1	360.
21.1	62.4	6694.2	450.0	-12.5	-18.4	226.6	11.5	8.4	9.0	327.6	334.1	2.0	61.0	12.7	5.
22.7	65.6	7120.0	425.0	-15.2	-23.1	229.1	13.4	10.1	8.8	329.5	334.2	1.4	50.5	13.5	8.
24.1	68.0	7584.4	400.0	-14.2	-25.6	224.8	14.9	10.5	10.6	331.4	335.5	1.2	52.1	14.6	11.
25.8	72.2	8064.3	375.0	-21.2	-28.7	222.2	17.5	11.8	13.0	333.6	336.9	0.9	50.3	15.9	14.
27.5	75.9	8560.8	350.0	-25.0	-32.6	217.5	18.3	11.1	14.5	335.1	337.6	0.7	48.8	17.7	17.
29.6	79.7	9104.8	325.0	-28.6	-40.7	222.7	17.9	12.2	13.2	337.3	338.5	0.3	28.9	19.6	15.
31.6	83.5	9779.7	300.0	-33.0	-48.8	230.4	20.3	15.6	12.9	338.8	339.7	0.2	29.3	21.7	22.
33.8	87.5	10279.7	275.0	-38.0	-58.7	224.9	14.8	10.4	10.5	340.2	340.4	0.0	5.2	24.0	24.
36.2	92.0	10927.8	250.0	-42.6	99.9	223.1	20.9	14.3	15.3	342.8	999.9	99.9	999.9	26.8	26.
39.7	95.6	11632.2	225.0	-47.4	99.9	224.0	22.0	15.3	15.8	345.9	999.9	99.9	999.9	29.7	28.
41.4	101.6	12401.2	200.0	-53.2	99.9	221.3	23.7	15.7	17.8	348.6	999.9	99.9	999.9	33.3	30.
44.5	107.3	13250.1	175.0	-58.9	99.9	216.2	22.1	13.1	17.8	352.7	999.9	99.9	999.9	37.5	30.
47.8	113.0	14202.8	150.0	-65.1	99.9	222.7	24.4	16.5	17.9	358.0	999.9	99.9	999.9	42.1	32.
51.6	119.7	15300.0	125.0	-65.6	99.9	232.4	17.6	13.9	10.7	368.9	999.9	99.9	999.9	47.4	33.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

21 JUNE 1977  
1954 GMT

126 98. 0

TIME MIN	CNCT	HEIGHT CM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.8	85.0	845.2	34.4	13.8	130.0	10.2	0.0	10.2	312.5	353.4	14.7	40.0	0.0	0.
99.9	95.0	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	95.0	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	95.0	99.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	13.0	127.6	925.0	29.2	14.9	179.8	9.5	-2.1	9.5	309.1	361.3	11.6	41.7	0.3	34.6
1.3	15.2	131.0	900.0	26.7	14.5	179.8	9.7	-0.0	9.7	309.1	361.4	11.6	47.0	0.7	34.6
2.0	15.8	134.2	875.0	24.6	13.5	189.1	12.5	2.0	12.7	309.3	360.5	11.2	50.0	1.0	35.5
2.5	21.1	153.7	851.0	22.6	13.1	189.9	12.6	1.3	12.7	309.8	361.3	11.3	55.3	1.5	35.8
3.2	23.9	170.2	825.0	20.2	12.3	189.7	11.0	1.7	10.8	310.0	360.7	11.0	60.2	2.0	1.
4.1	25.7	205.1	800.0	17.6	12.0	189.8	9.7	1.5	9.6	309.9	361.0	11.1	69.8	2.5	3.
5.2	28.0	249.9	775.0	14.9	11.2	189.7	9.2	1.4	9.2	309.7	360.2	10.9	75.4	3.1	4.
5.3	31.6	260.3	750.0	12.5	10.7	189.0	9.6	0.5	8.6	310.3	360.8	10.9	88.3	3.6	4.
7.3	34.2	300.5	725.0	10.3	8.1	189.1	9.6	0.0	9.6	310.8	362.4	9.4	86.2	4.2	4.
9.9	38.9	341.7	700.0	8.2	6.9	189.1	11.2	-0.2	11.4	311.6	367.2	9.0	51.8	5.1	3.
10.3	42.7	340.6	675.0	6.4	-6.6	182.3	9.9	0.4	9.8	312.8	361.9	3.0	33.2	6.1	2.
11.6	42.3	370.6	650.0	6.0	-5.9	189.0	9.6	1.5	9.5	315.9	324.5	2.8	31.0	6.8	3.
12.7	45.3	410.2	625.0	3.4	-12.5	181.7	10.1	0.3	10.1	316.3	323.7	2.3	30.0	7.5	3.
14.0	48.3	449.5	600.0	0.9	-20.8	183.2	11.9	0.8	11.9	319.2	320.9	0.5	11.7	8.3	3.
15.4	51.1	479.2	575.0	-0.7	-30.8	197.7	12.1	2.1	12.0	319.2	320.9	0.5	8.1	9.4	3.
16.5	54.7	513.6	550.0	-2.9	-30.0	235.2	8.8	3.7	7.9	320.6	322.6	0.6	10.2	10.3	4.
18.4	57.3	550.6	525.0	-5.0	-32.6	211.1	8.7	4.5	7.0	322.4	326.4	1.2	23.7	10.9	6.
19.0	60.1	589.7	500.0	-7.2	-33.8	210.5	9.3	4.2	7.1	324.3	332.8	2.6	55.1	11.6	8.
21.4	63.0	628.5	475.0	-8.9	-31.5	203.9	10.0	4.3	8.7	327.0	329.3	0.7	16.0	12.4	9.
23.9	67.1	668.0	450.0	-11.8	-27.4	200.5	10.3	6.7	7.8	329.4	328.6	0.0	16.0	13.3	11.
24.5	70.5	713.9	425.0	-14.7	-26.5	231.9	9.7	7.7	6.0	330.6	334.1	1.0	33.6	14.1	13.
25.1	74.0	750.1	400.0	-15.0	-24.4	236.4	6.8	7.3	4.8	331.7	336.2	1.3	56.9	14.7	15.
27.3	77.9	807.3	375.0	-21.0	-23.9	215.7	11.8	6.9	9.6	333.8	337.0	0.9	48.8	15.6	17.
27.8	81.4	854.8	350.0	-24.2	-24.4	230.7	13.5	8.8	10.2	336.1	338.3	0.6	38.4	17.0	19.
31.3	85.6	917.3	325.0	-27.0	-41.4	231.0	15.1	12.5	10.1	338.2	339.4	0.3	26.1	18.5	22.
34.0	88.8	943.1	300.0	-32.2	-52.1	223.4	15.1	10.3	11.0	330.0	340.4	0.1	11.5	20.3	24.
34.3	94.4	1001.7	275.0	-36.8	-73.7	225.1	14.7	10.6	10.2	342.0	342.0	0.0	95.9	22.4	26.
33.7	98.3	1054.6	250.0	-41.5	99.5	210.6	13.6	9.7	10.5	344.4	999.9	99.9	95.9	24.3	27.
41.4	103.8	1145.8	225.0	-47.1	99.9	214.2	17.9	10.6	14.5	346.3	999.9	99.9	999.9	26.6	28.
44.1	109.2	1241.8	200.0	-53.6	99.9	227.3	18.8	13.8	12.7	347.9	999.9	99.9	999.9	29.5	29.
47.0	114.9	1325.4	175.0	-60.0	99.5	228.3	17.4	13.0	11.5	350.9	999.9	99.9	999.9	32.4	31.
50.5	120.3	1421.2	150.0	-64.0	99.9	231.5	19.0	14.9	11.9	356.5	999.9	99.9	999.9	35.9	33.
54.2	127.8	1530.0	125.0	-71.4	99.5	233.7	12.9	10.4	7.6	358.3	999.9	99.9	999.9	39.3	35.
59.1	135.5	1627.9	100.0	-68.7	99.5	99.9	99.9	99.9	99.9	395.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

21 JUNE 1977  
1930 GMT

129 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.1	781.0	925.0	28.7	17.9	190.0	6.3	1.1	6.2	308.7	347.5	14.1	52.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	14.4	1024.7	900.0	28.5	10.2	999.9	99.9	99.9	99.9	310.9	354.6	15.8	57.4	999.9	999.
1.3	15.5	1273.7	875.0	23.5	15.9	999.9	99.9	99.9	99.9	308.2	344.3	15.1	62.3	999.9	999.
2.0	19.8	1526.4	850.0	21.2	14.9	999.9	99.9	99.9	99.9	308.4	343.3	12.7	67.1	999.9	999.
2.7	21.0	1784.6	825.0	18.9	14.3	999.9	99.9	99.9	99.9	309.6	343.3	12.6	74.6	999.9	999.
3.5	23.5	2048.8	800.0	16.2	14.1	999.9	99.9	99.9	99.9	308.4	343.7	12.8	87.3	999.9	999.
4.6	25.8	2312.0	775.0	14.6	12.7	999.9	99.9	99.9	99.9	309.6	343.0	12.0	88.0	999.9	999.
5.7	28.4	2596.4	750.0	12.8	10.7	182.5	9.3	0.4	9.7	310.4	340.9	10.9	87.3	2.8	7.
6.7	31.1	2881.0	725.0	11.3	8.4	189.2	9.0	1.4	8.9	311.8	339.2	9.6	82.7	3.5	7.
7.7	33.9	3174.2	700.0	10.0	4.8	202.4	5.4	2.0	5.0	313.6	336.0	7.7	69.6	3.9	8.
9.0	36.4	3476.4	675.0	8.4	2.8	198.1	6.4	2.0	6.1	315.1	335.4	7.0	67.7	4.3	9.
10.0	39.3	3787.3	650.0	5.7	-0.1	191.7	8.3	1.7	8.1	315.4	332.8	5.9	66.2	4.7	10.
11.2	42.1	4107.3	625.0	3.3	-6.2	187.9	11.0	1.5	10.9	316.3	328.0	3.9	49.6	5.4	10.
12.5	45.3	4437.3	600.0	1.1	-11.2	194.8	10.5	2.7	10.1	317.4	326.0	2.8	40.0	6.3	10.
13.9	48.4	4779.0	575.0	-0.2	-18.8	194.8	12.8	3.3	12.3	319.8	324.7	1.5	23.6	7.1	10.
15.4	51.4	5133.1	550.0	-2.8	-7.8	199.4	14.1	4.7	13.3	320.8	332.8	3.9	68.7	8.5	11.
16.8	54.9	5500.7	525.0	-5.0	-8.8	212.1	9.4	5.0	8.0	322.4	334.1	3.8	75.0	9.4	13.
18.3	58.1	5882.6	500.0	-7.4	-12.9	212.2	9.0	5.1	8.1	324.0	333.1	2.8	64.5	10.2	14.
19.7	61.9	6290.9	475.0	-9.8	-10.8	212.2	8.4	4.5	7.1	325.9	337.4	3.6	64.5	10.9	16.
21.2	65.5	6697.2	450.0	-12.0	-15.6	208.0	13.4	6.3	11.8	329.1	336.3	2.5	74.7	11.9	17.
22.7	69.3	7113.0	425.0	-14.5	-20.6	224.6	9.7	6.1	5.2	330.4	336.3	1.7	55.6	12.8	18.
24.4	73.3	7590.5	400.0	-17.2	-23.1	227.0	11.4	8.4	7.8	332.7	337.7	1.5	55.5	13.8	20.
26.1	77.6	8071.5	375.0	-20.8	-25.8	217.7	16.9	10.3	13.4	334.1	338.4	1.2	64.1	15.0	22.
27.8	81.8	8579.1	350.0	-23.7	-29.9	215.9	17.7	10.4	14.3	336.8	340.1	0.9	55.4	16.8	24.
29.6	86.3	9116.0	325.0	-27.9	-40.6	227.8	18.7	13.8	12.6	338.3	339.6	0.3	29.0	18.8	25.
31.5	91.2	9687.3	300.0	-31.7	-46.3	234.8	15.9	13.0	9.2	340.7	341.4	0.2	21.9	20.3	28.
33.5	96.2	10296.8	275.0	-36.5	-49.7	227.1	19.0	13.9	12.9	342.3	342.8	0.1	24.0	22.5	30.
35.6	101.4	10960.5	250.0	-41.7	99.9	229.3	17.9	13.4	11.9	344.0	999.9	99.9	999.9	24.9	32.
37.7	107.0	11656.8	225.0	-46.5	99.9	227.5	19.2	14.2	13.0	347.1	999.9	99.9	999.9	26.9	33.
40.1	113.0	12470.9	200.0	-51.2	99.9	222.3	29.2	19.6	21.6	351.7	999.9	99.9	999.9	31.5	35.
42.7	119.3	13296.1	175.0	-58.0	99.9	213.9	15.6	8.7	13.0	354.2	999.9	99.9	999.9	33.9	35.
45.4	125.0	14242.6	150.0	-64.2	99.9	224.5	40.8	28.6	29.1	359.5	999.9	99.9	999.9	38.8	35.
48.5	133.3	15248.0	125.0	-67.8	99.9	245.5	13.5	12.3	5.6	372.7	999.9	99.9	999.9	43.6	37.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

21 JUNE 1977  
2100 GMT

123 102. 0

TIME MIN.	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DS	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	873.0	913.3	31.1	17.4	140.0	12.3	-7.9	9.4	312.3	351.0	13.9	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	14.5	1007.6	900.0	24.5	14.2	152.1	13.3	-6.2	11.7	308.9	344.9	13.1	53.3	0.4	335.
1.7	16.7	1051.0	875.0	24.7	14.6	152.2	11.0	-5.2	10.2	309.0	344.7	12.9	58.6	1.2	333.
3.0	19.1	1094.1	850.0	21.8	14.7	155.7	12.0	-5.2	11.5	309.0	343.6	12.5	64.1	2.1	334.
4.2	21.4	1144.1	825.0	19.9	14.0	152.1	11.7	-5.4	10.3	309.6	343.9	12.3	69.0	3.0	334.
5.3	24.0	1205.6	800.0	17.0	13.0	153.5	9.1	-4.1	8.2	309.3	342.4	11.9	77.1	3.7	334.
6.3	26.7	1269.7	775.0	15.3	10.8	156.7	9.0	-3.5	8.3	310.3	340.0	10.6	74.3	4.2	334.
7.3	29.0	1337.4	750.0	13.7	9.4	171.6	5.9	-0.9	5.9	311.4	337.8	9.3	70.3	4.7	334.
8.4	31.7	1407.3	725.0	12.5	4.7	175.4	6.2	-0.5	5.1	313.3	334.9	7.4	56.5	5.1	336.
9.6	34.5	1477.7	700.0	10.9	3.2	176.4	5.4	-0.3	5.4	314.4	334.6	6.9	59.5	5.4	338.
10.5	37.1	1550.9	675.0	8.1	0.9	173.4	6.8	-1.4	6.7	314.7	332.6	6.1	60.7	5.9	339.
12.1	40.0	1620.5	650.0	6.0	0.0	169.2	6.1	-1.1	6.0	315.8	333.3	5.9	65.3	6.3	339.
13.2	42.5	1691.1	625.0	3.7	-0.3	171.2	5.9	-0.9	5.8	316.7	334.6	6.0	75.5	6.7	340.
14.4	45.6	1764.1	600.0	0.7	-1.2	175.5	6.0	-0.4	6.0	317.0	334.5	5.9	87.1	7.1	341.
15.5	48.6	1842.7	575.0	-1.5	-2.4	177.7	6.7	-0.3	6.7	318.1	334.9	5.6	94.4	7.6	342.
15.9	51.5	1915.9	550.0	-3.9	-4.7	183.6	7.6	0.5	7.6	319.5	334.4	4.9	94.4	8.1	343.
19.5	54.5	2001.1	525.0	-6.7	-11.4	193.3	9.9	2.3	9.6	320.4	329.9	3.0	65.2	8.9	346.
20.1	57.3	2082.5	500.0	-7.2	-14.4	199.3	8.7	1.3	8.6	324.3	332.3	2.5	56.3	9.7	348.
21.4	61.1	2161.0	475.0	-9.2	-14.6	211.1	9.3	4.5	8.0	326.7	335.0	2.6	64.3	10.4	350.
23.1	64.7	2247.7	450.0	-11.5	-17.4	219.4	9.9	6.3	7.7	328.9	335.9	2.2	61.3	11.0	353.
24.7	68.1	2334.1	425.0	-14.1	-20.0	215.1	10.1	5.9	8.1	330.8	337.0	1.8	60.7	11.6	357.
26.5	71.7	2421.5	400.0	-17.9	-21.9	212.7	11.1	6.0	9.4	331.9	337.5	1.6	69.9	12.6	360.
29.2	75.6	2512.2	375.0	-20.7	-27.5	222.1	11.0	7.3	9.1	334.3	338.0	1.1	53.9	13.6	3.
30.2	79.7	2609.5	350.0	-24.5	-30.7	235.8	13.2	10.9	7.4	335.6	338.6	0.8	56.6	14.6	7.
32.6	83.7	2704.7	325.0	-27.8	-34.2	241.0	16.6	14.6	8.1	338.4	340.7	0.6	53.8	15.8	13.
34.7	87.3	2805.8	300.0	-31.7	-41.2	222.1	19.4	13.0	14.4	340.7	342.1	0.3	39.0	17.7	17.
37.0	91.4	2924.6	275.0	-36.2	-44.2	225.5	23.0	16.4	16.1	342.8	343.8	0.3	43.1	20.5	21.
39.3	97.2	3050.3	250.0	-41.5	99.9	224.4	19.5	13.7	14.0	344.4	999.9	99.9	999.9	23.1	24.
41.8	102.7	3175.0	225.0	-47.0	99.9	225.5	23.2	15.5	16.2	346.5	999.9	99.9	999.9	26.2	26.
44.5	109.0	3305.6	200.0	-52.5	99.9	225.3	22.2	15.3	15.7	349.2	999.9	99.9	999.9	29.7	29.
47.5	114.0	3435.8	175.0	-59.4	99.9	221.2	23.1	15.2	17.3	351.9	999.9	99.9	999.9	33.7	31.
50.4	120.5	3570.6	150.0	-66.0	99.9	227.1	21.7	15.9	14.8	356.8	999.9	99.9	999.9	37.6	32.
53.7	127.8	3707.4	125.0	-71.1	99.9	232.1	19.9	15.7	12.2	366.3	999.9	99.9	999.9	41.7	34.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

21 JUNE 1977  
2100 GMT

125 101. 0

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	771.0	929.9	28.3	23.4	150.0	3.2	-1.6	2.8	307.8	361.8	20.0	75.0	0.0	0.
00.9	02.9	52.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	995.5	999.9	999.9
09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
01.1	14.0	817.9	925.0	25.4	17.5	99.9	99.9	99.9	99.9	305.3	343.7	14.1	63.1	999.9	999.9
1.0	16.1	1058.9	900.0	24.3	17.3	99.9	99.9	99.9	99.9	305.6	344.8	14.0	65.0	999.9	999.9
2.2	18.6	1305.2	875.0	19.7	16.2	155.4	9.6	-4.0	8.8	306.3	342.8	13.4	70.8	1.2	335.
3.1	20.9	1554.5	853.3	15.5	16.1	165.3	10.8	-2.8	10.5	305.6	344.1	13.7	81.0	1.8	337.
4.1	23.4	1817.3	825.0	17.3	13.7	177.2	10.7	-0.5	10.7	305.9	340.2	12.1	75.5	2.4	341.
5.3	25.9	2076.0	800.0	15.6	12.8	181.8	10.6	0.3	10.6	307.8	340.1	11.7	63.2	3.1	345.
6.5	28.4	2345.2	775.0	13.6	5.4	193.9	10.0	2.4	9.7	305.4	335.4	9.7	76.1	3.8	350.
7.5	31.1	2621.5	750.0	12.6	7.4	193.9	10.0	2.4	9.7	310.3	334.9	8.7	70.5	4.4	353.
8.5	33.5	2905.6	725.0	10.9	4.2	195.4	10.0	1.5	9.9	311.4	332.0	7.2	63.1	5.0	356.
9.7	36.4	3107.9	700.0	8.9	2.4	171.1	10.1	-1.6	10.0	312.3	331.2	6.5	63.6	5.6	356.
10.9	39.2	3498.6	675.0	8.3	-1.1	162.9	11.1	-3.3	10.6	315.9	330.5	5.3	51.5	6.4	355.
12.3	41.9	3908.6	650.0	5.6	-4.6	167.5	11.1	-2.4	10.9	315.3	327.9	4.2	48.0	7.4	353.
13.7	44.7	4277.8	625.0	2.5	-2.5	183.1	11.0	0.6	11.0	315.3	330.5	5.1	65.2	8.3	353.
15.1	47.9	4454.8	600.0	-0.5	-3.2	201.4	11.1	4.0	10.3	315.4	331.6	5.4	88.9	9.2	352.
16.3	50.8	4796.7	575.0	-2.5	-3.4	208.0	11.3	5.3	10.0	317.1	332.7	5.2	93.2	9.8	357.
17.5	53.9	5149.1	550.0	-5.3	-5.6	217.9	11.4	7.0	9.0	317.8	330.7	4.2	50.6	10.6	0.
18.8	56.9	5512.7	525.0	-7.1	-9.5	223.3	10.7	7.3	7.8	319.9	331.7	3.8	89.6	11.2	3.
20.4	60.3	5892.8	500.0	-8.9	-13.5	218.4	11.4	6.4	6.4	322.1	330.8	2.7	70.0	12.1	6.
22.3	63.7	6299.0	475.0	-10.6	-21.3	221.7	10.8	5.8	9.1	324.9	329.5	1.4	47.0	14.3	11.
24.1	67.0	6703.0	450.0	-12.3	-26.0	221.0	11.0	7.2	8.3	327.7	332.9	1.5	36.6	18.2	19.
25.9	70.6	7135.6	425.0	-15.4	-31.5	227.8	12.7	9.4	9.6	329.2	332.9	1.1	35.6	18.6	17.
27.7	74.3	7503.9	400.0	-18.2	-31.5	227.6	17.1	12.7	11.6	331.3	333.7	0.7	30.0	15.3	13.
29.6	79.2	8077.2	375.0	-21.7	-32.5	224.5	16.5	11.9	12.0	332.9	335.2	0.7	36.6	18.2	19.
31.5	82.0	8577.7	350.0	-25.9	-38.6	229.7	18.5	13.9	12.3	333.9	335.3	0.4	28.8	20.1	22.
33.7	86.0	9110.0	325.0	-29.9	-69.0	232.1	18.2	14.5	11.3	335.6	335.7	0.0	1.0	22.3	25.
35.0	90.4	9676.4	300.0	-33.8	-99.9	228.4	20.5	14.3	14.6	337.8	338.2	0.1	16.3	24.8	28.
38.2	95.0	10279.3	275.0	-39.2	99.9	219.7	21.2	13.5	16.3	338.4	999.9	99.9	999.9	27.6	29.
40.7	99.8	10925.6	250.0	-44.3	99.9	223.1	23.4	17.4	15.6	340.3	999.9	99.9	995.9	30.9	31.
43.5	104.8	11625.5	225.0	-48.4	99.9	225.9	25.7	18.9	17.5	343.4	999.9	99.9	995.9	35.1	33.
46.4	110.2	12391.1	200.0	-54.1	99.9	226.9	22.8	16.7	15.6	347.1	999.9	99.9	995.9	39.4	34.
49.5	116.0	13275.4	175.0	-60.6	99.9	215.3	22.4	13.3	18.1	350.0	999.9	95.9	955.9	43.5	35.
51.0	122.5	14170.4	150.0	-67.6	99.9	223.6	27.3	18.8	19.7	353.7	999.9	99.9	999.9	48.5	35.
57.5	129.7	15270.3	125.0	-49.9	99.9	235.7	12.3	10.3	6.8	368.5	999.9	99.9	955.9	54.2	37.
00.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	995.9	999.9	999.9
09.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.5	999.9	999.9
09.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

21 JUN 1977  
2124 GMT

122 98. 0

TIME MIN	CNTCT	HEIGHT CSM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	685.0	945.1	34.0	15.9	180.0	16.2	0.0	10.2	312.2	346.3	12.2	34.0	0.0	0.
0.0	95.9	685.0	1000.0	55.9	69.9	95.9	99.9	59.9	59.9	99.9	559.9	59.9	99.9	999.9	999.
0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.
0.5	13.2	772.7	995.0	20.3	14.9	999.9	99.9	99.9	99.9	310.3	342.2	11.6	39.3	999.9	999.
1.7	14.3	1023.3	900.0	25.2	14.8	999.9	99.9	99.9	99.9	310.6	343.9	11.9	43.9	999.9	999.
2.6	15.1	1072.6	875.0	25.9	13.6	172.6	10.7	-1.4	10.5	310.7	342.5	11.3	46.7	1.8	344.
3.8	15.4	1307.6	850.0	23.7	13.5	172.8	9.4	-1.1	8.3	311.0	343.3	11.5	52.6	2.4	347.
4.9	20.5	1727.5	825.0	20.9	12.6	175.3	8.5	-0.7	8.4	310.7	342.2	11.2	59.1	2.9	348.
5.0	23.6	2057.4	800.0	14.6	11.6	175.9	8.7	-0.2	8.7	311.0	341.5	10.9	64.0	3.4	350.
7.5	25.0	2305.0	775.0	15.4	10.5	177.7	11.2	1.5	11.1	310.4	340.4	10.7	74.5	4.3	352.
9.5	27.1	2403.1	750.0	13.2	10.4	185.2	10.3	1.0	10.3	310.9	340.8	10.6	82.8	5.0	354.
9.5	29.5	2693.5	725.0	11.7	9.3	179.4	9.7	-0.1	9.7	312.3	339.5	9.6	75.8	5.7	355.
10.6	32.0	3111.7	700.0	9.6	5.1	177.6	9.9	-0.4	9.9	313.1	335.8	7.9	73.4	6.2	358.
11.6	34.6	3481.1	675.0	7.4	2.2	177.9	9.1	-0.3	9.1	313.9	333.5	6.7	65.7	6.9	355.
12.7	36.6	3723.7	650.0	5.6	-0.5	173.5	9.3	-0.3	9.8	315.3	332.1	5.7	64.5	7.4	356.
13.9	39.5	4173.5	625.0	3.2	-3.7	179.5	11.3	-0.1	11.3	316.1	330.1	4.7	60.4	8.2	356.
15.1	42.1	4423.4	600.0	1.5	-11.0	195.0	11.9	1.2	11.5	318.0	326.6	2.8	38.6	9.0	356.
16.4	44.9	4755.0	575.0	-0.6	-13.8	194.8	10.9	2.8	10.5	319.3	326.5	2.3	36.1	10.0	358.
17.7	47.9	5155.9	550.0	-2.3	-14.5	200.6	7.9	7.4	7.4	321.4	326.6	1.6	27.4	10.6	359.
19.1	50.7	5604.9	525.0	-4.7	-17.2	209.3	6.9	3.3	6.0	322.8	328.8	1.9	26.6	11.1	0.
20.5	53.6	6090.7	500.0	-7.0	-19.7	198.5	8.5	2.8	8.0	324.5	332.4	2.4	54.1	11.7	2.
22.0	56.6	6277.9	475.0	-9.1	-30.5	202.5	9.9	3.8	9.2	326.7	329.1	0.7	16.8	12.5	3.
23.6	60.0	6704.9	450.0	-10.8	-36.9	215.6	9.3	5.4	7.5	329.7	331.1	0.4	9.9	13.4	5.
25.2	63.4	7143.3	425.0	-13.5	-39.8	219.9	9.2	5.8	7.2	331.6	332.7	0.3	5.1	14.0	7.
25.9	66.7	7400.2	400.0	-16.9	-45.5	211.2	9.0	4.5	7.4	333.1	337.2	1.2	47.3	14.9	8.
27.4	70.1	8023.7	375.0	-19.9	-50.9	210.4	10.4	5.3	8.7	335.3	338.4	0.8	40.4	15.7	9.
30.0	74.1	8591.7	350.0	-23.7	-53.6	214.5	12.6	11.2	8.0	336.8	339.2	0.6	35.4	16.6	12.
31.8	78.2	9124.5	325.0	-27.9	-62.9	233.8	15.5	12.8	9.4	339.2	339.2	0.3	22.1	17.8	16.
33.8	82.7	9700.0	300.0	-31.3	-61.0	232.8	14.4	11.4	8.7	341.3	341.7	0.1	12.2	19.4	19.
35.8	85.6	10299.9	275.0	-36.5	-55.3	232.5	14.4	11.4	8.7	342.3	342.6	0.1	12.2	20.7	22.
38.1	91.4	10923.5	250.0	-41.9	-49.5	235.8	17.2	12.3	12.0	343.9	339.9	99.9	999.9	22.7	24.
40.4	95.4	11654.3	225.0	-47.3	-42.9	231.8	18.3	11.3	11.3	346.0	339.9	99.9	999.9	25.1	26.
43.4	101.8	12435.7	200.0	-54.2	-39.5	224.4	14.5	12.9	13.2	347.0	339.9	99.9	999.9	27.8	29.
46.4	107.8	13231.1	175.0	-60.1	-34.9	236.4	18.5	15.4	10.3	350.8	339.9	99.9	999.9	31.2	31.
49.8	114.7	14299.1	150.0	-65.9	-29.9	240.1	14.0	11.5	11.5	356.5	339.9	99.9	999.9	34.6	33.
53.5	121.7	15217.6	125.0	-71.5	-24.0	240.1	14.0	12.1	7.0	365.4	339.9	99.9	999.9	38.0	35.
54.5	130.3	15642.9	100.0	-68.0	-19.5	999.9	99.9	99.9	99.9	396.4	339.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

21 JUNE 1977  
2101 GMT

121 94. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	781.0	923.9	31.1	17.4	170.0	5.1	-0.9	5.0	311.2	349.4	13.7	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.7	14.2	1014.7	900.0	28.8	16.6	999.9	99.9	99.9	99.9	309.1	346.5	13.5	54.2	999.9	999.
1.5	15.2	1262.9	875.0	24.6	15.8	909.9	99.9	99.9	99.9	309.4	345.4	13.0	57.9	999.9	999.
2.2	18.5	1517.1	850.0	22.7	15.1	176.4	3.5	-0.5	8.5	310.0	345.7	12.9	62.1	1.1	3.
2.9	20.6	1776.6	825.0	20.0	14.3	171.1	10.0	-1.5	9.8	309.8	344.6	12.5	69.5	1.5	0.
4.0	22.9	2041.6	800.0	17.4	14.2	170.4	10.7	-1.8	10.6	309.7	345.3	12.8	81.4	2.2	356.
4.9	25.3	2312.5	775.0	15.2	12.2	173.1	9.0	-1.0	8.0	310.2	342.6	11.6	81.9	2.6	356.
5.8	27.5	2590.4	750.0	13.2	10.7	168.9	8.8	-1.7	8.6	310.9	341.4	10.9	85.0	3.1	355.
6.8	30.1	2775.3	725.0	11.4	9.8	170.9	8.3	-1.3	8.2	311.9	340.0	9.9	84.1	3.6	354.
7.8	32.7	3149.4	700.0	9.4	6.6	179.5	9.1	-0.1	9.1	312.9	338.1	8.8	82.5	4.1	354.
8.7	35.7	3470.1	675.0	8.1	1.6	187.1	9.6	1.2	9.5	314.7	333.6	6.4	64.0	4.7	355.
9.6	37.8	3791.4	650.0	6.7	-1.9	191.5	10.7	2.1	10.4	316.5	331.9	5.1	54.1	5.1	357.
11.3	40.5	4102.2	625.0	3.8	-5.2	186.6	11.0	1.3	11.5	316.8	328.6	3.9	48.2	6.4	359.
12.6	43.1	4432.9	600.0	2.2	-10.2	192.9	9.1	2.0	8.8	318.7	327.9	2.9	39.2	7.2	360.
13.7	45.0	4775.2	575.0	-0.3	-12.1	205.3	9.0	4.0	8.1	319.7	327.9	2.6	40.2	7.7	1.
14.6	49.0	5124.8	550.0	-3.0	-20.3	203.9	9.1	4.4	8.0	320.5	325.1	1.4	24.9	8.1	3.
15.6	51.8	5495.7	525.0	-5.5	-15.6	207.2	9.9	4.5	8.8	321.9	328.8	2.2	44.5	8.7	5.
16.9	54.9	5977.3	500.0	-7.6	-10.4	215.8	7.6	4.5	6.1	323.8	334.7	3.5	80.4	9.4	7.
18.4	58.0	6276.2	475.0	-9.7	-13.7	224.1	7.3	5.1	5.2	327.2	336.2	2.8	67.2	9.8	9.
19.7	61.3	6624.2	450.0	-10.7	-17.9	234.2	9.1	7.4	5.3	329.8	336.7	2.1	55.4	10.3	11.
21.1	64.8	7171.3	425.0	-13.8	-19.7	231.9	11.2	8.3	6.9	331.3	337.6	1.9	60.8	11.0	14.
22.6	68.1	7598.8	400.0	-18.0	-23.8	220.0	13.4	8.6	10.3	331.7	336.4	1.4	60.0	11.9	17.
24.2	71.7	8060.2	375.0	-20.5	-25.7	213.7	21.2	11.8	17.6	334.5	338.8	1.2	62.8	13.4	19.
26.9	75.7	8577.1	350.0	-23.7	-34.5	230.4	17.8	13.7	11.3	336.8	339.0	0.6	36.7	15.3	21.
27.5	79.7	9114.4	325.0	-27.5	-39.2	246.0	14.9	13.6	6.1	338.8	340.4	0.4	35.0	16.6	25.
29.3	83.7	9624.9	300.0	-32.3	-43.3	233.2	15.9	12.7	9.5	339.9	341.0	0.3	32.1	18.1	28.
31.3	89.0	10293.0	275.0	-36.8	-48.3	223.0	18.1	12.4	13.3	342.0	342.6	0.2	28.6	20.0	30.
37.2	92.6	10945.5	250.0	-41.7	99.9	231.4	19.1	15.0	11.9	344.1	999.9	99.9	999.9	22.0	32.
38.5	97.5	11651.6	225.0	-46.5	99.9	231.0	27.1	21.1	17.1	347.3	999.9	99.9	999.9	25.0	34.
39.0	102.8	12424.6	200.0	-52.2	99.9	233.9	22.2	18.0	13.1	350.1	999.9	99.9	999.9	29.3	36.
40.8	108.8	13276.3	175.0	-58.8	99.9	215.1	23.3	13.4	19.0	352.9	999.9	99.9	999.9	32.2	38.
47.5	115.0	14270.0	150.0	-64.5	99.9	225.0	26.5	18.7	18.8	359.0	999.9	99.9	999.9	36.9	38.
45.5	122.0	15333.5	125.0	-67.4	99.9	224.2	22.6	15.8	16.2	372.9	999.9	99.9	999.9	41.1	39.
50.4	130.0	16671.1	100.0	-63.9	99.9	999.9	99.9	99.9	99.9	404.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

21 JUNE 1977  
2230 GMT

124 125. 0

TIME MIN	CNTC	HEIGH GPV	PRES MB	TEMP DG C	DEW PT DG C	DIR CS	SPEED W/SEC	U COMP W/SEC	V COMP W/SEC	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
9.0	15.0	771.0	925.2	22.7	21.5	180.0	6.2	0.0	6.3	309.6	257.0	17.7	65.0	0.0	0.
99.0	90.0	69.6	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.0	99.0	69.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.0	99.0	69.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	15.0	772.0	925.0	26.7	26.7	999.9	99.9	99.9	99.9	308.9	999.9	99.9	999.9	999.9	999.9
0.2	17.4	1215.2	901.0	17.3	17.3	999.9	99.9	99.9	99.9	309.3	347.9	14.0	55.2	999.9	999.9
1.4	20.1	1241.3	875.0	24.4	15.6	164.9	9.7	-2.5	9.3	309.2	345.2	13.0	58.5	1.0	348.
3.1	22.7	1518.6	850.0	21.9	14.6	163.1	9.1	-2.6	8.7	309.1	343.6	12.5	63.5	1.8	346.
4.4	25.4	1777.4	825.0	19.5	14.5	165.6	9.2	-2.5	9.6	309.2	344.4	12.7	72.8	2.5	345.
5.7	27.9	2022.0	800.0	17.1	13.7	168.0	11.4	-3.1	10.9	309.3	343.9	12.4	80.6	3.3	345.
6.6	30.3	2112.9	775.0	15.3	12.0	171.7	11.8	-2.5	11.6	310.3	342.4	11.5	80.4	4.0	345.
7.4	33.6	2500.9	750.0	13.6	9.2	173.9	12.2	-1.3	12.1	311.3	339.1	9.8	74.9	4.7	346.
8.4	35.1	2476.4	725.0	12.4	4.3	178.0	11.9	-0.4	11.8	311.1	334.7	7.5	55.9	5.3	347.
9.4	39.2	2400.8	700.0	5.8	2.0	183.1	12.2	0.7	12.3	312.3	331.9	6.4	58.4	6.0	345.
10.3	42.1	2400.8	675.0	5.0	0.1	181.4	12.7	0.3	12.7	313.4	330.2	5.7	61.7	6.6	350.
11.7	45.7	2530.4	650.0	5.0	-0.7	182.0	13.1	0.5	13.1	314.6	331.2	5.6	67.1	7.7	352.
13.0	49.3	2692.3	625.0	2.5	-1.7	183.4	11.7	1.7	11.5	315.3	331.4	5.4	73.9	8.7	353.
14.4	51.4	4324.8	600.0	1.1	-11.5	210.4	10.2	5.2	9.9	317.4	329.7	2.7	38.3	9.5	356.
15.8	54.6	4770.1	575.0	-1.0	-6.5	211.3	10.0	5.2	8.5	318.8	329.6	2.5	56.6	10.2	359.
17.1	57.8	5131.9	550.0	-2.2	-4.2	238.4	9.8	4.7	8.6	320.3	335.9	5.1	92.8	10.8	1.
18.4	61.2	5461.5	525.0	-4.9	-4.9	198.6	10.2	3.4	9.6	322.5	336.8	4.6	51.1	11.6	2.
19.7	64.7	5773.8	500.0	-7.2	-6.2	209.6	10.1	5.0	9.8	324.3	336.2	3.8	85.4	12.3	4.
21.2	68.1	6277.4	475.0	-6.7	-14.6	205.4	9.8	4.2	8.9	327.2	335.6	2.6	62.4	13.0	5.
22.7	71.7	6611.4	450.0	-11.0	-16.6	203.9	9.2	4.3	8.8	329.4	336.9	2.3	61.3	14.0	6.
24.4	75.5	7122.1	425.0	-14.2	-19.4	220.5	11.2	7.3	8.5	330.7	337.2	1.9	64.9	14.9	8.
25.1	79.5	7584.0	400.0	-18.0	-22.3	216.5	13.5	8.0	10.8	331.6	337.0	1.6	68.6	15.9	10.
26.1	83.7	8034.9	375.0	-21.7	-25.6	223.0	14.5	9.9	10.6	333.5	337.8	1.2	66.8	17.5	13.
30.1	87.4	8670.0	350.0	-25.1	-28.3	223.5	15.4	10.5	11.2	335.0	337.6	0.7	50.5	19.2	16.
32.0	91.7	9090.0	325.0	-28.8	-30.6	229.5	13.4	10.2	8.7	337.0	340.3	0.9	84.1	20.6	18.
33.9	94.7	9473.4	300.0	-32.7	-34.8	230.3	14.7	11.4	9.4	339.2	341.6	0.7	81.6	21.8	20.
36.2	101.0	10279.6	275.0	-42.2	-42.2	224.5	16.6	11.5	11.8	340.6	341.9	0.3	61.3	23.7	23.
38.6	105.2	10930.2	250.0	-47.4	-47.4	221.7	17.1	17.9	20.4	343.1	999.9	99.9	999.9	26.5	25.
40.6	111.2	11637.8	225.0	-47.9	99.5	222.0	19.0	99.9	99.9	345.1	999.9	99.9	999.9	999.9	999.9
43.1	117.0	12284.7	200.0	-54.5	99.5	999.9	99.9	99.9	99.9	346.3	999.9	99.9	999.9	999.9	999.9
46.3	123.2	12930.9	175.0	-61.3	99.5	999.9	99.9	99.9	99.9	347.7	999.9	99.9	999.9	999.9	999.9
49.9	130.0	14177.4	150.0	-68.3	99.9	999.9	99.9	99.9	99.9	352.4	999.9	99.9	999.9	999.9	999.9
54.3	137.0	15274.1	125.0	-69.0	99.5	999.9	99.9	99.9	99.9	370.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

21 JUNE 1977  
2257 GMT

119 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	585.0	943.9	33.9	18.0	180.0	12.7	0.0	12.7	312.2	351.1	13.9	39.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	12.5	767.0	925.0	32.5	14.0	174.1	12.1	-1.3	12.0	312.5	343.4	10.9	32.7	0.5	341.
1.4	14.4	1012.6	900.0	29.1	12.7	179.1	12.3	-0.2	12.3	311.5	340.6	10.3	36.4	1.1	349.
2.6	16.4	1252.7	875.0	26.4	12.8	178.5	12.0	-0.3	12.0	311.2	341.4	10.7	43.1	1.9	354.
3.7	19.1	1517.3	850.0	23.3	12.3	178.4	11.9	-0.3	11.9	311.1	341.1	10.7	48.5	2.8	355.
5.0	21.2	1777.6	825.0	21.5	11.8	179.8	11.8	-0.0	11.8	311.3	341.3	10.7	54.2	3.7	356.
6.2	23.6	2047.8	800.0	19.3	9.7	175.2	10.4	-0.9	10.4	311.7	338.7	9.5	54.0	4.5	356.
7.1	25.8	2316.2	775.0	16.8	9.5	171.2	10.7	-1.6	10.6	311.9	339.4	9.7	61.9	5.1	356.
8.1	28.2	2594.9	750.0	14.2	8.9	169.0	8.8	-1.7	8.6	312.0	339.3	9.6	70.6	5.7	355.
9.1	30.7	2890.3	725.0	11.6	5.8	169.4	10.5	-1.9	10.3	312.2	335.2	8.0	67.6	6.3	355.
10.1	33.3	3177.4	700.0	9.9	1.7	170.3	10.4	-1.7	10.2	313.5	331.6	6.2	56.5	6.9	354.
11.0	35.7	3474.8	675.0	7.9	-0.2	174.4	10.7	-1.0	10.6	314.4	330.9	5.6	56.9	7.4	354.
12.0	38.3	3785.4	650.0	5.7	-3.5	177.5	11.2	-0.5	11.1	315.4	329.0	4.5	51.5	8.1	354.
13.1	40.8	4105.7	625.0	3.5	-6.4	178.5	12.3	-0.3	12.3	316.5	328.0	3.8	47.9	8.9	355.
14.2	43.6	4435.3	600.0	1.0	-9.2	179.4	13.0	-0.1	13.0	317.3	327.2	3.2	46.4	9.7	355.
15.3	46.7	4776.1	575.0	-1.4	-12.9	184.0	12.5	0.9	12.5	318.4	326.2	2.5	41.0	10.6	355.
16.6	49.3	5128.9	550.0	-2.9	-15.8	190.4	10.3	1.9	10.1	320.7	327.2	2.0	36.3	11.4	356.
18.0	52.0	5497.0	525.0	-3.8	-29.2	190.2	11.6	2.1	11.4	323.9	326.1	0.6	11.7	12.3	357.
19.4	55.1	5890.3	500.0	-6.1	-30.4	197.4	10.5	3.2	10.1	325.6	327.7	0.6	12.4	13.2	359.
20.7	58.0	6270.9	475.0	-9.3	-32.4	204.0	9.9	4.0	9.0	327.8	329.6	0.5	12.1	13.9	360.
22.1	61.3	6694.6	450.0	-10.0	-37.7	213.1	9.6	5.2	9.0	330.6	331.8	0.3	8.2	14.6	1.
23.6	64.7	7135.5	425.0	-13.5	-39.3	213.0	9.6	5.2	8.1	331.7	332.8	0.3	9.2	15.4	3.
25.1	68.0	7593.9	400.0	-17.8	-34.3	201.9	9.0	3.4	8.4	331.9	333.7	0.5	21.9	16.2	4.
27.0	71.3	8075.0	375.0	-19.8	-34.6	204.2	9.7	4.0	8.8	335.3	337.3	0.5	25.5	17.2	5.
28.9	75.1	8592.3	350.0	-24.5	-33.9	220.4	10.5	6.8	9.0	335.8	338.0	0.6	41.1	18.2	7.
30.6	79.1	9118.2	325.0	-28.2	-40.8	237.0	11.1	9.3	6.0	337.8	339.0	0.3	28.5	19.0	9.
32.2	83.0	9688.1	300.0	-32.0	-46.4	238.8	14.1	12.1	7.3	340.3	341.0	0.2	22.1	19.9	12.
34.1	87.3	10297.3	275.0	-36.5	-51.0	234.5	14.6	11.9	8.5	342.3	342.8	0.1	20.5	21.0	15.
36.0	92.0	10950.0	250.0	-42.1	59.9	231.8	15.3	12.1	9.5	343.5	999.9	99.9	999.9	22.5	18.
38.2	96.8	11664.7	225.0	-47.8	99.9	235.8	19.5	16.7	10.1	345.3	999.9	99.9	999.9	24.2	21.
40.4	101.8	12422.0	200.0	-54.0	99.9	240.3	22.3	19.4	11.1	347.2	999.9	99.9	999.9	26.4	25.
43.0	107.8	13255.7	175.0	-61.0	99.9	240.7	21.0	18.3	10.3	349.3	999.9	99.9	999.9	29.2	29.
46.0	113.4	14234.3	150.0	-66.7	99.9	246.7	19.2	16.7	7.2	355.1	999.9	99.9	999.9	32.3	32.
49.7	120.7	15292.9	125.0	-72.3	99.9	239.8	11.7	10.1	5.9	364.1	999.9	99.9	999.9	35.0	36.
54.6	128.3	16419.9	100.0	-67.9	99.9	999.9	99.9	99.9	99.9	366.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

21 JUNE 1977  
2230 GMT

126 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT FT	PRES MB	TEMP DG C	DEP BY DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.6	721.0	923.0	30.0	15.7	190.0	4.7	0.0	4.7	310.2	344.4	12.3	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.5	14.7	1075.4	900.0	28.2	15.1	99.0	97.9	99.9	99.9	310.6	344.5	12.1	45.0	999.9	999.
1.5	16.8	1075.6	875.0	26.5	15.1	99.9	99.9	99.9	99.9	311.3	346.1	12.4	49.5	999.9	999.
2.5	19.2	1070.9	850.0	24.3	14.7	174.0	13.2	-1.4	13.1	311.6	346.6	12.5	54.9	1.9	359.
3.3	21.4	1071.9	825.0	22.0	13.5	173.1	13.3	-1.6	13.2	311.9	346.1	12.2	59.7	2.6	357.
4.2	23.7	2079.7	800.0	19.4	13.2	170.9	12.5	-2.0	12.4	311.9	345.8	12.1	67.4	3.3	356.
5.2	26.2	2071.8	775.0	17.0	12.6	166.1	12.3	-2.9	11.9	312.1	347.9	12.8	80.2	4.0	355.
6.2	28.8	2061.4	750.0	14.6	12.2	167.9	12.5	-2.6	12.3	312.4	346.2	12.0	85.2	4.8	353.
7.3	31.4	2079.0	725.0	12.4	9.4	170.9	10.3	-1.6	10.2	313.3	342.5	10.3	80.7	5.5	353.
8.3	34.1	2072.3	700.0	10.8	6.2	174.6	10.5	-1.0	10.6	314.5	339.1	8.5	73.0	6.1	353.
9.5	36.5	2075.6	675.0	9.2	2.2	170.6	12.7	-2.1	13.6	316.1	335.8	6.7	61.3	7.0	353.
10.7	39.7	1767.8	650.0	7.1	-0.4	174.0	9.7	-1.0	9.6	317.0	334.0	5.7	58.7	7.8	353.
12.0	42.0	4107.2	625.0	4.3	-3.4	178.8	9.5	-0.2	9.6	317.4	331.8	4.8	57.1	8.5	353.
13.5	44.0	4100.7	600.0	2.2	-7.3	177.1	12.8	-0.6	12.2	318.7	330.1	3.7	49.2	9.5	354.
15.3	49.0	4787.3	575.0	0.6	-14.6	182.6	11.3	1.7	11.2	320.7	327.5	2.1	30.8	10.8	354.
16.9	50.9	5173.9	550.0	-2.0	-7.5	196.0	11.7	3.2	11.3	321.7	333.9	4.0	65.8	11.8	356.
18.4	54.0	5077.5	525.0	-4.1	-6.3	197.3	11.0	3.5	11.1	323.5	337.6	4.6	84.9	12.8	358.
20.5	57.1	5891.3	500.0	-5.2	-13.9	195.5	10.8	2.8	10.1	326.7	335.1	2.6	50.6	14.3	360.
22.0	60.5	6297.1	475.0	-7.1	-15.8	200.3	10.8	3.8	10.2	329.2	336.9	2.3	49.9	15.2	1.
23.7	64.0	6712.2	450.0	-9.6*	99.9	212.3	10.8	5.9	9.1	331.1	999.9	99.9	999.9	16.0	2.
25.1	67.4	7150.7	425.0	-13.3*	99.9	226.9	12.0	8.7	8.2	332.0	999.9	99.9	999.9	16.8	5.
25.9	70.0	7600.1	400.0	-16.7*	99.9	220.1	12.5	4.4	12.0	333.3	999.9	99.9	999.9	18.0	7.
28.2	74.4	8000.0	375.0	-19.7*	99.9	204.1	13.2	5.4	12.1	335.5	999.9	99.9	999.9	19.2	7.
29.9	78.0	8590.6	350.0	-22.9*	99.9	240.2	18.4	16.0	9.2	337.9	999.9	99.9	999.9	20.3	10.
31.7	81.0	9138.9	325.0	-26.4*	99.9	235.8	17.4	14.4	9.8	340.3	999.9	99.9	999.9	21.7	14.
33.9	87.7	9717.0	300.0	-30.7*	99.9	235.7	17.0	14.0	9.6	342.1	999.9	99.9	999.9	23.1	17.
36.0	92.7	10725.1	275.0	-35.1*	99.9	229.9	21.3	16.1	14.0	344.4	999.9	99.9	999.9	25.1	20.
38.2	97.0	11737.9	250.0	-40.0	99.9	240.4	18.4	16.0	9.1	346.5	999.9	99.9	999.9	28.5	23.
40.6	102.0	11693.3	225.0	-45.4	99.9	239.1	25.4	21.8	13.0	349.0	999.9	99.9	999.9	30.0	27.
43.2	108.0	12457.5	200.0	-51.5	99.9	229.0	33.7	25.1	22.6	351.2	999.9	99.9	999.9	34.8	31.
46.4	114.0	13722.1	175.0	-57.9	99.9	243.8	24.0	21.6	10.6	354.6	999.9	99.9	999.9	39.1	34.
49.5	121.0	14278.8	150.0	-65.1	99.9	240.2	19.2	16.7	9.5	358.0	999.9	99.9	999.9	43.6	36.
53.1	128.7	15375.4	125.0	-67.8	99.9	223.1	17.2	11.8	12.6	372.2	999.9	99.9	999.9	48.2	38.
57.7	137.0	16714.8	100.0	-64.7	99.9	999.9	99.9	99.9	99.9	402.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

22 JUNE 1977  
0 GMT

119 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	977.0	912.3	30.0	16.8	175.0	10.5	-0.9	10.5	311.2	348.4	13.3	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.3	994.0	900.0	27.4	17.5	999.9	99.9	99.9	99.9	309.7	348.8	14.1	54.9	999.9	999.
1.2	15.4	1243.2	875.0	25.0	16.0	999.9	99.9	99.9	99.9	309.8	346.5	13.2	57.4	999.9	999.
2.0	17.5	1497.0	850.0	22.2	15.5	174.7	14.3	-1.3	14.3	309.4	345.9	13.2	65.8	1.3	355.
2.6	19.7	1756.1	825.0	19.8	13.6	171.0	17.3	-2.7	17.1	309.5	342.9	12.0	67.5	1.9	355.
3.6	21.8	2021.1	800.0	17.7	12.4	164.9	15.5	-4.0	15.0	310.1	342.0	11.4	71.0	2.9	352.
4.8	24.1	2292.4	775.0	15.6	11.3	164.8	16.6	-4.3	16.0	310.6	341.4	10.9	75.3	3.9	350.
5.9	26.3	2570.4	750.0	14.2	9.0	170.0	13.5	-2.3	13.3	312.0	337.7	9.0	66.1	5.0	349.
7.1	28.9	2856.9	725.0	12.6	6.0	175.7	12.3	-0.9	12.3	313.3	336.8	8.2	64.4	5.9	350.
9.1	31.4	3150.9	700.0	10.2	4.3	180.1	11.5	0.0	11.5	313.8	335.5	7.5	66.9	6.6	351.
9.1	33.9	3453.1	675.0	8.9	0.0	178.0	12.5	-0.4	12.5	315.5	332.4	5.7	54.1	7.3	352.
10.0	36.3	3744.6	650.0	6.6	-3.8	171.2	12.9	-2.0	12.7	316.4	329.9	4.4	47.3	8.0	352.
10.9	39.1	4095.1	625.0	3.5	-5.3	165.4	14.0	-3.5	13.5	316.6	329.1	4.1	51.8	8.8	352.
11.8	41.6	4415.2	600.0	0.7	-5.3	165.8	13.2	-3.2	12.8	317.0	330.0	4.3	64.0	9.5	351.
12.8	44.7	4755.8	575.0	-1.9	-6.6	165.9	12.7	-2.9	12.3	317.9	330.3	4.1	69.7	10.2	351.
13.8	47.3	5109.1	550.0	-3.1	-5.6	162.2	12.9	-3.9	12.3	320.4	334.5	4.6	82.8	11.0	350.
15.0	50.2	5477.1	525.0	-4.5	-9.6	162.7	13.5	-4.0	12.9	323.0	334.9	3.8	73.3	11.9	350.
15.7	53.1	5840.4	500.0	-5.8	-9.1	169.3	10.2	-2.1	10.0	324.7	336.7	3.8	63.6	12.9	349.
17.6	55.1	6259.2	475.0	-9.7	-10.1	178.6	9.4	-0.2	9.4	325.9	337.8	3.7	97.7	13.7	350.
19.0	59.4	6675.7	450.0	-11.9	-12.6	185.8	7.5	0.9	7.5	328.4	338.7	3.2	93.8	14.3	350.
20.4	62.9	7111.7	425.0	-14.6	-15.3	196.2	9.0	2.5	8.6	330.3	339.2	2.7	93.9	15.0	351.
22.0	66.3	7560.9	400.0	-16.9	-19.9	208.7	10.0	4.8	8.8	333.1	339.7	2.0	77.5	15.7	353.
23.6	70.0	8051.6	375.0	-20.2	-21.4	226.4	14.8	10.7	10.2	334.9	341.2	1.8	90.1	16.5	355.
25.2	73.7	8541.2	350.0	-22.7	-25.0	249.9	19.6	18.4	6.8	338.2	343.2	1.4	81.6	17.4	1.
27.1	77.9	9100.3	325.0	-26.7	-39.8	259.5	21.0	20.6	4.2	339.9	341.2	0.4	27.5	18.1	8.
29.1	81.9	9673.7	300.0	-30.7	-38.4	253.0	20.1	19.2	5.9	342.1	343.9	0.5	47.3	19.1	15.
30.8	85.2	10236.7	275.0	-35.1	-43.7	254.8	17.8	17.2	4.7	344.4	345.5	0.3	40.7	20.2	19.
32.7	91.0	10912.5	250.0	-40.9	99.9	250.9	20.1	19.0	6.6	345.2	999.9	99.9	999.9	21.5	24.
34.7	95.0	11510.7	225.0	-47.0	99.9	251.3	22.0	20.8	7.1	346.5	999.9	99.9	999.9	23.2	28.
37.5	101.3	12420.3	200.0	-53.1	99.9	240.3	22.9	19.9	11.3	348.7	999.9	99.9	999.9	26.3	33.
42.2	107.5	13266.6	175.0	-60.2	99.9	235.7	21.4	17.7	12.1	350.7	999.9	99.9	999.9	29.7	36.
43.3	114.0	14210.9	150.0	-67.6	99.9	235.3	20.2	16.7	11.5	353.6	999.9	99.9	999.9	33.5	38.
45.9	121.7	15297.8	125.0	-69.2	99.9	229.3	15.4	11.7	10.0	369.8	999.9	99.9	999.9	37.6	40.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
PCST. TEXAS

22 JUNE 1977  
9 GMT

65 367. 0

TIME MIN	CHGCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	771.0	925.2	21.0	20.7	225.0	5.3	3.7	3.7	300.8	345.3	16.9	98.0	0.0	0.
00.9	13.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
01.9	13.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
02.9	09.9	99.9	940.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
03.0	13.5	772.0	925.0	21.1	99.9	999.9	99.9	99.9	99.9	300.9	999.9	99.9	99.9	999.9	999.
04.9	13.5	1012.9	900.0	22.8	15.5	999.9	99.9	99.9	99.9	305.0	340.2	12.5	59.9	999.9	999.
1.9	10.2	1255.8	275.0	22.0	14.5	999.9	99.9	99.9	99.9	306.6	339.5	12.0	62.5	999.9	999.
3.1	21.4	1510.7	450.0	20.4	13.5	999.9	97.3	99.9	99.9	307.6	339.6	11.6	64.6	999.9	999.
4.2	24.1	1747.9	425.0	15.5	11.3	999.9	99.9	99.9	99.9	306.2	334.5	10.3	70.6	999.9	999.
5.3	23.4	2070.0	400.0	15.0	11.1	999.9	99.9	99.9	99.9	307.2	336.1	10.5	77.4	999.9	999.
6.9	28.1	2295.9	775.0	13.5	10.5	999.9	99.9	99.9	99.9	308.3	337.3	10.4	82.3	999.9	999.
8.0	31.4	2572.9	750.0	11.5	5.1	999.9	99.9	99.9	99.9	309.0	331.5	7.9	69.4	999.9	999.
9.1	31.1	2657.5	725.0	9.3	3.6	999.9	99.9	99.9	99.9	309.6	329.3	6.9	67.6	999.9	999.
10.7	31.7	3147.9	700.0	6.7	2.2	999.9	99.9	99.9	99.9	309.9	328.4	6.5	73.4	999.9	999.
11.7	30.4	3445.3	675.0	3.4	0.7	999.9	99.9	99.9	99.9	309.5	326.8	6.0	82.5	999.9	999.
12.9	42.0	3750.9	550.0	1.4	-0.3	999.9	99.9	99.9	99.9	310.6	327.4	5.8	88.6	999.9	999.
13.0	41.0	4046.2	625.0	-0.2	-1.4	161.1	13.1	-4.2	12.4	312.2	328.5	5.6	91.8	11.2	351.
15.1	47.5	4797.1	600.0	-1.5	-2.5	159.5	17.3	-6.1	16.2	314.3	330.1	5.3	93.5	12.8	350.
19.8	50.8	4722.0	575.0	-3.0	-2.0	124.6	6.1	0.5	6.1	316.5	331.3	4.9	92.2	15.4	349.
22.3	52.6	5027.9	550.0	-4.3	-3.4	208.6	6.0	3.1	5.8	319.0	333.1	4.7	92.1	16.3	350.
24.1	55.5	5450.4	525.0	-6.0	-7.2	192.0	12.0	2.6	12.3	321.2	334.3	4.2	90.8	17.1	352.
25.7	53.7	5971.5	500.0	-7.6	-9.1	187.5	20.9	2.7	20.7	323.8	335.8	3.9	89.5	18.6	353.
27.0	43.0	5270.7	475.0	-10.1	-11.5	192.0	22.2	4.5	21.7	325.5	336.1	3.3	89.1	20.2	355.
28.9	50.7	6645.4	450.0	-12.5	-14.0	202.2	24.7	9.3	22.9	327.6	336.9	2.9	87.8	22.6	357.
30.5	60.5	7090.1	425.0	-15.1	-17.0	212.0	19.7	9.7	15.5	329.6	337.4	2.4	85.9	24.5	0.
33.7	73.0	7536.3	400.0	-17.3	-19.9	204.5	19.0	7.9	17.3	331.9	338.5	2.0	83.6	27.7	3.
36.5	75.9	8011.9	375.0	-20.9	-23.6	999.9	99.9	99.9	99.9	333.9	339.1	1.5	78.5	999.9	999.
45.0	80.0	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
49.9	83.0	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
53.9	81.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
58.0	80.0	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
62.0	80.0	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
66.0	80.0	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
70.9	80.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
75.0	80.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
80.9	80.7	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
85.9	80.0	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
90.9	80.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
95.9	80.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	80.0	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	80.0	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 440  
ROBERT LEE, TEXAS

22 JUNE 1977  
23 GMT

127 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	585.0	947.1	30.0	16.8	180.0	7.3	0.0	7.3	308.3	343.8	12.9	45.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.4	757.9	925.0	30.2*	99.9	186.2	9.3	1.0	9.3	310.2	399.9	99.9	999.9	0.4	351.
1.2	13.6	1002.2	903.0	29.4	16.1	185.7	12.1	1.3	13.0	311.8	348.0	12.9	44.5	0.8	358.
2.0	15.7	1252.7	875.0	26.6	15.4	183.6	14.3	0.9	14.3	311.5	347.1	12.7	50.2	1.5	1.
2.9	17.9	1507.8	850.0	23.8	14.2	181.1	14.4	0.3	14.4	311.1	344.9	12.1	54.7	2.2	1.
3.7	20.2	1768.4	825.0	21.5	13.4	179.2	14.1	-0.2	14.1	311.3	344.4	11.8	59.8	3.0	1.
4.6	22.4	2034.8	800.0	19.2	12.1	180.6	12.9	0.1	12.9	311.7	343.3	11.2	63.4	3.8	1.
5.4	24.9	2307.2	775.0	16.6	12.3	175.7	12.5	-0.3	12.5	311.6	344.6	11.7	76.0	4.4	1.
6.1	27.1	2586.1	750.0	13.9	11.9	179.6	12.5	-0.3	12.5	311.6	344.8	11.8	88.4	4.9	0.
7.0	29.7	2871.7	725.0	11.1	10.1	179.1	13.1	-0.2	13.0	311.7	342.1	10.8	93.1	5.6	0.
7.8	32.2	3154.9	700.0	9.0	8.0	177.9	13.0	-0.5	13.0	312.5	340.1	9.7	93.2	6.2	0.
8.9	34.9	3464.9	675.0	6.2	1.8	177.9	12.2	-0.4	12.2	312.6	331.5	6.5	73.0	7.0	360.
9.9	37.3	3774.3	650.0	4.7	-0.3	181.3	11.6	0.3	11.6	314.3	331.4	5.8	69.6	7.8	360.
11.1	40.2	4097.1	625.0	2.2	-2.6	180.8	11.8	0.2	11.8	315.0	320.0	5.1	70.4	8.6	360.
12.3	42.9	4422.3	600.0	0.5	-8.3	180.1	12.0	0.0	12.0	316.7	327.3	3.5	52.0	9.4	360.
13.4	45.8	4753.6	575.0	-0.4	-45.0	189.6	11.7	2.0	11.5	319.5	320.3	0.2	3.3	10.2	0.
14.5	48.9	5117.6	550.0	-2.4	-51.5	194.5	11.6	2.9	11.2	321.2	321.5	0.1	1.0	11.0	1.
15.6	51.8	5484.9	525.0	-4.3	-52.6	192.2	11.2	3.7	10.6	323.3	323.5	0.1	1.0	11.8	2.
17.0	59.0	5867.0	500.0	-6.7	-53.7	205.9	8.8	3.8	7.9	324.8	325.0	0.0	1.1	12.5	4.
18.3	58.1	6267.0	475.0	-7.8	-54.8	201.2	9.7	3.0	7.7	328.4	328.6	0.0	1.0	13.1	4.
19.6	61.6	6685.5	450.0	-10.0	-52.6	202.7	8.9	3.4	8.2	330.7	331.0	0.1	1.7	13.8	5.
21.1	65.2	7127.5	425.0	-13.3	-22.3	210.9	10.8	5.5	9.2	331.9	337.0	1.5	47.1	14.5	6.
22.4	69.7	7592.1	400.0	-16.4	-60.2	218.2	10.3	6.4	8.1	333.7	333.8	0.0	1.0	15.3	8.
24.0	72.2	8064.5	375.0	-19.6	-60.8	214.5	10.1	5.7	8.3	335.6	335.7	0.0	1.4	16.2	10.
25.8	75.3	8577.3	350.0	-23.8	-42.6	214.3	11.4	6.4	9.4	336.6	337.6	0.3	16.2	17.2	11.
27.4	80.4	9109.9	325.0	-27.7	-43.1	225.0	12.2	8.6	8.6	339.6	339.6	0.3	21.3	18.2	13.
29.2	84.8	9679.8	300.0	-32.4	-41.8	233.2	13.9	11.1	8.3	339.7	340.9	0.3	38.4	19.3	15.
31.1	89.2	10286.3	275.0	-37.0	-53.7	238.1	16.1	13.7	8.5	341.6	342.0	0.1	18.4	20.6	18.
33.1	94.2	10943.6	250.0	-42.0	99.9	245.4	19.1	17.3	7.9	343.6	599.9	99.9	999.9	22.2	22.
35.6	99.3	11645.7	225.0	-47.5	99.9	231.2	19.8	15.4	12.4	345.7	599.9	99.9	999.9	24.7	26.
38.1	104.8	12417.2	200.0	-54.0	99.9	229.1	18.7	13.9	12.5	347.3	999.9	99.9	999.9	27.3	29.
40.5	111.0	13257.3	175.0	-58.8	99.9	242.3	17.8	15.8	8.3	349.5	999.9	99.9	999.9	29.6	31.
43.0	117.9	14199.2	150.0	-68.1	99.9	242.9	16.3	15.0	7.7	352.8	999.9	99.9	999.9	31.8	34.
46.0	125.5	15281.9	125.0	-77.0	99.9	230.2	16.3	12.5	10.4	364.7	999.9	99.9	999.9	35.5	36.
51.6	134.0	16606.9	100.0	-67.0	99.9	999.9	99.9	99.9	99.9	398.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

22 JUNE 1977

C GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	731.0	922.9	29.4	16.2	160.0	6.3	0.0	6.3	309.6	344.9	12.7	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	14.2	1004.7	970.0	27.5	14.6	999.9	99.9	99.9	99.9	309.8	342.6	11.8	45.4	999.9	999.
1.5	15.2	1253.7	975.0	25.1	14.0	999.9	99.9	99.9	99.9	309.9	342.2	11.6	50.0	999.9	999.
2.5	19.5	1507.7	950.0	22.7	12.9	192.0	13.0	2.7	12.7	309.9	341.0	11.1	54.1	2.0	17.
3.3	20.7	1767.0	925.0	20.3	12.0	185.0	13.2	1.8	13.1	310.1	340.3	10.8	58.9	2.7	16.
4.2	23.1	2022.2	900.0	18.1	11.7	182.9	11.2	0.6	11.2	310.5	341.0	10.9	66.3	3.3	13.
5.3	25.5	2303.6	775.0	15.3	11.1	181.7	13.3	0.4	13.3	310.3	340.7	10.8	76.0	4.1	11.
5.5	27.9	2581.1	750.0	12.9	10.0	180.6	18.5	0.2	18.5	310.5	339.6	10.3	82.6	5.2	9.
7.7	30.4	2865.6	725.0	10.6	9.0	182.4	16.8	0.7	16.8	311.0	337.6	9.4	84.4	6.5	8.
8.9	33.0	3157.8	700.0	8.3	6.9	177.9	14.0	-0.5	14.0	311.7	337.3	9.0	90.8	7.7	7.
10.0	35.5	3457.8	675.0	6.3	3.3	174.3	9.9	-1.0	9.9	312.7	333.7	7.3	81.2	8.3	5.
11.0	38.1	3767.0	650.0	4.3	-0.4	179.1	11.0	-0.2	11.0	314.4	331.4	5.8	69.2	8.8	5.
12.2	40.7	4086.0	625.0	2.5	-4.2	190.8	12.2	0.2	12.2	315.3	328.8	4.5	61.5	9.8	4.
13.5	43.5	4415.4	600.0	0.9	-9.0	182.7	11.4	0.5	11.4	317.2	326.7	3.1	48.4	10.7	4.
14.7	46.4	4755.0	575.0	-1.3	-17.7	188.6	11.5	1.7	11.4	319.5	323.8	1.7	27.4	11.5	4.
15.9	49.5	5109.9	550.0	-3.5	-9.8	190.7	12.6	2.4	12.4	320.0	330.3	3.3	61.6	12.3	5.
17.0	52.4	5475.8	525.0	-5.3	-23.8	195.0	11.3	3.5	10.7	322.1	325.7	1.1	21.7	13.3	5.
19.3	55.4	5857.0	500.0	-5.1	-16.5	198.2	11.9	3.7	11.2	323.2	330.0	2.1	50.8	14.0	6.
19.5	59.5	6255.1	475.0	-3.9	-17.7	193.9	12.6	3.0	12.3	327.0	333.6	2.0	48.6	14.9	7.
20.8	63.0	6672.3	450.0	-10.7	-31.2	183.3	14.2	0.8	14.2	329.9	332.1	0.6	16.5	16.0	7.
22.2	65.4	7109.1	425.0	-11.1	-34.4	187.6	14.7	2.0	14.5	330.8	332.6	0.5	16.1	17.1	7.
23.8	69.1	7565.6	400.0	-17.4	-21.7	189.0	13.1	2.1	13.0	332.4	338.3	1.7	71.2	18.5	7.
25.4	73.0	8047.6	375.0	-20.3	-21.0	209.0	9.4	4.6	2.2	334.7	341.2	1.9	94.4	19.5	7.
27.1	76.7	8555.9	350.0	-23.6	-24.7	201.7	15.7	5.9	14.6	336.9	342.0	1.5	90.6	20.7	8.
29.8	80.5	9094.5	325.0	-27.3	-29.0	236.0	14.5	12.0	8.1	339.1	342.9	1.1	85.2	22.1	10.
31.0	84.9	9655.6	300.0	-31.8	-34.3	244.3	13.3	16.5	8.0	340.5	343.1	0.7	78.1	23.3	15.
33.0	89.7	10278.2	275.0	-36.5	-40.3	240.9	22.8	19.9	11.1	342.4	344.0	0.4	67.7	25.1	19.
35.0	94.0	10928.9	250.0	-41.1	99.9	281.1	17.5	17.2	-3.4	344.9	999.9	99.9	999.9	26.1	23.
37.1	99.0	11635.8	225.0	-46.6	99.9	251.8	22.1	21.0	6.9	347.0	999.9	99.9	999.9	27.9	28.
39.3	104.3	12405.9	200.0	-53.3	99.9	236.1	23.5	19.5	13.1	349.3	999.9	99.9	999.9	30.1	31.
41.7	110.4	13257.1	175.0	-60.1	99.9	224.5	23.7	19.3	13.6	350.8	999.9	99.9	999.9	33.2	34.
44.3	117.0	14200.6	150.0	-68.3	99.9	224.5	33.4	23.4	23.5	355.8	999.9	99.9	999.9	37.7	36.
47.5	124.7	15309.4	125.0	-67.2	99.9	222.0	19.0	14.4	12.5	373.3	999.9	99.9	999.9	42.9	37.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

22 JUNE 1977  
130 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	771.0	925.5	21.2	20.0	320.0	2.1	1.3	-1.6	301.0	343.8	16.2	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	14.0	775.7	925.0	21.2	99.9	999.9	99.9	99.9	99.9	301.0	999.9	99.9	999.9	999.9	999.
0.9	16.2	1013.8	900.0	23.0	16.8	999.9	99.9	99.9	99.9	306.1	343.1	13.6	64.7	999.9	999.
1.9	18.6	1240.7	875.0	23.0	15.7	231.5	9.2	7.4	5.5	307.7	343.4	13.0	63.6	0.7	79.
2.5	20.3	1513.5	850.0	21.7	14.9	217.0	11.2	6.7	8.9	308.9	344.0	12.7	65.4	1.1	65.
3.3	23.3	1772.7	825.0	19.8	13.2	201.4	12.3	4.7	11.9	309.6	342.2	11.7	65.8	1.6	53.
4.1	25.7	2037.4	800.0	17.9	12.1	193.7	14.5	3.4	14.0	310.3	341.7	11.2	68.7	2.2	42.
5.2	24.2	2309.5	775.0	15.0	11.0	192.4	15.0	3.2	14.7	309.9	340.0	10.7	76.9	3.0	33.
6.2	30.3	2585.8	750.0	12.7	11.2	197.8	15.4	2.1	15.3	310.4	341.9	11.2	50.6	3.9	28.
7.4	33.5	2870.0	725.0	9.8	8.9	184.7	15.5	1.3	15.5	310.2	338.1	9.9	93.9	5.0	23.
8.5	35.0	3161.5	700.0	8.0	7.0	180.0	15.8	0.0	15.8	311.4	337.2	9.1	53.5	5.9	20.
9.4	37.7	3450.5	675.0	5.3	2.4	180.2	15.3	0.0	15.3	311.6	331.2	6.8	81.8	7.1	16.
11.1	41.3	3749.0	650.0	4.7	-1.4	155.1	14.6	1.6	14.5	314.2	330.0	5.3	64.8	8.2	14.
12.4	44.1	4037.7	625.0	3.0	-5.3	191.7	14.3	2.9	14.0	315.9	327.5	3.8	50.3	9.3	14.
13.8	47.1	4417.1	600.0	0.5	-15.3	191.4	13.3	2.6	13.0	316.8	322.9	1.9	29.4	10.5	13.
15.2	50.1	4757.7	575.0	-1.0	-16.9	193.5	13.4	3.1	13.0	318.8	324.5	1.8	28.7	11.6	13.
16.6	52.0	5111.4	550.0	-2.6	-17.6	195.2	13.5	3.5	13.0	321.0	326.6	1.7	30.5	12.7	13.
18.0	55.9	5479.1	525.0	-4.4	-16.3	204.6	10.7	4.5	9.7	322.7	329.3	2.0	35.9	13.8	14.
19.5	59.0	5851.2	500.0	-7.5	-13.9	190.4	12.2	2.2	12.0	323.8	332.1	2.6	60.3	14.7	14.
20.8	62.3	6249.5	475.0	-9.7	-19.2	188.6	15.2	2.7	18.0	326.0	331.8	1.8	45.5	15.8	14.
22.5	65.6	6674.9	450.0	-12.9	-20.9	203.3	17.9	7.1	16.4	327.1	332.4	1.6	51.0	17.7	14.
24.2	69.0	7108.5	425.0	-15.6	-17.5	214.7	15.8	9.0	13.0	329.0	336.5	2.3	85.0	19.5	15.
26.1	72.3	7554.9	400.0	-18.0	-20.1	240.3	11.9	10.3	5.9	331.7	338.1	1.9	83.3	20.9	17.
27.8	76.1	8044.9	375.0	-20.8	-22.9	251.4	10.5	9.9	3.3	334.1	339.6	1.6	82.8	21.7	20.
29.2	80.0	8551.5	350.0	-24.3	-26.6	243.8	13.2	11.8	5.8	335.9	340.3	1.2	81.4	22.3	22.
30.6	83.4	9037.9	325.0	-28.5	-31.4	239.1	15.1	12.9	7.7	337.4	340.5	0.8	76.0	23.2	23.
32.1	87.2	9554.6	300.0	-33.0	-36.3	238.5	15.1	12.9	7.9	338.9	341.0	0.6	71.9	24.4	25.
34.1	92.2	10232.2	275.0	-38.0	-41.7	235.1	14.3	11.7	8.2	340.1	341.5	0.3	67.9	25.9	27.
36.6	95.7	10910.7	250.0	-43.7	99.9	230.0	15.7	12.8	10.7	341.1	999.9	99.9	999.9	28.0	29.
39.8	101.4	11608.2	225.0	-50.5	99.9	235.4	17.5	14.4	9.9	341.2	999.9	99.9	999.9	30.8	32.
43.0	106.8	12344.5	200.0	-57.3	99.9	225.3	22.2	16.6	14.8	342.0	999.9	99.9	999.9	34.3	34.
46.3	112.3	13145.1	175.0	-63.7	99.9	230.3	27.6	21.2	17.6	344.9	999.9	99.9	999.9	39.1	36.
50.3	118.3	14125.5	150.0	-67.9	99.9	231.8	15.9	12.5	9.8	353.1	999.9	99.9	999.9	45.0	37.
54.2	125.7	15214.0	125.0	-70.7	99.9	230.9	11.9	9.2	7.5	367.0	999.9	99.9	999.9	48.3	39.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

22 JUNE 1977  
15 SVT

130 97. 0

TIME MIN	CNTCT	HEIGHT GSM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	583.0	944.8	27.7	19.0	190.0	12.2	0.0	12.2	305.8	345.9	14.8	59.0	0.0	0.
0.0	99.0	58.0	1000.0	59.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	99.0	99.0	975.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	99.0	99.0	954.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	13.0	77.0	925.0	23.5	17.9	193.5	12.5	4.0	12.0	306.5	345.1	14.2	59.3	0.5	339.
1.4	15.5	1014.5	930.0	24.0	16.8	184.3	14.2	1.7	13.5	306.3	343.1	13.5	63.9	1.1	359.
2.4	17.5	1261.0	875.0	23.1	15.4	151.1	15.2	0.9	15.2	307.8	343.2	12.9	62.8	2.1	1.
3.5	20.3	1514.1	850.0	21.9	15.4	177.8	14.3	-0.6	14.8	309.1	345.4	13.1	66.4	3.1	1.
4.7	22.5	1774.4	825.0	20.1	14.9	174.2	12.6	-1.3	12.5	309.9	346.2	13.1	66.4	4.0	360.
5.9	25.2	2035.7	800.0	17.9	14.4	175.1	12.4	-0.4	12.4	310.2	346.5	13.1	80.2	4.5	359.
7.0	27.5	2310.1	775.0	15.1	13.4	154.5	10.8	0.8	10.8	310.1	345.2	12.6	85.4	5.7	359.
9.4	30.3	2557.7	750.0	12.9	11.4	125.2	9.5	2.1	9.5	310.4	342.5	11.4	51.7	6.5	1.
9.8	33.0	2873.6	725.0	10.5	5.4	195.4	9.5	2.7	9.2	311.3	340.4	10.3	91.5	7.3	2.
11.4	35.4	3145.9	700.0	10.2	5.7	193.5	12.1	4.0	11.4	313.7	337.6	8.3	74.1	8.3	4.
12.9	38.4	3467.8	675.0	7.5	3.8	201.5	11.1	4.1	10.3	314.4	336.2	7.5	75.5	9.3	6.
15.3	41.1	3774.3	650.0	5.6	1.9	187.2	11.1	3.3	10.5	315.3	335.2	6.8	77.3	10.2	7.
16.9	47.0	4428.2	600.0	0.6	-0.1	193.0	11.8	3.8	11.2	316.2	334.3	6.1	78.5	11.1	8.
18.4	50.1	4769.0	575.0	-2.1	-5.1	193.2	10.4	3.5	10.0	317.5	334.8	6.0	89.7	12.0	9.
20.2	53.1	5121.4	550.0	-5.7	-14.5	194.1	10.5	2.6	10.2	320.9	329.0	4.6	80.0	12.8	9.
21.3	56.1	5467.6	525.0	-8.5	-25.2	191.7	10.4	2.1	10.1	324.1	327.2	2.6	45.6	14.0	10.
23.7	59.5	5873.2	500.0	-11.1	-33.5	193.9	10.5	2.0	10.3	325.6	325.8	0.0	16.1	15.1	10.
25.8	63.0	6272.7	475.0	-15.0	-45.0	195.8	10.3	2.3	9.7	328.2	325.8	0.0	1.0	15.9	10.
25.8	65.3	6691.0	450.0	-17.0	-51.9	203.3	9.8	4.2	9.7	330.7	331.0	0.1	2.3	16.9	10.
28.7	70.0	7129.8	425.0	-17.7	-19.4	219.5	11.2	7.2	9.1	333.1	339.6	1.9	55.4	18.1	11.
30.4	73.7	7590.5	400.0	-15.7	-25.8	225.9	11.5	8.2	9.0	334.6	338.7	1.2	41.4	19.2	12.
32.0	77.7	8044.1	375.0	-19.6	-36.5	213.4	9.0	5.0	7.5	335.6	337.2	0.4	20.6	20.3	14.
33.8	81.5	8520.0	350.0	-33.9	-28.6	209.1	8.8	4.3	7.7	336.6	330.2	1.0	64.5	21.2	15.
35.0	85.9	9112.6	325.0	-37.9	-31.2	225.9	11.2	8.0	7.8	338.2	341.3	0.9	73.7	23.2	17.
38.4	90.3	9690.1	300.0	-21.5	-26.7	225.9	12.9	9.2	10.2	341.1	341.3	0.5	55.4	24.9	19.
40.7	95.3	10100.1	275.0	-36.4	-42.7	214.9	13.1	8.3	10.2	342.5	343.7	0.3	51.5	26.5	20.
43.0	100.0	10552.8	250.0	-42.1	95.9	223.3	14.1	9.7	10.3	343.5	999.9	99.9	955.9	28.4	22.
45.7	105.7	11455.8	225.0	-48.0	99.9	223.8	13.0	10.0	8.4	345.0	999.9	99.9	999.9	30.5	24.
48.9	111.0	12420.5	200.0	-55.1	99.9	227.0	16.5	12.1	11.3	345.5	999.9	99.9	999.9	32.9	26.
52.0	117.3	13259.0	175.0	-61.2	95.5	233.4	15.2	12.2	9.1	348.9	999.9	98.9	995.9	35.6	27.
53.8	124.0	14198.9	150.0	-67.0	99.9	227.3	14.9	10.9	10.1	354.6	999.9	99.9	999.9	38.9	30.
58.4	131.3	15298.0	125.0	-71.5	99.5	999.9	99.9	99.9	99.9	365.6	999.9	99.9	955.5	959.9	999.9
63.6	172.0	16416.7	100.0	-69.5	99.5	999.9	99.9	99.9	99.9	383.4	999.9	99.9	999.9	999.9	999.9
68.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
 POST, TEXAS  
 22 JUNE 1977  
 300 GMT

110 166. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	771.0	927.9	20.0	19.5	0.0	0.0	0.0	0.0	299.5	340.6	15.6	97.0	0.0	0.
99.9	99.9	59.0	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	14.4	799.1	925.0	19.9*	99.5	999.9	99.9	99.9	99.9	299.7	999.9	99.9	999.9	999.9	999.9
0.2	16.8	1073.1	900.0	19.4*	99.5	999.9	99.9	99.9	99.9	301.5	999.9	99.9	999.9	999.9	999.9
1.8	19.4	1274.5	875.0	18.8*	99.9	999.9	99.9	99.9	99.9	303.4	999.9	99.9	999.9	999.9	999.9
2.8	21.9	1522.2	860.0	19.3*	99.5	999.9	99.9	99.9	99.9	305.3	999.9	99.9	999.9	999.9	999.9
3.9	24.7	1775.9	825.0	17.6*	99.5	999.9	99.9	99.9	99.9	307.2	999.9	99.9	999.9	999.9	999.9
5.0	27.1	2040.1	800.0	16.3	11.3	999.9	99.9	99.9	99.9	308.6	338.2	10.6	72.2	999.9	999.9
6.4	30.0	2310.0	775.0	14.4	5.8	999.9	99.9	99.9	99.9	309.3	337.1	9.9	74.0	999.9	999.9
7.5	32.8	2597.3	750.0	13.2	7.7	183.3	15.0	0.9	14.9	310.9	336.0	8.9	69.4	4.4	51.
9.8	35.5	2872.2	725.0	11.5	6.1	180.2	13.5	0.0	13.5	312.0	335.4	8.2	65.4	5.2	42.
10.1	38.4	3154.9	700.0	9.2	3.6	999.9	99.9	99.9	99.9	312.6	333.2	7.1	68.2	999.9	999.9
11.3	41.1	3455.7	675.0	7.6	1.1	999.9	99.9	99.9	99.9	314.2	332.3	6.2	63.2	999.9	999.9
12.5	44.2	3775.7	650.0	5.1	-2.6	190.8	13.4	0.2	13.4	314.7	329.3	4.9	57.9	7.5	26.
13.6	47.3	4094.7	625.0	2.3	-3.2	174.4	12.9	-1.3	12.8	315.0	329.5	4.9	67.2	8.3	24.
14.7	50.3	4423.5	600.0	-0.3	-2.3	168.8	13.9	-3.2	13.5	315.8	331.8	5.4	86.1	9.0	21.
15.9	53.4	4763.0	575.0	-2.8	-6.1	170.3	15.9	-2.7	15.6	316.7	329.8	4.3	79.8	9.9	17.
17.3	56.5	5115.2	550.0	-4.1	-14.5	195.7	19.6	1.9	18.5	319.3	326.4	2.3	44.2	11.2	15.
19.1	59.9	5480.5	525.0	-5.2	-9.6	198.1	20.3	6.3	19.3	322.2	333.2	3.5	71.4	13.5	14.
20.1	63.4	5853.7	500.0	-7.2	-8.9	204.2	19.5	8.1	13.9	324.1	336.5	3.9	87.5	14.7	15.
23.3	70.3	6578.4	450.0	-11.7	-13.8	204.4	14.1	5.3	12.8	328.5	338.0	2.9	84.5	17.8	17.
25.2	73.9	7114.9	425.0	-13.9	-16.7	184.3	12.8	1.0	12.8	331.1	335.2	2.4	75.7	19.3	17.
27.3	77.8	7573.6	400.0	-16.7	-19.3	162.2	12.5	0.5	12.5	333.3	340.3	2.1	60.4	20.9	16.
29.3	81.6	8056.1	375.0	-19.5	-22.2	184.3	11.3	0.8	11.3	335.8	341.7	1.7	79.0	22.1	15.
31.5	85.6	8545.2	350.0	-27.4	-25.8	193.1	5.1	1.4	5.9	337.3	341.9	1.3	80.9	23.4	14.
34.2	90.0	9102.3	325.0	-27.9	-32.3	203.6	10.5	3.1	9.5	338.3	341.1	0.8	65.4	24.6	15.
37.3	94.5	9672.9	300.0	-32.3	-37.0	200.2	9.5	3.3	8.9	339.9	341.8	0.5	62.7	26.4	16.
40.1	99.0	10279.3	275.0	-38.0	-44.3	214.2	13.0	7.3	10.7	340.2	341.3	0.3	51.0	28.5	16.
43.8	104.0	10828.0	250.0	-43.9	99.9	224.0	14.5	10.1	10.4	341.0	999.9	99.9	999.9	31.1	18.
47.8	109.3	11626.3	225.0	-50.1	99.9	222.0	15.5	10.4	11.5	341.7	999.9	99.9	999.9	34.6	21.
51.8	114.8	12333.8	200.0	-56.9	99.9	219.2	21.5	13.6	16.7	342.6	999.9	99.9	999.9	38.8	22.
57.6	120.8	13215.3	175.0	-64.3	99.9	227.6	24.5	18.1	16.5	343.9	999.9	99.9	999.9	45.2	26.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

22 JUNE 1977  
337 GHT

121 97. 0

TIME MIN	CNTCT	HEIGHT GEM	PRES WS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PJT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
3.0	11.1	555.0	945.2	26.7	19.5	180.0	5.1	0.0	5.1	304.6	343.6	14.4	61.0	0.0	0.
99.0	99.0	99.0	1002.0	99.0	99.0	99.0	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.5	11.0	743.5	925.0	25.34	97.5	99.9	99.9	99.9	99.9	305.2	599.9	99.9	995.9	999.9	999.9
1.8	17.2	1021.2	970.0	23.1	17.6	99.9	99.9	99.9	99.9	305.3	343.9	14.2	71.2	999.9	999.9
2.5	17.4	1271.2	975.0	21.7	15.0	131.8	14.9	3.0	14.6	306.3	342.4	13.2	70.2	1.8	5.
3.3	17.7	1523.3	950.0	21.1	13.7	186.4	15.8	4.5	15.2	308.3	340.8	11.7	62.6	2.6	8.
4.2	21.0	1741.0	925.0	20.1	12.4	182.4	13.5	2.9	13.2	309.8	340.8	11.1	61.2	3.4	10.
5.2	24.3	2043.1	900.0	17.7	11.6	195.1	11.9	1.7	11.7	310.0	340.4	10.8	67.6	4.1	9.
6.2	26.6	2213.7	775.0	15.2	11.9	111.5	12.4	2.5	12.2	310.2	342.0	11.4	80.3	4.9	10.
7.3	27.9	2545.1	750.0	12.3	10.2	121.6	12.3	2.5	12.1	311.0	340.7	10.9	84.8	5.6	10.
6.4	31.5	2881.2	725.0	10.7	9.5	191.0	11.5	2.2	11.3	311.2	340.7	10.5	53.0	6.5	10.
9.7	34.1	3173.3	700.0	8.6	7.5	186.6	11.9	1.4	11.9	312.0	336.7	9.4	93.2	7.4	10.
11.0	36.5	3474.0	675.0	6.6	5.8	185.8	11.9	1.2	11.8	313.0	337.7	8.6	94.6	8.3	9.
12.2	38.3	3783.1	650.0	3.8	2.6	186.9	13.1	1.5	13.0	313.2	333.9	7.1	92.0	9.1	9.
13.3	41.8	4101.4	625.0	1.9	-0.8	186.5	13.2	1.5	13.1	314.6	331.7	5.8	82.2	10.0	9.
14.5	44.3	4430.5	600.0	0.3	-3.3	184.8	11.6	1.0	11.5	316.5	331.5	5.0	77.0	10.9	9.
15.0	47.4	4771.3	575.0	-1.4	-12.4	183.6	13.1	0.8	13.1	318.4	326.5	2.6	42.7	12.0	8.
17.6	50.4	5124.6	550.0	-3.3	-11.8	180.5	13.4	2.5	13.2	320.2	335.4	3.0	54.1	13.2	8.
19.0	53.5	5481.9	525.0	-4.7	-13.1	184.7	11.4	2.9	11.0	322.8	331.3	2.7	51.6	14.4	9.
20.6	56.7	5845.3	500.0	-5.7	-17.9	197.3	7.4	7.4	7.4	325.2	322.3	1.9	37.3	15.2	9.
21.3	59.5	6215.5	475.0	-6.7	-17.0	210.2	5.3	2.8	4.7	327.2	334.4	2.2	52.9	15.7	9.
23.1	62.9	6591.1	450.0	-10.5	-14.1	230.4	7.2	5.5	4.6	330.0	339.4	2.9	75.5	16.3	10.
25.0	66.0	7131.2	425.0	-12.0	-17.8	234.9	7.0	7.0	4.9	332.4	335.8	2.2	66.6	16.8	12.
25.5	67.7	7591.0	400.0	-16.3	-24.5	212.6	7.2	3.9	6.1	333.8	338.2	1.3	47.1	17.5	14.
27.8	73.1	8073.4	375.0	-19.9	-23.1	182.9	9.7	2.2	9.5	335.3	340.8	1.6	76.1	18.4	14.
30.7	77.0	8592.5	350.0	-23.2	-31.1	181.0	10.0	1.9	9.8	337.6	340.5	0.8	47.6	19.6	14.
32.6	80.3	9120.8	325.0	-27.8	-39.1	213.6	9.9	5.5	9.2	339.4	340.0	0.4	36.8	20.8	14.
34.6	85.0	9691.9	300.0	-31.9	-37.5	235.0	12.5	10.3	7.2	340.5	342.4	0.5	56.6	21.9	16.
36.9	89.3	10300.3	275.0	-37.2	-42.8	229.3	15.1	11.5	9.9	341.4	342.6	0.3	55.1	23.5	19.
39.1	94.0	10950.5	250.0	-43.1	99.9	233.0	13.8	11.1	8.3	342.0	599.9	99.9	999.9	25.1	21.
41.7	97.4	11451.1	225.0	-45.2	99.9	238.7	16.4	12.9	10.1	343.0	999.9	99.9	999.9	27.1	24.
45.1	103.8	12418.3	200.0	-54.2	99.9	238.7	13.5	11.8	7.2	346.8	999.9	99.9	999.9	29.9	27.
48.7	102.5	13255.4	175.0	-60.0	99.9	235.3	13.7	11.2	7.8	349.4	999.9	95.9	959.9	32.7	29.
57.7	115.4	14197.2	150.0	-68.3	99.9	239.7	15.3	13.2	7.7	352.4	999.9	99.9	999.9	35.8	32.
55.8	122.5	15230.1	125.0	-70.4	99.9	235.9	10.1	7.4	6.9	367.6	999.9	99.9	999.9	38.9	34.
63.6	130.0	16615.7	100.0	-70.3	99.9	99.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	59.9	95.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

22 JUNE 1977  
300 GMT

123 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	791.0	923.3	23.3	18.4	330.0	5.3	2.7	-4.6	303.3	342.6	14.6	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	14.9	1004.7	900.0	24.4*	17.0	999.9	99.9	99.9	99.9	306.6	344.0	13.7	63.4	999.9	999.9
1.5	17.0	1251.4	875.0	22.5	15.3	999.9	99.9	99.9	99.9	307.2	342.0	12.7	63.8	999.9	999.9
2.5	19.4	1503.8	850.0	20.9	14.6	205.3	5.9	2.5	5.3	308.0	342.2	12.4	67.2	0.8	76.
3.5	21.7	1762.2	825.0	19.6	13.5	179.4	9.5	-0.1	9.5	309.3	342.4	11.9	68.0	1.1	53.
4.4	24.2	2027.0	800.0	17.4	12.5	175.0	12.9	-1.1	12.8	309.7	341.7	11.5	72.6	1.5	33.
5.3	26.5	2298.0	775.0	15.1	12.5	181.9	12.5	0.4	12.5	310.1	343.3	11.9	64.5	2.2	21.
5.7	29.1	2575.7	750.0	13.1	10.4	177.4	13.5	-0.6	13.5	310.8	340.7	10.6	63.6	2.8	16.
7.3	31.7	2860.4	725.0	11.2	8.1	190.0	15.3	-0.0	15.3	311.8	338.6	9.4	81.2	3.7	11.
8.4	34.4	3153.7	700.0	9.5	4.8	176.8	13.8	-0.3	13.5	313.1	335.4	7.8	72.4	4.6	9.
9.4	36.9	3455.1	675.0	7.6	3.0	178.2	12.4	-0.4	12.4	314.1	334.7	7.1	72.7	5.4	8.
10.5	39.7	3765.4	650.0	5.3	-2.3	183.7	11.3	0.7	11.2	315.0	329.9	5.0	57.8	6.2	7.
11.5	42.3	4085.7	625.0	4.2	-8.6	187.7	12.5	1.7	12.4	317.3	327.2	3.2	38.8	6.9	7.
12.5	45.2	4414.5	600.0	2.2	-13.6	192.1	15.4	3.2	15.1	318.7	325.8	2.2	29.9	7.8	7.
13.8	48.2	4759.1	575.0	0.5	-22.8	199.1	14.2	4.4	13.5	320.5	324.1	1.1	15.5	8.9	8.
15.1	51.0	5114.4	550.0	-1.2	-17.3	207.4	14.8	6.8	13.1	322.7	322.5	1.8	28.1	9.9	10.
16.5	54.7	5487.9	525.0	-3.9	-7.3	217.5	14.6	8.9	11.6	323.8	336.9	4.2	77.1	11.2	12.
18.0	57.3	5868.2	500.0	-6.0	-5.6	226.7	13.9	10.1	9.5	325.7	340.3	4.7	55.5	12.2	15.
19.3	60.6	6269.8	475.0	-8.3	-9.0	220.9	13.7	9.0	10.3	327.7	340.6	4.1	94.3	13.1	18.
20.6	64.0	6685.9	450.0	-11.3	-11.9	211.4	13.3	6.9	11.3	329.1	340.1	3.4	95.2	14.1	19.
21.9	67.3	7124.6	425.0	-12.7	-20.0	215.5	12.6	7.4	10.3	332.6	338.8	1.8	54.3	15.2	20.
23.3	70.9	7585.5	400.0	-15.6	-22.7	220.7	12.6	8.2	9.6	334.7	340.0	1.5	54.1	16.2	21.
24.8	74.7	8068.7	375.0	-19.7	-24.4	223.1	14.4	9.9	10.5	335.6	340.4	1.4	65.9	17.2	22.
26.3	78.7	8577.7	350.0	-23.5	-28.4	224.9	13.1	9.2	9.2	337.1	340.8	1.0	63.6	18.5	24.
28.1	82.7	9115.3	325.0	-27.6	-32.3	225.6	10.8	7.9	7.4	338.7	341.5	0.8	63.6	19.6	25.
30.2	86.8	9685.8	300.0	-32.1	-39.6	216.9	13.2	7.9	10.5	340.1	341.8	0.4	52.4	21.2	26.
32.2	91.4	10294.8	275.0	-36.5	-42.8	210.4	12.7	6.4	10.9	342.3	343.5	0.3	52.0	22.6	27.
34.5	95.0	10947.4	250.0	-41.6	99.9	217.3	15.7	9.5	12.5	344.2	999.9	99.9	999.9	24.5	27.
36.7	101.0	11654.3	225.0	-46.9	99.9	209.6	14.1	6.9	12.2	346.7	999.9	99.9	999.9	26.5	28.
38.6	106.5	12424.2	200.0	-53.4	99.9	224.4	12.7	8.9	9.1	348.3	999.9	99.9	999.9	28.1	28.
40.6	112.5	13270.4	175.0	-60.1	99.9	229.9	16.2	12.4	10.5	350.8	999.9	99.9	999.9	29.5	29.
42.8	119.0	14215.1	150.0	-67.2	99.9	237.5	19.5	16.4	10.5	354.4	999.9	99.9	999.9	32.1	31.
45.6	125.0	15313.6	125.0	-66.6	99.9	224.3	19.6	13.7	14.0	374.4	999.9	99.9	999.9	34.8	34.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

22 JUNE 1977  
1500 GMT

116 101. 0

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	873.0	915.4	21.7	18.9	180.0	6.3	0.0	6.3	302.3	342.9	15.2	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	12.9	1029.0	900.0	19.4	99.9	192.0	6.0	1.3	5.9	301.5	999.9	99.9	999.9	0.3	10.
1.5	15.0	1271.9	875.0	15.3	16.7	191.3	7.3	1.4	7.2	302.8	339.9	13.8	90.2	0.7	11.
2.4	16.9	1520.8	850.0	17.3	15.0	208.1	5.5	2.6	4.8	304.2	338.9	11.8	86.8	1.0	13.
3.4	19.2	1776.2	825.0	15.8	14.4	218.1	5.3	3.3	4.2	305.3	339.8	12.7	91.8	1.3	19.
4.4	21.2	2079.1	800.0	14.7	12.6	209.9	3.9	1.9	3.4	306.8	338.8	11.6	87.3	1.6	22.
5.4	23.5	2304.8	775.0	13.1	11.7	185.9	3.5	0.4	3.5	307.9	339.0	11.2	91.2	1.7	22.
6.3	25.7	2592.7	750.0	11.2	10.6	159.4	3.8	-1.4	3.5	309.7	338.8	10.8	96.3	1.9	19.
7.4	28.1	2845.6	725.0	9.1	7.9	171.9	5.8	-0.8	5.4	309.5	335.6	9.3	92.0	2.2	13.
8.5	30.6	3158.4	700.0	7.7	4.4	197.9	7.3	2.2	6.9	311.0	332.6	7.5	79.4	2.6	13.
9.5	33.0	3466.1	675.0	5.8	4.4	202.4	8.4	3.2	7.8	312.2	334.6	7.8	90.4	3.0	14.
10.4	35.4	3745.1	650.0	4.0	3.0	203.8	9.0	4.0	9.0	313.5	334.8	7.3	93.1	3.6	16.
11.5	37.9	4087.7	625.0	2.0	1.8	199.6	11.5	3.7	10.9	314.8	335.2	7.0	96.3	4.3	17.
12.8	40.4	4413.1	600.0	0.4	0.2	198.0	11.6	3.6	11.0	316.6	335.9	6.5	98.6	5.1	17.
14.0	43.0	4764.5	575.0	-0.8	-1.0	209.2	12.5	6.1	10.9	319.1	337.7	6.2	98.3	6.0	17.
15.3	45.0	5106.3	550.0	-2.4	-2.6	207.8	13.6	6.3	12.0	321.2	338.7	5.8	98.7	7.1	20.
17.0	48.7	5478.2	525.0	-4.4	-4.7	200.8	14.3	5.1	13.3	323.2	339.0	5.2	97.8	8.4	20.
19.7	51.4	5861.9	500.0	-6.6	-7.2	201.1	15.6	5.6	14.6	325.1	339.0	4.5	95.1	10.0	20.
20.8	54.5	6261.7	475.0	-8.8	-9.9	193.7	15.2	3.6	14.8	327.1	339.2	3.8	91.6	11.9	20.
22.5	57.6	6679.5	450.0	-11.0	-12.4	199.8	16.5	5.6	15.5	329.4	340.0	3.3	89.1	13.6	19.
24.3	61.0	7117.2	425.0	-13.2	-14.8	214.2	16.1	9.1	13.3	332.0	341.4	2.8	87.5	15.2	20.
25.9	64.4	7577.2	400.0	-16.1	-17.7	212.8	14.3	7.7	12.0	334.0	342.0	2.4	87.4	16.6	21.
27.4	67.0	8060.7	375.0	-19.1	-21.2	209.7	16.0	7.9	14.0	336.3	342.7	1.9	83.5	18.0	22.
29.9	71.3	8571.2	350.0	-22.6	-24.6	207.0	15.4	7.0	13.7	339.3	343.5	1.5	83.9	19.6	23.
30.8	75.3	9110.8	325.0	-27.1	-30.1	206.1	14.2	6.3	12.8	339.3	342.7	1.0	75.4	21.1	23.
33.1	79.7	9699.3	300.0	-31.9	-37.7	205.9	16.7	7.3	15.1	340.4	342.2	0.5	55.8	23.1	23.
35.2	83.5	10290.7	275.0	-37.1	-43.3	200.5	17.0	5.9	15.9	341.5	342.6	0.3	51.8	25.3	23.
37.4	88.2	10922.6	250.0	-42.2	-49.9	200.2	19.0	6.6	17.9	343.3	999.9	99.9	999.9	27.6	23.
39.7	93.3	11635.1	225.0	-47.9	-55.9	199.4	22.6	7.5	21.3	345.1	999.9	99.9	999.9	30.6	23.
42.4	98.5	12412.9	200.0	-53.1	-59.9	205.0	23.5	9.9	21.3	348.6	999.9	99.9	999.9	34.4	23.
45.2	104.7	13262.6	175.0	-58.9	-65.9	205.3	26.9	11.5	24.3	352.7	999.9	99.9	999.9	38.5	23.
48.3	110.8	14220.7	150.0	-62.9	-69.9	210.7	25.3	12.9	21.8	361.8	999.9	99.9	999.9	43.0	24.
51.6	118.0	15329.4	125.0	-68.4	-74.9	211.0	19.0	9.3	15.4	371.1	999.9	99.9	999.9	47.4	24.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

22 JUNE 1977  
1500 GMT

106 150. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	771.0	929.2	21.5	20.0	150.0	2.5	-1.3	2.3	301.0	343.6	16.1	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	14.7	800.9	925.0	21.4*	99.9	99.9	99.9	99.9	99.9	301.2	999.9	99.9	99.9	99.9	99.9
0.9	16.4	1037.5	900.0	19.6	17.3	999.9	99.9	99.9	99.9	301.7	335.2	14.0	86.8	99.9	99.9
1.9	18.9	1290.2	875.0	17.8	16.4	999.9	99.9	99.9	99.9	302.3	338.6	13.6	91.6	99.9	99.9
2.9	21.2	1529.9	850.0	17.1	15.7	207.5	11.6	5.4	10.3	304.1	340.2	13.4	91.3	1.8	13.
3.8	23.6	1784.5	825.0	16.8	14.6	202.0	8.4	3.2	7.8	306.4	341.4	12.8	86.4	2.4	17.
4.8	26.0	2047.1	800.0	16.1	13.3	180.0	8.3	-0.0	8.3	308.3	341.9	12.1	83.8	2.8	16.
5.8	28.6	2316.9	775.0	13.6	11.0	163.9	8.6	-2.4	8.3	308.5	338.4	10.7	84.1	3.3	12.
6.8	31.2	2597.4	750.0	12.7	8.8	164.8	10.7	-2.8	10.4	310.4	337.4	9.6	77.3	3.8	8.
7.8	33.8	2877.7	725.0	10.8	6.4	166.6	12.0	-2.8	11.6	311.3	335.2	8.4	74.4	4.4	5.
8.9	36.7	3169.9	700.0	8.4	5.6	167.9	11.6	-2.4	11.3	311.8	335.3	8.2	82.2	5.2	2.
10.0	39.0	3449.9	675.0	6.3	4.2	176.7	11.7	-0.7	11.7	312.7	334.9	7.7	86.7	5.9	1.
11.1	41.6	3729.5	650.0	4.6	3.2	182.8	11.1	0.5	11.0	314.1	335.8	7.5	90.9	6.8	1.
12.3	44.7	4008.7	625.0	3.1	0.5	999.9	99.9	99.9	99.9	316.0	334.7	6.4	82.8	99.9	99.9
13.6	47.2	4289.2	600.0	1.1	-1.1	999.9	99.9	99.9	99.9	317.4	335.0	5.9	84.9	99.9	99.9
15.0	50.2	4771.4	575.0	-0.5	-3.0	999.9	99.9	99.9	99.9	319.4	335.5	5.3	83.1	99.9	99.9
16.2	53.0	5125.8	550.0	-3.1	-4.8	999.9	99.9	99.9	99.9	320.4	335.3	4.9	87.7	99.9	99.9
17.5	55.9	5497.5	525.0	-5.1	-9.1	999.9	99.9	99.9	99.9	322.3	333.7	3.7	73.6	99.9	99.9
19.1	59.1	5875.3	500.0	-8.0	-15.2	999.9	99.9	99.9	99.9	323.3	330.9	2.3	56.0	99.9	99.9
20.7	62.4	6273.7	475.0	-9.2	-15.7	999.9	99.9	99.9	99.9	326.6	334.3	2.4	58.6	99.9	99.9
22.2	65.6	6690.2	450.0	-11.9	-15.2	999.9	99.9	99.9	99.9	328.3	336.8	2.6	76.4	99.9	99.9
23.8	69.0	7125.2	425.0	-15.0	-18.0	999.9	99.9	99.9	99.9	329.7	336.9	2.2	78.0	99.9	99.9
25.7	72.3	7592.1	400.0	-17.9	-21.1	999.9	99.9	99.9	99.9	331.8	337.8	1.8	75.3	99.9	99.9
27.1	76.0	8041.9	375.0	-20.8	-29.5	999.9	99.9	99.9	99.9	334.1	337.2	0.9	45.2	99.9	99.9
29.0	80.0	8567.8	350.0	-24.5	-30.8	999.9	99.9	99.9	99.9	335.8	338.8	0.9	57.3	99.9	99.9
31.0	83.8	9103.6	325.0	-28.5	-38.6	999.9	99.9	99.9	99.9	337.4	338.9	0.4	36.0	99.9	99.9
33.0	87.7	9671.9	300.0	-33.2	-43.6	999.9	99.9	99.9	99.9	338.6	339.6	0.3	34.4	99.9	99.9
35.3	92.7	10277.0	275.0	-38.2	-48.9	999.9	99.9	99.9	99.9	339.9	340.5	0.2	31.3	99.9	99.9
37.5	96.6	10925.9	250.0	-43.2	99.9	999.9	99.9	99.9	99.9	341.8	999.9	99.9	99.9	99.9	99.9
40.0	101.2	11527.3	225.0	-48.4	99.9	999.9	99.9	99.9	99.9	344.3	999.9	99.9	99.9	99.9	99.9
42.7	106.6	12322.7	200.0	-53.9	99.9	999.9	99.9	99.9	99.9	347.5	999.9	99.9	99.9	99.9	99.9
45.4	112.0	13279.3	175.0	-59.8	99.9	999.9	99.9	99.9	99.9	351.2	999.9	99.9	99.9	99.9	99.9
48.8	118.0	14189.2	150.0	-65.6	99.9	999.9	99.9	99.9	99.9	357.1	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

22 JUNE 1977  
1510 GMT

124 86. 0

TIME MIN	C-137	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	647.9	647.9	25.6	20.0	190.0	7.5	0.0	3.5	304.4	346.7	15.7	67.0	0.0	0.
99.9	20.0	1000.0	1000.0	55.9	55.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.0	13.1	703.8	925.0	23.1	16.3	909.0	99.9	0.3	14.3	303.0	337.4	12.8	65.7	999.9	999.9
2.2	15.5	1039.4	900.0	20.5	15.6	181.4	14.3	0.3	14.3	302.7	336.5	12.5	73.5	1.7	2.
3.1	17.7	1231.7	875.0	18.5	15.4	181.4	14.5	0.4	14.6	303.0	337.2	12.7	81.9	2.5	2.
4.1	20.1	1520.2	850.0	16.3	14.3	191.2	12.1	2.4	11.9	303.2	336.2	12.2	88.0	3.3	3.
5.1	23.7	1784.5	825.0	14.6	13.3	195.6	13.2	3.6	12.7	304.0	336.0	11.8	92.2	4.0	5.
6.1	27.7	2044.6	800.0	12.7	11.4	196.6	14.5	4.2	13.0	304.7	333.9	10.7	91.9	4.9	7.
7.1	31.0	2311.0	775.0	10.6	9.4	194.3	10.5	3.0	10.1	305.3	325.6	7.3	65.8	5.6	8.
8.1	34.9	2544.9	750.0	10.1	8.4	195.1	8.0	2.6	8.0	307.6	320.4	8.1	77.9	6.2	9.
9.2	38.1	2822.7	725.0	9.7	7.7	199.2	8.7	2.9	8.3	310.1	327.4	6.0	57.2	6.8	10.
10.7	42.7	3156.2	700.0	8.4	1.9	189.7	7.8	1.3	7.7	311.8	320.1	6.3	53.0	7.3	10.
11.4	47.1	3459.1	675.0	5.5	1.1	172.3	9.4	-1.3	9.3	313.0	331.0	6.2	68.3	7.8	10.
12.6	50.9	3737.5	650.0	4.8	-2.0	165.0	10.8	-2.8	10.4	314.4	329.5	5.1	61.5	8.5	8.
13.6	54.3	4044.9	625.0	2.9	-4.4	169.6	10.7	-1.9	10.5	315.7	329.0	4.4	58.7	9.2	6.
14.8	58.3	4414.6	600.0	0.7	-6.6	180.0	10.6	-0.0	10.6	316.9	328.8	3.9	57.9	9.9	5.
15.1	62.1	4754.0	575.0	0.1	-8.7	190.2	12.2	2.2	12.0	320.1	330.7	3.4	51.5	10.7	5.
17.4	67.3	5177.1	550.0	-2.3	-10.4	199.6	13.2	2.2	13.0	321.5	331.4	3.1	53.0	11.8	6.
19.3	72.0	5431.4	525.0	-4.0	-12.0	194.3	11.7	2.9	13.3	323.6	326.2	0.8	13.9	12.8	6.
20.1	75.9	5834.4	500.0	-6.5	-13.8	195.7	13.1	3.8	12.5	325.1	327.5	0.7	14.7	13.7	7.
21.4	80.0	6232.4	475.0	-9.0	-15.6	203.1	13.4	5.4	12.6	326.9	327.1	0.0	1.0	14.7	8.
22.7	83.2	6698.3	450.0	-11.5	-17.0	208.0	12.6	5.9	11.7	328.4	330.5	0.6	18.7	15.8	9.
24.2	86.5	7114.9	425.0	-14.5	-18.5	204.5	12.8	5.3	11.7	330.3	336.2	1.8	60.5	16.8	10.
25.9	90.0	7474.1	400.0	-17.0	-21.2	202.5	12.6	4.9	11.9	332.4	337.4	1.5	60.3	18.1	11.
27.7	93.1	8033.5	375.0	-21.5	-24.0	217.6	13.4	8.2	10.6	333.2	337.4	1.2	66.5	19.5	12.
29.7	97.0	8537.3	350.0	-24.5	-26.9	201.5	14.0	5.1	13.1	335.6	337.3	0.5	30.5	21.0	12.
31.4	101.0	9032.7	325.0	-28.1	-30.0	215.1	11.6	6.7	9.5	337.9	339.9	0.5	46.7	22.5	15.
33.4	105.0	9632.0	300.0	-32.4	-34.0	209.0	15.4	7.4	13.4	339.7	340.8	0.3	33.6	23.8	16.
35.2	109.2	10249.2	275.0	-37.5	-37.5	99.9	209.3	6.9	12.8	340.8	999.9	99.9	999.9	25.4	17.
37.4	113.9	10919.4	250.0	-42.2	-41.9	211.4	15.2	7.9	13.0	341.9	999.9	99.9	995.9	27.3	17.
39.6	118.4	11621.7	225.0	-48.4	-48.9	99.9	215.6	9.9	13.3	344.4	999.9	99.9	999.9	29.3	18.
41.9	123.4	12349.5	200.0	-53.6	-53.9	219.3	17.9	11.3	13.9	347.8	999.9	99.9	999.9	31.6	20.
44.3	128.0	13234.5	175.0	-59.0	-59.9	212.2	20.4	11.0	17.2	352.6	999.9	99.9	995.9	34.4	21.
47.1	133.0	14189.1	150.0	-64.9	-64.9	204.4	18.0	7.9	17.3	358.2	999.9	99.9	999.9	37.6	22.
49.2	137.8	15211.9	125.0	-72.0	-72.0	99.9	219.1	15.0	12.1	364.7	999.9	99.9	995.9	40.6	23.
51.4	142.7	16599.1	100.0	-68.7	-68.7	230.4	3.3	2.5	3.1	395.0	999.9	99.9	999.9	43.7	24.
53.9	147.6	18000.0	75.0	90.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
56.9	152.6	19499.9	50.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	157.6	20999.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

22 JUNE 1977  
1500 GMT

121 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MH	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	781.0	925.8	22.8	19.0	190.0	7.1	0.0	7.1	302.6	343.0	15.1	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	12.5	789.6	925.0	22.7	13.2	999.9	99.9	99.9	99.9	302.6	342.7	15.0	78.6	999.9	999.9
0.5	14.5	1027.4	900.0	20.9	17.9	999.9	99.9	99.9	99.9	303.0	342.1	14.6	83.5	999.9	999.9
1.3	16.5	1270.9	875.0	18.1	16.7	999.9	99.9	99.9	99.9	302.6	339.7	13.8	91.1	999.9	999.9
2.0	18.9	1519.3	850.0	16.4	15.0	192.5	12.2	2.6	11.9	303.3	337.7	12.7	91.4	1.6	7.
2.9	21.1	1773.9	825.0	15.7	14.3	203.0	11.6	4.5	10.7	305.2	339.3	12.5	91.3	2.2	11.
3.8	23.5	2035.9	800.0	14.7	13.3	208.3	9.7	4.6	8.5	306.9	340.2	12.1	90.9	2.8	15.
4.8	25.9	2305.0	775.0	13.9	11.9	191.1	6.7	1.3	6.6	308.6	340.2	11.3	88.0	3.2	15.
5.7	28.1	2581.6	750.0	12.7	8.1	193.9	9.3	0.6	9.3	310.4	336.2	9.1	73.5	3.6	14.
6.6	30.7	2866.4	725.0	11.5	4.7	195.5	10.0	0.3	10.0	312.1	333.5	7.5	63.3	4.2	13.
7.6	33.2	3159.3	700.0	9.6	2.2	174.3	9.7	-0.9	8.7	313.1	332.6	6.7	62.7	4.7	11.
8.5	35.7	3460.6	675.0	7.3	2.2	176.2	9.7	-0.6	9.7	313.9	334.2	7.0	72.9	5.2	9.
9.7	38.3	3770.6	650.0	5.2	0.6	174.2	10.4	-1.1	10.3	314.9	333.0	6.2	72.0	5.9	8.
10.7	40.9	4090.3	625.0	2.7	0.9	181.3	9.7	0.2	9.7	315.6	335.0	6.6	88.0	6.5	6.
11.9	43.7	4420.2	600.0	0.6	-0.7	186.5	9.2	1.0	9.1	316.9	334.9	6.1	90.4	7.2	7.
13.0	46.5	4761.7	575.0	-1.0	-2.3	196.9	9.5	0.8	9.8	318.8	335.8	5.7	91.1	7.8	6.
14.3	49.6	5116.1	550.0	-2.7	-4.5	199.2	9.2	2.9	8.7	320.8	336.1	5.0	87.7	8.6	7.
15.5	52.4	5484.9	525.0	-4.0	-7.9	197.6	11.8	3.5	11.2	323.6	336.2	4.0	74.5	9.3	8.
16.9	55.4	5868.9	500.0	-6.0	-11.7	201.7	11.4	4.2	10.6	325.7	335.7	3.1	63.8	10.2	9.
18.2	58.6	6269.0	475.0	-8.7	-13.3	200.5	11.7	4.1	11.0	327.2	336.5	2.9	65.4	11.2	10.
19.5	62.0	6687.0	450.0	-10.9	-15.0	203.8	10.6	4.3	9.7	329.6	338.2	2.7	71.6	12.0	11.
20.9	65.4	7124.3	425.0	-13.7	-18.9	193.0	15.1	4.7	14.4	331.4	338.2	2.0	64.5	13.0	11.
22.2	68.9	7582.9	400.0	-16.9	-21.6	196.6	16.2	4.6	15.5	333.1	338.8	1.7	66.4	14.3	12.
23.7	72.4	8064.6	375.0	-20.2	-27.3	193.5	16.0	3.7	15.5	334.9	338.7	1.1	53.1	15.8	12.
25.4	76.3	8572.9	350.0	-23.4	-31.1	215.8	12.2	7.2	9.9	337.2	340.1	0.8	46.1	17.2	13.
27.2	80.4	9111.0	325.0	-27.4	-34.7	209.4	14.3	7.0	12.5	338.9	341.2	0.6	49.4	18.4	15.
29.0	84.6	9682.8	300.0	-31.5	-39.1	233.9	14.2	11.4	8.4	341.0	342.8	0.5	51.8	19.7	16.
30.8	88.8	10292.4	275.0	-36.3	-45.0	215.6	15.2	8.8	12.3	342.7	343.6	0.2	39.7	21.1	19.
32.9	93.9	10945.7	250.0	-41.9	-99.9	202.7	20.0	7.7	18.4	343.8	999.9	99.9	999.9	23.6	20.
35.0	99.6	11651.3	225.0	-46.6	99.9	211.1	22.7	11.7	19.4	347.0	999.9	99.9	999.9	26.3	20.
37.4	104.0	12422.1	200.0	-52.4	99.9	210.2	28.0	14.1	24.2	349.8	999.9	99.9	999.9	30.1	22.
40.0	110.0	13274.1	175.0	-58.3	99.9	216.4	23.8	14.1	19.1	353.8	999.9	99.9	999.9	33.6	23.
42.9	116.3	14239.4	150.0	-61.2	99.9	199.0	18.0	5.6	17.2	364.7	999.9	99.9	999.9	37.5	24.
45.9	123.7	15351.6	125.0	-68.4	99.9	236.8	8.3	6.9	4.5	371.2	999.9	99.9	999.9	40.1	25.
49.7	131.7	16689.4	100.0	-67.4	99.9	999.9	99.9	99.9	99.9	397.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

22 JUNE 1977  
1900 GMT

TIME MIN	CMTCT	HEIGHT GOM	PRES MB	TEMP DG C	DRK PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	120 100. 0	
														RANGE KM	AZ DG
0.0	11.5	973.0	915.4	22.8	20.0	190.0	5.8	0.0	6.8	303.4	347.0	16.3	84.0	0.0	0.
99.9	95.9	965.9	1000.0	25.9	95.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.3	1070.2	925.0	20.5	19.5	199.9	99.9	99.9	99.9	302.6	345.4	16.1	54.0	999.9	999.9
1.5	15.4	1215.0	975.0	19.1	15.5	199.9	99.9	99.9	99.9	303.6	339.2	13.2	82.1	999.9	999.9
2.5	17.4	1394.1	925.0	19.3	14.2	189.9	5.3	0.9	5.7	306.3	339.8	12.2	73.1	1.0	355.
3.5	19.4	1493.7	925.0	17.2	12.0	201.7	4.9	1.8	4.5	306.7	336.5	10.8	71.7	1.3	360.
4.3	21.7	2043.2	600.0	15.4	10.7	208.9	4.2	2.0	3.7	307.6	335.8	10.2	73.4	1.5	4.
5.2	24.1	2912.7	775.0	13.5	10.4	218.7	3.2	2.0	2.5	308.3	337.1	10.3	81.6	1.7	8.
6.3	26.3	3295.0	750.0	11.5	6.8	187.3	4.3	0.5	4.3	309.0	332.6	8.3	73.1	1.9	9.
7.3	29.7	3971.4	735.0	9.9	7.2	189.9	5.3	0.9	5.3	310.3	325.4	8.9	83.4	2.2	9.
8.4	31.7	3162.5	700.0	7.5	7.1	190.5	6.5	1.2	6.4	310.3	336.5	9.1	97.5	2.6	9.
9.4	33.9	4663.2	675.0	6.4	5.2	194.2	7.2	2.0	6.9	312.8	336.5	8.3	52.1	3.0	9.
10.4	35.1	3772.1	650.0	4.8	3.9	193.2	7.9	1.9	7.7	314.4	337.0	7.8	53.6	3.5	11.
11.4	37.7	4921.5	625.0	2.6	2.1	194.4	9.9	0.7	8.8	315.4	336.5	7.2	96.6	4.1	10.
12.4	41.7	6211.3	600.0	0.6	0.2	192.9	10.2	2.3	10.0	316.8	336.2	6.6	98.2	4.7	9.
13.3	44.1	4753.0	575.0	-0.5	-0.9	202.1	11.2	4.2	10.4	319.3	338.2	6.3	98.5	5.3	11.
14.7	47.0	5118.2	550.0	-1.9	-2.1	201.3	11.4	4.1	10.7	321.8	339.9	6.0	98.8	6.4	12.
15.4	50.1	4438.7	525.0	-3.6	-3.9	188.6	11.6	3.7	11.0	324.2	341.0	5.5	97.8	7.3	13.
16.4	53.6	5373.1	500.0	-6.1	-6.8	182.9	11.2	3.6	10.6	325.6	339.0	4.3	87.7	8.3	14.
17.4	57.9	6272.5	475.0	-9.6	-9.7	177.4	9.3	5.6	7.4	327.3	335.6	3.9	52.2	9.1	15.
20.3	59.1	6650.6	450.0	-11.6	-14.9	224.4	10.9	7.6	7.8	328.7	337.5	2.7	76.9	9.9	17.
22.4	62.5	7127.3	425.0	-11.2	-17.1	216.4	11.1	6.6	8.9	330.8	338.5	2.3	78.2	10.9	20.
23.3	65.9	7554.7	400.0	-17.2	-19.8	207.7	12.5	5.8	11.0	332.6	339.3	2.0	60.1	11.9	21.
25.7	69.6	8044.4	375.0	-15.2	-24.2	206.5	16.7	7.5	15.0	335.2	340.2	1.4	68.6	13.3	21.
27.6	73.2	8574.6	350.0	-23.5	-28.2	205.5	18.4	6.4	17.2	337.0	340.8	1.0	64.5	15.4	22.
29.5	77.3	9112.0	325.0	-27.7	-31.9	187.3	15.2	5.4	17.4	338.5	341.4	0.8	67.8	17.4	21.
31.4	81.7	9432.9	300.0	-32.0	-37.0	164.9	15.4	5.0	18.7	340.3	342.2	0.5	60.8	19.6	21.
33.5	85.2	10201.2	275.0	-37.1	-43.7	191.1	20.0	3.9	19.6	341.4	342.5	0.3	50.1	22.1	20.
35.9	90.4	10843.0	250.0	-42.4	59.5	192.4	23.6	5.1	23.0	343.0	999.9	99.9	959.9	25.1	19.
40.8	93.7	11446.4	225.0	-48.1	99.9	198.5	22.9	7.3	21.7	344.8	999.9	99.9	999.9	28.6	18.
43.8	101.0	12413.3	200.0	-53.5	99.9	203.2	23.7	9.3	21.8	348.0	995.9	99.9	959.9	32.2	19.
47.7	107.0	13261.8	175.0	-59.4	99.9	202.5	24.5	9.5	22.5	351.9	999.9	99.9	999.9	36.3	19.
46.9	113.7	14219.0	150.0	-63.4	99.9	213.8	25.5	13.1	21.9	999.9	999.9	99.9	999.9	41.0	21.
50.4	121.7	15231.9	125.0	-69.2	99.9	213.4	20.5	11.3	17.1	369.6	999.9	99.9	995.9	45.8	23.
54.7	170.0	16455.6	100.0	-68.4	99.9	999.9	99.9	99.9	99.9	395.7	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

22 JUNE 1977  
1900 GMT

95 201. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	771.0	923.5	24.2	21.7	170.0	4.7	-0.8	4.6	303.7	351.6	17.9	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.3	904.2	925.0	23.5*	20.6	999.9	99.9	99.9	99.9	302.4	348.4	16.9	83.6	999.9	999.
0.5	15.6	1042.7	900.0	10.6	17.1	999.9	99.9	99.9	99.9	301.7	338.6	13.8	85.3	999.9	999.
1.5	18.0	1285.7	875.0	17.3	16.2	999.9	99.9	99.9	99.9	301.8	337.6	13.4	85.3	999.9	999.
2.5	20.4	1537.7	850.0	16.2	14.9	201.9	7.9	2.9	7.3	303.2	337.4	12.7	82.0	1.5	12.
3.4	22.8	1787.7	825.0	14.2	12.9	195.6	7.6	2.1	7.4	303.7	334.9	11.5	81.9	1.9	14.
4.3	25.3	2047.9	800.0	13.1	11.8	186.7	8.9	1.0	8.9	305.2	335.2	11.0	81.4	2.3	13.
5.2	27.7	2315.3	775.0	11.4	10.0	182.0	8.5	0.3	8.7	306.1	333.8	10.0	80.9	2.8	11.
6.0	30.3	2588.2	750.0	10.2	8.7	187.0	10.6	1.3	10.5	307.7	334.1	9.5	80.3	3.2	11.
6.9	33.0	2871.6	725.0	5.4	5.0	183.2	11.3	0.6	11.3	309.8	331.4	7.6	74.1	3.8	10.
7.8	35.6	3162.6	700.0	7.6	2.6	180.9	11.2	0.2	11.8	311.0	330.1	6.6	70.3	4.5	9.
8.8	39.3	3451.6	675.0	5.3	1.8	177.9	13.5	-0.5	13.5	311.6	330.5	6.5	78.2	5.2	7.
9.9	41.0	3759.6	650.0	4.1	1.2	173.3	14.0	-1.6	13.9	313.7	332.5	6.4	81.0	6.1	6.
11.0	43.8	4047.6	625.0	1.3	-0.5	173.3	14.8	-1.7	14.7	313.9	331.3	5.9	87.7	7.1	4.
12.2	46.8	4415.6	600.0	-0.8	-2.2	172.7	13.3	-1.7	13.2	315.2	331.4	5.5	80.3	8.1	2.
13.4	49.8	4754.8	575.0	-2.9	-4.7	176.6	12.9	-0.8	12.9	316.7	330.8	4.7	87.0	9.0	2.
14.6	52.6	5105.7	550.0	-4.7	-8.5	190.9	14.6	0.2	14.6	318.5	329.8	3.7	74.6	9.9	1.
15.8	55.7	5471.9	525.0	-6.3	-10.4	191.5	14.4	2.9	14.1	320.8	331.1	3.3	73.0	10.9	2.
17.1	58.9	5853.0	500.0	-8.0	-10.0	194.5	16.6	4.1	16.0	323.3	324.6	3.6	85.2	12.2	3.
18.5	62.1	6250.2	475.0	-10.2	-12.1	191.7	14.7	3.0	14.3	325.3	335.5	3.2	86.0	13.5	4.
20.0	65.6	6666.1	450.0	-12.6	-14.4	187.7	12.1	1.6	12.0	327.5	336.4	2.8	85.8	14.7	4.
21.6	68.9	7100.4	425.0	-15.5	-18.0	197.5	12.6	3.8	12.0	329.1	336.3	2.2	80.9	15.8	5.
23.3	72.3	7555.1	400.0	-17.9	-24.2	212.5	12.5	6.7	10.6	331.7	336.1	1.3	54.7	17.0	6.
24.9	76.2	8035.8	375.0	-21.1	-28.3	218.4	14.6	9.1	11.4	333.7	337.2	1.0	51.8	18.1	9.
26.9	80.1	8541.8	350.0	-24.4	-38.2	210.6	14.7	7.5	12.6	335.9	337.4	0.4	26.4	19.6	11.
28.4	83.9	9077.2	325.0	-29.0	-42.6	205.2	18.2	7.7	16.4	336.7	337.8	0.3	25.4	21.4	12.
30.5	86.0	9643.7	300.0	-33.9	99.9	208.9	19.3	8.7	17.2	337.6	999.9	99.9	999.9	23.5	13.
32.7	92.4	10247.4	275.0	-38.9*	99.9	216.9	19.5	11.7	15.6	338.8	999.9	99.9	999.9	25.8	15.
35.1	97.0	10891.9	250.0	-44.7	99.9	211.2	23.8	12.3	20.4	339.6	999.9	99.9	999.9	28.6	17.
37.4	101.9	11537.5	225.0	-50.8	99.9	999.9	99.9	99.9	99.9	340.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

22 JUNE 1977  
1833 GMT

124 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	555.0	947.5	30.8	21.3	180.0	5.1	0.0	5.1	308.7	355.4	17.1	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	13.1	704.0	925.0	26.1	15.6	175.3	9.5	-0.7	9.5	306.0	341.5	13.0	55.8	0.5	346.
2.0	15.4	1074.9	900.0	23.6	14.0	189.6	9.2	1.5	9.0	305.8	341.0	12.9	62.7	1.1	356.
3.2	17.7	1394.5	875.0	21.2	15.0	195.3	10.7	1.0	10.7	305.8	339.6	12.4	67.9	1.8	1.
4.3	20.1	1555.2	850.0	19.1	13.3	198.2	10.6	1.5	10.5	306.2	337.5	11.4	69.2	2.5	2.
5.3	22.3	1791.9	825.0	17.4	11.7	187.1	10.6	1.3	10.6	307.0	336.2	10.6	69.4	3.2	4.
6.2	24.9	2094.2	800.0	15.4	10.1	184.5	11.4	0.9	11.3	307.6	334.8	9.8	70.8	3.7	4.
7.2	27.2	2398.9	775.0	13.3	8.3	184.1	12.1	0.9	12.1	308.1	334.8	9.5	76.8	4.5	4.
8.2	29.4	2702.6	750.0	11.0	8.1	184.5	11.2	0.7	11.2	309.5	334.4	9.2	83.6	5.2	4.
9.2	32.3	3011.6	725.0	9.5	7.7	179.5	11.1	-0.1	11.1	309.9	335.8	9.2	88.8	5.8	4.
10.2	35.0	3329.5	700.0	7.7	4.6	175.6	11.6	-0.7	11.6	311.0	332.9	7.7	81.0	6.5	3.
11.4	37.4	3672.6	675.0	6.5	3.6	172.3	9.5	-1.3	9.4	313.0	334.3	7.4	81.2	7.3	2.
12.8	40.2	3994.7	650.0	5.1	1.0	170.0	11.4	-2.0	11.2	314.7	333.4	6.4	74.7	8.1	1.
14.1	42.9	4302.0	625.0	2.9	-1.0	161.9	10.9	-3.4	10.4	315.8	332.7	5.7	75.2	9.0	360.
15.6	45.9	4631.8	600.0	0.9	-2.6	179.8	13.5	-0.1	13.6	317.1	332.9	5.3	77.7	10.0	357.
16.9	48.9	4773.3	575.0	-1.2	-4.2	189.9	15.9	2.5	15.7	318.6	332.8	4.7	76.7	11.2	359.
18.1	51.6	4927.3	550.0	-2.7	-3.1	203.1	14.3	5.6	13.1	320.9	335.6	4.8	83.9	12.3	0.
19.5	54.9	5095.9	525.0	-4.5	-6.1	216.4	12.0	7.1	9.6	323.0	337.3	4.6	88.4	13.2	3.
21.1	57.9	5279.5	500.0	-6.2	-10.1	219.7	12.9	8.2	9.9	325.5	336.7	3.6	73.9	14.1	6.
22.5	51.0	6279.5	475.0	-8.5	-12.4	219.5	14.3	8.9	11.2	327.5	337.5	3.1	73.2	15.1	8.
24.0	64.4	6697.4	450.0	-11.1	-18.7	222.9	12.2	8.3	8.9	329.3	335.8	1.9	53.3	16.1	10.
25.6	67.7	7174.5	425.0	-13.5	-21.1	219.5	11.9	7.5	9.1	331.5	337.1	1.7	52.9	17.1	12.
27.3	71.1	7592.7	400.0	-17.0	-27.5	221.3	12.3	8.1	9.2	332.9	336.4	1.0	39.4	18.1	14.
29.0	74.9	8072.9	375.0	-20.6	-32.5	213.4	15.1	8.3	12.6	334.4	337.8	1.0	49.0	19.4	16.
30.8	78.7	8550.9	350.0	-24.3	-30.4	211.2	14.7	7.6	12.6	336.0	339.1	0.9	56.5	21.0	17.
32.8	82.5	9117.3	325.0	-28.1	-34.9	202.3	15.8	6.0	14.6	338.0	340.2	0.6	51.7	22.8	18.
34.8	86.7	9684.5	300.0	-32.6	-40.2	198.4	17.0	5.4	16.1	339.5	340.9	0.4	45.8	24.8	18.
37.1	91.2	10293.5	275.0	-37.6	-45.6	193.7	16.7	6.0	17.8	340.8	341.7	0.2	42.5	27.1	18.
39.3	95.8	10943.7	250.0	-42.8	99.9	186.1	18.0	5.0	17.3	342.5	999.9	99.9	999.9	29.6	18.
41.7	100.7	11644.8	225.0	-48.7	99.9	212.9	18.5	10.1	15.6	343.9	999.9	99.9	999.9	32.2	19.
44.4	106.0	12409.5	200.0	-54.0	99.9	206.6	19.6	8.8	17.5	347.2	999.9	99.9	999.9	35.3	19.
47.4	111.6	13255.0	175.0	-59.8	99.9	215.9	21.1	12.3	17.1	351.3	999.9	99.9	999.9	38.7	20.
50.9	113.7	14095.5	150.0	-65.5	99.9	216.3	19.1	11.3	15.4	357.2	999.9	99.9	999.9	42.4	22.
54.8	125.5	15098.9	125.0	-71.4	99.9	220.5	14.2	9.2	10.8	365.7	999.9	99.9	999.9	46.3	23.
59.4	133.3	16415.6	100.0	-70.5	99.9	999.9	99.5	99.9	99.9	391.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

22 JUNE 1977  
1800 GMT

127 97. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.2	791.0	925.9	25.0	18.7	180.0	5.1	0.0	5.1	304.8	344.9	14.8	68.0	0.0	0.
99.9	99.9	69.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.3	780.5	925.0	24.5	18.6	999.9	99.9	99.9	99.9	304.4	344.2	14.8	69.7	999.9	999.9
0.9	14.6	1027.8	900.0	19.9	17.4	999.9	99.9	99.9	99.9	302.5	339.5	14.0	85.4	999.9	999.9
1.8	16.9	1270.5	875.0	17.7	16.2	232.4	9.2	7.3	5.6	302.2	338.2	13.4	90.8	1.2	79.
2.6	19.2	1518.6	850.0	15.9	14.9	159.6	12.3	-4.3	11.6	302.8	336.9	12.7	93.9	1.4	61.
3.6	21.5	1772.7	825.0	14.4	13.4	186.6	11.5	1.3	11.4	303.8	335.9	11.8	93.7	1.8	39.
4.6	24.1	2032.8	800.0	13.0	12.1	160.7	8.7	-1.5	8.5	305.0	335.6	11.2	94.0	2.3	29.
5.7	26.4	2308.2	775.0	12.0	11.1	170.1	11.4	-2.0	11.2	306.7	336.6	10.6	94.1	2.8	21.
6.6	29.0	2575.2	750.0	10.9	10.1	179.8	11.0	-0.0	11.0	308.4	337.5	10.4	94.7	3.4	16.
7.7	31.7	2858.0	725.0	9.1	8.2	172.7	7.6	-1.0	7.7	309.4	336.2	9.5	94.5	3.9	13.
8.5	34.4	3100.0	700.0	7.5	6.7	172.0	8.3	-1.2	8.2	310.9	336.1	8.9	94.5	4.2	12.
9.3	37.0	3449.0	675.0	5.4	5.6	170.9	10.6	-1.7	10.4	312.9	337.3	8.5	94.4	4.6	10.
10.1	39.9	3759.2	650.0	3.1	2.1	172.2	10.9	-1.5	10.8	312.5	332.5	6.9	93.2	5.2	8.
11.4	42.6	4078.1	625.0	1.4	0.2	177.6	13.9	-0.6	13.9	314.0	332.3	6.2	91.9	6.1	6.
13.1	45.6	4404.3	600.0	-0.4	-1.7	173.9	13.9	-1.5	13.8	315.6	332.3	5.6	91.1	7.4	4.
14.4	48.5	4744.0	575.0	-2.6	-3.6	174.3	16.2	-1.6	16.2	317.0	332.3	5.1	92.9	8.7	3.
15.7	51.5	5088.1	550.0	-2.5	-3.5	164.4	17.2	-4.6	16.5	321.0	337.4	5.4	93.3	9.8	1.
16.3	54.9	5454.4	525.0	-4.0	-4.9	159.4	19.5	-6.5	17.3	323.6	339.3	5.1	93.5	10.6	0.
17.0	57.9	5830.7	500.0	-6.1*	-7.0	160.1	15.1	-5.2	14.2	325.6	339.8	4.5	93.3	11.3	358.
17.9	61.3	6270.4	475.0	-8.6	-9.8	185.2	12.5	1.1	12.4	327.3	339.5	3.8	91.1	11.8	358.
18.8	64.9	6548.2	450.0	-11.0	-12.1	200.3	14.6	5.0	13.7	329.4	340.3	3.4	91.3	12.6	358.
19.7	68.3	7106.3	425.0	-13.2	-14.6	209.7	14.4	7.1	12.5	332.1	341.6	2.9	85.1	13.2	0.
20.4	71.9	7546.8	400.0	-15.5	-17.3	221.7	16.3	10.9	12.2	334.9	343.1	2.4	85.5	13.8	2.
21.6	75.8	8050.2	375.0	-19.4	-22.2	224.1	16.0	13.0	11.5	335.9	341.8	1.7	78.6	14.8	5.
21.5	80.0	8559.6	350.0	-22.9	-26.5	218.0	21.1	13.0	16.6	337.9	342.3	1.2	71.9	16.3	9.
24.9	94.0	9079.6	325.0	-24.4	-30.6	217.1	21.6	13.0	17.2	340.2	343.5	0.9	66.6	18.0	12.
25.9	98.2	9673.6	300.0	-30.6	-35.5	214.5	18.8	10.6	15.5	342.3	344.6	0.6	61.6	19.2	14.
27.0	97.0	10285.2	275.0	-35.3	-40.7	156.9	16.7	4.9	16.0	344.1	345.6	0.4	57.0	20.1	15.
28.1	97.8	10940.2	250.0	-41.6	-47.9	202.8	19.7	7.6	15.2	344.3	345.6	0.4	57.0	20.1	15.
29.7	103.0	11645.4	225.0	-47.3	-54.9	217.8	19.3	11.8	15.2	346.0	345.6	0.4	57.0	20.1	15.
31.9	103.9	12417.6	200.0	-53.7	-61.9	195.4	23.9	7.5	22.7	347.8	345.6	0.4	57.0	20.1	15.
34.0	114.8	13261.5	175.0	-59.1	-68.9	222.6	19.3	13.1	14.2	352.4	345.6	0.4	57.0	20.1	15.
36.6	121.5	14217.7	150.0	-62.0*	-71.9	216.1	30.4	17.9	24.5	363.2	345.6	0.4	57.0	20.1	15.
39.5	129.0	15239.3	125.0	-67.4	-76.9	221.1	18.6	12.2	14.0	372.9	345.6	0.4	57.0	20.1	15.
43.0	137.0	16477.3	100.0	-66.8	-75.9	999.9	99.9	99.9	99.9	398.6	345.6	0.4	57.0	20.1	15.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

22 JUNE 1977  
2045 GMT

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D-144

TIME MIN	CATCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.1	373.0	915.7	24.4	16.3	150.0	7.4	-3.7	5.4	305.1	344.9	14.7	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	14.5	1074.2	900.0	21.3	13.6	164.4	5.7	-1.8	5.4	303.5	344.7	15.4	85.4	0.3	344.
1.9	14.3	1243.5	975.0	19.1	12.2	169.5	5.4	-1.1	5.3	303.6	344.5	15.2	94.7	0.8	345.
3.0	16.3	1413.7	950.0	18.4	13.4	162.6	5.7	-1.7	5.4	305.4	336.8	11.5	72.8	1.1	345.
4.1	21.6	1774.6	825.0	17.4	11.4	173.5	5.0	-0.6	5.0	307.0	335.8	10.4	67.8	1.5	345.
5.0	24.1	2077.2	800.0	15.8	10.2	212.1	3.7	2.0	3.1	308.0	335.5	9.8	69.2	1.7	349.
5.1	24.5	2306.9	775.0	14.8	8.0	233.2	1.9	1.5	1.1	309.7	334.5	8.8	62.9	1.8	353.
7.2	29.1	2541.0	750.0	13.1	6.1	270.6	1.1	1.1	-0.0	310.8	333.4	7.9	62.7	1.9	356.
8.3	31.2	2568.6	725.0	10.9	4.8	305.1	1.5	1.3	-0.9	311.5	333.0	7.5	66.0	1.8	358.
9.4	31.5	2140.7	700.0	8.9	4.4	257.4	1.9	1.3	0.4	312.2	333.9	7.5	73.8	1.7	2.
10.5	37.2	2441.8	675.0	7.4	5.3	210.7	5.5	2.8	4.7	313.9	337.9	8.3	86.5	1.9	6.
11.7	40.1	2772.2	650.0	5.3	3.5	205.8	9.5	3.8	7.9	315.0	337.8	7.9	90.7	2.4	10.
12.2	41.2	4003.7	625.0	3.5	2.1	236.2	9.5	4.2	9.6	316.5	337.6	7.2	90.9	3.0	13.
13.0	45.9	4423.4	600.0	1.4	0.6	259.4	9.1	4.5	7.9	317.8	337.7	6.7	94.3	3.8	17.
15.2	42.2	4766.1	575.0	-0.3	-1.4	210.2	4.3	4.7	8.0	319.6	337.8	6.0	92.3	4.4	18.
15.7	51.2	5121.5	550.0	-2.2	-3.1	208.7	4.9	4.2	7.8	321.5	338.3	5.5	93.2	5.2	20.
16.7	55.1	5460.0	525.0	-3.5	-2.7	203.4	7.8	3.1	7.1	323.7	335.6	3.8	69.4	5.9	21.
17.7	58.3	5874.0	500.0	-5.4	-12.2	216.4	7.3	4.4	5.9	325.3	334.9	3.0	63.1	6.6	21.
21.3	61.7	6273.5	475.0	-8.3	-24.1	231.0	10.4	8.1	6.5	327.7	331.7	1.2	26.6	7.2	24.
22.8	65.2	6691.7	450.0	-10.0	-27.4	224.5	14.3	10.0	10.2	329.4	333.0	1.0	27.8	8.4	27.
24.5	63.7	7124.0	425.0	-11.7	-23.8	214.6	15.3	9.7	12.6	331.4	336.5	1.5	47.4	9.8	29.
26.2	72.7	7586.2	400.0	-17.1	-21.7	207.4	15.1	7.0	13.4	332.4	338.0	1.7	68.9	11.4	29.
27.9	73.7	8057.5	375.0	-20.1	-30.5	195.5	19.1	5.0	17.9	335.1	337.9	0.8	38.7	13.1	28.
29.7	80.7	8575.9	350.0	-23.2	-34.4	195.9	17.9	4.9	17.2	337.5	337.8	0.1	4.8	15.0	27.
31.4	84.8	9117.6	325.0	-27.4	-37.5	191.6	17.9	3.6	17.5	338.9	338.9	0.0	1.0	17.2	25.
33.9	88.8	9644.8	300.0	-31.9	-50.9	187.3	19.5	2.5	19.8	340.5	340.9	0.1	13.0	18.5	23.
36.2	97.6	10267.8	275.0	-36.7	-51.5	199.2	20.2	3.2	19.9	342.1	342.5	0.1	16.7	22.2	21.
38.2	94.4	10946.7	250.0	-41.9	99.9	193.1	20.7	4.7	20.2	343.9	999.9	99.9	999.9	24.7	20.
40.7	103.4	11650.5	225.0	-48.0	99.9	200.9	22.1	7.9	20.6	345.0	999.9	99.9	999.9	27.8	20.
43.3	109.5	12418.1	200.0	-52.9	99.9	199.6	21.5	7.3	20.6	349.0	999.9	99.9	999.9	31.5	20.
46.5	115.4	13255.4	175.0	-59.7	99.9	210.4	26.1	13.2	22.5	351.4	999.9	99.9	999.9	35.8	20.
50.0	122.7	14216.0	150.0	-64.5	99.9	213.3	21.9	12.0	18.3	359.0	999.9	99.9	999.9	41.0	23.
53.4	130.8	15315.1	125.0	-68.6	99.9	212.6	19.2	10.3	16.2	370.9	999.9	99.9	999.9	46.0	23.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

22 JUNE 1977  
2100 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	771.0	929.2	24.6	21.7	180.0	2.6	0.0	2.6	304.2	352.2	17.9	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	14.3	901.4	925.0	23.9*	21.0	999.9	99.9	99.9	99.9	303.8	350.0	17.2	83.6	999.9	999.
1.0	15.5	1040.3	900.0	20.2	16.8	999.9	99.9	99.9	99.9	302.3	338.6	13.5	80.7	999.9	999.
1.9	19.0	1287.6	875.0	18.7	16.3	999.9	99.9	99.9	99.9	303.2	339.6	13.5	86.2	999.9	999.
2.9	21.7	1572.9	850.0	17.6	15.2	999.9	99.9	99.9	99.9	304.6	339.7	12.9	86.0	999.9	999.
7.9	23.9	1799.2	835.0	15.7	13.2	999.9	99.9	99.9	99.9	305.2	337.1	11.7	85.3	999.9	999.
4.9	26.7	2050.1	800.0	14.9	11.9	999.9	99.9	99.9	99.9	307.0	337.5	11.0	82.6	999.9	999.
6.0	29.9	2319.4	775.0	12.6	8.8	190.0	9.3	1.6	9.2	307.4	333.3	9.3	77.7	3.0	13.
7.1	31.7	2594.0	750.0	11.5	8.0	189.2	8.5	1.2	8.4	309.1	334.5	9.0	78.8	3.7	12.
9.1	34.3	2977.0	725.0	9.3	6.1	185.7	10.9	1.1	10.8	309.6	332.8	8.2	80.4	4.2	11.
9.3	36.9	3167.9	700.0	8.1	3.4	186.3	13.0	1.4	12.9	311.5	331.7	7.0	72.3	5.1	10.
10.4	39.8	3467.6	675.0	5.8	2.8	187.2	12.2	1.5	12.1	312.1	332.3	7.0	81.3	5.9	10.
11.5	42.4	3776.1	650.0	3.4	1.7	189.7	11.9	1.9	11.7	312.9	332.3	6.7	88.2	6.7	10.
12.6	45.4	4094.2	625.0	2.3	0.8	197.2	12.4	3.7	11.8	315.1	334.2	6.5	89.6	7.5	10.
13.8	49.4	4427.6	600.0	-0.2	-0.8	192.7	14.3	3.1	14.0	315.9	333.7	6.0	95.3	8.5	11.
15.1	51.3	4764.3	575.0	-1.4	-2.2	195.8	13.4	3.6	12.9	318.4	335.4	5.7	94.0	9.6	11.
16.5	54.4	5119.0	550.0	-3.4	-4.2	194.5	11.9	3.0	11.5	320.1	335.6	5.1	93.9	10.6	11.
18.0	57.4	5495.7	525.0	-5.7	-7.1	203.6	11.7	4.7	10.7	321.6	334.9	4.3	90.0	11.6	12.
19.9	60.9	5867.3	500.0	-7.6	-11.1	244.6	16.9	15.3	7.3	323.9	334.2	3.3	75.6	12.9	17.
21.5	64.1	6255.3	475.0	-9.7	-18.2	220.7	9.9	6.4	7.4	326.0	332.3	1.9	49.7	13.9	19.
23.2	67.4	6691.7	450.0	-11.2	-15.1	212.9	10.2	5.5	8.6	329.2	335.4	1.9	51.8	14.9	21.
24.9	70.9	7112.7	425.0	-13.7	-20.7	200.5	12.5	4.4	11.7	331.5	337.3	1.7	55.1	16.0	21.
26.3	74.6	7576.9	400.0	-17.3	-23.4	204.9	14.7	6.2	13.3	332.6	337.5	1.4	56.7	17.1	21.
27.9	78.4	8057.5	375.0	-21.0	-25.8	213.7	15.0	8.3	12.5	333.9	338.1	1.2	65.2	18.6	22.
29.9	82.2	8567.6	350.0	-24.7	-29.7	203.7	15.6	6.3	14.3	335.5	338.8	0.9	62.7	20.3	22.
31.7	86.2	9099.6	325.0	-28.7	-32.2	999.9	99.9	99.9	99.9	337.1	339.9	0.8	71.9	999.9	999.
33.7	90.4	9666.8	300.0	-33.1	-39.2	999.9	99.9	99.9	99.9	338.8	340.3	0.4	54.0	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

22 JUNE 1977  
205.. GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.1	585.0	547.9	21.5	160.1	10.0	0.0	10.0	299.2	341.0	15.9	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.9	15.3	797.3	520.0	20.4	16.9	10.8	2.3	10.5	300.2	335.3	13.2	80.1	0.5	7.
2.0	17.9	1014.6	500.0	20.0	16.7	18.9	13.8	13.6	302.1	336.3	13.5	81.4	1.3	10.
3.1	20.3	1777.9	875.0	18.4	14.6	190.2	2.8	15.6	302.9	336.2	12.3	80.3	2.2	9.
4.2	22.9	1526.8	850.0	17.3	13.3	161.2	3.3	16.7	304.2	335.3	11.4	77.5	3.3	10.
5.2	25.5	1791.9	825.0	15.5	13.8	166.9	4.2	13.9	305.0	338.1	12.1	89.4	4.3	11.
6.4	29.1	2049.8	800.0	13.7	12.5	192.9	3.7	16.2	305.7	337.3	11.5	93.0	5.4	12.
7.7	31.0	2710.4	775.0	11.8	10.7	194.2	1.1	15.0	306.5	335.6	10.6	53.3	6.6	11.
9.2	33.9	2585.0	750.0	9.8	7.8	177.4	-0.7	15.4	307.2	332.2	9.0	87.8	7.9	9.
10.5	36.2	2556.5	725.0	8.3	6.1	173.4	-1.9	15.4	308.6	331.6	8.2	85.8	9.1	7.
12.0	39.3	2156.2	700.0	6.4	4.8	173.7	-1.7	14.1	309.6	331.6	7.7	85.3	10.4	6.
13.6	42.2	1754.5	675.0	4.9	1.5	174.3	-1.5	15.1	311.0	329.9	6.5	81.3	11.7	4.
15.3	45.3	1732.1	650.0	3.1	1.8	182.1	0.5	15.5	312.5	332.1	6.8	91.5	13.3	3.
17.0	48.4	2370.0	625.0	0.7	0.7	192.7	3.7	16.2	314.3	333.2	6.5	93.5	15.1	4.
18.6	51.4	4409.7	600.0	0.2	-0.7	599.9	59.9	99.9	316.3	334.4	6.1	94.1	999.9	999.9
20.5	54.7	4750.1	575.0	-0.9	-1.6	999.9	99.9	99.9	319.0	336.8	5.9	94.5	999.9	999.9
99.9	99.9	99.9	550.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	500.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	502.0	58.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	475.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	450.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	425.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	400.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	375.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	350.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	325.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	300.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	275.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	250.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	225.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	200.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	175.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	150.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	125.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

22 JUNE 1977  
2100 GMT

122 98. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	781.0	925.2	23.9	20.8	230.0	4.1	3.1	2.6	303.7	349.3	17.0	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	12.5	782.9	925.0	24.0	20.8	999.9	99.9	99.9	99.9	303.8	349.4	17.0	82.6	999.9	999.
0.7	14.8	1023.4	900.0	21.9	17.9	999.9	99.9	99.9	99.9	304.1	343.4	14.6	78.3	999.9	999.
1.6	16.9	1267.9	875.0	19.6	15.9	999.9	99.9	99.9	99.9	304.1	339.7	13.1	79.1	999.9	999.
2.5	19.7	1517.9	850.0	18.3	15.1	208.2	9.3	4.4	8.2	305.4	340.4	12.9	81.6	1.6	36.
3.3	21.4	1774.2	825.0	17.1	14.0	205.2	9.8	4.3	8.8	306.7	340.4	12.3	81.7	2.1	34.
4.7	23.8	2037.0	800.0	15.9	12.1	201.3	10.0	3.6	9.3	308.1	339.0	11.2	78.2	2.6	32.
5.1	26.0	2306.9	775.0	14.6	10.7	196.7	9.6	2.8	9.2	309.5	339.0	10.5	77.6	3.1	30.
6.3	28.5	2584.3	750.0	12.9	9.2	186.1	8.8	0.9	8.7	310.6	338.4	9.8	78.3	3.7	27.
7.2	31.1	2868.9	725.0	11.0	7.7	185.4	10.5	1.0	10.4	311.6	337.7	9.2	80.2	4.2	24.
8.3	33.7	3151.6	700.0	9.2	5.5	186.2	9.3	1.0	9.2	312.7	336.1	8.2	77.8	4.8	21.
9.3	36.1	3452.7	675.0	7.8	3.9	189.5	12.0	1.8	11.8	314.3	336.3	7.6	76.8	5.4	20.
10.3	38.8	3773.6	650.0	6.0	2.0	190.4	16.9	3.1	16.6	315.8	335.9	6.9	75.6	6.2	19.
11.3	41.3	4094.4	625.0	4.2	0.8	189.6	16.5	2.8	16.3	317.3	336.6	6.5	78.5	7.3	17.
12.5	44.2	4425.8	600.0	1.8	0.4	190.6	14.8	2.7	14.5	318.2	337.8	6.6	90.5	8.4	16.
13.6	47.1	4758.5	575.0	-0.3	-1.6	197.6	14.9	4.5	14.2	319.6	337.5	5.9	90.8	9.4	16.
15.0	50.2	5124.1	550.0	-1.9	-3.2	205.3	13.3	5.7	12.0	321.9	338.6	5.5	90.2	10.5	17.
16.2	53.1	5474.1	525.0	-3.3	-5.0	206.4	11.1	4.9	9.9	324.5	340.1	5.0	88.1	11.4	17.
17.6	56.1	5879.5	500.0	-5.1	-7.0	211.6	7.1	3.7	6.0	326.8	341.0	4.5	86.5	12.2	18.
19.1	59.4	6281.4	475.0	-8.0	-10.3	215.2	7.4	4.4	6.0	328.0	339.8	3.7	83.4	12.8	19.
20.6	62.9	6700.2	450.0	-10.5	-12.6	207.4	10.3	4.7	9.1	330.1	340.5	3.2	84.2	13.5	20.
22.0	66.0	7178.5	425.0	-12.9	-15.0	189.7	10.3	1.6	10.2	332.4	341.6	2.8	84.0	14.4	20.
23.8	69.7	7599.4	400.0	-15.3	-20.3	183.6	12.5	1.9	12.4	335.1	341.6	1.9	85.4	15.2	19.
25.5	73.3	8083.7	375.0	-18.9	-25.1	190.9	23.6	4.5	23.2	336.5	341.2	1.3	88.2	17.4	18.
27.3	77.2	8594.0	350.0	-22.5	-31.3	185.7	23.4	2.7	23.2	339.4	341.3	0.8	44.1	20.0	17.
29.1	81.0	9123.2	325.0	-26.6	-35.2	188.2	18.4	2.6	18.3	340.0	342.2	0.6	43.7	22.4	16.
31.1	85.3	9707.2	300.0	-30.8	-37.6	194.0	21.2	5.1	20.6	342.0	343.9	0.5	50.5	24.3	15.
32.9	89.6	10319.0	275.0	-35.7	-56.6	195.3	29.4	7.5	27.4	343.6	343.8	0.1	5.4	27.2	15.
34.9	94.5	10974.7	250.0	-41.2	99.9	201.6	27.1	10.0	25.2	344.8	999.9	99.9	999.9	30.5	16.
37.2	99.4	11681.9	225.0	-46.9	99.9	199.9	25.5	9.7	26.8	346.7	999.9	99.9	999.9	34.7	16.
39.9	104.8	12457.0	200.0	-52.6	99.9	203.2	23.2	9.1	21.3	349.5	999.9	99.9	999.9	37.9	17.
42.6	110.6	13305.3	175.0	-57.8	99.9	220.3	22.5	14.6	17.2	354.6	999.9	99.9	999.9	41.5	18.
45.4	117.0	14264.5	150.0	-63.3	99.9	220.2	24.5	15.9	18.8	361.0	999.9	99.9	999.9	44.7	20.
48.2	124.3	15370.7	125.0	-69.0	99.9	212.1	24.2	12.9	20.5	370.0	999.9	99.9	999.9	48.6	21.
52.2	132.3	16705.6	100.0	-67.0	99.9	999.9	99.9	99.9	99.9	398.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPFFD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

23 JUNE 1977  
C GMT

119 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	977.0	914.0	26.7	17.2	140.0	7.3	-4.7	5.6	307.7	345.2	13.7	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	14.2	1009.2	900.0	24.4	18.1	176.3	7.9	-0.5	7.8	306.6	346.7	14.7	68.0	0.2	347.
1.4	14.3	1255.7	875.0	21.7	17.3	168.7	7.5	-1.5	7.3	306.3	345.4	14.4	76.0	0.6	350.
2.0	15.4	1507.2	850.0	20.3	13.8	168.8	7.3	-1.4	7.2	307.4	339.9	11.8	66.3	0.9	350.
3.0	20.2	1764.9	825.0	19.0	11.1	170.3	4.5	-0.8	4.5	308.7	337.0	10.1	60.1	1.2	349.
4.1	21.2	2029.9	800.0	17.1	9.7	195.9	4.2	1.1	4.1	309.4	336.1	9.5	61.7	1.5	351.
5.1	25.9	2295.5	775.0	15.3	8.3	194.2	3.0	0.7	2.9	310.2	335.5	8.9	63.0	1.7	354.
5.1	27.9	2577.0	750.0	13.7	6.2	266.2	1.0	1.0	0.1	311.4	334.2	8.0	60.7	1.8	356.
7.2	30.6	2862.6	725.0	12.4	5.6	261.1	1.1	1.1	0.2	313.1	335.9	7.9	63.1	1.8	358.
9.4	33.1	3156.4	700.0	10.3	4.3	235.0	2.7	2.3	1.4	313.9	335.6	7.5	66.4	1.9	2.
9.4	35.4	3458.8	675.0	7.6	4.2	227.0	5.5	3.7	4.0	314.1	336.5	7.7	79.1	2.0	8.
10.7	35.2	3760.1	650.0	5.4	2.5	211.6	8.9	4.6	7.5	315.1	336.2	7.2	83.0	2.4	13.
11.2	40.5	4089.6	625.0	4.0	2.1	216.5	9.1	5.4	7.3	317.0	338.1	7.2	87.4	3.1	17.
13.1	43.6	4421.2	600.0	2.0	1.0	229.9	7.3	6.0	5.0	318.5	339.0	6.9	93.0	3.7	21.
14.3	46.4	4764.6	575.0	0.4	-2.4	231.8	7.7	6.1	4.8	320.4	337.4	5.6	81.8	4.2	25.
15.4	49.4	5120.2	550.0	-2.1	-4.2	220.5	7.3	4.7	5.5	321.6	337.2	5.1	84.9	4.7	28.
17.1	52.7	5489.7	525.0	-3.6	-3.7	207.5	8.7	4.0	7.7	324.1	335.9	3.8	68.1	5.4	28.
18.5	55.3	5874.4	500.0	-5.1	-13.4	216.6	9.4	5.6	7.5	325.9	335.8	2.8	53.2	6.2	29.
20.1	58.1	6275.6	475.0	-7.9	-20.9	228.9	9.4	7.1	6.2	328.2	333.3	1.5	34.1	7.0	30.
21.7	61.7	6694.6	450.0	-	-23.5	233.5	13.5	11.1	8.2	329.4	333.7	1.3	34.7	8.0	33.
23.3	65.1	7129.8	425.0	-14.1	-28.0	224.9	15.8	11.2	11.2	330.6	333.7	0.9	30.2	9.4	36.
24.9	68.4	7587.3	400.0	-16.4	-19.6	205.7	13.0	7.8	16.2	333.6	340.4	2.0	76.5	11.0	36.
26.4	72.0	8060.9	375.0	-19.7	-23.0	194.9	14.1	3.6	13.6	335.5	341.0	1.6	75.1	12.6	34.
28.3	75.2	8579.1	350.0	-24.1	-27.6	195.2	12.0	3.1	11.6	336.3	340.3	1.1	72.6	13.8	32.
30.2	78.7	9115.8	325.0	-27.5	-31.2	200.9	16.2	5.8	15.2	338.8	341.9	0.9	70.2	15.4	31.
32.2	82.9	9656.3	300.0	-32.0	-38.8	195.8	21.4	5.9	20.8	340.3	342.0	0.4	50.2	17.7	28.
34.2	86.0	10204.3	275.0	-37.1	-42.0	193.6	21.9	5.1	21.2	341.4	342.7	0.3	60.3	20.1	27.
35.3	89.8	10845.6	250.0	-42.6	99.9	195.1	22.1	6.1	21.2	342.8	999.9	99.9	999.9	22.9	26.
38.4	97.6	11649.2	225.0	-47.9	99.9	200.0	22.8	7.8	21.4	345.2	999.9	99.9	999.9	26.2	25.
41.3	102.9	12416.3	200.0	-53.7	99.9	195.6	25.2	7.5	25.1	347.8	999.9	99.9	999.9	29.8	24.
44.7	109.5	13261.1	175.0	-50.4	99.9	206.0	27.0	11.8	24.3	350.3	999.9	99.9	999.9	34.1	24.
47.9	115.0	14209.4	150.0	-65.0	99.9	216.5	23.9	14.3	19.1	358.1	999.9	99.9	999.9	39.8	25.
51.7	122.0	15309.5	125.0	-59.1	99.9	212.3	20.2	10.9	17.0	369.9	999.9	99.9	999.9	44.4	26.
54.1	130.0	16643.5	100.0	-69.5	99.9	999.9	99.9	99.9	99.9	393.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.0	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

23 JUNE 1977  
0 GMT

79 291. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT FPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	771.0	927.2	24.4	21.3	150.0	5.2	-2.6	4.5	304.1	351.0	17.5	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	13.8	791.9	925.0	23.0	18.9	999.9	99.9	99.9	99.9	302.8	343.5	15.2	77.7	999.9	999.
0.7	15.1	1070.2	900.0	21.1	17.4	999.9	99.9	99.9	99.9	303.3	341.2	14.1	79.5	999.9	999.
1.5	18.6	1273.8	875.0	18.4	16.9	999.9	99.9	99.9	99.9	302.9	340.5	14.0	90.7	999.9	999.
2.4	21.0	1522.7	850.0	17.2	16.4	999.9	99.9	99.9	99.9	304.2	342.1	14.0	94.9	999.9	999.
3.2	23.6	1777.6	825.0	15.0	14.2	194.7	6.7	0.6	6.6	304.5	338.3	12.4	94.6	1.3	336.
3.9	26.0	2038.5	800.0	14.4	13.7	194.0	7.3	1.8	7.0	306.6	340.7	12.4	95.2	1.6	342.
4.4	28.7	2304.9	775.0	11.7	10.9	205.8	8.7	3.8	7.8	306.4	335.2	10.4	92.5	2.0	350.
5.9	31.4	2581.8	750.0	11.0	9.6	207.3	8.9	4.1	7.9	308.5	336.6	10.1	91.0	2.4	356.
7.0	34.2	2864.4	725.0	8.8	7.7	203.7	9.5	3.3	8.9	309.1	334.9	9.2	92.8	3.0	3.
9.3	35.8	3154.9	700.0	7.0	5.9	209.3	10.4	5.0	9.2	310.2	333.9	8.4	92.5	3.7	7.
9.6	39.7	3457.6	675.0	4.9	3.6	208.8	12.2	5.9	10.7	311.1	332.2	7.4	91.2	4.5	12.
10.7	42.3	3761.6	650.0	3.9	1.7	212.7	11.3	6.4	9.9	313.4	332.9	6.7	85.8	5.4	14.
12.1	45.7	4080.1	625.0	2.2	0.8	221.1	10.9	7.2	8.2	314.9	334.0	6.5	90.6	6.2	18.
13.4	43.1	4409.5	600.0	0.5	-1.0	231.9	11.1	8.7	6.9	316.7	334.4	6.0	90.1	7.0	21.
14.7	51.0	4750.8	575.0	-0.9	-3.0	270.7	10.1	6.6	7.7	318.9	338.0	5.3	85.5	7.7	24.
16.0	54.1	5105.1	550.0	-3.2	-4.6	209.7	10.4	5.2	9.1	320.3	335.4	5.0	89.8	8.6	25.
17.5	57.0	5472.7	525.0	-5.2	-6.4	195.7	9.3	2.5	8.9	322.1	336.1	4.5	91.5	9.4	25.
19.1	60.4	5855.1	500.0	-6.2	-17.0	209.0	8.4	4.1	7.3	325.5	332.3	2.1	43.3	10.3	24.
20.7	63.7	6255.4	475.0	-8.1	-35.6	232.9	9.9	7.0	5.3	328.0	329.2	0.3	7.9	11.0	26.
22.2	66.9	6672.1	450.0	-11.7	-57.3	232.1	10.7	8.5	6.6	328.5	328.7	0.0	1.0	11.8	28.
23.9	70.4	7107.5	425.0	-15.0	-29.1	215.1	13.5	7.8	11.1	329.7	332.5	0.8	28.8	13.0	29.
25.5	73.9	7563.2	400.0	-18.6	-22.3	210.6	14.4	7.4	12.4	330.8	336.3	1.6	72.7	14.4	29.
27.3	77.5	8042.9	375.0	-21.5	-28.9	206.5	15.8	7.1	14.2	333.1	336.4	0.9	51.2	15.9	29.
29.0	81.3	8547.3	350.0	-25.7	-55.2	203.1	15.9	6.6	15.5	334.1	334.4	0.1	4.3	17.6	29.
31.1	85.4	9089.8	325.0	-29.5	-68.8	201.8	17.7	6.6	15.4	336.1	336.1	0.0	1.0	19.8	28.
33.3	89.4	9647.5	300.0	-33.1	-64.2	999.9	99.9	99.9	99.9	338.8	338.8	0.0	2.7	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 44C  
ROBERT LEE, TEXAS

22 JUNE 1977  
2356 GMT

129 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	555.0	946.2	24.5	21.4	180.0	2.3	0.0	2.3	302.4	348.3	17.3	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	13.5	781.5	925.0	23.7	18.9	195.9	12.3	3.4	11.8	303.6	344.1	15.1	74.5	0.4	4.
1.9	15.9	1074.3	900.0	22.9	16.8	181.3	14.0	0.3	13.9	305.1	342.0	13.6	68.6	1.2	7.
2.9	18.4	1269.7	875.0	20.9	14.7	180.1	14.1	0.0	14.1	305.5	338.8	12.2	67.8	2.1	4.
3.9	20.9	1529.3	850.0	18.6	12.5	183.4	15.4	0.9	15.4	305.8	336.3	11.1	68.4	3.0	3.
4.9	23.6	1774.9	825.0	17.3	11.8	182.6	17.5	0.9	17.5	306.9	336.3	10.6	69.8	4.0	3.
5.9	26.0	2037.5	800.0	15.7	11.0	180.2	17.0	0.1	17.0	307.9	336.6	10.4	73.4	4.9	3.
6.8	28.8	2309.0	775.0	13.8	9.2	181.8	16.0	0.5	16.0	308.7	336.3	9.9	76.7	5.9	2.
7.7	31.6	2585.3	750.0	12.0	7.7	183.3	15.3	1.0	16.8	309.7	334.7	8.9	74.8	6.8	2.
8.5	34.3	2866.7	725.0	9.8	7.5	187.1	15.9	2.1	16.8	310.2	335.7	9.0	85.6	7.8	3.
9.7	37.0	3149.0	700.0	7.9	7.2	191.7	15.5	3.2	15.3	311.2	337.3	9.2	95.5	8.8	4.
10.9	39.9	3430.1	675.0	6.7	5.6	199.6	15.3	2.5	15.1	312.7	337.2	8.5	95.3	9.8	4.
12.0	42.6	3719.5	650.0	4.0	3.3	195.6	15.1	2.5	16.2	313.5	335.2	7.5	95.2	11.0	5.
13.5	45.6	4008.1	625.0	2.4	1.6	190.2	16.1	2.9	15.8	315.2	335.4	6.9	95.0	12.4	5.
15.0	48.8	4297.5	600.0	0.2	-0.6	197.0	14.9	4.4	14.3	316.3	334.4	6.1	94.5	13.8	6.
15.9	51.6	4589.0	575.0	-0.8	-1.5	195.6	15.3	4.5	15.2	319.1	337.0	6.0	94.8	15.4	7.
18.5	54.9	5117.5	550.0	-2.7	-3.5	200.8	12.3	4.4	11.5	320.9	337.2	5.4	94.4	17.0	8.
20.3	58.0	5492.2	525.0	-4.4	-5.3	217.2	9.8	5.9	7.8	323.2	338.4	4.9	93.5	18.0	9.
21.9	61.7	5885.1	500.0	-6.5	-7.4	219.1	8.7	5.5	6.7	325.2	338.9	4.4	93.0	18.7	11.
23.7	64.9	6286.1	475.0	-8.6	-9.8	214.1	8.3	4.7	6.9	327.3	339.4	3.8	91.2	19.6	12.
25.5	68.1	6693.7	450.0	-10.4	-12.7	210.5	9.2	4.7	8.0	328.9	339.2	3.2	90.4	20.4	13.
27.2	71.5	7120.2	425.0	-12.5	-18.3	214.5	9.0	5.1	7.4	330.3	337.4	2.2	74.2	21.3	14.
29.2	75.1	7573.4	400.0	-17.7	-23.4	209.2	10.1	9.3	16.7	332.0	337.0	1.4	60.9	23.0	15.
29.6	75.5	8062.9	375.0	-19.5	-24.9	212.6	14.8	8.0	12.5	337.2	341.9	1.3	56.7	23.7	15.
34.0	83.3	8544.0	350.0	-24.7	-33.7	200.8	12.4	4.4	11.6	336.0	336.3	0.6	41.4	26.4	17.
36.4	87.3	9100.5	325.0	-27.9	-30.3	194.8	13.8	3.5	13.4	338.3	341.7	0.9	79.3	28.3	17.
38.9	91.8	9670.3	300.0	-32.5	-40.8	200.4	13.0	4.5	12.2	339.6	340.9	0.4	42.7	30.1	17.
41.8	96.2	10277.3	275.0	-37.2	-44.6	192.9	14.6	3.3	14.2	341.4	342.4	0.3	45.3	32.6	17.
45.2	100.9	10928.7	250.0	-42.3	-49.9	203.7	17.6	7.1	16.1	343.2	999.9	99.9	999.9	35.7	17.
49.4	106.2	11730.4	225.0	-49.3	-59.9	207.5	15.6	7.2	13.8	343.0	999.9	99.9	999.9	38.8	18.
52.9	111.4	12797.7	200.0	-55.2	-65.6	215.3	16.4	9.5	13.3	345.3	999.9	99.9	999.9	42.9	19.
57.9	117.3	13337.1	175.0	-60.9	-70.9	237.9	18.1	15.3	9.6	349.4	999.9	99.9	999.9	47.5	22.
63.0	123.8	14179.4	150.0	-66.1	-77.9	218.2	18.2	11.2	14.3	356.2	999.9	99.9	999.9	52.1	25.
69.5	130.8	15257.9	125.0	-69.8	-80.9	229.3	10.4	7.9	6.8	368.5	999.9	99.9	999.9	59.0	27.
77.5	138.0	16599.4	100.0	-70.1	-80.9	999.9	99.9	99.9	99.9	392.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

23 JUNE 1977

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

119 101. 1

TIME MIN	CNTCT	HGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CGWP M/SEC	V COMP M/SEC	PDT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	731.0	924.2	25.1	19.7	150.0	5.3	-2.6	4.6	305.1	345.2	15.9	68.0	0.0	0.
09.9	09.9	691.9	1000.0	95.0	95.9	99.9	95.9	55.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	651.9	975.0	99.9	99.9	99.9	99.9	59.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	591.9	550.0	55.9	95.5	99.9	59.9	59.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	531.9	525.0	59.9	95.9	99.9	59.9	59.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	14.2	1014.0	900.0	23.1	18.0	999.9	99.9	99.9	99.9	305.3	344.5	14.6	73.0	999.9	999.9
1.5	14.2	1258.7	875.0	18.4	14.7	999.9	99.9	99.9	99.9	302.9	335.6	12.1	79.1	999.9	999.9
2.3	14.5	1507.5	850.0	17.2	13.7	177.2	9.0	-0.4	9.9	304.1	336.1	11.7	80.2	1.5	352.
3.2	20.7	1752.5	825.0	15.5	12.1	182.4	9.1	1.3	9.0	305.0	336.8	11.6	85.9	2.0	354.
4.2	23.0	2027.5	800.0	13.0	11.0	202.1	9.5	3.5	8.8	306.0	337.7	10.4	82.6	2.5	359.
5.2	25.3	2287.7	775.0	12.5	9.0	209.6	10.7	4.3	9.5	307.3	338.5	9.4	75.5	3.1	4.
6.2	27.7	2564.7	750.0	10.7	7.6	184.6	12.5	3.1	12.1	308.3	339.0	8.8	81.1	3.7	7.
7.3	30.2	2842.2	725.0	9.1	5.4	159.2	11.5	3.7	11.3	309.4	331.5	7.8	77.6	4.5	8.
9.2	32.8	3129.7	700.0	7.2	2.9	207.7	12.3	5.7	10.9	310.5	330.0	6.8	74.3	5.1	10.
9.1	35.7	3416.7	675.0	5.5	2.6	212.9	13.4	7.3	11.2	311.9	331.7	6.9	81.0	5.8	13.
10.2	37.9	3703.7	650.0	3.1	1.2	213.0	12.0	6.5	10.0	312.5	331.3	6.4	86.8	6.7	16.
11.2	40.5	4044.3	625.0	1.1	-0.2	205.3	12.5	5.2	11.4	313.7	331.3	6.0	90.4	7.4	17.
12.5	43.2	4382.3	600.0	-0.5	-1.8	201.3	12.8	4.6	11.9	315.6	332.3	5.6	90.8	8.3	17.
13.5	46.1	4721.1	575.0	-2.2	-3.2	204.0	11.5	4.9	10.9	317.5	332.7	5.1	85.7	9.1	18.
14.7	49.1	5044.2	550.0	-4.1	-6.2	205.4	11.1	5.0	9.9	319.2	332.6	4.4	85.5	9.8	18.
15.7	51.9	5450.3	525.0	-5.9	-9.8	211.6	10.7	5.6	9.1	321.3	332.1	3.5	73.6	10.6	19.
17.1	55.0	5971.4	500.0	-7.6	-14.5	224.2	9.5	6.6	5.8	323.7	331.7	2.5	57.9	11.3	20.
18.6	58.0	6226.7	475.0	-9.4	-22.3	235.0	11.5	9.4	6.6	325.8	330.3	1.3	35.2	12.1	22.
17.9	61.3	5643.9	450.0	-13.3	-25.0	244.4	11.1	10.0	4.8	326.5	330.4	1.1	37.4	12.8	25.
21.5	64.9	7375.8	425.0	-16.1	-21.9	223.7	12.4	9.5	5.0	325.3	332.5	1.6	61.1	13.8	28.
23.2	69.1	7870.9	400.0	-19.0	-24.6	227.3	13.1	9.0	9.6	327.3	334.8	1.3	61.1	15.0	29.
24.9	71.7	8038.9	375.0	-21.4	-36.7	212.7	21.5	11.6	19.1	333.2	334.9	0.4	24.2	15.6	30.
25.5	75.5	8515.4	350.0	-24.2	-45.1	202.0	23.6	5.5	21.9	335.1	335.9	0.2	13.2	18.9	30.
29.4	79.7	9051.7	325.0	-28.2	-54.8	201.6	25.2	9.2	23.4	337.8	338.1	0.1	8.2	21.6	29.
30.0	83.7	9420.6	300.0	-32.7	-62.1	201.6	22.7	8.3	21.1	339.2	340.4	0.3	38.3	24.1	28.
31.6	87.8	10227.2	275.0	-37.9	-69.5	201.0	18.6	6.7	17.4	340.3	340.4	0.0	2.1	25.9	27.
33.6	92.6	10977.3	250.0	-42.7	99.5	192.5	16.8	6.0	17.8	342.6	999.9	99.9	999.9	28.4	27.
36.0	97.6	11579.2	225.0	-48.6	99.9	195.0	22.4	5.8	21.6	344.1	999.9	99.9	999.9	31.0	26.
38.0	102.9	12147.7	200.0	-54.4	95.9	203.7	17.0	6.7	15.6	346.6	999.9	99.9	999.9	33.9	25.
40.9	109.0	13184.4	175.0	-60.5	99.9	203.7	22.6	11.2	19.7	350.1	999.9	99.9	999.9	37.0	25.
43.7	115.2	14124.4	150.0	-66.3	99.9	222.8	24.4	16.6	17.9	357.6	999.9	99.9	999.9	40.7	27.
47.0	122.7	15272.2	125.0	-68.8	99.9	217.1	20.3	19.2	24.1	370.4	999.9	99.9	999.9	46.3	29.
49.9	95.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

23 JUNE 1977  
300 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COVP M/SEC	V COVP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	873.0	915.3	22.2	17.6	150.0	5.3	-2.6	4.6	302.9	341.0	14.2	76.0	0.0	0.
99.9	90.9	800.0	900.0	99.0	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	93.0	99.9	975.0	99.9	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	90.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.5	15.4	1000.1	900.0	23.4	18.6	99.9	99.9	99.9	99.9	303.5	344.1	15.1	82.8	999.9	999.9
1.4	17.7	1244.9	875.0	20.4	18.9	999.9	99.9	99.9	99.9	305.0	348.1	16.0	91.3	999.9	999.9
2.3	20.1	1514.1	850.0	19.7	17.8	160.2	10.7	-3.6	10.0	306.3	348.5	17.3	88.5	1.7	231.
3.3	22.4	1774.1	925.0	19.4	16.5	176.1	6.5	-0.4	6.5	318.0	347.8	14.5	88.9	2.2	334.
4.3	24.0	2049.0	900.0	19.3	14.7	182.5	6.3	0.3	6.8	308.5	345.3	13.3	90.4	2.5	338.
5.2	27.2	2309.5	775.0	15.6	12.1	164.9	5.5	1.4	5.4	300.5	343.7	12.3	90.7	2.8	342.
6.2	29.9	2555.8	750.0	12.0	9.6	189.1	4.7	0.7	4.7	310.6	339.0	10.1	80.4	3.1	345.
7.1	32.4	2700.8	725.0	11.7	6.5	194.0	2.2	0.5	2.1	312.3	336.5	8.5	70.5	3.2	346.
8.3	35.2	2831.8	700.0	9.7	5.0	227.0	1.2	0.9	0.9	312.9	335.0	8.1	76.8	3.3	347.
9.4	37.7	2950.1	675.0	7.1	5.6	277.5	2.0	2.0	-0.2	313.5	338.2	8.5	90.2	3.3	349.
10.5	40.4	3075.9	650.0	5.9	2.5	276.1	3.4	3.4	-0.4	315.7	336.4	7.1	78.4	3.2	352.
11.7	43.1	4026.4	625.0	3.5	2.4	252.9	3.8	3.6	1.1	316.5	338.0	7.3	92.0	3.2	357.
12.9	46.0	4427.6	600.0	1.9	0.7	252.1	3.4	3.2	1.0	318.2	338.1	6.7	92.0	3.3	1.
14.2	49.0	4770.1	575.0	-0.5	-2.1	254.1	3.0	2.9	0.8	319.4	336.6	5.7	86.8	3.4	5.
15.4	51.8	5124.8	550.0	-2.6	-4.4	257.2	3.5	3.5	0.5	321.0	334.4	4.4	75.7	3.5	8.
16.5	54.3	5487.1	525.0	-4.5	-6.2	257.0	4.4	3.7	2.9	323.1	330.6	3.4	64.3	3.7	13.
19.3	57.3	5874.5	500.0	-6.5	-8.5	202.7	4.2	2.1	3.7	324.5	331.9	2.1	44.9	4.0	16.
19.9	61.0	6275.1	475.0	-8.3	-10.2	215.2	6.7	4.0	5.4	326.5	332.3	1.8	48.2	4.5	17.
21.5	64.4	6680.0	450.0	-11.3	-13.0	218.0	7.5	4.9	6.1	327.2	331.0	1.1	35.4	5.2	20.
23.2	67.6	7125.4	425.0	-14.9	-15.9	223.4	10.1	7.1	7.4	329.9	330.8	0.2	8.0	6.0	24.
24.8	70.9	7581.4	400.0	-17.2	-18.2	211.0	13.0	6.7	11.2	322.6	332.7	0.0	1.5	7.1	26.
26.5	74.6	8031.0	375.0	-20.5	-20.5	239.2	14.5	6.9	12.8	334.4	334.5	0.0	1.6	8.6	26.
29.3	79.5	8524.1	350.0	-24.9	-24.3	204.0	15.7	7.3	14.7	335.4	335.6	0.0	2.7	10.2	27.
30.2	82.2	9107.5	325.0	-30.0	-29.7	202.5	20.5	7.3	17.9	333.1	338.2	0.0	3.1	12.2	26.
32.0	84.2	9671.4	300.0	-33.4	-31.8	167.1	21.3	7.0	20.2	339.7	335.9	0.0	3.5	14.5	25.
34.1	90.6	10290.3	275.0	-37.5	-36.4	198.6	20.8	6.5	19.5	330.0	341.0	0.0	4.1	17.2	24.
36.5	95.2	10931.7	250.0	-42.1	-40.9	169.9	22.4	7.7	21.2	342.5	999.9	99.9	999.9	20.3	24.
39.1	100.0	11675.4	225.0	-47.9	-46.9	194.7	23.3	6.7	22.3	345.1	999.9	99.9	999.9	23.6	23.
41.7	105.2	12432.5	200.0	-54.1	-53.1	203.5	24.3	6.7	22.3	347.2	999.9	99.9	999.9	27.5	22.
44.1	110.9	13245.8	175.0	-60.3	-59.3	212.7	24.8	13.2	20.9	349.6	999.9	99.9	999.9	31.0	23.
47.2	117.0	14100.6	150.0	-65.9	-65.6	222.0	22.5	15.0	16.7	356.5	999.9	99.9	999.9	35.4	25.
50.7	124.3	15000.1	125.0	-71.5	-70.6	218.4	15.8	5.8	12.4	372.9	999.9	99.9	999.9	39.6	27.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG



STATION NO. 330  
POST, TEXAS

23 JUNE 1977  
300 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PPFS 4B	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	771.0	926.9	22.1	20.7	190.0	5.5	0.0	5.5	301.7	346.6	16.9	92.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
0.1	13.3	789.0	925.0	21.9	20.4	99.9	99.9	99.9	99.9	301.7	345.7	16.6	91.2	999.9	999.9
1.0	15.6	1027.2	600.0	20.1	18.5	99.9	99.9	99.9	99.9	303.3	342.6	15.1	90.4	999.9	999.9
1.9	17.9	1270.5	875.0	18.5	17.2	99.9	99.9	99.9	99.9	303.0	341.5	14.3	92.3	999.9	999.9
2.8	20.3	1520.0	850.0	17.6	16.3	199.7	11.9	3.0	11.5	308.6	342.1	13.9	92.1	2.1	8.
3.8	22.8	1775.5	825.0	15.8	14.5	199.2	12.7	4.2	12.0	305.3	340.0	12.7	91.9	2.8	9.
4.8	25.2	2037.2	800.0	14.4	13.0	191.8	13.2	2.7	12.9	306.5	339.2	11.9	91.4	3.6	10.
5.7	27.6	2305.9	775.0	13.1	11.1	193.5	15.1	3.5	14.7	307.9	337.9	10.8	87.9	4.3	10.
6.8	30.2	2591.8	750.0	11.5	9.5	190.7	13.9	2.5	13.6	309.0	337.2	10.0	87.9	5.3	10.
7.9	32.9	2855.2	725.0	9.5	8.0	200.1	13.5	4.6	12.7	309.9	336.4	9.4	90.1	6.2	11.
9.0	35.5	3154.4	700.0	8.0	4.9	208.1	11.2	5.3	12.7	311.4	333.7	7.8	80.4	7.0	13.
10.1	38.1	3454.6	675.0	6.4	3.5	211.4	9.7	5.0	11.9	312.9	334.1	7.3	81.6	7.7	14.
11.3	40.7	3745.9	650.0	4.6	2.6	218.5	9.0	5.6	7.1	316.1	324.9	7.1	87.0	8.3	16.
12.6	43.5	4085.2	625.0	2.4	0.7	230.6	9.5	6.4	5.3	315.2	334.3	6.5	88.9	8.9	18.
13.9	46.4	4415.0	600.0	0.7	-0.7	242.3	9.2	7.2	3.7	317.0	325.1	6.1	70.5	9.4	20.
15.1	49.4	4754.4	575.0	-1.2	-2.8	247.0	9.2	7.5	3.2	318.6	334.9	5.4	88.8	9.8	23.
16.5	52.3	5110.3	550.0	-3.3	-5.4	242.1	7.6	6.7	3.6	320.1	334.4	4.7	85.6	10.3	25.
18.0	55.7	5477.0	525.0	-6.1	-10.5	229.2	8.5	6.4	5.5	321.2	331.4	3.3	71.4	10.9	27.
19.5	58.7	5859.1	500.0	-6.5	-13.1	230.8	7.8	5.1	5.9	325.2	327.5	0.7	14.3	11.7	28.
21.2	61.6	6259.5	475.0	-9.5	-15.3	230.4	5.5	4.2	3.5	327.5	327.7	0.0	1.0	12.3	29.
22.9	65.0	6674.8	450.0	-11.0	-17.3	271.8	8.8	6.9	5.4	328.7	328.8	0.0	1.0	12.9	30.
24.5	68.1	7104.0	425.0	-15.0	-22.9	222.2	11.6	7.3	8.6	329.7	330.0	0.1	2.5	13.8	32.
26.0	71.5	7555.4	400.0	-18.6	-21.2	203.3	11.6	4.6	10.7	330.8	336.7	1.8	80.1	14.9	32.
27.5	75.7	8044.2	375.0	-21.9	-24.6	204.3	13.9	5.7	12.7	332.7	337.4	1.4	72.4	16.1	31.
29.5	79.1	8548.5	350.0	-25.5	-28.2	202.6	15.3	7.3	13.5	336.4	334.4	0.0	1.0	17.7	31.
31.6	82.9	9087.1	325.0	-28.9	-38.4	207.9	17.7	9.3	15.7	335.9	336.9	0.0	1.0	19.8	30.
33.7	86.8	9649.9	300.0	-33.7	-45.9	209.4	22.5	11.1	19.7	337.9	328.0	0.0	2.4	22.5	30.
35.9	91.2	10253.6	275.0	-38.6	-48.9	197.1	22.8	6.7	21.9	339.3	340.2	0.2	45.6	25.4	29.
38.7	95.7	10901.4	250.0	-43.9	-56.9	182.3	19.5	2.1	19.3	340.6	999.9	99.9	955.9	28.5	27.
99.9	99.9	99.9	225.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	200.0	92.3	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMO MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

23 JUNE 1977  
25: GMT

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TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PST T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	585.0	545.5	23.0	20.9	150.0	2.1	0.0	2.1	300.9	345.0	16.7	88.0	0.0	0.
99.9	99.9	52.9	500.0	55.9	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	560.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	12.5	785.0	925.0	23.2	23.2	150.1	0.0	0.0	14.8	303.0	343.0	14.1	72.5	0.5	352.
1.7	14.7	1321.5	900.0	22.6	17.4	121.9	0.5	0.5	15.2	304.8	343.0	14.1	72.5	1.3	353.
2.7	16.9	1249.5	875.0	20.6	14.2	150.3	0.1	0.1	16.7	305.2	337.4	11.9	67.0	2.2	359.
3.5	19.1	1520.3	850.0	19.7	13.6	180.1	0.0	0.0	15.4	306.8	338.8	11.6	67.9	3.1	360.
4.5	21.3	1775.8	825.0	17.7	12.0	175.4	15.2	-1.3	16.1	307.3	337.1	10.8	65.1	4.0	355.
5.6	23.5	2040.1	800.0	16.1	11.2	171.5	15.5	-2.3	15.3	308.3	337.7	10.6	73.1	4.9	358.
6.6	25.8	2300.8	775.0	14.2	11.2	177.3	14.3	-0.7	14.3	309.1	339.6	10.9	82.1	5.9	357.
7.7	28.7	2597.1	750.0	13.2	10.5	185.7	12.6	1.2	12.6	310.3	341.2	11.0	87.6	6.8	352.
8.9	30.8	2871.5	725.0	10.4	9.4	190.4	13.0	2.4	12.8	310.9	340.0	10.3	93.4	7.7	359.
10.0	33.3	3137.5	700.0	9.4	7.3	190.3	13.4	2.4	13.1	311.9	338.1	9.3	93.2	8.6	0.
11.4	35.8	3444.1	675.0	6.4	5.6	185.7	13.3	2.0	13.1	312.0	337.3	8.3	93.3	9.7	1.
12.9	38.4	3777.0	650.0	3.9	2.4	182.2	14.0	0.5	14.0	313.4	333.8	7.0	85.4	10.9	2.
14.8	40.9	4091.4	625.0	2.0	0.5	175.1	15.2	-0.4	13.4	314.8	332.5	6.4	85.5	12.5	1.
17.0	43.7	4420.7	600.0	0.4	-1.1	171.1	12.8	0.7	12.8	316.6	334.2	5.9	89.8	14.2	1.
19.7	46.4	4742.2	575.0	-1.0	-2.4	169.9	9.9	5.2	9.9	318.9	335.7	5.6	90.0	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

23 JUNE 1977  
303 SMT

107 144. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	781.0	925.0	22.8	19.5	150.0	4.2	-2.1	3.6	302.6	344.6	15.7	82.0	0.0	0.
99.9	99.9	59.9	1000.0	55.9	96.9	50.9	99.9	99.9	99.9	99.9	999.9	95.9	999.9	599.9	999.9
99.9	99.9	99.9	975.0	99.9	98.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	14.6	1019.0	900.0	20.5	17.9	999.9	99.9	99.9	99.9	302.7	341.6	14.5	84.9	999.9	999.9
1.6	16.6	1254.1	875.0	20.3	16.8	999.9	99.9	99.9	99.9	304.9	342.7	14.0	80.5	999.9	999.9
2.6	18.9	1514.9	850.0	19.9	14.8	185.9	17.6	2.1	17.5	306.9	341.5	12.6	73.3	2.7	3.
3.4	21.0	1772.5	825.0	18.7	13.2	190.5	14.1	2.6	13.9	308.3	340.7	11.7	70.3	3.6	4.
4.4	23.4	2036.4	800.0	16.7	12.4	197.5	11.5	3.5	11.0	308.5	340.4	11.5	77.9	4.3	6.
5.3	25.7	2304.8	775.0	14.9	10.5	213.0	7.1	3.9	6.0	305.9	339.0	10.4	74.7	4.8	8.
6.2	29.1	2584.0	750.0	12.7	8.9	204.1	8.0	3.3	7.3	310.3	337.4	9.6	77.6	5.1	10.
8.4	31.2	3162.4	700.0	10.1	6.8	200.0	10.5	2.9	9.3	311.9	339.5	9.7	83.0	5.7	10.
9.5	35.7	3454.7	675.0	8.2	4.4	208.1	8.7	3.6	9.9	312.7	339.3	8.9	75.8	6.4	11.
10.7	39.3	3776.2	650.0	6.7	1.4	219.2	6.9	4.4	5.4	316.5	335.9	6.6	69.2	7.6	14.
11.8	40.8	4097.4	625.0	4.1	1.0	241.7	6.7	5.9	3.2	317.1	336.6	6.6	80.3	7.9	16.
13.1	47.7	4629.1	600.0	2.2	-1.1	260.3	6.5	6.2	2.2	318.6	336.4	5.9	75.0	8.3	19.
14.3	46.6	4772.2	575.0	-0.1	-3.3	250.7	5.3	5.0	1.8	319.9	335.2	5.2	75.1	8.5	21.
15.5	49.4	5127.1	550.0	-2.8	-4.1	222.1	7.4	4.9	5.5	320.3	336.4	5.1	90.3	8.8	23.
16.7	52.4	5464.9	525.0	-5.7	-4.7	223.7	9.0	5.6	5.6	322.1	335.7	4.4	89.8	9.4	25.
18.0	55.5	5874.8	500.0	-7.1	-16.3	235.6	9.2	6.6	4.6	324.4	331.3	2.1	47.2	10.0	25.
19.4	58.6	6375.7	475.0	-8.4	-41.6	230.7	6.0	5.1	4.2	329.5	330.8	0.7	16.5	10.5	27.
20.8	62.0	6922.2	450.0	-11.1	-30.5	251.5	6.5	6.2	2.1	329.5	330.8	0.7	19.1	11.0	29.
22.3	65.4	7527.6	425.0	-14.9	-59.3	224.7	14.0	9.8	7.9	330.0	330.1	0.0	1.0	11.6	31.
23.8	68.0	7881.5	400.0	-17.6	-24.0	233.6	19.1	10.5	15.9	332.1	336.8	1.4	57.5	13.4	31.
25.3	72.5	8055.0	375.0	-20.2	-62.8	216.8	17.1	10.4	13.8	334.2	324.9	0.0	1.0	14.8	35.
26.7	76.4	8572.5	350.0	-24.2	-57.6	217.7	20.1	12.3	15.9	335.1	316.4	0.1	4.8	16.5	32.
29.1	80.4	9109.5	325.0	-27.5	-33.8	207.3	14.4	6.6	12.8	335.8	341.2	0.7	54.4	18.0	32.
31.9	84.7	9490.5	300.0	-31.7	-32.8	211.7	12.2	6.4	10.4	340.8	342.4	0.4	48.6	19.3	35.
33.8	93.8	10243.4	250.0	-41.7	-44.1	204.6	18.8	7.9	17.1	342.4	343.5	0.3	44.6	20.8	32.
35.7	99.5	11448.4	225.0	-47.7	59.5	199.8	22.1	7.5	20.8	344.2	359.9	99.9	999.9	23.4	31.
38.0	104.0	12415.2	200.0	-53.4	99.9	218.9	22.2	3.5	23.2	345.1	959.9	99.9	999.9	26.4	25.
40.4	110.0	13242.8	175.0	-59.7	99.9	232.6	21.7	13.9	17.3	345.1	999.9	99.9	999.9	29.0	20.
42.9	116.3	14216.7	150.0	-63.5	99.9	232.6	21.7	16.0	17.5	351.4	999.9	99.9	999.9	33.2	30.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

23 JUNE 1977  
1500 GMT

124 100. 0

TIME MIN	CNTCT	HFLIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	Rh PCT	RANGE KM	AZ DG
0.0	13.4	973.0	917.7	22.8	17.3	150.0	8.3	0.0	8.3	303.3	340.2	13.7	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	15.1	1049.3	900.0	20.0	18.2	999.9	99.9	99.9	99.9	302.2	341.7	14.8	85.0	999.9	999.
1.4	17.4	1295.4	875.0	17.7	17.4	999.9	99.9	99.9	99.9	302.2	340.9	14.5	98.1	999.9	999.
2.2	20.0	1537.7	850.0	15.9	15.9	139.2	7.7	1.3	7.6	302.2	339.1	13.5	101.0	1.0	12.
3.0	22.4	1739.1	825.0	14.9	14.5	150.7	6.3	0.1	6.6	304.4	339.0	12.8	98.3	1.4	11.
3.9	25.1	2049.5	800.0	14.7	12.3	164.2	4.5	-1.2	4.4	305.8	336.0	11.3	85.6	1.6	7.
4.9	27.6	2318.7	775.0	14.0	9.6	150.2	3.2	-1.6	2.8	308.9	336.3	9.8	74.8	1.8	4.
5.8	30.2	2598.2	750.0	12.4	5.2	123.0	1.2	-1.0	0.7	310.0	331.3	7.5	61.8	1.9	1.
6.7	33.0	2878.9	725.0	10.4	7.2	117.2	0.4	-0.4	0.2	310.9	330.1	6.7	61.0	1.9	1.
7.7	35.7	3170.5	700.0	8.3	2.0	172.0	1.4	-0.2	1.4	311.7	330.2	6.4	64.6	1.9	359.
8.7	38.5	3470.0	675.0	5.8	-0.1	206.9	3.7	1.7	3.3	312.2	328.7	5.6	65.3	2.1	0.
9.7	41.2	3770.1	650.0	4.0	-1.5	235.8	5.5	2.4	5.0	313.5	329.0	5.3	67.0	2.3	4.
10.7	44.1	4070.1	625.0	1.7	-2.2	264.0	7.5	3.3	6.8	314.4	328.8	5.2	75.3	2.7	7.
11.9	47.2	4428.2	600.0	-0.9	-3.2	212.0	5.4	4.5	7.2	315.1	330.0	5.0	84.2	3.3	11.
13.1	50.2	4762.4	575.0	-2.0	-7.5	203.5	6.4	2.6	5.9	317.7	325.3	3.8	65.7	3.8	14.
14.3	53.1	5117.4	550.0	-2.7	-10.7	201.7	6.4	4.2	4.8	320.9	330.5	3.1	54.0	4.2	15.
15.5	56.1	5494.9	525.0	-5.2	-12.5	224.1	7.0	4.9	5.0	322.2	331.0	2.8	55.8	4.7	18.
16.9	59.4	5866.4	500.0	-8.3	-12.2	221.1	3.5	5.5	6.4	322.9	332.4	3.0	73.6	5.2	21.
18.2	62.6	6262.4	475.0	-11.3	-13.5	214.7	0.4	5.3	7.7	323.8	332.9	2.8	84.5	5.9	23.
19.5	66.0	6677.1	450.0	-11.7	-20.7	207.7	10.8	4.3	9.9	323.6	334.0	1.6	46.9	6.8	24.
21.0	69.7	7112.4	425.0	-15.0	-27.5	202.9	10.5	4.2	10.0	329.7	334.3	1.3	48.0	7.7	24.
22.5	73.2	7567.9	400.0	-19.7	-30.4	205.1	11.4	4.8	10.3	330.7	333.4	0.8	34.6	8.7	24.
24.2	77.0	8045.3	375.0	-22.0	-40.2	190.0	13.1	2.3	12.9	332.5	333.6	0.3	17.1	9.8	23.
25.9	80.9	8549.3	350.0	-25.5	-34.6	187.9	14.4	2.0	14.3	334.3	336.4	0.6	42.5	11.3	21.
27.6	84.8	9093.4	325.0	-29.0	-37.9	180.8	14.5	0.2	14.5	336.7	338.4	0.4	41.7	12.7	19.
29.3	89.0	9650.4	300.0	-33.2	-43.8	153.0	15.8	3.5	15.4	338.7	339.7	0.3	33.2	14.2	18.
31.3	93.6	10259.6	275.0	-38.6	-47.9	205.3	17.4	7.4	15.8	339.4	340.1	0.2	36.3	16.1	18.
33.3	98.2	10903.9	250.0	-43.3	99.9	211.7	17.5	9.2	14.9	341.5	999.9	99.9	999.9	18.3	19.
35.5	103.2	11605.2	225.0	-48.9	99.9	211.6	15.0	8.4	13.6	343.6	999.9	99.9	999.9	20.4	21.
37.3	108.9	12360.0	200.0	-54.2	99.9	207.4	20.7	10.1	15.0	345.9	999.9	99.9	999.9	22.8	21.
40.5	114.5	13215.4	175.0	-59.1	99.9	214.8	24.1	14.9	21.5	352.3	999.9	99.9	999.9	26.6	23.
43.7	121.0	14172.3	150.0	-63.4	99.9	222.4	25.9	17.5	19.1	360.9	999.9	99.9	999.9	31.3	25.
47.0	129.0	15273.6	125.0	-67.3	99.9	216.9	19.2	11.5	15.4	373.2	999.9	99.9	999.9	35.7	28.
51.2	136.0	16620.0	100.0	-67.3	99.9	999.9	99.9	99.9	99.9	397.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

23 JUNE 1977  
1500 GMT

117 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	771.0	970.9	22.0	19.9	190.0	3.2	0.6	3.2	301.3	343.6	16.0	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	12.6	925.4	925.0	20.9	18.6	999.9	99.9	99.9	99.9	300.7	339.9	14.8	86.5	999.9	999.
1.2	15.0	1053.4	900.0	18.4	17.0	999.9	99.9	99.9	99.9	300.5	336.9	13.7	91.3	999.9	999.
2.0	17.1	1305.2	875.0	16.6	15.6	203.6	10.5	4.2	9.6	301.1	335.5	12.9	93.5	1.1	23.
3.0	19.5	1552.4	850.0	15.1	14.0	207.8	9.2	4.3	8.1	301.9	334.2	12.0	93.4	1.7	23.
3.9	21.7	1805.7	825.0	14.7	13.6	215.4	7.3	4.2	5.9	304.1	336.7	12.0	93.0	2.1	25.
4.9	24.2	2066.9	800.0	13.5	12.2	218.4	5.3	3.3	4.2	305.6	336.6	11.3	91.7	2.5	27.
5.9	26.6	2335.5	775.0	13.2	11.7	223.0	4.2	2.9	3.1	309.0	339.2	11.3	90.8	2.7	28.
6.8	29.1	2611.1	750.0	11.1	9.9	211.5	4.0	2.1	3.4	308.7	337.4	10.3	91.8	3.0	30.
7.9	31.7	2905.3	725.0	11.3	6.4	191.1	6.4	1.2	6.3	311.9	335.8	8.4	72.2	3.3	28.
8.9	34.3	3199.1	700.0	9.5	4.6	193.7	6.2	0.4	6.2	313.0	335.1	7.6	71.6	3.7	26.
9.9	36.7	3489.2	675.0	6.8	4.2	195.0	5.5	0.5	5.5	313.2	335.6	7.7	64.0	4.0	24.
11.3	39.4	3792.7	650.0	4.5	2.3	186.1	5.5	0.6	5.5	314.1	334.4	7.0	85.2	4.4	22.
12.6	42.0	4119.0	625.0	2.6	0.6	195.9	6.9	1.9	6.7	315.4	334.3	6.4	87.0	4.9	21.
13.8	44.9	4447.5	600.0	0.8	-2.4	212.3	7.5	4.0	6.4	317.0	333.0	5.4	79.2	5.4	21.
15.1	47.8	4789.2	575.0	-1.1	-3.9	211.5	9.9	5.2	8.5	318.7	333.7	5.0	81.3	6.1	23.
16.3	50.6	5142.9	550.0	-3.5	-5.5	205.4	10.1	4.3	9.1	320.0	334.1	4.6	66.2	6.8	23.
17.5	53.5	5509.2	525.0	-5.9	-16.1	209.3	13.2	6.3	11.6	321.5	328.1	2.1	43.9	7.6	23.
18.9	56.4	5891.0	500.0	-7.2	-15.0	204.4	14.3	7.0	13.0	324.2	331.9	2.4	53.8	8.8	24.
20.3	59.6	6299.2	475.0	-10.2	-14.3	203.0	15.3	6.2	14.6	325.4	334.0	2.7	71.9	10.1	24.
21.8	63.0	6704.4	450.0	-11.5	-24.4	196.0	16.7	4.6	16.0	327.6	331.6	1.2	39.9	11.6	24.
23.4	65.1	7139.0	425.0	-15.0	-35.7	185.1	13.6	1.2	13.6	329.7	331.3	0.4	16.4	13.0	22.
25.1	69.7	7594.4	400.0	-19.2	-30.4	183.8	12.5	0.8	12.5	331.4	334.1	0.8	33.1	14.2	21.
26.8	73.1	8073.7	375.0	-21.5	-31.5	184.9	11.0	0.9	10.9	333.2	335.8	0.7	39.8	15.4	19.
28.4	76.9	8578.7	350.0	-25.4	-35.6	189.9	10.6	1.6	10.5	334.5	336.4	0.5	37.5	16.4	19.
30.1	80.6	9111.9	325.0	-29.7	-41.3	201.1	14.9	5.4	13.9	335.8	337.0	0.3	31.1	17.7	18.
32.0	84.7	9677.9	300.0	-33.9	-43.5	212.2	19.2	10.2	16.2	337.8	338.8	0.3	36.5	19.5	19.
34.3	88.8	10292.3	275.0	-38.6	-44.8	211.3	21.2	11.0	18.1	339.3	340.3	0.2	51.5	22.4	21.
37.1	93.4	10970.1	250.0	-43.9	99.9	215.3	20.7	12.0	16.9	340.9	999.9	99.9	999.9	25.7	23.
39.7	98.0	11629.1	225.0	-49.2	99.9	205.9	17.7	7.7	16.0	343.1	999.9	99.9	999.9	28.6	23.
42.3	102.8	12393.1	200.0	-53.9	99.9	205.0	23.4	9.9	21.2	347.4	999.9	99.9	999.9	31.9	23.
45.5	109.5	13241.1	175.0	-59.3	99.9	212.4	25.2	13.5	21.2	353.7	999.9	99.9	999.9	36.8	24.
48.9	114.5	14201.5	150.0	-63.5	99.9	220.8	27.1	17.7	20.5	350.8	999.9	99.9	999.9	41.7	26.
53.0	121.0	15309.9	125.0	-67.1	99.9	212.1	18.2	9.7	15.4	373.5	999.9	99.9	999.9	46.9	27.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 44C  
ROBERT LEE, TEXAS

23 JUNE 1977  
1459 GMT

133 94. 0

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DS
0.0	12.5	595.0	950.2	25.8	18.4	180.0	3.6	0.0	3.6	301.3	339.3	14.2	72.0	0.0	0.
0.9	09.9	59.0	1000.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	099.9	55.9	955.9	999.9	999.9
9.9	09.9	09.9	575.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	099.9	09.9	559.9	999.9	999.9
0.0	12.5	585.8	550.0	21.9*	18.4	099.9	09.9	09.9	09.9	301.3	339.3	14.2	72.0	999.9	999.9
0.7	15.1	812.6	625.0	21.1*	17.2	099.9	09.9	09.9	09.9	300.9	337.0	13.5	78.3	999.9	999.9
1.4	17.4	1057.0	500.0	15.2	17.0	049.5	09.9	09.9	09.9	301.3	337.8	13.7	87.0	999.9	999.9
2.3	20.1	1200.1	275.0	16.5	15.5	174.9	9.0	-0.8	8.9	301.1	335.3	12.8	53.1	1.0	355.
3.1	22.5	1544.5	200.0	15.2	14.2	131.9	9.4	0.3	9.4	322.1	334.7	11.1	52.7	1.4	355.
3.9	25.2	1755.8	925.0	14.2	13.2	192.4	14.0	3.0	13.7	303.5	335.4	11.7	54.1	1.9	359.
4.7	27.9	2039.9	800.0	12.8	10.2	196.7	14.4	4.1	13.8	304.8	331.9	9.3	54.3	2.7	3.
5.7	30.5	2373.3	775.0	12.4	7.3	200.5	12.8	4.6	12.0	307.1	330.5	8.3	71.3	3.4	7.
6.6	33.3	2692.4	750.0	11.7	6.4	194.8	10.9	2.9	10.6	309.9	331.7	8.1	71.7	4.1	9.
7.7	36.0	2885.0	725.0	9.5	4.3	199.2	9.7	1.2	9.7	309.9	330.5	7.2	70.2	4.7	9.
8.6	38.9	3176.0	700.0	5.2	3.4	179.1	7.5	-0.2	7.5	311.6	331.8	7.0	71.5	5.1	9.
9.7	41.6	3454.5	675.0	7.4	1.0	174.2	8.0	-0.8	7.9	313.9	331.8	6.1	63.8	5.6	8.
10.8	44.6	3747.1	650.0	6.1	-0.4	179.4	7.7	-0.1	7.3	315.8	332.9	5.7	63.1	6.1	6.
12.0	47.9	4137.7	625.0	2.7	-1.7	192.7	7.1	1.6	6.9	316.7	332.9	5.4	67.8	6.6	6.
13.2	50.7	4438.5	600.0	1.5	-3.5	207.5	6.6	3.1	5.9	317.9	332.8	4.9	65.2	7.1	7.
14.5	53.9	4750.5	575.0	-0.4	-5.5	219.0	6.7	4.1	5.3	319.5	333.0	4.4	68.6	7.6	9.
15.9	57.0	5175.1	550.0	-1.0	-7.0	231.1	6.3	4.5	6.9	321.8	331.7	3.2	52.2	8.1	11.
17.3	60.4	5573.5	525.0	-4.7	-9.7	199.7	9.3	3.1	8.8	322.7	333.7	3.5	68.1	8.9	12.
18.7	63.9	5995.0	500.0	-7.5	-10.5	193.0	11.7	2.5	11.2	323.3	334.5	3.5	80.8	9.7	13.
20.2	67.1	6234.0	475.0	-9.9	-13.4	203.2	13.3	5.4	12.7	325.7	334.9	2.9	75.6	10.8	14.
21.9	70.4	6730.0	450.0	-12.0	-18.2	209.5	15.2	7.5	13.2	328.2	334.9	2.0	59.7	12.2	15.
23.3	74.4	7134.5	425.0	-15.5	-20.9	224.1	16.5	6.7	15.1	329.7	334.3	1.7	64.7	13.6	16.
24.7	79.7	7555.1	400.0	-18.0	-41.0	197.4	17.6	4.5	12.9	331.5	332.5	0.3	11.2	14.5	17.
25.4	82.2	8038.7	375.0	-21.5	-41.6	194.1	14.2	3.5	13.8	332.0	334.0	0.3	14.3	16.4	17.
28.2	86.2	8593.4	350.0	-25.5	-59.2	196.2	13.4	3.7	12.8	334.3	334.5	0.0	2.9	17.8	17.
30.1	90.5	9195.3	325.0	-29.7	-69.0	199.2	15.4	5.1	14.6	335.8	325.8	0.0	1.0	19.5	17.
32.1	95.2	9571.9	300.0	-32.5	-51.3	214.4	14.9	3.6	12.1	339.2	339.7	0.1	14.7	21.2	18.
33.9	99.9	10275.9	275.0	-36.7	-49.4	216.2	15.1	3.9	12.2	337.7	338.3	0.1	24.3	22.8	18.
35.0	104.8	10937.2	250.0	-43.7	99.9	214.1	15.5	8.9	12.7	341.1	999.9	0.9	999.9	24.7	20.
36.1	110.2	11432.3	225.0	-49.7	99.9	215.1	19.3	11.3	15.6	342.3	999.9	0.9	999.9	26.6	21.
37.6	115.5	12055.4	200.0	-55.4	95.9	221.7	24.3	14.7	17.7	346.6	999.9	0.9	999.9	29.8	23.
43.5	121.4	13270.4	175.0	-59.6	99.9	223.0	23.2	15.8	16.9	351.6	999.9	0.9	999.9	33.8	25.
45.7	123.3	14192.1	150.0	-65.3	99.9	224.9	22.2	15.6	15.7	357.7	999.9	0.9	999.9	37.8	28.
50.1	125.5	15232.9	125.0	-68.6	99.9	215.7	15.5	9.0	12.6	370.8	999.9	0.9	999.9	41.5	29.
54.4	123.3	16507.1	100.0	-69.1	99.9	999.9	99.9	99.9	99.9	394.2	999.9	0.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

23 JUNE 1977  
1500 GMT

121 95. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM ANGLE MINUTE VALUES

TIME MIN	CNTCT	HFLIGHT GOM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	791.0	927.3	22.8	17.7	120.0	4.6	0.8	4.5	302.4	339.7	13.9	73.0	0.0	0.
0.9	99.0	89.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.0	12.2	202.7	525.0	22.3	17.0	999.9	99.9	99.9	99.9	302.1	332.1	13.4	72.1	999.9	999.9
0.6	14.4	1040.0	900.0	19.1	14.6	999.9	99.9	99.9	99.9	301.2	332.8	11.8	75.2	999.9	999.9
1.3	16.4	1292.1	875.0	17.2	15.0	999.9	99.9	99.9	99.9	301.7	334.9	12.4	86.2	999.9	999.9
2.2	18.5	1523.3	850.0	14.9	13.1	153.1	10.5	2.4	10.2	301.8	332.2	11.3	88.9	1.5	14.
3.0	20.9	1792.4	825.0	14.0	12.2	199.5	9.9	3.3	9.3	303.6	333.2	10.9	89.2	2.1	14.
3.9	23.1	2042.4	800.0	13.4	9.4	200.0	5.9	2.0	5.5	305.5	331.3	9.3	76.6	2.5	16.
4.9	25.5	2110.9	775.0	13.4	9.0	195.9	3.7	1.0	3.6	308.3	332.8	8.8	65.6	2.7	16.
5.9	27.9	2506.5	750.0	11.8	5.6	215.3	4.4	2.7	3.5	309.4	331.2	7.7	65.9	3.0	17.
6.9	30.3	2970.0	725.0	10.1	5.3	212.1	5.3	2.8	4.5	310.6	332.6	7.8	72.0	3.2	19.
9.0	32.9	3161.7	700.0	8.9	1.6	195.0	6.1	1.7	5.9	312.4	330.3	6.2	60.0	3.7	19.
9.1	35.4	3462.4	675.0	6.7	2.4	195.2	6.9	1.8	6.7	313.2	332.8	6.8	74.0	4.0	18.
10.0	37.9	4771.5	650.0	4.3	1.6	196.6	7.1	2.0	6.8	313.8	333.1	6.6	82.7	4.4	18.
11.1	40.3	4090.6	625.0	2.5	-0.5	198.4	4.9	1.5	4.5	315.3	332.2	5.9	81.0	4.9	18.
12.3	43.3	4419.6	600.0	0.1	-5.4	202.1	3.2	1.2	3.0	316.2	329.2	4.3	66.7	5.1	18.
13.6	46.2	4759.7	575.0	-1.9	-7.4	199.6	6.1	2.1	6.0	317.4	329.5	3.8	66.1	5.4	18.
14.6	49.1	5112.4	550.0	-3.5	-9.9	200.3	11.5	4.0	10.8	319.8	330.0	3.3	61.6	6.0	19.
15.0	52.0	5479.2	525.0	-5.4	-11.6	205.3	13.3	5.7	12.0	321.9	331.4	3.0	61.7	7.2	19.
17.1	55.1	5950.0	500.0	-8.0	-13.8	206.9	14.6	6.6	13.0	323.3	333.9	3.4	80.1	7.9	20.
19.4	59.1	6259.0	475.0	-12.2	-14.9	202.2	15.4	5.8	14.3	325.8	334.0	2.5	66.4	9.2	21.
19.7	61.4	6474.5	450.0	-12.2	-22.6	193.6	17.5	4.2	17.3	327.4	332.1	1.4	42.8	10.3	20.
21.2	64.9	7103.8	425.0	-15.1	-55.5	193.5	19.9	4.6	19.3	329.6	329.7	0.0	1.0	12.5	19.
22.7	69.1	7554.8	400.0	-17.4	-61.0	192.5	10.3	0.5	10.3	332.4	332.5	0.0	1.0	12.5	19.
24.3	71.8	8044.8	375.0	-21.5	-71.1	199.1	12.9	1.8	12.8	333.2	335.9	0.7	41.1	14.7	17.
25.9	75.7	8551.2	350.0	-24.2	-83.0	197.2	10.4	3.1	9.9	336.2	337.1	0.2	14.5	15.9	17.
27.5	79.7	9097.0	325.0	-28.7	-84.5	215.7	10.4	6.0	3.4	337.1	337.7	0.1	12.8	16.7	17.
29.2	83.7	9555.0	300.0	-32.7	-57.3	195.0	12.3	3.4	11.8	339.2	339.5	0.1	6.7	17.9	18.
31.0	89.0	10261.5	275.0	-37.6	-58.5	192.5	17.2	3.7	15.8	340.7	340.9	0.0	8.7	19.5	18.
33.2	97.5	11615.3	250.0	-42.6	99.9	209.5	10.2	9.4	16.7	342.8	999.9	99.9	999.9	21.7	18.
35.2	97.5	11615.3	225.0	-47.9	99.9	217.4	17.6	10.7	13.9	345.1	999.9	99.9	999.9	23.5	20.
37.5	102.8	12343.6	200.0	-52.4	99.9	213.3	22.4	12.3	18.7	349.8	999.9	99.9	999.9	27.0	21.
40.0	108.8	13247.3	175.0	-57.0	99.9	218.7	31.1	19.5	24.3	355.9	999.9	99.9	999.9	30.0	23.
42.8	115.2	14200.5	150.0	-62.4	99.9	224.2	24.9	17.4	17.9	362.7	999.9	99.9	999.9	34.9	25.
45.5	122.3	15319.0	125.0	-65.4	99.9	241.0	15.4	13.4	7.4	376.6	999.9	99.9	999.9	38.5	27.
49.0	130.3	16657.3	100.0	-66.1	99.9	999.9	99.9	99.9	99.9	400.0	999.9	99.9	999.9	555.5	599.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 265  
MIDLAND, TEXAS

23 JUNE 1977  
1800 GMT

114 102. 0

TIME MIN	CNTCY	HF/IGHT GD4	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	977.0	919.1	25.0	17.7	150.0	5.8	-2.0	5.5	305.5	343.8	14.1	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.9	1047.2	900.0	21.7	17.2	999.9	99.7	99.9	99.9	302.9	341.4	13.9	75.8	999.9	999.9
1.7	15.9	1291.7	975.0	19.4	17.3	999.9	99.9	99.9	99.9	304.0	342.8	14.4	87.6	999.9	999.9
2.8	17.8	1541.3	950.0	17.6	16.4	168.7	5.5	-1.1	5.4	304.6	342.8	14.0	92.5	1.0	343.
3.9	20.0	1704.8	825.0	15.8	14.1	161.1	4.2	-1.4	4.0	303.4	339.1	12.4	89.2	1.4	343.
4.9	22.0	2059.2	900.0	13.7	12.4	152.4	3.7	0.2	3.7	305.7	337.1	11.4	82.3	1.6	344.
5.9	24.3	2326.1	775.0	12.7	5.4	201.8	2.4	0.9	2.2	307.4	328.0	7.3	61.1	1.8	347.
7.1	26.7	2602.4	750.0	13.2	3.1	150.3	0.1	0.2	0.9	310.9	329.4	6.4	50.2	1.8	349.
9.2	29.5	2865.7	725.0	11.0	2.3	211.2	1.7	0.9	1.4	311.5	329.7	6.3	55.0	1.9	350.
9.4	31.0	3178.4	700.0	9.2	0.9	221.5	2.5	1.6	1.9	311.6	328.7	5.9	59.7	2.0	353.
10.6	33.5	3479.1	675.0	6.0	-0.6	211.9	4.1	2.2	3.5	312.4	329.7	5.9	67.8	2.2	357.
11.9	35.9	3745.9	650.0	4.5	-0.8	197.4	5.5	1.7	5.3	313.1	330.5	5.6	68.1	2.5	2.
13.2	39.3	4105.4	625.0	2.1	-1.9	191.7	5.8	1.2	5.7	313.9	330.8	5.4	74.6	3.0	3.
14.4	40.9	4474.7	600.0	0.7	-5.0	212.3	4.6	2.5	3.9	317.0	330.3	4.4	65.4	3.4	5.
15.8	43.4	4775.6	575.0	-1.4	-7.9	239.4	5.4	4.5	2.7	313.4	329.7	3.7	60.9	3.7	9.
17.3	46.2	5129.8	550.0	-3.3	-10.0	235.6	4.1	3.4	2.3	320.2	330.3	3.2	55.4	3.9	15.
19.8	49.1	5406.8	525.0	-5.6	-13.5	214.0	4.6	2.7	3.9	321.7	330.6	2.8	58.1	4.2	16.
20.3	51.9	5674.9	500.0	-6.2	-15.1	211.9	9.2	4.4	7.0	323.0	330.7	2.4	57.5	4.8	19.
21.9	54.9	6274.5	475.0	-8.9	-17.3	205.5	11.6	5.1	10.7	327.0	328.1	0.3	77.9	5.8	21.
23.6	57.6	6491.0	450.0	-12.1	-19.5	194.7	10.6	2.7	10.2	329.3	330.5	0.7	22.0	7.0	21.
25.4	61.1	7125.5	425.0	-15.7	-21.9	184.8	11.6	1.0	11.6	326.4	330.6	0.3	12.8	8.0	19.
27.1	64.6	7590.7	400.0	-19.5	-29.2	187.1	17.7	2.2	17.6	331.0	332.6	0.4	20.7	9.5	17.
29.1	67.9	8069.9	375.0	-21.1	-31.4	189.8	20.8	3.4	18.6	333.6	337.0	0.8	52.5	14.1	14.
31.0	71.3	8555.5	350.0	-24.7	-34.6	204.3	21.9	4.9	20.5	335.5	338.3	0.8	31.3	16.7	14.
32.1	75.3	9100.7	325.0	-29.0	-38.6	182.9	21.9	6.2	21.3	336.8	338.0	0.3	1.0	19.2	14.
35.1	79.7	9669.7	300.0	-32.9	-41.1	189.6	19.4	8.3	18.3	336.3	339.1	0.0	1.0	19.2	14.
37.3	83.5	10273.9	275.0	-38.0	-44.6	204.3	20.1	6.2	18.3	340.1	340.1	0.0	1.0	21.9	15.
39.5	87.8	10923.7	250.0	-42.9	-49.9	201.3	18.0	6.5	16.7	342.2	999.9	99.9	999.9	24.4	16.
42.1	92.9	11676.0	225.0	-48.7	-54.9	195.7	21.1	6.1	23.2	343.8	999.9	99.9	999.9	27.3	16.
44.8	97.8	12392.2	200.0	-53.1	-59.5	214.2	22.4	12.6	19.6	343.8	999.9	99.9	999.9	30.8	17.
47.9	103.5	13202.2	175.0	-58.3	-64.2	214.2	22.4	13.2	13.1	353.6	999.9	99.9	999.9	34.9	20.
51.0	110.0	14192.6	150.0	-64.2	-69.5	223.0	26.7	18.2	19.5	353.5	999.9	99.9	999.9	39.4	21.
54.7	117.0	15307.7	125.0	-67.5	-74.9	212.7	17.9	5.7	15.1	373.2	999.9	99.9	999.9	43.6	24.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

23 JUNE 1977  
1800 GMT

114 104. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM HALF MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	771.0	930.9	25.1	20.8	160.0	4.7	0.0	4.7	304.4	349.7	16.9	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.2	12.7	827.0	925.0	24.1*	18.2	999.9	99.9	99.9	99.9	303.9	344.3	15.0	72.4	999.9	999.
1.1	15.0	1055.9	900.0	20.9	16.6	999.9	99.9	99.9	99.9	303.0	339.4	13.5	77.5	999.9	999.
1.7	17.0	1309.9	875.0	18.5	16.3	999.9	99.9	99.9	99.9	303.0	339.2	13.5	87.0	999.9	999.
2.5	19.4	1559.5	850.0	15.9	14.8	190.4	7.5	2.5	7.0	302.8	336.7	12.6	93.1	1.2	5.
3.7	21.5	1812.5	825.0	14.5	13.4	202.6	6.8	2.6	6.2	303.9	336.0	11.8	93.1	1.7	10.
5.0	23.9	2072.4	800.0	12.9	10.0	208.3	4.5	2.2	4.0	304.9	331.6	9.7	82.6	2.2	13.
6.2	26.0	2330.5	775.0	12.6	5.1	223.0	2.1	1.4	1.5	307.4	333.7	9.5	76.2	2.4	15.
7.3	29.5	2614.4	750.0	10.5	7.7	207.5	3.4	1.6	3.0	309.0	332.9	8.9	82.7	2.5	16.
8.4	31.0	2866.9	725.0	9.6	7.4	200.2	4.4	1.5	4.2	310.0	335.3	8.9	85.2	2.8	17.
9.5	33.6	3187.8	700.0	7.0	5.3	210.4	5.0	2.5	4.3	310.2	333.1	8.1	89.3	3.1	18.
10.8	36.0	3496.8	675.0	6.7	2.3	203.9	6.8	2.8	6.2	313.2	332.7	6.7	73.3	3.5	19.
12.1	38.6	3795.3	650.0	4.8	-1.4	200.1	7.2	2.5	6.8	314.4	330.2	5.3	63.8	4.1	19.
13.4	41.1	4115.5	625.0	3.1	-3.3	204.6	5.3	2.2	4.8	316.0	330.5	4.8	62.6	4.6	20.
14.6	43.9	4444.6	600.0	-0.5	-2.5	192.9	4.6	1.0	4.5	315.6	329.3	4.6	74.3	4.9	20.
16.0	46.9	4784.4	575.0	-1.9	-7.2	181.0	6.4	0.1	6.4	317.8	329.7	3.9	66.8	5.3	18.
17.5	49.6	5136.7	550.0	-4.2	-10.6	201.2	4.7	3.1	9.1	319.1	328.7	3.1	61.0	6.1	17.
19.0	52.3	5502.9	525.0	-5.6	-12.4	213.1	8.8	4.8	7.4	321.5	330.6	2.8	55.1	6.9	19.
20.6	55.3	5883.8	500.0	-8.5	-15.0	216.5	10.1	6.0	8.1	322.7	330.3	2.4	59.1	7.7	21.
22.1	58.3	6280.1	475.0	-10.7	-18.6	201.4	15.4	5.6	14.3	324.8	330.8	1.9	52.0	8.8	22.
23.6	61.4	6694.8	450.0	-12.	-25.2	197.0	15.8	4.6	15.1	327.2	331.0	1.1	35.7	10.3	21.
25.2	64.9	7129.9	425.0	-15.2	-25.5	209.3	14.4	7.1	12.6	329.5	333.4	1.1	40.7	11.7	21.
26.9	69.0	7584.7	400.0	-18.3	-33.0	219.7	12.5	3.3	10.0	331.7	333.3	0.6	25.9	13.1	23.
28.9	71.4	8064.3	375.0	-21.4	-34.0	204.4	12.5	5.3	11.6	333.2	335.4	0.6	31.5	14.5	24.
31.0	75.1	8559.5	350.0	-25.0	-37.1	185.2	15.0	1.4	14.9	335.1	336.8	0.4	31.0	16.1	23.
32.9	79.0	9107.8	325.0	-29.4	-37.5	157.6	17.4	2.3	17.2	336.1	337.8	0.5	45.0	18.1	21.
35.1	82.8	9669.4	300.0	-34.2	-40.4	191.1	20.0	3.9	19.6	337.1	338.5	0.4	53.1	20.4	20.
37.2	86.8	10272.7	275.0	-39.3	-46.4	195.9	19.1	5.6	18.3	338.3	339.1	0.2	46.5	22.9	19.
39.4	91.2	10919.6	250.0	-44.1	99.9	202.0	17.6	6.6	16.3	340.6	999.9	99.9	999.9	25.3	19.
42.1	95.8	11614.8	225.0	-49.5	99.9	195.5	13.7	5.3	19.0	342.6	999.9	99.9	999.9	28.2	19.
45.1	100.8	12399.4	200.0	-54.4	99.9	210.5	27.2	13.9	23.4	345.5	999.9	99.9	999.9	32.2	20.
48.0	106.3	13224.6	175.0	-59.4	99.9	215.3	26.5	15.3	21.7	351.8	999.9	99.9	999.9	36.6	23.
51.3	112.0	14177.2	150.0	-64.8	99.9	220.2	22.7	14.7	17.4	358.6	999.9	99.9	999.9	41.4	23.
55.0	119.5	15280.2	125.0	-68.0	99.9	207.1	20.6	9.4	18.4	371.9	999.9	99.9	999.9	45.9	25.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

23 JUNE 1977  
1752 GMT

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TIME MIN	CNTCT	HEIGHT GPM	SPFS MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	585.0	549.9	25.0	19.8	169.0	5.2	-1.8	4.9	302.6	344.1	15.5	73.0	6.0	0.
09.9	99.9	99.9	1000.0	99.9	95.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.9	14.5	917.6	925.0	22.0	18.2	999.9	99.9	99.9	99.9	321.8	341.6	14.9	82.0	999.9	999.9
1.7	16.9	1055.9	925.0	20.2	17.2	999.9	99.9	99.9	99.9	302.4	335.6	12.9	82.7	999.9	999.9
2.4	19.5	1209.5	925.0	18.6	17.1	175.2	7.1	-0.5	7.0	303.1	341.2	14.2	90.9	1.3	338.
3.2	22.0	1529.5	950.0	16.8	15.6	199.9	6.2	1.1	6.1	303.7	340.3	1.5	94.5	1.5	343.
4.2	24.8	1803.6	925.0	15.0	14.9	175.7	7.4	2.1	7.1	305.5	341.0	12.1	92.8	1.9	350.
5.3	27.2	2055.6	803.0	14.1	13.0	156.1	8.5	2.3	8.1	306.2	338.7	11.9	92.8	2.4	355.
6.3	30.1	2334.0	775.0	13.0	11.5	205.9	9.4	4.1	8.4	307.8	338.5	11.1	90.6	2.9	360.
7.5	32.9	2609.7	750.0	11.0	9.3	207.9	8.6	4.3	7.4	309.6	336.2	9.9	90.9	3.5	365.
8.6	35.6	2892.5	725.0	9.0	7.5	235.0	8.1	3.6	7.3	309.3	335.9	9.1	90.9	4.0	370.
9.7	38.3	3131.1	700.0	7.3	6.3	185.7	7.6	0.9	7.5	310.5	335.0	8.6	93.4	4.5	375.
10.8	41.1	3493.0	675.0	6.3	6.0	185.7	9.1	0.7	8.1	313.2	335.3	8.7	94.6	5.0	380.
12.2	44.1	3767.0	650.0	4.4	0.3	179.5	9.2	2.7	7.7	313.9	331.7	6.1	75.0	5.7	385.
13.5	47.1	4128.8	625.0	3.9	-1.6	211.0	6.9	3.6	5.9	317.0	333.2	5.4	66.9	6.3	390.
14.8	50.2	4443.5	600.0	1.1	-2.6	235.0	3.9	3.0	2.2	317.4	333.3	5.3	76.2	6.8	395.
16.0	53.1	4765.3	575.0	-1.0	-2.7	215.2	3.9	2.2	3.2	319.9	335.3	5.5	87.7	7.2	400.
17.4	56.3	5139.3	550.0	-3.0	-8.0	205.0	5.3	2.3	4.8	323.6	332.3	3.8	67.9	7.2	405.
19.0	59.5	5507.7	525.0	-5.5	-5.9	203.2	5.9	2.7	6.2	323.0	334.8	3.8	71.9	7.8	410.
20.9	62.0	5892.5	500.0	-7.4	-11.9	193.6	7.3	1.9	7.2	323.0	333.8	2.1	70.0	8.5	415.
22.5	65.4	6293.0	475.0	-9.1	-14.9	181.8	9.7	3.6	9.0	325.2	335.0	2.5	62.4	9.4	420.
24.0	69.2	6705.4	450.0	-11.9	-18.3	168.7	11.0	4.3	9.5	328.3	334.4	1.9	54.0	10.3	425.
25.4	73.4	7131.2	425.0	-14.2	-24.5	150.1	14.2	4.7	12.4	330.5	334.7	1.2	41.9	11.3	430.
26.5	77.2	7537.6	400.0	-17.0	-32.4	135.7	16.9	4.8	16.2	331.3	334.0	0.6	26.8	12.5	435.
28.3	81.0	8154.3	375.0	-21.6	-37.7	120.0	17.3	3.0	17.0	333.0	335.1	0.6	22.3	14.2	440.
30.9	85.1	8943.7	350.0	-24.0	-42.3	105.5	19.7	5.9	17.7	334.4	337.5	0.3	18.9	16.9	445.
32.8	89.2	9172.3	325.0	-29.4	-52.7	203.1	15.1	6.1	14.9	337.5	337.9	0.1	7.6	19.1	450.
34.8	93.6	9697.9	300.0	-37.0	-58.5	205.0	19.1	9.1	17.4	339.3	336.1	0.1	8.8	21.0	455.
37.1	98.0	10207.7	275.0	-37.2	-55.3	203.7	24.8	11.9	21.6	341.3	341.6	0.1	13.0	24.2	460.
39.6	102.8	10644.4	250.0	-42.9	-59.9	203.0	25.9	12.1	24.9	343.3	340.9	59.9	955.9	27.5	465.
42.7	108.2	11425.8	225.0	-46.9	99.0	213.2	25.4	13.3	22.8	343.6	340.9	95.9	999.9	32.9	470.
45.6	113.5	12413.8	200.0	-54.3	99.0	213.0	25.8	15.5	21.2	343.6	340.9	95.9	999.9	37.4	475.
49.4	119.7	13256.5	175.0	-59.7	95.5	221.1	23.1	15.1	17.3	341.5	340.9	95.9	995.9	42.6	480.
53.7	125.0	14206.7	150.0	-65.3	99.5	224.7	22.6	16.5	15.5	335.7	340.9	95.9	995.9	48.2	485.
58.0	132.8	15322.2	125.0	-70.7	99.9	227.8	17.5	13.3	12.0	327.0	340.9	95.9	995.9	53.2	490.
63.5	140.0	16625.0	100.0	-65.9	99.9	999.9	99.5	99.9	99.9	327.7	340.9	99.9	999.9	999.9	999.9
69.9	99.9	69.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

23 JUNE 1977  
1800 GMT

130 98. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	781.0	927.6	23.9	18.2	200.0	4.2	1.4	3.9	303.5	342.4	14.5	71.0	3.0	0.
99.9	99.9	99.9	1000.0	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	520.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	12.1	805.6	525.0	22.6	15.2	999.9	99.9	99.9	99.9	302.5	334.5	11.9	63.0	99.9	99.9
9.9	15.4	1044.2	900.0	21.2	17.0	999.9	99.9	99.9	99.9	303.3	340.2	13.7	77.0	99.9	99.9
1.7	17.9	1288.4	875.0	19.1	17.0	999.9	99.9	99.9	99.9	303.6	341.6	14.1	87.5	99.9	99.9
2.7	20.7	1537.6	850.0	16.7	15.4	191.8	6.8	1.4	6.7	303.7	339.2	13.1	92.1	1.2	13.
3.7	22.6	1792.6	825.0	15.4	14.2	186.2	7.2	3.8	7.1	304.9	333.9	12.5	92.6	1.6	12.
4.5	25.1	2054.0	800.0	14.6	13.5	190.1	5.3	0.0	5.3	306.7	340.3	12.3	93.0	1.9	10.
5.5	27.5	2323.1	775.0	13.2	12.2	174.8	6.0	-0.5	6.0	308.1	340.3	11.6	93.4	2.2	9.
6.4	30.3	2599.5	750.0	12.1	10.6	157.8	5.0	-1.9	4.7	309.7	339.9	10.8	94.4	2.5	6.
7.6	33.0	2893.3	725.0	10.9	7.9	181.5	6.1	0.2	5.1	311.4	337.7	9.3	81.4	2.9	3.
8.7	35.5	3176.7	700.0	9.5	7.4	205.0	6.3	2.7	5.7	313.0	335.5	9.3	86.4	3.3	5.
9.8	38.4	3474.3	675.0	7.5	5.1	206.6	5.7	2.6	5.3	314.0	337.7	8.2	85.1	3.6	7.
10.9	41.1	3788.7	650.0	5.3	2.8	204.2	4.3	1.8	4.0	314.9	336.1	7.3	84.1	4.0	9.
12.0	44.1	4100.1	625.0	3.7	-3.8	206.1	2.7	1.2	2.4	316.7	330.5	4.6	57.9	4.2	10.
13.3	47.3	4439.5	600.0	1.6	-5.0	205.4	4.4	1.9	4.0	318.0	331.4	4.4	61.8	4.4	11.
14.6	50.3	4781.9	575.0	-0.5	-8.8	199.2	6.7	2.2	6.3	319.4	330.0	3.4	53.7	4.8	12.
15.7	53.4	5135.1	550.0	-1.5	-10.9	192.8	9.0	2.0	8.7	321.1	320.7	3.0	52.5	5.4	12.
17.0	56.4	5504.2	525.0	1.8	-11.7	218.6	4.5	2.8	3.5	322.7	322.1	3.0	58.1	6.0	12.
18.4	59.9	5837.0	500.0	-5.1	-18.5	223.2	9.2	6.9	6.1	325.6	331.4	1.7	35.9	6.2	16.
19.7	63.3	6286.7	475.0	-8.2	-32.0	216.9	13.9	8.3	11.1	327.8	330.2	0.7	16.1	7.3	19.
21.2	66.7	6743.0	450.0	-10.3	-56.4	207.5	12.5	5.8	11.1	330.3	330.4	0.0	1.0	8.1	21.
22.7	70.4	7143.0	425.0	-12.5	-59.5	202.5	17.2	6.6	15.9	331.6	331.7	0.0	1.0	9.6	21.
24.2	74.2	7595.9	400.0	-17.0	-59.1	198.1	21.2	6.6	20.1	332.9	333.1	0.0	1.4	11.3	21.
25.7	78.7	8097.8	375.0	-20.2	-59.7	185.4	22.1	5.9	21.3	334.9	335.4	0.1	6.4	13.3	21.
27.4	82.3	8593.2	350.0	-23.2	-55.1	193.7	19.5	4.6	19.0	337.4	338.1	0.2	10.8	15.5	19.
29.1	86.4	9127.4	325.0	-27.4	-34.9	200.8	16.7	5.9	15.6	338.9	341.1	0.6	48.3	17.3	19.
30.9	91.0	9697.4	300.0	-32.1	-45.1	197.6	22.4	6.7	21.3	340.1	341.0	0.2	25.9	19.7	19.
32.8	95.8	10305.8	275.0	-37.1	-73.8	207.2	13.0	8.2	16.0	341.5	341.6	0.0	1.0	21.5	19.
34.8	100.9	10959.3	250.0	-41.2	99.9	202.5	19.0	9.1	16.7	344.8	999.9	99.9	99.9	24.3	20.
35.0	106.3	11665.1	225.0	-45.7	99.9	212.9	25.5	13.9	21.4	346.9	999.9	99.9	99.9	25.8	21.
37.0	112.0	12434.3	200.0	-51.8	99.9	211.3	35.1	18.2	30.0	350.8	999.9	99.9	99.9	30.1	23.
41.4	118.0	13232.9	175.0	-56.7	99.9	219.4	21.9	16.9	16.9	356.4	999.9	99.9	99.9	33.6	25.
43.9	125.0	14256.0	150.0	-61.5	99.9	225.9	23.6	16.9	16.4	363.9	999.9	99.9	99.9	36.6	27.
46.8	132.7	15371.5	125.0	-65.5	99.9	215.4	18.0	10.4	14.7	376.4	999.9	99.9	99.9	40.7	28.
50.0	140.5	16720.5	100.0	-65.0	99.9	999.9	99.9	99.9	99.9	400.3	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

23 JUNE 1977  
2100 GMT

112 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP2 M/SEC	V COMP2 M/SEC	POT - DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
3.3	11.4	973.0	916.0	28.9	15.8	133.0	7.3	-5.6	4.7	309.7	346.5	13.3	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	12.7	1033.8	925.0	24.7	15.4	99.9	99.9	99.9	99.9	307.0	353.1	13.2	55.9	999.9	999.9
1.8	14.7	1275.8	875.0	22.9	15.3	99.9	99.9	99.9	99.9	307.4	342.3	12.7	63.0	999.9	999.9
3.0	16.5	1527.6	850.0	20.1	14.6	137.8	5.4	-25.9	4.5	307.2	341.4	11.5	71.0	0.9	325.
4.5	18.5	1788.9	825.0	17.5	14.4	147.7	5.3	-24.7	4.2	307.1	341.8	12.6	82.0	1.4	326.
5.5	20.5	2043.0	800.0	15.5	12.9	154.1	2.0	-0.5	1.9	307.7	340.4	11.8	84.2	1.6	326.
6.3	22.7	2317.7	775.0	15.2	6.7	233.1	2.1	1.8	1.1	310.2	332.9	8.0	56.9	1.7	329.
7.1	24.9	2582.3	750.0	13.5	4.2	283.4	2.9	1.9	2.1	311.7	331.8	7.0	52.5	1.7	333.
9.1	27.0	2890.2	725.0	11.5	3.4	244.5	4.2	3.8	1.8	312.0	331.7	6.8	57.8	1.7	340.
9.5	27.7	3173.7	700.0	9.1	2.2	230.3	4.7	3.6	3.0	312.6	331.3	6.4	61.8	1.9	351.
11.0	31.7	3477.7	675.0	7.8	0.3	234.1	4.3	3.5	2.5	314.4	331.4	5.8	55.0	2.1	1.
12.2	34.2	3783.8	650.0	5.3	-1.5	237.3	3.1	2.6	1.7	314.9	330.6	5.3	61.4	2.3	7.
13.4	36.4	4103.6	625.0	3.5	-3.0	216.9	2.3	1.3	1.8	316.5	331.2	4.9	62.3	2.4	10.
14.6	39.0	4437.9	600.0	1.4	-5.8	223.9	3.0	2.1	1.8	317.7	330.3	4.1	58.6	2.5	11.
16.0	41.4	4776.3	575.0	-0.9	-7.9	215.5	3.5	2.2	2.7	313.9	330.2	3.7	55.1	2.9	15.
17.6	44.2	5126.1	550.0	-2.1	-9.4	197.5	5.0	0.7	5.0	320.4	331.1	3.4	61.8	3.2	15.
19.1	47.0	5484.2	525.0	-5.7	-9.9	195.6	6.2	1.7	6.2	321.6	332.3	3.4	72.2	3.7	15.
20.7	50.0	5874.6	500.0	-8.6	-13.1	195.6	9.1	2.2	9.2	322.5	331.4	2.8	65.6	4.4	14.
22.2	52.6	6273.5	475.0	-10.0	-22.3	202.8	11.1	4.3	10.2	325.5	330.2	1.4	36.4	5.2	16.
23.8	55.6	6680.6	450.0	-11.5	-15.0	203.9	13.9	6.7	14.1	325.7	335.0	1.9	52.2	6.9	17.
25.5	58.5	7125.6	425.0	-13.2	-22.4	205.3	14.0	7.1	15.0	330.5	335.8	1.5	49.5	8.2	19.
27.4	62.1	7592.4	400.0	-17.0	-22.9	193.4	17.5	5.7	16.2	331.8	336.9	1.5	64.5	10.0	20.
29.4	65.5	8052.0	375.0	-21.5	-25.0	195.9	19.6	5.7	18.9	333.2	337.4	1.2	66.8	12.3	19.
31.6	69.1	8513.3	350.0	-25.1	-36.5	193.7	19.1	4.3	19.1	334.9	336.7	0.5	33.8	14.8	19.
33.6	72.7	8973.0	325.0	-28.5	-51.3	184.4	19.2	4.8	19.6	337.4	337.8	0.1	5.0	17.3	18.
35.9	76.8	9430.1	300.0	-33.1	-57.7	195.1	19.6	5.1	18.7	339.3	339.1	0.1	10.5	19.7	18.
37.3	80.9	9875.5	275.0	-35.1	-56.3	204.9	19.8	5.2	17.7	340.0	340.3	0.1	12.7	22.3	18.
40.3	85.7	10345.1	250.0	-43.0	99.9	202.2	20.6	7.5	19.4	342.1	999.9	95.9	955.9	25.1	19.
43.7	90.0	10877.4	225.0	-49.0	99.9	203.9	22.4	10.3	19.6	344.9	999.9	99.9	999.9	29.4	20.
45.2	95.2	12405.0	200.0	-57.5	99.9	210.5	22.9	11.5	19.7	348.1	999.9	99.9	999.9	31.6	21.
43.0	100.8	13241.9	175.0	-59.9	55.9	218.9	24.7	15.5	19.2	351.1	999.9	99.9	999.9	35.4	22.
51.2	107.1	14103.3	150.0	-65.2	99.9	217.6	20.9	12.7	16.6	357.3	999.9	99.9	999.9	39.9	24.
54.9	114.3	15251.7	125.0	-69.1	99.9	212.1	19.3	9.5	15.2	359.3	999.9	99.9	999.9	44.3	25.
99.9	99.9	99.9	100.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 19 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

23 JUNE 1977  
2100 GMT

127 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	771.0	929.9	28.0	21.5	143.0	2.2	0.0	2.2	307.5	355.6	17.7	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	14.7	817.6	925.0	25.3	99.9	099.0	99.9	99.9	99.9	305.2	999.9	99.9	999.9	999.9	999.
0.9	17.0	1055.2	900.0	21.2	15.3	999.9	99.9	99.9	99.9	303.3	336.6	12.3	69.3	999.9	999.
1.6	19.7	1700.1	875.0	19.1	14.8	999.9	99.9	99.9	99.9	303.7	336.9	12.3	76.2	999.9	999.
2.5	22.0	1549.2	850.0	16.9	12.9	181.3	5.6	0.1	5.6	303.8	334.2	11.1	77.5	0.8	4.
3.6	24.3	1803.7	825.0	14.5	11.4	172.6	5.1	-0.7	5.1	303.9	332.2	10.3	81.6	1.1	2.
4.7	27.2	2067.8	800.0	13.0	10.6	167.7	4.5	-1.0	4.4	305.1	332.8	10.1	84.9	1.5	360.
5.8	29.9	2330.9	775.0	11.8	9.8	162.9	4.0	-1.2	3.9	306.5	332.1	9.2	81.9	1.7	357.
6.9	32.7	2605.3	750.0	9.7	7.7	175.5	3.0	-0.2	3.0	307.1	331.9	8.9	87.1	1.9	356.
7.9	35.4	2886.9	725.0	8.4	6.2	193.9	3.8	0.9	3.7	308.7	332.0	8.3	86.3	2.1	357.
8.8	38.1	3175.7	700.0	6.5	3.8	197.0	4.3	1.3	4.1	309.7	330.3	7.2	82.4	2.4	359.
9.9	40.8	3475.2	675.0	5.6	1.1	167.5	5.1	1.5	4.9	311.9	329.8	6.2	72.8	2.7	1.
11.1	43.8	3787.3	650.0	3.8	-1.1	198.5	5.1	1.6	4.9	313.3	329.3	5.4	70.3	3.0	4.
12.3	46.9	4101.1	625.0	1.2	-3.3	191.4	5.7	1.1	5.2	313.3	328.1	4.8	71.9	3.4	5.
13.6	50.0	4429.6	600.0	-0.9	-5.4	204.9	6.8	2.7	5.9	315.2	327.2	4.0	65.5	3.8	6.
14.8	52.9	4767.6	575.0	-3.3	-9.2	209.1	7.5	3.7	6.6	316.1	326.3	3.3	63.8	4.3	9.
16.2	55.9	5118.4	550.0	-5.2	-7.4	201.0	5.6	2.0	5.2	317.9	330.1	4.0	84.4	4.9	11.
17.7	59.3	5482.7	525.0	-7.3	-12.6	222.4	5.2	3.5	3.8	319.7	328.3	2.8	65.5	5.3	12.
19.2	62.6	5842.4	500.0	-5.3	-13.2	221.0	8.2	5.4	6.2	321.7	330.4	2.8	73.2	5.8	15.
20.8	66.0	6257.5	475.0	-1.1	-25.9	210.7	12.4	7.9	9.5	324.3	326.9	0.7	21.2	6.7	19.
22.4	69.6	6672.1	450.0	-13.1	-24.5	210.5	12.8	6.5	11.1	326.9	330.2	1.0	31.0	7.9	22.
24.0	73.0	7105.7	425.0	-16.4	-28.1	204.3	12.2	7.5	16.6	329.3	332.4	0.9	32.6	9.3	22.
25.7	75.9	7560.7	400.0	-18.8	-29.4	202.3	21.5	8.2	20.0	330.6	333.5	0.8	38.3	11.4	22.
27.5	80.9	8039.7	375.0	-21.7	-30.2	203.5	20.7	8.2	19.0	332.8	335.7	0.8	46.0	13.7	22.
29.4	84.9	8542.9	350.0	-25.8	-25.2	195.6	21.0	5.6	20.2	334.0	336.0	0.5	40.0	16.0	22.
31.4	89.0	9075.2	325.0	-30.3	-45.8	197.9	21.7	6.6	20.6	334.9	335.6	0.2	20.2	18.6	21.
33.5	93.5	9640.7	300.0	-34.3	-55.7	194.9	23.6	6.9	22.6	337.1	337.3	0.1	9.2	21.4	21.
35.8	98.0	10242.6	275.0	-35.5	-59.6	194.3	21.7	5.4	21.1	337.8	338.0	0.0	9.7	24.6	20.
38.4	102.8	10897.0	250.0	-45.1	99.9	193.5	24.1	5.6	23.4	339.0	999.9	99.9	999.9	28.0	19.
41.0	108.0	11591.4	225.0	-50.5	99.9	197.9	25.8	8.0	24.6	341.1	999.9	99.9	999.9	32.0	19.
44.0	113.5	12340.1	200.0	-56.2	99.9	202.0	25.3	9.5	23.4	343.9	999.9	99.9	999.9	36.5	19.
47.1	119.5	13177.1	175.0	-62.6	99.9	211.3	25.0	13.0	21.3	345.7	999.9	99.9	999.9	41.2	20.
50.6	125.9	14117.8	150.0	-47.0	99.9	212.6	26.2	14.1	22.0	354.7	999.9	99.9	999.9	46.8	21.
54.5	133.0	15209.6	125.0	-49.1	99.9	220.0	19.0	11.6	13.8	369.8	999.9	99.9	999.9	51.5	23.
59.2	140.0	15548.6	100.0	-66.2	99.9	999.9	99.9	99.9	99.9	399.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

23 JUNE 1977  
2053 GMT

128 94. 0

TIME MIN	CNCT	HEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH FCT	RANGE KM	AZ DG
0.0	11.0	595.0	949.2	23.7	23.2	170.0	5.2	-0.9	5.1	301.3	342.7	16.0	81.0	0.0	0.
99.9	99.9	60.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	555.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	13.4	502.7	925.0	19.8	17.0	999.9	99.9	99.9	99.9	299.6	334.9	13.3	83.6	999.9	999.9
1.9	15.8	1045.9	903.0	15.4	15.0	999.9	99.9	99.9	99.9	300.4	334.6	12.8	85.9	999.9	999.9
3.5	20.7	1287.8	875.0	17.2	14.5	173.1	12.7	-1.5	12.6	301.6	333.9	12.0	84.5	1.4	34.7
4.4	23.2	1740.1	925.0	14.1	12.4	180.4	11.9	0.1	11.9	303.5	333.6	11.1	89.7	2.6	32.2
5.4	25.7	2042.2	900.0	12.9	11.3	176.9	10.2	-0.6	10.2	304.9	334.1	10.6	89.9	3.3	35.4
6.2	29.3	2315.3	775.0	11.5	9.8	192.9	9.5	0.5	9.6	306.2	333.7	9.9	85.3	3.8	35.4
7.1	31.0	2590.2	750.0	9.4	7.3	193.7	8.7	1.6	8.5	305.8	331.7	8.9	89.4	4.3	35.6
8.2	33.3	2771.8	725.0	8.1	5.5	194.6	8.1	2.0	7.9	304.4	332.1	8.4	85.6	4.8	35.8
9.2	35.3	2951.5	700.0	6.4	4.5	192.6	9.1	1.3	7.9	303.6	331.6	7.8	85.5	5.2	35.9
10.3	39.2	3459.9	675.0	5.0	3.2	188.9	8.1	1.3	8.2	311.2	331.2	7.2	88.0	5.7	0.
11.3	41.0	3747.5	650.0	3.2	1.3	184.4	7.1	0.6	7.2	312.6	331.6	6.5	87.3	6.2	1.
12.4	44.8	4056.3	625.0	1.3	-2.2	185.6	6.7	1.0	6.6	314.0	329.5	5.2	77.0	6.7	1.
13.5	47.9	4417.4	600.0	-0.5	-3.2	187.4	6.2	1.4	6.1	314.3	329.6	4.3	70.4	7.1	2.
14.7	50.3	4732.0	575.0	-2.2	-4.6	195.9	6.4	1.7	6.1	317.3	331.7	4.8	84.2	7.6	2.
15.8	53.9	5105.3	550.0	-4.1	-7.8	211.2	6.3	3.5	6.0	319.2	331.1	3.9	75.8	8.0	3.
17.0	56.9	5471.5	525.0	-5.4	-10.3	217.4	8.2	5.0	6.5	323.4	334.2	3.4	81.6	8.4	6.
18.3	60.3	5857.3	500.0	-7.9	-13.5	205.0	8.8	3.9	7.9	323.4	334.2	2.7	72.3	9.0	7.
19.6	63.6	6251.1	475.0	-9.9	-14.0	199.0	10.3	3.2	9.9	325.7	334.5	2.7	72.3	9.8	9.
21.3	67.0	6656.9	450.0	-13.3	-17.7	191.8	10.3	2.0	9.5	327.3	334.7	2.1	63.5	10.8	5.
22.9	70.4	7102.1	425.0	-14.5	-20.1	200.5	11.1	3.9	13.4	331.4	334.4	1.2	39.4	11.7	10.
24.6	74.0	7556.4	400.0	-17.3	-23.7	199.5	15.4	5.1	14.5	332.6	333.4	0.2	2.8	13.1	11.
26.1	79.0	8079.3	375.0	-21.1	-26.7	197.2	19.0	5.3	17.2	333.7	337.7	1.1	59.9	14.6	12.
27.8	81.7	8544.0	350.0	-24.5	-29.5	202.2	19.4	7.5	19.3	335.9	335.8	0.0	1.0	16.6	12.
29.6	85.7	9041.2	325.0	-28.8	-33.1	194.3	19.5	4.8	18.4	337.1	339.7	0.7	66.2	18.7	13.
31.7	90.0	9647.3	300.0	-34.2	-37.1	191.9	19.1	3.9	18.7	337.2	338.4	0.3	45.1	21.0	13.
33.9	94.4	10251.3	275.0	-38.5	-41.2	192.9	20.8	4.5	20.3	339.4	339.4	0.0	1.0	23.7	13.
36.0	99.0	10855.3	250.0	-47.3	-49.9	195.1	20.1	5.2	19.4	341.0	999.9	99.9	999.9	26.4	13.
38.2	104.0	11494.8	225.0	-53.9	-59.9	207.6	19.7	5.2	17.6	342.3	999.9	99.9	999.9	28.8	14.
40.8	109.6	12154.8	200.0	-58.9	-65.9	200.3	18.4	12.2	14.4	344.7	999.9	99.9	999.9	31.8	16.
43.7	115.2	12845.3	175.0	-61.7	-69.9	225.4	21.4	15.5	14.7	345.1	999.9	99.9	999.9	34.5	18.
45.3	121.7	14176.2	150.0	-67.6	-76.9	225.6	24.2	17.3	15.2	352.6	999.9	99.9	999.9	38.0	21.
50.1	128.7	15274.6	125.0	-70.5	-80.9	223.2	16.5	11.3	12.0	357.3	999.9	99.9	999.9	42.5	24.
54.9	136.3	16584.7	100.0	-69.8	-89.9	999.9	80.5	99.9	99.9	392.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

23 JUNE 1977  
2100 GMT

127 94. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.5	781.0	925.4	25.0	15.6	150.0	5.6	-2.8	4.8	304.9	347.1	15.7	72.0	0.0	0.
99.9	99.9	69.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	69.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	69.0	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.6	764.3	925.0	24.4	19.5	999.9	99.9	99.9	99.9	304.3	346.3	15.6	74.2	999.9	999.9
0.7	14.9	1073.5	500.0	21.4	18.7	599.9	99.9	99.9	99.9	304.5	344.5	15.3	84.6	999.9	999.9
1.5	17.0	1378.2	875.0	20.0	17.3	599.9	99.9	99.9	99.9	304.6	343.4	13.4	84.4	999.9	999.9
2.4	19.4	1528.5	850.0	17.8	15.9	164.3	7.6	-2.1	7.3	304.8	341.4	13.5	88.5	1.6	344.
3.2	21.5	1784.3	825.0	15.9	15.3	173.6	6.8	-0.7	6.7	305.4	342.0	13.4	96.2	1.9	344.
4.2	23.9	2045.9	800.0	14.2	13.4	192.0	6.6	1.4	6.4	306.3	339.8	12.2	95.2	2.3	348.
5.5	26.2	2314.8	775.0	13.4	12.8	197.1	6.5	1.9	6.3	308.2	341.7	12.1	96.2	2.7	352.
6.3	28.9	2591.2	750.0	12.1	11.5	207.0	6.2	2.8	5.6	309.7	341.8	11.5	96.7	3.0	355.
6.9	31.7	2876.1	725.0	11.5	11.0	212.0	5.3	2.5	4.1	312.0	344.3	11.5	96.7	3.2	357.
7.3	34.0	3165.6	700.0	9.9	9.4	210.6	2.9	1.5	2.5	313.4	343.8	10.7	96.9	3.2	358.
7.9	36.6	3477.3	675.0	8.3	7.8	202.9	1.9	0.9	1.8	314.9	343.4	9.9	96.8	3.3	359.
8.4	39.4	3784.5	650.0	6.9	6.4	200.7	1.0	0.4	1.0	316.8	344.0	9.4	96.6	3.4	359.
9.3	42.0	4105.9	625.0	2.8	2.0	203.3	1.8	0.7	1.7	315.7	336.5	7.1	94.6	3.3	359.
10.0	44.9	4437.5	600.0	2.9	2.4	185.3	5.1	1.0	9.1	319.5	342.1	7.6	96.0	3.3	0.
11.0	48.0	4790.5	575.0	-2.9	-6.4	151.1	13.2	2.6	13.0	316.6	329.2	4.1	76.7	4.6	1.
12.9	50.9	5132.8	550.0	-2.9	-3.4	351.1	3.7	0.6	-3.7	320.7	332.2	3.7	65.7	4.9	4.
15.9	57.1	5991.4	500.0	-6.4	-21.0	167.6	10.1	2.4	9.8	325.2	330.0	1.4	30.3	5.0	9.
17.0	60.6	6291.2	475.0	1.9	-19.3	187.7	14.2	1.9	14.0	325.0	333.2	1.9	46.3	5.8	3.
19.2	64.0	6657.0	450.0	-1.4	-18.2	192.5	21.2	4.6	20.7	327.7	334.4	2.0	61.8	6.9	8.
21.6	67.4	7137.5	425.0	-13.5	-32.0	190.1	15.0	2.6	14.8	331.7	333.8	0.6	19.3	9.4	9.
23.4	70.9	7591.1	400.0	-17.5	-35.6	200.5	18.2	6.4	17.1	332.2	333.9	0.5	18.7	11.4	10.
25.0	74.3	8078.8	350.0	-20.6	-29.4	207.2	13.3	5.5	12.8	334.3	337.4	0.9	45.0	12.8	12.
26.5	79.9	8578.8	300.0	-23.9	-53.7	161.5	22.3	4.5	21.9	336.5	336.8	0.1	5.1	14.3	12.
27.9	82.8	9115.6	325.0	-29.1	-57.1	145.7	18.4	5.0	17.7	335.0	338.2	0.0	4.3	16.3	12.
29.7	97.0	9685.7	300.0	-32.2	-59.4	196.5	23.1	6.6	22.2	340.0	340.1	0.0	1.2	17.9	13.
31.5	91.7	10253.4	275.0	-37.4	-60.6	198.8	21.5	6.9	20.4	341.1	341.2	0.0	6.8	21.1	13.
33.5	96.4	10844.1	250.0	-42.5	-63.5	145.5	20.7	5.5	19.9	343.0	999.9	99.9	999.9	23.3	14.
35.4	101.5	11447.8	225.0	-47.4	-67.9	205.2	29.4	13.0	26.4	345.9	999.9	99.9	999.9	25.5	15.
37.4	107.3	12417.1	200.0	-52.9	-99.9	214.4	25.8	14.6	21.2	349.1	999.9	99.9	999.9	29.0	16.
39.6	113.3	13256.6	175.0	-59.3	-68.9	207.8	32.9	15.3	29.1	352.1	999.9	99.9	999.9	32.2	18.
42.1	120.0	14220.2	150.0	-64.4	-99.9	227.9	27.6	19.1	19.9	359.1	999.9	99.9	999.9	37.1	21.
45.0	127.7	15222.5	125.0	-63.0	-98.9	263.7	10.9	10.8	1.3	371.9	999.9	99.9	999.9	39.6	23.
48.5	136.0	16574.7	100.0	-65.4	-99.9	999.9	99.9	99.9	99.9	401.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

24 JUNE 1977  
0 GMT

123 101.0

TIME MIN	CNTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED 4/SEC	U CCMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH FCT	RANGE KM	AZ DG
0.0	12.7	977.0	915.0	27.8	19.1	130.0	13.2	-10.1	8.5	306.7	350.9	15.4	55.0	0.0	0.
09.0	99.0	959.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	99.9	959.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	99.9	959.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	99.9	959.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	13.5	1010.5	925.0	25.3	17.9	175.1	17.5	-11.5	13.2	307.6	347.5	14.6	63.7	0.4	311.
1.3	15.7	1266.9	975.0	23.0	15.6	143.0	10.8	-6.5	9.6	307.7	345.6	13.8	67.4	1.0	316.
2.3	17.9	1519.3	850.0	20.5	15.9	149.0	7.9	-4.1	6.8	307.6	344.8	12.5	75.0	1.5	321.
3.2	20.2	1777.5	825.0	19.4	15.1	151.0	5.1	-2.5	4.4	308.0	344.4	13.2	81.1	2.0	321.
4.2	22.4	2021.8	800.0	16.7	14.1	195.9	4.5	1.2	4.3	309.0	344.4	12.8	84.7	2.1	325.
5.2	24.7	2317.1	775.0	14.3	12.2	226.4	2.8	2.0	1.9	309.2	341.7	11.7	87.1	2.3	329.
7.3	27.0	2596.1	750.0	12.4	10.4	179.9	0.6	-0.0	0.6	310.2	340.1	10.7	86.6	2.3	335.
9.3	29.4	2974.0	725.0	11.7	7.3	36.2	1.1	-0.7	-0.8	312.3	337.7	8.9	74.0	2.1	344.
10.4	32.1	3164.9	700.0	8.9	5.8	315.2	0.4	0.3	-0.2	312.4	336.2	8.3	80.7	2.1	333.
11.3	34.7	3474.4	675.0	6.1	4.6	255.2	2.2	2.2	0.2	312.5	335.3	7.9	50.1	2.1	334.
12.3	37.1	3770.7	650.0	4.7	4.0	273.0	3.6	3.6	-0.2	314.2	337.2	7.9	55.7	2.0	340.
13.4	39.0	4004.1	625.0	2.3	1.9	278.1	4.9	4.8	-0.7	315.1	335.6	7.0	96.0	1.9	347.
15.5	42.6	4425.6	600.0	0.4	-0.3	265.3	4.8	4.8	0.4	315.6	335.1	6.3	55.1	1.8	4.
17.0	45.4	4744.5	575.0	-0.2	-10.7	277.0	5.1	4.3	2.7	319.7	329.0	3.0	45.1	2.0	16.
19.5	49.5	5131.2	550.0	-2.2	-11.7	219.5	5.9	3.8	4.6	321.5	326.5	2.8	47.9	2.5	21.
20.0	51.4	5149.4	525.0	-5.1	-15.8	217.8	6.7	4.1	5.3	323.3	329.1	2.1	42.8	3.0	25.
21.4	54.4	5470.6	500.0	-7.6	-14.5	223.9	9.7	6.5	6.7	322.9	331.8	2.5	57.4	3.6	27.
22.9	57.6	5799.7	475.0	-10.9	-10.7	224.9	12.5	9.8	8.9	323.3	328.8	0.9	25.5	4.5	31.
24.2	51.0	5443.8	450.0	-11.1	-10.7	212.0	14.1	9.7	11.1	323.1	329.3	0.0	1.4	5.6	33.
25.5	54.6	5790.0	425.0	-14.1	-9.0	214.1	13.3	7.5	11.0	320.4	330.7	0.0	1.0	6.8	34.
27.2	69.0	7598.2	400.0	-16.9	-7.5	212.8	14.2	7.7	11.9	323.1	335.1	0.6	22.0	8.1	33.
29.1	71.7	8059.1	375.0	-20.6	-7.0	210.1	13.8	6.9	11.9	324.3	336.5	0.6	31.9	9.8	33.
31.0	75.7	8566.7	350.0	-22.8	-36.1	198.5	16.3	5.5	15.3	324.7	338.5	0.5	21.1	11.3	32.
32.7	79.8	9107.6	325.0	-27.6	-57.6	204.2	18.4	7.5	16.8	328.6	338.6	0.0	1.0	13.2	30.
34.8	84.2	9674.1	300.0	-32.2	-70.6	207.5	19.9	9.8	17.3	329.9	340.0	0.0	1.0	15.5	30.
37.4	83.6	10282.4	275.0	-37.0	-72.9	210.1	18.9	9.5	15.3	341.6	341.7	0.0	1.0	18.5	30.
40.1	93.6	10744.6	250.0	-42.0	-59.5	209.5	25.3	12.5	22.0	343.7	599.9	99.9	999.9	21.9	30.
42.1	98.9	11473.4	225.0	-47.5	59.5	205.5	25.7	11.1	23.2	345.2	599.9	99.9	999.9	25.2	30.
44.4	104.3	12404.8	200.0	-52.8	55.9	207.1	25.1	11.4	22.3	347.6	609.9	99.9	999.9	28.7	29.
47.4	110.6	13252.3	175.0	-59.4	60.9	217.0	24.2	19.8	19.8	350.0	699.9	99.9	999.9	33.1	29.
50.6	117.7	14205.7	150.0	-68.1	66.9	219.3	22.7	14.6	17.6	350.0	999.9	99.9	999.9	37.8	31.
54.4	125.3	15207.8	125.0	-68.5	90.6	217.8	18.9	11.6	15.0	371.0	599.9	99.9	999.9	42.3	32.
59.9	99.9	60.9	100.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	60.9	75.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	60.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	60.9	25.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE DP TIME HAVE BEEN INTERPOLATED  
\*\* BY SOFED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 230  
POST, TEXAS

24 JUNE 1977  
0 GMT

126 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPN	DRES WB	TEMP DG C	DEW PT DG C	DIS DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T CG K	MX RTO GP/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	771.0	529.9	25.9	21.2	150.0	9.5	-4.8	8.2	305.4	353.8	18.0	78.0	0.0	0.
99.9	99.9	80.9	1000.0	55.9	99.6	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	17.5	804.1	955.0	24.5	20.4	559.9	99.9	99.9	99.9	304.5	349.3	16.7	77.7	999.9	999.9
0.9	15.9	1047.5	500.0	21.2	19.5	999.9	99.9	99.9	99.9	304.0	344.0	15.1	84.7	999.9	999.9
1.8	13.4	1201.2	875.0	19.5	16.7	153.2	11.7	-5.3	10.4	303.0	340.2	13.9	89.6	1.4	335.
2.8	20.8	1540.1	650.0	17.3	15.0	151.7	9.8	-4.5	8.6	304.3	341.2	13.7	92.2	2.0	334.
3.8	23.5	1795.0	825.0	15.4	12.6	154.6	9.8	-4.2	8.8	304.9	335.7	11.3	83.9	2.7	334.
4.9	25.9	2056.4	800.0	15.1	12.0	143.1	7.7	-2.4	7.4	307.2	337.9	11.1	81.7	3.2	335.
5.8	28.5	2322.0	775.0	13.0	11.0	142.1	5.9	-1.8	5.6	307.9	337.6	10.7	87.1	3.5	335.
6.8	31.3	2601.1	750.0	12.1	9.3	152.4	4.1	-1.9	3.7	309.7	337.5	9.9	82.9	3.8	336.
8.0	34.1	2884.8	725.0	10.2	6.5	164.6	3.3	-0.8	3.2	310.6	334.5	8.4	77.8	4.1	335.
9.2	36.7	3177.1	700.0	9.1	4.0	201.2	2.7	1.0	2.5	312.5	333.6	7.3	70.3	4.3	337.
10.5	39.4	3477.8	675.0	7.0	2.4	234.3	2.8	1.1	2.5	313.5	333.2	6.8	72.4	4.4	339.
11.7	42.3	3787.7	650.0	4.9	-0.4	219.9	3.1	2.0	2.3	314.5	331.5	5.7	68.7	4.6	341.
12.9	45.2	4107.1	625.0	3.1	-2.2	225.4	2.7	2.6	2.5	316.0	331.5	5.2	67.4	4.7	344.
14.0	48.4	4437.8	600.0	2.1	-5.9	233.2	4.1	3.3	2.4	317.6	331.2	4.1	55.4	4.8	347.
15.3	51.3	4790.7	575.0	0.2	-7.7	244.2	4.3	3.9	1.9	320.2	331.7	3.7	53.3	4.9	350.
16.6	54.5	5136.0	550.0	-2.2	-10.1	240.5	5.5	4.8	2.7	321.5	331.6	3.2	54.5	5.0	354.
17.9	57.6	5507.9	525.0	-5.2	-10.9	241.1	5.0	5.2	2.9	322.2	332.2	3.2	64.1	5.2	359.
19.2	61.0	5885.1	500.0	-8.1	-14.0	225.7	6.0	5.7	5.6	323.2	331.4	2.6	63.6	5.5	3.
20.4	64.4	6272.4	475.0	-11.9	-15.2	217.1	9.9	6.0	7.9	324.5	331.3	2.3	64.7	6.1	7.
21.7	67.7	6655.7	450.0	-15.6	-17.2	220.4	12.0	7.9	9.1	325.0	323.2	2.2	74.5	6.8	11.
23.2	71.2	7129.7	425.0	-19.7	-19.7	219.5	13.3	8.4	10.2	325.9	325.8	2.1	77.2	7.8	15.
24.8	75.0	7593.7	400.0	-24.3	-20.4	231.5	13.7	5.0	12.6	331.3	337.5	1.9	61.9	9.1	17.
26.4	79.0	8062.8	375.0	-21.9	-24.6	195.5	14.5	4.9	13.7	332.6	337.4	1.4	78.2	10.4	18.
28.0	82.8	8547.9	350.0	-24.9	-29.7	203.2	15.9	6.3	14.6	335.2	338.5	0.9	64.0	11.9	18.
30.0	86.8	9102.6	325.0	-29.1	-36.7	205.4	19.7	8.0	16.9	336.6	339.5	0.5	48.7	13.9	19.
32.1	91.2	9670.1	300.0	-33.4	-39.5	198.4	17.4	5.5	15.6	338.3	339.8	0.4	54.0	16.2	19.
34.1	95.7	10274.3	275.0	-38.7	-45.1	205.1	17.6	7.9	15.8	339.2	340.1	0.2	50.1	18.4	20.
36.2	100.3	10821.5	250.0	-43.0	-49.5	205.2	20.1	8.5	19.2	340.7	340.7	95.9	999.9	20.6	20.
38.8	105.3	11419.2	225.0	-49.9	99.9	204.6	23.0	10.3	20.6	342.1	342.1	99.9	999.9	24.0	21.
41.6	110.8	12179.9	200.0	-55.3	99.9	204.4	24.1	10.7	21.6	343.3	343.3	99.9	999.9	28.2	22.
44.4	115.6	13019.9	175.0	-61.2	99.9	215.2	23.2	13.4	18.9	343.9	343.9	99.9	999.9	32.1	23.
48.2	123.3	14155.8	150.0	-45.3	99.9	215.0	22.0	12.6	19.0	347.2	347.2	99.9	999.9	37.3	25.
52.0	130.3	15299.2	125.0	-57.7	99.9	222.5	16.0	10.9	11.8	347.5	347.5	99.9	999.9	41.8	26.
55.4	137.8	16605.1	100.0	-70.4	99.9	509.9	99.9	99.9	99.9	391.8	391.8	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

23 JUNE 1977  
2358 GMT

129 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	595.0	949.9	21.9	20.9	130.0	3.6	0.0	3.6	299.5	343.3	16.7	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	14.9	805.5	925.0	17.6	15.9	125.3	9.3	-7.5	5.5	297.3	329.9	12.4	89.9	0.4	256.
1.6	17.1	1040.0	900.0	16.3	14.9	151.0	9.0	-4.4	7.9	299.3	330.0	11.9	91.1	0.9	309.
2.6	19.7	1279.8	875.0	14.7	13.4	161.4	10.5	-3.4	10.0	299.1	328.8	11.1	91.7	1.4	320.
3.7	22.0	1525.3	850.0	13.3	12.0	169.2	10.1	-2.1	9.9	300.1	328.3	10.5	91.6	2.0	328.
4.9	24.9	1775.6	825.0	12.0	10.5	175.3	12.2	-0.8	12.2	301.3	327.8	9.8	90.8	2.7	335.
5.0	27.2	2075.5	800.0	10.9	9.3	174.9	12.9	-1.1	12.2	302.8	328.2	9.3	90.0	3.6	340.
7.2	29.9	2799.5	775.0	9.4	7.9	174.9	10.5	-1.0	10.6	303.9	327.7	8.6	89.8	4.3	343.
8.2	32.6	2971.6	750.0	8.0	6.4	175.3	11.5	-0.9	11.4	305.3	327.8	8.1	89.5	5.0	344.
9.3	35.4	3251.4	725.0	6.6	5.0	174.8	7.9	-0.7	7.8	306.8	328.1	7.6	89.3	5.7	345.
10.5	38.0	3799.5	700.0	5.3	3.7	194.9	5.9	1.5	5.7	308.4	328.7	7.2	89.3	6.2	346.
11.7	40.7	3476.4	675.0	3.6	1.6	226.2	5.2	3.8	3.6	309.7	328.1	6.4	86.5	6.4	349.
12.9	43.6	3742.9	650.0	2.0	-0.0	225.7	5.1	3.6	3.5	311.2	328.4	5.9	86.4	6.5	352.
13.9	46.7	4099.0	625.0	0.0	-1.6	233.7	5.1	3.5	3.7	312.5	328.5	5.5	86.5	6.8	354.
15.4	49.9	4785.3	600.0	-1.9	-3.5	227.5	5.0	3.7	3.4	313.9	328.6	5.0	89.3	7.0	357.
16.9	52.7	4727.9	575.0	-3.0	-5.4	237.9	4.5	3.9	2.5	315.5	331.0	4.8	89.7	7.3	359.
18.2	55.9	5075.6	550.0	-4.6	-6.1	231.6	4.1	3.2	2.5	314.6	332.1	4.4	89.4	7.5	2.
19.3	59.0	5441.2	525.0	-6.2	-7.7	239.9	3.6	2.3	2.3	310.9	333.5	4.1	89.1	7.7	3.
20.7	62.4	5821.9	500.0	-8.2	-12.2	213.0	4.3	2.7	3.4	321.9	331.2	3.0	78.9	7.9	4.
22.2	55.7	6217.8	475.0	-11.6	-17.4	221.0	7.5	5.0	5.7	323.6	330.3	2.1	62.8	8.4	6.
23.9	69.1	6627.4	450.0	-14.7	-24.3	230.0	9.1	6.2	5.2	322.3	323.9	0.5	20.0	9.0	10.
25.6	73.6	7055.4	425.0	-19.2	-32.6	219.3	11.3	7.1	8.7	324.4	324.9	0.1	6.4	9.8	13.
27.4	76.3	7504.0	400.0	-21.2	-40.6	217.7	13.5	7.5	11.3	327.4	326.6	0.3	18.4	11.1	16.
29.1	80.7	7977.3	375.0	-23.5	-49.4	216.7	14.9	9.3	11.5	330.5	330.9	0.1	7.1	12.5	18.
31.3	84.2	8479.0	350.0	-27.7	-59.9	214.5	17.4	9.9	14.3	322.0	329.9	99.9	999.9	14.4	21.
33.7	88.2	9007.7	325.0	-30.9	-70.0	210.8	20.7	10.6	17.8	334.2	335.6	0.4	43.9	16.7	22.
35.4	92.6	9571.5	300.0	-34.4	-83.2	209.0	20.1	9.4	17.7	335.9	327.1	0.0	5.0	19.4	24.
37.8	97.0	10174.7	275.0	-39.1	-94.2	212.2	17.5	9.3	14.9	338.6	338.9	0.1	18.1	22.0	24.
40.6	101.9	10819.5	250.0	-45.1	-99.9	211.7	19.1	10.1	16.3	339.1	999.9	99.9	999.9	25.3	25.
44.0	107.0	11515.6	225.0	-50.0	-99.9	209.5	21.1	10.4	18.3	341.9	999.9	99.9	999.9	26.3	26.
47.4	112.4	12273.9	200.0	-56.3	-99.9	220.1	21.6	13.9	14.4	343.6	999.9	99.9	999.9	33.5	27.
51.7	118.3	13099.9	175.0	-62.7	-99.9	223.5	22.0	15.1	15.9	345.4	999.9	99.9	999.9	32.7	29.
55.7	125.0	14044.1	150.0	-69.1	-99.9	221.9	20.3	13.5	15.1	351.2	999.9	99.9	999.9	44.7	31.
62.2	131.9	15123.9	125.0	-72.0	-99.9	232.6	18.9	15.0	11.5	364.6	999.9	99.9	999.9	50.7	34.
69.2	139.3	16457.8	100.0	-70.0	-99.9	599.9	99.9	99.9	99.9	392.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
97.9	97.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

24 JUNE 1977  
0 GMT

129 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	781.0	526.0	22.2	18.2	90.0	8.4	-8.4	0.0	301.9	340.3	14.4	78.0	0.0	0.
99.9	99.9	69.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.9	780.4	925.0	22.0*	18.2	99.9	99.9	99.9	99.9	301.8	340.1	14.4	79.0	999.9	999.9
0.3	15.2	1029.5	500.0	20.2	17.5	999.9	99.9	99.9	99.9	302.4	340.4	14.2	64.6	999.9	999.9
1.5	17.4	1272.2	875.0	18.9	15.6	909.5	99.9	99.9	99.9	303.4	341.1	14.0	88.1	999.9	999.9
2.7	19.9	1521.7	850.0	17.4	15.4	137.5	15.1	-10.2	11.1	308.3	339.9	13.1	88.3	1.7	308.
3.1	22.1	1774.6	925.0	16.1	14.2	146.2	11.5	-6.4	9.6	305.6	339.6	12.5	88.6	2.5	312.
3.9	24.7	2038.7	400.0	15.0	13.2	145.9	9.5	-5.3	7.9	307.1	340.2	12.0	88.9	2.9	315.
4.6	27.0	2307.8	775.0	13.3	11.5	132.0	9.3	-6.9	6.2	308.2	339.1	11.1	88.9	3.3	315.
5.6	29.7	2587.9	750.0	11.6	9.7	103.7	4.5	-3.4	0.0	307.1	337.6	10.2	88.4	3.6	314.
6.6	32.4	2867.4	725.0	9.6	7.7	103.7	4.2	-4.2	1.4	310.0	335.9	9.2	88.1	3.8	312.
7.5	35.2	3149.9	700.0	8.1	6.2	120.3	4.2	-3.6	2.1	311.5	335.9	8.6	88.0	4.0	310.
8.6	37.9	3459.9	675.0	6.3	4.4	153.2	4.7	-1.9	4.3	312.7	335.3	7.8	87.9	4.3	311.
9.7	40.5	3749.2	650.0	4.2	2.2	180.5	5.0	0.0	5.0	313.7	333.9	6.9	87.1	4.6	314.
11.3	43.4	4097.2	625.0	2.5	0.6	222.3	5.7	3.8	4.2	315.4	334.3	6.4	87.0	4.8	319.
12.8	46.5	4417.0	600.0	0.7	-1.3	212.6	8.2	4.4	6.9	317.0	334.3	5.8	86.3	4.9	326.
14.1	49.6	4759.1	575.0	-1.2	-3.0	220.7	10.0	6.5	7.6	318.6	331.6	4.3	70.2	5.2	333.
15.7	52.5	5112.5	550.0	-1.9	-5.8	169.6	7.1	2.4	6.7	321.9	329.5	2.4	39.6	5.6	341.
17.2	55.9	5491.1	525.0	-4.1	-12.0	204.6	3.0	3.7	8.1	321.5	327.7	1.3	23.4	6.2	345.
18.7	59.1	5941.1	500.0	-5.5	-13.5	207.9	9.0	4.2	7.9	325.2	326.8	0.5	10.1	6.8	349.
19.9	62.6	6367.2	475.0	-6.7	-13.2	215.8	10.0	5.9	8.1	327.2	329.6	0.7	16.9	7.3	353.
21.2	66.0	6890.0	450.0	-7.7	-15.0	218.0	8.6	5.3	6.8	328.5	334.7	1.9	54.4	7.9	357.
22.8	69.7	7416.0	425.0	-14.7	-26.0	225.9	11.1	8.0	7.7	330.7	334.4	1.1	36.2	8.5	0.
24.9	73.4	7873.6	400.0	-16.7	-27.8	215.6	14.6	9.5	11.9	333.3	336.7	1.0	37.4	9.9	7.
26.6	77.5	8355.0	375.0	-20.5	-25.3	215.6	17.5	10.2	14.3	334.4	338.9	1.3	65.7	11.2	11.
28.7	81.5	8862.8	350.0	-23.7	-51.0	212.6	18.9	10.2	15.9	334.8	337.7	0.2	14.5	13.4	15.
30.7	85.9	9369.7	325.0	-28.1	-67.9	215.1	19.2	10.5	14.9	337.9	338.0	0.0	1.0	15.6	18.
32.9	90.4	9869.2	300.0	-32.4	-70.2	219.5	13.5	8.9	10.7	339.7	339.7	0.0	1.0	17.8	20.
35.3	95.3	10277.2	275.0	-36.9	-89.4	213.8	22.2	12.4	18.5	341.8	342.5	0.2	27.0	19.9	22.
37.4	100.2	10629.2	250.0	-42.4	-99.5	221.5	29.9	19.9	22.4	343.0	999.9	99.9	995.9	23.5	24.
39.9	105.5	11032.6	225.0	-47.8	-99.9	216.2	23.1	13.6	19.6	345.3	999.9	99.9	999.9	25.9	26.
42.4	111.3	11369.2	200.0	-53.9	-99.9	223.3	25.2	17.3	18.3	347.4	995.9	95.9	995.9	30.6	27.
45.2	117.5	11745.7	175.0	-59.8	-99.9	222.5	29.4	19.9	21.7	352.9	999.9	99.9	999.9	35.0	30.
49.5	124.7	12204.5	150.0	-63.5	-99.9	225.2	18.9	13.4	13.3	360.7	959.9	99.9	959.9	39.9	31.
52.5	132.0	12715.2	125.0	-64.1	-99.9	238.4	14.4	12.3	7.6	379.0	999.9	99.9	995.9	48.8	32.
56.6	140.0	13670.5	100.0	-65.8	-99.9	999.9	99.9	99.9	99.9	400.6	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	96.9	999.9	555.5	599.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

24 JUNE 1977  
300 GMT

117 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	873.0	916.4	22.2	19.4	140.0	10.5	-6.7	8.0	302.2	342.3	14.7	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	12.8	1030.7	900.0	21.3	20.0	999.9	99.9	99.9	99.9	303.5	347.9	16.6	91.8	999.9	999.
1.6	15.0	1275.1	875.0	19.4	18.5	999.9	99.9	99.9	99.9	304.0	345.7	15.5	94.2	999.9	999.
2.7	15.9	1525.3	850.0	18.2	16.6	999.9	99.9	99.9	99.9	305.2	343.6	14.1	90.1	999.9	999.
3.6	19.1	1781.9	825.0	19.0	14.2	135.5	3.8	-2.6	2.7	307.5	341.9	12.4	78.5	2.2	329.
4.7	21.2	2044.0	800.0	17.2	11.4	130.4	2.4	-1.8	1.6	309.5	339.4	10.7	68.8	2.4	328.
5.9	23.5	2314.9	775.0	15.7	3.2	63.0	2.0	-1.8	-0.9	310.7	335.9	8.9	61.0	2.4	326.
5.9	25.6	2594.1	750.0	14.3	6.7	46.0	2.5	-1.9	-1.8	312.0	335.6	8.2	60.7	2.4	323.
5.0	27.9	2880.5	725.0	11.9	5.0	45.8	3.0	-2.1	-2.1	312.5	334.3	7.6	62.5	2.4	318.
9.1	30.5	3171.8	700.0	9.9	3.3	75.0	1.8	-1.7	-0.5	313.4	333.7	7.0	63.7	2.4	314.
10.3	33.0	3473.1	675.0	7.4	1.4	194.2	0.3	0.2	0.8	314.0	332.4	6.3	65.4	2.5	313.
11.5	35.4	3785.4	650.0	5.2	-1.1	244.7	2.3	2.1	1.0	314.9	331.0	5.4	63.4	2.5	316.
12.7	37.9	4109.1	625.0	4.1	-9.5	257.7	4.4	4.3	0.9	317.2	326.5	3.0	66.7	2.4	322.
14.1	40.5	4445.4	600.0	2.2	-11.4	256.4	3.4	3.3	0.8	319.6	327.0	2.7	76.0	2.2	329.
15.3	43.2	4778.2	575.0	-0.0	-6.2	202.3	3.1	1.2	2.9	319.0	331.8	4.2	66.9	2.3	334.
16.4	46.0	5131.5	550.0	-3.6	-5.8	191.1	3.3	0.6	3.2	319.9	333.9	4.6	66.2	2.5	338.
17.6	49.0	5497.8	525.0	-5.7	-15.1	212.9	3.7	2.0	3.1	321.6	328.8	2.2	47.3	2.6	340.
18.9	51.0	5877.6	500.0	-7.4	-22.7	222.5	5.3	3.9	4.2	324.1	328.2	1.2	27.9	2.8	347.
20.3	55.0	6277.6	475.0	-9.8	-15.9	229.3	8.1	6.1	5.3	325.8	327.2	0.4	9.7	3.2	356.
21.9	58.0	6697.9	450.0	-12.7	-41.7	229.7	9.9	7.5	6.4	327.3	328.1	0.2	6.7	3.7	6.
23.5	61.3	7125.1	425.0	-15.1	-30.2	225.4	11.6	8.3	8.1	328.4	331.0	0.7	25.4	4.6	16.
25.4	64.9	7591.3	400.0	-18.7	-33.9	214.5	14.4	6.2	11.3	330.7	332.7	0.5	24.8	5.9	21.
27.3	68.3	8060.0	375.0	-20.3	-54.3	211.7	18.0	9.3	15.4	334.8	335.0	0.1	3.0	7.9	24.
29.2	71.9	8547.4	350.0	-24.2	-40.8	213.7	19.5	10.2	15.4	336.2	337.3	0.3	20.3	9.9	25.
31.1	75.8	9103.7	325.0	-29.5	-53.1	219.1	17.5	11.0	13.6	337.4	337.7	0.1	7.4	12.0	27.
33.3	80.1	9670.7	300.0	-33.7	-57.5	223.2	17.1	11.7	12.4	338.0	338.2	0.1	6.9	14.2	30.
35.6	84.4	10274.7	275.0	-38.9	-52.5	221.7	17.7	11.7	13.3	339.9	339.3	0.1	23.7	16.5	32.
37.9	88.8	10921.2	250.0	-44.3	99.9	215.9	20.8	12.5	15.7	340.2	99.9	99.9	99.9	19.2	32.
40.9	94.0	11610.8	225.0	-49.2	99.9	219.8	22.3	14.3	17.2	343.1	99.9	99.9	99.9	23.0	33.
43.5	99.2	12344.4	200.0	-54.7	99.9	219.3	24.4	15.5	13.9	346.1	99.9	99.9	99.9	27.2	34.
47.5	105.0	13224.9	175.0	-60.6	99.9	227.3	23.2	17.0	15.7	349.8	99.9	99.9	99.9	32.4	36.
51.4	111.5	14175.6	150.0	-65.3	99.9	219.1	22.7	14.3	17.6	357.6	99.9	99.9	99.9	38.1	37.
55.4	118.7	15281.0	125.0	-67.7	99.9	212.5	20.0	10.7	16.9	372.5	99.9	99.9	99.9	43.4	37.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

24 JUNE 1977  
300 GMT

124 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	771.0	528.9	21.7	19.8	180.0	1.4	0.0	1.4	301.1	343.3	15.9	89.0	0.0	0.
99.9	99.9	67.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.5	907.6	525.0	21.7*	99.9	99.9	99.9	99.9	99.9	301.5	999.9	99.9	999.9	999.9	999.9
0.7	15.0	1047.8	900.0	20.0	99.9	999.9	99.9	99.9	99.9	302.1	999.9	99.9	999.9	999.9	999.9
1.5	19.4	1286.4	975.0	17.4	16.0	999.9	99.9	99.9	99.9	301.8	337.3	11.2	51.6	999.9	999.9
2.5	20.9	1474.2	950.0	19.0	16.0	176.3	11.7	-0.8	11.7	305.0	342.0	13.6	87.9	1.8	354.
3.5	23.2	1740.8	925.0	16.5	12.7	174.3	9.7	-1.0	9.6	306.0	337.0	11.3	78.1	2.5	354.
4.5	25.8	2057.8	800.0	16.6	11.2	159.2	6.7	-2.4	6.3	308.9	338.5	10.6	71.0	3.0	353.
5.5	28.7	2327.9	775.0	14.9	8.0	147.5	5.7	-3.0	4.8	309.8	334.6	8.8	63.7	3.4	351.
6.5	31.1	2601.6	750.0	14.1	7.5	142.3	3.0	-1.9	2.4	311.9	336.7	8.7	64.4	3.6	349.
7.4	33.4	2877.2	725.0	12.4	4.9	171.9	2.1	-0.3	2.1	313.0	334.9	7.6	60.5	3.7	349.
8.6	36.4	3190.9	700.0	10.3	3.0	194.8	1.5	0.2	1.9	313.9	333.8	6.8	60.5	3.8	349.
9.6	39.7	3482.7	675.0	8.1	1.5	170.2	2.8	-0.5	2.9	314.7	333.3	6.4	63.1	4.0	350.
10.8	41.9	3793.8	650.0	6.6	-1.1	160.2	2.5	-0.3	2.3	316.4	332.7	5.5	57.9	4.2	349.
11.9	44.9	4115.4	625.0	5.7	-2.3	162.4	1.1	-0.3	1.0	318.9	334.7	5.2	56.6	4.4	345.
13.1	47.9	4448.1	600.0	3.0	-4.5	322.0	1.3	1.1	-0.7	316.6	333.6	4.6	57.6	4.3	349.
14.3	50.9	4792.0	575.0	0.9	-7.9	291.0	0.8	0.8	-0.3	321.0	332.4	3.7	51.8	4.3	350.
15.6	53.9	5147.4	550.0	-1.9	-9.5	322.3	0.8	0.5	-0.6	321.8	332.4	3.4	56.0	4.2	351.
17.0	57.0	5515.4	525.0	-5.2	-9.8	257.4	1.1	1.0	0.2	322.2	333.0	3.5	70.0	4.2	351.
19.4	60.3	5877.4	500.0	-7.1	-12.6	210.7	5.3	3.4	4.1	324.3	333.7	2.9	65.2	4.3	354.
21.3	63.7	6206.1	475.0	-9.9	-13.6	210.7	7.1	3.6	6.1	325.7	334.8	2.8	74.3	4.7	359.
22.8	67.0	6511.6	450.0	-12.7	-14.6	155.8	9.0	2.4	8.6	327.3	336.2	2.7	85.6	5.4	2.
24.6	70.5	7146.6	425.0	-14.3	-15.7	207.4	11.6	5.3	10.3	330.7	332.2	0.4	14.7	6.3	4.
26.3	74.1	7633.5	400.0	-17.3	-17.3	207.4	12.3	5.6	10.9	332.5	334.6	0.6	24.4	7.4	8.
28.1	78.0	8084.1	375.0	-20.4	-26.7	203.4	15.6	7.5	13.9	334.7	338.0	0.9	46.5	8.8	11.
30.1	81.8	8500.9	350.0	-24.5	-33.6	206.7	17.0	9.4	15.2	335.7	335.7	0.0	1.0	10.5	14.
32.2	85.9	8927.1	325.0	-28.0	-47.8	209.7	19.6	7.6	17.2	338.1	339.2	0.0	1.0	12.7	17.
34.6	90.2	9396.6	300.0	-32.5	-70.8	211.0	19.8	10.2	17.0	339.5	339.6	0.0	1.0	15.2	19.
37.2	94.8	10203.2	275.0	-37.6	-45.0	206.4	19.5	8.7	17.5	340.8	341.6	0.2	40.6	17.9	20.
39.9	99.4	10953.4	250.0	-42.9	99.9	212.3	20.9	11.2	17.7	342.4	999.9	99.9	955.9	20.9	21.
43.3	104.4	11656.2	225.0	-48.7	99.9	211.7	24.8	13.0	21.1	344.5	999.9	99.9	999.9	24.6	23.
45.8	109.9	12422.3	200.0	-53.7	99.9	216.2	22.9	13.5	19.5	347.8	999.9	99.9	955.9	29.6	25.
50.7	115.4	13267.9	175.0	-60.0	95.9	214.3	22.8	12.8	13.3	350.9	999.9	95.9	995.9	34.3	26.
55.0	121.8	14219.9	150.0	-65.2	99.9	217.8	23.2	14.3	19.3	357.8	999.9	99.9	999.9	39.8	27.
59.9	129.7	15317.9	125.0	-69.1	99.9	223.7	20.1	13.9	14.5	369.8	999.9	99.9	995.9	45.5	29.
99.9	99.9	99.9	100.0	99.9	98.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

24 JUNE 1977  
249 GMT

118 99. 0

TIME MIN	CNTCT	HEIGHT GDM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	595.0	949.2	21.8	19.4	180.0	2.5	0.0	2.5	299.5	339.4	15.1	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	12.2	798.7	925.0	13.0	15.8	149.4	8.9	-4.6	7.7	297.7	330.3	12.4	87.3	0.4	320.
1.7	14.3	1037.4	900.0	15.2	14.4	162.2	10.2	-3.1	9.7	298.2	328.9	11.6	89.1	0.9	325.
2.5	16.1	1273.1	975.0	15.1	14.0	180.2	10.0	0.0	10.0	299.4	330.3	11.6	93.2	1.4	336.
3.5	19.2	1519.9	950.0	15.6	12.7	191.3	12.5	2.4	12.3	302.5	332.3	11.0	83.4	2.0	346.
4.4	20.2	1777.5	825.0	14.7	9.3	189.5	14.9	2.2	14.7	304.1	328.8	9.0	70.2	2.7	353.
5.5	22.3	2073.8	800.0	13.4	8.6	191.9	11.9	2.4	11.7	305.5	330.0	8.9	72.6	3.6	357.
6.7	24.5	2301.0	775.0	11.8	7.6	185.4	10.1	0.9	10.1	306.5	330.3	8.5	75.2	4.3	359.
7.7	24.5	2575.5	750.0	10.5	6.1	177.9	8.0	-0.3	7.9	307.9	330.3	7.9	74.6	4.9	359.
8.9	24.9	2857.3	725.0	8.4	5.1	181.6	6.7	0.2	6.7	306.6	330.3	7.6	79.8	5.3	360.
9.3	31.3	3147.1	700.0	5.8	3.8	179.7	5.9	-0.0	5.9	309.7	329.0	6.7	77.1	5.7	360.
11.0	33.3	3445.1	675.0	4.9	1.9	159.1	4.2	-0.8	4.2	311.2	330.1	6.5	80.8	6.1	360.
12.0	36.0	3752.9	650.0	3.5	0.8	162.2	3.6	-1.1	3.5	313.0	331.2	6.3	82.2	6.3	359.
13.3	38.6	4070.8	625.0	1.6	-1.0	180.5	2.0	0.0	2.0	314.3	331.2	5.7	82.6	6.6	358.
14.5	41.0	4799.2	600.0	-0.3	-3.1	244.8	1.3	1.2	0.6	315.8	331.0	5.1	81.4	6.6	359.
15.9	43.9	4733.0	575.0	-2.5	-3.5	239.0	2.9	2.9	0.6	317.1	332.2	5.0	90.0	6.6	0.
17.2	46.6	5091.2	550.0	-4.5	-6.2	241.4	4.2	3.7	2.0	318.7	332.1	4.4	88.0	6.7	3.
19.4	49.4	5457.0	525.0	-6.3	-9.1	239.9	4.2	3.6	2.1	320.8	332.3	3.7	86.8	6.9	5.
19.9	52.1	5677.1	500.0	-8.3	-14.5	211.1	4.8	2.5	4.1	322.9	331.1	2.6	62.8	7.2	7.
21.4	55.2	6274.3	475.0	-10.6	-20.9	219.6	7.6	4.9	5.9	324.9	329.9	1.5	42.3	7.7	9.
23.1	58.3	6647.8	450.0	-14.2	-26.9	213.5	9.2	5.1	7.6	325.3	332.7	2.3	50.2	8.5	12.
24.9	61.6	7079.2	425.0	-17.3	-28.9	212.8	10.4	5.6	8.8	326.7	333.4	2.0	87.8	9.4	14.
26.5	65.0	7570.8	400.0	-20.6	-23.8	211.7	12.8	6.7	10.9	328.2	333.0	1.4	75.4	10.6	16.
28.3	68.3	8055.7	375.0	-24.3	-24.9	221.2	13.4	8.8	10.1	329.5	334.1	1.3	94.0	11.8	18.
30.1	71.9	8505.9	350.0	-26.9	-25.1	229.5	15.2	11.6	9.9	332.5	334.3	0.5	41.1	13.3	21.
32.2	75.3	9075.5	325.0	-30.7	-33.2	222.3	15.4	10.4	11.4	334.4	336.0	0.4	47.7	14.9	24.
34.6	80.0	9500.5	300.0	-35.2	-42.2	219.2	18.9	11.9	14.6	335.8	336.9	0.3	48.5	17.3	27.
37.1	84.0	10200.6	275.0	-38.7	-51.9	213.6	19.0	11.9	14.8	337.7	338.2	0.1	25.6	20.2	28.
39.6	88.4	10945.1	250.0	-45.1	99.9	225.0	20.5	14.7	14.3	339.0	999.9	99.9	999.9	23.2	30.
42.8	93.4	11539.9	225.0	-50.9	99.9	220.9	21.5	14.1	16.3	340.5	999.9	99.9	999.9	27.2	32.
45.2	98.6	12296.3	200.0	-55.4	99.9	226.0	23.3	16.8	15.2	343.5	999.9	99.9	999.9	31.4	34.
49.7	104.3	13132.9	175.0	-62.5	99.9	229.0	21.0	15.6	13.8	346.8	999.9	99.9	999.9	36.0	36.
54.2	110.8	14069.2	150.0	-68.1	99.9	231.6	22.2	17.4	13.9	352.7	999.9	99.9	999.9	41.7	38.
59.0	119.0	15156.4	125.0	-69.1	99.9	231.4	13.1	8.6	9.8	369.9	999.9	99.9	999.9	47.0	39.
64.6	126.5	16479.7	100.0	-73.5	99.9	999.9	99.9	99.9	99.9	385.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

24 JUN 1977

109 148. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	791.0	525.9	22.2	19.2	150.0	4.2	-2.1	3.6	301.9	242.8	15.3	83.0	0.0	0.
99.9	59.6	90.9	1000.0	59.9	59.9	59.9	50.9	59.9	90.9	99.9	995.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.4	799.5	925.0	22.1*	99.9	99.9	99.9	99.9	99.9	301.9	995.9	99.9	999.9	999.9	999.9
0.7	14.7	1026.0	500.0	20.0*	99.9	99.9	99.9	99.9	99.9	302.1	999.9	99.9	999.9	999.9	999.9
1.5	15.7	1269.1	875.0	17.9	15.1	599.9	99.9	99.9	99.9	302.3	338.1	13.3	89.9	999.9	999.9
2.3	19.1	1516.1	850.0	15.8	14.1	141.0	11.0	0.4	11.0	302.9	335.3	12.0	89.5	1.7	353.
3.3	21.7	1770.0	825.0	14.7	11.2	131.9	10.4	0.7	10.4	304.2	332.3	10.3	79.7	2.3	356.
4.2	23.7	2031.2	800.0	15.5	9.8	130.0	8.5	-0.0	8.5	307.7	334.5	9.6	68.9	2.8	358.
5.3	25.9	2700.9	775.0	14.6	9.2	177.5	5.1	-0.2	5.1	309.5	334.3	5.5	70.4	3.2	358.
6.4	28.4	2877.0	750.0	13.4	6.2	159.3	3.1	-3.3	0.9	311.2	334.0	8.0	61.4	3.4	356.
7.4	31.1	2863.2	725.0	12.3	4.1	124.1	4.3	-7.6	2.4	312.9	333.6	7.1	57.4	3.6	353.
9.5	33.7	3156.8	700.0	10.4	0.2	89.3	2.6	-2.6	-0.1	314.0	330.4	5.6	45.1	3.7	349.
9.5	36.2	3458.5	675.0	8.0	0.7	64.7	2.0	-1.8	-0.9	314.5	332.2	6.0	59.6	3.7	347.
10.7	39.0	3769.5	650.0	6.7	-1.4	43.4	3.3	-1.6	-1.7	315.5	332.5	5.3	56.5	3.6	345.
13.1	44.6	4422.0	600.0	1.7	-6.1	323.0	3.0	0.9	-2.9	318.1	320.4	4.0	55.9	3.3	340.
14.2	47.5	4764.2	575.0	-0.1	-8.3	276.3	2.9	2.9	-0.3	319.9	330.5	3.4	52.1	3.1	343.
15.5	50.5	5119.1	550.0	-2.2	-11.0	216.4	7.6	3.0	2.0	321.5	330.9	3.0	50.6	3.1	348.
16.8	53.5	5487.1	525.0	-4.4	-12.7	215.1	4.8	2.8	3.9	322.9	331.6	2.7	53.0	3.3	352.
18.2	56.6	5849.2	500.0	-7.2	-18.4	223.4	5.7	4.6	4.9	324.2	327.2	0.9	20.1	3.7	357.
19.8	50.0	6269.3	475.0	-8.5	-25.6	229.0	6.5	7.2	6.3	325.2	327.1	0.0	1.0	4.3	6.
21.2	63.4	6644.3	450.0	-11.0	-37.5	216.5	11.5	6.5	9.4	328.2	328.4	0.0	1.0	4.9	12.
22.6	66.7	7113.3	425.0	-13.4	-49.1	217.4	12.0	7.3	9.6	330.5	332.4	0.5	18.7	5.9	15.
23.9	70.4	7576.0	400.0	-17.0	-61.9	222.6	12.5	8.4	7.2	331.7	337.4	1.7	71.6	6.8	19.
25.4	74.2	8055.5	375.0	-20.9	-63.2	221.7	15.9	10.6	11.9	333.9	334.0	0.0	1.0	7.9	22.
26.9	78.2	8562.0	350.0	-23.4	-64.9	220.3	20.6	13.5	15.9	337.2	337.2	0.0	1.0	9.5	26.
28.6	32.2	9100.4	325.0	-27.9	-67.8	210.4	17.9	11.6	13.6	338.3	338.3	0.0	1.0	11.5	28.
30.2	26.3	9670.3	300.0	-32.5	-70.8	224.6	18.5	13.0	13.2	339.7	339.7	0.0	1.0	13.2	30.
32.1	91.0	10276.7	275.0	-37.8	-74.3	219.7	19.0	12.7	15.3	340.4	340.5	0.0	1.0	15.3	32.
34.0	95.8	10927.2	250.0	-42.7	-79.5	213.6	23.0	14.7	17.7	342.6	599.9	99.9	955.9	17.7	33.
36.0	100.9	11670.4	225.0	-47.9	-84.9	215.5	23.3	13.5	19.0	345.1	995.9	99.9	959.9	20.5	34.
38.4	105.6	12307.1	200.0	-52.6	-90.9	227.7	23.6	16.3	17.1	347.2	599.9	95.9	955.9	24.6	34.
41.1	112.7	12957.7	175.0	-58.5	-95.9	231.3	21.2	16.5	13.3	352.4	995.9	99.9	955.9	27.6	36.
43.7	119.7	14207.0	150.0	-63.6	-99.0	999.9	99.9	99.9	99.9	353.6	999.9	99.9	955.9	999.9	999.9
99.9	95.9	99.9	100.0	99.9	99.9	99.9	90.9	99.9	99.9	95.9	999.9	99.9	959.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	995.9	99.9	959.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

24 JUNE 1977  
1535 GMT

118 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEP PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	973.0	919.1	25.6	17.3	180.0	2.1	0.0	2.5	306.2	343.4	13.7	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	13.1	1047.7	900.0	22.9	15.9	236.5	3.5	3.0	3.0	305.0	342.1	13.7	69.6	0.1	26.
1.5	15.1	1297.0	875.0	20.4	16.8	207.9	2.9	1.4	2.6	305.0	342.7	13.9	79.6	0.3	37.
2.3	17.1	1547.2	850.0	19.1	15.9	201.7	3.0	1.4	3.6	305.1	341.9	11.5	87.1	0.4	32.
3.1	19.3	1799.7	825.0	17.7	11.5	159.2	2.7	-0.9	2.5	307.3	336.3	10.5	67.1	0.6	24.
4.3	21.3	2062.7	800.0	16.3	10.3	55.0	1.5	-1.2	-0.8	303.6	336.3	9.9	67.5	0.6	14.
5.4	23.5	2312.6	775.0	14.9	6.4	45.6	2.3	-1.7	-1.6	309.3	332.2	7.9	57.1	0.5	9.
6.5	25.7	2569.9	750.0	13.4	4.0	66.5	2.6	-2.4	-1.0	311.1	330.8	6.8	53.0	0.4	351.
7.6	27.9	2804.2	725.0	11.0	3.0	31.9	1.0	-0.6	-0.9	311.6	330.6	6.6	57.6	0.4	332.
8.8	30.4	3126.1	700.0	8.4	1.4	278.4	2.4	2.6	-0.4	311.8	329.5	6.1	61.5	0.4	339.
9.9	32.8	3495.9	675.0	6.5	-0.9	293.6	6.6	6.0	-2.6	312.9	328.6	5.3	59.2	0.3	33.
11.1	35.3	3794.9	650.0	4.4	-3.3	295.8	7.6	6.3	-3.4	314.0	327.8	4.6	57.4	0.6	88.
12.3	37.8	4113.7	625.0	2.3	-5.5	291.8	7.7	6.8	-2.7	315.1	326.5	3.8	52.1	1.2	100.
13.5	40.4	4442.0	600.0	0.2	-15.3	290.6	7.5	7.4	-2.8	316.3	322.5	1.9	30.0	1.7	104.
14.7	43.0	4781.3	575.0	-2.5	-17.4	281.2	7.7	7.5	-1.5	317.0	322.4	1.7	30.2	2.3	105.
16.0	45.9	5132.6	550.0	-5.0	-19.8	253.9	7.9	7.5	2.2	318.1	328.4	3.3	69.4	2.9	102.
17.4	48.9	5487.1	525.0	-6.2	-27.5	236.5	6.1	6.7	4.4	321.0	323.9	0.9	19.6	3.4	55.
18.8	51.6	5872.4	500.0	-7.4	-35.7	222.3	11.7	7.6	8.4	324.0	325.3	0.4	8.2	4.0	87.
20.3	54.6	6275.9	475.0	-9.7	-37.6	223.7	12.4	8.5	8.9	326.0	327.1	0.3	8.1	4.8	77.
21.9	57.6	6691.3	450.0	-12.2	-37.9	220.7	13.1	8.5	9.9	327.9	328.8	0.3	7.5	5.9	71.
23.7	61.0	7124.8	425.0	-15.7	-42.9	221.4	12.4	9.2	9.3	328.9	329.6	0.2	7.5	7.1	65.
25.1	64.4	7579.7	400.0	-18.6	-44.2	220.2	13.3	8.5	10.1	330.9	331.5	0.2	7.8	8.3	51.
27.2	67.6	8059.7	375.0	-21.3	-46.4	229.7	14.7	12.6	10.9	333.4	334.0	0.1	8.1	9.9	58.
29.1	71.4	8544.4	350.0	-24.3	-50.7	229.4	14.5	14.9	12.7	336.0	336.4	0.1	6.6	11.8	57.
31.1	75.7	9100.3	325.0	-26.3	-52.9	228.3	21.7	16.2	14.4	337.8	338.1	0.1	7.3	14.3	56.
33.0	79.5	9669.1	300.0	-32.7	-54.0	221.0	20.6	13.5	15.6	339.4	339.7	0.1	9.7	16.9	54.
35.2	83.7	10274.7	275.0	-37.0	-57.7	225.3	24.7	17.9	17.1	340.3	340.5	0.1	10.4	19.6	52.
37.5	88.2	10926.3	250.0	-41.5	99.9	235.5	26.9	22.1	15.2	344.3	349.9	99.9	999.9	23.2	52.
40.1	93.2	11632.0	225.0	-47.1	99.9	235.4	30.9	25.4	17.6	348.3	355.9	99.9	999.9	27.8	53.
43.1	98.4	12407.9	200.0	-52.4	99.9	237.8	27.4	23.7	17.4	349.5	359.9	99.9	999.9	32.7	53.
46.1	104.3	13254.0	175.0	-59.3	99.9	231.7	26.9	21.1	16.7	353.7	359.9	99.9	999.9	37.8	53.
49.5	110.8	14210.4	150.0	-64.0	99.9	233.1	19.9	17.6	14.6	359.9	359.9	99.9	999.9	42.7	53.
53.1	119.0	15317.4	125.0	-69.0	99.9	235.1	13.8	11.5	7.7	370.0	359.9	99.9	999.9	46.6	52.
57.6	126.5	16648.2	100.0	-88.7	99.9	999.9	99.9	99.9	99.9	395.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
 POST, TEXAS

24 JUNE 1977  
 1500 GMT

123 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	771.0	931.3	21.3	19.9	0.0	0.0	0.0	0.0	300.5	342.8	16.0	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	13.3	829.7	925.0	19.9	99.9	99.9	99.9	99.9	99.9	299.6	999.9	99.9	99.9	999.9	99.9
1.1	15.9	1044.4	900.0	17.6	99.9	999.9	99.9	99.9	99.9	299.6	999.9	99.9	999.9	999.9	99.9
1.9	19.3	1265.9	875.0	16.6	15.9	999.9	99.9	99.9	99.9	301.0	336.0	13.1	95.7	999.9	99.9
2.9	20.7	1557.6	850.0	16.3	15.9	299.0	2.4	2.1	-1.2	303.3	338.9	13.2	94.9	0.4	96.
3.9	23.0	1997.8	825.0	15.1	13.2	291.0	2.1	2.0	-0.8	304.5	336.3	11.7	88.6	0.5	99.
4.9	25.5	2049.3	800.0	15.3	8.3	338.6	1.5	0.6	-1.5	307.5	331.7	8.7	62.9	0.6	104.
6.0	27.9	2332.3	775.0	14.6	4.5	38.0	1.4	-0.9	-1.1	309.6	329.1	6.8	50.4	0.6	116.
7.1	30.6	2411.6	750.0	12.3	2.9	331.4	2.1	1.0	-1.8	309.9	328.1	6.3	52.8	0.6	121.
9.2	33.2	2898.6	725.0	10.8	6.4	326.5	5.1	2.6	-4.2	311.0	334.8	8.3	75.3	0.9	128.
9.4	35.7	3190.7	700.0	9.4	3.1	329.2	5.3	2.9	-4.8	311.7	331.6	6.9	69.4	1.3	134.
10.6	38.4	3482.8	675.0	5.6	0.8	325.3	4.3	2.6	-4.0	311.9	329.5	6.0	71.2	1.7	138.
11.9	41.0	3797.7	650.0	3.7	1.1	287.0	4.9	4.7	-1.4	313.1	331.7	6.4	83.1	2.0	138.
13.3	43.9	4115.4	625.0	1.6	-2.8	252.6	6.7	6.4	2.0	314.2	329.0	5.0	72.6	2.4	127.
14.6	46.9	4443.3	600.0	-1.0	-3.6	213.0	8.5	6.8	5.1	315.0	329.6	4.9	82.2	2.6	117.
15.7	49.9	4782.6	575.0	-1.6	-10.3	222.1	10.5	7.1	7.8	319.1	327.6	3.1	81.6	2.9	104.
17.1	52.3	5135.6	550.0	-2.8	-13.7	223.1	11.3	7.7	8.2	320.0	327.6	2.4	45.1	3.4	51.
18.5	55.8	5502.3	525.0	-5.0	-27.9	222.4	12.3	8.3	9.1	322.4	325.4	0.9	18.0	4.2	81.
19.9	59.0	5884.1	500.0	-7.9	-54.3	221.4	15.1	10.0	11.3	324.6	324.8	0.0	1.0	5.1	73.
21.2	62.4	6292.0	475.0	-10.1	-54.3	222.6	15.1	10.2	11.1	325.5	325.7	0.0	1.0	6.2	67.
22.3	65.7	6696.6	450.0	-12.8	-58.0	225.5	15.3	10.9	10.8	327.2	327.3	0.0	1.0	7.6	63.
24.6	69.2	7130.4	425.0	-15.2	-58.5	225.0	14.4	11.5	11.6	327.5	329.6	0.0	1.0	9.2	59.
26.6	72.7	7584.9	400.0	-19.2	-62.2	225.2	14.8	10.5	10.4	330.0	330.1	0.0	1.0	11.1	57.
29.5	76.5	8047.5	375.0	-21.7	-63.7	221.9	15.2	10.8	12.1	332.9	333.0	0.0	1.0	12.8	55.
30.4	81.4	8542.6	350.0	-24.2	-65.4	222.3	24.3	16.4	18.0	335.1	336.1	0.0	1.0	14.7	53.
32.3	84.5	9105.0	325.0	-28.0	-67.8	217.3	22.6	12.7	18.0	338.2	338.2	0.0	1.0	17.6	51.
34.5	88.7	9674.4	300.0	-32.7	-70.9	209.0	24.0	11.6	21.0	339.3	339.3	0.0	1.0	20.5	49.
37.0	93.4	10279.8	275.0	-38.2	-74.6	214.2	22.9	12.9	18.9	339.9	340.0	0.0	1.0	23.7	45.
39.5	98.0	10929.4	250.0	-42.5	-79.9	226.7	21.9	15.9	15.0	342.9	342.9	99.9	99.9	27.6	45.
42.2	103.0	11633.6	225.0	-47.0	-99.9	233.7	29.8	24.0	17.7	346.5	999.9	99.9	999.9	31.3	46.
45.2	108.8	12407.9	200.0	-52.0	-99.9	235.3	23.8	23.8	16.2	343.8	999.9	99.9	999.9	36.8	47.
49.1	114.5	13255.0	175.0	-58.5	-99.9	233.7	24.6	19.7	14.7	353.4	999.9	99.9	99.9	41.9	46.
51.8	120.8	14209.7	150.0	-64.3	-99.9	232.0	23.6	19.5	14.5	359.4	999.9	99.9	999.9	47.2	48.
56.0	128.0	15298.0	125.0	-69.3	-99.9	234.9	13.1	11.0	7.1	369.5	999.9	99.9	99.9	51.5	48.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

24 JUNE 1977  
145C SMT

128 93.0 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	PX RTO GPM/KG	RH PCT	RANGE KM	AZ DG
3.0	10.7	545.0	949.9	21.9	19.5	133.0	3.6	-3.1	1.6	299.3	239.6	15.3	87.0	0.0	0.
3.9	99.9	98.9	1002.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.5	955.9	599.
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
9.9	12.9	915.6	925.0	20.9	20.3	179.5	4.9	-0.0	4.9	301.7	344.1	16.4	96.3	0.3	326.
1.9	15.2	1058.6	900.0	19.8	19.3	203.5	7.3	3.4	6.3	301.9	244.2	15.9	96.7	0.6	354.
2.9	17.4	1207.7	875.0	19.0	17.6	233.4	9.2	6.0	7.0	302.5	241.6	14.6	97.3	1.0	14.
3.9	19.8	1546.6	850.0	15.7	16.0	213.6	9.2	5.8	7.2	303.6	240.5	13.7	96.0	1.5	24.
4.9	22.0	1901.0	825.0	14.9	13.1	224.4	9.9	4.9	5.0	304.4	236.0	11.6	88.8	2.0	23.
5.9	24.4	2052.1	802.0	14.1	10.6	234.6	4.7	3.3	3.2	305.2	234.2	10.1	75.2	2.3	30.
6.9	26.7	2330.5	775.0	13.3	8.8	246.4	4.0	3.9	0.9	306.1	234.0	9.3	74.1	2.6	33.
7.9	29.3	2606.7	750.0	12.4	7.3	252.9	3.3	3.0	-1.3	310.0	234.4	8.6	76.9	2.7	38.
9.1	31.7	2893.8	725.0	10.5	4.8	259.9	3.0	1.0	-2.8	311.0	232.5	7.5	67.7	2.5	42.
10.7	34.6	3193.9	700.0	9.7	3.8	266.6	3.7	1.5	-3.4	312.1	232.9	7.2	71.1	2.5	46.
11.5	37.1	3484.3	675.0	8.6	3.2	273.2	4.2	2.5	-3.4	313.0	233.8	7.2	78.9	2.5	53.
12.9	39.0	3792.0	650.0	5.1	-0.9	279.5	4.0	3.3	-2.6	314.7	231.1	5.5	65.3	2.5	62.
14.2	42.5	4112.4	625.0	2.9	-4.6	285.9	6.0	5.4	-2.6	315.8	229.1	4.4	56.4	2.7	69.
15.4	45.3	4432.2	600.0	0.9	-8.6	292.2	6.3	6.2	1.3	317.4	227.5	3.4	49.4	3.1	76.
15.8	48.4	4752.3	575.0	-2.2	-9.5	298.4	6.4	6.2	1.3	317.4	227.4	3.2	57.4	3.6	78.
19.1	51.1	5172.3	550.0	-4.6	-9.5	298.4	9.1	7.4	5.6	318.6	220.0	3.7	74.7	4.1	76.
19.5	54.4	5492.9	525.0	-6.8	-44.5	297.2	11.2	9.0	6.7	321.5	222.0	0.1	2.9	5.0	72.
21.0	57.4	5813.4	500.0	-7.1	-53.9	293.6	11.4	9.3	6.9	324.4	224.6	0.0	1.1	6.0	69.
22.6	60.7	6270.4	475.0	-6.2	-56.7	284.5	14.2	10.0	10.2	326.6	225.8	0.0	1.0	7.1	66.
23.2	64.1	6692.7	450.0	-11.9	-59.0	273.2	15.1	10.3	11.8	329.3	218.5	0.1	1.6	8.5	62.
25.0	67.4	7130.6	425.0	-15.3	-59.0	253.2	15.1	10.9	12.6	330.7	220.8	0.0	1.0	10.0	59.
27.7	71.0	7599.2	400.0	-15.3	-60.0	232.1	17.0	11.4	12.6	334.5	224.6	0.0	1.0	11.7	57.
29.9	74.8	8072.2	375.0	-19.5	-62.5	222.2	15.5	10.7	11.8	335.3	225.4	0.0	1.0	13.7	55.
31.5	78.8	8540.0	350.0	-23.9	-65.2	213.4	15.7	9.7	12.7	336.6	226.7	0.0	1.0	15.3	52.
33.6	82.9	9012.7	325.0	-27.9	-67.8	203.2	17.5	12.0	13.2	338.2	228.2	0.0	1.0	17.3	50.
35.7	87.0	9484.6	300.0	-32.0	-70.5	193.4	18.4	10.8	14.8	340.2	230.3	0.0	1.0	19.5	48.
38.1	91.8	10205.0	275.0	-37.2	-73.9	183.0	20.4	13.7	15.2	341.4	231.4	0.0	1.0	22.3	49.
40.5	95.4	10944.9	250.0	-42.2	-74.9	173.0	19.5	15.0	12.6	343.4	229.9	95.9	999.9	25.1	48.
43.2	101.5	11680.8	225.0	-47.4	96.5	163.0	21.4	16.1	14.0	345.8	228.2	99.9	999.9	28.6	49.
44.0	107.3	12419.0	200.0	-53.6	99.9	153.5	21.1	17.4	11.0	347.9	226.7	99.9	999.9	31.9	49.
48.1	113.0	13244.7	175.0	-59.7	96.9	143.9	18.9	15.6	10.6	351.4	225.9	99.9	999.9	35.5	50.
52.7	119.8	14072.1	150.0	-66.4	99.9	134.1	18.7	15.5	10.4	355.7	224.7	99.9	999.9	39.5	50.
54.6	127.0	15002.9	125.0	-69.6	99.9	124.1	14.8	14.2	4.1	343.9	223.9	99.9	999.9	43.4	51.
61.3	135.0	16224.3	100.0	-68.6	96.9	99.9	99.9	99.9	99.9	344.9	223.9	99.9	999.9	999.9	999.
69.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

24 JUNE 1977  
1500 GMT

123 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	781.0	927.5	23.9	19.8	230.0	4.4	3.4	2.8	303.5	346.2	15.9	78.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	12.5	804.7	925.0	23.4	19.1	999.9	99.9	99.9	99.9	303.3	344.3	15.3	77.0	999.9	999.9
0.5	14.8	1047.6	900.0	20.6	19.0	999.9	99.9	99.9	99.9	302.7	341.9	14.6	85.1	999.9	999.9
1.1	16.4	1247.3	875.0	18.7	17.3	999.9	99.9	99.9	99.9	303.2	341.8	14.4	91.5	999.9	999.9
2.1	19.3	1534.5	850.0	18.6	13.0	205.8	3.9	1.7	3.5	305.6	335.4	11.2	70.1	0.8	49.
3.0	21.5	1797.0	825.0	17.4	12.0	211.9	2.5	1.4	2.2	307.0	336.8	10.8	70.5	1.0	40.
4.0	23.9	2055.8	800.0	16.5	10.3	243.9	2.4	2.1	1.0	308.7	336.4	9.9	66.7	1.1	44.
4.9	25.2	2325.8	775.0	14.8	9.6	36.2	2.2	-1.3	-1.8	309.7	335.4	9.1	66.4	1.1	44.
5.9	23.7	2603.1	750.0	13.3	5.3	13.8	5.0	-1.2	-4.8	311.1	332.5	7.5	52.2	0.8	48.
6.9	31.3	2877.9	725.0	11.2	2.4	379.0	5.4	1.9	-5.1	311.8	330.1	6.3	54.6	0.8	69.
7.9	34.0	3180.3	700.0	9.4	0.7	350.0	5.5	2.7	-4.7	312.8	329.7	5.8	54.5	0.8	96.
8.9	36.4	3481.4	675.0	7.0	0.1	308.8	4.1	3.2	-2.6	313.5	330.3	5.7	61.3	1.1	106.
10.1	39.2	3790.9	650.0	4.5	0.4	301.6	3.2	2.7	-1.7	314.2	332.1	6.1	73.7	1.3	109.
11.2	41.8	4109.7	625.0	2.3	-4.5	275.6	3.3	3.3	-0.3	315.1	328.4	4.5	61.4	1.5	110.
12.4	44.7	4479.6	600.0	1.3	-7.9	240.2	2.3	2.0	1.1	317.6	328.4	3.5	50.4	1.7	106.
13.6	47.7	4780.5	575.0	-1.6	-8.7	253.8	10.6	10.1	3.0	318.1	328.7	3.4	58.2	2.1	100.
14.7	50.6	5137.4	550.0	-3.3	-20.7	277.5	11.4	9.2	6.8	319.6	324.1	1.4	26.6	2.8	91.
15.9	53.6	5490.7	525.0	-4.5	-52.8	18.3	12.4	7.7	9.7	323.0	323.3	0.1	1.0	3.4	80.
17.2	56.7	5892.9	500.0	-6.3	-53.9	240.9	13.5	12.1	6.7	325.4	325.6	0.0	1.0	4.2	71.
19.6	60.0	6291.7	475.0	-6.1	-55.7	332.6	13.7	10.9	8.3	326.7	326.8	0.0	1.0	5.4	70.
20.0	63.5	6697.6	450.0	-11.7	-57.3	228.8	15.3	12.3	10.8	328.5	325.7	0.0	1.0	6.5	66.
21.5	66.9	7137.4	425.0	-14.3	-59.0	225.9	16.5	12.4	10.8	330.7	330.8	0.0	1.0	8.2	63.
23.0	70.5	7591.3	400.0	-17.0	-60.7	222.6	16.1	11.1	12.0	332.9	333.0	0.0	1.0	9.4	62.
24.7	74.2	8072.8	375.0	-19.9	-62.6	223.7	17.4	12.0	12.6	335.2	335.3	0.0	1.0	11.0	57.
26.3	78.3	8582.0	350.0	-23.1	-64.7	225.5	20.0	14.3	14.1	337.6	337.7	0.0	1.0	13.0	56.
28.0	82.2	9120.3	325.0	-27.1	-67.2	200.4	23.9	15.4	14.2	339.4	339.4	0.0	1.0	14.7	54.
29.8	86.3	9691.8	300.0	-31.4	-70.1	213.1	17.6	9.6	14.7	341.2	341.2	0.0	1.0	17.4	52.
31.8	91.0	10300.6	275.0	-36.2	-73.7	228.7	26.2	19.7	17.3	341.9	341.9	0.0	1.0	19.8	50.
33.9	95.7	10956.1	250.0	-40.4	99.9	241.2	29.1	24.6	13.5	346.1	999.9	99.9	999.9	23.5	51.
36.2	100.8	11665.0	225.0	-45.7	99.9	235.3	27.5	20.2	12.0	348.5	999.9	99.9	999.9	26.9	53.
38.9	105.5	12441.3	200.0	-51.5	99.9	235.0	42.4	34.9	24.3	351.2	999.9	99.9	999.9	32.3	53.
41.8	112.5	13294.5	175.0	-57.1	99.9	234.2	26.1	21.1	15.2	355.7	999.9	99.9	999.9	37.4	53.
44.7	119.0	14259.3	150.0	-62.2	99.9	231.1	22.7	17.7	14.2	362.9	999.9	99.9	999.9	42.3	53.
47.8	125.7	15375.5	125.0	-65.8	99.9	245.3	14.3	13.0	6.0	375.9	999.9	99.9	999.9	45.2	53.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CO TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS24 JUNE 1977  
1743 GMT

114 100. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	277.0	919.1	29.4	16.6	140.0	4.2	-2.7	3.2	310.0	346.3	13.1	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	17.3	1049.5	909.0	26.0	17.4	100.3	2.5	-2.6	0.5	309.3	347.0	14.1	59.1	0.1	339.
1.5	15.7	1297.6	875.0	23.7	16.5	139.7	7.2	-2.1	2.4	308.4	346.3	13.8	64.6	0.3	317.
2.7	17.3	1550.5	850.0	21.3	16.0	122.5	5.0	-4.2	2.7	308.5	345.9	13.6	71.7	0.6	317.
3.6	19.3	1909.0	825.0	19.0	15.5	106.9	4.7	-4.5	1.4	305.7	345.1	13.6	79.9	0.8	309.
4.4	21.3	2077.7	800.0	16.3	13.9	87.7	3.9	-3.9	-0.2	306.5	343.4	12.6	85.7	1.0	303.
5.3	24.0	2342.7	775.0	16.2	8.1	64.1	3.2	-2.9	-1.4	311.2	336.3	8.8	85.8	1.1	296.
6.1	26.0	2621.8	750.0	13.6	6.2	61.5	2.9	-2.5	-1.4	311.7	334.1	8.0	80.7	1.2	291.
6.9	24.3	2907.0	725.0	11.0	3.9	34.4	0.7	0.2	-0.7	312.1	332.4	7.0	59.4	1.3	286.
8.0	30.7	3192.4	700.0	8.9	2.7	29.9	3.6	3.3	-1.4	312.3	331.7	6.7	65.2	1.1	288.
9.0	32.1	3490.6	675.0	6.2	1.8	261.7	5.9	5.5	-2.2	312.6	331.4	6.5	72.4	0.8	285.
10.7	35.5	3804.7	650.0	4.4	-1.5	295.9	5.4	4.8	-2.5	314.0	329.3	5.2	63.9	0.4	277.
11.4	37.9	4127.2	625.0	2.3	-5.2	301.8	7.1	6.0	-3.7	315.1	326.7	3.8	63.3	0.2	223.
12.7	40.5	4454.3	600.0	0.2	-8.8	291.4	12.0	11.2	-4.4	315.3	328.0	3.8	55.3	0.9	124.
14.0	43.0	4795.7	575.0	-2.7	-8.4	291.8	9.8	8.9	-3.6	316.9	327.7	3.5	64.4	1.7	119.
15.3	45.3	5145.9	550.0	-5.2	-14.0	258.5	5.0	8.0	0.2	317.9	325.3	2.4	50.2	2.4	115.
16.6	48.4	5512.1	525.0	-5.6	-24.0	244.5	0.5	8.5	4.1	321.7	324.7	0.9	18.1	2.9	106.
17.9	51.7	5927.2	500.0	-7.4	-29.7	229.9	11.1	8.4	7.1	324.0	326.5	0.7	16.3	3.5	96.
19.2	54.7	6291.1	475.0	-9.3	-33.4	224.7	14.0	9.9	10.0	324.5	326.2	0.5	12.0	4.2	86.
20.5	57.3	6707.7	450.0	-12.0	-35.8	223.7	15.7	11.2	11.0	328.2	329.7	0.4	11.6	5.2	76.
22.1	60.5	7142.6	425.0	-14.5	-39.2	223.8	15.6	10.5	11.2	330.4	331.5	0.3	10.1	6.5	70.
23.7	63.9	7599.2	400.0	-17.4	-41.4	223.1	16.2	11.1	11.8	332.4	333.3	0.2	10.2	7.8	65.
25.4	67.2	8079.7	375.0	-20.7	-43.2	230.5	17.5	13.6	11.2	334.3	335.1	0.2	11.1	9.4	62.
27.0	70.3	8586.7	350.0	-23.8	-46.2	231.7	20.5	16.0	12.9	336.8	337.4	0.2	10.5	11.3	60.
28.7	74.5	9127.9	325.0	-27.3	-49.2	227.9	21.4	15.9	14.3	338.4	339.0	0.1	10.8	13.4	58.
30.7	78.7	9697.1	300.0	-32.7	-51.4	226.0	24.1	17.4	16.8	339.4	339.8	0.1	13.2	16.0	56.
32.7	82.8	10301.1	275.0	-36.5	-54.6	229.0	25.8	19.2	17.2	340.4	342.7	0.1	12.3	19.1	55.
35.1	87.2	10958.7	250.0	-41.1	-59.9	237.7	23.8	24.4	15.4	345.0	349.9	99.9	99.9	22.9	55.
37.4	92.0	11663.5	225.0	-46.4	-59.9	230.1	27.5	21.7	16.9	347.5	349.9	99.9	99.9	27.1	55.
39.9	97.3	12435.5	200.0	-52.1	-59.9	235.4	25.9	22.4	14.9	349.9	349.9	99.9	99.9	31.1	54.
42.6	107.0	13257.1	175.0	-58.7	-59.9	236.6	27.4	22.8	15.1	353.1	349.9	99.9	99.9	35.3	55.
45.8	109.5	14244.5	150.0	-63.4	-59.9	228.5	15.5	12.4	10.9	350.9	349.9	99.9	99.9	39.5	55.
49.3	116.7	15348.8	125.0	-68.7	-59.9	234.5	9.7	7.9	5.6	370.5	349.9	99.9	99.9	43.3	55.
53.4	125.0	16677.6	100.0	-70.6	-59.9	999.9	99.9	99.9	99.9	391.4	349.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

24 JUNE 1977  
1800 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	771.0	932.3	25.0	21.4	0.0	0.0	0.0	0.0	305.2	352.4	17.6	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	12.5	840.3	925.0	23.8*	19.9	999.9	99.9	99.9	99.9	303.6	346.7	16.1	78.8	999.9	999.
1.4	14.9	1077.8	900.0	18.4	15.2	999.9	99.9	99.9	99.9	300.4	333.1	12.2	82.0	999.9	999.
2.3	17.1	1320.0	875.0	17.8	14.9	999.9	99.9	99.9	99.9	302.3	335.4	11.3	82.7	999.9	999.
3.2	19.5	1569.6	850.0	16.7	14.6	999.9	99.9	99.9	99.9	303.6	337.2	12.4	87.5	999.9	999.
4.1	21.7	1823.1	825.0	14.7	13.5	174.8	1.5	-0.1	1.5	304.1	336.4	11.9	92.4	0.3	11.
5.1	24.2	2084.0	800.0	14.7	10.4	204.0	1.3	0.6	1.7	305.8	334.6	10.0	75.7	0.3	6.
6.1	25.5	2353.1	775.0	14.4	6.5	251.6	1.3	1.7	0.6	309.4	331.8	7.9	68.9	0.4	18.
7.3	29.0	2629.6	750.0	12.3	6.0	275.4	2.0	2.3	-0.3	310.0	332.3	7.8	65.0	0.5	34.
8.5	31.7	2913.7	725.0	10.5	2.9	279.8	4.4	4.3	-0.7	311.0	329.9	6.5	59.2	0.7	57.
9.8	34.3	3205.1	700.0	8.2	3.7	273.0	4.8	4.8	-0.3	311.6	332.3	7.2	73.0	1.0	71.
11.1	36.8	3505.3	675.0	6.6	-0.2	272.7	5.3	5.3	-0.2	313.1	329.6	5.6	61.7	1.3	76.
12.4	39.6	3814.5	650.0	4.5	-1.1	269.2	7.0	7.9	0.1	314.1	330.1	5.4	66.9	1.8	81.
13.7	42.2	4133.2	625.0	1.6	-2.0	267.5	9.1	9.1	0.4	314.2	330.0	5.3	77.4	2.5	83.
15.0	45.0	4460.7	600.0	-1.4	-3.5	279.4	8.2	9.2	-1.3	314.5	328.8	4.8	83.3	3.2	84.
16.4	48.0	4799.1	575.0	-3.3	-7.5	276.0	8.2	8.1	-0.9	316.2	327.7	3.8	72.4	3.8	88.
17.7	50.8	5151.0	550.0	-3.6	-14.9	248.9	9.2	7.6	2.9	319.8	326.8	2.2	41.4	4.4	87.
19.2	53.9	5516.5	525.0	-6.1	-29.7	242.4	10.2	9.1	4.7	321.1	323.5	0.7	15.2	5.2	83.
20.8	56.9	5897.8	500.0	-6.8	-32.5	238.7	13.0	11.9	7.2	324.7	326.3	0.4	9.7	6.3	79.
22.5	60.1	6296.1	475.0	-9.5	-35.7	236.8	14.5	12.1	7.9	326.3	327.5	0.3	8.7	7.7	75.
24.1	63.6	6711.8	450.0	-11.9	-39.4	232.6	13.6	10.8	8.3	323.2	329.3	0.3	8.1	9.0	72.
25.9	65.9	7145.2	425.0	-15.2	-41.1	229.1	13.3	10.1	8.7	329.5	330.4	0.2	8.7	10.4	69.
27.4	70.3	7601.7	400.0	-18.5	-47.4	218.9	15.4	9.5	12.0	330.9	331.7	0.2	9.0	11.7	66.
29.7	74.0	8090.0	375.0	-21.4	-46.0	230.3	17.5	13.7	11.4	333.3	333.9	0.2	8.8	13.5	63.
31.6	77.3	8535.2	350.0	-25.0	-45.4	229.0	20.3	15.3	13.3	335.6	335.6	0.1	9.1	15.6	61.
33.8	81.7	9120.1	325.0	-28.4	-51.4	224.2	23.0	16.0	16.5	337.5	337.9	0.1	8.9	18.4	59.
36.1	85.7	9698.9	300.0	-32.9	-54.5	217.9	23.4	14.4	18.5	339.0	339.3	0.1	9.4	21.6	56.
38.7	90.0	10293.9	275.0	-38.4	-58.4	225.3	24.5	17.7	17.5	339.7	339.9	0.0	9.9	25.2	54.
41.2	94.6	10944.9	250.0	-41.4	99.9	232.6	27.5	21.8	16.7	344.5	999.9	99.9	999.9	29.2	53.
43.9	99.4	11651.2	225.0	-46.9	99.9	229.2	29.0	21.9	19.0	346.6	999.9	99.9	999.9	33.8	53.
46.6	104.5	12420.9	200.0	-53.1	99.9	234.3	29.3	21.9	17.1	346.5	999.9	99.9	999.9	38.6	53.
49.4	110.2	13271.4	175.0	-58.6	99.9	228.1	24.7	19.4	16.5	353.3	999.9	99.9	999.9	43.0	53.
52.9	115.3	14228.4	150.0	-63.9	99.9	225.1	21.3	15.5	15.4	359.9	999.9	99.9	999.9	47.8	52.
55.6	123.3	15331.3	125.0	-67.6	99.9	223.4	14.0	9.6	10.2	372.6	999.9	99.9	999.9	51.7	52.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

24 JUNE 1977  
1757 GMT

125 98.0 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	555.0	945.2	23.5	22.5	120.0	1.1	0.0	1.1	307.2	257.0	18.4	66.0	0.0	0.
99.9	99.0	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.4	913.9	925.0	25.3	17.9	177.4	3.5	-0.2	3.6	305.2	343.6	14.2	63.9	0.2	343.
1.6	14.5	1054.4	900.0	22.7	17.5	192.9	3.7	0.8	3.6	304.9	343.3	14.2	73.0	0.4	354.
2.9	15.5	1209.4	875.0	19.9	17.3	205.9	2.9	1.5	2.5	304.4	342.8	14.4	85.4	0.6	5.
3.9	16.7	1549.4	850.0	17.9	16.4	204.5	3.5	1.5	3.3	304.8	342.8	14.0	51.6	0.8	10.
4.9	20.2	1805.2	825.0	15.5	15.2	206.5	4.5	2.2	3.9	305.0	342.3	13.3	52.1	1.0	12.
5.4	23.2	2057.8	800.0	15.3	14.1	220.3	1.9	3.2	3.7	307.5	342.6	12.8	52.5	1.1	16.
5.9	25.5	2317.7	775.0	14.2	13.1	239.4	4.4	3.8	2.3	309.1	343.4	12.4	52.1	1.3	20.
6.5	27.7	2614.4	750.0	11.2	9.0	253.8	2.3	3.2	0.9	303.8	336.1	9.8	86.4	1.4	25.
7.7	30.2	2877.4	725.0	9.7	7.3	255.4	2.1	2.2	0.8	310.1	335.3	8.9	84.8	1.5	30.
9.1	32.8	3139.3	700.0	7.5	3.6	261.6	1.7	1.4	-0.9	310.9	331.3	7.1	75.7	1.6	34.
10.4	35.3	3429.1	675.0	6.8	-0.5	215.1	2.3	1.8	-1.5	313.3	329.4	5.5	55.6	1.5	42.
11.7	37.3	3707.2	650.0	4.6	-3.5	267.7	2.3	2.9	0.1	314.2	327.8	4.6	55.8	1.6	47.
12.8	40.4	4115.0	625.0	2.3	-6.9	251.4	4.9	4.7	1.6	315.1	328.0	4.3	58.9	1.8	51.
14.1	43.0	4444.3	600.0	-0.4	-8.7	251.8	5.1	5.5	1.8	315.7	328.3	4.2	67.4	2.3	55.
15.2	45.8	4793.9	575.0	-2.3	-8.5	238.1	6.3	5.5	3.4	317.3	327.3	3.2	57.8	2.6	57.
15.4	48.8	5135.7	550.0	-4.9	-6.1	234.5	10.4	5.4	5.2	319.3	331.7	4.4	91.2	3.2	56.
17.6	51.6	5401.4	525.0	-5.9	-8.9	234.7	14.0	11.4	9.1	321.4	333.0	3.7	79.2	4.1	56.
19.9	54.9	5892.4	500.0	-7.3	-8.6	229.1	16.5	12.5	10.6	323.1	324.3	0.0	1.0	5.3	55.
20.5	57.7	6220.1	475.0	-10.0	-8.2	230.4	20.2	15.6	12.9	325.6	325.7	0.0	1.0	6.9	53.
22.1	61.1	6655.8	450.0	-11.8	-8.4	227.4	25.9	19.9	99.9	328.4	328.5	0.0	999.9	999.9	999.9
23.7	64.6	7120.7	425.0	-14.9*	-8.5	209.9	99.9	99.9	99.9	331.0	331.1	0.0	999.9	999.9	999.9
25.4	68.0	7584.3	400.0	-18.5	-8.7	200.9	99.9	99.9	99.9	331.0	331.1	0.0	1.0	999.9	999.9
27.3	71.5	8046.5	375.0	-20.4	-8.0	220.5	14.9	9.5	11.1	327.4	334.5	0.0	1.0	14.4	50.
29.3	75.5	8571.7	350.0	-25.5	-8.2	229.4	13.2	10.1	8.6	334.3	334.4	0.0	1.0	15.5	50.
30.9	79.6	9106.4	325.0	-28.2	-8.0	221.7	27.1	18.7	15.6	337.8	337.9	0.0	1.0	18.1	49.
32.9	83.7	9477.2	300.0	-31.8	-8.2	221.7	21.0	18.5	13.0	340.6	340.7	0.0	1.0	20.7	49.
34.6	89.0	10255.4	275.0	-35.9	-8.3	241.1	22.0	19.3	10.6	341.8	341.9	0.0	999.9	25.7	51.
35.7	93.0	10937.3	250.0	-47.4	99.9	242.2	21.5	15.4	10.2	343.0	343.0	99.9	999.9	28.7	52.
39.1	99.0	11642.0	225.0	-47.2	99.9	235.0	19.7	16.4	11.0	345.2	345.2	99.9	999.9	28.7	52.
41.6	103.5	12310.4	200.0	-57.5	99.9	234.4	19.5	15.0	9.4	345.0	345.0	99.9	999.9	31.6	52.
44.4	109.9	13257.3	175.0	-69.6	99.9	233.3	17.2	15.3	8.1	351.5	351.5	99.9	999.9	34.7	53.
47.2	116.7	14207.0	150.0	-65.6	99.9	235.7	15.1	12.5	8.5	357.1	357.1	99.9	999.9	37.6	53.
50.5	124.7	15200.5	125.0	-69.0	99.9	237.1	14.5	12.5	9.1	370.0	369.9	99.9	999.9	41.0	53.
54.3	133.0	16166.5	100.0	-71.9	99.9	909.0	99.9	99.9	99.9	325.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	97.6	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
RIG SPRING, TEXAS

24 JUNE 1977  
1800 GMT

126 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	791.0	928.1	28.3	19.8	230.0	2.7	2.1	1.7	308.0	351.4	15.9	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.2	910.9	925.0	27.1*	17.6	999.9	99.9	99.9	99.9	307.1	344.9	13.8	56.0	999.9	999.
0.9	15.5	1052.5	900.0	24.4	17.1	999.9	99.9	99.9	99.9	306.7	344.3	13.8	62.6	999.9	999.
1.6	17.7	1299.0	875.0	21.7	16.4	999.9	99.9	99.9	99.9	306.3	343.3	13.6	71.9	999.9	999.
2.3	20.1	1550.1	850.0	19.0	15.3	183.4	2.7	0.2	2.7	306.0	341.7	13.0	79.5	0.4	22.
3.4	22.3	1806.6	825.0	16.8	13.2	166.4	2.9	-0.7	2.9	305.4	338.5	11.7	79.3	0.5	12.
4.3	24.8	2050.0	800.0	15.2	11.3	161.6	1.9	-0.6	1.7	307.3	336.7	10.6	77.6	0.7	6.
5.5	27.1	2327.6	775.0	13.5	7.6	68.6	2.5	-2.3	-0.9	308.3	332.3	8.5	66.6	0.7	358.
6.5	29.8	2613.3	750.0	11.6	5.5	356.8	2.5	0.1	-2.5	309.2	330.8	7.6	67.1	0.5	350.
7.7	32.4	2896.2	725.0	9.5	3.1	18.1	4.5	-1.4	-4.3	309.9	328.9	6.6	64.3	0.4	350.
9.7	35.1	3187.0	700.0	8.1	1.4	324.1	6.0	3.5	-4.8	311.5	329.1	6.1	62.4	0.3	241.
9.8	37.7	3486.7	675.0	6.0	-0.0	223.7	6.4	4.4	4.6	312.4	329.0	5.7	65.0	0.3	85.
10.9	40.5	3794.8	650.0	3.2	-0.7	257.0	5.5	3.5	0.8	312.6	329.0	5.6	75.4	0.5	57.
12.1	43.1	4112.1	625.0	1.5	-4.9	297.1	7.3	7.5	-2.3	314.2	327.0	4.3	62.2	0.7	75.
13.2	46.1	4440.3	600.0	-0.3	-13.2	286.6	8.3	8.4	-2.5	315.8	323.0	2.3	37.0	1.4	92.
14.4	49.3	4778.8	575.0	-3.0	-18.6	263.3	8.1	8.0	0.9	316.5	321.4	1.6	29.4	1.9	93.
15.6	52.1	5129.5	550.0	-5.1	-17.7	245.6	10.0	9.1	4.1	318.1	325.8	2.5	51.5	2.6	98.
17.0	55.3	5495.2	525.0	-5.0	-37.4	228.8	16.1	12.1	10.6	322.5	323.5	0.3	5.8	3.4	80.
18.4	58.4	5876.7	500.0	-7.4	-38.4	225.3	15.2	10.9	10.7	324.1	325.0	0.3	6.2	4.8	69.
19.7	61.9	6274.7	475.0	-9.7	-39.3	220.3	13.3	10.2	8.6	326.0	326.9	0.3	6.8	5.7	65.
21.2	65.7	6699.7	450.0	-11.4	-45.5	227.1	18.3	13.4	12.5	327.6	328.1	0.1	4.4	7.0	62.
22.7	69.7	7124.0	425.0	-14.9	-48.5	229.0	19.2	14.5	12.6	329.8	330.2	0.1	3.8	9.8	59.
24.3	72.3	7579.2	400.0	-18.5	-49.1	229.2	18.8	14.2	12.3	331.0	331.4	0.1	4.8	10.6	57.
26.0	76.3	8057.9	375.0	-21.8	-49.4	231.2	18.8	15.4	12.4	332.2	333.2	0.1	6.1	12.4	56.
27.8	80.3	8561.0	350.0	-24.8	-54.5	229.1	24.5	18.5	16.0	335.3	335.6	0.1	4.4	14.8	56.
29.6	84.4	9097.5	325.0	-29.9	-57.7	272.9	15.1	12.0	9.1	335.9	337.1	0.0	4.3	17.2	54.
31.5	88.6	9664.9	300.0	-33.1	-57.4	227.8	31.0	22.9	20.8	338.7	339.0	0.1	6.7	19.5	54.
33.6	93.4	10270.6	275.0	-37.4	-58.6	227.5	34.5	25.4	23.3	341.0	341.2	0.0	8.8	24.0	53.
35.9	98.2	10921.9	250.0	-42.2	99.9	246.2	23.6	21.6	3.5	343.4	999.9	99.9	999.9	27.3	54.
39.2	107.3	11627.1	225.0	-47.5	99.9	231.1	34.5	26.9	21.7	345.7	999.9	99.9	999.9	32.1	55.
40.6	109.0	12296.3	200.0	-52.5	99.9	245.2	39.4	35.8	16.5	349.2	999.9	99.9	999.9	36.5	55.
43.1	115.0	13248.0	175.0	-58.0	99.9	241.7	25.4	22.4	12.1	354.2	999.9	99.9	999.9	39.8	56.
45.6	121.9	14206.3	150.0	-63.6	99.9	219.4	27.4	17.4	12.2	360.2	999.9	99.9	999.9	43.0	55.
49.7	129.3	15303.5	125.0	-68.0	99.9	234.1	25.0	20.3	14.7	370.2	999.9	99.9	999.9	45.8	56.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

24 JUNE 1977  
2100 GMT

116 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PPSS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	873.0	515.7	32.2	15.2	150.0	7.9	-3.9	6.8	313.1	346.9	12.0	36.0	0.0	0.
99.9	99.9	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.5	999.9
99.9	99.9	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	13.3	1077.3	600.0	29.2	99.9	174.9	9.8	-0.6	9.8	311.6	599.9	99.9	99.9	0.3	310.
1.6	15.4	1285.9	875.0	25.8	15.6	145.1	5.5	-3.1	4.6	310.6	346.4	12.9	53.2	0.7	329.
2.5	17.5	1541.6	850.0	23.4	14.5	128.6	4.9	-3.8	3.0	310.7	345.2	17.4	57.5	1.0	326.
3.5	17.6	1901.8	625.0	21.0	13.3	125.7	4.6	-3.7	2.7	310.8	343.7	11.7	61.3	1.2	321.
4.5	21.6	2087.4	600.0	15.4	12.2	117.1	4.2	-4.2	2.2	310.8	342.4	11.3	67.3	1.5	319.
5.4	24.0	2330.2	775.0	15.9	10.8	126.5	7.5	-2.9	2.1	310.9	340.6	10.6	71.7	1.7	315.
5.3	26.1	2417.3	750.0	13.3	12.2	146.2	0.8	-0.4	3.6	311.1	340.7	10.5	81.1	1.9	315.
7.1	28.5	2602.3	725.0	11.2	7.0	278.4	0.4	0.4	0.4	311.7	336.6	8.7	75.5	1.9	315.
9.0	31.0	2787.7	700.0	9.1	4.9	305.1	2.6	2.1	-1.5	312.6	335.1	7.8	74.9	1.8	315.
9.9	33.5	2956.6	675.0	6.8	2.2	295.0	5.7	5.2	-2.4	313.2	332.7	6.7	72.5	1.6	318.
9.8	35.9	3105.1	650.0	5.4	-1.5	295.4	8.1	7.3	-3.5	315.1	330.8	5.3	61.2	1.3	324.
10.6	39.5	4185.3	625.0	3.5	-4.2	297.9	8.9	7.7	-4.1	316.5	330.1	4.5	57.2	0.7	348.
12.3	41.0	4455.0	600.0	1.0	-6.6	291.6	9.3	8.6	-3.4	317.3	329.2	3.9	56.9	0.6	48.
13.7	41.8	4755.7	575.0	-2.0	-10.1	274.7	7.3	7.7	-0.9	317.7	327.2	3.1	52.8	1.2	81.
15.2	45.5	5107.9	550.0	-4.3	-14.8	241.1	5.3	7.0	3.9	319.0	326.1	2.2	44.0	1.5	79.
15.8	49.6	5514.6	525.0	-3.5	-25.0	243.0	11.0	9.8	5.0	323.9	327.0	0.9	16.4	2.7	73.
19.2	52.4	5928.5	500.0	-5.9	-29.5	244.5	14.1	12.7	6.1	325.8	326.4	0.7	14.8	3.8	70.
19.5	55.4	6207.9	475.0	-8.9	-31.7	244.8	16.3	13.0	6.1	326.9	326.9	0.6	13.7	5.0	69.
21.3	59.6	6714.5	450.0	-11.5	-29.0	247.9	15.2	13.6	7.0	325.7	331.6	0.8	23.4	6.5	68.
23.1	51.9	7150.5	425.0	-13.5	-37.0	235.9	15.0	13.3	9.0	331.2	332.5	0.4	12.0	8.1	66.
24.9	65.3	7629.9	400.0	-16.8	-37.7	241.7	17.5	15.4	8.3	333.1	335.1	0.6	22.0	9.9	65.
25.9	68.3	8087.1	375.0	-20.7	-42.5	237.1	17.4	14.5	9.5	334.5	335.7	0.2	11.6	12.1	64.
28.0	72.4	8607.7	350.0	-23.8	-45.5	241.2	21.1	18.5	10.1	335.7	337.4	0.2	11.4	13.2	63.
30.3	75.3	9137.4	325.0	-25.1	-42.3	241.5	23.6	20.3	11.2	333.0	338.5	0.1	12.3	16.9	62.
32.3	80.4	9702.6	300.0	-32.6	-42.1	240.0	27.5	23.3	13.3	337.4	340.6	0.3	28.4	20.1	63.
35.0	84.8	10710.3	275.0	-37.2	-42.5	232.9	27.2	21.7	16.5	341.3	342.5	0.3	57.5	23.3	61.
37.3	89.2	10947.4	250.0	-41.7	99.5	242.5	29.2	25.9	13.4	344.1	599.9	99.9	955.9	27.4	61.
39.8	94.2	11440.7	225.0	-47.4	99.9	245.3	31.9	30.3	14.1	345.9	999.9	99.9	999.9	32.1	62.
42.6	99.4	12139.4	200.0	-52.6	99.9	244.4	31.5	29.4	13.6	349.4	999.9	99.9	999.9	37.4	62.
45.4	105.0	13032.2	175.0	-57.8	99.5	250.9	24.7	24.7	8.6	354.5	999.9	99.9	999.9	42.6	63.
48.5	111.5	14283.5	150.0	-64.3	99.9	235.1	15.6	10.8	10.8	350.3	999.9	99.9	999.9	46.9	63.
51.9	119.7	15249.2	125.0	-68.4	99.9	225.4	15.2	13.5	13.5	369.3	999.9	99.9	999.9	51.3	62.
99.9	99.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.0	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.0	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.0	25.0	99.9	99.9	99.0	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

24 JUNE 1977  
2100 GMT

131 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM W-HOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT CG C	DIR DG	SPEED M/SEC.	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	771.0	931.3	27.7	22.9	0.0	0.0	0.0	0.0	307.0	359.0	19.2	75.0	0.0	0.
00.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
18.8	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
27.7	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
36.6	09.9	99.9	900.0	23.2	15.6	99.9	99.9	99.9	99.9	305.3	339.5	12.5	62.3	999.9	999.9
45.5	09.9	99.9	875.0	21.4	15.5	14.9	1.9	-0.6	1.8	305.0	340.9	12.8	69.2	0.2	34.7
54.4	09.9	99.9	850.0	19.9	14.8	17.9	2.3	-0.0	2.3	305.0	340.4	12.6	77.0	0.3	34.3
63.3	09.9	99.9	825.0	17.4	10.1	19.1	2.4	0.7	2.3	307.0	333.6	9.6	62.9	0.4	35.5
72.2	09.9	99.9	800.0	17.1	4.4	24.2	3.2	3.0	1.4	309.4	328.3	6.6	42.8	0.5	6.
81.1	09.9	99.9	775.0	15.3	2.9	29.1	3.0	1.9	2.3	310.7	327.9	6.1	43.0	0.7	19.
90.0	09.9	99.9	750.0	13.9	2.0	24.6	3.2	1.9	2.7	311.7	328.9	5.9	44.4	0.8	22.
98.9	09.9	99.9	725.0	11.5	2.4	26.7	5.2	4.8	2.1	312.1	330.4	6.3	53.6	1.1	30.
107.8	09.9	99.9	700.0	9.6	0.2	28.0	4.3	4.3	0.4	313.1	329.5	5.6	51.9	1.4	41.
116.7	09.9	99.9	675.0	7.1	-1.9	29.0	3.2	3.1	-0.7	313.6	328.2	5.0	52.8	1.5	49.
125.6	09.9	99.9	650.0	4.5	-2.9	29.3	3.9	3.7	-1.4	314.1	323.3	4.9	56.3	1.7	54.
134.5	09.9	99.9	625.0	2.0	-5.2	30.0	4.3	4.4	-2.7	314.7	327.4	4.2	59.6	1.9	65.
143.4	09.9	99.9	600.0	0.7	-8.0	30.0	4.3	3.9	-1.9	315.3	327.4	4.0	65.9	2.1	74.
152.3	09.9	99.9	575.0	-3.0	-11.7	28.9	5.2	5.2	0.4	316.5	325.0	2.7	61.8	2.4	75.
161.2	09.9	99.9	550.0	-5.3	-22.8	28.6	9.1	9.5	3.3	320.2	323.9	1.1	20.4	3.1	77.
170.1	09.9	99.9	525.0	-7.4	-25.2	24.7	12.5	11.3	5.2	322.3	325.4	0.9	18.9	4.0	74.
179.0	09.9	99.9	500.0	-7.4	-29.7	22.5	14.6	12.8	6.6	324.0	326.2	0.6	14.9	5.3	72.
187.9	09.9	99.9	475.0	-8.4	-34.4	23.1	14.5	12.9	6.5	327.1	328.6	0.4	10.4	6.7	70.
196.8	09.9	99.9	450.0	-11.3	-36.1	24.1	14.6	13.1	6.4	329.5	329.6	0.3	9.1	8.2	69.
205.7	09.9	99.9	425.0	-15.2	-40.4	27.1	15.1	13.9	5.9	329.5	330.5	0.3	9.4	9.8	69.
214.6	09.9	99.9	400.0	-18.9	-43.0	23.3	15.2	12.0	9.3	330.4	331.2	0.2	5.8	11.4	67.
223.5	09.9	99.9	375.0	-22.0	-45.0	21.7	16.7	12.1	10.4	332.5	331.2	0.2	10.3	13.3	65.
232.4	09.9	99.9	350.0	-25.7	-47.3	21.7	23.9	18.8	14.8	334.2	334.7	0.1	11.0	15.5	63.
241.3	09.9	99.9	325.0	-29.0	-49.7	22.1	19.4	13.3	12.8	336.8	337.2	0.1	11.8	18.8	60.
250.2	09.9	99.9	300.0	-33.5	-53.1	23.4	29.8	23.0	19.0	338.2	338.6	0.1	11.8	21.8	59.
259.1	09.9	99.9	275.0	-38.3	-56.4	22.1	25.9	20.5	15.9	339.6	340.0	0.1	12.8	25.3	58.
268.0	09.9	99.9	250.0	-42.4	99.9	23.1	29.1	24.4	15.8	343.0	343.0	99.9	999.9	29.5	57.
276.9	09.9	99.9	225.0	-46.7	99.9	23.4	33.1	23.5	16.9	346.9	346.9	99.9	999.9	35.2	57.
285.8	09.9	99.9	200.0	-52.9	94.5	24.4	33.5	23.4	16.0	349.1	349.1	99.9	999.9	40.6	58.
294.7	09.9	99.9	175.0	-59.3	99.9	23.9	25.6	21.4	14.0	352.1	352.1	99.9	999.9	46.1	58.
303.6	09.9	99.9	150.0	-64.6	99.9	23.5	28.1	22.0	17.5	353.9	353.9	99.9	999.9	52.2	58.
312.5	09.9	99.9	125.0	-69.2	99.9	22.8	14.1	9.6	10.3	369.3	369.3	99.9	999.9	57.4	57.
321.4	09.9	99.9	100.0	99.9	99.9	50.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
330.3	09.9	99.9	75.0	99.9	99.9	50.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
339.2	09.9	99.9	50.0	99.9	99.9	50.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
348.1	09.9	99.9	25.0	99.9	99.9	50.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
357.0	09.9	99.9	0.0	99.9	99.9	50.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

24 JUNE 1977  
2051 GMT

130 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.4	595.0	947.9	31.0	23.1	170.0	4.1	-0.7	4.0	309.8	361.1	19.2	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	13.5	803.9	925.0	27.5	19.2	129.1	1.8	-1.4	1.1	307.4	349.5	15.5	61.1	0.2	254.
1.5	15.7	1046.2	900.0	24.9	18.2	157.6	2.6	-1.0	2.4	307.1	347.5	14.8	66.6	0.2	279.
2.4	18.1	1293.4	875.0	23.4	16.6	184.8	4.3	0.4	4.3	308.1	345.7	13.7	65.4	0.3	314.
3.3	20.5	1546.3	850.0	21.2	15.7	196.6	4.5	0.5	4.6	308.3	345.1	13.3	71.0	0.5	335.
4.2	22.8	1805.1	825.0	19.5	15.0	192.3	4.3	0.9	4.2	309.3	345.8	13.2	75.2	0.7	346.
5.3	25.3	2069.7	800.0	17.0	12.8	205.0	3.5	1.5	3.2	309.3	342.0	11.8	76.4	1.0	354.
6.4	27.8	2340.2	775.0	15.0	11.2	210.4	3.3	1.7	2.8	310.0	340.4	10.9	78.0	1.2	1.
7.5	30.4	2617.6	750.0	13.2	8.3	210.1	3.0	1.6	2.6	311.9	337.0	9.2	72.3	1.3	4.
8.5	33.1	2902.4	725.0	11.3	4.9	223.6	3.9	2.7	2.9	311.9	333.5	7.5	64.8	1.5	9.
9.8	35.7	3198.3	700.0	9.7	3.3	249.9	4.0	3.7	1.4	313.3	333.5	7.0	64.1	1.7	16.
10.9	38.4	3495.5	675.0	7.5	1.2	260.6	4.2	4.1	0.7	314.0	332.3	6.2	64.6	1.9	23.
11.9	41.0	3906.8	650.0	5.7	-1.2	271.7	4.3	4.3	-0.1	315.4	331.4	5.4	60.8	2.0	30.
13.0	44.0	4124.5	625.0	3.0	-5.4	292.7	5.1	5.0	-1.1	315.9	328.3	4.1	54.0	2.1	37.
14.2	47.0	4456.2	600.0	0.9	-7.6	278.4	5.9	5.3	-0.9	317.2	328.2	3.6	52.7	2.3	46.
15.5	50.1	4767.2	575.0	-1.5	-10.6	265.9	6.7	6.7	0.6	318.2	327.5	3.0	50.3	2.7	54.
16.7	53.0	5150.5	550.0	-1.6	-25.7	240.2	10.2	9.9	5.1	322.2	324.9	0.8	12.6	3.2	57.
17.9	56.1	5520.3	525.0	-2.1	-35.9	234.1	14.2	11.5	8.4	324.7	325.9	0.3	5.8	4.2	57.
19.4	59.4	5904.4	500.0	-2.1	-33.3	235.5	15.7	13.0	8.8	325.5	327.2	0.5	9.5	5.5	56.
20.9	62.9	6305.8	475.0	-2.7	-32.7	242.2	15.7	13.9	7.3	327.2	326.9	0.5	11.1	6.9	57.
22.4	66.1	6720.9	450.0	-11.6	-25.5	231.9	15.9	13.3	10.5	329.7	332.1	1.0	28.3	8.3	57.
23.9	69.9	7167.7	425.0	-12.4	-44.1	224.1	17.1	11.9	12.2	331.8	332.5	0.2	5.5	9.9	55.
25.7	73.3	7615.7	400.0	-16.8	-49.2	232.9	17.3	13.3	10.4	333.1	333.5	0.1	4.1	11.7	54.
27.7	77.3	8097.1	375.0	-20.4	-50.9	235.7	14.2	15.1	10.3	334.6	335.0	0.1	4.5	13.8	54.
29.7	81.2	8607.9	350.0	-23.9	-52.7	234.4	19.9	14.2	11.6	335.5	335.8	0.1	4.5	16.0	54.
31.7	85.4	9141.9	325.0	-27.1	-52.1	233.4	22.7	19.2	13.5	337.3	339.7	0.1	7.2	18.6	54.
33.7	89.3	9713.7	300.0	-31.4	-55.2	232.5	23.1	14.4	14.0	341.1	341.4	0.1	7.4	21.4	54.
35.8	94.6	10322.9	275.0	-36.9	-58.8	239.2	24.5	21.1	12.6	341.9	342.0	0.0	8.0	24.4	54.
38.1	99.4	10975.1	250.0	-42.2	-69.9	245.9	24.7	22.6	10.1	343.4	349.9	99.9	999.9	27.8	55.
40.6	104.6	11476.8	225.0	-47.5	-65.5	250.7	27.3	25.7	9.0	345.6	349.9	99.9	999.9	31.5	57.
43.6	110.4	12448.1	200.0	-53.4	-69.9	254.4	26.6	25.6	7.2	348.2	349.9	99.9	999.9	36.3	59.
47.2	116.3	13265.8	175.0	-59.3	-69.9	243.5	18.7	17.4	6.9	352.1	349.9	99.9	999.9	41.1	61.
50.1	123.3	14245.4	150.0	-66.3	-69.9	235.5	17.5	14.4	9.0	355.9	349.9	99.9	999.9	44.1	61.
53.9	130.5	15273.4	125.0	-71.5	-69.9	248.5	17.1	15.9	6.3	355.6	349.9	99.9	999.9	47.9	61.
58.5	138.7	16454.3	100.0	-65.5	-69.9	299.9	99.9	99.9	99.9	363.5	349.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

24 JUNE 1977  
2100 GMT

121 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GM	DEES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	781.0	925.2	31.1	18.5	150.0	2.2	-1.1	1.9	311.0	351.6	14.6	47.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	12.0	799.6	925.0	29.9*	99.9	999.9	99.9	99.9	99.9	309.9	999.9	99.9	999.9	999.9	999.
0.7	14.3	1074.8	900.0	27.1*	99.9	999.9	99.9	99.9	99.9	307.5	999.9	99.9	999.9	999.9	999.
1.4	16.3	1291.9	875.0	23.7	15.4	999.9	99.9	99.9	99.9	303.4	343.5	12.7	59.8	999.9	999.
2.7	19.6	1535.1	850.0	21.6	15.1	294.3	1.3	1.2	-0.5	308.7	344.1	12.8	66.5	0.3	308.
3.8	20.8	1797.8	825.0	19.0	14.1	137.7	1.8	-1.2	1.3	305.7	343.0	12.4	72.4	0.3	308.
4.7	23.1	2057.7	800.0	16.8	9.9	165.3	3.2	-0.3	3.1	309.1	336.1	9.6	63.7	0.5	317.
5.9	25.4	2329.2	775.0	15.1	7.8	143.9	3.4	-0.7	3.4	310.0	334.5	8.6	61.9	0.6	328.
6.9	27.7	2605.3	750.0	13.1	4.9	156.2	3.3	-1.3	3.0	310.8	331.8	7.3	57.9	0.9	329.
7.9	30.2	2890.0	725.0	11.9	2.8	194.7	2.4	0.5	2.3	312.4	331.2	6.5	54.0	1.0	333.
9.9	32.8	3182.8	700.0	9.2	1.1	259.4	3.5	3.4	0.6	312.7	330.1	6.0	57.1	1.1	341.
9.9	35.4	3483.7	675.0	7.5	-0.8	294.4	4.8	4.3	-2.2	314.1	330.0	5.4	55.5	1.0	358.
11.1	38.0	3797.5	650.0	5.1	-3.3	312.8	7.3	5.4	-5.0	314.7	328.5	4.6	54.5	0.8	16.
12.1	40.6	4117.0	625.0	2.8	-5.2	314.3	7.2	5.2	-5.0	315.7	328.2	4.2	55.4	0.7	62.
13.4	43.3	4442.1	600.0	0.4	-9.4	291.8	6.4	6.0	-2.4	316.6	326.3	3.1	47.5	1.0	85.
14.6	45.3	4782.1	575.0	-2.0	-12.4	274.2	7.8	7.8	-3.6	317.7	325.7	2.6	44.8	1.5	51.
15.9	49.3	5134.1	550.0	-3.9	-19.8	251.6	7.9	7.5	2.5	319.5	324.3	1.4	27.8	2.1	90.
17.3	52.1	5501.2	525.0	-4.7	-25.5	237.1	9.5	8.0	5.2	322.7	325.8	0.9	17.8	2.7	82.
18.5	55.2	5894.0	500.0	-6.8	-30.1	242.3	16.5	14.6	7.7	324.8	327.0	0.6	13.6	3.6	77.
19.8	59.4	6242.6	475.0	-9.1	-35.0	244.9	15.2	14.7	6.9	325.7	328.2	0.4	10.1	5.0	73.
21.2	61.7	6609.9	450.0	-11.3	-39.1	245.8	17.5	15.9	7.2	325.1	330.2	0.3	8.7	6.2	72.
22.7	65.1	7135.9	425.0	-13.4	-39.7	245.1	19.2	16.5	7.7	331.7	332.8	0.3	8.8	7.9	70.
24.2	68.6	7594.2	400.0	-17.1	-42.0	244.6	18.1	16.3	7.8	332.8	333.7	0.2	5.2	9.6	69.
25.9	72.1	8075.6	375.0	-20.1	-45.2	238.7	16.8	14.4	8.7	335.0	335.7	0.2	8.5	11.2	68.
27.6	76.0	8583.0	350.0	-23.9	-46.8	236.5	24.2	20.2	13.4	336.5	337.1	0.2	10.0	13.4	67.
29.7	80.1	9119.5	325.0	-28.1	-48.4	237.0	22.1	18.7	11.8	338.0	338.5	0.1	12.1	15.6	65.
31.0	84.3	9699.8	300.0	-32.3	-50.2	234.1	31.6	25.6	19.5	339.9	340.3	0.1	14.8	18.5	64.
32.9	88.6	10297.7	275.0	-36.7	-49.3	243.4	27.0	24.1	12.1	342.0	342.7	0.1	25.4	21.7	63.
35.0	93.4	10951.8	250.0	-41.3	99.9	245.8	33.9	30.9	13.9	344.7	999.9	99.9	999.9	25.8	63.
37.3	94.4	11653.7	225.0	-45.4	99.9	250.5	30.0	25.3	10.0	347.4	999.9	99.9	999.9	31.0	63.
39.9	103.8	12477.0	200.0	-51.7	99.9	247.0	30.0	27.6	11.7	351.0	999.9	99.9	999.9	35.8	64.
42.3	109.8	13299.2	175.0	-57.4	99.9	253.8	29.5	28.4	9.3	355.2	999.9	99.9	999.9	39.9	65.
45.1	116.0	14249.9	150.0	-63.0	99.9	249.9	9.5	8.9	3.3	361.5	999.9	99.9	999.9	43.7	65.
48.4	123.3	15357.4	125.0	-68.7	99.9	227.6	27.0	20.6	19.8	370.5	999.9	99.9	999.9	48.2	63.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

25 JUNE 1977  
0 GMT

114 102.0 0

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	877.0	915.3	31.1	13.6	160.0	7.9	-2.7	7.3	312.1	343.0	11.0	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	599.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	599.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	599.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	599.
0.5	14.5	1071.4	900.0	29.1	14.2	145.3	7.4	-4.2	6.1	310.5	342.7	11.5	42.0	0.3	329.
1.5	16.5	1273.0	975.0	26.1	14.5	148.7	7.2	-3.7	6.1	310.9	344.4	12.0	48.7	0.7	329.
2.5	18.9	1527.8	950.0	23.6	13.4	156.5	7.5	-3.0	6.9	310.9	343.1	11.5	52.9	1.1	330.
3.4	20.9	1799.1	825.0	21.5	12.8	164.6	6.9	-1.8	5.7	311.6	343.2	11.4	57.7	1.6	333.
4.5	23.2	2054.5	900.0	19.2	11.9	157.7	5.0	-2.3	5.5	311.6	342.7	11.0	62.6	2.0	335.
5.7	25.5	2327.0	775.0	16.6	11.2	151.6	5.3	-2.5	4.6	311.5	342.3	11.0	71.7	2.3	335.
5.7	25.4	2537.4	750.0	13.9	10.5	149.5	6.3	-3.4	5.5	311.5	341.8	10.7	80.6	2.7	334.
7.7	30.2	3251.2	725.0	12.2	7.4	139.7	4.1	-2.6	3.1	312.9	339.5	9.0	72.5	3.0	332.
8.9	32.3	3190.0	700.0	10.4	4.4	135.1	1.5	-3.6	1.4	314.0	335.9	7.6	66.4	3.2	332.
9.9	35.3	3487.3	650.0	5.0	2.7	156.4	1.1	-0.4	1.3	314.6	334.8	6.9	65.1	3.3	333.
11.1	37.7	3799.1	650.0	3.9	2.0	202.5	0.7	0.3	0.6	315.6	335.6	6.8	76.0	3.3	333.
12.3	40.3	4118.7	625.0	3.9	-1.3	339.7	2.0	2.2	-1.8	315.9	333.6	5.6	69.3	3.3	334.
13.5	42.9	4480.1	600.0	1.2	-1.7	264.9	4.1	3.3	-1.7	317.5	334.4	5.7	81.5	3.0	336.
14.9	45.9	4790.8	575.0	-1.1	-6.5	261.9	6.7	6.7	3.9	318.7	331.2	4.1	66.3	2.9	343.
15.1	49.7	5144.1	550.0	-3.9	-9.6	247.7	9.8	8.7	1.3	319.5	329.9	3.4	64.7	2.8	355.
17.3	51.4	5510.0	525.0	-6.2	-11.7	259.9	10.0	10.0	1.6	321.0	330.6	3.0	66.0	3.0	10.
19.6	54.5	5822.2	500.0	-6.2	-24.3	255.1	9.8	8.0	5.6	325.5	330.1	1.1	22.2	3.5	22.
20.1	57.4	6251.8	475.0	-8.5	-26.3	249.3	9.9	6.3	7.7	327.5	330.8	1.0	22.5	4.3	26.
21.6	60.6	6703.4	450.0	-12.2	-20.1	230.4	14.2	9.2	10.9	327.9	333.6	1.7	51.9	5.3	29.
23.5	64.0	7187.2	425.0	-14.6	-27.0	231.0	22.0	17.1	13.0	330.3	333.7	1.0	33.6	7.3	33.
25.2	67.3	7586.6	400.0	-17.0	-36.2	235.2	23.9	19.6	13.6	331.7	333.3	0.4	18.5	9.5	38.
26.9	70.7	8076.8	375.0	-20.6	-20.4	232.4	24.6	19.5	14.9	334.4	337.5	0.9	45.2	12.1	41.
29.8	74.4	8565.1	350.0	-24.7	-41.9	235.0	24.3	20.2	13.6	335.3	336.5	0.3	18.6	14.6	44.
30.8	79.3	9120.9	325.0	-29.6	-43.7	234.2	25.7	20.3	15.3	337.2	339.3	0.3	25.0	17.6	46.
32.7	82.2	9690.0	300.0	-32.1	-32.5	240.7	25.1	23.0	12.9	340.2	343.1	0.8	52.5	20.6	48.
34.9	85.3	10311.1	275.0	-35.7	-41.9	246.2	25.7	23.6	10.4	343.5	344.8	0.3	53.4	23.6	50.
37.3	90.9	10955.5	250.0	-41.6	99.9	242.8	31.5	29.9	15.3	344.2	344.2	99.9	999.9	27.8	52.
40.3	95.7	11643.0	225.0	-47.0	99.9	242.8	31.5	28.1	14.4	346.2	346.2	99.9	955.9	33.6	54.
42.9	100.7	12474.3	200.0	-52.1	99.9	248.3	27.6	25.6	10.2	350.3	350.3	99.9	959.9	38.5	55.
45.6	106.5	13251.2	175.0	-59.0	99.9	253.7	23.1	22.2	6.5	352.5	352.5	99.9	959.9	42.3	57.
48.6	112.5	14237.3	150.0	-64.9	99.9	256.4	20.5	17.1	11.4	359.6	359.6	99.9	955.9	46.8	58.
52.6	119.3	15334.9	125.0	-70.0	99.9	257.6	18.5	14.4	13.1	368.3	368.3	99.9	999.9	52.0	57.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	599.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	599.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	599.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	599.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST. TEXAS

25 JUNE 1977  
3 GMT

130 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	771.0	927.7	29.1	18.8	180.0	0.7	0.0	0.7	308.8	349.9	15.0	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.1	13.9	795.9	925.0	29.2*	19.9	999.9	99.9	99.9	99.9	309.2	999.9	99.9	999.9	999.9	999.
1.4	16.2	1040.0	900.0	27.1	17.5	999.9	99.9	99.9	99.9	309.4	348.6	14.2	55.9	999.9	999.
2.5	18.9	1289.3	875.0	23.4	15.2	999.9	99.9	99.9	99.9	308.1	342.7	12.6	50.1	999.9	999.
3.7	21.2	1540.8	850.0	21.1	14.3	999.9	99.9	99.9	99.9	309.2	342.0	12.2	45.4	999.9	999.
4.8	24.0	1799.0	825.0	18.8	13.6	999.9	99.9	99.9	99.9	308.5	341.7	12.0	71.2	999.9	999.
6.1	26.4	2063.3	800.0	17.2	11.8	999.9	99.9	99.9	99.9	309.5	340.0	11.0	70.5	999.9	999.
7.3	29.2	2313.9	775.0	16.0	5.5	999.9	99.9	99.9	99.9	311.0	332.0	7.3	45.6	999.9	999.
8.4	32.1	2511.7	750.0	12.2	4.5	999.9	99.9	99.9	99.9	310.9	331.8	7.3	57.2	999.9	999.
9.8	35.0	2895.4	725.0	11.8	2.3	999.9	99.9	99.9	99.9	312.4	330.6	6.3	52.1	999.9	999.
10.9	37.7	3199.0	700.0	10.1	0.4	291.4	2.7	2.7	-0.5	313.7	330.3	5.6	50.6	2.9	6.
12.1	40.6	3490.4	675.0	7.7	-1.7	248.9	2.8	2.8	0.1	314.3	329.1	5.0	51.1	2.8	11.
13.4	43.5	3790.2	650.0	5.0	-4.7	279.2	5.3	5.3	-0.8	314.6	327.2	4.2	49.5	2.8	17.
15.0	46.6	4119.2	625.0	2.3	-5.0	269.5	4.9	4.9	0.0	315.1	327.8	4.2	58.3	3.0	26.
16.6	49.9	4499.5	600.0	1.5	-3.9	266.5	6.7	6.7	0.4	317.9	327.9	3.3	45.9	3.3	34.
18.2	52.9	4736.5	575.0	-1.5	-10.6	267.4	9.9	9.9	5.8	319.3	327.5	3.0	45.6	3.8	44.
19.7	56.0	5141.8	550.0	-4.0	-15.6	261.1	15.5	15.4	2.4	319.3	325.9	2.1	40.1	4.7	52.
21.5	59.5	5499.2	525.0	-5.9	-16.7	265.9	17.4	17.4	1.2	321.5	327.9	2.0	41.8	6.4	61.
23.2	63.1	5899.8	500.0	-7.3	-21.6	244.6	13.8	13.7	1.3	324.2	328.7	1.4	31.0	7.9	66.
24.8	66.4	6297.6	475.0	-9.6	-22.3	247.3	11.4	10.5	4.4	326.1	327.9	0.5	13.7	9.0	67.
26.5	70.1	6703.0	450.0	-12.6	-25.9	235.2	10.5	8.6	6.0	327.4	328.8	0.4	12.2	10.0	66.
28.1	73.7	7136.9	425.0	-15.6	-33.0	235.0	12.8	10.4	7.3	329.0	330.3	0.3	12.5	11.2	65.
29.9	77.7	7592.0	400.0	-18.6	-40.2	237.1	14.3	14.0	8.4	330.9	332.0	0.3	12.7	12.7	64.
31.6	81.5	8071.0	375.0	-21.2	-22.5	244.6	14.0	17.7	5.9	333.6	336.9	0.9	45.5	14.5	64.
33.3	85.4	8577.0	350.0	-24.4	-43.0	259.8	23.0	22.6	4.5	335.9	336.8	0.2	15.8	16.7	65.
35.3	89.9	9112.2	325.0	-28.9	-33.3	244.4	18.2	16.7	7.3	336.8	339.4	0.7	65.8	19.2	67.
37.6	94.4	9679.4	300.0	-33.5	-37.1	242.9	19.1	17.0	8.7	338.2	340.1	0.5	69.6	21.6	66.
39.9	99.4	10285.9	275.0	-37.3	-41.0	244.8	23.1	20.9	9.9	341.2	342.7	0.4	67.5	24.4	66.
42.2	104.5	10936.2	250.0	-43.0	99.9	242.0	24.0	24.7	13.1	342.1	999.9	99.9	999.9	27.9	66.
44.5	110.0	11477.3	225.0	-49.1	99.9	246.7	29.5	27.1	11.6	343.3	999.9	99.9	999.9	32.0	66.
48.0	115.6	12301.0	200.0	-54.3	99.9	247.2	29.7	27.4	11.5	346.3	999.9	99.9	999.9	38.5	65.
51.5	122.0	13246.3	175.0	-59.9	99.9	237.9	23.9	20.3	12.7	351.0	999.9	99.9	999.9	44.3	66.
55.3	128.5	14195.4	150.0	-65.3	99.9	228.0	13.0	13.4	12.0	357.6	999.9	99.9	999.9	49.3	64.
59.9	135.7	15292.7	125.0	-70.5	99.9	228.0	15.5	11.7	10.3	367.3	999.9	99.9	999.9	53.9	63.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

24 JUNE 1977  
2354 GMT

125 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RFD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	585.0	545.5	26.3	21.3	113.0	3.5	-3.4	1.2	307.3	353.7	17.1	62.0	0.0	0.
00.9	99.0	60.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.9	99.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	55.9	995.5	999.9	999.9
00.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	12.5	700.0	520.0	29.5	19.9	999.9	99.9	99.9	99.9	308.4	252.4	16.1	55.9	999.9	999.9
1.6	14.7	1034.2	500.0	26.1	13.6	999.9	99.9	99.9	99.9	308.4	350.1	15.2	63.3	599.9	999.9
2.5	16.7	1232.0	475.0	23.4	17.6	162.8	6.1	-1.8	5.8	308.1	348.3	14.7	69.9	1.2	329.
3.7	19.0	1535.2	850.0	21.1	17.3	173.8	6.5	-0.7	6.4	308.2	348.9	14.8	75.0	1.5	333.
4.2	21.1	1797.7	325.0	18.9	16.3	191.7	6.2	1.3	6.1	308.6	348.1	14.4	85.0	1.8	338.
5.2	23.5	2058.6	800.0	17.3	13.9	200.8	6.6	2.3	6.2	309.6	344.7	12.6	80.2	2.1	345.
5.9	25.8	2399.9	775.0	15.4	12.0	199.2	5.8	1.9	5.5	310.4	342.5	11.5	75.9	2.4	345.
7.3	28.1	2606.0	750.0	14.2	8.9	231.7	3.0	2.4	1.9	312.0	339.3	9.6	70.6	2.6	354.
8.5	30.7	2897.6	725.0	11.6	6.5	244.7	2.3	2.1	1.0	312.2	336.4	8.4	70.8	2.7	357.
9.7	33.1	3195.9	700.0	10.3	3.5	282.2	1.2	1.8	-0.4	312.9	334.4	7.1	62.5	2.7	1.
10.8	35.6	3480.3	675.0	8.5	0.8	326.1	2.2	1.2	-1.8	315.2	333.0	6.0	58.5	2.6	3.
11.8	38.2	3800.0	650.0	5.4	-1.0	323.7	2.4	1.4	-2.0	315.1	331.3	5.5	63.1	2.5	4.
13.3	40.8	4119.7	625.0	3.1	-3.7	285.3	4.1	3.7	-1.7	316.0	330.0	4.7	60.8	2.4	10.
14.6	43.6	4449.5	400.0	0.8	-5.9	283.3	5.1	5.9	0.4	317.0	329.5	4.1	61.1	2.3	20.
15.9	46.5	4790.8	575.0	-1.0	-3.4	267.3	9.3	9.3	0.4	318.8	334.5	5.2	84.2	2.5	32.
16.9	49.5	5145.3	550.0	-1.8	-13.8	261.6	11.2	11.1	1.6	321.9	329.6	2.4	39.2	3.0	43.
18.0	52.3	5514.0	525.0	-3.1	-19.1	251.6	12.7	11.7	3.9	324.7	330.0	1.6	27.7	3.6	45.
19.1	55.7	5890.2	500.0	-5.4	-24.6	245.7	13.8	12.5	5.7	325.0	329.6	1.0	21.0	4.5	53.
20.6	58.4	6299.7	475.0	-8.7	-35.7	242.5	13.9	12.4	6.4	327.2	328.4	0.4	8.4	5.7	55.
22.2	61.0	6715.3	450.0	-11.4	-39.4	238.2	11.0	10.2	4.1	328.9	329.9	0.3	7.7	6.9	57.
23.7	63.7	7151.6	425.0	-14.0	-42.7	242.0	12.0	10.5	5.5	331.1	331.9	0.2	6.8	7.9	58.
25.5	66.7	7609.5	400.0	-16.4	-49.2	233.9	12.5	10.1	7.4	333.4	333.8	0.1	3.7	9.2	58.
27.2	72.7	8091.1	375.0	-20.7	-44.2	228.1	16.0	11.9	10.7	336.8	335.5	0.2	9.6	10.6	57.
28.9	76.3	8599.1	350.0	-23.9	-42.7	225.0	23.3	17.6	15.3	338.7	339.2	0.7	43.7	12.6	56.
30.3	80.3	9135.6	325.0	-27.9	-30.6	237.6	22.7	18.8	12.0	338.4	341.7	0.9	76.7	14.9	55.
32.4	84.6	9707.0	300.0	-31.5	-35.1	245.3	19.6	19.3	6.9	341.1	343.2	0.6	63.2	17.0	56.
34.5	89.8	10317.7	275.0	-36.9	-48.4	248.0	23.5	21.3	8.9	341.7	342.4	0.2	30.0	19.8	58.
37.0	93.6	10969.8	250.0	-42.7	96.9	243.3	25.5	24.5	9.8	342.6	969.9	99.9	999.9	23.4	60.
39.8	98.2	11672.0	225.0	-48.2	99.5	244.5	25.8	23.3	11.1	344.7	999.9	99.9	999.9	27.9	60.
42.5	104.0	12432.1	200.0	-57.9	99.5	253.3	26.7	25.4	6.7	347.6	999.9	99.9	999.9	32.3	62.
45.2	110.0	13282.6	175.0	-60.7	99.9	353.3	21.1	20.2	6.1	349.8	999.9	99.9	999.9	36.0	63.
47.0	116.3	14229.9	150.0	-65.9	99.9	227.7	19.2	14.2	12.9	350.5	999.9	99.9	999.9	40.3	63.
50.0	123.7	15222.6	125.0	-69.2	99.5	240.5	13.1	11.4	6.5	358.5	999.9	99.9	999.9	44.2	62.
53.5	131.7	16433.7	100.0	-70.4	99.9	999.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	999.9
56.9	99.9	66.9	75.0	99.9	99.5	66.9	99.9	99.5	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	66.9	50.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

25 JUNE 1977  
0 GMT

122 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	781.0	924.5	30.0	17.1	120.0	3.7	-3.2	1.8	310.0	347.3	13.4	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	14.4	1020.3	900.0	27.2	15.4	999.9	99.9	99.9	99.9	309.5	346.0	13.2	51.2	999.9	999.
1.5	16.5	1269.3	875.0	25.2	15.4	999.9	99.9	99.9	99.9	310.0	345.2	12.7	54.5	999.9	999.
2.4	18.7	1523.7	850.0	23.4	14.4	110.5	4.3	-4.1	1.5	310.7	345.1	12.3	57.1	0.8	286.
3.2	20.9	1783.7	825.0	20.6	13.6	154.6	4.1	-2.6	5.5	310.4	344.0	12.0	64.3	1.0	290.
4.1	23.3	2040.3	800.0	18.1	13.2	164.5	7.2	-1.9	6.9	310.5	344.7	12.3	74.2	1.3	306.
5.2	25.7	2321.3	775.0	16.0	13.2	165.0	7.0	-1.7	6.8	311.1	345.8	12.4	83.1	1.7	314.
6.1	28.1	2590.7	750.0	13.5	11.2	194.0	6.6	1.6	6.4	311.2	342.8	11.2	86.1	2.0	322.
7.1	30.5	2855.2	725.0	11.9	6.6	217.7	5.1	3.1	4.1	312.5	336.8	8.5	70.1	2.2	331.
8.2	33.2	3179.6	700.0	10.4	1.4	237.6	2.5	2.0	1.5	314.0	331.8	6.1	53.7	2.3	337.
9.3	35.7	3490.6	675.0	8.4	-2.4	258.3	3.4	2.3	-2.5	315.0	329.3	4.8	46.4	2.2	339.
10.5	39.3	3751.4	650.0	5.9	-3.0	313.9	7.2	5.2	-5.0	315.6	329.8	4.7	53.1	1.8	344.
11.8	40.9	4111.4	625.0	3.9	-6.4	255.5	6.5	5.9	-2.8	316.9	328.4	3.8	46.9	1.4	358.
13.0	43.9	4441.6	600.0	1.0	-5.0	274.7	7.8	7.9	-0.6	317.3	329.8	4.1	55.6	1.3	16.
14.1	46.7	4732.9	575.0	-1.4	-4.2	269.9	11.6	11.6	0.0	318.4	333.1	4.9	61.1	1.6	39.
15.3	49.8	5136.5	550.0	-3.2	-7.2	267.2	13.7	13.7	0.7	320.4	332.9	4.1	73.9	2.4	57.
16.6	52.6	5504.8	525.0	-3.6	-27.1	261.0	13.0	12.8	2.0	324.2	326.9	0.8	14.1	3.3	66.
19.0	55.7	5888.8	500.0	-5.4	-35.5	257.8	12.7	12.4	2.7	326.5	327.5	0.3	5.4	4.4	68.
19.5	59.0	6280.1	475.0	-7.5	-42.6	250.7	8.9	8.4	2.9	329.6	329.3	0.2	4.0	5.4	70.
21.1	62.3	6707.5	450.0	-10.4	-44.6	245.4	13.6	12.3	5.5	330.0	320.6	0.2	4.1	6.2	70.
22.3	65.6	7145.0	425.0	-13.6	-31.2	243.0	15.3	13.7	7.0	331.5	333.9	0.7	20.9	7.5	69.
23.9	69.1	7602.5	400.0	-17.4	-27.5	235.0	19.9	15.7	10.6	332.4	335.9	1.0	41.1	8.9	68.
25.4	72.9	8083.5	375.0	-20.6	-22.4	227.3	25.9	19.0	17.6	334.4	340.1	1.7	55.1	11.0	64.
27.2	76.7	8591.4	350.0	-24.0	-28.7	231.9	20.9	16.5	12.9	336.4	340.1	1.0	66.8	13.5	61.
29.9	80.7	9129.4	325.0	-27.7	-39.1	233.9	28.2	22.8	16.6	339.6	340.1	0.4	33.9	16.3	60.
30.8	85.0	9690.4	300.0	-31.4	-37.2	240.2	32.0	27.7	15.9	341.2	343.1	0.5	56.1	19.1	60.
32.7	89.4	10270.6	275.0	-35.9	-40.5	241.7	33.5	29.5	15.8	343.3	344.8	0.4	62.3	22.8	60.
34.8	94.2	10945.2	250.0	-40.5	99.9	245.4	24.8	24.4	11.2	345.7	999.9	99.9	999.9	26.8	60.
37.1	99.3	11674.0	225.0	-46.3	99.9	244.1	27.1	33.3	16.2	347.6	999.9	99.9	999.9	31.3	61.
39.6	104.9	12446.9	200.0	-51.7	99.9	249.1	22.7	21.2	5.1	350.9	999.9	99.9	999.9	36.8	62.
42.3	110.5	13301.9	175.0	-57.3	99.9	243.3	32.6	29.1	14.6	355.3	999.9	99.9	999.9	38.3	62.
45.3	117.0	14262.2	150.0	-63.4	99.9	233.5	39.6	31.8	23.6	360.5	999.9	99.9	999.9	42.9	61.
48.6	124.7	15367.6	125.0	-68.7	99.9	245.7	8.6	7.8	3.6	370.5	999.9	99.9	999.9	47.4	61.
53.4	133.0	16708.5	100.0	-66.2	99.9	999.9	99.9	99.9	99.9	399.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

25 JUNE 1977  
300 GMT

113 100. 0

TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	873.0	915.7	22.2	17.1	50.0	5.8	-5.2	-4.4	302.9	335.4	13.6	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	95.6	67.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	12.7	1024.1	900.0	24.6*	10.8	67.4	6.1	-5.6	-2.3	305.9	999.9	99.9	995.9	0.2	239.
1.5	14.7	1271.1	875.0	23.9	10.8	99.3	3.8	-3.8	0.6	308.7	335.0	9.4	43.7	0.4	249.
2.1	16.5	1524.7	850.0	23.5	9.5	131.3	5.0	-3.7	3.3	310.8	335.9	8.9	41.0	0.5	261.
3.2	18.6	1784.4	825.0	21.4	7.7	153.2	5.3	-2.4	4.7	311.2	334.1	8.0	41.2	0.7	284.
4.0	20.6	2050.2	800.0	19.1	5.9	155.5	4.6	-1.9	4.3	311.5	332.5	7.3	41.9	0.9	258.
5.0	22.7	2321.9	775.0	16.4	5.3	164.4	5.3	-1.4	5.1	311.5	332.4	7.3	47.7	1.2	308.
6.1	25.0	2403.2	750.0	14.3	4.9	173.9	5.8	-0.9	5.8	312.1	333.0	7.3	53.2	1.5	317.
7.1	27.1	2495.0	725.0	12.5	3.3	222.0	7.5	5.9	4.6	313.1	332.7	5.7	53.6	1.7	327.
8.0	29.4	3150.0	700.0	10.4	2.0	256.3	9.7	9.4	2.3	314.0	332.7	6.4	56.1	1.7	344.
9.9	31.9	3481.8	675.0	7.6	1.6	275.2	10.6	10.5	-1.0	314.2	332.9	6.4	55.4	1.7	35.
9.7	34.1	3791.7	650.0	4.9	1.4	286.2	10.4	10.0	-2.9	314.6	333.7	6.6	77.9	1.7	24.
10.8	36.4	4110.2	625.0	2.1	1.0	283.6	9.7	9.2	-3.1	314.8	334.2	6.5	92.7	1.8	45.
11.0	39.0	4430.5	600.0	-0.2	-0.7	279.3	9.7	9.6	-1.6	315.9	333.8	6.1	96.6	2.2	59.
12.9	41.4	4750.0	575.0	-1.9	-2.4	270.8	10.1	10.1	-0.1	317.7	334.5	5.6	96.6	2.6	66.
13.7	44.1	5172.7	550.0	-4.1	-4.6	265.3	12.1	12.1	1.0	319.2	334.3	5.0	96.6	3.2	73.
14.9	46.9	5493.9	525.0	-7.7	-11.8	262.0	13.9	13.6	1.9	317.2	328.5	3.0	71.5	4.1	73.
15.3	49.8	5815.4	500.0	-10.6	-15.6	252.9	13.3	13.2	4.1	320.1	320.3	0.1	1.7	5.3	74.
17.9	52.6	6270.5	475.0	-13.0	-20.6	251.2	13.0	12.3	4.0	325.6	328.0	0.7	18.3	6.6	73.
19.4	55.5	6696.5	450.0	-11.1	-15.9	255.5	13.0	12.5	3.3	329.4	329.5	0.0	1.0	7.7	73.
20.9	58.7	7129.6	425.0	-14.6	-40.2	241.4	11.5	10.9	3.7	330.2	331.2	0.3	9.3	8.7	74.
22.4	62.0	7573.5	400.0	-16.7	-60.5	249.5	13.3	12.5	4.6	333.3	333.4	0.0	1.0	9.9	73.
24.0	65.4	8061.7	375.0	-20.1	-52.7	252.5	13.4	12.8	4.0	334.9	335.0	0.0	1.0	11.3	73.
25.0	69.0	8559.2	350.0	-24.6	-63.2	252.1	12.9	12.2	3.5	335.6	335.7	0.0	1.2	12.8	73.
28.0	77.7	9103.6	325.0	-28.6	-64.2	247.3	15.0	14.7	6.2	337.3	337.4	0.0	1.9	14.4	73.
30.1	76.7	9671.0	300.0	-32.0	-55.0	238.4	20.2	17.2	10.6	340.3	340.6	0.1	7.4	16.6	71.
32.6	80.9	10292.0	275.0	-36.6	-58.0	246.7	23.5	21.5	9.3	342.2	342.4	0.1	8.8	19.7	70.
35.4	85.3	10935.4	250.0	-42.0	-65.6	239.5	24.5	21.1	12.4	343.7	999.9	99.9	995.9	23.8	68.
38.1	90.0	11637.2	225.0	-48.8	-69.9	238.1	24.3	21.0	13.1	343.7	999.9	99.9	999.9	27.8	67.
40.9	95.3	12404.5	200.0	-57.7	-69.9	244.8	29.2	25.5	12.0	347.7	999.9	99.9	995.9	32.2	66.
44.0	100.8	13250.3	175.0	-55.8	-65.6	249.6	24.8	23.2	8.7	351.2	999.9	99.9	995.9	37.4	66.
47.4	107.3	14200.2	150.0	-65.2	-65.6	235.5	17.9	14.7	10.1	357.9	999.9	99.9	999.9	41.2	56.
51.6	114.7	15255.3	125.0	-71.3	-69.6	239.2	11.1	9.5	5.9	356.0	999.9	99.9	995.9	45.1	65.
56.0	123.0	16417.6	100.0	-70.0	-73.9	659.9	99.9	99.9	99.9	392.5	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	73.9	65.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	59.5	59.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
PCST, TEXAS

25 JUNE 1977  
300 GMT

123 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	12.9	771.0	929.5	25.2	21.9	0.0	0.0	0.0	0.0	304.8	353.4	18.2	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	13.2	904.3	925.0	23.9	19.2	999.9	99.9	99.9	99.9	303.8	342.6	14.4	70.2	999.9	999.9
1.0	15.5	1044.8	900.0	23.9	17.1	999.9	99.9	99.9	99.9	306.2	343.9	13.8	65.7	999.9	999.9
2.0	17.7	1291.0	875.0	21.6	15.6	168.1	4.8	-1.0	4.7	305.2	341.5	12.9	68.8	0.6	340.
3.0	20.1	1542.5	850.0	20.0	15.0	174.8	6.9	-0.6	6.9	307.1	342.1	12.7	72.9	1.0	345.
4.2	22.4	1799.9	825.0	17.2	14.7	182.2	7.3	0.3	7.2	306.8	342.1	12.9	65.4	1.4	349.
5.2	24.9	2052.6	800.0	15.3	14.0	189.1	7.3	1.2	7.2	307.5	342.5	12.7	61.8	1.9	353.
6.3	27.2	2332.2	775.0	13.2	12.3	209.8	7.3	3.6	6.3	308.1	340.5	11.7	64.0	2.3	358.
7.4	29.9	2408.1	750.0	11.4	9.9	227.1	9.3	6.8	6.3	309.0	337.8	10.3	90.4	2.8	6.
8.6	32.5	2491.6	725.0	9.2	7.1	230.2	9.2	7.0	5.9	309.6	334.4	8.8	86.3	3.3	14.
9.4	35.2	2182.2	700.0	7.3	4.1	241.9	7.2	6.4	3.4	310.5	331.7	7.4	80.6	3.8	20.
11.2	37.8	2480.6	675.0	4.0	3.6	250.1	3.4	3.2	1.1	310.1	331.2	7.4	97.2	4.1	25.
12.4	40.5	2787.1	650.0	1.6	-1.4	270.5	2.0	2.0	-0.0	310.8	326.5	5.4	80.4	4.2	27.
13.9	43.3	4101.8	625.0	-1.2	-2.3	209.0	2.8	1.4	2.5	311.1	326.3	5.2	92.2	4.3	29.
14.9	46.3	4425.8	600.0	-3.3	-6.5	193.0	1.7	0.4	1.6	312.3	324.3	4.0	79.8	4.5	27.
16.0	49.3	4763.5	575.0	-3.8	-12.2	240.2	2.1	1.8	1.0	315.6	323.6	2.6	61.8	4.5	28.
16.9	52.1	5117.7	550.0	-6.4	-11.1	235.6	4.8	3.4	3.4	316.5	325.7	3.0	69.2	4.7	29.
17.9	55.1	4475.4	525.0	-8.9	-10.4	220.8	7.0	4.6	5.3	317.8	328.0	3.3	88.7	5.1	30.
19.1	58.1	5552.3	500.0	-11.3	-12.0	225.1	8.1	5.7	5.7	319.2	328.8	3.1	64.8	5.6	31.
20.6	61.6	4265.8	475.0	-12.3	-13.2	233.2	10.3	8.3	6.2	322.6	331.8	2.9	63.8	6.3	34.
21.9	65.0	4457.5	450.0	-14.5	-15.6	227.5	15.0	11.1	10.1	325.0	333.1	2.5	61.8	7.3	35.
23.1	68.4	7080.7	425.0	-17.0	-18.2	232.9	15.7	10.7	11.5	327.2	334.2	2.1	60.3	8.4	38.
24.4	71.9	7542.7	400.0	-19.8	-21.4	200.6	15.6	7.7	13.5	329.2	335.0	1.7	87.0	9.7	37.
27.3	75.7	8019.6	375.0	-21.9	-24.1	236.6	14.8	10.7	10.1	332.6	337.5	1.4	82.1	12.2	37.
29.3	79.7	8523.8	350.0	-25.7	-28.5	229.2	16.6	12.6	10.9	334.1	337.7	1.0	77.1	14.0	38.
30.8	81.7	9058.2	325.0	-28.7	-32.0	225.8	22.7	16.5	15.8	337.1	339.9	0.8	73.0	15.9	39.
32.5	87.8	9627.5	300.0	-32.5	-36.4	227.8	25.3	18.7	17.0	339.6	341.6	0.6	68.1	18.1	40.
34.2	92.4	10235.2	275.0	-37.3	-41.5	236.1	23.2	19.3	13.0	341.3	342.6	0.4	64.2	20.8	42.
35.9	97.2	10886.3	250.0	-42.5	99.9	236.0	39.6	32.8	22.2	342.7	999.9	99.9	99.9	25.6	44.
38.8	102.2	11599.5	225.0	-48.7	99.9	238.4	39.8	33.9	20.8	343.8	999.9	99.9	999.9	30.0	46.
41.9	107.8	12300.0	200.0	-55.7	99.9	233.5	38.9	31.3	23.2	344.5	999.9	99.9	999.9	37.7	49.
44.4	113.5	13193.3	175.0	-60.5	99.6	237.7	24.5	20.7	13.1	350.1	999.9	99.9	99.9	43.0	45.
47.9	120.0	14131.8	150.0	-64.7	99.9	263.4	13.5	13.4	1.5	358.7	999.9	99.9	999.9	46.0	51.
52.1	127.0	15231.8	125.0	-71.8	99.9	241.9	9.4	8.3	4.4	365.1	999.9	99.9	99.9	48.1	52.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

25 JUNE 1977  
250 GMT

125 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	585.0	945.2	25.2	21.5	150.0	1.0	-0.5	3.9	303.1	349.4	17.4	80.0	0.0	0.
99.9	99.9	96.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	555.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	12.4	785.5	925.0	26.3	26.0	185.0	8.2	0.7	8.2	305.3	350.1	16.2	68.3	0.2	336.
1.6	14.8	1027.5	900.0	24.9	19.6	199.4	10.1	3.3	9.5	307.2	348.6	15.2	67.8	0.7	1.
2.5	17.0	1274.5	875.0	22.7	17.3	201.4	11.1	4.1	10.4	307.4	346.9	14.4	71.7	1.3	12.
3.5	19.5	1577.0	850.0	20.3	15.3	201.9	11.1	4.1	10.3	307.4	345.5	13.4	77.7	1.9	14.
4.5	21.3	1794.7	825.0	17.2	13.2	209.7	10.5	5.4	5.4	307.8	344.5	13.4	83.1	2.5	17.
5.5	24.2	2049.3	800.0	15.1	11.7	214.2	9.4	5.3	7.8	307.4	344.9	13.3	91.0	3.1	20.
6.4	26.6	2314.3	775.0	14.1	10.7	225.2	6.9	4.8	4.8	309.0	342.4	12.0	91.0	3.6	22.
7.4	29.2	2595.1	750.0	12.4	10.5	233.4	6.1	4.9	3.6	310.1	340.2	10.8	88.1	3.9	25.
8.4	31.9	2879.2	725.0	10.3	8.9	242.6	3.7	3.2	1.7	310.7	338.7	9.9	90.6	4.2	27.
9.5	34.7	3171.1	700.0	8.9*	99.9	240.5	2.4	2.3	1.3	312.3	336.9	99.9	999.9	4.4	28.
10.6	37.2	3471.1	675.0	7.5	-2.1	330.7	2.1	1.2	-2.1	314.1	328.5	4.9	50.2	4.3	31.
11.7	40.1	3781.1	650.0	5.4	-3.4	292.8	1.9	1.2	-0.9	315.0	328.7	4.6	53.1	4.3	31.
12.9	42.9	4100.6	625.0	2.9	-2.4	275.4	4.0	3.9	-0.4	315.7	331.1	5.2	68.7	4.3	35.
14.2	45.9	4430.2	600.0	0.3	-3.5	249.2	5.3	5.4	2.2	316.5	330.9	4.8	73.1	4.7	37.
15.4	49.0	4770.1	575.0	-2.3	-11.5	273.1	7.3	7.3	-0.4	317.4	326.0	2.8	49.0	5.0	40.
16.7	51.6	5121.5	550.0	-2.7	-11.6	249.1	8.1	7.8	2.9	320.9	329.9	2.9	50.2	5.5	48.
18.1	54.9	5491.2	525.0	-4.5	-13.9	243.2	9.1	9.1	4.1	323.1	331.7	2.7	51.6	6.2	48.
19.5	59.0	5874.2	500.0	-6.9	-15.4	240.7	9.1	7.1	4.0	324.8	332.9	2.5	54.2	6.9	49.
20.9	61.4	6271.1	475.0	-2.3	-15.6	232.5	8.2	6.5	5.0	326.3	333.6	2.2	55.4	7.5	50.
22.5	64.9	6689.8	450.0	-11.3	-17.6	235.5	13.2	11.3	7.8	329.4	335.4	2.1	61.8	8.6	50.
24.1	68.1	7124.2	425.0	-15.1	-19.3	237.7	15.2	12.5	8.1	329.6	336.1	1.9	65.9	10.0	51.
25.9	71.7	7579.1	400.0	-19.2	-20.2	239.0	17.0	14.6	5.3	329.6	333.1	0.9	41.5	11.7	52.
27.6	75.6	8057.5	375.0	-21.7	-32.6	239.9	18.4	15.7	9.5	333.4	335.7	0.7	35.3	13.6	53.
29.4	79.5	8567.3	350.0	-24.1	-40.5	244.5	20.5	18.3	8.2	336.3	339.2	0.4	23.0	15.7	54.
31.6	83.7	9100.4	325.0	-27.7	-45.6	249.4	22.5	20.9	3.3	339.5	339.2	0.2	15.1	18.5	57.
34.0	87.6	9470.2	300.0	-33.2	-53.6	256.0	21.4	20.8	5.2	339.9	340.1	0.0	4.8	21.4	59.
36.3	92.2	10772.6	275.0	-37.1	-73.6	257.1	27.1	26.4	6.0	341.5	341.5	0.0	1.4	23.7	61.
39.9	96.9	10970.1	250.0	-42.5	99.9	251.4	27.5	26.4	9.9	343.0	343.0	99.9	999.9	28.7	63.
41.9	101.9	11673.0	225.0	-49.1	95.5	247.4	29.0	26.7	11.1	344.7	344.7	99.9	999.9	33.6	64.
44.5	107.7	12709.7	200.0	-54.0	99.9	249.5	25.9	24.1	9.5	347.3	347.3	99.9	999.9	37.8	64.
47.7	113.0	13242.6	175.0	-60.4	99.9	257.3	22.1	21.5	4.8	350.2	349.9	99.9	999.9	42.2	65.
51.1	119.2	14188.2	150.0	-64.5	99.9	259.2	17.2	14.7	3.8	355.4	355.4	99.9	999.9	45.9	66.
55.5	125.7	15274.4	125.0	-71.7	99.9	999.9	99.9	99.9	99.9	366.0	366.0	99.9	999.9	999.9	999.9
60.5	133.7	16597.2	100.0	-72.8	99.9	599.9	99.9	99.9	99.9	387.1	387.1	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 13 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 550  
BIG SPRING, TEXAS

25 JUNE 1977  
300 GMT

120 110. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM ANGLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	DRES MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	781.0	527.0	18.1	15.2	60.0	3.1	-2.7	-1.5	297.6	328.9	11.8	83.0	0.0	0.
99.9	99.9	90.9	1000.0	59.9	97.9	97.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.4	709.7	925.0	18.6	14.2	599.9	99.9	99.9	99.9	292.3	328.0	11.2	76.9	999.9	992.0
0.8	14.7	1037.4	500.0	22.7	11.5	900.9	99.9	99.9	99.9	308.9	331.2	9.5	45.0	999.9	999.9
1.8	15.9	1292.7	875.0	22.0	10.4	999.9	99.9	99.9	99.9	305.7	332.0	9.1	47.5	999.9	999.9
2.8	19.1	1539.6	850.0	20.0	12.7	231.6	0.5	0.4	0.4	307.1	337.4	11.0	62.9	0.0	295.0
3.9	21.3	1793.6	825.0	17.2	10.9	191.2	3.7	0.7	3.6	305.8	334.5	10.0	66.2	0.1	342.0
4.9	23.9	2053.9	800.0	17.2	5.3	217.7	12.1	7.4	9.6	307.4	325.5	7.0	45.4	0.5	14.0
5.8	25.1	2125.2	775.0	15.9	5.0	248.9	15.1	15.0	5.8	312.0	332.5	7.1	45.3	1.4	46.0
7.0	29.1	2604.4	750.0	15.2	3.9	237.8	10.2	8.7	5.4	313.0	332.7	6.8	46.9	2.1	52.0
7.9	31.0	2800.4	725.0	12.6	2.8	238.0	13.2	11.2	7.0	313.2	332.1	6.5	51.2	2.8	53.0
9.1	33.5	3184.1	700.0	10.2	2.2	236.8	13.1	10.9	7.2	313.8	332.6	6.4	57.3	3.8	54.0
11.3	36.1	3495.3	675.0	7.0	0.4	240.1	14.9	12.9	7.4	313.4	330.6	5.9	63.1	5.7	56.0
13.5	38.8	3764.5	650.0	4.6	0.6	239.9	11.3	9.5	5.7	315.2	332.3	6.2	75.1	7.4	57.0
14.5	41.4	4114.0	625.0	2.4	0.4	239.1	11.3	9.7	5.8	315.2	333.8	6.3	86.5	8.1	57.0
15.7	44.3	4443.4	600.0	0.4	-1.6	232.1	12.5	9.9	7.7	315.6	333.7	5.7	86.9	8.9	57.0
16.9	47.3	4784.6	575.0	-1.3	-2.8	221.0	15.1	9.9	11.4	313.5	334.7	5.4	89.4	9.9	56.0
19.0	50.7	5179.4	550.0	-3.0	-4.0	215.9	13.9	8.3	11.1	320.5	336.2	5.2	92.8	10.9	54.0
19.9	53.3	5507.1	525.0	-3.1	-7.7	244.5	11.2	10.1	4.8	325.7	337.5	4.1	70.2	12.3	53.0
21.9	56.7	5852.1	500.0	-5.6	-10.2	262.2	10.4	10.5	1.4	328.3	337.0	3.4	66.7	13.4	55.0
23.4	59.6	6253.1	475.0	-3.4	-12.0	270.3	11.4	11.6	-0.1	327.6	337.9	3.2	74.9	14.2	57.0
24.8	63.0	6710.7	450.0	-11.5	-13.3	253.9	16.5	15.9	4.6	328.8	338.7	3.1	86.8	15.3	59.0
25.8	66.4	7147.8	425.0	-13.8	-15.0	244.3	17.4	15.9	7.6	331.2	340.4	2.8	91.0	16.3	60.0
26.9	70.1	7606.7	400.0	-16.5	-17.7	234.5	15.5	13.2	9.1	333.6	341.5	2.4	89.9	17.5	60.0
28.2	73.8	8026.9	375.0	-19.4	-20.9	231.5	13.7	11.2	8.9	335.9	342.5	1.9	88.1	18.6	60.0
30.1	77.9	8500.6	350.0	-23.5	-25.2	231.9	12.1	5.9	10.6	337.1	341.8	1.3	80.8	20.0	58.0
32.7	81.7	8939.7	325.0	-27.2	-33.4	241.1	17.6	15.7	8.7	339.2	341.6	0.7	53.3	22.6	57.0
35.5	85.9	9709.0	300.0	-32.3	-43.7	245.9	21.7	19.8	8.9	339.9	340.9	0.3	30.9	25.2	58.0
37.7	90.6	10316.1	275.0	-37.1	-53.2	256.7	26.5	25.9	6.1	341.5	341.9	0.1	16.8	28.1	59.0
40.0	95.5	10663.1	250.0	-42.3	-59.9	249.0	23.1	21.6	9.3	343.2	341.9	55.9	955.9	32.0	61.0
42.6	100.4	11671.9	225.0	-47.7	99.9	249.3	13.1	12.2	4.6	345.4	341.9	99.9	999.9	34.7	62.0
45.2	105.0	12419.5	200.0	-53.9	99.9	233.1	7.6	6.1	4.6	347.4	341.9	99.9	999.9	36.2	62.0
48.7	112.0	13293.6	175.0	-59.7	99.9	229.0	20.9	15.5	13.9	351.4	341.9	99.9	999.9	38.4	61.0
52.0	118.8	14215.5	150.0	-64.6	99.9	237.2	20.5	17.2	11.1	358.8	341.9	99.9	999.9	42.6	61.0
55.3	125.3	15341.6	125.0	-66.1	99.9	99.9	99.9	99.9	99.9	375.3	341.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

25 JUNE 1977  
500 GMT

117 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ CG
0.0	12.7	873.0	917.7	20.0	15.6	150.0	5.3	-2.6	4.6	300.4	333.3	12.3	76.0	0.0	0.
99.9	99.9	99.9	1003.0	69.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	14.3	1031.6	903.0	20.0	14.2	75.9	9.0	-7.8	-1.9	302.1	332.9	11.4	69.3	0.3	273.
1.5	16.2	1285.9	875.0	22.2	11.8	35.2	6.1	-6.1	-0.5	305.9	334.6	10.0	51.8	0.6	261.
2.4	19.5	1537.4	850.0	20.1	12.1	122.0	5.1	-4.4	2.7	307.2	336.4	10.5	55.8	0.9	270.
3.3	20.6	1794.6	825.0	17.3	12.8	146.2	7.0	-2.9	5.8	307.4	340.8	12.2	77.8	1.2	281.
4.3	22.8	2058.0	800.0	15.1	15.3	162.5	7.6	-2.3	7.2	308.4	346.5	13.9	55.0	1.5	295.
5.4	25.2	2322.7	775.0	15.5	12.1	178.9	6.2	-0.1	6.2	310.5	342.9	11.6	50.2	1.9	307.
6.4	27.4	2607.4	750.0	15.2	6.5	200.7	5.0	1.7	4.7	313.1	336.7	8.2	56.2	2.0	315.
7.3	29.0	2894.0	725.0	13.1	2.4	226.2	6.3	4.5	4.4	313.9	332.3	6.3	48.1	2.0	323.
8.3	32.5	3183.8	700.0	11.2	1.5	248.4	9.1	5.9	4.2	314.9	333.0	6.1	51.3	2.1	337.
9.4	35.0	3491.1	675.0	8.2	1.9	265.7	9.0	9.7	2.2	315.4	334.0	6.5	64.6	2.2	351.
10.4	37.4	3822.0	650.0	5.6	1.5	275.4	9.5	9.4	-0.9	315.2	334.6	6.6	75.3	2.2	366.
11.5	40.1	4121.9	625.0	3.2	-1.0	280.2	11.9	11.2	-0.1	316.1	333.1	5.7	73.8	2.2	384.
12.6	42.7	4451.7	600.0	0.4	-4.1	285.5	14.7	13.8	-3.6	316.5	330.7	4.7	71.7	2.5	438.
14.1	45.4	4792.2	575.0	-2.1	-7.2	292.7	13.0	13.0	-3.0	317.5	329.4	3.9	68.1	3.2	63.
15.4	48.4	5147.6	550.0	-5.2	-10.7	292.7	11.1	10.9	-2.4	317.0	327.4	3.1	65.6	4.1	73.
16.7	51.1	5502.1	525.0	-8.5	-16.5	292.9	11.5	11.2	-2.6	320.6	327.0	2.0	45.0	4.8	77.
18.0	54.3	5866.0	500.0	-8.3	-21.7	275.9	12.1	12.1	-1.3	322.4	326.8	1.3	34.3	5.7	82.
19.5	57.1	6284.8	475.0	-9.2	-45.4	254.9	11.0	10.6	2.9	325.6	327.1	0.1	3.4	6.7	83.
21.1	60.4	6701.1	450.0	-11.5	-45.1	243.9	14.6	13.9	5.4	328.7	329.3	0.1	4.3	7.9	80.
22.6	63.0	7116.3	425.0	-14.9	-77.1	232.5	16.4	15.6	4.9	329.9	330.3	0.1	4.4	9.4	79.
24.3	67.1	7537.8	400.0	-17.9	-33.4	245.9	15.5	15.4	6.5	331.8	333.5	0.5	15.7	11.0	78.
26.0	70.5	8072.0	375.0	-20.7	-42.9	239.5	14.4	13.3	7.5	334.2	335.1	0.2	12.0	12.5	75.
27.9	74.3	8616.9	350.0	-25.0	-50.3	240.0	15.6	13.5	7.8	335.1	335.5	0.1	7.4	14.1	74.
29.9	79.3	9171.9	325.0	-28.4	-56.6	244.2	19.5	17.5	8.5	337.6	338.0	0.1	9.7	16.0	72.
31.9	82.1	9842.2	300.0	-32.6	-53.7	249.3	24.1	22.5	3.5	339.4	339.8	0.1	10.1	18.7	71.
34.3	86.5	10500.4	275.0	-37.6	-55.1	249.9	25.6	23.9	9.2	340.8	341.1	0.1	13.9	22.5	71.
35.7	91.2	10950.0	250.0	-43.4	99.0	230.0	30.3	26.0	15.6	341.6	339.9	99.9	999.9	26.4	70.
39.3	94.0	11640.2	225.0	-50.0	99.9	141.2	29.7	26.0	14.3	343.4	339.9	99.9	999.9	31.0	68.
42.2	101.0	12404.2	200.0	-54.5	94.9	232.7	31.1	26.9	15.7	346.4	339.9	99.9	999.9	36.4	67.
45.4	107.0	13247.5	175.0	-60.3	99.9	232.4	25.9	23.8	12.4	350.5	335.5	99.9	999.9	41.7	67.
49.5	113.3	14194.2	150.0	-65.2	93.9	233.0	24.8	19.8	14.9	357.8	339.9	99.9	999.9	48.3	65.
53.8	120.3	15237.8	125.0	-69.2	99.9	242.3	17.0	15.1	7.9	371.6	339.9	99.9	999.9	53.8	65.
59.7	128.0	16671.7	100.0	-70.3	99.5	99.9	99.9	99.9	99.9	331.8	339.9	99.9	999.9	999.9	999.9
93.7	99.0	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

25 JUNE 1977  
600 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	771.0	920.2	19.1	18.8	180.0	1.1	0.0	1.1	298.5	337.6	14.9	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	14.1	800.0	925.0	18.8*	99.9	99.9	99.9	99.9	99.9	298.5	337.6	99.9	999.9	999.9	999.
1.1	16.2	1043.0	900.0	17.9*	99.9	999.9	99.9	99.9	99.9	299.9	337.6	99.9	999.9	999.9	999.
2.0	18.6	1297.6	875.0	16.7*	99.9	999.9	99.9	99.9	99.9	301.2	337.6	99.9	999.9	999.9	999.
2.9	20.9	1529.2	850.0	15.7*	99.9	999.9	99.9	99.9	99.9	302.6	337.6	99.9	999.9	999.9	999.
3.9	23.2	1781.2	825.0	14.5*	99.9	999.9	99.9	99.9	99.9	304.0	337.6	99.9	999.9	999.9	999.
4.8	25.6	2040.1	800.0	13.4*	99.9	999.9	99.9	99.9	99.9	305.5	337.6	99.9	999.9	999.9	999.
5.8	28.0	2305.9	775.0	12.3*	99.9	999.9	99.9	99.9	99.9	307.0	337.6	99.9	999.9	999.9	999.
6.6	30.6	2579.9	750.0	11.4*	99.9	280.5	6.9	6.8	-1.3	308.9	337.6	99.9	999.9	1.2	87.
7.6	33.2	2863.0	725.0	10.1	2.7	282.3	8.3	8.1	-2.1	310.5	329.1	6.4	60.2	1.6	91.
8.6	35.7	3154.2	700.0	8.3	2.1	290.5	9.9	9.3	-3.5	311.7	330.2	6.4	64.7	2.2	95.
9.6	38.4	3457.7	675.0	5.0	0.8	296.7	10.9	9.8	-4.9	311.3	328.8	6.0	74.1	2.8	99.
10.8	41.0	3761.0	650.0	3.6	1.2	303.4	12.2	10.2	-6.7	313.0	331.9	6.5	84.4	3.6	104.
11.9	43.8	4078.3	625.0	0.8	-1.9	297.4	14.2	12.6	-6.5	313.4	329.1	5.3	82.2	4.4	108.
12.9	46.7	4405.8	600.0	-0.7	-5.1	289.0	16.4	15.5	-5.3	315.3	328.4	4.4	72.4	5.4	108.
14.2	49.9	4744.5	575.0	-3.4	-6.9	281.8	17.9	17.5	-3.7	315.0	328.0	4.0	77.2	6.7	108.
15.4	52.5	5095.7	550.0	-5.2	-7.3	287.6	16.7	15.9	-5.1	317.9	330.2	4.0	85.1	8.1	107.
16.8	55.5	5460.3	525.0	-6.7	-11.6	286.0	14.3	13.7	-3.9	320.3	329.8	3.0	68.9	9.3	107.
18.3	58.6	5840.7	500.0	-7.8	-23.1	281.0	13.2	12.9	-2.5	323.5	327.5	1.2	28.1	10.5	107.
19.7	61.0	6235.0	475.0	-10.4	-25.7	267.2	12.6	12.6	0.6	325.2	328.7	1.0	28.0	11.5	106.
21.4	65.2	6657.1	450.0	-17.3	-44.9	256.3	14.0	13.6	3.3	327.8	328.4	0.2	4.5	12.8	103.
23.1	68.6	7098.2	425.0	-14.5	-45.1	235.1	14.3	11.7	8.2	330.4	331.0	0.2	6.0	13.9	100.
24.5	71.9	7543.7	400.0	-18.7	-34.6	223.0	14.6	10.0	10.7	330.7	332.5	0.5	23.3	14.8	96.
26.5	75.7	8021.1	375.0	-22.3	-50.2	223.4	16.0	11.0	11.6	332.1	332.5	0.1	5.8	15.9	91.
28.5	79.6	8525.3	350.0	-25.6	-52.1	228.1	19.1	13.5	12.1	334.3	334.6	0.1	6.3	17.5	86.
30.9	83.4	9057.9	325.0	-30.3	-57.5	220.4	17.3	13.1	11.2	335.0	335.3	0.1	8.2	19.4	81.
33.5	87.4	9622.3	300.0	-34.4	-55.8	227.0	18.9	15.8	10.3	337.0	337.2	0.1	9.2	22.1	78.
36.2	91.5	10225.6	275.0	-38.8	-58.9	240.3	25.2	22.1	12.4	339.1	339.3	0.0	9.7	25.2	75.
39.2	95.4	10872.9	250.0	-44.1	99.9	235.2	29.5	24.2	16.8	340.6	999.9	99.9	999.9	30.2	73.
42.6	101.2	11570.8	225.0	-50.1	99.9	238.5	31.1	26.5	16.2	341.8	999.9	99.9	999.9	36.1	70.
45.7	105.5	12330.2	200.0	-55.4	99.9	999.9	99.9	99.9	99.9	345.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

25 JUNE 1977  
544 GMT

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TIME MIN	CNTCT	HEIGHT GCM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GP/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	545.0	549.9	23.1	19.2	3.0	0.0	0.0	0.0	330.7	338.1	14.0	74.0	0.0	0.
09.9	09.9	09.9	1030.0	09.9	09.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	09.9	075.0	09.9	09.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	09.9	550.0	09.9	09.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	12.1	108.1	525.0	23.4	16.0	283.7	5.2	5.1	0.7	303.2	337.0	12.5	63.4	0.2	99.
1.8	14.5	1047.5	500.0	21.9	15.6	285.3	6.8	6.1	2.8	304.0	337.9	12.5	67.5	0.5	82.
2.7	16.9	1291.9	675.0	20.0	14.7	235.2	7.8	6.4	4.5	304.5	339.7	12.9	76.3	0.9	71.
3.9	19.3	1541.8	950.0	18.1	14.7	235.2	7.8	6.4	4.5	305.1	339.2	12.5	80.4	1.5	64.
4.8	21.5	1797.6	925.0	16.2	14.0	253.0	6.3	6.0	1.8	305.8	339.5	12.3	86.8	1.9	64.
5.9	24.1	2058.5	900.0	14.5	12.6	271.3	5.6	5.6	-0.1	306.7	338.6	11.6	88.2	2.2	67.
7.0	26.6	2328.1	775.0	13.2	7.9	299.6	5.1	4.8	-1.7	308.0	332.4	8.7	70.5	2.6	71.
8.2	29.2	2604.2	750.0	12.3	5.6	322.3	4.5	3.8	-2.4	310.0	331.7	7.6	63.4	2.8	76.
9.3	31.9	2884.3	725.0	11.2	1.1	275.5	2.3	2.3	-0.2	311.7	328.5	5.9	49.8	2.9	79.
10.4	34.7	3150.5	700.0	9.2	-2.1	253.7	4.1	4.0	1.2	312.7	326.6	4.7	44.8	3.1	75.
11.5	37.3	3491.3	675.0	7.5	-3.1	259.9	5.1	4.9	1.2	314.0	327.5	4.5	47.1	3.5	78.
12.8	40.2	3790.8	650.0	4.5	-3.2	259.8	6.5	6.4	1.1	314.1	328.0	4.7	57.0	3.9	78.
13.9	42.9	4109.1	625.0	1.9	-3.6	262.4	9.0	8.6	1.4	314.6	325.6	5.1	72.1	4.4	79.
15.1	45.0	4436.9	600.0	-1.2	-3.3	261.0	9.3	8.6	1.4	314.8	325.7	5.0	85.5	5.0	79.
16.4	49.0	4775.6	575.0	-3.4	-4.5	258.7	8.9	8.7	2.1	316.1	329.9	4.6	88.8	5.7	75.
17.7	52.0	5124.4	550.0	-5.2	-7.0	256.7	10.3	10.1	2.4	317.9	330.5	4.1	87.0	6.4	79.
19.0	55.2	5490.7	525.0	-7.8	-9.1	252.5	10.5	10.1	3.2	319.0	330.3	3.7	50.2	7.3	78.
20.5	58.4	5860.0	500.0	-9.8	-10.9	248.6	11.3	10.5	4.1	321.1	331.5	3.3	91.9	8.2	77.
21.9	61.9	6247.2	475.0	-11.9	-29.7	240.7	12.1	11.3	4.2	323.4	326.1	0.8	24.2	9.2	76.
23.2	65.4	6674.4	450.0	-13.9	-19.2	246.3	14.3	13.3	5.7	325.8	321.8	1.8	62.2	10.3	76.
24.8	69.0	7107.3	425.0	-16.0	-55.7	245.3	14.4	13.3	6.1	328.5	329.9	0.1	5.2	11.7	75.
26.6	72.5	7552.3	400.0	-18.3	-61.5	244.8	15.3	14.1	5.2	331.3	331.4	0.0	1.0	13.1	74.
28.4	75.5	8040.6	375.0	-21.8	-63.8	249.7	14.3	13.4	5.0	332.8	332.9	0.0	1.0	14.7	73.
30.4	80.5	8544.4	350.0	-26.1	-66.6	250.3	13.3	13.0	4.7	333.6	333.6	0.0	1.0	16.4	73.
32.6	84.7	9074.9	325.0	-29.4	-68.8	247.2	21.1	19.4	8.2	336.1	336.2	0.0	1.0	18.6	72.
35.0	89.0	9543.6	300.0	-33.3	-71.2	249.9	21.2	19.9	7.3	338.5	336.5	0.0	1.0	21.5	72.
37.4	93.8	10249.3	275.0	-38.5	-74.8	247.9	20.7	19.2	7.8	339.4	339.5	0.0	1.0	24.7	72.
39.9	98.8	10966.7	250.0	-43.9	96.6	251.0	24.3	22.9	7.9	340.8	999.9	99.9	999.9	27.8	71.
42.3	103.4	11554.9	225.0	-50.0	99.9	245.7	24.9	24.2	5.7	341.9	999.9	99.9	999.9	31.7	72.
44.1	109.8	12154.6	200.0	-55.8	99.5	250.4	21.5	20.2	7.2	344.4	999.9	99.9	999.9	37.1	72.
50.3	115.6	13197.5	175.0	-61.5	99.9	250.8	17.5	15.4	6.0	348.4	999.9	99.9	999.9	42.6	72.
54.4	122.3	14174.2	150.0	-67.7	99.9	245.9	17.5	14.9	10.1	353.5	999.9	99.9	999.9	46.6	71.
59.3	129.7	15215.4	125.0	-72.9	99.5	258.2	15.4	14.8	3.9	362.9	999.9	99.9	999.9	51.5	71.
64.7	137.5	16330.1	100.0	-74.0	99.9	99.9	99.9	99.9	99.9	363.5	999.9	99.9	999.9	999.9	999.9
69.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

25 JUNE 1977  
600 GMT

121 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	791.0	927.0	21.0	17.8	50.0	1.0	-0.8	-0.6	300.6	327.9	14.0	82.1	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	11.9	793.7	925.0	21.5*	13.6	99.9	99.9	99.9	99.9	301.3	999.9	99.9	999.9	999.9	999.9
0.7	16.2	1038.7	900.0	23.2	11.5	99.9	99.9	99.9	99.9	305.4	999.9	11.0	55.1	999.9	999.9
1.4	16.2	1294.5	875.0	22.7	9.2	146.6	2.7	-0.6	2.6	310.3	999.9	8.7	41.5	0.9	340.
2.2	18.5	1537.7	850.0	23.0	9.5	174.0	1.5	-0.2	1.5	310.6	999.9	8.5	48.2	0.9	342.
3.1	20.6	1787.0	825.0	20.8	7.2	277.6	1.4	1.2	0.7	310.7	999.9	8.0	48.1	1.0	343.
4.1	22.9	2062.1	800.0	18.4	6.6	284.6	2.3	2.3	-0.6	311.2	999.9	7.9	52.9	1.0	350.
5.0	25.3	2311.6	775.0	15.2	5.7	285.9	3.5	3.5	0.2	311.2	999.9	7.7	55.5	0.9	358.
5.9	27.5	2611.4	750.0	13.5	4.2	285.0	6.7	6.7	0.6	311.7	999.9	7.5	68.9	1.2	30.
5.8	30.1	2896.7	725.0	11.2	2.7	266.9	8.8	8.8	0.5	314.6	999.9	6.9	69.1	1.5	43.
7.8	32.7	3189.4	700.0	8.7	2.0	291.2	11.6	11.4	-2.2	315.6	999.9	6.8	76.2	2.0	58.
8.9	35.3	3491.2	675.0	6.0	0.9	291.8	14.2	13.1	-5.2	315.7	999.9	6.6	82.1	2.6	71.
10.9	40.5	4122.9	625.0	3.7	-0.9	295.8	14.6	12.9	-7.4	317.4	999.9	6.0	86.6	3.4	85.
12.0	43.1	4453.4	600.0	1.1	-4.8	295.2	13.8	12.5	-5.9	318.7	999.9	4.7	75.8	4.4	93.
13.3	46.1	4795.0	575.0	-1.1	-7.6	291.7	12.3	11.5	-4.6	319.5	999.9	3.9	75.0	5.3	97.
14.6	49.1	5148.5	550.0	-3.9	-9.0	291.4	14.0	13.7	-2.8	323.7	999.9	0.9	16.6	6.3	98.
15.8	51.9	5515.1	525.0	-3.9	-9.0	291.4	15.5	15.5	2.0	328.6	999.9	0.0	1.0	7.6	58.
17.3	55.1	5865.3	500.0	-5.4	-9.0	263.1	16.7	16.5	2.0	328.6	999.9	0.0	1.0	8.9	96.
18.7	58.1	6200.1	475.0	-7.6	-9.0	254.1	15.4	14.3	4.2	330.2	999.9	0.0	1.0	10.1	94.
20.0	61.5	6590.0	450.0	-10.3	-9.0	254.1	20.9	19.6	7.4	332.0	999.9	0.0	1.0	11.4	91.
21.4	65.0	7156.6	425.0	-13.7	-9.0	253.0	17.7	16.7	6.1	333.8	999.9	0.2	7.7	13.1	88.
22.9	68.4	7616.1	400.0	-16.3	-9.0	247.2	17.3	15.9	6.7	336.1	999.9	0.0	1.0	14.6	96.
24.4	72.0	8098.4	375.0	-19.3	-9.0	242.1	15.5	13.2	8.2	337.0	999.9	0.1	5.5	16.2	83.
25.2	75.9	8507.1	350.0	-23.5	-9.0	242.1	22.6	20.1	10.7	339.0	999.9	0.0	1.0	18.5	81.
28.1	80.0	9144.6	325.0	-27.3	-9.0	247.5	27.6	25.5	10.6	341.6	999.9	0.0	4.4	20.8	78.
30.0	84.0	9717.0	300.0	-31.1	-9.0	245.2	17.9	16.3	7.5	342.8	999.9	99.9	999.9	28.1	76.
32.0	88.3	10227.4	275.0	-36.1	-9.0	242.7	50.4	47.0	19.3	345.8	999.9	99.9	999.9	31.2	75.
34.3	93.2	10831.7	250.0	-41.9	-9.0	243.0	26.4	23.9	12.2	349.0	999.9	99.9	999.9	35.9	74.
36.6	99.0	11682.7	225.0	-47.5	-9.0	245.6	35.4	33.1	12.3	354.2	999.9	99.9	999.9	44.0	73.
39.5	103.3	12455.2	200.0	-52.9	-9.0	243.7	9.8	6.7	7.2	361.2	999.9	99.9	999.9	49.1	72.
43.0	109.3	13307.0	175.0	-53.0	-9.0	223.7	32.7	29.5	15.9	376.0	999.9	99.9	999.9	53.3	71.
46.6	115.5	14265.8	150.0	-57.1	-9.0	223.7	99.9	99.9	99.9	394.3	999.9	99.9	999.9	999.9	999.9
51.0	122.8	15377.2	125.0	-65.7	-9.0	223.7	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
55.9	131.0	16724.3	100.0	-65.1	-9.0	223.7	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

25 JUNE 1977  
1500 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PST T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	977.0	919.1	24.4	16.9	133.0	3.2	-2.1	2.5	304.9	345.7	15.1	71.0	0.0	0.
09.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	995.9
09.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	995.9
09.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	995.9
09.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	995.9
0.6	14.3	1047.3	600.0	21.8	19.2	999.9	99.9	99.9	99.9	304.0	345.4	15.4	83.1	999.9	999.9
1.5	16.3	1291.9	675.0	19.5	17.7	999.9	99.9	99.9	99.9	304.2	343.9	14.7	82.6	999.9	999.9
2.5	18.6	1542.4	850.0	19.8	17.5	184.6	3.2	-1.9	2.6	305.9	346.7	15.0	92.1	0.3	318.
3.5	20.9	1759.9	925.0	19.6	15.0	219.3	3.3	2.4	2.9	309.3	345.8	13.2	75.1	0.5	329.
4.4	23.0	1945.6	900.0	19.2	12.6	248.9	8.4	7.9	3.0	311.6	344.1	11.6	65.6	0.6	10.
5.3	25.4	2179.6	775.0	17.3	10.0	236.7	9.3	7.6	3.0	312.5	341.0	10.0	62.0	0.9	30.
7.2	27.7	2417.7	750.0	15.2	7.7	230.2	8.5	6.6	5.5	313.1	338.6	8.9	60.8	1.5	38.
7.2	30.2	2604.7	725.0	13.1	6.7	244.0	9.3	8.3	4.1	313.9	338.5	8.9	65.2	1.9	43.
8.3	32.8	3128.9	700.0	10.4	5.4	232.0	9.8	7.7	4.1	314.0	337.4	8.1	71.0	2.5	48.
9.4	35.4	3501.0	675.0	9.0	3.6	240.7	9.3	8.1	4.6	313.6	336.1	7.4	74.0	3.1	50.
10.4	37.9	3811.6	650.0	5.7	1.4	248.4	9.7	9.0	3.2	315.4	334.6	6.6	74.1	3.6	52.
11.5	40.5	4131.5	625.0	2.9	-1.2	232.5	7.3	7.3	1.0	315.6	332.4	5.6	75.3	4.1	55.
12.5	43.7	4460.5	600.0	-0.2	-3.2	269.1	6.5	6.6	0.1	315.9	332.2	5.5	82.3	4.9	58.
13.6	46.2	4800.4	575.0	-2.4	-5.4	261.0	6.7	6.6	0.1	317.1	330.6	4.5	79.9	4.8	61.
14.7	49.1	5157.4	550.0	-4.4	-7.0	252.9	5.7	8.2	1.5	318.8	330.6	3.8	76.3	5.4	62.
15.7	52.0	5517.1	525.0	-7.5	-9.9	252.1	9.5	8.2	2.9	319.5	331.0	3.7	89.7	6.1	64.
17.5	55.1	5992.2	500.0	-9.1	-15.2	252.0	11.4	11.1	3.6	323.1	330.9	2.4	58.5	6.8	65.
18.7	58.1	6202.9	475.0	-10.2	-17.3	252.0	14.3	13.7	3.9	325.3	328.7	0.4	10.7	7.8	66.
20.2	61.4	6707.5	450.0	-12.7	-19.8	250.7	15.9	15.0	5.3	327.3	328.8	0.4	12.3	9.1	67.
21.4	65.0	7130.8	425.0	-15.7	-22.6	247.8	17.0	15.3	6.4	329.0	328.0	0.3	10.8	10.4	67.
22.1	68.5	7597.0	400.0	-17.6	-24.6	251.8	17.9	17.0	5.6	332.1	330.0	0.2	10.1	12.2	67.
23.4	72.0	8076.7	375.0	-20.3	-26.2	247.5	19.4	18.9	4.2	334.0	328.6	0.2	9.1	14.0	69.
24.5	75.0	8549.8	350.0	-22.9	-28.6	246.5	19.1	19.1	4.2	335.4	336.0	0.2	11.1	16.0	70.
25.4	80.1	9114.2	325.0	-25.6	-30.7	253.6	21.4	20.5	6.0	337.2	337.8	0.1	12.4	19.1	70.
30.3	84.7	9466.7	300.0	-32.0	-31.9	253.3	24.5	23.2	8.1	338.9	338.3	0.1	13.0	20.2	71.
32.4	88.7	10202.4	275.0	-38.0	-34.8	252.3	27.5	26.2	8.4	340.2	340.5	0.1	15.0	23.9	71.
34.5	93.4	10941.7	250.0	-43.1	-39.9	249.0	27.1	25.1	10.2	342.0	340.9	99.9	999.9	27.4	71.
37.0	98.4	11644.1	225.0	-48.3	-42.9	251.4	30.3	28.4	9.6	344.5	344.5	99.9	999.9	31.7	71.
39.7	103.3	12409.6	200.0	-54.0	-46.9	248.5	32.3	32.1	8.9	347.2	347.2	99.9	999.9	36.9	71.
42.6	110.3	13257.6	175.0	-58.5	-49.9	253.7	25.4	24.4	7.1	353.4	349.9	99.9	995.5	41.8	71.
45.1	115.4	14215.4	150.0	-63.3	-52.9	249.2	27.1	25.1	10.0	361.0	349.0	99.9	995.9	46.9	71.
52.0	124.7	15727.3	125.0	-67.0	-59.9	244.3	28.3	13.3	5.3	373.7	349.9	99.9	995.9	51.0	70.
59.9	99.7	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	995.5	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	995.5	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

25 JUNE 1977  
1500 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	771.0	970.9	20.5	19.5	0.0	0.0	0.0	0.0	299.7	340.8	15.6	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	15.0	825.0	925.0	20.7	99.9	999.9	99.9	99.9	99.9	300.5	999.9	99.9	999.9	999.9	999.
1.2	17.2	1063.6	900.0	21.4	12.8	999.9	99.9	99.9	99.9	303.6	332.0	10.4	58.0	999.9	999.
2.0	19.9	1307.5	875.0	20.3	12.9	212.4	3.4	1.8	2.8	304.9	334.2	10.7	62.0	0.2	49.
2.9	22.0	1557.9	850.0	19.0	11.0	208.6	4.4	2.1	3.8	306.0	333.1	9.8	59.7	0.4	44.
3.7	24.5	1914.3	825.0	17.3	10.3	193.4	6.9	1.6	6.7	306.9	333.6	9.6	63.2	0.7	32.
4.7	27.1	2077.0	800.0	15.7	8.9	209.2	8.3	4.0	7.2	307.9	333.1	9.0	64.2	1.2	27.
5.7	29.7	2346.6	775.0	14.5	8.1	243.5	5.5	4.9	2.5	309.4	334.3	8.8	65.5	1.5	31.
6.9	32.4	2623.4	750.0	12.5	5.9	260.9	6.1	6.0	1.0	310.2	332.5	7.8	64.1	1.8	40.
7.9	35.2	2907.8	725.0	11.4	5.4	257.8	5.6	5.5	1.2	312.0	334.4	7.8	66.6	2.1	45.
9.0	37.9	3200.6	700.0	9.1	5.2	250.4	7.6	7.1	2.5	312.6	335.5	8.0	76.3	2.5	52.
9.9	40.5	3501.7	675.0	7.2	1.4	247.4	12.4	11.5	4.8	313.9	332.1	6.3	66.2	3.0	52.
10.9	43.4	3811.4	650.0	4.7	-0.2	257.3	13.6	13.3	3.0	314.3	331.4	5.8	70.7	3.9	57.
12.0	46.5	4133.4	625.0	2.4	-0.5	279.9	10.3	10.2	-1.8	315.2	332.8	5.9	60.9	4.5	62.
13.3	49.5	4459.6	600.0	0.1	-2.7	274.8	9.4	9.4	-0.8	316.2	331.8	5.2	61.3	5.1	69.
14.6	52.4	4800.3	575.0	-1.7	-5.4	266.4	11.5	11.5	0.7	318.0	330.5	4.1	70.2	5.8	71.
16.1	55.4	5153.3	550.0	-4.0	-5.6	262.7	14.7	14.8	1.9	319.3	332.3	4.2	62.1	7.1	73.
17.5	58.4	5519.1	525.0	-6.5	-10.0	257.0	14.4	14.0	3.2	320.6	331.2	3.4	76.2	8.3	74.
18.9	61.9	5899.7	500.0	-9.5	-10.0	250.9	16.7	15.8	5.5	322.7	334.0	3.6	85.2	9.6	74.
20.6	65.3	6295.0	475.0	-10.3	-13.2	251.9	15.2	14.5	4.7	325.2	334.5	2.9	75.5	11.3	74.
22.0	68.6	6711.7	450.0	-13.0	-14.7	248.8	15.3	14.3	5.5	326.9	335.7	2.7	86.9	12.5	73.
23.5	72.0	7145.9	425.0	-15.7	-17.3	244.0	15.0	13.5	6.6	328.9	336.5	2.3	87.2	13.9	73.
25.1	75.9	7601.3	400.0	-18.4	-20.4	240.9	16.3	14.3	8.0	331.1	337.4	1.9	84.5	15.3	72.
26.9	79.7	8090.0	375.0	-22.0	-23.5	241.3	16.3	14.3	7.8	332.5	337.7	1.5	67.7	17.1	70.
28.9	83.5	8594.3	350.0	-25.9	-26.5	242.4	19.3	17.1	8.9	333.8	338.1	1.2	64.4	19.1	69.
30.9	87.5	9115.2	325.0	-31.2	-46.1	249.1	22.7	21.2	8.1	333.7	334.4	0.2	21.2	21.8	69.
33.0	91.8	9677.0	300.0	-34.9	-49.7	254.4	23.3	22.5	6.3	336.1	336.6	0.1	20.2	24.6	69.
35.3	95.2	10270.9	275.0	-39.1	-53.2	253.7	29.7	28.5	8.3	333.7	339.0	0.1	20.5	27.9	70.
37.7	100.8	10925.0	250.0	-43.0	99.9	255.4	29.7	28.8	7.3	342.2	999.9	99.9	999.9	32.4	71.
40.3	106.0	11631.4	225.0	-47.3	99.9	256.2	40.6	39.4	9.7	346.0	999.9	99.9	999.9	37.1	71.
43.3	111.3	12402.0	200.0	-52.1	99.9	247.0	20.4	18.8	8.0	350.3	999.9	99.9	999.9	42.3	72.
46.5	117.0	13256.2	175.0	-57.4	99.9	249.7	13.7	17.5	6.5	355.2	999.9	99.9	999.9	46.0	71.
49.8	123.5	14219.0	150.0	-62.3	99.9	246.3	16.2	14.8	6.5	362.7	999.9	99.9	999.9	49.3	71.
53.5	130.5	15332.0	125.0	-67.4	99.9	246.5	14.2	13.0	5.7	372.9	999.9	99.9	999.9	52.0	71.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

25 JUNE 1977  
1451 GMT

133 95. 0

TIME MIN	CNTCT	HEIGHT GRW	PRES MG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	POT T DG K	POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	585.0	949.5	27.8	21.3	200.0	3.6	1.2	3.4	305.5	353.0	305.5	305.5	17.7	70.0	0.0	0.
9.9	99.9	69.6	1000.0	59.9	53.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	55.5	999.9	999.
99.9	999.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	13.3	814.2	975.0	24.0	20.1	206.5	5.8	3.0	5.1	303.9	347.5	303.9	303.9	16.3	78.6	0.4	16.
1.4	15.7	1055.2	900.0	21.8	20.1	209.2	7.0	3.4	6.1	304.0	348.8	304.0	304.0	16.7	89.7	0.7	21.
2.1	18.1	1300.0	875.0	19.6	18.9	214.4	6.4	3.6	5.3	304.1	346.6	304.1	304.1	15.8	94.9	1.0	25.
3.1	20.5	1550.1	850.0	18.0	16.3	218.9	5.1	3.2	4.0	305.0	342.6	305.0	305.0	15.9	89.8	1.3	28.
4.0	23.0	1800.0	825.0	16.6	14.3	223.2	4.8	2.7	3.9	306.1	340.5	306.1	306.1	12.6	84.5	1.6	30.
5.0	25.5	2049.4	800.0	14.7	12.2	228.4	4.3	2.2	4.1	306.9	337.9	306.9	306.9	11.2	84.5	1.9	30.
5.9	28.1	2377.3	775.0	14.0	9.6	230.3	3.3	3.3	3.8	308.8	336.2	308.8	308.8	9.8	74.9	2.1	30.
7.0	30.9	2614.4	750.0	11.2	4.0	240.3	5.2	5.4	3.1	312.0	331.8	312.0	312.0	6.9	50.4	2.4	33.
7.9	33.7	2900.0	725.0	11.5	4.4	248.9	6.5	6.2	2.4	312.2	323.1	312.2	312.2	7.3	61.3	2.8	37.
8.9	36.3	3132.6	700.0	9.4	3.9	248.9	6.5	6.1	2.3	313.9	323.9	313.9	313.9	7.3	68.5	3.1	42.
10.0	39.1	3494.7	675.0	7.2	0.6	235.7	6.1	6.1	3.2	313.8	321.2	313.8	313.8	6.0	62.8	3.5	44.
11.1	41.9	3803.3	650.0	4.7	0.1	251.3	5.9	6.1	0.2	314.3	321.8	314.3	314.3	6.0	72.4	3.9	46.
12.2	44.9	4121.9	625.0	1.4	0.1	257.0	6.1	6.1	0.2	314.1	322.2	314.1	314.1	6.2	90.9	4.3	49.
13.4	48.0	4440.7	600.0	-1.1	-2.7	256.6	6.0	6.0	-0.6	314.8	320.4	314.8	314.8	5.2	88.7	4.5	53.
14.5	50.0	4789.1	575.0	-2.4	-7.3	244.7	6.3	6.2	-0.5	317.1	323.9	317.1	317.1	3.9	65.3	4.9	56.
15.7	54.1	5152.4	550.0	-3.1	-10.2	245.5	6.1	6.1	0.5	315.0	327.9	315.0	315.0	3.2	67.2	5.2	59.
17.1	57.3	5504.6	525.0	-7.4	-15.5	257.9	8.9	8.7	1.9	319.6	326.1	319.6	319.6	2.0	48.7	5.7	60.
18.4	60.3	5844.6	500.0	-7.7	-21.5	253.2	12.9	12.3	3.7	323.7	324.5	323.7	323.7	2.0	5.1	6.6	63.
19.7	64.2	6191.8	475.0	-10.4	-25.1	245.2	13.8	12.7	4.8	325.2	328.7	325.2	325.2	1.0	28.2	7.6	64.
21.1	67.7	6654.0	450.0	-12.5	-24.2	257.0	16.4	16.4	3.8	327.5	329.2	327.5	327.5	0.5	15.3	8.9	65.
22.6	71.1	7126.5	425.0	-11.0	-26.2	255.1	17.9	17.5	3.7	329.3	331.9	329.3	329.3	1.1	41.4	10.4	67.
24.1	74.9	7594.2	400.0	-19.0	-31.2	254.3	14.6	17.9	5.0	321.7	321.8	321.7	321.7	0.0	1.0	12.2	68.
25.8	79.0	8057.6	375.0	-21.2	-33.4	257.4	18.7	17.3	4.0	323.6	323.7	323.6	323.6	0.0	1.0	14.0	69.
27.5	83.0	8540.6	350.0	-24.6	-35.8	255.4	20.7	19.7	5.1	325.4	325.4	325.4	325.4	0.0	1.0	16.0	70.
29.4	87.2	9104.5	325.0	-25.9	-34.2	251.0	22.6	21.4	7.4	326.8	326.8	326.8	326.8	0.0	1.8	18.5	70.
31.4	91.3	9711.9	300.0	-33.4	-30.5	254.2	22.7	21.9	5.2	328.4	328.5	328.4	328.4	0.0	4.4	21.2	71.
33.7	95.4	10275.7	275.0	-38.8	99.9	255.4	21.5	20.8	5.4	329.0	999.9	329.0	329.0	99.9	999.9	24.2	71.
35.2	101.4	10922.0	250.0	-44.5	99.9	254.7	25.8	24.9	6.8	329.9	999.9	329.9	329.9	99.9	999.9	27.7	72.
36.6	105.8	11618.6	225.0	-50.0	99.9	259.5	28.5	27.2	9.4	331.9	999.9	331.9	331.9	99.9	999.9	31.8	72.
41.5	112.5	12779.6	200.0	-55.0	99.9	259.8	26.5	26.1	4.7	325.7	999.9	325.7	325.7	99.9	999.9	36.8	72.
44.7	119.8	13222.9	175.0	-60.3	99.9	243.6	22.2	22.1	2.1	358.3	999.9	358.3	358.3	99.9	999.9	45.7	74.
48.2	125.5	14174.2	150.0	-64.0	99.9	244.7	17.5	15.8	7.5	358.3	999.9	358.3	358.3	99.9	999.9	45.7	74.
52.8	133.0	15275.0	125.0	-68.1	99.9	230.8	14.3	14.1	2.5	371.5	999.9	371.5	371.5	99.9	999.9	49.5	73.
57.3	140.5	16582.8	100.0	-73.5	99.9	224.9	9.9	9.9	99.9	355.4	999.9	355.4	355.4	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 550  
BIG SPRING, TEXAS

25 JUNE 1977  
1500 GMT

123 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	731.0	927.9	23.0	20.1	70.0	2.2	-2.1	-0.8	302.6	345.9	16.3	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.1	12.1	803.4	925.0	23.3*	99.9	999.9	99.9	99.9	99.9	303.2	999.9	99.9	999.9	999.9	999.
0.7	14.4	1047.8	900.0	21.6	19.0	999.9	99.9	99.9	99.9	303.8	345.8	15.6	85.2	999.9	999.
1.4	16.5	1207.2	875.0	20.3	19.4	999.9	99.9	99.9	99.9	304.2	349.2	16.5	85.0	999.9	999.
2.3	18.7	1513.6	850.0	18.7	17.7	217.3	5.5	3.4	4.4	305.3	346.5	15.2	86.6	0.5	26.
3.3	20.9	1799.7	825.0	16.4	15.3	209.5	5.3	3.1	5.5	305.9	342.4	13.4	93.1	0.8	29.
3.9	23.3	2061.8	800.0	14.9	9.3	211.7	6.9	3.6	5.9	307.1	332.9	9.3	85.3	1.1	29.
4.9	25.6	2371.9	775.0	15.2	7.5	223.7	7.3	5.4	5.6	310.2	324.1	8.4	59.9	1.5	31.
5.7	28.1	2609.1	750.0	13.2	6.9	233.7	8.9	7.2	5.3	310.9	334.9	8.4	65.7	1.9	35.
6.6	30.6	2804.0	725.0	11.4	8.1	234.3	9.3	7.5	5.4	312.0	338.7	9.4	80.1	2.3	39.
7.6	32.2	3127.1	700.0	9.4	6.3	223.9	10.5	7.5	7.8	312.9	337.6	8.6	81.2	2.9	41.
8.5	35.9	3488.0	675.0	7.0	2.1	225.0	12.2	8.7	8.7	313.5	332.8	6.6	70.8	3.6	41.
9.5	38.4	3798.1	650.0	5.1	3.7	235.2	11.5	9.5	6.4	314.8	337.1	7.7	90.3	4.3	43.
10.6	41.1	4117.9	625.0	2.9	1.0	239.1	11.8	10.1	6.1	315.7	335.1	6.6	87.3	5.0	45.
11.7	44.0	4447.8	600.0	0.8	-2.4	243.8	11.7	10.1	5.0	317.1	333.1	5.4	78.8	5.8	47.
13.1	47.0	4780.6	575.0	0.2	-9.8	244.8	10.5	10.2	2.8	320.2	330.1	3.2	46.8	6.6	50.
14.2	50.0	5144.2	550.0	-2.6	-11.5	254.3	11.7	11.2	3.1	321.0	330.1	2.9	50.6	7.2	53.
15.3	53.0	5511.5	525.0	-5.6	-8.7	260.6	13.7	13.6	2.2	321.8	333.5	3.8	78.5	8.0	55.
16.5	55.9	5897.5	500.0	-7.1	-11.7	256.8	15.1	15.7	3.7	324.4	334.3	3.1	65.9	9.0	58.
17.6	59.3	6291.9	475.0	-9.7	-18.7	253.6	15.9	15.3	4.5	326.0	332.1	1.8	47.6	10.1	60.
19.0	62.7	6708.1	450.0	-11.4	-57.2	248.7	18.4	17.2	6.7	328.9	329.0	0.0	1.0	11.3	61.
20.3	66.1	7147.7	425.0	-14.7	-59.3	249.5	22.0	20.5	7.7	330.1	330.2	0.0	1.0	13.1	62.
21.6	69.8	7589.8	400.0	-17.4	-60.9	259.9	22.3	21.9	3.9	332.4	332.5	0.0	1.0	14.8	64.
23.1	73.4	8081.2	375.0	-19.7	-62.4	264.1	19.1	19.0	2.0	335.6	325.6	0.0	1.0	16.6	65.
24.7	77.4	8559.1	350.0	-24.1	-65.3	275.5	20.6	20.5	-2.0	336.3	336.4	0.0	1.0	18.1	68.
26.4	81.3	9125.2	325.0	-28.4	-69.1	265.3	23.1	23.0	1.9	337.6	337.6	0.0	1.0	20.3	70.
28.0	85.4	9695.1	300.0	-31.9	-70.5	253.0	29.6	28.3	8.7	340.4	340.4	0.0	1.0	22.5	71.
30.1	90.0	10302.7	275.0	-37.4	-74.1	254.1	41.9	40.3	11.4	341.1	341.1	0.0	1.0	27.2	72.
32.2	94.8	10957.9	250.0	-42.3	99.9	253.3	28.8	27.6	8.3	343.2	599.9	99.9	999.9	31.6	72.
34.6	99.8	11659.7	225.0	-47.4	99.9	252.4	40.5	38.6	12.3	345.9	999.9	99.9	999.9	36.2	72.
37.2	105.3	12470.3	200.0	-52.3	99.9	263.7	24.1	24.0	2.7	349.9	999.9	99.9	999.9	41.2	73.
39.6	111.0	13297.7	175.0	-56.8	99.9	259.7	31.0	30.5	5.5	356.1	999.9	99.9	999.9	44.7	74.
42.4	117.5	14249.2	150.0	-61.9	99.9	251.2	28.0	26.5	9.0	363.4	999.9	99.9	999.9	50.8	74.
45.6	125.0	15357.9	125.0	-65.2	99.9	247.1	0.9	0.8	0.4	376.9	999.9	99.9	999.9	54.7	73.
49.5	133.0	16706.4	100.0	-67.7	99.9	999.9	99.9	99.9	99.9	397.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

25 JUNE 1977  
1800 GMT

116 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	873.0	917.0	30.0	18.4	130.0	1.6	-1.2	1.0	310.8	351.7	14.8	50.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	13.1	1039.4	900.0	26.8	18.0	133.0	1.1	-0.8	0.8	309.1	349.4	14.6	58.8	0.1	341.
1.1	15.1	1289.1	875.0	24.5	16.7	171.1	1.5	-0.2	1.5	309.3	347.6	13.9	62.0	0.1	336.
1.6	17.0	1541.9	850.0	22.3	16.1	170.9	2.3	-0.4	2.3	309.6	347.4	13.7	67.6	0.1	346.
2.6	19.3	1801.4	825.0	19.8	15.2	201.7	3.4	1.2	3.1	309.6	346.5	13.3	74.8	0.3	350.
3.6	21.2	2064.5	800.0	17.5	15.6	222.8	3.7	2.5	2.7	309.8	349.0	14.1	88.6	0.5	11.
4.4	23.5	2337.9	775.0	14.8	13.8	242.4	5.5	4.9	2.6	309.7	345.8	13.0	94.3	0.7	23.
5.3	25.7	2615.9	750.0	14.7	7.8	254.1	9.5	9.1	2.6	312.6	338.2	9.0	63.7	1.0	40.
6.2	27.7	2902.8	725.0	13.4	5.7	249.9	10.9	10.2	3.7	314.2	337.2	8.0	55.5	1.5	52.
7.4	30.2	3197.1	700.0	10.6	4.1	242.5	10.3	9.6	5.0	314.2	335.7	7.4	64.1	2.2	57.
8.3	32.6	3490.5	675.0	8.4	3.3	237.1	10.3	8.6	5.6	315.1	336.2	7.2	70.4	2.8	58.
9.5	35.2	3810.9	650.0	6.3	0.7	238.2	10.1	8.6	5.3	316.1	334.5	6.2	67.7	3.5	57.
10.6	37.6	4131.7	625.0	3.7	-1.4	244.9	9.1	8.3	3.9	316.7	333.2	5.5	69.2	4.2	58.
11.7	40.2	4462.2	600.0	1.1	-2.3	258.6	8.4	8.2	1.7	317.4	333.7	5.4	78.1	4.8	59.
13.1	42.7	4803.7	575.0	-1.2	-5.5	266.8	8.0	8.0	0.5	318.6	332.0	4.4	72.7	5.4	63.
14.5	45.4	5156.8	550.0	-4.1	-7.7	262.7	8.4	8.3	1.1	319.2	331.2	3.9	76.2	6.0	65.
15.8	48.4	5522.4	525.0	-6.5	-9.7	263.2	9.3	9.2	1.1	320.7	331.6	3.5	78.4	6.6	67.
17.2	51.1	5907.6	500.0	-7.7	-17.2	256.1	12.7	12.3	3.1	323.7	330.1	2.0	46.5	7.6	68.
18.7	54.3	6300.9	475.0	-9.7	-30.4	259.3	15.0	14.7	2.8	326.0	328.3	0.6	16.7	8.8	70.
20.3	57.1	6717.1	450.0	-11.5	-45.1	254.6	15.2	14.5	4.0	328.8	329.4	0.1	4.2	10.2	71.
21.8	60.5	7152.9	425.0	-14.2	-46.5	252.5	15.9	16.1	5.1	330.8	331.3	0.1	4.4	11.6	71.
23.4	64.0	7609.7	400.0	-15.9	-49.0	256.6	18.0	17.5	4.2	333.0	333.5	0.1	4.7	13.4	71.
25.2	67.3	8091.8	375.0	-19.8	-50.7	259.5	18.9	18.7	2.9	335.4	335.9	0.1	4.4	15.4	72.
27.1	70.9	8600.0	350.0	-23.7	-51.9	256.2	19.1	18.6	4.6	336.8	337.1	0.1	5.5	17.2	73.
29.1	74.8	9134.2	325.0	-28.3	-53.3	251.9	22.3	21.2	6.9	337.7	338.0	0.1	6.5	19.8	73.
30.9	79.0	9705.2	300.0	-32.5	-55.2	248.0	24.5	23.1	9.4	339.6	339.9	0.1	8.2	22.3	73.
32.9	83.2	10312.1	275.0	-37.9	-58.4	250.5	24.8	23.4	8.3	340.4	340.6	0.0	9.4	25.1	72.
35.1	87.7	10961.3	250.0	-42.8	-66.9	243.7	28.4	25.5	12.6	342.5	999.9	99.9	999.9	28.6	72.
37.5	92.3	11664.2	225.0	-47.8	-99.9	251.5	29.1	27.6	9.2	345.2	999.9	99.9	999.9	32.9	71.
40.6	98.0	12432.0	200.0	-52.8	-99.9	254.1	30.5	29.4	8.4	349.2	999.9	99.9	999.9	38.4	71.
43.5	103.2	13237.0	175.0	-58.0	-99.9	250.5	34.2	25.3	4.3	354.2	999.9	99.9	999.9	43.2	72.
46.7	110.3	14241.3	150.0	-64.0	-99.9	257.4	35.1	25.5	5.7	359.8	999.9	99.9	999.9	48.2	73.
50.6	117.7	15349.7	125.0	-68.1	-99.9	233.9	31.0	17.0	12.4	371.7	999.9	99.9	999.9	52.3	72.
54.7	125.0	16671.9	100.0	-71.1	-99.9	99.9	99.9	99.9	99.9	390.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

25 JUNE 1977  
1800 GMT

128 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HHEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.3	771.0	929.7	29.1	20.5	240.0	1.0	0.9	0.5	305.6	350.1	16.6	60.0	0.0	0.
99.9	99.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	90.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	90.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.9	999.9	999.9
0.1	13.6	915.0	625.0	27.0	18.1	999.9	99.9	99.9	99.9	307.0	346.5	14.5	58.0	999.9	999.9
0.8	15.7	1044.5	600.0	22.6	14.0	999.9	99.9	99.9	99.9	308.9	335.7	11.3	58.2	999.9	999.9
1.6	18.2	1401.0	975.0	20.0	13.1	999.9	99.9	99.9	99.9	304.6	334.5	10.9	64.3	999.9	999.9
2.4	20.5	1550.7	850.0	18.2	10.3	240.7	3.7	3.2	1.8	305.2	331.0	9.3	55.5	0.5	55.
3.5	23.1	1405.7	925.0	18.9	9.6	248.4	2.9	2.6	1.3	306.5	332.7	8.6	51.4	0.7	56.
4.8	25.5	2070.7	900.0	17.6	7.8	239.5	6.2	5.3	3.2	309.9	333.6	8.4	52.7	1.0	57.
5.9	28.1	2341.3	775.0	14.9	6.2	237.5	6.3	5.4	3.4	309.8	331.9	7.8	56.6	1.5	58.
7.1	30.8	2518.4	750.0	13.3	7.3	231.4	2.0	6.3	4.9	311.0	333.5	8.6	66.7	2.0	57.
9.1	33.5	2902.8	725.0	10.6	9.1	249.3	9.5	8.8	3.4	311.0	337.7	9.4	84.6	2.5	57.
9.3	35.2	3195.3	700.0	9.5	8.3	257.6	11.2	10.9	2.4	313.0	341.2	9.9	92.6	3.2	62.
10.6	39.1	3466.4	675.0	7.1	5.6	255.5	13.0	12.6	3.3	313.6	338.0	8.5	90.0	4.1	65.
11.9	41.9	3706.8	650.0	5.0	1.7	254.4	13.5	13.0	3.6	314.6	330.1	6.7	75.2	5.2	67.
13.2	44.9	4125.9	625.0	2.0	-0.2	250.4	14.0	13.2	4.7	314.8	332.5	6.0	85.0	6.3	68.
14.5	47.9	4456.0	600.0	-0.2	-2.8	256.9	14.5	14.2	3.3	315.9	331.4	5.2	82.3	7.5	69.
15.1	50.9	4794.9	575.0	-1.9	-7.3	263.7	12.4	12.7	1.4	317.8	329.6	2.9	66.6	8.7	70.
17.5	54.0	5147.0	550.0	-4.2	-9.6	273.5	11.3	11.8	-0.7	319.1	329.5	2.4	65.9	9.7	72.
19.0	57.1	5411.9	525.0	-7.4	-11.7	273.3	12.1	12.0	-0.7	319.5	328.8	2.0	71.3	10.6	75.
20.4	60.5	5661.2	500.0	-3.4	-14.8	260.7	14.5	14.4	2.4	322.8	330.5	2.4	60.3	11.7	76.
22.0	64.1	6294.7	475.0	-6.3	-20.0	257.3	15.6	15.2	3.4	325.7	331.2	1.6	43.4	13.1	76.
23.5	67.5	6704.3	450.0	-12.0	-25.2	256.9	17.6	17.1	4.0	328.1	330.8	0.8	22.3	14.8	76.
25.3	71.0	7139.3	425.0	-14.3	-35.0	259.3	15.2	14.9	3.0	330.6	332.2	0.5	15.3	16.5	76.
27.3	75.0	7506.0	400.0	-17.5	-37.4	263.4	13.5	13.1	3.7	332.2	333.6	0.4	15.6	18.2	76.
29.0	79.0	8074.3	375.0	-20.9	-41.7	259.7	13.2	12.4	4.6	334.0	334.9	0.3	13.4	19.5	76.
31.0	83.2	8511.8	350.0	-25.4	-45.2	245.2	15.1	13.9	6.1	334.6	335.3	0.2	13.6	21.1	75.
32.9	87.2	9115.2	325.0	-29.2	-45.4	253.5	22.9	22.0	6.5	336.4	336.9	0.1	12.1	23.2	75.
35.0	92.0	9681.2	300.0	-34.2	-53.5	256.9	21.3	20.7	5.2	337.1	337.5	0.1	12.1	26.3	75.
37.3	96.5	10284.8	275.0	-38.8	99.9	254.4	19.5	17.8	5.0	339.0	999.9	59.9	955.9	29.1	75.
39.5	101.5	10933.0	250.0	-43.0	99.9	247.5	27.4	25.4	10.4	342.2	999.9	99.9	999.9	32.2	74.
42.2	107.0	11675.7	225.0	-47.6	99.9	250.3	29.2	26.6	9.5	345.6	999.9	99.9	999.9	36.6	74.
45.0	112.8	12405.1	200.0	-52.8	99.9	253.0	28.4	27.8	8.0	349.1	999.9	99.9	999.9	41.4	74.
48.1	118.4	13237.1	175.0	-57.8	99.9	254.0	21.4	20.6	5.9	354.5	999.9	99.9	999.9	45.9	74.
51.5	125.8	14215.7	150.0	-53.2	99.9	250.7	19.2	18.2	6.4	361.3	999.9	99.9	955.9	50.0	74.
54.8	133.0	15327.6	125.0	-67.8	99.9	238.2	19.1	16.2	10.0	372.2	999.9	99.9	999.9	53.7	73.
99.9	99.9	90.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

25 JUNE 1977  
1750 GMT

132 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	525.0	542.2	21.0	21.2	190.0	3.6	0.0	3.6	308.8	355.3	17.0	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
0.8	13.2	605.4	525.0	27.0	19.9	200.4	4.5	1.6	4.2	306.9	347.9	15.1	61.4	0.2	335.
1.8	15.4	1047.4	500.0	24.3	17.7	165.2	4.5	0.4	4.5	306.6	345.6	14.3	66.3	0.5	350.
2.8	18.0	1997.9	875.0	22.5	16.3	196.5	4.5	1.3	4.3	307.2	344.2	13.5	68.1	0.8	358.
3.9	20.5	1544.2	950.0	20.4	14.3	203.0	4.6	1.8	4.2	307.5	341.2	12.2	68.2	1.1	4.
4.9	23.0	1807.7	825.0	18.4	12.6	211.1	4.3	2.2	3.6	308.0	339.1	11.2	69.0	1.3	8.
5.8	25.5	2067.5	800.0	16.3	9.6	237.3	4.4	3.7	2.4	309.0	335.5	9.5	62.6	1.5	13.
6.6	28.1	2777.6	775.0	14.3	8.2	246.4	5.5	5.1	2.2	309.7	334.7	8.9	64.6	1.7	20.
7.6	30.9	2414.5	750.0	13.2	6.9	252.1	7.5	7.2	2.2	310.9	334.7	8.4	65.7	1.9	28.
8.4	33.7	2400.7	725.0	12.0	4.4	252.7	8.3	8.4	2.6	312.6	333.6	7.3	55.4	2.3	36.
9.4	36.3	3197.4	700.0	10.6	2.2	247.0	9.3	8.3	3.4	314.2	333.0	6.4	56.0	2.7	43.
10.5	39.1	3405.5	675.0	9.0	1.3	247.9	7.8	7.8	3.2	314.6	332.9	6.3	62.6	3.3	47.
11.5	41.9	3805.8	650.0	5.0	1.1	254.0	7.4	7.4	2.1	316.6	333.4	6.4	76.1	3.7	50.
12.8	44.9	4124.8	625.0	2.4	-2.3	261.4	7.5	7.5	1.1	319.2	330.6	5.2	71.3	4.2	53.
13.9	48.0	4453.7	600.0	-0.1	-5.8	265.1	7.9	7.9	0.7	316.0	328.5	4.2	65.6	4.7	57.
15.1	51.0	4793.9	575.0	-1.9	-8.4	246.6	9.6	8.5	1.4	317.8	327.9	3.3	56.2	5.2	60.
16.3	54.3	5146.1	550.0	-4.5	-12.3	255.1	9.3	9.3	0.8	318.7	327.2	2.7	54.4	5.8	62.
17.6	57.3	5411.4	525.0	-6.1	-20.3	261.9	10.4	10.4	1.5	321.1	325.9	1.5	21.7	6.5	65.
19.0	60.2	5491.8	500.0	-7.9	-30.2	251.2	12.5	11.8	4.0	323.4	325.5	0.6	14.3	7.4	66.
20.4	64.3	6289.0	475.0	-10.2	-37.7	252.8	16.3	15.5	4.8	325.4	328.2	0.8	22.5	8.6	67.
21.6	67.7	6738.0	450.0	-12.2	-40.0	251.4	17.9	17.0	5.7	327.9	329.1	0.3	10.3	9.9	68.
23.1	71.2	7130.2	425.0	-14.7	-47.2	252.6	17.7	17.0	5.0	330.1	330.6	0.1	4.3	11.4	68.
24.7	75.2	7555.2	400.0	-17.5	-47.8	253.1	20.2	19.5	5.2	331.8	332.3	0.1	5.2	13.3	69.
26.4	79.2	8074.6	375.0	-21.4	-50.3	251.6	16.1	15.3	5.1	333.3	333.7	0.1	5.3	15.2	70.
28.2	83.2	8579.8	350.0	-25.1	-51.5	252.7	18.7	18.3	3.7	335.0	335.4	0.1	6.4	17.0	70.
29.9	87.2	9117.6	325.0	-29.2	-52.8	257.2	22.1	21.8	4.9	336.5	336.8	0.1	6.0	19.1	71.
31.5	91.8	9680.5	300.0	-33.6	-53.5	253.6	22.4	21.4	6.3	338.1	338.4	0.1	11.3	21.5	72.
33.5	96.4	10255.4	275.0	-38.3	-55.0	255.5	24.6	23.8	6.2	339.7	340.0	0.1	15.2	24.0	72.
35.7	101.4	10813.8	250.0	-43.9	99.9	259.7	27.4	25.7	9.0	340.7	999.9	99.9	999.9	27.3	72.
38.0	105.8	11631.4	225.0	-48.1	99.9	255.0	28.4	27.5	7.3	343.3	999.9	99.9	999.9	31.4	72.
40.4	112.5	12794.4	200.0	-54.6	99.9	250.7	29.5	28.1	5.1	346.3	999.9	99.9	999.9	35.4	73.
42.9	118.5	14230.0	175.0	-59.8	99.9	264.8	21.0	21.0	1.9	351.3	999.9	99.9	999.9	39.2	74.
45.0	125.4	14132.2	150.0	-64.6	99.9	243.5	21.0	19.5	7.7	353.9	999.9	99.9	999.9	42.7	74.
49.2	132.7	15285.3	125.0	-71.3	99.9	233.4	17.5	14.9	9.2	365.9	999.9	99.9	999.9	46.8	73.
53.2	140.0	16560.2	100.0	-67.7	99.9	999.9	99.9	99.9	99.9	397.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.5	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

25 JUNE 1977  
1500 GMT

119 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	781.0	926.4	25.0	22.4	110.0	2.1	-2.0	0.7	303.8	363.3	20.0	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.1	11.7	794.5	925.0	25.2	22.1	979.9	99.9	99.9	99.9	308.2	358.7	18.6	65.5	999.9	999.
1.0	13.9	1015.2	900.0	23.8	18.0	999.9	99.9	99.9	99.9	306.1	345.9	14.6	70.1	999.9	999.
1.9	15.9	1292.9	875.0	22.6	18.6	999.9	99.9	99.9	99.9	307.3	350.0	15.7	78.2	999.9	999.
2.7	18.2	1535.2	850.0	20.0	17.7	198.2	5.2	0.7	5.2	307.1	348.4	15.2	86.5	0.6	337.
3.5	20.4	1791.0	825.0	18.2	16.4	198.3	6.8	2.1	6.5	307.8	347.4	14.5	89.7	0.9	348.
4.4	22.5	2097.1	800.0	16.9	14.3	224.8	6.5	4.6	4.7	309.0	344.8	12.9	85.2	1.2	0.
5.3	25.1	2329.3	775.0	16.3	5.8	251.5	8.4	8.0	2.6	311.3	339.3	9.9	65.4	1.4	15.
6.3	27.7	2607.3	750.0	14.6	7.8	245.9	10.3	9.4	4.2	312.5	338.0	8.9	63.7	1.8	30.
7.3	29.8	2833.3	725.0	12.6	5.8	242.3	12.5	11.1	5.9	313.2	336.4	8.0	63.5	2.4	35.
8.4	32.3	3187.2	700.0	10.2	5.1	245.6	13.1	11.9	5.4	313.8	336.7	7.9	70.3	3.2	45.
9.5	35.0	3439.6	675.0	7.6	4.8	252.7	12.9	12.3	3.8	314.1	337.4	8.1	82.8	4.0	50.
10.7	37.4	3790.6	650.0	5.2	3.4	249.7	12.0	11.2	4.2	314.9	336.9	7.6	87.8	4.9	54.
11.9	40.3	4119.4	625.0	2.9	0.2	253.9	12.0	11.5	3.3	315.8	334.2	6.2	82.2	5.7	56.
13.1	42.9	4440.3	600.0	0.4	-2.9	265.8	10.9	10.8	0.8	316.6	332.0	5.2	78.2	6.5	59.
14.4	45.7	4790.6	575.0	-1.9	-6.9	280.0	11.6	11.4	-2.0	317.8	329.9	4.0	68.4	7.2	63.
15.6	48.4	5141.9	550.0	-3.5	-10.1	263.7	11.0	10.9	1.2	318.3	328.8	3.2	64.5	7.9	66.
17.0	51.4	5507.1	525.0	-6.6	-12.7	259.3	12.4	12.1	2.3	320.5	329.1	2.7	61.5	8.8	68.
18.2	54.6	5887.5	500.0	-7.9	-21.4	252.7	13.7	13.6	1.8	323.4	328.1	1.4	34.0	9.8	69.
19.6	57.5	6285.3	475.0	-7.2	-40.9	259.0	14.7	14.4	2.8	326.5	327.5	0.2	5.6	10.9	70.
21.0	60.9	6701.6	450.0	-11.7	-53.1	257.2	15.3	14.9	3.4	329.1	329.3	0.1	1.7	12.1	71.
22.6	64.4	7177.7	425.0	-14.6	-51.8	261.7	21.8	21.6	3.2	330.3	330.6	0.1	2.5	13.8	72.
24.1	67.7	7593.8	400.0	-17.6	-48.8	259.2	17.3	17.0	3.2	332.1	332.6	0.1	4.6	15.9	73.
25.7	71.2	8074.4	375.0	-20.2	-54.3	267.1	16.3	16.3	0.8	334.8	335.1	0.1	3.0	17.2	74.
27.3	75.1	8591.2	350.0	-24.6	-54.3	257.9	21.5	21.1	4.5	335.6	335.9	0.1	4.4	18.7	75.
28.9	79.2	9116.0	325.0	-29.0	-53.8	252.5	22.3	21.3	6.7	336.9	337.1	0.1	7.0	20.8	75.
30.7	83.2	9694.3	300.0	-32.5	-59.0	250.1	33.6	31.5	11.4	338.6	339.7	0.0	5.1	24.2	74.
32.6	87.4	10291.4	275.0	-37.7	-60.1	253.0	30.3	29.0	8.9	340.6	340.8	0.0	7.5	27.8	74.
34.4	92.0	10940.8	250.0	-42.4	99.9	244.0	24.0	21.6	10.5	343.0	999.9	99.9	999.9	30.6	74.
36.5	97.0	11645.4	225.0	-47.4	99.9	253.9	44.3	42.5	12.3	345.9	999.9	99.9	999.9	35.3	73.
38.7	102.7	12414.4	200.0	-53.0	99.9	260.7	38.7	38.2	6.2	348.8	999.9	99.9	999.9	39.5	74.
41.1	108.0	13255.6	175.0	-57.5	99.9	257.2	33.2	32.4	7.4	355.1	999.9	99.9	999.9	44.8	75.
43.8	114.3	14227.5	150.0	-62.9	99.9	259.3	16.5	16.2	3.1	361.7	999.9	99.9	999.9	49.4	75.
46.4	121.3	15347.9	125.0	-66.4	99.9	242.8	45.9	40.8	21.0	374.8	999.9	99.9	999.9	51.9	74.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

25 JUNE 1977  
2100 GMT

117 101. 0

TIME MIN	CNTCT	HT:GHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ CG
0.0	13.0	877.0	914.3	33.3	15.8	200.0	3.2	2.3	-1.6	314.4	349.7	12.4	35.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	14.2	1014.7	900.0	29.6	15.7	269.5	3.4	3.9	0.0	312.0	347.3	12.6	42.9	0.1	95.
1.2	16.2	1255.4	875.0	27.6	14.9	267.9	5.0	5.2	0.2	312.5	347.2	12.3	45.9	0.3	91.
1.8	18.5	1521.7	850.0	25.1	14.3	258.3	5.2	5.2	0.2	312.4	345.7	12.2	51.2	0.5	90.
2.4	20.6	1797.4	825.0	22.7	13.4	259.3	3.2	3.1	0.6	312.6	345.9	11.8	55.6	0.7	89.
3.3	22.7	2059.7	800.0	20.4	12.4	245.4	3.1	2.9	1.3	312.9	345.2	11.5	60.4	0.8	86.
3.9	25.0	2324.1	775.0	17.4	11.4	240.2	4.1	3.6	2.0	312.5	343.6	11.0	67.9	0.9	83.
4.9	27.2	2604.0	750.0	15.0	11.3	234.0	4.6	3.7	2.7	312.8	345.0	11.4	75.1	1.2	78.
5.7	29.6	2901.1	725.0	13.1	9.4	234.8	6.6	5.4	3.8	313.5	343.3	10.3	78.4	1.4	73.
6.9	32.2	3155.1	700.0	11.6	6.0	243.6	8.8	7.9	3.0	315.4	339.8	8.4	68.1	1.9	70.
7.9	34.7	3489.9	675.0	9.3	1.3	255.1	9.5	9.6	2.6	316.7	335.3	6.3	55.4	2.6	65.
8.9	37.1	3802.0	650.0	6.9	-0.6	263.1	9.2	9.2	1.1	316.9	333.6	5.6	58.7	3.1	71.
9.8	39.3	4127.1	625.0	4.1	-2.8	262.5	9.2	9.1	1.2	317.2	332.2	5.0	60.3	3.6	73.
11.0	42.3	4454.4	600.0	1.7	-5.7	259.3	9.7	9.6	1.7	318.1	330.8	4.2	57.9	4.2	74.
12.1	45.1	4794.0	575.0	-1.0	-7.3	257.2	11.4	11.1	2.5	318.9	330.7	3.9	62.2	5.0	75.
13.3	48.0	5149.4	550.0	-3.5	-6.1	258.8	11.3	11.0	2.2	319.9	333.5	4.4	62.4	5.8	75.
14.3	50.9	5515.6	525.0	-5.3	-7.8	255.5	12.2	11.9	2.9	320.8	333.3	4.0	68.9	6.4	76.
14.9	53.9	5894.2	500.0	-10.1	-30.2	257.5	12.2	11.9	2.6	320.7	322.2	0.6	17.7	6.9	75.
15.9	56.9	6290.4	475.0	-9.9	-27.6	247.9	11.5	11.5	1.2	325.8	328.6	0.8	21.7	7.7	76.
17.6	60.1	6705.0	450.0	-11.6	-31.6	243.0	13.9	13.6	2.9	326.7	320.9	0.6	17.1	8.9	77.
20.0	63.6	7142.7	425.0	-13.6	-34.6	241.5	13.3	13.1	2.0	331.7	333.4	0.5	14.2	10.9	77.
21.6	66.9	7601.1	400.0	-16.5	-36.9	257.8	12.4	12.1	2.6	332.5	335.0	0.4	15.1	12.1	78.
23.2	70.4	8043.0	375.0	-20.0	-40.0	250.9	11.7	11.1	3.8	334.5	335.6	0.3	15.5	13.3	77.
25.5	74.2	8599.7	350.0	-24.4	-41.9	250.4	14.7	13.9	4.5	335.9	336.9	0.3	17.8	15.1	76.
28.1	78.2	9175.0	325.0	-28.0	-44.6	243.5	20.0	18.6	7.3	339.0	338.9	0.2	18.6	18.0	76.
30.4	82.2	9695.2	300.0	-32.2	-47.6	243.2	22.0	19.7	9.9	340.0	340.7	0.2	19.7	20.9	74.
32.6	86.5	10302.7	275.0	-37.4	-51.4	242.6	23.7	21.0	10.9	341.0	341.5	0.1	21.3	23.9	73.
34.9	91.2	10953.2	250.0	-42.7	99.9	244.8	23.2	21.5	10.2	343.2	99.9	99.9	99.9	27.1	72.
37.3	96.2	11659.1	225.0	-47.6	99.9	251.1	24.0	22.3	7.8	345.1	99.9	99.9	99.9	31.4	71.
40.5	101.4	12425.0	200.0	-53.7	99.9	246.8	24.5	23.0	8.5	347.7	99.9	99.9	99.9	35.2	71.
43.0	107.5	13271.5	175.0	-60.0	99.9	250.8	20.7	19.5	5.8	351.0	99.9	99.9	99.9	39.3	71.
46.2	113.8	14221.2	150.0	-65.5	99.9	250.1	22.3	20.9	7.6	357.3	99.9	99.9	99.9	42.9	71.
50.1	121.0	15321.8	125.0	-69.0	99.9	220.3	13.7	12.1	14.3	370.1	99.9	99.9	99.9	47.4	70.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

25 JUNE 1977  
2100 GMT

129 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GSM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED W/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	771.0	527.2	20.0	21.1	0.0	0.0	0.0	0.0	309.2	357.2	17.3	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	59.9	59.9	59.9	59.9	59.9	59.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	13.8	723.1	925.0	27.2	16.9	599.9	99.9	99.9	99.9	307.1	344.0	13.4	53.3	999.9	999.9
0.9	16.2	1033.1	900.0	23.9	14.7	999.9	99.9	99.9	99.9	306.1	338.5	11.8	56.5	999.9	999.9
1.7	18.6	1279.7	875.0	22.0	13.4	279.9	1.0	1.0	1.0	306.6	338.6	1.6	60.8	999.9	999.9
2.4	21.1	1570.4	850.0	19.6	13.4	279.9	2.9	2.7	-0.2	306.6	338.6	11.5	67.8	0.2	84.
3.3	23.5	1756.9	825.0	16.9	13.2	27.1	2.9	2.7	1.1	305.5	338.6	11.7	78.6	0.3	83.
4.4	26.2	2049.2	800.0	15.2	12.8	22.1	6.8	4.5	5.0	297.4	339.8	11.7	85.2	0.6	67.
5.5	29.0	2342.9	775.0	14.7	9.5	241.5	3.5	3.4	0.5	309.7	337.0	9.7	71.0	0.9	58.
5.7	31.7	2595.9	750.0	12.2	7.7	240.0	5.9	5.7	-1.4	309.9	334.9	8.9	73.6	1.1	70.
7.9	36.4	2993.4	725.0	11.6	4.4	250.2	10.3	9.7	3.4	313.0	332.3	7.3	61.6	1.8	72.
9.0	37.0	3177.7	700.0	9.5	2.7	252.3	11.4	10.8	3.4	313.0	332.3	6.7	62.6	2.5	72.
10.2	39.9	3473.6	675.0	7.5	0.4	250.2	12.8	12.1	4.4	314.1	331.4	5.9	60.7	3.4	72.
11.5	42.9	3799.7	650.0	4.9	-0.9	247.4	15.3	14.1	4.5	314.5	330.8	5.5	66.0	4.5	71.
12.9	45.9	4103.8	625.0	2.6	-0.4	250.5	14.0	13.2	4.7	315.5	333.1	6.0	80.1	5.8	70.
14.3	49.0	4417.4	600.0	-0.7	-2.4	255.3	13.7	13.4	2.5	315.3	331.3	5.4	86.3	6.9	71.
15.7	52.0	4771.5	575.0	-3.2	-7.3	241.0	12.7	12.6	1.9	316.2	328.0	3.9	73.6	8.0	72.
17.2	55.2	5121.0	550.0	-4.7	-10.3	242.1	13.5	13.4	1.9	318.5	328.5	2.7	65.1	9.1	73.
18.6	58.4	5487.4	525.0	-7.0	-12.9	244.5	15.7	16.7	1.6	320.0	328.5	2.7	62.8	10.4	75.
20.0	61.9	5859.9	500.0	-6.8	-19.4	247.6	15.3	16.3	0.7	324.8	330.2	1.6	35.9	11.9	76.
21.7	65.4	6267.7	475.0	-9.3	-24.8	249.9	14.9	14.9	0.0	326.5	330.1	1.1	27.1	13.3	78.
23.4	69.3	6682.6	450.0	-12.7	-31.5	256.2	15.1	15.0	1.0	327.3	329.4	0.6	18.9	14.9	79.
25.0	72.5	7117.0	425.0	-15.3	-44.6	252.3	17.9	14.6	5.4	333.5	334.1	0.2	12.5	16.2	79.
26.9	76.5	7571.9	400.0	-19.5	-39.7	251.9	16.0	15.2	5.0	331.0	332.1	0.3	13.4	17.9	79.
28.7	80.4	8048.9	375.0	-22.4	-43.1	253.5	14.3	13.7	4.1	332.0	332.9	0.2	13.0	19.6	78.
30.5	84.5	8542.6	350.0	-24.2	-46.6	252.3	17.9	14.6	5.4	333.5	334.1	0.2	12.5	21.4	78.
32.6	89.3	9094.3	325.0	-30.5	-49.8	245.2	18.7	17.4	6.9	334.7	335.1	0.1	13.0	23.9	77.
34.6	93.4	9648.3	300.0	-35.2	-53.0	243.9	20.1	18.0	8.9	335.9	336.2	0.1	14.1	26.1	76.
36.9	99.2	10249.1	275.0	-40.0	99.9	244.2	22.0	19.8	9.6	337.2	339.9	5.9	95.9	28.3	75.
39.3	103.2	10697.1	250.0	-44.4	99.9	250.6	24.3	22.9	8.1	340.0	339.9	99.9	999.9	32.7	74.
42.0	108.9	11591.7	225.0	-49.5	99.9	250.4	25.5	24.3	8.7	342.7	339.9	99.9	999.9	36.4	74.
44.6	114.5	12354.6	200.0	-54.5	99.9	250.4	23.7	22.3	7.9	346.5	339.9	99.9	999.9	40.4	73.
47.9	120.9	13200.7	175.0	-59.4	99.9	257.5	20.3	19.8	4.4	352.0	339.9	99.9	999.9	45.4	74.
51.3	127.3	14157.0	150.0	-63.2	99.9	251.3	17.0	16.1	5.5	361.2	339.9	99.9	999.9	50.3	74.
55.4	134.7	15267.4	125.0	-68.5	99.9	239.8	12.5	9.8	8.3	370.9	339.9	99.9	999.9	54.9	73.
99.9	99.9	99.9	100.0	99.0	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.0	99.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

25 JUNE 1977  
2051 GMT

132 96. 0

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	535.0	945.8	34.0	20.4	180.0	3.6	0.0	3.6	312.1	357.0	16.2	45.0	0.0	0.
99.9	99.9	52.9	1020.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
99.9	99.9	96.9	975.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
99.9	99.9	99.9	959.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
0.8	14.0	784.2	935.0	29.3	18.4	150.0	6.6	-2.3	6.2	309.3	349.6	14.6	52.1	0.4	34.
2.1	16.3	1028.2	900.0	27.2	17.8	165.4	7.5	-1.9	7.3	309.6	349.6	14.5	56.5	1.0	34.0
3.4	18.9	1277.1	875.0	24.7	16.7	174.3	9.0	-0.8	9.0	309.7	347.8	13.3	61.2	1.6	34.3
6.0	21.3	1521.2	850.0	22.5	15.6	196.9	5.8	1.7	5.5	309.7	346.6	13.3	65.2	2.1	35.1
7.5	23.9	1760.8	825.0	20.8	14.9	206.1	5.0	2.2	4.5	310.6	347.0	13.1	69.1	2.4	35.4
9.4	26.3	2005.7	800.0	18.5	13.7	212.1	6.0	3.2	5.1	310.9	345.8	12.5	73.8	2.8	0.
11.3	29.0	2249.6	775.0	16.3	12.8	224.2	5.7	4.0	4.1	311.3	345.2	12.1	79.9	3.2	4.
13.2	31.8	2497.3	750.0	14.7	11.9	243.1	6.1	5.4	2.7	311.5	344.6	11.8	88.9	3.4	8.
15.1	34.6	2745.0	725.0	13.0	11.0	255.4	7.1	6.5	3.0	312.4	342.9	10.8	88.9	3.6	13.
17.0	37.1	3000.0	700.0	10.5	6.4	277.0	7.5	6.3	4.1	314.2	339.2	8.7	75.7	3.9	19.
18.9	40.1	3255.7	675.0	8.7	3.1	229.2	7.5	5.7	4.9	315.4	336.2	7.1	67.8	4.4	22.
20.8	42.9	3501.3	650.0	6.1	1.3	226.1	7.2	6.0	4.0	315.8	335.0	6.5	71.6	4.8	26.
22.7	45.9	3747.7	625.0	3.5	-0.4	251.7	6.5	6.2	2.0	316.5	334.3	6.0	75.4	5.2	28.
24.6	49.0	4000.0	600.0	1.2	-2.5	252.7	6.9	6.6	2.1	317.5	332.3	4.9	70.8	5.5	32.
26.5	52.0	4250.0	575.0	-0.6	-5.8	249.0	3.5	3.0	3.0	319.3	332.5	4.3	68.0	5.9	35.
28.4	55.2	4500.0	550.0	-3.5	-8.2	249.8	11.9	11.2	4.1	319.9	331.5	3.7	69.9	6.5	38.
30.3	58.4	4750.0	525.0	-6.4	-11.5	253.7	16.2	15.5	4.5	321.5	335.5	4.6	96.5	7.6	43.
32.2	61.9	5000.0	500.0	-9.3	-14.8	257.3	15.4	15.1	3.4	323.7	335.6	3.8	88.6	9.0	49.
34.1	65.3	5250.0	475.0	-12.2	-18.1	259.7	16.4	15.1	3.0	325.7	334.0	2.2	55.5	10.3	53.
36.0	68.7	5500.0	450.0	-15.1	-21.4	254.5	19.1	17.4	4.8	330.2	330.6	0.1	2.1	11.8	57.
37.9	72.1	5750.0	425.0	-18.0	-24.7	247.0	18.7	17.2	7.3	331.8	331.9	0.0	1.9	13.5	58.
39.8	75.5	6000.0	400.0	-20.9	-28.0	252.5	19.2	18.3	5.7	332.9	333.1	0.0	1.4	15.4	55.
41.7	78.9	6250.0	375.0	-23.8	-31.3	258.8	20.0	19.3	5.2	334.0	334.2	0.1	3.5	17.0	61.
43.6	82.3	6500.0	350.0	-26.7	-34.6	254.8	20.0	19.3	5.2	334.0	334.2	0.1	5.4	24.0	64.
45.5	85.7	6750.0	325.0	-29.6	-37.9	251.9	31.5	30.0	9.8	341.4	341.7	0.1	11.0	27.8	65.
47.4	89.1	7000.0	300.0	-32.5	-41.2	260.3	29.5	29.0	5.0	343.2	339.9	59.9	995.9	31.7	66.
49.3	92.5	7250.0	275.0	-35.4	-44.5	260.7	30.4	30.0	4.9	345.0	339.9	59.9	995.9	35.7	68.
51.2	95.9	7500.0	250.0	-38.3	-47.8	264.1	29.8	29.7	3.0	347.6	339.9	59.9	995.9	39.0	69.
53.1	99.3	7750.0	225.0	-41.2	-51.1	267.1	26.9	26.9	1.4	350.0	339.9	59.9	995.9	42.1	70.
55.0	102.7	8000.0	200.0	-44.1	-54.4	254.3	23.5	22.6	6.4	357.7	339.9	59.9	995.9	46.2	71.
56.9	106.1	8250.0	175.0	-47.0	-57.7	259.9	18.3	17.2	5.2	363.5	339.9	59.9	995.9	50.3	71.
58.8	109.5	8500.0	150.0	-49.9	-61.0	259.9	99.9	99.9	99.9	393.5	339.9	59.9	995.9	59.9	99.9
60.7	112.9	8750.0	125.0	-52.8	-64.3	259.9	99.9	99.9	99.9	99.9	339.9	59.9	995.9	99.9	99.9
62.6	116.3	9000.0	100.0	-55.7	-67.6	259.9	99.9	99.9	99.9	99.9	339.9	59.9	995.9	99.9	99.9
64.5	119.7	9250.0	75.0	-58.6	-70.9	259.9	99.9	99.9	99.9	99.9	339.9	59.9	995.9	99.9	99.9
66.4	123.1	9500.0	50.0	-61.5	-74.2	259.9	99.9	99.9	99.9	99.9	339.9	59.9	995.9	99.9	99.9
68.3	126.5	9750.0	25.0	-64.4	-77.5	259.9	99.9	99.9	99.9	99.9	339.9	59.9	995.9	99.9	99.9
70.2	129.9	10000.0	0.0	-67.3	-80.8	259.9	99.9	99.9	99.9	99.9	339.9	59.9	995.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

25 JUNE 1977

125 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	781.0	924.0	22.0	22.4	90.0	4.2	-4.2	0.0	312.1	364.2	18.8	57.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	58.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	59.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	59.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	59.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
0.5	14.5	1015.6	500.0	27.3	12.8	999.9	99.9	99.9	99.9	309.6	352.2	15.5	60.0	999.9	999.9
1.5	16.6	1265.0	875.0	25.3	17.8	999.9	99.9	99.9	99.9	310.1	351.2	14.9	63.4	999.9	999.9
2.4	19.0	1520.0	850.0	23.6	17.0	72.0	2.4	-2.3	-0.7	310.9	351.2	14.5	66.3	999.9	999.9
3.2	21.2	1750.8	825.0	21.4	15.8	50.3	0.7	-0.5	-0.5	311.2	349.9	13.9	70.5	999.9	999.9
4.5	26.0	2087.4	900.0	19.2	15.1	305.3	1.5	1.2	-0.8	311.6	349.8	13.7	77.6	999.9	999.9
5.6	28.6	2500.5	775.0	16.6	14.7	301.7	2.5	2.1	-1.3	311.6	349.9	13.7	88.5	999.9	999.9
7.0	31.2	2924.0	725.0	13.5	8.4	274.8	15.8	15.8	12.5	312.2	345.8	12.0	86.4	999.9	999.9
8.2	33.8	3140.5	700.0	11.1	4.6	256.9	14.1	13.7	-1.3	313.2	340.9	5.6	76.1	999.9	999.9
9.4	36.3	3427.8	675.0	9.6	3.3	262.8	13.1	13.1	1.6	314.8	337.1	7.7	64.1	999.9	999.9
10.4	39.1	3704.5	650.0	7.6	0.7	272.2	11.8	11.7	-0.4	317.5	336.1	6.2	61.9	999.9	999.9
11.6	41.8	4114.4	625.0	4.6	-1.1	277.1	12.2	12.1	-1.5	317.7	334.7	5.7	66.2	999.9	999.9
12.8	44.8	4450.0	600.0	1.0	-4.2	273.9	11.3	11.9	-0.8	318.3	332.5	4.7	64.3	999.9	999.9
14.1	47.8	4792.4	575.0	0.0	-8.1	269.9	12.1	12.1	0.0	320.0	331.2	3.6	54.1	999.9	999.9
15.9	50.7	5148.1	550.0	-1.5	-12.3	267.9	13.5	13.6	0.5	322.3	334.0	3.8	48.6	999.9	999.9
17.3	53.7	5517.9	525.0	-3.1	-13.3	264.1	15.5	15.5	1.6	324.8	333.8	2.8	42.6	999.9	999.9
18.5	56.0	5932.0	500.0	-5.2	-13.0	264.1	14.2	14.1	1.5	326.7	335.7	2.8	37.6	999.9	999.9
19.6	60.3	6303.8	475.0	-7.3	-13.2	254.5	15.9	15.9	4.4	327.7	333.1	1.6	31.6	999.9	999.9
20.7	63.3	6721.4	450.0	-10.6	-31.0	250.6	17.0	16.0	5.6	329.9	332.3	0.7	17.7	999.9	999.9
21.9	67.2	7158.8	425.0	-13.2	-35.6	252.4	13.1	12.5	4.0	332.0	333.6	0.4	13.2	999.9	999.9
23.4	70.9	7417.1	400.0	-16.8	-35.9	257.6	13.5	13.2	2.9	333.2	334.8	0.4	17.2	999.9	999.9
25.0	74.7	8038.5	375.0	-20.2	-37.5	246.6	10.3	10.3	0.6	334.9	336.4	0.4	19.5	999.9	999.9
26.9	78.8	8404.1	350.0	-24.3	-39.5	267.1	19.1	19.1	1.0	336.0	337.3	0.3	22.8	999.9	999.9
32.4	92.8	9143.5	325.0	-27.2	-38.1	231.1	13.1	10.2	8.2	335.2	242.6	1.0	76.8	999.9	999.9
34.9	87.0	9715.2	300.0	-31.0	-34.1	231.1	13.1	10.2	8.2	341.7	344.3	0.7	74.2	999.9	999.9
36.6	91.8	10327.0	275.0	-35.6	-36.8	242.0	22.8	23.1	10.7	343.5	345.4	0.5	72.1	999.9	999.9
38.2	96.6	10837.1	250.0	-40.9	-39.9	251.3	19.8	19.8	10.4	345.3	349.9	99.9	999.9	999.9	999.9
40.2	101.8	11691.7	225.0	-45.9	-44.9	251.3	17.6	16.6	5.6	348.1	349.9	99.9	999.9	999.9	999.9
42.6	107.8	12467.2	200.0	-50.7	-49.5	255.0	31.2	30.3	7.5	352.6	349.9	99.9	999.9	999.9	999.9
45.4	113.8	13326.3	175.0	-56.5	-54.9	252.0	37.7	37.7	12.2	356.7	349.9	99.9	999.9	999.9	999.9
48.8	120.5	14291.1	150.0	-61.5	-59.9	273.7	12.2	12.1	-0.8	364.1	349.9	99.9	999.9	999.9	999.9
52.0	128.0	15303.8	125.0	-67.5	-65.9	275.0	21.6	18.3	11.4	372.8	349.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

26 JUNE 1977  
C GMT

120 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CIMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	873.0	922.6	34.1	13.0	220.0	7.2	7.1	-1.3	317.5	347.5	10.4	25.0	0.0	0.
99.9	99.9	93.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
0.4	13.0	994.1	500.0	31.3	13.7	273.0	9.5	9.5	-0.5	313.8	345.2	11.0	34.2	0.1	92.
1.1	15.9	1250.1	875.0	29.0	12.4	275.4	8.0	8.0	-0.9	313.9	343.7	10.5	36.0	0.4	53.
1.9	18.2	1537.1	550.0	26.4	11.0	259.9	6.7	6.6	1.3	313.8	341.7	10.8	38.2	0.8	92.
2.7	20.4	1799.7	425.0	24.4	11.0	258.8	6.9	6.7	1.6	314.4	343.3	10.1	42.2	1.1	87.
3.9	22.5	2038.5	802.0	22.2	10.5	260.4	7.2	7.1	1.2	314.4	343.7	10.1	47.4	1.6	85.
4.7	24.9	2177.4	775.0	18.3	8.9	259.3	8.1	8.3	1.6	313.5	340.1	9.3	54.3	2.0	84.
5.5	27.2	2504.3	750.0	15.4	8.0	248.9	5.3	5.8	2.3	314.4	340.4	9.0	57.6	2.3	83.
6.5	29.7	2882.3	725.0	13.9	9.7	242.6	7.7	6.9	3.6	314.7	342.9	9.8	71.1	2.7	79.
8.0	32.3	3177.7	700.0	11.2	9.2	240.4	7.3	6.8	3.9	314.9	345.0	10.5	87.8	3.5	76.
9.5	34.8	3491.0	675.0	8.3	7.1	240.5	6.3	5.9	3.2	315.0	342.2	9.4	91.8	4.0	73.
11.9	37.2	3752.5	650.0	6.4	-0.2	237.7	11.6	10.7	4.4	315.2	333.5	5.8	62.6	5.4	71.
14.0	40.0	4113.2	625.0	4.1	-2.4	251.5	13.1	12.6	4.2	317.1	332.6	5.2	62.9	6.9	71.
15.8	42.4	4444.3	600.0	1.3	-4.0	253.7	13.3	13.5	2.7	318.2	332.6	4.8	65.4	8.4	72.
17.1	45.3	4796.9	575.0	-0.0	-6.2	240.8	12.9	12.7	2.1	320.0	332.9	4.2	63.1	9.5	73.
18.5	48.7	5141.9	550.0	-1.6	-10.7	263.2	13.9	13.8	1.6	320.1	331.9	3.1	50.0	10.6	74.
19.7	51.1	5412.0	525.0	-2.7	-16.8	244.2	14.9	14.8	1.5	325.2	331.6	2.0	32.8	11.6	74.
20.9	54.3	5697.0	500.0	-6.1	-20.2	241.4	14.0	13.8	2.1	325.7	330.9	1.6	33.8	12.5	75.
22.0	57.1	6095.6	475.0	-9.1	-29.2	251.9	13.0	12.9	1.9	325.9	339.5	4.0	98.9	13.6	76.
24.6	60.5	6706.5	450.0	-13.2	-35.1	270.2	14.1	16.1	-0.0	324.2	327.0	0.8	31.9	15.8	77.
27.2	64.0	7140.8	425.0	-12.8	-42.5	275.3	18.9	18.6	-1.5	313.5	343.5	3.4	101.1	18.1	80.
30.0	67.4	7639.1	400.0	-17.9	-51.4	257.1	19.2	17.8	4.1	323.3	331.7	0.7	34.6	21.2	91.
31.7	71.0	8074.6	375.0	-20.5	-54.3	259.1	20.5	20.3	3.9	331.8	333.8	0.5	33.0	23.2	80.
33.2	74.9	8479.0	350.0	-25.1	-56.4	257.3	22.5	22.3	5.0	334.5	336.3	0.5	34.5	25.1	80.
34.7	79.0	9112.2	325.0	-29.1	-59.8	251.5	23.9	22.7	7.5	335.6	337.9	0.4	34.3	27.2	80.
36.5	83.0	9680.2	300.0	-33.3	-63.8	246.2	25.7	23.5	10.4	338.4	339.4	0.3	32.8	29.8	79.
39.7	87.4	10255.6	275.0	-37.9	-67.7	245.1	26.6	24.1	11.2	340.3	341.0	0.2	34.6	33.3	77.
42.0	92.2	10915.7	250.0	-42.5	-71.9	252.0	29.5	28.3	9.2	343.9	343.9	99.9	955.9	38.7	76.
44.7	97.2	11635.3	225.0	-47.1	-76.0	252.9	29.5	23.9	7.3	345.3	345.9	99.9	955.9	43.0	76.
47.9	102.8	12409.4	200.0	-52.9	-80.5	253.3	31.7	30.3	9.1	348.9	348.9	99.9	955.9	48.0	75.
50.9	108.8	13250.1	175.0	-57.5	-85.6	259.3	20.3	19.9	4.1	350.0	349.9	99.9	955.9	52.6	75.
54.4	115.3	14215.0	150.0	-63.9	-90.9	249.8	25.2	23.5	3.7	350.1	349.9	99.9	955.9	57.3	75.
58.2	122.7	15320.2	125.0	-69.8	-96.9	237.5	20.9	17.7	11.2	358.7	349.9	99.9	955.9	61.2	74.
63.0	131.0	16719.5	100.0	-73.0	-99.5	249.6	29.6	26.9	99.9	358.7	349.9	99.9	955.9	99.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	99.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	99.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	99.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

26 JUNE 1977  
0 GMT

131 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GCM	PRES HR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	771.0	926.5	29.6	22.3	0.0	0.0	0.0	0.0	305.4	360.5	18.7	65.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9
0.0	14.1	785.5	925.0	29.5*	20.0	99.9	99.9	99.9	99.9	309.2	353.6	16.2	57.5	999.9	999.9
1.2	16.4	1028.3	930.0	25.7	17.5	99.9	99.9	99.9	99.9	309.0	346.8	14.2	60.8	999.9	999.9
2.2	19.9	1275.6	875.0	22.9	15.2	230.0	0.8	0.7	0.4	307.6	344.3	13.4	65.6	0.2	73.
3.2	21.3	1528.4	853.0	21.7	15.9	232.5	1.1	1.1	0.3	303.8	346.0	13.5	69.6	0.3	71.
4.2	24.0	1784.7	825.0	19.1	13.6	249.3	1.5	1.8	0.0	308.9	342.0	12.0	70.3	0.4	73.
5.2	26.5	2050.8	800.0	16.6	10.0	243.4	2.4	2.4	0.3	308.9	336.1	9.7	65.1	0.5	78.
6.4	29.2	2320.4	775.0	14.0	9.5	275.5	2.7	2.7	-0.3	303.5	334.3	9.1	69.5	0.7	80.
7.6	32.1	2597.2	750.0	12.5	7.9	273.7	3.8	3.8	-0.2	310.2	335.6	9.0	73.7	0.9	84.
8.8	34.9	2891.1	725.0	10.4	5.2	297.0	5.5	5.2	-1.6	310.9	332.9	7.7	69.9	1.2	91.
10.0	37.5	3173.9	700.0	8.7	2.0	272.2	8.7	8.7	-0.3	312.1	330.6	6.4	63.1	1.7	93.
11.3	40.5	3477.6	675.0	7.4	0.2	277.0	11.5	11.5	0.6	317.9	331.7	6.1	63.2	2.4	92.
12.5	43.4	3797.1	650.0	4.5	-1.5	285.2	13.6	13.6	1.1	314.2	329.9	5.3	64.2	3.4	90.
13.7	46.5	4102.2	625.0	2.9	-1.5	282.9	15.1	15.1	1.6	315.7	331.9	5.5	72.6	4.4	89.
15.1	49.4	4431.0	600.0	-0.6	-2.5	285.6	15.9	15.9	1.2	315.4	331.2	5.3	87.5	5.8	88.
16.4	52.7	4770.4	575.0	-3.2	-5.7	270.0	15.3	15.3	-0.0	315.2	325.8	5.5	85.2	7.0	88.
17.7	55.0	5121.5	550.0	-4.0	-8.8	273.2	15.2	15.2	-0.6	319.3	330.4	3.6	69.4	8.2	88.
19.2	59.2	5487.2	525.0	-6.0	-13.7	270.4	15.0	15.0	-0.1	321.3	329.3	2.5	54.2	9.5	89.
20.9	62.9	5870.4	500.0	-5.5	-22.2	273.3	15.1	15.1	-1.0	325.2	330.3	1.2	24.3	10.9	89.
22.4	66.3	6271.2	475.0	-9.3	-23.3	279.0	13.2	13.2	-2.1	327.7	331.9	1.2	28.6	12.3	90.
24.0	70.0	6698.4	450.0	-10.9	-29.5	277.1	14.4	14.3	-1.8	330.6	332.2	0.7	19.7	13.5	91.
25.6	73.7	7125.2	425.0	-14.2	-34.1	274.9	13.6	13.6	-1.2	330.8	332.6	0.5	16.5	15.0	91.
27.4	77.7	7591.7	400.0	-18.2	-41.0	285.5	13.3	13.3	1.1	331.4	332.4	0.3	11.5	16.4	91.
29.2	81.7	8080.0	375.0	-21.6	-44.4	281.5	13.1	13.1	5.0	333.0	333.7	0.2	10.6	17.9	90.
31.2	85.3	8544.0	350.0	-25.2	-44.5	285.4	13.7	13.1	4.7	333.0	334.7	0.2	14.6	19.9	88.
33.2	89.1	9024.1	325.0	-30.2	-46.5	281.4	20.9	19.8	6.7	335.0	335.5	0.1	13.2	22.2	87.
35.4	93.0	9500.5	300.0	-34.6	-54.2	281.1	22.5	21.3	7.3	336.7	337.0	0.1	11.7	25.0	85.
38.2	99.8	10242.5	275.0	-38.9	-50.5	247.9	24.5	22.7	9.3	338.8	339.4	0.1	27.8	29.1	83.
41.4	105.0	10670.0	250.0	-44.4	99.9	243.3	23.1	20.2	11.7	340.1	339.9	99.9	959.9	33.3	80.
44.3	110.5	11099.8	225.0	-46.6	99.9	241.6	25.0	23.0	9.9	342.5	339.9	99.9	959.9	37.4	78.
47.1	116.3	12377.3	200.0	-54.8	99.9	237.2	23.4	21.6	9.1	345.0	339.9	99.9	959.9	41.6	77.
51.0	122.3	13217.1	175.0	-58.9	99.9	233.7	22.3	20.2	7.2	352.9	339.9	99.9	959.9	47.0	76.
55.1	129.7	14175.1	150.0	-64.1	99.9	234.6	20.8	20.0	5.5	357.7	339.9	99.9	959.9	53.1	76.
59.5	135.4	14274.7	125.0	-67.5	99.9	235.0	15.0	12.3	8.6	372.7	339.9	99.9	959.9	58.0	75.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

26 JUNE 1977  
17 GMT

119 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	595.0	945.1	20.8	20.3	180.0	3.5	0.0	3.6	298.7	341.0	15.1	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.0	771.5	925.0	22.9	99.9	999.9	99.9	99.9	99.9	302.7	999.9	99.9	999.9	999.9	999.
1.3	13.1	1009.4	900.0	22.6*	99.9	999.9	99.9	99.9	99.9	304.8	999.9	99.9	999.9	999.9	999.
2.7	15.1	1253.4	875.0	22.2	99.9	999.9	99.9	99.9	99.9	306.8	999.9	99.9	999.9	999.9	999.
3.9	17.1	1505.0	850.0	22.6	8.9	157.5	5.5	-2.1	5.1	309.9	333.8	8.5	41.4	2.1	341.
5.3	19.3	1744.4	825.0	21.2	9.0	211.9	1.6	0.8	1.4	311.0	336.0	8.8	45.8	2.3	341.
6.6	21.3	2070.9	800.0	20.1	9.2	274.9	3.2	3.2	-0.3	312.6	338.8	9.2	49.5	2.3	345.
7.6	23.5	2203.9	775.0	17.8	8.0	282.0	4.0	3.9	-0.8	313.0	338.1	8.8	52.8	2.2	350.
8.5	25.7	2583.9	750.0	15.6	7.1	284.7	5.3	5.2	-1.3	313.5	338.0	8.5	56.9	2.1	357.
9.6	29.0	2970.7	725.0	13.2	4.3	283.4	7.4	7.0	-2.2	314.0	335.6	7.5	56.6	2.0	6.
10.5	30.4	3145.2	700.0	10.6	3.3	291.3	9.5	8.9	-3.5	314.2	334.5	7.0	60.5	2.0	20.
11.6	32.9	3467.1	675.0	7.7	2.4	293.9	10.6	9.7	-4.7	314.3	334.1	6.8	68.8	2.0	41.
12.9	35.3	3778.0	650.0	5.9	1.2	295.7	11.9	11.4	-3.4	315.7	334.6	6.4	71.5	2.5	59.
14.0	37.8	4098.4	625.0	3.8	-1.3	286.5	11.7	11.2	-3.3	316.8	333.5	5.6	69.5	3.1	70.
15.1	40.4	4426.8	600.0	2.2	-4.3	294.0	10.8	9.9	-4.4	318.7	332.8	4.7	62.2	3.7	78.
16.3	43.0	4771.9	575.0	-0.3	-6.7	294.4	12.9	11.7	-5.3	319.1	331.4	4.0	64.4	4.3	84.
17.4	45.7	5125.3	550.0	-2.7	-8.2	297.8	12.6	12.0	-3.9	320.9	332.5	3.8	65.8	5.2	89.
18.4	48.6	5493.5	525.0	-5.6	-8.8	291.7	11.9	11.6	-2.4	321.7	333.4	3.7	77.9	5.8	91.
19.4	51.4	5875.2	500.0	-7.7	-18.5	232.1	12.3	12.0	-2.6	323.7	329.5	1.8	41.7	6.6	92.
20.5	54.5	6272.1	475.0	-10.9	-14.2	278.9	11.9	11.7	-1.8	324.5	332.1	2.7	76.3	7.4	93.
21.9	57.5	6696.1	450.0	-12.7	-31.7	269.0	10.8	10.8	0.2	327.2	329.4	0.6	19.7	9.3	93.
23.4	60.9	7120.0	425.0	-15.5	-37.5	262.3	15.7	15.5	2.1	329.1	330.4	0.3	13.0	9.5	92.
24.8	64.3	7575.0	400.0	-18.7	-41.6	267.7	13.3	13.3	0.5	330.7	331.6	0.2	11.2	10.8	91.
25.8	67.7	8053.0	375.0	-22.2	-37.7	274.0	13.9	13.8	-1.0	332.2	333.6	0.4	22.9	12.2	91.
28.6	71.3	8556.9	350.0	-25.9	-42.3	269.5	12.0	12.0	0.1	334.0	335.0	0.3	19.4	13.8	92.
30.7	75.2	9091.5	325.0	-29.1	-43.5	257.9	24.5	24.0	5.1	338.0	338.9	0.2	21.0	16.1	90.
32.4	79.5	9650.1	300.0	-33.3	-40.8	257.5	24.7	24.3	5.4	337.8	339.1	0.4	48.7	18.8	88.
34.6	83.7	10263.5	275.0	-38.9	-44.0	261.1	22.3	22.1	3.4	338.8	339.9	0.3	58.3	21.0	87.
37.6	88.3	10912.4	250.0	-43.0	99.9	245.8	25.4	23.3	10.0	342.2	999.9	99.9	999.9	26.1	85.
40.0	93.0	11613.9	225.0	-48.4	99.9	247.6	29.4	25.4	12.6	344.4	999.9	99.9	999.9	30.7	82.
42.9	98.3	12377.5	200.0	-54.9	99.9	244.4	23.1	20.9	10.0	345.8	999.9	99.9	999.9	33.7	80.
46.8	104.0	13216.6	175.0	-61.9	99.9	263.6	20.4	20.3	2.3	347.7	999.9	99.9	999.9	39.2	79.
50.7	110.5	14167.6	150.0	-64.7	99.9	255.3	20.5	19.8	5.2	353.7	999.9	99.9	999.9	44.3	79.
54.0	117.7	15259.4	125.0	-70.9	99.9	269.3	10.5	10.5	0.1	365.5	999.9	99.9	999.9	46.4	78.
59.5	126.0	16572.1	100.0	-71.0	99.9	999.9	99.9	99.9	99.9	390.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

26 JUNE 1977  
0 GMT

126 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT FT	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SEEC M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	731.0	922.2	24.0	21.1	120.0	2.6	-2.3	1.3	304.0	350.6	17.4	84.0	0.0	0.
99.9	99.9	66.9	1003.0	59.9	96.6	99.6	99.9	99.9	99.9	59.5	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	14.0	1004.8	903.0	24.9	17.1	999.9	99.9	99.9	99.9	307.2	344.9	13.8	61.9	999.9	999.9
1.4	16.1	1252.6	875.0	24.2	17.3	999.9	99.9	99.9	99.9	309.0	348.5	14.4	65.2	999.9	999.9
2.4	15.4	1507.7	850.0	23.5	16.2	275.7	1.7	1.6	-0.2	310.9	349.3	13.8	63.2	0.7	31.2
3.3	20.6	1747.9	825.0	21.6	14.5	262.7	0.5	0.5	0.1	311.2	346.7	12.7	64.9	0.6	31.5
4.2	22.9	2014.4	800.0	19.7	13.7	267.5	4.9	4.9	0.2	312.2	347.2	12.5	68.4	0.6	32.3
5.0	25.3	2307.8	775.0	18.1	12.7	291.4	4.4	4.3	-0.5	313.2	347.4	12.1	70.8	0.4	35.8
5.7	27.7	2597.8	750.0	14.6	9.5	272.5	3.7	3.7	-0.2	312.4	340.9	10.0	71.8	0.4	12.
6.5	30.3	2874.5	725.0	12.9	11.3	280.6	7.3	7.2	-1.3	313.7	346.8	11.7	85.5	0.6	48.
7.7	32.0	3169.0	700.0	10.4	9.7	277.7	9.7	8.5	-1.2	314.0	345.1	10.9	85.6	0.9	76.
8.9	35.6	3472.1	675.0	8.5	7.7	267.1	17.3	17.2	0.9	315.3	343.6	9.8	93.6	2.0	82.
10.0	39.3	3784.0	650.0	6.5	5.6	263.3	16.8	16.8	0.5	316.3	342.0	8.9	93.9	3.1	84.
10.9	41.0	4105.3	625.0	4.1	3.4	249.0	17.4	17.4	0.3	317.2	340.3	7.9	94.9	4.1	85.
11.9	44.0	4476.3	600.0	1.6	0.9	272.1	13.5	13.8	-0.5	318.0	339.9	99.9	99.9	5.1	86.
12.8	47.1	4779.7	575.0	0.5	-5.3	276.9	12.6	12.5	-1.5	320.5	334.3	4.5	65.2	5.6	87.
13.8	50.3	5174.9	550.0	-1.4	-8.5	274.5	15.1	15.1	-1.2	322.5	333.6	3.5	56.3	6.5	88.
15.0	53.4	5594.2	525.0	-4.1	-10.8	273.9	13.5	13.5	-0.9	323.6	333.7	3.2	55.4	7.5	89.
15.1	55.7	5977.6	500.0	-6.0	-12.7	276.0	10.8	10.8	-1.1	324.8	334.0	2.9	62.3	8.4	90.
17.4	60.7	6264.7	475.0	-9.3	-15.2	274.6	17.0	16.9	-1.4	326.5	331.6	1.6	39.2	9.3	90.
19.7	64.0	6732.8	450.0	-11.2	-18.9	271.7	21.0	21.0	-0.6	329.2	331.9	0.8	21.5	10.9	91.
20.0	67.7	7130.6	425.0	-14.3	-21.5	266.8	19.4	19.3	1.1	330.7	335.1	1.6	54.0	12.4	91.
21.2	71.7	7597.4	400.0	-15.6	-22.4	269.4	19.2	19.2	0.2	332.5	335.7	0.6	23.9	13.8	90.
22.8	75.6	8072.7	375.0	-20.2	-23.2	269.1	21.0	21.0	0.7	334.9	340.3	1.6	76.8	15.8	90.
24.5	80.0	8547.1	350.0	-23.5	-27.4	265.0	23.8	23.7	2.1	337.1	341.9	1.1	70.0	18.0	90.
25.1	84.7	9125.0	325.0	-27.7	-30.6	257.2	26.0	25.3	5.2	338.6	341.9	0.9	75.5	20.3	89.
27.7	89.8	9695.8	300.0	-32.2	-36.1	251.7	32.0	30.4	10.1	339.9	342.1	0.6	67.9	23.0	87.
29.9	94.0	10304.1	275.0	-36.9	-41.2	251.5	30.2	28.6	9.6	341.9	342.3	0.4	63.6	27.2	85.
32.3	99.0	10957.7	250.0	-41.0	-49.5	255.2	31.9	30.7	9.1	343.7	343.3	99.9	59.9	31.8	83.
34.6	104.5	11643.3	225.0	-47.1	-58.9	264.7	47.4	45.8	12.5	346.6	346.9	99.9	99.9	36.7	82.
37.2	110.4	12413.0	200.0	-51.3	-69.9	251.5	52.5	51.2	10.4	351.5	349.9	99.9	99.9	42.0	80.
39.7	115.5	13267.7	175.0	-56.2	-81.9	251.2	59.5	58.2	9.9	353.8	349.9	99.9	99.9	46.5	80.
43.3	123.7	14264.6	150.0	-64.0	-90.9	249.7	29.4	28.0	10.3	359.9	349.9	99.9	99.9	52.0	78.
47.2	133.3	15484.1	125.0	-67.6	-99.9	253.7	34.5	33.5	6.9	372.7	349.9	99.9	99.9	57.9	78.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

26 JUNE 1977  
300 GMT

119 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	873.0	914.0	24.4	18.8	100.0	7.9	-7.8	1.4	305.3	346.3	15.2	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	13.9	1008.6	900.0	23.1	19.9	101.0	6.9	-6.8	1.3	305.4	350.0	16.6	82.2	0.2	269.
1.4	15.9	1256.1	875.0	24.0	17.8	139.7	3.7	-2.4	2.8	308.7	349.5	14.9	68.3	0.4	282.
2.4	16.1	1510.0	850.0	23.0	15.3	187.5	4.1	0.5	4.1	310.2	346.5	13.0	62.0	0.6	300.
3.6	20.3	1770.4	825.0	21.2	15.0	201.1	7.3	2.5	6.8	311.0	347.7	13.1	67.7	0.8	332.
4.8	22.5	2036.7	800.0	18.8	14.8	211.0	8.4	4.3	7.2	311.2	348.6	13.4	77.8	1.2	354.
5.8	24.8	2309.2	775.0	16.8	14.0	218.2	9.7	5.0	7.6	311.9	348.5	13.1	83.5	1.7	7.
5.8	27.0	2599.5	750.0	14.3	11.4	236.3	9.2	7.5	5.1	312.1	344.4	11.4	82.8	2.1	16.
7.8	29.5	2874.8	725.0	11.8	10.5	254.2	7.2	6.9	2.0	312.5	343.9	11.1	91.6	2.5	25.
8.8	32.0	3158.5	700.0	10.0	9.1	269.0	5.3	5.8	0.1	313.6	343.3	10.4	99.9	2.7	32.
9.9	34.6	3471.3	675.0	8.3	7.1	273.4	7.5	7.5	-0.5	314.9	342.1	9.5	92.2	2.9	38.
10.7	37.0	3792.6	650.0	6.3	1.7	273.2	10.2	10.2	-0.6	316.1	335.8	6.7	72.7	3.2	45.
11.5	39.7	4103.7	625.0	4.2	-2.5	275.7	12.1	12.0	-1.2	317.3	332.6	5.1	61.5	3.6	52.
12.4	42.1	4434.9	600.0	2.1	-5.8	282.4	12.4	12.1	-2.7	318.6	331.3	4.2	55.8	4.1	59.
13.6	45.0	4777.0	575.0	-0.8	-7.3	290.6	13.6	13.4	-2.5	319.1	330.9	3.8	61.2	4.9	66.
14.9	48.0	5131.1	550.0	-3.1	-9.8	280.3	16.5	16.3	-2.9	320.4	330.7	3.3	60.1	5.7	73.
16.3	50.8	5499.4	525.0	-4.6	-15.7	277.2	16.5	16.4	-2.1	322.9	329.8	2.1	41.7	7.1	78.
17.8	53.9	5891.7	500.0	-6.0	-20.2	281.3	13.0	12.8	-2.6	325.7	328.1	0.7	14.2	8.4	81.
19.4	56.8	6281.6	475.0	-8.1	-47.3	274.1	10.7	10.6	-1.1	328.0	328.5	0.1	3.0	9.4	84.
20.9	59.1	6699.4	450.0	-10.5	-50.6	284.7	9.7	9.4	-2.5	330.0	330.3	0.1	2.1	10.4	84.
22.5	63.5	7176.0	425.0	-14.5	-52.0	291.0	9.0	9.4	-3.2	330.4	330.7	0.1	2.4	11.1	87.
24.3	66.9	7591.8	400.0	-18.3	-41.4	281.3	12.6	12.3	-2.5	331.2	332.2	0.2	11.1	12.2	88.
26.4	70.5	8071.3	375.0	-21.4	-53.9	272.3	15.7	16.7	-0.7	333.3	333.6	0.1	3.5	14.1	89.
29.7	74.7	8577.7	350.0	-23.7	-53.2	254.0	19.7	19.1	5.1	335.8	337.1	0.1	4.7	16.5	89.
31.1	78.3	9114.6	325.0	-27.3	-53.8	252.5	23.1	22.0	5.9	338.4	338.7	0.1	6.2	19.6	86.
33.6	82.4	9684.8	300.0	-32.2	-56.6	250.7	24.1	22.7	9.0	340.0	340.2	0.1	6.8	23.1	84.
36.1	86.7	10292.5	275.0	-36.9	-50.7	246.5	21.5	23.1	7.9	341.8	342.5	0.2	28.8	26.7	82.
39.7	91.6	10944.7	250.0	-41.8	99.9	249.2	21.1	19.7	7.5	343.9	999.9	99.9	999.9	29.7	81.
41.1	96.4	11650.4	225.0	-47.2	99.9	257.8	20.7	20.2	4.4	346.2	999.9	99.9	999.9	32.5	80.
44.3	101.8	12413.7	200.0	-53.4	99.9	249.6	20.1	18.8	7.0	348.2	999.9	99.9	999.9	36.3	79.
48.0	107.9	13267.5	175.0	-58.4	99.9	238.7	16.4	14.0	8.5	353.6	999.9	99.9	999.9	39.8	78.
51.2	114.5	14219.9	150.0	-66.4	99.9	244.7	16.4	14.9	7.0	355.3	999.9	99.9	999.9	42.8	77.
54.7	122.0	15304.0	125.0	-74.2	99.9	208.7	7.7	3.7	5.8	360.6	999.9	99.9	999.9	45.8	77.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 330  
POST, TEXAS

26 JUNE 1977  
300 GMT

118 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED W/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	771.0	936.5	23.8	20.8	200.0	1.6	0.5	1.5	303.5	349.3	17.1	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	995.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.9	755.2	925.0	23.8*	20.7	999.0	99.9	99.9	99.9	303.7	348.9	16.9	82.9	999.9	999.9
0.9	15.1	1015.8	900.0	24.2	17.9	175.3	7.6	-0.6	7.6	306.5	346.0	14.5	67.6	0.3	3.
1.8	17.1	1273.4	875.0	23.0	17.5	171.5	6.3	-0.9	6.3	307.7	347.5	14.6	71.3	0.5	359.
2.8	19.4	1326.2	850.0	21.0	16.3	20.7	0.4	-0.1	-0.3	303.2	346.3	13.9	74.1	0.6	355.
3.8	21.5	1735.1	825.0	20.0	13.0	326.1	2.6	1.5	-2.2	309.7	341.9	11.6	64.3	0.5	360.
4.7	23.8	2049.9	800.0	17.9	11.0	331.3	3.0	1.5	-2.7	310.2	339.4	10.4	63.9	0.4	14.
5.7	26.0	2320.8	775.0	15.3	9.5	354.9	3.4	0.3	-3.4	310.2	337.5	9.7	68.3	0.2	34.
6.9	28.4	2589.4	750.0	13.0	7.5	326.9	5.2	2.9	-4.4	310.7	335.6	8.8	65.2	0.2	100.
9.0	30.9	2857.2	725.0	11.8	5.4	318.9	6.5	4.3	-4.9	312.4	334.8	7.8	65.0	0.7	131.
9.0	33.4	3126.4	700.0	9.0	3.2	303.6	5.3	4.4	-2.9	312.5	332.4	6.9	66.8	1.0	130.
10.2	35.8	3395.9	675.0	7.2	0.0	286.7	6.0	5.8	-1.5	313.7	330.5	5.7	66.5	1.4	126.
11.3	38.3	3785.9	650.0	5.0	-1.9	276.8	9.3	9.2	-1.1	314.5	330.0	5.2	61.5	1.8	119.
12.6	40.8	4184.7	625.0	2.4	-1.9	272.7	12.3	12.3	-0.6	315.2	331.1	5.4	73.5	2.6	111.
13.8	43.6	4714.1	600.0	1.0	-6.7	286.4	13.2	12.7	-3.7	317.3	329.1	3.9	56.5	3.6	107.
15.1	46.4	5275.3	575.0	-1.3	-9.6	297.0	13.9	12.7	-5.6	318.5	329.2	3.5	57.2	4.6	108.
16.4	49.3	5839.9	550.0	-2.6	-17.0	294.1	14.9	13.6	-6.1	321.0	327.0	1.9	32.3	5.7	110.
18.0	52.1	6494.1	525.0	-5.1	-23.1	287.1	16.7	16.0	-4.9	322.5	325.1	1.1	22.7	7.1	110.
19.5	55.2	7248.4	500.0	-7.4	-15.3	281.5	18.1	17.8	-3.6	324.0	321.5	2.3	52.9	8.9	109.
21.1	58.1	8098.9	475.0	-9.3	-24.9	282.7	15.0	14.7	-3.3	327.1	320.8	1.1	25.7	10.3	108.
22.5	61.5	8950.0	450.0	-10.4	-32.3	284.4	12.6	12.1	-3.6	330.0	322.0	0.6	14.9	11.6	107.
24.0	64.9	9811.5	425.0	-13.5	-36.8	292.1	11.2	10.4	-4.2	331.3	322.7	0.4	12.2	12.7	107.
25.9	68.1	10686.6	400.0	-18.0	-41.6	293.5	13.2	12.4	-4.6	331.5	322.4	0.2	10.2	13.9	108.
27.4	71.7	11569.9	375.0	-22.5	-43.4	292.5	14.8	14.5	-3.2	331.8	322.6	0.2	12.8	15.3	108.
29.4	75.5	12469.4	350.0	-25.8	-49.7	271.8	19.3	18.3	-0.6	333.9	324.4	0.1	6.5	17.3	107.
31.8	79.5	13377.7	325.0	-30.2	-54.2	263.0	19.1	19.0	2.3	335.4	335.4	0.1	7.5	19.8	104.
34.4	83.5	14288.5	300.0	-33.7	-55.6	257.9	21.9	21.4	4.6	337.9	338.1	0.1	7.9	22.7	101.
36.8	87.7	15203.4	275.0	-38.3	-55.8	245.1	22.7	20.6	9.5	339.7	339.9	0.0	8.3	25.6	97.
39.3	92.4	16122.3	250.0	-42.9	-59.9	243.2	23.4	22.6	11.4	342.3	339.9	99.9	998.9	29.6	92.
43.2	97.3	17043.1	225.0	-45.5	99.9	245.7	24.1	25.6	11.5	344.2	339.9	99.9	995.9	34.0	89.
46.0	102.5	17968.8	200.0	-54.4	99.9	234.8	24.3	21.5	15.2	345.6	339.9	99.9	999.9	38.0	85.
49.6	108.5	18901.9	175.0	-60.6	99.9	239.4	23.7	24.4	15.0	350.0	339.9	99.9	998.9	43.0	81.
53.4	114.7	19831.7	150.0	-66.1	99.9	240.5	23.2	23.6	8.8	356.2	339.9	99.9	999.9	48.8	80.
57.6	121.5	20769.0	125.0	-71.4	99.9	248.4	24.7	23.0	9.1	365.7	339.9	99.9	999.9	55.3	78.
62.9	129.0	21714.6	100.0	-70.6	99.9	249.9	24.9	22.4	99.9	391.3	339.9	99.9	998.9	599.9	599.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	92.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	95.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 55C  
BIG SPRING, TEXAS

26 JUNE 1977  
300 GMT

122 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GOM	PRES HR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PGT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	791.0	924.1	21.0	19.8	150.0	2.1	-1.0	1.8	300.9	343.2	16.0	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	14.5	1011.1	900.0	22.8	18.1	009.9	99.9	99.9	99.9	305.1	344.9	14.7	74.6	999.9	999.9
1.5	16.6	1258.2	875.0	23.6	15.0	999.9	99.9	99.9	99.9	308.3	342.6	12.4	55.6	999.9	999.9
2.5	19.9	1511.3	850.0	22.0	13.9	160.5	3.3	-1.1	3.1	309.2	342.2	11.9	60.0	1.1	357.
3.2	21.0	1770.6	825.0	20.4	14.9	123.6	3.0	-2.5	1.7	310.1	346.4	13.1	70.8	1.2	354.
4.2	23.4	2074.2	800.0	18.3	13.2	43.1	1.6	-1.1	-1.2	310.6	344.4	12.1	72.5	1.2	347.
5.1	25.8	2309.7	775.0	17.1	13.1	328.5	2.0	1.1	-1.7	312.3	347.1	12.4	77.3	1.1	347.
5.1	28.1	2588.4	750.0	14.9	12.8	265.8	5.2	5.6	-2.7	312.8	347.9	12.5	87.1	1.0	354.
7.1	30.7	2875.5	725.0	12.9	11.5	232.5	8.0	7.9	-1.7	313.7	347.4	11.9	91.1	0.9	21.
8.1	33.3	3170.6	700.0	11.1	9.5	262.9	9.7	9.6	1.2	314.7	345.5	10.8	90.3	1.1	48.
9.2	35.8	3474.0	675.0	9.2	1.7	284.1	15.2	14.8	-3.7	315.0	335.1	6.5	59.6	1.9	60.
10.4	38.5	3745.4	650.0	7.2	-0.5	291.9	17.7	16.4	-6.6	317.1	334.2	5.7	58.1	2.9	83.
11.7	41.0	4107.6	625.0	4.4	-1.9	289.8	17.1	16.1	-5.8	317.4	333.5	5.4	63.9	4.1	91.
12.9	43.9	4470.3	600.0	2.4	-4.1	293.4	13.8	12.7	-5.5	318.9	333.3	4.7	62.0	5.1	96.
14.1	46.9	4792.2	575.0	0.3	-6.8	291.1	16.2	15.2	-5.8	320.3	332.7	4.0	59.1	6.1	98.
15.2	49.9	5177.7	550.0	-1.6	-8.4	285.2	19.3	18.5	-5.0	322.2	333.7	3.7	59.9	7.3	100.
16.4	52.8	5505.6	525.0	-4.6	-9.6	291.3	18.2	17.3	-3.6	322.9	333.7	3.4	66.2	8.7	100.
17.7	55.9	5899.2	500.0	-7.1	-12.4	281.6	18.2	17.8	-3.7	324.4	332.8	2.9	65.6	10.1	101.
19.1	59.1	6299.0	475.0	-9.8	-13.2	285.4	20.3	19.6	-5.4	327.1	332.4	1.9	46.3	11.8	101.
20.6	62.5	6704.0	450.0	-10.1	-29.2	295.8	19.2	17.2	-5.8	330.2	333.3	0.9	22.6	13.5	102.
22.0	65.9	7143.9	425.0	-13.1	-56.0	279.7	18.7	18.5	-3.2	332.2	332.5	0.1	1.8	15.0	102.
23.4	69.5	7602.6	400.0	-16.8	-40.9	276.8	21.5	21.4	-2.5	333.2	334.2	0.3	10.4	16.7	102.
24.9	73.0	8084.3	375.0	-19.3	-42.2	270.5	23.6	23.6	-0.2	336.1	336.2	0.0	1.0	18.7	101.
26.2	77.0	8597.7	350.0	-23.7	-65.0	257.9	25.7	25.1	5.4	336.9	336.9	0.0	1.0	20.5	99.
27.5	80.9	9172.0	325.0	-26.3	-64.5	254.4	27.4	26.4	7.4	340.4	340.5	0.0	1.4	22.5	97.
29.0	85.3	9745.3	300.0	-30.8	-53.8	248.9	28.7	26.8	10.4	342.0	342.4	0.1	8.5	24.8	95.
30.5	89.6	10314.2	275.0	-36.1	-46.3	244.4	29.7	25.9	12.4	342.9	343.8	0.2	36.0	27.2	92.
32.5	94.6	10973.4	250.0	-39.8	99.9	240.5	31.6	27.6	15.4	343.9	343.9	99.9	999.9	30.2	89.
34.5	99.5	11695.2	225.0	-45.4	99.9	235.7	33.8	27.9	19.0	348.9	999.9	99.9	999.9	32.6	85.
36.9	105.0	12467.6	200.0	-51.8	99.9	224.7	35.0	25.3	25.6	350.8	999.9	99.9	999.9	37.9	81.
40.4	111.0	13312.9	175.0	-58.4	99.9	217.9	25.7	15.8	20.3	353.2	999.9	99.9	999.9	43.5	75.
43.1	117.5	14268.2	150.0	-65.0	99.9	236.3	22.6	21.9	5.3	359.2	999.9	99.9	999.9	47.0	75.
45.8	125.0	15345.6	125.0	-67.7	99.9	999.9	99.9	99.9	99.9	372.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

27 JUNE 1977  
1445 GMT

120 100. 0

TIME MIN	CNTCT	HFIGHT GOM	PRES MB	TEMP DG C	DEWPT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	973.0	913.3	20.3	10.4	195.0	5.2	1.4	5.1	301.2	325.0	8.7	53.0	0.0	0.
99.9	99.9	96.9	1000.0	99.9	99.9	90.9	99.5	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.5	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	14.3	1001.2	900.0	24.4	15.8	999.7	99.9	99.9	99.9	305.7	341.4	12.7	58.5	999.9	999.9
1.2	15.2	1244.7	875.0	24.4	13.0	999.9	99.9	99.9	99.9	309.2	339.5	10.9	45.2	995.9	999.9
2.1	16.5	1507.9	850.0	26.9	11.0	266.7	2.6	2.5	0.1	314.2	342.2	9.8	37.3	0.7	29.
2.9	20.7	1767.1	825.0	25.6	9.0	171.5	2.0	-0.3	1.9	315.6	341.1	8.8	35.1	0.7	33.
3.9	23.0	2074.7	800.0	23.6	7.4	159.2	3.4	-1.2	3.2	316.4	340.0	8.1	35.2	0.8	24.
4.8	25.3	2313.1	775.0	21.2	6.3	155.5	4.2	-1.7	3.5	316.6	339.4	7.8	37.8	1.0	14.
5.8	27.6	2595.9	750.0	18.6	4.9	151.6	4.2	-2.0	3.7	316.9	338.3	7.3	40.5	1.2	6.
6.7	30.1	2985.3	725.0	16.1	0.7	179.8	4.0	-2.6	3.0	317.1	337.7	5.6	35.2	1.4	0.
7.8	32.7	3187.7	700.0	14.0	-3.3	112.4	3.3	-3.1	1.3	318.0	331.0	4.3	26.0	1.5	35.3
8.9	35.7	3497.5	675.0	11.1	-2.3	74.0	3.0	-3.0	-0.7	318.0	330.6	4.1	22.8	1.6	34.5
9.9	37.9	3800.9	650.0	8.1	-3.4	44.4	3.0	-2.1	-3.2	315.2	332.0	4.6	43.8	1.6	33.8
11.1	40.5	4127.4	625.0	5.4	-3.8	350.6	3.4	0.6	-3.4	315.5	332.8	4.7	51.8	1.4	33.2
12.2	43.1	4455.7	600.0	2.6	-4.9	323.9	5.0	3.0	-4.0	319.2	332.7	4.4	57.4	1.1	33.2
13.4	46.0	4799.4	575.0	-0.5	-6.3	310.4	6.0	4.6	-2.9	319.4	329.6	3.3	51.1	0.7	34.1
14.6	49.0	5157.7	550.0	-3.7	-11.9	291.4	6.5	6.1	-2.4	320.2	329.0	2.8	51.2	0.5	14.
15.9	51.9	5519.0	525.0	-6.4	-15.4	275.3	9.8	5.6	-3.1	321.7	329.9	99.9	999.9	0.9	77.
17.3	55.0	5900.7	500.0	-9.6	-18.0	257.6	6.4	0.7	-5.4	323.7	332.0	2.6	60.0	1.0	13.3
19.7	59.0	6307.1	475.0	-13.7	-17.6	227.0	3.9	2.2	-3.3	324.7	331.3	2.0	56.8	1.4	33.5
20.2	61.4	6710.9	450.0	-17.5	-25.7	264.2	2.6	2.5	0.3	325.3	329.6	1.0	33.1	1.6	13.2
21.9	64.9	7143.1	425.0	-16.0	-33.9	289.2	3.8	2.5	-0.9	327.4	330.3	0.8	34.6	1.9	13.4
23.4	69.3	7597.0	400.0	-13.1	-30.1	265.1	3.0	0.3	-3.0	330.2	333.0	0.8	36.9	2.1	13.8
25.0	71.9	8074.7	375.0	-23.5	-35.6	341.3	4.5	1.4	-4.2	331.8	333.6	0.5	28.9	2.3	13.4
26.7	75.8	8574.5	350.0	-26.9	-41.1	313.5	5.9	4.3	-4.1	332.5	334.4	0.5	40.7	2.9	13.7
29.5	80.0	9104.0	325.0	-30.1	-42.5	307.2	6.0	4.8	-3.7	335.2	336.2	0.3	28.3	3.5	13.4
30.4	84.0	9671.6	300.0	-34.9	-45.1	337.4	5.9	2.3	-4.4	336.2	337.1	0.2	34.3	4.1	13.5
32.6	88.4	10372.6	275.0	-39.5	99.9	353.0	7.2	0.9	-4.2	338.0	999.9	99.9	999.9	5.0	14.1
34.7	93.4	10916.3	250.0	-44.7	99.9	344.3	7.0	1.9	-5.2	339.7	999.9	99.9	995.9	5.7	14.6
37.0	98.4	11517.1	225.0	-50.6	99.9	330.5	3.7	4.3	-7.5	341.1	999.9	99.9	995.9	6.8	14.7
39.3	103.8	12171.9	200.0	-55.5	99.9	318.5	15.7	10.4	-11.8	345.0	999.9	99.9	995.9	8.3	14.6
42.3	110.0	12714.0	175.0	-59.7	99.9	311.1	24.7	18.5	-13.2	351.4	999.9	99.9	995.9	12.2	13.3
45.5	115.2	14174.7	150.0	-63.0	99.9	312.7	27.0	19.9	-13.3	361.6	999.9	99.9	995.9	17.3	13.9
49.1	123.9	15295.5	125.0	-67.1	99.9	319.4	14.5	9.4	-11.0	373.5	999.9	99.9	999.9	21.9	13.9
53.6	132.0	16673.1	100.0	-67.7	99.9	699.9	99.9	99.9	99.9	396.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	995.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

27 JUNE 1977  
1500 SMT

116 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT Gpm	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U M/SEC	V M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	771.0	925.2	28.9	20.5	150.0	1.0	0.2	1.0	308.9	355.6	17.1	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.4	772.9	925.0	28.8	20.8	999.9	99.9	99.9	99.9	308.8	355.4	17.0	62.1	999.9	999.9
0.9	15.6	1015.6	900.0	28.9	18.6	999.9	99.9	99.9	99.9	307.1	348.7	15.2	68.4	999.9	999.9
1.9	17.9	1262.3	875.0	22.4	14.8	999.9	99.9	99.9	99.9	307.1	340.7	12.2	62.1	999.9	999.9
3.3	20.2	1517.1	850.0	26.9	11.4	230.3	6.7	5.1	4.3	314.3	343.0	10.0	37.9	0.5	40.
4.5	22.4	1781.7	825.0	26.5	10.4	220.4	6.7	4.3	5.1	316.6	344.7	9.7	36.6	1.4	41.
5.7	24.8	2051.9	800.0	26.1	10.0	225.1	5.6	4.0	3.9	317.0	345.1	9.7	40.4	1.9	41.
6.7	27.1	2322.2	775.0	20.9	8.8	234.2	4.0	3.3	2.4	316.3	343.1	9.3	45.8	2.2	42.
7.8	29.4	2610.3	750.0	17.1	6.9	245.9	2.6	2.3	1.0	315.2	339.4	8.4	51.1	2.3	44.
9.0	32.2	2902.4	725.0	15.4	6.2	231.2	4.2	3.3	2.6	316.3	340.4	8.3	54.3	2.5	45.
10.2	34.8	3194.1	700.0	13.0	4.0	217.7	4.0	2.6	3.3	316.9	338.5	7.3	54.4	2.9	45.
11.2	37.2	3501.0	675.0	10.3	2.7	215.0	4.0	2.3	3.2	317.2	337.5	6.9	55.0	3.1	44.
12.4	39.9	3813.6	650.0	7.3	0.0	245.6	4.5	4.1	1.9	317.2	334.9	5.9	55.9	3.4	44.
13.6	42.4	4135.4	625.0	4.2	-2.7	260.8	5.1	5.1	0.8	317.3	332.4	5.0	60.7	3.7	47.
14.9	45.3	4456.2	600.0	1.3	-5.8	272.5	5.3	5.8	-0.3	317.7	330.3	4.1	58.9	4.0	51.
16.1	48.1	4782.5	575.0	0.9	-15.5	291.4	7.6	7.1	-2.6	320.9	325.8	1.5	21.3	4.4	55.
17.5	50.9	5167.9	550.0	-2.0	-22.9	307.9	9.4	6.6	-5.2	321.7	325.4	1.1	18.4	4.7	63.
18.7	54.0	5571.4	525.0	-4.7	-29.9	316.7	5.7	4.5	-4.8	322.8	325.8	0.9	17.0	5.0	70.
20.2	56.9	5913.7	500.0	-7.1	-29.2	321.7	4.6	2.9	-3.6	324.3	326.7	0.7	15.2	5.1	75.
21.6	60.0	6311.4	475.0	-9.1	-31.8	323.5	3.4	2.0	-2.7	326.7	325.6	0.6	13.9	5.3	78.
23.2	63.3	6727.5	450.0	-11.9	-32.6	320.7	3.1	1.6	-2.7	328.3	330.2	0.5	16.0	5.4	81.
24.8	66.5	7161.9	425.0	-15.6	-36.7	354.5	3.0	0.3	-3.9	329.2	330.5	0.4	14.2	5.5	84.
26.6	70.0	7615.7	400.0	-18.6	-37.2	1.1	3.6	-0.1	-3.6	329.5	330.9	0.4	15.1	5.4	88.
29.4	73.4	8091.7	375.0	-23.4	-42.6	353.6	5.0	0.4	-5.0	330.7	332.2	0.4	25.8	5.4	93.
30.1	77.2	8593.5	350.0	-27.3	-42.6	353.6	6.1	0.7	-5.0	331.9	332.9	0.2	21.7	5.5	98.
32.0	81.0	9122.2	325.0	-31.1	-47.0	2.7	7.1	-0.3	-7.1	333.8	334.5	0.2	15.1	5.7	106.
34.1	85.0	9684.5	300.0	-35.4	-50.5	356.1	9.0	0.6	-8.0	335.5	335.9	0.1	19.4	6.0	115.
36.5	89.2	10255.0	275.0	-40.4	99.6	4.5	10.5	-3.8	-10.4	337.7	999.9	99.9	955.5	6.7	125.
39.9	93.9	10827.2	250.0	-45.6	99.9	2.5	8.8	-3.6	-9.0	338.3	999.9	99.9	999.9	7.5	135.
41.5	98.4	11439.3	225.0	-51.6	99.9	5.1	4.6	-0.4	-4.6	339.4	999.9	99.9	999.9	7.8	142.
44.3	103.4	12076.3	200.0	-56.5	93.9	311.9	7.0	3.3	-5.2	343.4	999.9	99.9	999.9	8.7	144.
47.3	109.0	12712.7	175.0	-60.6	93.9	314.3	16.4	11.7	-11.5	345.9	999.9	99.9	999.9	10.6	143.
51.0	115.0	14173.7	150.0	-61.5	96.6	330.2	13.1	6.5	-11.4	364.2	999.9	99.9	999.9	14.6	143.
55.1	121.5	15292.0	125.0	-64.7	96.6	999.9	99.9	99.9	99.9	377.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

27 JUNE 1977  
1454 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PPES WS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.1	595.0	545.5	29.0	20.6	193.0	2.6	0.0	2.6	306.1	350.5	16.4	64.0	0.0	0.
59.9	93.9	65.6	1009.0	59.5	93.9	93.9	99.9	99.9	99.9	99.9	995.9	99.9	955.5	599.9	999.
99.9	97.9	98.0	975.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	12.8	743.7	593.0	23.1	16.0	99.9	99.9	99.9	99.9	302.9	336.6	12.5	64.3	999.9	999.
1.8	15.1	1007.5	503.0	21.9	14.4	210.4	5.6	3.3	5.6	304.1	335.6	11.6	62.6	0.5	21.
3.1	17.2	1253.2	575.0	24.1	11.7	212.0	10.2	6.4	10.2	303.9	336.6	9.9	44.6	1.4	27.
4.2	19.5	1505.9	650.0	23.2	10.6	229.1	5.6	6.4	5.6	310.4	337.2	9.5	45.9	2.1	31.
5.4	21.6	1745.8	825.0	22.3	7.0	226.0	2.7	4.0	2.7	312.2	334.3	7.7	37.3	2.4	36.
6.5	24.0	2037.4	803.0	20.3	3.4	214.6	4.0	2.8	4.0	312.8	320.7	6.1	32.7	2.8	36.
7.7	26.2	2305.6	775.0	18.1	2.2	207.0	4.7	2.4	4.7	313.3	331.0	6.1	35.8	3.1	36.
8.9	28.7	2584.7	753.0	16.4	-1.2	170.9	3.2	-0.5	3.2	314.3	328.3	4.7	30.1	3.4	34.
10.2	31.3	2873.4	725.0	13.8	-0.9	156.4	2.4	-1.0	2.2	314.6	329.3	5.0	36.4	3.5	31.
11.6	33.9	3147.7	703.0	10.9	0.6	170.9	1.8	-1.4	1.2	314.5	331.3	5.7	45.2	3.6	28.
13.0	36.3	3463.7	675.0	7.9	-0.6	98.1	1.6	-1.6	-0.2	314.4	330.6	5.5	55.3	3.6	26.
14.4	39.0	3770.7	653.0	4.7	-2.5	70.7	2.0	-1.0	-1.7	314.3	328.9	4.9	59.3	3.5	25.
15.0	41.6	4060.7	625.0	1.9	-3.3	49.6	1.6	-1.2	-1.1	314.7	329.0	4.8	68.3	3.3	25.
17.3	44.3	4424.9	600.0	-0.7	-6.4	39.7	0.5	-0.2	-0.4	315.4	327.3	4.0	65.1	3.2	24.
18.6	47.3	4784.3	574.0	-1.6	-17.6	33.6	1.6	0.1	-1.6	314.1	323.5	1.7	28.2	3.1	25.
20.7	50.2	5114.8	550.0	-4.1	-20.5	28.6	1.4	1.3	-0.5	314.3	323.7	1.3	26.2	3.0	27.
22.9	53.0	5487.6	525.0	-6.5	-27.0	22.1	1.2	1.2	-1.7	320.6	323.3	0.8	17.8	3.0	32.
25.1	56.0	5852.7	500.0	-9.3	-33.2	16.9	2.5	0.5	-2.4	331.7	323.3	0.5	12.2	2.9	34.
27.2	59.3	6259.3	475.0	-11.7	-43.9	12.6	5.0	1.5	-4.8	324.0	324.6	0.2	4.8	2.6	44.
29.4	62.6	6670.9	450.0	-14.0	-48.5	37.3	5.6	2.2	-5.1	325.6	326.0	0.1	3.5	2.4	60.
31.8	65.9	7131.4	425.0	-18.0	-49.1	35.2	7.1	0.7	-7.1	325.9	326.4	0.1	5.1	2.3	82.
34.3	69.4	7550.9	400.0	-22.0	-47.8	5.9	7.7	-0.8	-7.6	326.4	326.9	0.1	7.6	2.4	108.
36.9	72.9	8022.3	375.0	-23.5	-49.9	6.2	6.6	-0.7	-6.5	327.8	328.3	0.1	5.0	2.3	132.
39.9	75.7	8519.5	350.0	-29.2	-47.0	341.1	7.5	2.4	-7.1	329.4	335.3	0.2	24.9	3.8	142.
42.9	80.6	9044.9	325.0	-32.3	-47.6	311.2	7.6	2.5	-7.2	331.4	332.0	0.2	20.9	5.2	148.
46.0	84.8	9407.7	303.0	-36.7	-52.3	225.8	7.4	4.1	-5.1	333.7	334.1	0.1	16.5	6.6	149.
49.6	89.0	10200.1	275.0	-41.3	99.0	330.5	7.4	2.5	-6.5	335.4	339.9	99.9	999.9	8.2	149.
53.2	93.8	10940.3	250.0	-46.6	99.9	330.5	7.4	2.5	-7.0	336.8	336.8	99.9	999.9	9.8	150.
57.4	98.6	11531.7	225.0	-51.5	99.9	331.2	5.9	3.7	-4.6	339.5	339.5	99.9	999.9	11.1	150.
61.7	104.0	12287.2	200.0	-56.7	99.9	332.1	4.4	5.1	-6.6	343.1	339.9	99.9	999.9	13.0	149.
64.2	110.0	13124.5	175.0	-60.0	99.9	333.4	20.7	12.4	-16.7	333.9	339.9	99.9	999.9	16.6	148.
71.4	116.0	14154.4	150.0	-63.7	99.9	335.3	19.0	12.6	-14.2	333.3	339.9	99.9	999.9	23.8	146.
77.3	123.3	15184.5	125.0	-67.1	99.9	336.0	59.9	59.9	99.9	373.5	339.9	99.9	999.9	999.9	999.
83.8	130.8	16570.6	100.0	-70.5	99.9	565.9	99.9	99.9	99.9	301.6	339.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

27 JUNE 1977  
1500 GMT

116 105. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	781.0	923.0	26.5	20.1	220.0	7.4	4.8	5.7	306.6	350.9	16.3	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	15.3	1007.6	900.0	23.7	19.0	999.9	99.9	99.9	99.9	305.9	348.3	15.6	75.1	999.9	999.9
1.5	17.2	1250.2	875.0	23.9	16.1	999.9	99.9	99.9	99.9	308.5	345.3	13.3	62.2	999.9	999.9
2.3	19.5	1505.8	850.0	26.4	17.5	197.2	5.8	1.7	5.5	313.8	356.0	15.0	58.2	1.3	47.
3.3	21.6	1760.5	825.0	25.0	16.0	187.6	6.0	0.8	6.0	315.0	354.7	14.0	57.5	1.5	39.
4.1	23.8	2079.6	800.0	23.3	14.0	169.8	4.5	-0.8	4.4	315.9	352.2	12.7	56.1	1.8	33.
5.2	26.2	2315.4	775.0	20.1	11.5	170.5	4.2	-0.7	4.1	315.4	347.2	11.1	57.5	1.9	27.
6.2	28.4	2579.1	750.0	17.5	9.0	149.4	2.3	-1.2	2.0	315.7	343.5	9.7	57.0	2.1	24.
7.2	30.9	2877.2	725.0	15.2	6.5	156.3	1.8	-0.4	1.7	316.1	340.6	8.4	56.2	2.1	21.
8.1	33.4	3193.7	700.0	12.5	3.9	172.0	0.8	-0.1	0.8	316.3	337.7	7.3	55.8	2.3	21.
9.1	36.0	3487.7	675.0	9.7	1.5	171.3	1.0	-0.2	1.0	316.5	335.3	6.4	56.8	2.2	20.
9.9	38.4	3800.0	650.0	6.6	-1.0	136.3	0.9	-0.6	0.7	316.4	332.7	5.5	58.2	2.3	19.
11.1	41.1	4120.7	625.0	3.6	-2.5	36.1	1.5	-0.9	-1.2	316.6	331.9	5.1	64.0	2.2	18.
12.3	43.7	4451.5	600.0	2.1	-5.7	297.0	2.6	2.3	-1.2	318.5	331.3	4.2	56.5	2.2	18.
13.4	46.6	4794.2	575.0	-0.1	-9.5	309.4	5.7	4.4	-3.6	319.9	330.0	3.2	49.2	2.2	27.
14.6	49.5	5148.3	550.0	-2.9	-13.3	324.5	6.5	3.4	-5.6	320.7	329.2	2.7	46.0	2.0	33.
15.8	52.3	5515.7	525.0	-5.0	-14.5	339.7	7.9	2.8	-7.5	322.5	330.1	2.4	47.0	1.8	54.
17.0	55.4	5897.5	500.0	-7.7	-17.7	331.9	5.6	2.5	-5.0	323.7	329.9	1.9	44.3	1.8	70.
18.2	58.4	6295.2	475.0	-10.0	-19.9	332.4	3.5	1.6	-3.1	325.6	331.1	1.7	44.1	1.9	80.
19.5	61.7	6709.6	450.0	-13.5	-22.3	327.1	2.1	1.1	-1.8	326.3	331.1	1.4	47.0	1.9	86.
21.0	65.1	7141.8	425.0	-16.5	-26.0	21.6	1.6	-0.6	-1.5	327.3	331.0	1.1	44.9	2.0	89.
22.4	68.4	7594.3	400.0	-20.2	-29.2	64.7	2.4	-2.1	-1.0	328.8	331.7	0.8	44.2	1.9	93.
24.0	71.9	8069.3	375.0	-23.5	-32.3	25.0	5.6	-2.4	-5.0	330.4	332.8	0.7	44.3	1.6	101.
25.8	75.7	8571.5	350.0	-26.3	-34.4	347.9	6.3	1.3	-5.2	333.4	335.5	0.6	45.7	1.8	122.
27.5	79.7	9102.4	325.0	-31.0	-38.7	339.0	8.3	3.0	-7.9	333.9	335.4	0.4	46.5	2.4	133.
29.3	83.7	9664.9	300.0	-35.5	-42.9	353.0	8.9	1.1	-8.8	335.4	336.5	0.3	46.1	3.3	141.
31.1	87.8	10265.0	275.0	-40.0	-49.9	355.2	6.4	0.5	-6.4	337.3	999.9	99.9	999.9	4.0	149.
33.1	92.6	10909.0	250.0	-45.3	-59.9	349.1	7.6	1.4	-7.5	338.7	999.9	99.9	999.9	4.9	153.
35.2	97.3	11605.0	225.0	-49.8	-69.9	323.0	7.8	4.7	-6.2	342.3	999.9	99.9	999.9	5.6	153.
37.5	102.5	12366.5	200.0	-54.8	-79.9	337.4	8.7	3.3	-8.0	345.9	999.9	99.9	999.9	6.9	152.
40.1	108.5	13211.0	175.0	-59.0	-89.9	314.5	23.4	16.7	-16.4	352.5	999.9	99.9	999.9	9.0	151.
42.8	114.8	14170.9	150.0	-61.8	-95.9	320.3	22.6	14.3	-17.5	363.7	999.9	99.9	999.9	13.3	147.
45.9	121.7	15244.7	125.0	-64.0	-99.9	334.5	10.6	4.6	-9.5	379.0	999.9	99.9	999.9	17.1	146.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

27 JUNE 1977  
1745 GMT

127 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.9	877.0	912.5	35.0	15.3	180.0	7.9	0.0	7.9	315.2	351.0	12.1	31.0	0.0	0.
99.9	99.9	88.0	1000.0	40.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	16.0	992.4	900.0	32.1	99.9	185.7	3.4	0.5	3.4	314.6	999.9	99.9	999.9	0.3	14.
0.4	19.7	1251.1	875.0	29.0	15.5	186.4	4.0	0.4	4.0	313.9	350.0	12.8	43.9	0.3	13.
1.3	21.1	1509.7	850.0	27.1	14.7	175.0	4.0	-0.4	4.0	314.5	350.1	12.5	46.8	0.5	10.
2.1	23.9	1771.7	825.0	24.2	12.2	154.2	4.2	-1.8	3.8	314.2	345.4	10.9	47.0	0.6	3.
2.9	26.4	2021.6	800.0	24.2	5.6	188.7	4.8	-1.1	4.7	316.9	339.5	7.7	32.4	0.9	357.
3.9	29.2	2313.3	775.0	21.9	5.9	147.4	4.7	-1.0	4.6	317.4	339.6	7.6	35.4	1.1	354.
4.9	32.1	2601.6	750.0	19.2	3.1	187.3	3.4	3.4	3.4	317.4	336.4	6.4	24.3	1.4	355.
5.9	35.0	2891.9	725.0	17.6	-2.2	147.0	3.5	-0.7	3.5	318.7	332.4	4.5	26.0	1.6	355.
7.1	37.7	3182.9	700.0	14.2	-2.4	155.1	2.5	-0.9	2.4	319.2	332.1	4.6	31.5	1.8	353.
8.3	40.5	3495.7	675.0	11.9	-1.6	179.0	0.5	-0.0	0.5	319.0	334.3	5.1	39.0	1.9	352.
9.4	43.5	3809.9	650.0	8.7	-1.8	306.1	3.3	2.6	-1.9	318.3	334.4	5.2	47.7	1.9	354.
10.7	46.6	4123.1	625.0	5.9	-1.5	305.9	5.9	4.8	-3.5	319.0	335.3	5.4	52.4	1.7	4.
12.0	49.8	4455.9	600.0	2.6	-2.5	309.4	7.9	6.0	-4.9	319.2	335.2	5.3	62.7	1.4	23.
13.2	52.7	4809.3	575.0	0.2	-3.8	315.7	7.9	5.5	-5.6	320.3	335.5	5.0	74.0	1.4	46.
14.5	55.8	5164.7	550.0	-2.1	-6.5	321.4	5.4	4.0	-5.0	321.7	334.9	4.3	71.4	1.4	70.
15.9	59.1	5533.5	525.0	-4.0	-11.9	325.0	5.6	2.9	-4.9	323.5	332.9	2.9	54.1	1.6	86.
17.4	62.6	5917.0	500.0	-6.6	-19.9	344.0	3.0	0.8	-2.9	325.1	330.1	1.6	32.8	1.8	99.
18.9	65.9	6315.1	475.0	-8.8	-13.5	307.0	2.5	2.0	-1.5	325.9	332.0	1.9	46.7	1.9	103.
20.4	69.6	6730.3	450.0	-12.9	-23.4	279.6	3.6	3.5	-0.5	327.1	331.4	1.3	40.7	2.2	104.
21.9	73.0	7154.3	425.0	-15.7	-35.1	307.0	2.9	2.3	-1.8	325.4	333.4	1.2	42.4	2.5	104.
23.6	76.9	7610.2	400.0	-18.7	-29.1	316.8	3.0	2.0	-2.2	330.7	333.7	0.9	39.3	2.8	107.
25.1	80.8	8097.4	375.0	-22.6	-34.1	325.6	4.0	2.0	-3.4	331.8	333.8	0.6	33.9	3.1	110.
27.1	84.8	8599.4	350.0	-26.5	-39.9	335.6	6.1	2.5	-5.6	333.0	334.4	0.4	25.8	3.4	118.
29.2	89.0	9130.3	325.0	-30.4	-45.0	357.7	6.0	0.2	-6.0	334.9	325.7	0.2	22.1	4.1	125.
31.0	93.5	9694.2	300.0	-35.2	-47.3	2.6	7.2	-0.3	-7.2	335.2	336.5	0.2	27.6	4.5	133.
33.2	97.8	10295.3	275.0	-39.4	99.9	6.4	6.6	-0.7	-6.6	338.2	999.9	99.9	999.9	5.1	141.
35.6	102.6	10940.1	250.0	-44.9	99.9	347.1	7.8	1.7	-7.6	339.5	999.9	99.9	999.9	6.0	146.
38.1	107.8	11637.5	225.0	-49.9	99.9	329.8	5.0	3.0	-5.2	342.1	999.9	99.9	999.9	6.9	148.
40.4	113.3	12397.9	200.0	-54.9	99.9	340.4	10.7	3.6	-10.1	345.0	999.9	99.9	999.9	8.1	149.
43.4	119.3	13245.4	175.0	-58.4	99.9	315.0	19.6	13.9	-13.9	353.5	999.9	99.9	999.9	10.7	147.
46.4	125.8	14207.3	150.0	-62.5	99.9	313.9	21.9	14.4	-16.5	362.5	999.9	99.9	999.9	14.5	144.
49.9	133.0	15310.2	125.0	-66.0	99.9	322.3	13.3	8.1	-10.5	375.4	999.9	99.9	999.9	18.4	143.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

27 JUNE 1977  
1800 GMT

122 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PPFS MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DS K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	771.0	925.2	33.4	23.7	210.0	5.3	2.6	4.6	313.5	370.0	20.4	57.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	12.7	771.0	925.0	33.3	23.5	999.9	99.9	99.9	99.9	313.3	369.2	20.1	56.7	999.9	999.9
1.0	15.0	1019.0	500.0	29.3	19.7	999.9	99.9	99.9	99.9	311.7	357.0	16.3	56.5	999.9	999.9
1.8	17.1	1259.6	875.0	26.6	99.9	999.9	99.9	99.9	99.9	311.4	359.9	99.9	999.9	999.9	999.9
2.8	19.5	1526.3	950.0	28.5	11.4	999.9	99.9	99.9	99.9	316.0	345.0	10.1	34.7	999.9	999.9
3.8	21.7	1790.7	825.0	26.3	5.8	999.9	99.9	99.9	99.9	316.4	343.4	9.3	35.5	999.9	999.9
4.8	24.2	2060.6	900.0	23.3	7.7	215.6	5.7	5.1	7.1	316.0	340.1	8.3	36.7	1.9	45.0
5.8	26.5	2326.7	775.0	21.1	5.8	195.9	6.1	1.8	5.8	316.6	338.5	7.5	36.7	2.4	42.0
7.0	29.0	2619.3	750.0	18.7	4.5	194.7	5.0	1.5	5.8	316.8	337.7	7.1	39.2	2.7	38.0
9.2	31.7	2909.0	725.0	16.0	3.7	201.5	5.5	2.0	5.1	317.0	337.4	6.9	44.0	3.1	35.0
9.4	34.3	3205.7	700.0	12.9	2.4	207.6	4.7	2.2	4.2	316.8	336.1	6.6	45.0	3.5	34.0
10.6	35.9	3510.3	675.0	10.3	2.1	232.5	4.4	3.5	2.7	317.1	336.8	6.7	57.1	3.8	34.0
11.9	39.6	3822.9	650.0	7.0	0.3	262.5	4.4	4.4	0.6	316.9	334.8	6.0	62.0	4.1	37.0
13.2	42.3	4144.8	625.0	4.6	-1.1	299.4	4.7	4.1	-2.3	317.7	334.7	5.7	66.5	4.3	41.0
14.5	45.2	4476.4	600.0	1.9	-3.9	303.5	7.8	6.5	-4.3	318.4	332.9	4.8	65.2	4.4	47.0
15.8	49.2	4819.8	575.0	0.3	-10.2	319.0	6.4	4.2	-4.9	320.3	330.0	3.1	45.2	4.5	55.0
17.2	51.1	5174.0	550.0	-1.5	-21.6	334.5	6.3	2.7	-5.7	322.0	326.1	1.2	20.2	4.5	61.0
19.7	54.3	5532.2	525.0	-4.2	99.9	344.3	4.4	1.2	-4.2	323.4	999.9	99.9	999.9	4.4	68.0
20.2	57.3	5914.9	500.0	-5.5	-26.8	313.7	2.2	1.6	-1.5	325.0	327.9	0.8	18.2	4.4	72.0
21.7	60.7	6327.8	475.0	-9.1	-33.3	303.2	2.8	2.3	-1.5	326.7	325.4	0.8	15.2	4.6	74.0
23.3	64.1	6739.4	450.0	-12.7	-25.0	280.1	2.3	2.3	-0.5	327.3	325.9	0.8	24.1	4.7	75.0
25.0	67.6	7172.8	425.0	-16.8	-31.5	274.3	2.2	2.2	-0.2	327.5	325.7	0.6	26.5	5.0	77.0
26.7	71.0	7625.6	400.0	-19.7	-34.9	7.7	1.4	-0.2	-1.4	329.4	331.2	0.5	24.2	5.1	77.0
28.7	75.0	8101.2	375.0	-23.4	-36.9	345.3	3.6	0.9	-3.4	330.6	332.2	0.4	27.4	5.0	81.0
30.7	79.0	8502.3	350.0	-27.3	-41.5	347.3	6.6	1.4	-5.4	332.0	333.1	0.3	24.1	5.2	88.0
32.7	83.0	8931.9	325.0	-30.9	-45.4	354.1	4.5	0.5	-4.4	334.0	334.7	0.2	20.1	5.3	94.0
34.8	87.0	9395.3	300.0	-34.9	-49.7	8.7	6.2	-0.9	-6.1	336.2	336.7	0.1	20.4	5.4	101.0
37.0	91.7	10095.7	275.0	-39.0	99.9	13.6	7.1	-1.7	-5.9	337.4	999.9	99.9	999.9	5.4	111.0
39.5	96.4	10939.7	250.0	-45.1	99.9	4.2	5.1	-0.4	-5.1	339.1	999.9	99.9	999.9	5.6	120.0
42.0	101.4	11834.7	225.0	-51.2	99.9	338.1	5.4	2.0	-5.0	340.1	999.9	99.9	999.9	6.3	125.0
45.1	107.0	12790.0	200.0	-57.1	99.9	328.4	9.4	4.9	-3.0	342.4	999.9	99.9	999.9	7.5	129.0
48.2	113.0	17224.3	175.0	-61.1	99.9	328.8	12.7	6.6	-10.9	349.1	999.9	99.9	999.9	9.4	134.0
51.7	119.3	14170.2	150.0	-62.4	99.9	312.9	5.6	4.3	-5.0	352.5	999.9	99.9	999.9	11.4	137.0
55.9	126.3	15209.2	125.0	-64.9	99.9	305.6	7.0	5.5	-4.4	377.4	999.9	99.9	999.9	13.6	136.0
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 440  
ROBERT LEE, TEXAS

27 JUNE 1977  
1751 GMT

37 608. 0

TIME MIN	CNTCT	HEIGHT GOM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CGMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	585.0	947.8	33.0	20.5	180.0	5.1	0.0	5.1	311.2	356.5	16.4	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.4	12.5	766.6	925.0	30.5	19.1	999.9	99.9	99.9	99.9	310.6	352.9	15.3	50.5	999.9	999.
1.5	15.0	1011.4	900.0	28.2	18.6	999.9	99.9	99.9	99.9	310.5	352.6	15.2	55.5	999.9	999.
2.4	17.2	1261.8	875.0	26.4	18.1	125.5	7.2	0.8	7.1	311.2	353.1	15.1	60.4	1.0	14.
3.3	19.8	1417.6	850.0	24.8	14.3	224.2	3.3	3.4	7.5	312.1	345.4	12.2	52.1	1.5	14.
4.2	22.1	1779.3	825.0	23.5	11.2	207.6	5.0	2.8	5.4	313.4	342.6	10.3	46.2	1.9	17.
5.3	24.8	2047.9	800.0	22.9	8.6	231.4	5.1	1.9	4.7	315.6	341.1	8.8	40.1	2.2	18.
6.3	27.2	2323.7	775.0	21.4	0.2	205.4	5.6	2.5	5.0	316.9	332.0	5.1	24.4	2.5	19.
7.4	29.9	2606.4	750.0	19.3	-1.5	199.4	4.4	1.4	4.2	317.5	331.4	4.6	24.5	2.9	20.
9.5	32.7	2895.4	725.0	16.5	1.4	181.4	3.2	0.1	3.2	317.6	335.0	5.9	36.1	3.1	19.
9.8	35.5	3197.7	700.0	13.4	1.9	157.5	1.9	-0.4	1.8	317.3	336.0	6.3	45.4	3.3	18.
11.0	38.1	3499.3	675.0	10.7	0.2	157.1	1.3	-0.5	1.2	317.7	335.6	6.0	50.1	3.4	16.
12.3	40.9	3811.5	650.0	8.6	-2.6	178.5	2.3	-0.1	2.3	318.7	328.4	3.1	29.1	3.5	15.
13.6	43.9	4134.2	625.0	5.9	-9.1	999.9	99.9	99.9	99.9	319.2	328.8	3.1	33.1	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

27 JUNE 1977  
1800 GMT

114 132. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	H-IGHT GRN	PRES HP	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	791.0	922.9	32.0	20.5	200.0	4.1	3.1	2.6	312.2	359.8	17.2	52.0	0.0	C.
99.9	99.0	80.9	1000.0	99.9	99.9	80.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.1	15.5	1077.1	503.0	25.5	19.1	500.9	99.9	99.9	99.9	311.9	353.1	14.9	50.5	999.9	999.9
1.0	18.0	1257.3	475.0	27.5	17.3	999.9	99.9	99.9	99.9	312.4	352.6	14.4	53.8	999.9	999.9
2.0	20.5	1512.7	550.0	24.6	99.9	215.8	5.3	3.1	4.3	312.0	399.6	99.9	999.9	1.2	25.
2.9	23.1	1774.4	575.0	25.5	5.4	189.0	6.8	1.1	6.7	315.6	335.6	6.9	27.4	1.5	23.
3.9	25.6	2043.9	800.0	23.6	0.9	154.1	7.7	0.8	7.7	315.3	331.7	5.1	22.4	1.9	20.
4.4	28.3	2310.3	775.0	20.5	-3.3	183.4	9.3	1.2	5.2	315.9	327.6	3.9	19.8	2.4	17.
5.7	31.0	2600.0	750.0	18.0	-3.3	193.3	7.6	1.4	7.5	317.1	329.3	4.0	21.8	2.8	16.
6.7	33.9	2870.7	725.0	16.3	-2.5	172.2	4.3	1.7	4.3	317.4	325.8	4.1	25.4	3.2	15.
7.8	36.5	3167.4	700.0	13.8	-0.9	170.8	1.6	-1.0	1.2	317.2	333.2	5.1	36.3	3.3	13.
8.9	39.2	3482.4	675.0	10.0	-3.3	167.7	0.9	-0.3	0.9	317.7	331.4	4.5	36.6	3.3	12.
10.1	42.0	3805.1	650.0	5.0	-5.2	175.8	1.7	1.6	-0.2	319.2	328.3	2.9	26.4	3.5	13.
11.3	44.0	4139.2	525.0	6.1	-4.9	320.7	5.3	3.4	-4.1	319.5	332.6	4.3	45.4	3.3	16.
12.5	47.9	4462.5	600.0	3.0	-3.2	309.4	6.0	4.6	-3.9	319.5	334.9	5.1	61.9	3.1	24.
14.0	50.8	4794.2	575.0	0.5	-5.0	327.9	7.5	4.0	-5.3	320.6	334.7	4.6	66.7	2.9	35.
15.2	53.9	5151.0	550.0	-1.6	-3.1	345.8	7.1	1.7	-6.9	322.2	332.1	3.5	56.6	2.7	43.
16.4	57.2	5570.7	525.0	-4.2	-12.5	353.8	5.9	3.8	-4.8	323.7	332.4	2.8	53.1	2.4	54.
17.8	60.7	5973.5	500.0	-6.8	-27.5	371.9	3.9	2.3	-1.6	324.7	327.7	0.9	18.9	2.4	59.
19.1	63.4	6372.1	475.0	-9.1	-36.2	392.5	2.4	2.4	-1.0	324.6	327.9	0.4	5.0	2.5	64.
20.5	66.9	6727.0	450.0	-12.1	-45.0	289.5	2.6	2.4	-0.9	325.1	329.6	0.4	12.6	2.7	66.
22.0	70.1	7142.2	425.0	-15.4	-55.0	295.2	3.2	2.9	-1.4	325.7	330.2	0.4	15.9	2.9	72.
23.5	74.0	7615.6	400.0	-18.1	-65.1	303.6	0.2	0.8	-0.7	327.8	330.4	0.2	8.2	3.0	73.
24.8	77.0	8091.5	375.0	-21.1	-75.1	350.6	5.2	0.9	-5.1	331.1	331.7	0.2	11.1	3.0	77.
26.3	81.7	8584.1	350.0	-26.3	-84.0	340.4	9.2	3.1	-8.7	333.3	334.1	0.2	17.0	3.1	82.
28.5	85.7	9105.4	325.0	-30.5	-94.3	347.1	5.6	1.3	-5.5	334.6	335.4	0.2	22.0	3.5	106.
30.5	90.0	9609.5	300.0	-34.3	-103.9	10.2	6.4	-1.1	-6.3	337.0	337.4	0.1	13.0	3.7	113.
32.3	94.5	10001.8	275.0	-38.5	-93.0	16.7	11.3	-3.2	-10.8	339.1	359.9	99.9	999.9	4.0	131.
34.3	99.2	10377.7	250.0	-42.4	99.5	32.1	6.7	-3.6	-5.7	340.3	599.9	99.9	999.9	4.4	145.
36.5	104.0	11655.1	225.0	-46.2	99.9	39.0	3.9	3.1	-8.2	343.1	595.9	99.9	999.9	5.2	159.
38.8	109.5	12977.2	200.0	-50.2	99.9	33.9	3.3	3.8	-7.4	345.3	999.9	99.9	999.9	6.3	181.
41.4	115.2	13279.2	175.0	-54.2	99.9	33.5	17.9	5.1	-15.4	351.9	999.9	99.9	999.9	8.2	181.
44.0	121.7	14200.8	150.0	-61.7	99.9	23.1	17.4	4.0	-10.7	363.8	999.9	99.9	999.9	11.1	149.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 266  
MIDLAND, TEXAS

27 JUNE 1977  
1930 GMT

119 102. 0

TIME MIN	CNTC	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT T CG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	13.0	877.0	912.0	27.3	15.6	160.0	5.1	-1.3	5.0	317.3	354.9	12.3	27.0	0.0	0.
09.0	09.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	14.1	997.5	900.0	32.7	15.8	165.6	3.5	0.3	3.5	315.3	351.3	12.7	36.1	0.2	352.
1.2	15.2	1247.0	875.0	20.5	15.9	159.7	4.2	0.1	4.3	315.5	352.2	12.1	41.4	0.4	357.
2.1	18.5	1403.8	850.0	26.2	14.5	150.6	5.4	0.1	5.4	315.3	351.0	12.4	43.3	0.7	357.
3.2	20.8	1770.4	825.0	25.2	14.5	177.5	5.6	0.7	5.6	315.3	352.6	12.7	42.4	1.0	360.
7.9	23.2	2041.0	800.0	22.5	13.2	187.7	5.1	0.7	5.1	316.2	350.7	12.0	52.3	1.3	1.
4.6	25.5	2317.7	775.0	20.9	10.7	202.8	4.2	1.5	2.8	316.3	346.7	10.5	51.9	1.5	2.
5.5	29.0	2600.5	750.0	19.2	6.4	225.8	3.1	2.2	2.2	317.4	341.0	8.1	42.1	1.6	7.
6.4	30.6	2890.9	725.0	16.5	4.0	205.8	4.4	1.9	4.0	317.5	338.4	7.1	42.3	1.8	10.
7.5	33.2	3188.4	700.0	14.7	-3.9	200.8	3.2	1.1	3.0	319.4	331.0	4.1	28.0	2.1	11.
8.5	35.7	3482.6	675.0	11.9	-0.3	244.5	1.9	1.7	0.0	317.0	335.8	5.6	42.1	2.2	12.
9.6	38.4	3708.9	650.0	9.7	-1.4	285.5	3.5	3.2	-1.5	319.8	334.9	5.3	49.0	2.2	16.
10.8	41.0	4131.0	625.0	6.1	-2.0	305.5	6.4	5.2	-3.3	319.5	335.5	5.3	55.9	2.2	25.
11.9	43.0	4445.1	600.0	3.3	-2.6	315.3	7.3	5.4	-5.6	320.0	336.0	5.3	62.2	2.1	35.
13.2	46.9	4800.0	575.0	0.5	-5.7	318.9	7.5	5.0	-5.7	320.5	333.9	4.4	63.3	2.1	56.
14.6	49.9	5144.2	550.0	-2.2	-8.4	319.0	5.1	4.0	-4.6	321.4	332.9	2.7	62.5	2.2	76.
15.1	52.8	5573.0	525.0	-4.1	-7.7	319.4	6.3	4.1	-4.8	323.5	335.4	3.8	70.2	2.5	82.
17.5	55.4	6014.0	500.0	-7.2	-12.7	328.5	4.4	1.6	-4.1	324.3	333.5	2.9	64.7	2.7	91.
17.0	59.0	6713.8	475.0	-13.4	-15.9	342.8	1.8	0.5	-1.7	325.1	332.7	2.4	64.7	2.8	97.
22.5	62.4	6727.5	450.0	-12.5	-11.2	335.5	2.0	1.1	-1.6	326.3	331.5	1.6	52.1	2.9	99.
22.2	65.0	7140.5	425.0	-15.0	-15.7	315.0	3.5	2.4	-2.5	328.5	332.3	1.1	42.5	3.1	102.
23.9	69.4	7615.2	400.0	-15.9	-19.6	312.5	4.7	3.3	-3.2	330.5	333.1	0.7	34.6	3.5	106.
25.4	72.0	8032.5	375.0	-23.3	-24.9	322.8	5.1	3.1	-4.1	332.1	333.7	0.4	24.5	3.9	110.
27.4	77.0	8595.4	350.0	-26.0	-24.9	339.2	4.6	1.7	-4.3	333.9	334.8	0.3	20.6	4.3	112.
29.6	81.0	9127.5	325.0	-30.7	-43.1	347.5	5.2	1.1	-5.1	334.4	335.4	0.3	28.1	4.7	119.
31.9	85.3	9461.8	300.0	-34.5	-45.3	342.7	4.5	1.4	-4.4	335.8	337.4	0.1	30.2	5.3	125.
34.0	89.4	10097.5	275.0	-39.3	99.9	345.7	5.1	1.2	-4.9	337.5	999.9	99.9	95.9	5.7	129.
36.3	94.4	10579.6	250.0	-44.1	99.9	377.1	5.4	2.5	-5.9	340.5	999.9	99.9	95.9	5.4	133.
38.8	98.2	11474.8	225.0	-52.5	99.9	333.4	5.9	2.6	-5.2	341.2	999.9	99.9	95.9	7.3	136.
41.5	104.5	12300.0	200.0	-57.1	99.9	340.7	7.8	2.6	-7.4	342.4	999.9	99.9	99.9	8.2	138.
44.6	110.4	13256.6	175.0	-65.3	99.9	311.3	19.7	14.8	-13.0	343.7	999.9	99.9	95.9	10.7	139.
47.9	116.4	14103.1	150.0	-63.4	99.9	314.4	19.8	14.2	-13.8	349.9	999.9	99.9	99.9	14.5	138.
51.5	124.0	15061.3	125.0	-66.5	99.9	310.8	11.8	8.9	-7.7	374.4	999.9	99.9	95.9	18.1	137.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	95.9	95.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	95.9	95.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	95.9	95.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

27 JUNE 1977

125 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM W/GLE MINUTE VALUES

TIME MIN	CNTCT.	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	771.0	924.1	36.6	22.0	190.0	4.6	0.0	4.6	316.8	368.6	18.3	43.0	0.0	0.
0.9	99.0	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
9.9	99.0	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
9.9	99.0	99.0	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
9.9	99.0	99.0	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
1.1	16.1	1010.2	500.0	32.5	19.6	599.0	99.9	99.9	99.9	315.0	360.7	16.2	46.7	999.9	999.9
2.1	18.7	1262.7	875.0	28.5	17.7	181.3	6.7	0.2	6.7	311.4	355.0	14.8	52.1	0.8	4.
2.9	21.1	1519.7	850.0	27.6	15.0	41.6	5.0	1.2	5.8	315.1	341.4	9.1	33.2	1.1	4.
3.9	23.7	1787.7	825.0	26.4	9.0	213.0	6.1	3.3	5.1	315.5	342.1	8.8	33.5	1.4	9.
4.8	26.1	2054.1	800.0	24.2	7.4	226.0	7.0	4.9	5.0	315.9	340.7	8.1	34.2	1.7	15.
5.7	28.4	2320.7	775.0	21.4	6.4	220.3	7.0	4.5	5.3	315.8	339.7	7.8	37.6	2.1	20.
6.9	31.5	2613.8	750.0	19.1	4.0	205.6	5.5	2.9	5.8	317.3	337.5	6.8	36.7	2.5	22.
7.9	34.3	2907.8	725.0	16.3	2.2	204.1	5.1	2.4	5.4	317.4	335.8	5.2	38.5	2.9	22.
9.1	37.0	3201.0	700.0	13.5	2.5	203.2	3.5	1.8	3.4	317.4	333.8	6.6	47.2	3.4	23.
10.2	39.9	3505.2	675.0	10.7	1.6	254.6	3.1	3.0	0.6	317.7	335.6	6.4	53.0	3.5	24.
11.3	42.6	3820.2	650.0	8.5	-0.7	281.9	5.6	5.5	-1.2	318.6	335.5	5.6	52.2	3.6	28.
12.4	45.5	4147.2	625.0	5.9	-2.2	290.6	5.5	5.1	-1.9	319.2	334.9	5.2	56.0	3.7	34.
13.6	48.6	4475.9	600.0	2.3	-5.0	314.2	4.8	3.5	-3.4	319.8	332.2	4.4	58.5	3.7	40.
14.8	51.5	4819.9	575.0	0.9	-17.9	321.3	3.9	2.4	-3.0	321.0	326.3	1.6	23.0	3.7	45.
16.1	54.7	5173.9	550.0	-2.1	-21.4	326.9	3.9	2.2	-3.3	321.5	325.8	1.3	21.0	3.6	45.
17.4	57.8	5531.7	525.0	-4.5	-25.3	328.7	3.2	1.7	-2.7	323.1	325.2	0.5	17.8	3.6	54.
19.7	61.1	5924.4	500.0	-6.5	-28.2	330.0	3.0	2.5	-1.5	323.2	327.7	0.7	15.9	3.6	58.
20.1	64.6	6323.2	475.0	-9.5	-29.5	281.6	4.0	3.9	-0.4	323.2	328.6	0.7	17.6	3.8	61.
21.4	67.9	6744.4	450.0	-13.0	-28.5	281.6	3.9	3.6	-1.4	323.9	329.8	0.8	26.4	4.1	64.
23.1	71.1	7171.5	425.0	-15.7	-25.2	281.6	2.8	2.3	-0.6	324.9	330.5	0.4	16.7	4.2	68.
24.7	75.0	7625.5	400.0	-19.2	-26.4	305.1	3.0	2.3	-1.0	330.0	331.5	0.4	20.2	4.5	69.
26.3	78.8	8101.9	375.0	-23.6	-29.1	327.0	3.5	1.9	-2.9	330.4	331.8	0.4	24.7	4.6	73.
28.1	82.7	8502.9	350.0	-27.4	-42.0	348.2	4.4	0.9	-4.2	331.6	332.8	0.3	23.3	4.7	78.
29.9	86.5	8971.4	325.0	-30.1	-46.7	348.7	4.4	1.2	-4.2	333.3	335.9	0.2	17.9	4.7	84.
31.8	90.3	9467.4	300.0	-34.1	-50.5	343.2	5.2	1.5	-4.9	335.9	336.4	0.1	18.8	4.8	91.
33.9	95.5	10077.9	275.0	-40.2	99.9	350.7	6.2	1.0	-6.1	337.1	339.9	99.9	999.9	5.0	98.
36.3	102.2	10841.1	250.0	-45.1	99.9	344.9	7.8	1.5	-7.6	339.0	339.9	99.9	999.9	5.4	105.
39.7	105.3	11635.3	225.0	-51.2	99.9	338.0	6.6	2.5	-5.1	343.1	339.9	99.9	999.9	6.1	117.
41.4	110.7	12480.0	200.0	-57.3	99.9	331.4	7.1	3.5	-6.2	347.7	339.9	99.9	999.9	6.9	121.
44.5	115.3	13382.3	175.0	-62.3	99.9	314.4	9.1	2.9	-9.6	347.1	339.9	99.9	999.9	8.3	128.
48.1	123.0	14787.7	150.0	-62.1	99.9	303.4	7.0	5.5	-4.4	363.1	339.9	99.9	999.9	9.7	130.
52.0	129.8	15955.9	125.0	-65.3	99.9	313.6	9.6	6.9	-6.6	376.7	339.9	99.9	999.9	11.6	131.
57.1	137.0	16660.7	100.0	-64.2	99.9	593.9	99.9	99.9	99.9	403.2	339.9	99.9	999.9	999.9	999.9
62.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
69.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

27 JUNE 1977  
1931 GMT

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TIME MIN	CNCTY	HEIGHT GPM	POES MB	TEMP DG C	DEWPT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	595.0	943.1	35.0	20.9	180.0	4.1	0.0	4.1	313.4	360.2	16.9	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.5	12.9	750.9	925.0	37.0	19.1	127.1	7.4	0.9	7.4	313.1	355.7	15.2	43.8	0.2	11.
1.2	15.3	1027.7	900.0	30.5	18.4	157.3	7.1	1.0	7.1	312.9	355.0	15.1	48.7	0.5	8.
2.0	17.9	1259.1	875.0	27.6	16.9	194.3	7.0	1.7	6.7	312.5	351.7	14.0	52.1	0.9	10.
2.9	20.3	1515.4	850.0	25.1	15.2	150.2	5.9	0.0	5.9	312.4	348.7	12.9	54.2	1.2	9.
4.0	22.9	1777.1	825.0	23.3	11.7	174.0	4.5	-0.6	5.5	313.3	343.3	10.6	47.9	1.6	6.
5.1	25.4	2045.1	800.0	21.5	7.8	174.6	5.5	-0.9	5.5	314.1	338.2	8.4	41.3	1.9	3.
6.2	28.0	2310.7	775.0	20.2	2.1	150.9	4.5	0.8	4.5	315.5	332.6	5.8	30.1	2.3	3.
7.5	30.9	2601.7	750.0	18.9	-2.6	128.0	3.8	0.5	3.8	317.0	329.8	4.2	23.2	2.6	4.
8.6	33.7	2900.9	725.0	15.8	-3.7	201.2	3.2	1.2	3.0	316.8	328.9	4.0	25.9	2.8	4.
9.7	36.4	3187.2	700.0	12.9	-7.1	209.7	2.2	1.1	1.9	316.8	320.1	4.4	33.1	3.0	6.
11.0	39.4	3451.1	675.0	9.9	-1.4	206.6	2.0	0.9	1.8	315.7	329.2	4.1	36.4	3.1	7.
12.3	42.1	3803.2	650.0	7.6	-7.3	198.2	3.5	1.1	3.4	317.5	327.6	3.3	32.6	3.3	8.
13.6	45.3	4124.7	625.0	4.7	-8.6	223.9	3.9	2.7	2.8	317.8	327.8	3.2	37.9	3.6	9.
15.0	49.4	4456.0	600.0	2.1	-14.7	277.9	3.6	3.6	-0.5	318.6	325.2	2.1	27.5	3.8	13.
16.4	51.4	4798.1	575.0	-0.0	-21.2	324.9	5.9	3.4	-4.8	320.0	324.0	1.2	18.4	3.7	19.
17.9	54.7	5152.4	550.0	-3.0	-11.3	347.2	7.9	2.4	-7.5	320.6	329.8	2.9	52.4	3.2	27.
19.3	57.9	5510.3	525.0	-5.4	-28.2	343.6	6.5	1.8	-6.2	321.9	324.4	0.7	14.6	2.8	35.
20.6	61.3	5900.4	500.0	-7.9	-32.1	341.5	5.0	1.6	-4.8	323.5	325.3	0.5	12.1	2.5	44.
22.3	65.0	6257.7	475.0	-10.5	-32.2	332.2	5.5	2.6	-4.8	325.3	327.3	0.3	7.4	2.4	54.
23.9	68.4	6713.2	450.0	-12.7	-41.7	324.5	4.4	1.9	-4.0	327.3	323.1	0.2	6.7	2.3	56.
25.5	72.0	7145.7	425.0	-15.4	-42.6	347.0	3.7	1.1	-3.5	328.0	328.6	0.2	6.2	2.4	75.
27.0	75.7	7599.0	400.0	-20.5	-37.8	350.0	2.7	0.5	-2.6	328.4	329.7	0.4	19.6	2.4	82.
29.6	79.8	8072.4	375.0	-23.9	-44.1	344.7	4.8	1.3	-4.6	320.1	330.8	0.2	13.4	2.4	90.
30.3	83.8	8572.6	350.0	-27.6	-47.0	328.6	5.9	3.1	-5.1	331.5	332.1	0.2	13.7	2.7	101.
32.2	89.2	9101.5	325.0	-31.2	-51.9	377.4	7.2	2.9	-6.7	333.7	334.1	0.1	11.0	3.2	111.
34.2	91.0	9667.5	300.0	-35.7	-55.4	343.1	3.0	1.7	-7.9	335.1	335.3	0.1	11.0	3.2	122.
36.2	97.6	10247.1	275.0	-40.0	-59.6	999.9	99.9	99.9	99.9	337.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.0	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

27 JUNE 1977

95 203. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM W/OLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	1.0	741.0	922.2	25.3	20.4	192.0	5.2	0.0	5.2	315.7	362.6	16.7	42.0	0.0	0.
0.9	0.9	0.9	1003.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
0.6	16.0	1001.0	900.0	34.1	10.1	0.9	0.9	0.9	0.9	316.6	360.7	15.4	44.8	0.9	0.9
1.4	18.4	1267.0	875.0	31.9	18.4	0.9	0.9	0.9	0.9	316.9	357.4	14.2	46.3	1.1	5.
2.3	20.8	1517.3	850.0	29.4	16.6	173.9	5.9	-0.1	5.9	316.9	357.4	14.2	46.3	1.1	5.
3.3	23.2	1771.1	825.0	27.3	14.5	177.9	7.5	-0.3	7.5	317.4	359.9	14.9	53.1	1.5	3.
4.1	25.5	2044.0	800.0	25.3	12.8	185.8	7.0	0.7	7.0	318.1	346.4	9.7	38.3	1.9	2.
5.1	28.1	2372.0	775.0	23.7	11.4	185.7	5.4	0.6	5.4	319.3	338.2	6.3	26.6	2.3	4.
6.2	30.9	2617.8	750.0	20.9	1.4	179.6	3.7	-0.1	3.7	319.3	338.2	5.7	27.4	2.6	3.
7.2	33.5	2909.5	725.0	18.7	0.7	173.9	4.3	0.4	4.3	319.5	336.3	5.6	30.5	2.9	3.
8.3	36.0	3208.5	700.0	15.8	-1.3	159.1	2.2	-0.4	2.2	320.0	335.2	5.0	30.9	3.1	2.
9.4	38.0	3415.9	675.0	13.2	-2.3	231.4	0.5	0.4	0.3	320.4	335.1	4.8	34.1	3.2	2.
10.5	41.5	3621.9	650.0	10.6	-2.1	319.2	3.8	2.5	-2.9	321.0	336.6	5.1	41.6	3.1	4.
11.6	44.4	3827.9	625.0	7.7	0.3	315.4	6.0	4.2	-4.3	321.3	340.2	6.3	59.2	2.9	9.
12.9	47.4	4032.9	600.0	5.0	-0.3	320.9	6.3	4.0	-3.9	321.9	340.2	6.0	66.1	2.6	17.
14.0	50.4	4237.2	575.0	2.7	-2.7	320.3	6.8	3.4	-5.9	322.9	339.5	5.5	69.5	2.4	25.
15.3	53.4	4437.2	550.0	-0.1	-7.9	340.6	6.1	2.0	-5.7	323.9	336.0	3.8	59.8	2.0	35.
16.5	56.4	4637.9	525.0	-2.6	-14.8	342.6	4.7	1.4	-6.5	325.0	332.5	2.3	35.1	1.9	47.
17.9	59.7	4832.9	500.0	-5.6	-20.6	328.1	3.5	1.9	-3.0	326.2	331.3	1.5	29.7	1.7	57.
19.2	63.1	5028.1	475.0	-8.1	-21.5	280.7	3.9	3.6	-1.3	327.9	329.9	0.6	13.2	1.9	65.
20.5	65.3	5221.2	450.0	-10.5	-26.2	257.6	1.7	3.5	-1.1	330.0	332.7	0.8	20.3	2.1	70.
21.9	69.9	5417.0	425.0	-14.4	-29.0	239.2	2.5	2.2	-1.2	330.5	333.4	0.9	27.7	2.3	74.
23.4	73.3	5615.1	400.0	-17.6	-33.7	265.8	2.3	2.3	0.2	332.1	333.4	0.3	13.8	2.5	77.
24.9	77.2	5814.8	375.0	-21.3	-35.5	323.7	3.9	2.0	-3.4	331.4	334.6	0.3	17.3	2.6	80.
26.4	81.0	6010.0	350.0	-25.1	-43.4	349.3	5.7	1.4	-6.5	335.0	336.2	0.3	22.2	2.8	92.
28.4	85.1	6213.2	325.0	-29.1	-47.1	345.0	4.6	0.9	-4.7	337.9	338.6	0.1	14.3	3.0	102.
30.1	89.3	6414.2	300.0	-33.1	-50.3	310.0	5.7	-0.3	-5.7	338.8	339.3	0.1	15.7	3.2	112.
32.1	93.8	6620.1	275.0	-37.3	-53.4	21.2	4.9	-1.8	-4.6	340.5	340.9	0.1	17.5	3.4	123.
34.0	98.4	6828.9	250.0	-43.2	-58.8	19.7	5.5	-1.9	-5.2	341.8	340.9	0.9	0.9	3.5	132.
36.1	103.3	7040.8	225.0	-48.8	-65.8	99.9	99.9	99.9	99.9	343.7	343.7	55.9	99.9	99.9	99.9
39.9	99.9	99.9	200.0	58.5	65.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.9	99.9	99.9	175.0	69.3	69.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.9	99.9	99.9	150.0	80.9	80.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	99.9	99.9	125.0	92.2	92.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
58.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
62.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
66.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
70.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

27 JUNE 1977  
2100 GMT

110 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	877.0	911.3	37.8	15.0	140.0	7.4	-4.8	5.7	319.3	353.7	11.9	26.0	0.0	0.
00.9	00.9	00.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	00.9	00.9	075.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	00.9	00.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
00.9	00.9	00.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.3	12.8	884.7	900.0	33.2	17.7	152.4	7.2	-2.2	6.9	315.8	356.4	14.3	40.2	0.2	337.
1.1	14.8	1240.6	875.0	31.0	17.1	157.7	9.3	-3.5	8.6	316.0	356.2	14.2	43.4	0.6	358.
1.7	16.6	1500.2	870.0	29.1	16.1	157.1	10.5	-4.1	9.7	316.6	355.7	13.7	45.5	1.0	357.
2.3	18.7	1765.7	825.0	27.0	15.2	158.9	11.0	-2.1	10.8	317.1	355.3	13.4	48.7	1.4	358.
3.2	20.6	2027.0	800.0	24.1	13.3	164.9	9.3	0.8	9.3	316.9	351.6	12.1	50.6	1.8	344.
3.9	22.7	2314.2	775.0	21.5	12.4	177.6	7.2	-0.3	7.2	317.0	350.8	11.8	55.8	2.2	345.
4.5	24.9	2537.5	750.0	15.6	10.8	172.3	6.3	-0.5	5.2	316.7	346.3	11.0	60.7	2.4	343.
5.4	27.0	2827.5	725.0	15.6	7.8	174.9	4.4	0.3	4.4	316.5	343.3	9.2	59.7	2.7	345.
6.3	29.3	3145.0	700.0	13.7	2.4	207.4	7.0	1.2	2.5	317.7	337.0	6.5	46.3	2.9	351.
7.2	31.3	3400.3	675.0	11.5	-2.0	235.4	2.5	2.0	1.4	318.5	333.3	4.9	38.9	3.0	352.
8.1	34.1	3804.8	650.0	8.8	-0.7	262.0	3.7	3.6	-0.8	319.9	335.8	5.6	51.3	3.0	355.
9.4	35.4	4123.0	625.0	5.9	-0.6	305.1	6.1	4.9	-3.6	319.1	336.8	5.9	63.3	2.8	2.
10.9	39.0	4451.1	600.0	3.2	-4.2	324.2	9.0	4.7	-5.5	319.8	334.1	4.7	58.2	2.4	13.
12.0	41.3	4805.5	575.0	1.0	-5.3	327.1	7.9	4.3	-5.6	321.2	335.0	4.5	62.9	2.1	25.
17.1	44.1	5111.3	550.0	-2.1	-8.5	337.4	6.7	3.0	-6.0	321.6	333.0	3.7	61.4	1.8	37.
14.1	46.9	5525.3	525.0	-4.2	-10.2	335.3	5.5	2.3	-5.0	323.4	334.0	3.4	63.2	1.7	47.
15.4	49.7	5912.7	500.0	-7.3	-11.2	340.8	4.1	1.4	-3.9	324.2	334.5	3.3	73.3	1.6	60.
16.6	52.3	6310.2	475.0	-10.5	-14.6	339.9	2.5	0.9	-2.4	325.0	333.3	2.6	71.9	1.6	59.
16.0	55.3	6724.3	450.0	-13.4	-19.2	325.2	3.4	1.7	-2.9	326.4	332.5	1.9	61.4	1.6	76.
19.5	58.4	7157.9	425.0	-15.5	-24.4	322.7	4.4	2.7	-3.5	329.1	333.3	1.2	46.2	1.8	87.
21.1	51.9	7613.1	400.0	-18.4	-30.5	331.5	4.7	2.2	-4.1	331.1	333.7	0.7	32.9	2.0	57.
22.5	55.1	8031.8	375.0	-21.7	-34.8	344.1	6.0	1.7	-5.8	332.9	334.8	0.5	29.3	2.3	107.
24.2	68.6	8595.7	350.0	-26.1	-39.4	335.8	5.5	2.2	-5.0	333.5	334.8	0.4	27.3	2.7	118.
25.2	72.2	9127.9	325.0	-29.9	-42.2	350.7	6.0	1.0	-5.9	335.5	336.6	0.3	28.9	3.2	126.
28.4	70.2	9637.7	300.0	-34.1	-46.2	355.7	6.2	0.4	-6.2	337.3	338.1	0.2	27.8	3.8	134.
30.6	80.4	10294.8	275.0	-39.1	99.9	352.4	5.1	0.7	-5.0	333.5	999.9	99.9	999.9	4.3	142.
32.4	84.9	10942.6	250.0	-44.3	99.9	332.3	6.7	3.1	-5.9	340.2	999.9	99.9	999.9	5.0	144.
34.5	87.4	11641.0	225.0	-50.0	99.9	331.6	7.2	3.4	-6.3	342.0	999.9	99.9	999.9	5.7	145.
35.6	94.6	12400.1	200.0	-55.9	99.9	320.3	11.1	7.1	-9.5	344.3	999.9	99.9	999.9	6.9	145.
39.2	100.2	13247.1	175.0	-60.3	99.9	312.0	18.2	13.5	-12.2	350.5	999.9	99.9	999.9	8.9	141.
42.1	105.3	14195.3	150.0	-64.7	99.9	312.9	13.7	12.3	-14.1	358.7	999.9	99.9	999.9	12.7	140.
45.4	113.3	15300.2	125.0	-67.5	99.9	314.4	11.9	8.5	-8.3	372.6	999.9	99.9	999.9	15.4	135.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

27 JUNE 1977

126 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM X-DOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	771.0	924.1	35.3	23.1	200.0	6.3	2.2	5.9	316.0	371.1	19.6	48.0	0.0	0.
99.9	95.9	95.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	16.5	1010.8	900.0	33.4	16.0	999.9	99.9	99.9	99.9	316.0	352.7	12.9	35.4	999.9	99.9
1.9	19.1	1255.1	875.0	31.5	16.0	183.4	5.0	0.4	6.0	316.9	354.7	13.2	38.5	1.0	5.
2.7	21.5	1525.1	850.0	29.2	16.1	181.8	8.2	0.3	6.2	316.8	356.0	13.8	45.2	1.4	4.
3.5	24.1	1750.0	825.0	26.7	13.9	160.5	4.6	0.0	4.6	315.8	350.7	12.2	48.0	1.7	4.
4.7	26.7	2040.3	800.0	24.2	5.4	200.1	6.5	2.2	6.1	316.9	339.1	7.5	31.9	2.1	5.
5.1	29.3	2337.2	775.0	22.4	3.7	256.0	7.1	3.4	6.2	318.3	337.5	6.5	28.7	2.7	10.
7.5	32.1	2470.5	740.0	19.7	1.5	200.7	6.4	2.3	6.0	319.0	335.0	5.7	25.7	3.2	13.
8.9	35.0	2611.2	725.0	15.4	2.9	159.1	3.7	1.2	3.5	317.9	337.4	6.6	35.2	3.6	13.
10.2	37.7	2809.0	700.0	13.8	2.1	204.0	3.1	1.5	2.8	317.8	336.7	6.4	45.0	3.8	14.
11.4	40.5	3014.5	675.0	11.5	1.3	254.9	2.6	2.9	0.6	318.3	336.9	6.3	50.2	4.0	15.
12.7	43.4	3229.5	650.0	8.6	-0.4	284.1	5.3	5.2	-1.3	319.7	336.0	5.8	52.2	4.1	20.
13.9	46.5	3451.8	625.0	5.7	-1.4	265.0	5.3	4.8	-2.3	319.0	335.7	5.6	60.2	4.1	26.
15.1	49.6	3684.1	600.0	2.5	-1.5	209.2	4.5	3.5	-2.8	319.1	332.9	4.6	55.5	4.1	31.
15.4	52.4	3937.3	575.0	0.5	-16.2	311.0	3.3	2.5	-2.1	320.6	326.7	1.9	27.2	4.0	35.
17.6	55.3	4202.5	540.0	-1.9	-21.3	323.5	2.4	2.5	-3.6	321.9	326.1	1.3	20.9	4.0	39.
19.2	58.0	4480.7	515.0	-3.9	-25.5	300.4	3.6	3.3	-1.9	323.8	326.9	0.9	16.7	3.9	44.
20.7	60.6	4772.0	490.0	-5.4	-29.6	281.2	3.9	3.3	-0.8	325.3	327.8	0.7	15.4	4.1	48.
22.1	63.0	5077.1	475.0	-7.6	-28.8	280.6	4.4	4.3	-3.8	327.3	329.9	0.7	17.6	4.3	52.
23.7	65.4	5390.7	450.0	-12.1	-28.1	275.2	4.3	4.3	-0.5	328.0	331.5	1.0	30.0	4.6	56.
25.3	73.0	5724.5	425.0	-14.8	-35.2	264.5	3.6	3.6	0.1	330.0	331.6	0.4	15.6	4.9	58.
27.0	75.9	6080.7	400.0	-19.0	-38.0	295.5	4.1	3.6	-2.0	331.5	332.9	0.4	15.3	5.2	61.
28.7	80.6	6459.5	375.0	-21.0	-39.2	335.9	4.9	2.0	-1.5	332.7	333.9	0.3	19.0	5.3	66.
30.5	84.3	6852.9	350.0	-25.9	-45.1	340.4	5.5	2.3	-6.4	333.9	334.8	0.2	18.0	5.3	73.
32.5	89.4	7259.8	325.0	-29.6	-45.0	350.2	7.2	1.3	-7.4	335.9	336.5	0.2	18.5	5.4	82.
34.7	93.4	7731.0	300.0	-36.3	-47.7	374.2	5.1	2.7	-5.5	337.0	337.6	0.2	24.0	5.6	91.
37.0	97.8	8173.1	275.0	-39.4	-53.3	373.3	8.6	4.3	-7.5	339.2	338.5	0.1	23.6	6.1	102.
39.2	102.8	8568.2	250.0	-44.8	-59.9	376.4	8.6	3.5	-7.9	339.4	339.9	95.9	99.9	7.1	109.
42.4	109.0	9163.0	225.0	-50.5	-55.5	317.0	6.5	4.5	-4.9	341.1	999.9	95.9	99.9	8.1	116.
45.0	113.3	9730.5	200.0	-56.9	-60.5	341.0	4.5	1.5	-4.2	342.7	999.9	95.9	99.9	9.0	119.
48.1	119.3	10353.0	175.0	-62.9	-69.9	348.5	6.8	1.4	-6.7	346.3	999.9	95.9	99.9	10.0	124.
51.5	125.2	11031.0	150.0	-63.1	-79.9	300.5	10.2	8.8	-5.2	361.3	999.9	99.9	99.9	11.4	125.
55.6	132.7	11819.2	125.0	-65.2	-90.9	324.6	10.5	4.1	-8.5	376.9	999.9	95.9	99.9	13.9	126.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 550  
BIG SPRING, TEXAS

27 JUNE 1977  
2100 GMT

119 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	781.0	921.9	34.0	20.3	150.0	5.5	-2.8	4.8	316.4	363.1	16.5	40.0	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	14.9	999.2	900.0	32.2	15.6	999.9	99.9	99.9	99.9	314.7	350.1	12.5	34.8	999.9	999.
1.7	17.1	1251.8	875.0	30.9	14.0	181.4	5.9	0.1	5.9	315.9	349.1	11.6	35.8	0.9	6.
3.1	19.5	1510.7	850.0	28.8	12.4	180.8	6.3	0.1	6.3	316.3	347.1	10.7	36.3	1.4	4.
4.4	21.7	1775.5	825.0	26.3	13.0	190.9	6.3	0.1	6.3	316.4	349.4	11.5	43.8	1.9	3.
5.8	24.2	2045.1	800.0	23.9	10.4	173.3	7.3	-0.8	7.3	316.6	345.5	10.0	42.7	2.4	2.
6.8	26.7	2322.4	775.0	20.8	9.5	174.2	6.0	-0.6	6.0	316.1	344.2	9.7	44.5	2.9	1.
7.8	29.1	2595.2	750.0	18.3	8.3	175.9	6.2	-0.4	6.2	317.0	339.1	7.5	41.0	3.2	0.
8.3	31.7	2868.2	725.0	16.9	-0.5	171.2	5.6	-0.6	5.5	318.0	333.3	5.1	30.6	3.7	359.
9.9	34.3	3142.8	700.0	14.1	-1.6	171.5	3.1	-0.4	3.0	318.1	332.9	4.9	33.6	3.9	359.
11.1	36.9	3418.1	675.0	11.4	-3.7	221.8	0.9	0.6	0.6	318.4	331.5	4.3	34.4	4.1	358.
12.2	39.6	3692.6	650.0	9.5	-2.8	326.1	3.4	1.9	-2.9	319.7	334.3	4.8	42.2	3.9	360.
13.4	42.2	4176.4	625.0	5.8	-1.3	328.3	7.2	3.8	-6.1	319.1	336.0	5.6	60.4	3.6	3.
14.5	45.0	4440.4	600.0	2.9	-2.6	326.1	6.5	3.6	-5.4	319.5	335.5	5.3	66.6	3.2	8.
15.8	48.0	4617.6	575.0	1.0	-4.0	332.8	5.2	2.4	-4.6	321.1	336.3	5.0	69.2	2.9	13.
17.1	50.8	4790.0	550.0	-2.1	-6.9	335.9	5.9	2.4	-5.4	321.5	334.5	4.1	69.3	2.6	20.
15.4	53.9	4973.1	525.0	-3.9	-13.5	334.9	4.5	1.9	-4.1	322.6	330.8	2.6	60.8	2.3	27.
17.3	56.8	5151.0	500.0	-5.6	-21.0	310.4	3.5	2.7	-2.3	325.0	329.8	1.4	30.9	2.1	35.
21.1	60.0	5219.2	475.0	-9.0	-30.3	296.0	3.9	3.5	-1.7	326.8	329.1	0.6	15.8	2.2	42.
22.5	63.4	5735.0	450.0	-11.8	-26.9	309.7	2.8	2.2	-1.8	326.4	331.6	0.9	27.4	2.3	50.
24.0	66.6	6171.4	425.0	-14.8	-36.6	308.4	3.1	2.4	-1.9	330.1	331.5	0.4	13.5	2.3	55.
25.5	70.1	7427.2	400.0	-18.5	-38.2	304.9	3.0	2.4	-1.7	330.9	332.2	0.3	15.7	2.4	62.
27.1	73.7	8105.6	375.0	-22.1	-39.9	324.3	6.5	3.8	-5.3	332.4	333.5	0.3	18.0	2.6	71.
28.6	77.5	8609.4	350.0	-25.7	-42.5	335.0	7.1	3.0	-6.4	334.1	335.1	0.3	18.8	2.8	84.
30.4	81.3	9147.7	325.0	-29.2	-47.6	353.2	7.0	0.8	-7.0	335.4	337.0	0.2	14.9	3.0	99.
32.0	85.4	9710.5	300.0	-33.8	-50.4	353.2	6.3	0.2	-6.3	337.7	338.2	0.1	16.8	3.2	110.
33.9	89.7	10313.8	275.0	-38.7	-53.8	12.7	4.1	-1.3	-6.0	339.1	339.5	0.1	18.4	3.5	121.
35.7	94.4	10961.5	250.0	-43.5*	-59.9	357.5	5.5	0.6	-5.4	341.5	999.9	99.9	999.9	3.8	130.
38.0	99.2	11659.3	225.0	-50.0	-69.9	359.9	8.7	0.0	-8.7	341.9	999.9	99.9	999.9	4.5	140.
40.2	104.3	12419.4	200.0	-53.9	-99.9	344.1	5.9	1.6	-5.7	344.3	999.9	99.9	999.9	5.5	145.
42.4	110.0	13241.9	175.0	-58.9	-99.9	324.4	12.4	7.2	-10.1	352.7	999.9	99.9	999.9	6.5	146.
45.1	116.0	14271.9	150.0	-62.9	-99.9	312.3	14.6	10.8	-9.8	361.8	999.9	99.9	999.9	8.8	141.
48.1	123.0	15347.5	125.0	-63.8	-99.9	317.1	10.3	7.0	-7.6	370.5	999.9	99.9	999.9	10.7	142.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 266  
MIDLAND, TEXAS

27 JUNE 1977  
2230 GMT

91 175. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	877.0	913.5	35.0	15.9	150.0	7.4	-4.3	5.7	315.5	252.4	12.6	32.0	0.0	0.
02.9	99.9	59.9	1003.0	99.9	59.9	59.9	99.9	59.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
05.9	99.9	66.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
08.9	99.9	66.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
11.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
14.4	13.2	979.2	903.0	32.9	19.0	151.6	8.1	-3.3	7.1	315.4	356.7	14.6	41.4	0.3	334.
17.4	15.7	1233.0	875.0	30.3	15.7	155.6	8.7	-3.6	7.9	354.5	354.5	13.9	44.0	0.7	334.
20.4	17.2	1401.7	850.0	23.2	15.5	160.8	7.9	-2.5	7.5	315.7	353.1	13.2	46.0	1.3	335.
23.4	19.3	1756.7	825.0	25.3	14.0	170.0	6.9	-1.2	6.8	315.9	351.1	12.3	48.0	1.7	338.
26.4	21.3	2024.7	800.0	23.4	13.1	175.7	6.7	-0.0	6.7	315.1	350.3	12.0	52.3	2.1	341.
29.4	23.5	2304.4	775.0	21.0	11.5	207.9	5.5	2.5	6.7	316.4	348.3	11.1	54.6	2.4	346.
32.4	25.5	2564.6	750.0	18.6	9.5	218.3	6.0	3.7	4.7	316.7	345.6	10.0	55.4	2.6	352.
35.4	27.9	2874.7	725.0	15.7	6.5	243.3	5.5	4.8	2.6	316.7	342.0	8.7	55.7	2.8	359.
38.4	30.3	3174.8	700.0	13.2	4.7	250.4	5.0	4.9	0.8	317.1	339.1	7.5	54.7	3.0	5.
41.4	32.7	3474.9	675.0	11.4	1.1	260.8	5.0	4.9	-0.9	319.4	336.7	6.2	49.0	3.0	12.
44.4	35.2	3793.0	650.0	9.6	-0.0	263.1	5.6	5.2	-2.1	319.7	336.4	5.9	54.5	3.0	18.
47.4	37.6	4116.2	625.0	5.9	-1.7	297.2	6.4	5.7	-2.9	319.2	335.6	5.4	58.1	3.0	27.
50.4	40.1	4442.5	600.0	7.5	-4.1	304.2	6.4	5.0	-4.0	320.1	334.6	4.7	57.7	3.0	35.
53.4	42.5	4767.7	575.0	0.5	-5.7	324.5	5.5	7.6	-5.5	323.3	333.2	4.0	57.9	2.9	43.
56.4	45.2	5114.8	550.0	-2.4	-6.7	334.9	4.5	1.5	-4.2	321.0	334.0	4.2	73.4	2.7	58.
59.4	48.1	5514.8	525.0	-5.1	-8.7	334.9	3.0	1.1	-2.8	323.4	334.2	3.8	75.7	2.7	62.
62.4	50.4	5909.8	500.0	7.0	-12.0	353.0	2.5	1.9	-1.6	323.4	333.1	3.0	72.2	2.7	62.
65.4	52.9	6295.8	475.0	-0.7	-14.5	316.6	3.5	2.4	-2.5	324.7	331.6	2.1	60.1	2.8	66.
68.4	55.8	6700.6	450.0	-13.8	-17.6	323.1	4.1	2.4	-3.3	323.9	332.9	2.1	72.9	2.9	73.
71.4	58.0	7142.2	425.0	-15.0	-23.6	334.2	3.6	1.5	-3.3	323.6	333.1	1.3	51.6	3.0	79.
74.4	63.4	7577.1	400.0	-18.4	-33.6	7.5	5.0	-0.3	-5.9	323.2	323.0	0.6	28.3	3.0	87.
77.4	66.7	8022.2	375.0	-21.0	-22.0	7.5	5.1	-0.4	-3.1	322.7	322.1	0.7	35.0	3.0	101.
80.4	69.3	8475.4	350.0	-25.4	-42.2	6.1	3.5	-0.9	-8.4	315.5	335.5	0.3	16.7	3.2	116.
83.4	74.0	8112.9	325.0	-30.2	-41.4	13.0	9.2	-1.8	-8.0	335.1	336.3	0.3	32.2	3.7	132.
86.4	78.0	8475.4	300.0	-34.9	-42.2	24.7	6.7	-2.8	-5.1	335.2	337.4	0.3	46.7	4.0	142.
89.4	82.2	10277.0	275.0	-39.7	99.9	339.6	5.7	2.0	-5.7	337.7	999.9	99.9	999.9	4.4	148.
92.4	85.5	10622.3	250.0	-44.6	99.9	317.3	9.1	6.1	-6.7	333.8	999.9	99.9	999.9	5.4	147.
95.4	91.4	11619.2	225.0	-50.3	99.9	305.8	11.3	9.0	-6.7	341.5	999.9	99.9	999.9	6.5	145.
98.4	95.4	12378.4	200.0	-54.1	99.9	294.0	15.5	15.5	-5.6	345.0	999.9	99.9	999.9	8.1	139.
101.4	102.0	13213.4	175.0	-61.2	99.9	999.9	92.9	99.9	91.0	340.0	999.9	99.9	999.9	999.9	999.9
104.4	99.9	99.9	150.0	69.7	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
107.4	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
110.4	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
113.4	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
116.4	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
119.4	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
122.4	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

27 JUNE 1977  
2230 GMT

120 104. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTC	HEIGHT GPV	SPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	771.0	922.0	35.5	21.0	200.0	5.6	1.9	5.3	315.8	364.4	17.2	43.0	0.0	0.
93.9	99.9	96.9	1009.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
93.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
93.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
93.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
93.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
1.8	15.3	685.9	910.0	32.6	17.2	699.9	99.9	99.9	99.9	315.1	354.5	13.9	35.9	999.9	999.9
1.8	15.3	1251.3	975.0	29.4	15.6	172.0	7.3	-1.0	7.3	314.3	350.6	12.8	43.1	0.7	348.
2.4	20.7	1509.9	950.0	27.8	13.5	155.0	6.6	0.7	6.5	315.3	351.2	12.7	45.3	1.0	350.
3.2	27.1	1773.2	935.0	24.3	13.1	162.0	6.1	1.3	6.0	314.3	347.3	11.6	49.7	1.3	355.
4.5	25.6	2042.3	900.0	22.3	12.4	166.7	7.3	2.1	5.8	317.2	335.8	6.3	25.8	2.3	5.
5.4	28.1	2198.0	775.0	21.7	3.3	204.5	6.4	2.9	5.8	317.2	335.8	6.3	25.8	2.3	5.
5.8	30.8	2403.9	750.0	18.9	2.0	215.4	2.6	1.5	2.2	317.1	334.7	5.9	32.4	2.5	5.
9.2	35.9	2807.4	700.0	13.2	3.4	245.0	3.4	3.1	1.4	317.2	335.2	6.1	44.4	2.9	11.
10.5	35.7	2402.1	675.0	10.4	0.4	274.5	4.5	4.5	-0.5	317.3	334.7	5.9	50.0	3.0	17.
11.8	41.7	2935.0	650.0	7.7	-0.8	293.6	4.1	3.6	-2.0	317.7	334.3	5.6	54.9	3.0	24.
13.2	44.1	4127.2	625.0	4.9	-3.5	313.7	3.1	2.2	-2.1	318.0	332.4	4.8	54.7	2.9	30.
14.5	47.0	4459.0	600.0	3.1	-14.7	311.9	3.2	2.4	-2.1	319.7	326.2	2.0	25.5	2.9	34.
15.9	50.1	4502.0	575.0	0.2	-17.8	319.5	3.8	2.5	-2.9	320.2	325.5	1.6	24.3	2.9	40.
17.1	52.6	6156.7	550.0	-1.2	-23.3	327.1	4.0	2.2	-3.4	321.8	325.3	1.0	16.9	2.9	46.
18.4	55.9	5591.7	525.0	-2.7	-28.4	320.5	4.7	3.0	-3.6	322.8	327.9	1.6	30.5	2.8	53.
19.9	59.1	5502.2	500.0	-4.0	-34.1	319.7	4.7	3.5	-3.2	321.3	327.1	0.8	18.5	2.8	60.
-21.4	62.4	4704.4	475.0	-5.1	-39.9	324.1	4.9	4.0	-2.8	323.4	329.0	1.1	28.7	3.1	69.
23.1	65.8	2718.4	450.0	-6.4	-45.7	327.8	4.0	3.9	-1.0	324.4	329.2	0.9	26.1	3.4	75.
24.9	69.1	2151.5	425.0	-7.7	-51.7	320.3	5.1	5.0	-0.9	325.8	330.3	0.4	15.8	3.8	77.
25.8	72.7	2405.1	400.0	-8.6	-57.7	327.0	4.9	3.9	-3.0	330.4	331.8	0.4	17.0	4.3	82.
28.9	74.4	4031.0	375.0	-9.3	-63.5	322.6	5.3	2.7	-4.6	331.1	332.2	0.3	12.4	4.7	88.
30.9	90.7	5455.2	350.0	-9.3	-69.3	329.5	6.5	2.3	-6.1	333.7	334.1	0.2	17.6	5.0	96.
33.0	84.2	6114.2	325.0	-10.0	-75.0	328.5	6.3	3.3	-5.4	334.1	334.9	0.2	23.3	5.5	104.
35.3	89.2	10276.7	300.0	-10.4	-80.3	311.5	4.1	2.9	-5.4	334.1	334.7	0.2	27.7	6.1	109.
37.9	92.8	9475.7	275.0	-10.3	-85.4	317.4	4.5	5.7	-6.2	336.9	999.9	99.9	999.9	999.9	999.9
40.4	97.7	10010.2	250.0	-10.4	-90.9	309.9	3.2	6.3	-5.2	338.6	999.9	99.9	999.9	999.9	999.9
42.1	102.2	11012.2	225.0	-11.5	-96.9	320.2	6.5	4.2	-5.0	339.6	999.9	99.9	999.9	999.9	999.9
45.9	107.5	12367.9	200.0	-12.0	-102.0	11.1	2.6	-1.7	-3.4	342.7	999.9	99.9	999.9	10.1	124.
48.8	112.5	13034.2	175.0	-11.4	-107.0	9.5	8.4	-1.4	-3.3	343.6	999.9	99.9	999.9	10.8	133.
52.2	119.0	14150.2	150.0	-65.3	-112.5	259.9	13.8	12.1	-6.7	357.4	999.9	99.9	999.9	12.6	133.
56.4	125.8	15255.1	125.0	-67.5	-118.3	10.9	7.2	-3.1	-3.1	372.7	999.9	99.9	999.9	15.8	131.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

27 JUNE 1977  
2226 GMT

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TIME MIN	CONTCT	HEIGHT GEY	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GP/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	835.0	941.8	34.1	18.7	180.0	4.1	0.0	4.1	314.6	355.7	14.6	36.0	0.0	9.
09.9	95.0	895.0	1000.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
59.9	99.0	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.0	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
10.9	10.9	742.3	925.0	34.4*	09.0	156.9	3.1	-1.9	9.1	314.5	999.9	99.9	99.9	0.2	347.
1.3	1.3	995.7	500.0	32.0	12.1	171.4	7.6	-1.1	7.5	314.5	342.9	9.9	29.6	0.6	349.
2.4	14.8	1322.3	875.0	29.6	11.8	158.1	7.6	-1.6	7.5	314.6	343.3	10.0	37.4	1.1	349.
3.4	16.5	1505.9	950.0	27.0	11.3	175.5	5.4	-0.5	6.4	314.5	343.0	10.0	37.5	1.5	349.
4.3	19.6	1769.8	975.0	24.5	10.2	152.3	6.1	0.2	6.1	314.5	342.1	9.6	40.7	1.9	351.
5.3	20.6	2017.6	900.0	22.2	9.6	176.8	6.4	-0.0	6.4	314.8	342.0	9.5	44.8	2.3	353.
6.5	22.6	2312.5	775.0	19.5	9.7	150.6	7.1	0.1	7.1	314.8	343.0	9.8	52.8	2.7	354.
7.6	24.8	2522.9	725.0	17.5	2.7	192.1	6.0	0.3	5.9	315.6	334.1	6.3	37.5	3.2	355.
8.7	26.8	2892.9	700.0	16.1	-5.5	194.8	3.9	1.0	3.9	317.1	327.9	3.5	22.1	3.5	356.
9.8	29.1	3173.5	700.0	13.4	-5.6	215.9	3.3	1.9	2.7	317.3	327.5	3.3	24.0	3.7	358.
10.9	31.2	3484.2	675.0	11.2	-10.0	227.9	4.0	3.0	2.7	315.3	326.6	2.7	21.4	3.8	0.
11.9	33.5	3797.0	650.0	8.9	-10.6	247.4	3.9	3.5	1.5	315.1	327.3	2.6	23.9	4.0	4.
13.0	35.6	4120.8	625.0	6.2	-14.3	297.9	2.9	2.5	-1.5	319.6	326.1	2.0	21.3	4.0	7.
14.1	38.2	4452.4	600.0	3.3	-10.8	359.4	5.3	0.9	-5.2	319.9	328.8	2.8	35.5	3.8	8.
15.5	40.6	4795.7	575.0	0.6	-13.1	349.5	6.4	1.2	-6.3	320.5	325.8	1.6	23.8	3.2	11.
17.0	43.1	5152.2	550.0	-0.7	-15.9	372.9	4.7	2.1	-4.1	323.3	326.2	0.8	12.7	2.9	16.
19.1	45.7	5511.0	525.0	-3.3	-27.7	345.5	3.3	0.8	-3.1	324.4	327.0	0.7	13.1	2.6	20.
19.6	49.4	5939.5	500.0	-6.0	-39.2	344.4	5.0	1.4	-4.8	325.7	328.1	0.7	13.9	2.4	25.
21.1	51.0	6365.1	475.0	-8.2	-38.1	351.1	5.0	0.9	-4.9	327.9	329.8	0.5	12.4	2.0	32.
22.5	54.0	6722.1	450.0	-11.4	-33.9	371.8	4.5	2.0	-4.0	328.2	330.4	0.5	13.7	1.8	41.
23.9	56.9	7156.0	425.0	-13.1	-26.4	376.5	4.0	1.6	-3.6	328.2	330.7	0.4	14.6	1.7	52.
25.8	60.1	7411.1	400.0	-15.2	-19.2	343.7	5.7	1.5	-5.1	330.0	331.2	0.3	15.0	1.7	62.
27.4	61.1	8023.4	375.0	-22.2	-11.0	343.2	8.6	1.8	-8.6	332.2	333.2	0.3	16.2	1.7	92.
29.2	66.4	8502.0	350.0	-25.5	-8.6	357.0	9.6	1.0	-9.5	334.5	335.2	0.2	14.6	2.1	119.
31.0	70.0	9125.0	325.0	-35.7	-47.6	357.0	9.1	0.4	-8.1	335.3	336.9	0.2	15.0	2.7	135.
33.0	73.2	9661.7	300.0	-33.5	-30.5	357.0	9.1	-1.3	-9.0	334.1	338.6	0.1	16.2	3.5	147.
35.0	77.7	10265.7	275.0	-38.4	-28.0	357.0	8.0	-0.6	-8.0	339.6	339.9	0.1	17.3	4.3	157.
37.2	81.4	10823.7	250.0	-44.1	-24.1	359.9	4.0	0.4	-5.4	340.5	339.9	99.9	999.9	5.2	161.
39.5	85.9	11450.3	225.0	-50.3	99.9	359.9	7.0	0.0	-7.0	341.4	339.9	99.9	999.9	6.0	154.
42.0	90.5	12100.1	200.0	-54.2	99.9	359.9	6.4	-0.9	-6.3	341.7	339.9	99.9	999.9	7.0	167.
44.9	95.5	12750.5	175.0	-53.5	99.9	359.9	10.1	7.1	-7.2	350.0	339.9	99.9	999.9	8.0	167.
49.1	101.0	14193.7	150.0	-44.0	-49.9	307.0	15.2	12.1	-9.2	359.9	999.9	99.9	999.9	10.3	156.
55.5	107.0	15705.9	125.0	-48.6	99.9	309.1	10.9	8.5	-6.9	378.1	999.9	99.9	999.9	13.0	151.
56.6	113.4	16441.5	100.0	-65.6	99.9	999.9	99.9	99.9	99.9	399.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 550  
BIG SPRING, TEXAS

27 JUNE 1977  
2330 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFTGHT SPW	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEC M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	731.0	521.3	26.7	18.7	150.0	6.2	-2.2	5.9	317.2	355.8	15.0	35.0	0.0	0.
30.5	53.0	65.0	1000.0	59.9	57.9	59.9	99.9	59.9	99.9	99.9	999.9	99.9	999.9	995.9	999.
60.9	68.6	68.0	575.0	59.9	58.5	59.9	99.9	59.9	99.9	99.9	999.9	99.9	999.9	995.9	999.
90.9	99.9	55.9	550.0	59.9	59.5	59.9	99.9	59.9	99.9	99.9	999.9	99.9	999.9	995.9	999.
120.9	99.9	59.0	725.0	59.9	59.5	59.9	99.9	59.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
150.9	154.9	63.5	500.0	34.7	99.9	99.9	99.9	99.9	99.9	317.3	999.9	99.9	999.9	999.9	999.
180.9	184.3	1245.6	374.0	32.5	16.8	59.9	99.9	59.9	99.9	317.6	357.3	13.5	39.0	999.9	999.
210.9	204.5	505.2	350.0	29.9	15.8	177.0	9.6	-0.3	9.6	317.4	355.9	13.5	42.7	1.1	356.
240.9	233.0	1773.8	325.0	27.2	14.4	156.1	5.2	0.9	8.2	317.3	353.6	12.7	45.6	1.7	357.
270.9	254.4	2045.5	300.0	24.5	13.4	211.5	7.2	2.6	6.7	317.3	352.3	12.2	49.8	2.1	1.
300.9	274.1	2294.1	275.0	22.4	12.6	233.3	5.1	2.9	7.5	317.9	352.2	11.9	53.9	2.6	5.
330.9	304.6	2538.3	250.0	19.4	10.7	152.5	5.2	1.1	5.1	317.6	349.0	10.9	57.0	3.1	7.
360.9	334.2	2783.1	225.0	17.6	-0.2	195.0	3.2	1.0	3.6	318.8	334.5	5.2	29.9	3.4	8.
390.9	354.6	3027.6	200.0	15.3	-2.0	199.8	3.0	0.5	3.0	319.5	333.8	4.7	30.2	3.6	8.
420.9	384.2	3272.4	175.0	12.9	-2.9	234.5	0.4	0.2	0.3	320.1	334.1	4.6	33.1	3.7	8.
450.9	413.8	3517.2	150.0	10.4	0.5	274.4	2.5	1.3	-2.6	320.7	329.4	6.2	50.8	3.6	9.
480.9	443.4	3762.0	125.0	7.2	0.2	313.2	3.7	1.7	-3.3	320.9	335.7	6.0	60.3	3.4	11.
510.9	473.0	4006.8	100.0	4.5	-0.9	352.4	4.9	1.5	-4.7	321.5	339.6	6.0	67.5	3.2	15.
540.9	502.6	4251.6	75.0	1.9	-3.1	391.2	4.4	0.8	-4.7	322.2	335.5	5.3	65.6	2.8	19.
570.9	532.2	4496.4	50.0	-1.0	-7.0	330.6	3.2	0.3	-3.2	322.9	329.7	4.1	63.5	2.5	21.
600.9	561.8	4741.2	25.0	-2.0	-20.3	322.5	2.5	1.3	-2.5	324.9	329.8	1.4	24.7	2.4	24.
630.9	591.4	4986.0	0.0	-5.7	-19.1	312.2	4.0	2.9	-2.7	325.1	332.1	1.8	27.0	2.3	30.
660.9	621.0	5230.8	475.0	-9.7	-24.2	398.2	4.4	3.4	-2.7	327.8	331.7	1.1	26.6	2.2	40.
690.9	650.6	5475.6	450.0	-10.7	-24.8	322.7	3.1	1.9	-2.4	329.8	323.7	1.1	30.3	2.3	47.
720.9	680.2	5720.4	425.0	-13.4	-24.8	325.5	2.7	2.5	-1.2	331.8	333.6	0.5	15.7	2.3	54.
750.9	709.8	5965.2	400.0	-17.5	-34.0	315.2	3.3	1.5	-2.9	332.2	333.8	0.4	18.0	2.4	59.
780.9	739.4	6210.0	375.0	-21.1	-37.5	310.1	7.2	1.4	-7.1	333.7	335.1	0.4	21.2	2.3	72.
810.9	769.0	6454.8	350.0	-24.0	-41.4	305.5	9.2	1.4	-9.2	335.6	336.7	0.3	19.2	2.4	96.
840.9	798.6	6700.0	325.0	-28.0	-45.3	353.7	6.7	0.7	-6.7	338.1	338.9	0.2	17.1	2.6	113.
870.9	828.2	6945.6	300.0	-32.8	-49.9	358.6	6.2	0.0	-6.2	339.2	339.9	99.9	999.9	3.0	125.
900.9	857.8	7190.4	275.0	-38.0	-51.3	358.7	7.5	0.2	-7.5	340.2	340.7	0.1	22.9	3.6	135.
930.9	887.4	7435.2	250.0	-43.3	-59.5	351.0	5.3	0.9	-5.7	341.7	345.6	95.9	959.9	4.3	143.
960.9	917.0	7680.0	225.0	-48.0	-63.9	353.8	3.8	0.9	-8.7	343.5	349.9	99.9	999.9	5.2	148.
990.9	946.6	7924.8	200.0	-54.2	-69.5	317.5	3.5	6.0	-8.5	347.0	359.9	99.9	999.9	5.9	151.
1020.9	976.2	8169.6	175.0	-59.5	-74.5	306.2	17.9	11.1	-9.3	351.6	369.9	99.9	999.9	7.8	145.
1050.9	1005.8	8414.4	150.0	-64.5	-79.9	314.0	20.0	14.4	-13.9	355.9	379.9	99.9	999.9	10.8	142.
1080.9	1035.4	8659.2	125.0	-69.6	-85.9	285.1	11.6	10.1	-5.6	379.8	399.9	99.9	999.9	13.8	139.
1110.9	1065.0	8904.0	100.0	-74.9	-91.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1140.9	1094.6	9148.8	75.0	-80.9	-99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1170.9	1124.2	9393.6	50.0	-85.9	-95.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1200.9	1153.8	9638.4	25.0	-90.9	-99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1230.9	1183.4	9883.2	0.0	-95.9	-99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1260.9	1213.0	10128.0	25.0	-99.9	-99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

28 JUNE 1977  
0 GMT

113 102. 0

TIME MIN	CNTCT	HFKTHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	873.0	516.3	33.9	14.9	150.0	5.9	-3.4	6.0	315.4	349.0	11.8	32.0	0.0	0.
99.9	98.9	92.9	1000.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.4	13.3	992.1	500.0	33.2	15.6	159.3	9.2	8.6	10.1	315.8	351.4	12.5	34.7	0.2	337.
1.2	15.3	1235.1	375.0	31.3	10.1	316.3	10.7	-3.3	8.6	316.3	350.7	12.0	36.3	0.6	339.
2.2	17.2	1405.2	950.0	29.0	13.9	169.7	9.8	-1.7	9.6	316.5	350.5	11.9	35.8	1.2	342.
3.1	19.3	1760.2	825.0	26.7	12.6	179.3	8.7	-0.1	8.7	316.9	349.2	11.2	41.6	1.8	346.
4.2	21.3	2071.7	800.0	24.7	11.6	187.5	8.1	1.1	8.1	317.0	348.3	10.9	45.2	2.3	350.
5.2	23.5	2382.4	775.0	21.5	10.4	197.1	6.9	2.0	6.5	317.0	346.8	10.3	45.0	2.7	354.
5.4	25.6	2532.1	750.0	19.1	9.7	210.6	6.2	3.2	5.3	317.3	346.7	10.2	54.5	3.1	359.
7.5	27.9	2932.5	725.0	16.3	9.2	222.8	5.3	4.3	4.5	317.4	345.2	9.6	55.0	3.5	2.
9.6	30.2	3190.6	700.0	14.2	8.6	234.4	5.9	5.7	1.6	318.3	339.5	7.2	45.1	3.7	7.
9.7	32.7	3497.1	675.0	12.5	-0.8	250.0	4.8	4.5	-1.6	319.7	335.9	5.4	39.7	3.8	13.
10.9	35.2	3802.9	650.0	10.3	-1.7	309.5	4.0	3.8	-3.0	320.6	326.4	5.2	42.2	3.7	17.
12.0	37.5	4127.5	625.0	7.6	-3.5	317.9	4.0	4.0	-4.5	320.4	324.8	4.7	47.4	3.5	23.
13.0	40.1	4461.5	600.0	4.2	-4.1	321.9	5.9	3.7	-4.7	321.0	323.4	4.7	54.5	3.4	29.
14.1	42.6	4806.4	575.0	1.6	-6.4	321.1	5.7	2.1	-5.3	321.9	324.6	4.1	55.1	3.2	34.
15.1	45.3	5151.2	550.0	-1.5	-6.0	323.5	5.1	0.9	-5.0	322.7	326.0	4.4	71.2	3.0	39.
15.2	48.2	5532.2	525.0	-4.7	-5.7	327.2	3.6	0.8	-3.5	323.8	327.5	4.8	92.2	2.8	44.
17.4	50.9	5918.9	500.0	-7.5	-9.3	330.6	2.5	1.2	-2.2	323.7	325.6	3.8	87.9	2.7	47.
18.7	54.0	6312.5	475.0	-10.1	-14.2	331.8	3.4	0.5	-3.4	324.1	324.1	2.7	71.7	2.7	52.
20.2	55.9	6727.7	450.0	-12.7	-20.6	331.9	4.8	0.7	-4.8	327.3	332.8	1.6	51.3	2.5	59.
22.0	60.1	7162.4	425.0	-14.7	-24.7	328.6	5.4	0.7	-5.4	330.1	334.5	1.3	44.3	2.3	72.
23.9	63.6	7616.7	400.0	-17.2	-29.0	325.6	4.9	0.5	-5.4	332.6	335.7	0.9	35.7	2.3	87.
25.5	67.0	8092.9	375.0	-21.2	-30.9	325.7	7.0	1.7	-6.8	333.2	336.0	0.9	41.8	2.4	100.
26.9	70.5	8602.7	350.0	-25.2	-33.0	320.0	6.6	-0.6	-5.5	334.2	337.3	0.7	47.5	2.6	112.
28.3	74.3	9140.2	325.0	-29.3	-39.4	24.6	7.0	-2.9	-6.4	335.4	337.8	0.4	36.9	2.8	124.
29.8	78.5	9705.0	300.0	-34.2	-42.8	15.1	6.7	-1.7	-5.5	337.1	338.9	0.5	70.0	2.8	136.
31.6	82.5	10305.9	275.0	-39.5	-42.8	15.1	6.7	-1.7	-6.5	339.3	340.5	0.3	64.2	3.1	145.
33.7	87.0	10955.8	250.0	-43.9	99.5	32.6	7.7	3.4	-6.9	340.9	340.9	99.9	959.9	3.9	155.
35.6	91.9	11652.3	225.0	-48.2	99.9	306.2	13.1	10.6	-7.7	344.7	344.7	99.9	959.9	5.0	151.
37.9	97.0	12421.4	200.0	-54.7	99.5	273.7	18.3	18.1	-2.8	346.2	346.2	99.9	959.9	6.7	140.
40.2	102.5	13270.5	175.0	-58.1	99.9	264.7	22.3	21.5	-5.7	352.3	349.9	99.9	999.9	9.5	127.
43.4	109.0	14221.4	150.0	-61.4	99.9	313.3	21.1	14.0	-15.7	359.2	349.9	99.9	959.9	13.2	126.
47.2	115.0	15724.8	125.0	-57.2	99.5	312.8	14.3	10.5	-9.7	373.2	349.9	99.9	959.9	17.7	127.
90.9	90.9	60.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

28 JUNE 1977  
0 GMT

126 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CVTC	HEIGHT GM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH FCT	RANGE KM	AZ DG
0.0	14.2	771.0	322.5	33.1	26.5	150.0	3.7	0.6	3.5	313.4	361.4	17.2	49.0	0.0	0.
05.5	95.9	62.9	1000.0	95.9	99.0	99.0	95.0	99.9	97.9	95.9	999.9	95.9	955.9	999.9	999.9
07.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	99.9	999.9	999.9	999.9
0.8	16.3	999.9	999.9	99.9	99.9	999.9	99.9	99.9	99.9	315.6	354.2	13.4	35.2	999.9	999.9
1.8	18.9	1217.6	975.0	70.5	13.7	999.9	99.9	99.9	99.9	315.6	348.1	11.4	35.7	999.9	999.9
2.7	21.3	1505.8	450.0	29.6	15.0	172.5	7.4	-1.0	7.3	316.1	352.3	12.7	43.5	1.3	350.
3.7	24.0	1770.9	625.0	25.4	12.5	191.2	8.2	0.2	8.2	315.5	347.3	11.1	44.5	1.8	352.
4.6	26.5	2041.4	800.0	23.4	12.0	194.4	7.4	0.6	7.4	315.1	348.1	11.2	48.8	2.2	354.
5.5	29.1	2317.5	775.0	20.7	5.8	187.6	7.7	1.0	7.6	315.0	344.6	9.9	45.7	2.7	357.
6.7	32.1	2600.3	700.0	19.0	3.2	185.9	5.1	0.5	5.0	317.2	336.4	6.5	35.0	3.1	358.
7.9	34.9	2850.4	700.0	16.5	2.9	234.1	1.5	1.2	0.9	317.7	337.1	6.5	35.7	3.3	359.
9.0	37.6	3157.8	700.0	13.5	3.5	255.9	2.3	2.3	0.1	317.5	338.5	7.1	50.9	3.2	1.
10.1	40.4	3497.0	575.0	10.2	4.2	269.9	3.2	2.8	-1.6	317.0	339.6	7.7	66.5	3.3	4.
11.4	43.2	3805.9	650.0	7.1	1.5	335.4	4.3	1.8	-3.9	317.0	337.1	6.8	65.6	3.0	8.
12.5	46.1	4127.4	625.0	5.1	-1.5	343.0	3.9	0.9	-3.7	318.3	334.7	5.5	61.9	2.9	11.
13.6	49.1	4459.3	600.0	2.8	-5.4	350.0	4.9	0.3	-4.8	319.3	331.8	4.2	55.1	2.5	13.
14.7	52.1	4812.4	575.0	0.7	-12.5	359.0	5.4	-0.5	-5.4	320.3	327.8	2.4	35.0	2.2	15.
15.0	55.4	5155.2	550.0	-2.7	-19.0	365.0	6.7	-0.9	-6.7	320.9	326.0	1.5	27.1	1.7	17.
17.4	59.7	5624.1	500.0	-5.2	-25.8	374.0	7.0	-0.8	-3.1	322.2	327.6	1.7	23.5	1.1	25.
19.9	62.1	6023.0	500.0	-6.2	-32.9	383.0	8.2	-0.8	-6.9	323.0	325.7	0.9	18.7	0.5	51.
20.4	65.5	6350.2	475.0	-11.2	-38.7	392.0	9.1	-2.0	-5.8	323.1	325.3	0.6	16.2	0.4	127.
21.8	67.0	6713.4	450.0	-14.2	-45.2	399.0	9.8	-1.5	-3.5	323.2	325.0	2.0	71.7	0.7	173.
23.4	72.5	7144.9	425.0	-17.0	-52.4	406.0	10.7	1.1	-3.5	323.2	325.7	0.7	25.9	0.9	174.
25.3	74.7	7597.0	400.0	-18.9	-58.3	413.0	11.0	-0.3	-3.0	323.1	325.9	1.1	57.0	1.3	170.
27.0	80.4	8074.1	375.0	-22.1	-64.6	420.0	11.9	-0.5	-3.9	323.1	326.0	0.3	16.5	1.6	177.
28.6	84.3	8575.7	350.0	-26.6	-71.5	427.0	12.8	1.7	-5.3	323.1	326.0	0.2	22.6	2.1	176.
30.4	88.7	9107.2	325.0	-31.0	-78.3	434.0	13.9	4.2	-6.7	323.1	326.0	0.2	28.5	2.8	170.
32.9	92.8	9640.9	300.0	-35.5	-85.5	441.0	15.2	5.1	-8.8	323.1	326.0	0.2	24.7	4.0	162.
35.9	97.2	10271.1	275.0	-39.1	-93.3	448.0	16.7	7.7	-7.5	323.1	326.0	0.1	20.4	5.7	156.
39.2	102.0	10917.1	250.0	-44.1	-101.9	455.0	18.9	9.2	-5.5	343.5	999.9	99.9	999.9	7.6	149.
41.8	107.4	11415.3	225.0	-49.2	-110.5	462.0	21.4	10.7	-8.0	341.6	999.9	99.9	955.9	9.7	144.
43.9	113.0	12373.4	200.0	-54.6	-119.5	469.0	24.2	5.6	-10.8	343.2	999.9	99.9	955.9	11.1	143.
46.2	118.9	13307.0	175.0	-60.2	-128.5	476.0	27.6	4.2	-6.4	345.6	999.9	95.9	955.9	12.5	145.
49.1	125.4	14142.0	150.0	-67.3	-137.2	483.0	31.7	2.9	-7.7	352.2	999.9	99.9	955.9	14.0	143.
53.7	132.5	15254.4	125.0	-74.5	-146.9	490.0	36.9	11.2	-3.2	380.1	999.9	99.9	955.9	16.7	143.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 15 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

27 JUNE 1977  
2357 GMT

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D-240

TIME MIN	CONTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	595.0	941.1	35.5	19.0	183.0	4.6	0.0	4.6	314.1	355.9	14.9	38.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.2	742.0	925.0	34.2	14.9	173.0	7.8	-0.9	7.7	314.3	347.3	11.6	31.5	0.3	343.
1.0	13.3	999.5	900.0	32.2	13.6	180.0	7.6	-0.0	7.6	314.7	346.1	11.0	32.4	0.6	348.
1.6	15.2	1242.2	875.0	29.5	12.3	188.2	6.6	0.9	6.5	314.6	344.2	10.4	34.5	0.8	354.
2.3	17.1	1500.1	850.0	27.9	11.7	188.3	6.3	0.9	6.2	315.4	344.8	10.3	36.6	1.1	357.
3.1	19.3	1757.7	825.0	25.3	11.6	189.6	5.8	1.0	5.7	315.3	345.3	10.5	42.3	1.4	360.
4.1	21.2	2037.0	800.0	22.4	9.9	182.3	8.0	0.3	8.0	315.0	342.7	9.6	44.9	1.8	1.
5.1	23.4	2308.5	775.0	20.0	9.8	180.3	7.6	0.0	7.6	315.3	343.2	9.9	51.9	2.2	1.
6.1	25.5	2590.4	750.0	17.1	9.9	180.7	6.5	0.1	6.5	315.2	344.7	10.3	62.7	2.7	1.
7.3	27.8	2879.0	725.0	15.4	-0.5	178.5	4.8	-0.1	4.8	315.4	332.0	5.3	34.6	3.1	1.
8.5	30.1	3178.3	700.0	13.3	-3.6	192.3	2.7	0.6	2.6	317.2	329.1	3.9	28.3	3.3	1.
9.5	32.1	3479.9	675.0	11.4	-8.2	231.4	2.5	1.9	1.5	318.4	327.9	3.1	24.4	3.5	2.
10.8	34.5	3793.8	650.0	9.3	-9.4	319.9	2.4	1.5	-1.8	319.5	328.5	2.9	25.5	3.5	5.
11.9	36.9	4117.2	625.0	6.4	-9.7	7.1	4.7	-0.6	-4.7	319.8	328.9	2.9	30.3	3.3	6.
13.0	39.4	4450.2	600.0	2.9	-4.8	7.8	6.4	-0.9	-6.3	319.5	333.2	4.5	57.0	2.9	5.
14.2	41.9	4757.3	575.0	0.0	-13.6	357.6	5.3	0.2	-5.3	320.0	327.6	2.4	35.9	2.4	5.
15.5	44.5	5140.1	550.0	-1.1	-23.9	327.2	3.9	2.1	-3.2	322.8	326.2	1.0	15.7	2.1	8.
16.8	47.1	5518.1	525.0	-3.7	-26.2	341.0	3.0	1.0	-2.8	324.0	327.0	0.9	15.4	1.9	15.
18.2	49.9	5901.4	500.0	-6.3	-28.2	359.4	3.6	0.1	-3.6	325.4	327.9	0.7	15.6	1.7	17.
19.7	52.5	6200.6	475.0	-8.9	-30.3	11.1	3.5	-0.7	-3.5	327.0	329.2	0.6	15.3	1.3	21.
21.0	55.5	6716.9	450.0	-12.4	-33.2	7.1	3.3	-0.4	-3.2	327.7	329.5	0.5	15.6	1.1	22.
22.5	58.5	7150.5	425.0	-16.0	-35.7	8.5	4.0	-0.6	-3.9	328.5	330.0	0.4	16.4	0.8	29.
24.2	61.6	7604.2	400.0	-19.1	-38.0	7.5	5.1	-0.7	-5.0	320.2	331.5	0.4	16.9	0.4	53.
25.9	64.9	8091.0	375.0	-23.0	-41.2	2.9	7.3	-0.4	-7.3	331.2	332.2	0.3	17.0	0.5	140.
27.6	69.1	8584.4	350.0	-25.6	-43.8	10.9	8.8	-1.7	-8.6	334.2	335.1	0.2	16.1	1.2	173.
29.5	71.7	9117.2	325.0	-29.7	-47.1	3.2	9.1	-0.5	-9.1	335.7	336.4	0.2	16.5	2.2	179.
31.5	75.4	9653.0	300.0	-34.1	-50.6	5.2	8.5	-0.8	-8.4	337.3	337.8	0.1	16.8	3.2	181.
33.6	79.3	10285.9	275.0	-39.0	99.9	356.4	9.8	0.6	-9.8	338.7	999.9	99.9	999.9	4.4	181.
35.8	83.5	10972.5	250.0	-44.3	99.9	351.4	6.5	1.0	-6.4	340.2	999.9	99.9	999.9	5.5	179.
37.9	87.8	11628.6	225.0	-50.8	99.9	0.3	5.9	-0.0	-5.9	340.7	999.9	99.9	999.9	6.3	179.
40.0	92.6	12386.5	200.0	-56.2	99.9	330.3	7.0	3.5	-6.0	343.8	999.9	99.9	999.9	7.1	179.
42.6	97.6	13255.4	175.0	-61.3	99.9	305.4	18.1	14.8	-10.5	348.8	999.9	99.9	999.9	8.6	169.
45.4	103.0	14172.2	150.0	-64.1	99.9	317.0	20.4	13.9	-15.0	359.7	999.9	99.9	999.9	11.5	159.
48.5	109.0	15285.1	125.0	-65.7	99.9	304.0	11.0	9.1	-6.2	375.1	999.9	99.9	999.9	14.7	153.
54.3	115.5	16534.7	100.0	-66.9	99.9	999.9	99.9	99.9	99.9	398.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 550  
BIG SPRING, TEXAS

28 JUNE 1977  
3 GMT

119 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG <	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	731.0	921.0	32.0	20.9	170.0	4.2	-0.7	4.1	312.4	360.2	17.2	52.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	15.0	999.0	900.0	32.1*	16.3	999.9	99.9	99.9	99.9	314.6	351.7	13.1	38.9	999.9	999.
1.5	17.2	1241.4	875.0	29.0	14.7	999.9	99.9	99.9	99.9	314.6	348.2	12.1	41.6	999.9	999.
2.4	19.6	1499.9	850.0	26.6	13.4	180.2	9.6	0.0	9.6	314.0	346.5	11.4	44.0	1.4	0.
3.3	21.9	1741.8	825.0	24.6	11.9	187.7	6.9	0.9	6.8	314.6	345.1	10.7	45.1	1.8	1.
4.2	24.5	2010.8	800.0	22.1	10.0	192.4	7.2	1.6	7.0	314.7	342.6	9.7	46.3	2.2	3.
5.2	26.8	2305.8	775.0	19.9	7.0	195.5	6.8	1.9	6.7	315.2	338.9	8.1	42.9	2.6	4.
6.2	29.4	2597.5	750.0	17.8	2.2	186.6	8.9	1.4	4.7	315.9	333.8	5.1	35.5	3.0	6.
7.3	32.0	2874.1	725.0	15.1	2.6	173.7	4.2	-0.1	4.2	316.1	334.9	6.4	42.3	3.3	6.
8.3	34.8	3172.5	700.0	12.6	1.7	162.3	3.4	0.7	3.3	316.4	334.9	6.2	47.6	3.5	5.
9.5	37.2	3474.9	675.0	10.7	-4.9	165.8	1.8	0.5	1.7	317.6	329.6	3.9	33.0	3.7	6.
10.6	40.1	3790.1	650.0	7.9	-2.2	26.6	0.8	-0.4	-0.7	317.8	332.9	5.0	49.0	3.7	6.
11.8	42.7	4112.5	625.0	5.1	-1.2	359.4	1.9	0.1	-1.9	318.3	335.2	5.6	63.5	3.6	6.
12.9	45.6	4444.5	600.0	2.2	-2.5	342.5	4.0	1.2	-3.8	318.7	334.6	5.3	70.9	3.4	7.
14.1	48.6	4787.1	575.0	-0.5	-3.4	346.9	4.1	0.9	-3.9	319.4	335.1	5.2	80.7	3.1	10.
15.3	51.5	5141.8	550.0	-2.7	-4.6	354.7	3.1	0.3	-3.1	321.4	333.3	3.9	65.6	2.9	11.
16.5	54.6	5502.5	525.0	-5.2	-13.9	314.9	3.4	2.4	-2.4	322.1	330.1	2.5	50.6	2.7	13.
17.8	57.6	5891.4	500.0	-7.9	-14.9	306.4	-4.0	3.2	-2.4	324.0	331.7	2.4	54.9	2.7	19.
19.1	60.9	6299.8	475.0	-10.0	-17.1	316.9	4.7	3.2	-3.5	325.2	332.0	2.1	57.3	2.5	27.
20.4	64.3	6707.5	450.0	-12.7	-24.7	346.5	3.1	0.7	-3.1	327.3	331.1	1.1	35.6	2.4	34.
21.8	67.6	7137.5	425.0	-15.7	-33.4	12.9	2.6	-0.6	-2.5	328.8	330.9	0.6	22.6	2.2	36.
23.2	70.9	7591.4	400.0	-19.0	-37.7	11.1	3.0	-0.6	-3.0	329.3	331.6	0.4	17.3	2.0	38.
24.9	74.7	8060.4	375.0	-22.3	-32.6	7.5	2.7	-1.3	-3.6	322.1	334.5	0.7	38.6	1.7	48.
25.5	78.5	8577.0	350.0	-25.6	-44.6	10.4	8.7	-2.9	-3.2	334.4	336.2	0.2	14.6	0.9	94.
29.2	92.3	9104.4	325.0	-29.8	-45.9	14.2	8.7	-2.1	-3.4	325.7	336.3	0.2	16.9	1.0	131.
29.9	95.3	9479.0	300.0	-34.0	-47.3	8.7	7.5	-1.1	-7.4	337.4	338.1	0.2	24.6	1.6	162.
31.8	99.8	10274.9	275.0	-39.1	-47.3	359.4	7.1	0.1	-7.1	334.6	339.3	0.2	41.2	2.5	171.
37.6	95.3	10923.0	250.0	-43.2	99.9	322.5	9.6	5.9	-7.6	341.8	999.9	99.9	999.9	3.3	168.
35.7	100.2	11622.7	225.0	-49.3	99.9	311.8	14.3	10.5	-7.5	342.9	999.9	99.9	999.9	4.6	158.
39.1	105.4	12394.3	200.0	-55.1	99.9	323.9	15.2	8.9	-12.3	345.5	999.9	99.9	999.9	6.7	152.
40.5	110.8	13223.6	175.0	-62.3	99.9	311.3	15.6	11.7	-10.3	347.2	999.9	99.9	999.9	9.2	149.
47.2	116.8	14198.6	150.0	-64.2	99.9	311.0	13.3	10.0	-9.7	349.5	999.9	99.9	999.9	11.4	145.
46.8	127.7	15291.3	125.0	-65.2	99.9	324.5	10.0	5.7	-9.3	375.1	999.9	99.9	999.9	14.0	143.
50.9	131.0	16640.4	100.0	-64.0	99.9	399.9	99.9	99.9	99.9	402.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 # BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
COST. TEXAS

28 JUNE 1977  
133 GMT

123 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM 30-DEGREE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.6	771.0	927.5	30.7	19.3	180.0	2.1	0.0	2.1	310.4	353.3	15.5	52.0	0.0	0.
99.9	59.6	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.0	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	13.2	1002.5	900.0	31.3	17.1	99.9	99.9	99.9	99.9	314.3	353.4	13.8	41.6	999.9	999.9
1.9	17.5	1258.7	875.0	30.0	15.2	126.0	11.1	1.2	11.1	314.9	350.5	12.5	40.8	1.3	7.
3.0	20.1	1511.9	850.0	27.9	13.6	145.7	9.2	1.1	9.2	315.3	348.6	11.6	41.6	1.9	7.
4.0	22.5	1776.2	825.0	25.8	11.7	190.9	10.1	1.7	9.9	315.8	346.2	10.6	41.5	2.5	7.
5.0	25.3	2044.7	800.0	23.1	11.3	193.7	9.2	2.0	9.0	315.7	346.1	10.6	47.4	3.1	8.
5.1	27.8	2323.1	775.0	19.5	9.3	193.2	9.5	2.2	9.2	313.3	341.3	9.6	54.9	3.7	9.
7.3	39.4	3407.9	750.0	16.5	7.0	190.4	8.5	1.6	8.7	314.5	342.2	9.7	61.2	4.4	9.
9.3	53.0	4931.7	725.0	13.7	5.7	156.7	6.1	0.7	6.1	314.5	342.2	5.2	67.0	4.9	9.
9.5	55.7	5197.1	700.0	12.2	3.3	174.3	2.6	-0.3	2.6	316.0	336.5	7.0	54.4	5.2	8.
10.5	58.4	5460.0	675.0	8.9	3.4	42.9	0.5	-0.6	-0.7	315.5	335.9	7.3	69.0	5.2	8.
11.5	41.1	3803.3	650.0	5.8	1.3	24.1	3.8	-1.6	-3.5	316.7	335.9	6.5	67.8	5.1	8.
12.6	44.1	4123.5	625.0	4.9	-2.9	28.9	6.0	-2.9	-5.3	319.1	333.0	5.0	56.9	4.8	7.
13.6	47.1	4455.5	600.0	3.4	-7.1	24.5	7.0	-3.4	-5.2	313.9	330.4	3.8	46.6	4.4	5.
14.7	50.1	4788.3	575.0	0.1	-9.5	23.8	7.3	-4.1	-6.0	320.1	320.6	3.4	50.9	3.6	1.
15.8	53.0	5123.5	550.0	-2.0	-10.0	33.4	6.7	-3.7	-5.6	321.8	320.0	3.3	54.1	3.6	357.
17.3	56.1	5521.5	525.0	-4.5	-19.5	37.5	5.2	-2.9	-4.2	323.0	328.7	1.7	33.4	3.2	352.
19.0	59.4	5904.2	500.0	-7.9	-22.5	35.6	3.6	-1.1	-3.4	314.6	329.8	1.2	27.2	2.8	345.
20.6	62.8	6279.4	475.0	-12.0	-16.5	31.4	3.0	2.3	-2.3	325.6	332.8	2.2	58.9	2.6	346.
22.0	66.0	6714.0	450.0	-12.3	-13.2	316.4	3.7	2.5	-2.7	327.1	333.6	2.0	64.3	2.3	350.
23.3	69.7	7153.2	425.0	-16.6	-23.6	330.8	2.1	1.0	-1.9	327.7	332.2	1.3	54.8	2.1	353.
25.1	73.1	7573.3	400.0	-20.1	-34.0	343.3	3.5	0.7	-3.4	329.9	330.8	0.5	27.4	1.8	355.
26.7	77.0	8078.4	375.0	-24.4	-35.4	37.5	3.6	-0.5	-2.3	335.3	330.5	0.3	22.8	1.5	353.
28.7	80.0	8573.0	350.0	-27.4	-42.1	3.4	5.4	-0.3	-5.2	331.9	332.9	0.3	22.9	1.0	349.
30.9	84.9	9107.2	325.0	-31.7	-40.1	27.3	5.3	-2.4	-4.7	333.0	334.3	0.4	42.9	0.5	318.
33.0	90.0	9666.3	300.0	-35.9	-41.5	340.7	15.4	5.1	-14.5	334.8	336.0	0.3	53.6	1.1	135.
34.9	92.6	10246.0	275.0	-40.2	-36.5	337.5	12.0	5.3	-10.7	337.0	339.9	99.9	999.9	2.4	171.
37.2	98.2	10835.8	250.0	-45.2	-39.9	335.0	11.2	5.5	-11.7	339.0	339.9	99.9	999.9	4.1	167.
37.5	103.0	11407.0	225.0	-50.7	-39.9	331.4	13.9	6.3	-8.5	340.9	336.9	99.9	999.9	99.9	162.
42.2	109.5	12177.0	200.0	-58.0	-39.9	304.5	11.0	8.6	-6.9	341.0	339.9	99.9	999.9	7.3	155.
45.0	114.0	13195.6	175.0	-64.7	-39.9	304.3	5.8	5.6	-3.5	343.3	339.9	99.9	999.9	8.7	151.
47.9	120.3	14155.5	150.0	-67.1	-38.9	315.7	13.2	7.1	-7.3	344.6	339.9	99.9	999.9	9.9	147.
51.5	127.0	15231.6	125.0	-67.5	-38.7	328.7	12.5	6.3	-10.8	342.6	339.9	99.9	999.9	12.2	145.
99.9	99.6	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.6	99.9	75.0	59.7	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	0.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

28 JUNE 1977  
130 GMT

107 93. 0

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E PDT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	99.9	685.0	949.4	31.5	22.5	180.0	1.0	0.0	1.0	309.6	360.7	18.6	95.0	0.0	0.
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.4	10.4	752.5	925.0	32.5*	99.9	99.9	99.9	99.9	99.9	312.5	360.7	18.6	95.0	0.0	0.
1.4	12.7	699.4	900.0	31.0	16.7	999.9	99.9	99.9	99.9	313.5	351.4	13.5	42.3	999.9	999.
2.4	14.7	1251.4	875.0	28.7	15.2	125.5	9.4	1.1	9.4	313.6	349.0	12.6	44.0	1.1	3.
3.5	16.5	1504.6	850.0	26.3	14.2	125.2	10.4	1.1	10.3	313.7	348.0	12.1	47.4	1.7	5.
4.5	18.5	1771.1	825.0	23.4	13.2	120.5	9.5	1.7	9.3	313.4	346.4	11.7	52.7	2.3	5.
5.7	20.5	2039.1	800.0	20.9	12.5	122.6	9.7	1.9	8.5	313.3	345.8	11.5	52.9	2.9	7.
6.5	22.5	2313.4	775.0	18.9	12.2	128.4	8.7	1.3	8.6	314.1	347.3	11.7	55.4	3.5	7.
9.1	24.7	2594.5	750.0	16.2	11.6	121.8	8.4	1.7	8.2	314.2	347.1	11.6	74.2	4.2	8.
9.3	25.7	2899.4	725.0	14.2	4.5	211.0	4.3	2.2	3.7	315.0	337.3	7.7	54.7	4.7	9.
10.7	28.9	3172.4	700.0	13.5	-3.5	329.2	3.2	3.1	-1.1	317.5	330.2	4.2	30.2	4.8	12.
12.1	31.0	3457.5	675.0	11.5	-3.7	352.0	3.6	0.5	-3.6	319.5	321.7	4.3	34.1	4.7	14.
13.6	33.4	3737.3	650.0	9.1	-3.2	22.9	5.1	-2.0	-4.7	318.2	321.7	4.5	42.8	4.3	14.
15.0	35.6	4110.7	625.0	6.2	-4.2	23.2	5.0	-2.4	-5.5	319.4	322.1	4.5	50.5	3.8	13.
16.2	38.0	4451.2	600.0	3.1	-7.4	10.9	5.7	-1.3	-5.5	318.5	325.8	3.7	46.3	3.3	12.
17.7	40.5	4794.3	575.0	0.9	-10.1	353.6	5.1	0.5	-5.1	321.0	325.9	1.5	20.9	2.8	14.
19.3	43.0	5149.6	550.0	-1.7	-11.9	342.4	3.5	1.1	-3.4	322.1	326.1	1.2	19.5	2.5	18.
21.0	45.5	5519.5	525.0	-3.2	-23.9	8.9	4.0	-0.5	-4.0	323.8	327.4	1.0	19.1	2.1	22.
22.3	48.1	5901.7	500.0	-4.7	-26.7	21.2	5.0	-1.8	-4.6	324.5	327.9	0.9	18.4	1.7	24.
23.4	50.2	6282.4	475.0	-6.1	-28.0	14.6	4.0	-1.0	-3.9	326.3	329.0	0.8	20.3	1.2	27.
25.9	53.6	6715.8	450.0	-10.5	-30.5	5.3	3.1	-0.3	-3.1	327.4	329.7	0.6	19.7	0.9	31.
27.7	56.5	7142.4	425.0	-16.0	-33.5	355.6	2.5	0.2	-2.5	328.5	330.4	0.5	20.4	0.7	45.
29.5	59.5	7572.3	400.0	-19.5	-35.2	17.5	4.6	-1.5	-4.4	329.5	331.3	0.5	22.2	0.4	82.
31.5	62.8	8009.5	375.0	-23.5	-35.5	27.3	5.5	-2.0	-5.5	330.5	331.7	0.3	21.3	0.6	165.
34.0	65.0	8579.0	350.0	-26.9	-42.4	45.4	6.3	-4.5	-4.4	332.5	333.5	0.3	21.1	1.4	195.
36.4	69.4	9110.5	325.0	-30.3	-44.7	20.3	8.4	-3.0	-7.8	335.0	335.8	0.2	22.6	2.4	204.
38.9	73.0	9675.4	300.0	-34.1	-47.7	11.9	7.1	-1.5	-7.0	337.4	338.0	0.2	23.6	3.6	202.
41.2	76.7	10270.0	275.0	-38.9	-51.9	7.4	8.7	-1.2	-8.7	338.9	339.4	0.1	23.5	4.8	199.
44.0	80.7	10925.5	250.0	-44.4	99.9	359.6	8.5	0.1	-8.6	340.1	999.9	99.9	999.9	6.2	195.
47.3	85.2	11622.8	225.0	-49.9	99.9	345.7	8.7	2.0	-9.5	342.1	999.9	99.9	999.9	7.8	190.
50.1	89.3	12353.9	200.0	-55.5	99.9	314.1	17.0	11.4	-12.7	344.9	999.9	99.9	999.9	9.4	183.
53.0	94.8	13223.2	175.0	-61.4	99.9	313.1	18.7	12.2	-14.1	345.0	999.9	99.9	999.9	11.7	172.
56.5	100.3	14140.5	150.0	-67.5	99.9	325.6	17.2	9.5	-14.4	353.9	999.9	99.9	999.9	15.1	165.
59.9	106.0	15256.7	125.0	-67.1	99.9	325.1	4.5	5.3	-7.9	373.5	999.9	99.9	999.9	18.3	160.
57.0	113.0	16519.0	100.0	-67.7	99.9	449.9	99.9	99.9	99.9	397.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 550  
BIG SPRING, TEXAS

28 JUNE 1977  
130 GMT

119 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HGHT GVY	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GP/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	791.0	921.9	31.3	20.6	193.0	2.7	0.5	2.7	311.6	355.1	17.1	54.0	0.0	0.
0.0	59.9	99.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
0.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
0.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0
0.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000.0
0.6	13.9	604.7	900.0	33.5	99.9	99.9	99.9	99.9	99.9	315.0	599.9	99.9	99.9	99.9	999.9
1.4	18.7	1250.9	275.0	31.4	15.7	999.9	99.9	99.9	99.9	316.4	353.3	12.9	26.7	599.9	599.9
2.4	20.5	1510.5	950.0	29.1	14.9	133.9	9.5	0.7	9.4	316.5	352.3	12.7	42.1	1.6	5.
3.2	23.0	1775.5	825.0	26.7	13.7	183.2	7.4	0.5	7.4	315.8	351.4	12.1	44.8	2.0	5.
4.2	25.5	2044.5	800.0	23.9	12.6	198.0	8.9	1.2	8.8	315.6	351.9	12.4	52.8	2.5	5.
5.1	27.9	2323.2	775.0	21.2	11.5	158.5	7.9	2.3	7.6	316.6	351.6	12.2	59.4	3.0	6.
6.1	30.4	2606.5	750.0	18.3	11.7	157.3	7.0	2.3	6.6	316.5	349.7	11.6	65.1	3.4	8.
7.3	33.2	2835.4	725.0	16.2	4.9	200.3	4.8	1.7	4.4	317.2	339.3	7.5	47.2	3.8	9.
8.3	35.8	3131.2	700.0	14.9	-4.4	231.1	1.2	1.0	0.8	319.0	331.2	4.0	26.2	4.0	10.
9.5	38.6	3500.8	675.0	12.4	0.5	324.3	1.9	1.9	-2.9	319.5	337.2	5.9	44.1	3.9	11.
10.7	41.1	3816.0	650.0	9.9	1.5	313.2	4.6	3.1	-3.4	320.1	339.9	6.6	56.1	3.7	15.
11.0	43.9	4140.5	625.0	6.7	0.3	324.0	4.5	2.5	-3.7	320.1	339.0	6.7	62.8	3.5	19.
13.2	46.9	4474.9	600.0	3.3	-2.0	353.7	4.7	0.9	-4.6	321.1	337.8	5.5	63.4	3.3	24.
14.5	49.8	4820.0	575.0	1.7	-4.4	353.1	3.4	0.1	-4.8	322.0	336.8	4.8	63.9	3.0	26.
15.7	52.6	5177.2	550.0	-1.2	-5.5	5.3	3.7	-0.3	-3.3	322.7	337.0	4.6	72.4	2.8	29.
16.9	55.6	5536.7	525.0	-3.0	-12.0	5.2	3.2	-0.3	-3.2	323.7	333.0	2.9	53.4	2.5	31.
18.4	58.7	5929.5	500.0	-7.4	-17.1	345.3	2.5	0.6	-2.4	324.0	330.5	2.0	45.6	2.3	34.
19.7	61.9	6327.8	475.0	-12.2	-22.5	357.9	3.9	0.1	-3.9	325.4	328.3	3.1	23.3	2.2	40.
21.3	65.2	6743.1	450.0	-12.2	-19.5	23.2	3.1	-1.5	-2.7	327.9	323.9	1.6	55.0	1.8	44.
22.8	68.6	7184.2	425.0	-14.5	-14.4	25.5	1.7	-1.3	-0.1	329.2	325.0	0.5	16.7	1.7	48.
24.3	71.9	7674.4	400.0	-19.1	-29.0	57.2	2.5	-2.1	-1.3	331.5	322.8	0.4	15.4	1.5	40.
25.9	75.4	8113.9	375.0	-21.5	-25.2	45.7	4.7	-1.0	-3.0	333.1	324.5	0.4	19.5	1.3	37.
27.5	79.3	8620.0	350.0	-24.4	-41.4	15.9	4.6	-1.5	-4.4	335.9	337.0	0.3	18.7	0.8	35.
29.2	83.1	9155.3	325.0	-28.6	-41.2	35.9	7.2	-4.2	-5.9	337.0	338.1	0.3	27.2	0.5	77.
31.0	87.0	9722.7	300.0	-33.3	99.9	99.9	99.9	99.9	99.9	338.5	99.9	99.9	95.9	99.9	999.9
32.6	91.5	10327.8	275.0	-39.4	99.9	99.9	99.9	99.9	99.9	339.6	99.9	99.9	99.9	99.9	999.9
34.5	95.8	10975.8	250.0	-43.7	99.9	99.9	99.9	99.9	99.9	341.1	99.9	99.9	99.9	99.9	999.9
37.1	103.7	11675.3	225.0	-46.1	99.9	325.9	14.0	7.9	-11.6	343.3	99.9	99.9	99.9	5.4	168.
39.4	105.9	12370.9	200.0	-54.4	99.9	335.5	14.9	6.2	-13.5	346.7	99.9	99.9	99.9	7.3	162.
42.0	111.5	13233.0	175.0	-60.0	99.9	336.6	13.9	6.4	-12.3	349.5	99.9	99.9	99.9	5.4	160.
45.4	117.7	14227.3	150.0	-64.3	99.9	310.3	14.9	11.4	-9.6	359.3	99.9	99.9	99.9	12.2	157.
48.4	125.0	15322.3	125.0	-65.9	99.9	352.9	6.8	0.8	-6.7	375.6	99.9	99.9	99.9	15.4	154.
49.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 268  
MIDLAND, TEXAS

28 JUNE 1977  
300 GMT

116 102. 0

TIME MIN	CNTCT	HEIGHT GMM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	273.0	911.5	23.3	12.2	140.0	4.7	-3.0	3.6	309.5	337.3	9.9	37.0	0.0	0.
9.9	97.9	58.6	1007.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.5	999.9	599.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	599.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.4	12.5	527.2	900.0	25.9	15.2	167.9	11.2	-2.3	10.8	312.2	346.6	12.2	41.1	0.3	346.
1.4	15.1	1275.2	875.0	26.1	14.9	166.9	12.0	-2.7	11.7	314.1	348.7	12.2	41.7	0.9	346.
2.7	17.1	1497.1	850.0	27.9	5.7	173.6	9.1	-3.0	9.1	315.4	341.3	9.0	32.1	1.6	347.
3.7	19.4	1760.9	825.0	26.2	4.8	176.1	9.2	-0.3	9.3	316.5	339.9	6.6	25.1	2.1	350.
4.2	21.4	2032.9	800.0	23.7	6.8	175.1	7.7	-0.4	7.7	316.5	339.5	7.9	24.2	2.6	351.
5.3	23.7	2307.9	775.0	21.4	8.4	173.3	5.0	-0.6	4.9	315.3	343.0	9.3	43.2	3.0	352.
6.2	25.9	2500.7	750.0	19.4	3.4	171.9	2.9	-0.4	2.8	317.1	337.1	6.5	34.5	3.2	352.
7.4	28.7	2691.1	725.0	17.0	2.2	127.1	1.1	-0.9	0.7	318.1	337.4	6.5	38.5	3.4	352.
8.5	30.7	2878.3	700.0	14.7	3.5	71.3	2.4	-1.3	-2.0	319.7	336.7	7.1	47.0	3.3	353.
9.5	33.2	3455.6	675.0	11.9	3.5	35.2	2.5	0.2	-2.5	319.0	340.7	7.3	54.7	3.2	348.
10.6	35.7	3400.4	650.0	8.7	0.9	317.4	4.1	2.8	-3.0	318.8	337.7	6.3	58.0	3.0	345.
11.8	38.3	4123.9	525.0	6.1	-1.1	313.3	5.5	4.1	-3.8	319.5	336.6	5.7	59.9	2.7	355.
13.0	40.8	4457.7	600.0	3.5	-1.7	315.2	5.4	3.8	-3.8	320.2	337.3	5.7	58.8	2.4	1.
14.2	43.4	4801.4	575.0	0.5	-4.0	318.6	6.5	4.3	-4.9	320.6	335.7	5.0	71.9	2.1	8.
15.5	45.5	5154.8	550.0	-2.2	-5.5	320.4	8.0	5.1	-5.2	321.5	335.7	4.6	78.2	1.8	23.
16.9	49.5	5595.1	525.0	-4.9	-4.9	323.3	6.4	3.8	-5.2	322.7	326.2	4.4	85.0	1.6	45.
18.5	52.4	5939.2	500.0	-5.5	-13.1	325.1	6.9	2.1	-6.5	325.1	314.8	3.0	64.3	1.5	65.
19.9	53.4	6074.2	475.0	-7.8	-13.6	328.0	9.0	0.3	-6.0	325.7	334.8	2.8	74.0	1.5	50.
21.4	57.6	6721.0	450.0	-13.2	-17.0	34.4	5.7	-0.5	-6.7	325.9	323.9	2.2	73.5	1.5	115.
22.7	61.9	7154.9	425.0	-15.5	-17.7	34.4	5.0	-0.6	-6.9	327.9	335.2	2.2	50.3	1.8	130.
24.4	65.3	7404.9	400.0	-19.9	-21.7	350.4	4.2	0.3	-4.2	329.5	336.1	1.7	78.2	2.1	139.
26.2	69.7	8027.0	375.0	-21.4	-26.1	34.7	3.7	-0.3	-3.7	332.3	337.5	1.2	65.5	2.4	145.
27.3	72.7	8523.7	350.0	-25.5	-28.7	342.7	2.6	0.5	-2.5	323.3	337.9	1.0	74.3	2.7	145.
29.5	74.7	9125.2	325.0	-30.0	-32.1	33.6	3.0	0.2	-2.8	319.3	338.1	0.9	81.8	2.9	152.
31.6	80.5	9490.7	300.0	-34.3	-37.6	35.2	4.2	0.2	-4.2	317.0	338.9	0.8	72.1	3.3	157.
33.7	84.8	10231.1	275.0	-38.3	-43.2	347.3	3.6	0.2	-3.6	313.3	339.5	0.3	66.1	3.7	159.
35.9	89.4	10673.4	250.0	-44.9	99.9	10.4	7.6	-1.4	-7.5	313.5	599.9	95.9	955.9	4.3	142.
38.2	94.4	11674.9	225.0	-50.0	99.9	17.2	10.7	-3.1	-9.9	341.9	959.9	99.9	959.9	5.5	155.
40.6	99.4	12394.7	200.0	-56.0	99.9	3.7	7.6	-0.1	-7.6	344.1	999.9	99.9	999.9	6.9	174.
43.6	105.5	13223.6	175.0	-62.7	99.9	28.3	10.1	9.5	-3.2	345.5	599.9	99.9	955.9	8.1	168.
47.4	111.9	14177.1	150.0	-64.8	99.9	31.0	17.5	12.6	-11.9	333.5	999.9	99.9	959.9	10.4	158.
51.6	119.0	15273.2	125.0	-66.0	99.9	32.5	11.7	7.1	-9.3	333.5	995.9	95.9	955.9	14.9	151.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	97.0	999.9	99.9	959.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 = BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

29 JUNE 1977

127 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT SPM	PRES WB	TEMP DG C	DEW PT DG C	DIR DS	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	771.0	923.2	27.0	20.2	190.0	1.6	0.3	1.6	307.7	352.2	16.4	64.0	0.0	0.
99.9	92.9	69.9	1000.0	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	90.9	99.9	550.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.0	16.1	1004.3	900.0	30.9	18.6	999.9	99.9	99.9	99.9	313.4	355.9	19.2	47.9	599.9	599.9
2.2	19.7	1255.4	875.0	28.9	16.5	203.1	15.4	5.3	14.4	313.8	352.4	13.7	47.2	1.5	20.
3.2	21.1	1514.0	850.0	27.5	15.8	205.2	15.3	6.5	13.8	315.0	353.0	13.4	48.8	2.5	21.
4.4	23.8	1777.6	825.0	24.8	14.5	207.3	14.3	6.6	12.7	314.8	350.9	12.5	52.7	3.5	23.
5.5	26.2	2047.2	800.0	22.7	13.7	207.3	13.5	6.2	12.0	315.4	351.0	12.5	56.9	4.4	24.
6.6	29.0	2322.7	775.0	20.5	9.9	204.2	12.1	4.2	9.2	315.9	344.7	10.0	50.6	5.2	24.
7.7	31.9	2605.4	750.0	18.2	6.2	206.4	9.4	4.2	8.4	316.3	339.8	8.0	45.6	5.9	24.
9.0	34.6	2885.3	725.0	15.3	4.5	210.3	7.5	3.8	6.5	317.3	338.9	7.3	45.6	6.5	25.
10.2	37.2	3139.5	700.0	13.7	4.5	210.3	5.0	2.5	4.3	317.3	339.5	7.6	55.0	7.0	25.
11.4	40.1	3407.3	675.0	10.1	5.0	209.8	4.0	3.0	2.6	316.9	340.7	8.1	70.4	7.3	25.
12.9	42.9	3610.5	650.0	7.3	1.8	201.0	1.6	1.6	0.2	317.2	337.2	6.8	68.4	7.5	27.
14.3	45.0	4122.5	625.0	5.4	-1.6	192.2	2.3	-1.4	-1.9	313.7	335.2	5.5	60.8	7.4	27.
15.8	49.0	4444.7	600.0	2.5	-7.4	51.2	2.5	-1.9	-1.5	319.0	330.3	3.7	47.8	7.2	26.
17.5	52.3	4803.0	575.0	0.0	-9.1	45.4	5.3	-3.7	-3.7	320.0	331.2	3.6	54.0	6.8	25.
19.3	55.2	5157.1	550.0	-2.0	-13.1	24.9	4.8	-3.0	-3.8	321.7	329.7	2.5	42.2	6.3	24.
21.2	59.4	5511.4	525.0	-4.5	-17.3	21.5	4.2	-3.3	-3.7	323.0	325.1	1.9	35.8	5.8	22.
23.0	61.9	5914.4	500.0	-6.4	-16.0	41.7	5.0	-4.0	-4.0	325.2	324.4	2.2	46.6	5.2	19.
24.8	65.7	6317.4	475.0	-8.5	-17.4	24.0	5.4	-2.2	-5.0	326.3	323.0	2.1	52.4	4.6	18.
26.5	68.9	6729.4	450.0	-12.0	-20.1	19.9	5.6	-1.9	-5.3	325.9	324.6	1.7	55.4	4.0	17.
28.4	72.3	7141.6	425.0	-16.8	-21.1	5.0	4.5	-0.4	-4.5	327.4	322.9	1.7	69.5	3.5	18.
30.7	76.2	7614.2	400.0	-19.7	-26.2	17.2	5.2	-1.3	-6.2	323.4	323.3	1.1	56.2	2.8	21.
33.0	80.3	8000.0	375.0	-23.6	-34.2	30.0	3.2	-1.6	-2.8	320.4	322.3	0.5	36.5	1.8	21.
35.1	84.2	8590.6	350.0	-27.8	-34.3	9.4	4.0	-1.3	-7.9	321.3	323.4	0.6	53.6	1.4	20.
37.4	89.1	9180.9	325.0	-30.3	-37.1	13.9	10.5	-2.5	-10.2	324.9	326.6	0.5	51.3	0.4	95.
39.7	93.0	9694.2	300.0	-35.7	-39.4	25.7	5.2	0.4	-6.9	325.1	326.7	0.5	76.1	1.2	174.
42.3	97.6	10243.2	275.0	-40.9	99.9	25.6	8.9	2.1	-8.7	326.1	326.9	95.9	95.9	2.4	172.
44.8	102.4	10825.1	250.0	-45.8	99.9	32.8	7.4	3.3	-6.7	323.0	329.9	99.9	95.9	3.5	169.
47.2	107.9	11614.6	225.0	-52.0	99.9	30.6	9.3	7.3	-5.0	328.5	329.9	99.9	99.9	4.7	163.
50.0	113.3	12349.4	200.0	-58.2	99.9	30.7	7.5	6.4	-4.5	320.6	329.9	99.9	95.9	6.0	154.
53.4	119.7	13104.5	175.0	-65.7	99.9	29.3	9.2	9.3	-4.5	341.5	329.9	99.9	99.9	7.3	147.
57.6	125.8	14171.6	150.0	-65.3	99.9	32.3	10.6	2.0	-10.4	357.7	329.9	99.9	95.9	10.1	143.
62.8	132.8	15275.7	125.0	-68.8	99.9	32.6	10.8	6.0	-9.0	370.4	329.9	99.9	95.9	12.8	148.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CF TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

28 JUNE 1977  
308 GMT

113 92. 0

TIME MIN	CNTC*	HEIGHT GPH	PRES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	565.0	647.1	29.2	18.6	3.0	3.0	0.0	0.0	237.5	347.9	14.8	54.0	0.0	0.
99.9	59.0	96.0	1000.0	59.9	95.9	33.4	99.9	99.9	99.9	99.9	999.9	99.9	555.9	599.9	999.9
99.9	99.0	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.0	99.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	12.0	750.0	925.0	31.1	18.6	281.8	14.1	5.2	13.1	311.5	353.0	15.1	48.5	0.3	342.
1.5	14.7	1000.0	900.0	29.1	17.0	134.9	14.1	3.5	13.6	311.5	349.8	13.7	48.1	1.1	9.
2.4	16.4	1250.0	875.0	27.0	15.0	157.1	11.5	3.5	11.2	311.9	348.8	12.2	50.9	1.8	11.
3.4	18.7	1511.3	850.0	24.9	15.1	193.7	11.4	3.6	10.2	312.1	348.1	12.8	54.7	2.5	13.
4.4	20.9	1773.8	825.0	22.5	13.6	203.4	10.5	4.1	10.0	312.4	346.2	12.0	57.3	3.1	15.
5.3	23.2	2036.6	800.0	21.0	12.3	210.7	7.3	3.5	5.0	313.6	345.8	11.7	59.4	3.6	16.
6.3	25.6	2315.2	775.0	19.7	9.4	232.2	4.9	4.3	2.5	315.0	343.7	9.7	51.5	4.0	19.
7.4	28.0	2594.7	750.0	17.4	2.5	276.7	4.2	4.1	-0.5	315.9	343.4	6.3	36.0	4.1	22.
8.5	30.4	2874.4	725.0	16.2	-2.3	317.0	1.8	1.0	-1.5	317.9	331.4	4.5	26.9	4.1	25.
9.6	32.8	3153.9	700.0	14.1	-3.2	40.2	3.3	-2.1	-2.5	315.2	333.3	4.3	25.9	4.0	25.
10.7	35.4	3433.4	675.0	11.1	-5.6	41.7	4.3	-2.8	-3.2	315.1	333.3	4.7	28.0	3.7	23.
11.9	37.9	3712.0	650.0	8.2	-7.7	79.0	5.5	-3.4	-4.3	313.2	330.1	3.9	36.7	3.4	22.
12.9	40.5	4125.6	625.0	6.2	-14.8	33.3	6.1	-3.4	-5.1	319.5	325.8	2.0	29.7	3.0	20.
14.1	43.1	4484.4	600.0	3.0	-19.0	23.0	5.0	-2.4	-4.4	310.6	325.6	1.5	18.4	2.6	19.
15.4	45.9	4843.1	575.0	1.0	-21.5	43.0	3.5	-2.2	-2.7	321.2	322.1	1.2	16.7	2.3	16.
16.8	48.7	5177.5	550.0	-1.7	-23.4	2.5	1.7	-0.1	-1.7	323.1	325.6	1.0	17.0	2.1	14.
18.4	51.4	5520.0	525.0	-3.0	-25.7	323.4	2.6	1.3	-2.2	322.7	320.7	0.9	16.4	2.0	19.
19.9	54.5	5907.7	500.0	-7.1	-29.0	311.5	1.4	0.2	-1.4	324.4	320.8	0.7	15.4	1.8	23.
21.5	57.4	6344.5	475.0	-10.2	-32.3	13.7	3.1	-0.7	-3.0	325.4	322.7	0.6	17.4	1.6	25.
23.0	60.4	6773.7	450.0	-13.2	-35.3	35.6	2.5	-1.6	-2.0	326.7	320.7	0.6	18.1	1.4	24.
24.6	63.5	7157.4	425.0	-16.4	-38.9	57.2	1.7	-1.5	-0.9	327.0	325.5	0.5	18.3	1.2	21.
26.3	67.0	7575.0	400.0	-20.1	-37.4	64.4	3.5	-3.2	-1.4	330.0	330.3	0.4	15.5	1.0	12.
28.0	70.3	8011.9	375.0	-27.1	-30.7	43.5	3.2	-3.0	-1.2	330.6	331.9	0.3	18.5	0.9	355.
29.3	73.0	8524.0	350.0	-26.5	-42.7	44.3	6.3	-5.7	-2.7	331.1	331.0	0.2	15.9	0.9	322.
31.9	77.5	9115.8	325.0	-30.0	-45.0	43.8	7.0	-4.6	-5.3	335.3	336.0	0.2	19.1	1.2	275.
34.9	81.2	9471.3	300.0	-34.4	-45.6	15.0	7.5	-2.1	-7.3	337.0	337.6	0.1	21.8	1.7	250.
38.7	89.5	10200.5	250.0	-44.2	99.9	351.4	11.6	1.7	-11.4	330.4	599.9	55.9	555.9	3.9	205.
41.3	93.5	11633.0	225.0	-46.3	99.9	240.0	17.0	5.8	-16.0	343.0	999.9	99.9	955.9	5.7	191.
43.7	98.4	12799.3	200.0	-56.4	99.9	247.2	15.4	3.6	-16.0	343.4	999.9	99.9	999.9	8.0	182.
45.9	103.4	13221.4	175.0	-62.3	99.9	370.4	12.1	0.1	-12.1	345.1	999.9	99.9	955.9	10.7	180.
50.2	108.5	14150.4	150.0	-64.1	99.9	317.6	15.3	10.6	-11.6	350.2	999.9	99.9	955.9	12.9	175.
54.9	114.0	15274.0	125.0	-66.1	99.9	223.7	6.3	3.6	-4.6	375.2	599.9	55.9	955.9	15.5	167.
60.8	120.2	16527.4	100.0	-58.7	99.9	509.9	99.9	99.9	99.9	395.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPOFF MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 550  
BIG SPRING, TEXAS

28 JUNE 1977

119 97. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	781.0	922.0	30.7	20.3	165.0	3.1	-1.1	2.9	310.3	355.7	16.5	56.0	0.0	0.
09.9	09.0	686.0	1000.0	59.9	96.9	99.9	99.9	99.9	99.9	99.9	999.9	55.9	955.9	995.5	999.
09.9	09.9	675.0	950.0	59.0	96.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.5	999.
09.9	09.9	650.0	950.0	59.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
09.9	09.9	625.0	925.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.5	995.9	999.
0.8	15.9	608.2	600.0	21.3	17.6	99.9	99.9	99.9	99.9	317.7	353.9	14.3	44.1	999.9	999.
1.6	19.1	520.2	475.0	26.1	15.1	197.9	13.7	1.9	13.5	315.0	349.3	12.5	42.8	1.3	2.
2.5	20.4	539.2	650.0	27.3	14.5	200.7	12.4	4.4	11.6	314.8	349.9	12.4	45.5	1.9	6.
3.5	22.7	1771.4	425.0	25.0	13.6	253.0	9.1	5.4	8.0	315.1	349.2	12.0	49.2	2.5	12.
4.4	25.2	2041.7	600.0	22.5	13.0	212.8	9.5	5.1	6.0	315.1	349.0	11.9	54.9	2.5	16.
5.4	27.5	2714.9	775.0	20.1	11.1	227.7	5.1	4.5	4.1	315.4	346.4	10.9	56.1	3.3	19.
6.3	30.0	2665.1	750.0	18.4	7.4	250.3	3.7	3.7	0.6	316.5	341.7	8.7	46.7	3.6	22.
7.4	32.5	2399.7	755.0	16.3	2.5	276.2	3.7	3.7	-0.4	317.4	336.7	6.5	40.5	3.6	25.
8.3	35.2	3195.3	700.0	13.6	2.4	350.0	4.4	4.3	-1.2	317.6	337.0	6.6	46.7	3.7	28.
9.4	37.7	3461.8	675.0	11.0	1.0	330.1	5.1	2.5	-4.4	317.9	336.1	6.1	50.1	3.7	33.
10.4	40.4	3205.3	650.0	9.2	0.2	335.8	3.1	1.3	-2.8	315.3	336.9	6.3	59.4	3.5	37.
11.5	43.0	4129.1	635.0	5.3	3.1	1.1	1.7	-0.0	-1.7	315.6	341.3	7.7	65.4	3.5	39.
12.8	45.9	4440.4	600.0	2.2	0.9	27.7	3.7	-1.7	-3.2	318.7	339.0	6.9	51.3	3.2	41.
14.0	48.9	4903.4	575.0	-0.3	-5.0	50.3	1.7	-1.5	-0.9	310.6	333.7	4.6	70.5	3.0	40.
15.3	51.5	5159.7	550.0	-2.0	-15.0	51.3	1.7	-1.3	-1.1	323.7	328.7	2.2	26.3	2.5	39.
16.6	54.6	5524.3	525.0	-5.2	-13.7	44.8	2.7	-1.9	-1.9	323.2	320.3	2.5	51.1	2.7	39.
17.9	57.5	5929.3	500.0	-7.5	-14.3	43.0	1.5	-1.1	-1.1	323.9	312.2	2.6	58.9	2.6	38.
19.1	60.8	6706.6	475.0	-6.0	-26.5	122.0	0.5	-0.4	0.3	325.6	320.0	0.9	22.7	2.4	40.
20.5	64.1	6722.2	450.0	-12.4	-31.9	205.3	2.2	0.9	2.0	327.7	329.7	0.6	17.7	2.6	37.
21.9	67.3	7157.4	425.0	-14.5	-42.0	210.2	1.9	1.0	1.7	320.4	331.2	0.2	7.5	2.8	37.
23.2	70.6	7513.4	400.0	-18.3	-38.8	184.2	1.0	0.1	1.0	331.2	332.4	0.3	14.7	2.9	36.
24.9	74.2	8061.1	375.0	-22.5	-40.5	81.1	3.4	-3.2	-0.5	331.8	332.9	0.3	17.6	2.8	35.
24.5	78.0	5525.4	350.0	-27.2	-33.0	31.7	5.5	-2.9	-0.7	332.1	334.5	0.7	57.6	2.6	28.
29.1	81.7	9125.2	325.0	-38.0	-37.2	344.2	3.2	2.5	-3.0	333.8	339.4	0.7	66.5	1.8	38.
29.9	85.7	9693.0	300.0	-34.3	-27.7	355.7	7.6	0.6	-7.6	337.1	338.9	0.5	70.5	1.5	63.
31.7	90.0	10303.8	275.0	-39.1	-47.0	322.5	5.6	3.4	-4.4	338.6	329.8	0.3	66.4	1.5	82.
31.5	94.6	10670.4	250.0	-44.7	99.9	324.7	7.1	3.0	-6.4	339.6	999.9	95.9	955.9	2.0	105.
35.7	99.2	11577.4	225.0	-45.5	99.9	325.7	9.6	1.2	-9.6	343.0	999.9	99.9	955.9	2.6	125.
37.8	104.3	12792.1	200.0	-55.5	99.9	331.7	13.3	1.9	-13.2	344.5	999.9	99.9	999.9	3.6	144.
40.5	110.0	17234.2	175.0	-42.9	99.9	329.3	12.2	7.8	-9.4	343.3	999.9	99.9	955.9	6.1	148.
43.0	115.8	14180.0	150.0	-53.7	99.9	310.5	11.8	9.0	-7.7	363.1	999.9	99.9	955.9	8.0	143.
46.3	122.3	16266.4	125.0	-65.1	99.9	324.2	10.8	6.3	-8.6	377.1	999.9	95.9	955.9	10.2	143.
45.2	120.3	14655.7	100.0	-64.7	99.9	99.9	99.9	99.9	99.9	353.8	999.9	99.9	955.9	999.9	999.
99.9	90.9	60.9	75.0	99.0	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	955.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	955.9	999.9	999.
99.9	99.9	99.9	23.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	955.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEXAS

30 JUNE 1977  
1800 GMT

117 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	477.0	913.3	32.3	15.9	170.0	5.3	-0.9	5.2	314.0	345.3	12.5	36.0	0.0	0.
99.9	59.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	14.2	1034.5	900.0	28.9	15.6	181.7	5.9	0.2	5.9	311.3	345.3	12.5	44.4	0.4	34.5
1.4	16.1	1254.5	875.0	24.5	15.0	193.0	6.2	0.2	6.2	311.4	345.2	12.4	49.0	0.7	35.2
2.7	18.4	1510.1	850.0	24.5	14.4	198.3	7.1	2.2	6.8	311.9	345.3	12.3	53.6	1.0	35.8
4.6	22.7	2019.6	800.0	21.5	7.2	233.8	6.5	5.3	3.9	314.1	339.3	8.4	41.2	1.9	17.
5.5	25.1	2313.3	775.0	19.3	6.9	237.7	5.4	3.7	3.9	314.6	339.2	8.1	44.4	2.2	22.
5.4	27.3	2594.7	750.0	17.1	6.5	231.5	4.3	3.4	2.7	315.1	339.4	8.4	51.2	2.4	24.
7.2	29.6	2823.4	725.0	15.1	5.6	229.8	5.0	3.8	3.2	315.1	339.1	7.9	52.7	2.6	26.
7.9	32.7	3179.7	700.0	12.7	4.0	230.7	3.9	3.0	2.5	316.6	339.2	7.4	58.5	2.8	28.
9.0	36.7	3524.1	675.0	9.9	2.7	273.5	2.6	2.6	-0.1	316.9	337.2	6.9	60.8	3.0	30.
10.2	37.1	3705.1	650.0	6.2	-0.6	323.0	3.5	2.1	-2.8	316.0	332.8	5.7	61.8	3.0	34.
11.3	39.8	4117.6	625.0	5.0	-12.0	326.4	3.4	1.9	-2.9	318.2	325.9	2.4	27.8	2.9	38.
12.4	42.3	4440.7	600.0	3.4	-18.8	313.6	4.3	3.1	-3.0	320.1	324.8	1.4	17.6	2.8	43.
13.6	45.1	4793.1	575.0	0.7	-18.5	319.8	4.2	2.8	-3.3	323.9	325.9	1.5	22.1	2.9	50.
14.9	48.1	5149.4	550.0	-1.5	-18.6	311.6	4.0	1.9	-3.5	322.4	327.5	1.6	25.2	2.8	56.
16.2	50.9	5517.3	525.0	-3.9	-24.2	323.9	3.7	2.2	-3.0	323.7	327.2	1.0	18.8	2.9	63.
17.5	53.9	5901.1	500.0	-5.9	-27.1	306.2	1.3	1.0	-0.8	325.9	326.7	0.8	16.7	2.9	67.
17.0	55.8	6201.2	475.0	-8.0	-29.0	285.4	2.2	2.0	-0.9	329.1	320.7	0.7	16.4	3.0	68.
20.4	60.1	6712.9	450.0	-10.9	-30.7	251.5	3.5	2.5	-2.4	329.5	335.0	1.6	44.2	3.1	72.
21.8	63.5	7155.9	425.0	-14.1	-33.9	313.9	5.2	2.7	-3.6	330.9	335.3	1.3	43.6	3.3	77.
23.2	65.9	7512.5	400.0	-17.8	-31.2	303.9	5.5	4.5	-3.1	331.8	337.8	1.8	75.2	3.6	84.
24.8	70.4	8004.4	375.0	-16.7	-29.4	313.4	3.6	2.4	-2.8	335.6	338.7	0.9	41.5	3.9	87.
25.5	74.2	8502.7	350.0	-23.9	-31.2	331.5	4.9	2.3	-4.3	336.5	339.4	0.8	50.7	4.1	92.
28.7	78.2	9133.8	325.0	-28.8	-33.7	379.5	6.4	2.3	-5.0	337.0	339.5	0.7	62.0	4.4	100.
30.2	82.2	9707.5	300.0	-32.3	-40.7	327.8	3.2	1.7	-2.7	339.9	341.2	0.4	42.4	4.8	106.
32.3	86.5	10314.2	275.0	-36.9	-47.7	307.6	6.7	5.3	-4.1	342.0	342.7	0.2	30.8	5.2	109.
34.5	91.2	10848.2	250.0	-47.4	99.9	308.9	7.8	6.3	-4.9	343.0	349.9	0.9	95.9	6.3	111.
36.7	95.3	11570.0	225.0	-69.7	99.9	315.9	7.5	5.0	-5.7	343.8	349.9	0.9	95.9	7.2	115.
39.4	101.5	12474.2	200.0	-54.7	99.9	285.4	4.7	4.5	-1.2	348.2	349.9	0.9	95.9	8.0	117.
42.3	107.5	13277.2	175.0	-59.4	99.9	255.8	11.2	10.9	2.6	351.2	349.9	0.9	95.9	9.1	113.
45.3	114.0	14224.6	150.0	-65.4	99.9	250.4	10.9	10.3	3.7	350.8	349.9	0.9	95.9	10.6	104.
48.5	121.0	15314.1	125.0	-70.5	99.9	299.0	6.9	6.0	-3.3	367.3	349.9	0.9	95.9	12.3	103.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

30 JUNE 1957

122 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	HEIGHT 324	PRES 49	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	FM PCT	RANGE KM	AZ DG
0.0	14.0	771.0	524.3	32.2	21.4	103.0	7.4	1.3	7.3	312.3	261.2	17.7	53.0	0.0	0.
99.9	99.9	1000.0	1000.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	16.2	1017.3	903.0	27.8	19.5	999.9	99.9	99.9	99.9	316.2	354.5	16.1	60.5	999.9	999.
2.1	18.7	1243.4	875.0	24.5	17.5	195.0	9.4	2.5	9.1	339.3	245.4	14.6	64.8	1.3	15.
3.2	21.0	1516.4	853.0	23.2	16.1	999.9	99.9	99.9	99.9	310.5	348.5	13.7	64.1	999.9	999.
4.1	23.5	1774.2	825.0	20.9*	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	956.9	999.9	999.
5.1	25.8	2041.7	800.0	20.9*	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	956.9	999.9	999.
6.3	28.4	2315.6	775.0	18.9	9.4	231.8	7.9	4.2	4.9	314.2	340.0	9.0	50.3	3.1	30.
7.3	31.1	2593.5	750.0	16.6	7.5	999.9	99.9	99.9	99.9	313.6	339.8	8.7	54.7	555.9	555.
9.5	34.8	2854.3	725.0	14.7	5.6	999.9	99.9	99.9	99.9	314.5	337.4	7.9	57.8	999.9	999.
9.7	35.3	2891.2	700.0	11.2	3.3	999.9	99.9	99.9	99.9	315.0	335.4	7.0	57.9	999.9	999.
11.0	39.1	3481.7	675.0	8.2	2.4	22.7	2.4	2.1	2.1	314.9	335.2	7.0	68.9	4.5	27.
12.3	41.8	3793.8	650.0	7.7	-11.2	253.5	1.4	1.4	0.0	317.7	325.5	2.5	24.7	4.3	41.
13.5	44.7	4115.9	625.0	5.6	-12.2	999.9	99.9	99.9	99.9	318.9	326.4	2.4	26.3	555.9	555.
15.0	47.6	4447.6	600.0	2.0	-14.0	999.9	99.9	99.9	99.9	319.4	326.3	2.2	27.6	999.9	999.
14.7	50.6	4783.8	575.0	0.2	-16.4	732.2	0.7	1.7	-4.4	320.2	326.1	1.8	27.5	4.1	52.
18.1	53.4	5144.7	550.0	-1.8	-19.4	339.1	3.3	1.2	-3.1	321.9	326.9	1.5	28.9	4.0	57.
19.5	56.5	5495.0	525.0	-4.2	-21.5	300.0	2.7	1.0	-2.5	323.4	327.7	1.3	24.5	3.9	61.
21.0	59.3	5850.4	500.0	-5.3	-19.7	333.9	1.5	0.0	-1.5	324.5	330.2	1.6	24.2	3.9	63.
22.6	63.1	6278.8	475.0	-10.2	-16.3	283.7	4.2	3.7	-2.1	325.4	332.4	2.1	57.8	4.1	66.
24.2	66.4	6705.6	450.0	-12.7	-21.7	25.9	7.7	-1.6	-3.3	327.2	332.3	1.5	46.8	3.7	71.
26.1	70.0	7143.0	425.0	-15.8	-22.0	322.5	3.4	2.1	-2.7	328.7	333.9	1.5	58.6	3.8	75.
27.8	73.4	7587.3	400.0	-16.4	-28.1	289.8	4.9	4.6	-1.7	329.6	332.9	0.9	46.8	4.0	80.
29.7	77.2	8075.4	375.0	-21.6	-27.6	274.3	13.1	13.1	-1.0	331.0	336.7	1.1	58.4	5.1	83.
31.7	81.0	8590.7	350.0	-25.2	-21.4	300.4	5.5	4.8	-2.8	334.8	337.6	0.8	55.9	5.5	87.
33.7	85.0	9114.7	325.0	-29.9	-36.2	999.9	99.9	99.9	99.9	337.0	338.9	0.5	48.6	999.9	999.
35.7	89.0	9683.5	300.0	-33.1	-42.2	687.9	99.9	99.9	99.9	338.7	339.9	0.3	38.3	999.9	999.
38.0	93.6	10297.2	275.0	-38.5	-49.0	298.7	8.2	7.2	-3.9	339.3	339.9	0.2	32.0	6.9	95.
40.7	98.2	10874.1	250.0	-44.4	59.2	310.3	10.1	7.7	-5.5	340.1	339.9	99.9	95.9	8.1	99.
43.2	103.0	11570.1	225.0	-50.6	59.5	282.6	11.5	10.5	-6.8	340.9	339.9	99.9	95.9	9.7	104.
46.0	108.5	12343.6	200.0	-56.4	99.9	106.0	8.1	6.6	-4.9	343.5	339.9	99.9	95.9	11.0	106.
49.1	114.0	13223.4	175.0	-62.3	99.9	245.8	13.5	12.3	5.5	347.1	339.9	99.9	95.9	12.2	101.
52.7	120.3	14165.7	150.0	-67.3	69.9	245.7	15.8	14.5	6.2	354.2	339.9	99.9	99.9	15.3	94.
56.7	127.3	15253.6	125.0	-70.3	99.9	275.1	7.0	6.9	-0.6	367.7	339.9	99.9	95.9	17.9	90.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	95.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	95.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	95.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	95.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

30 JUNE 1977  
1910 GMT

128 94. 0

TIME MIN	CNCT <sup>*</sup>	HEIGHT GCV	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PQT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	545.0	545.5	25.4	20.2	180.0	10.2	3.0	10.2	337.4	351.2	16.1	58.0	0.0	0.0
00.9	99.9	69.0	1035.0	99.9	99.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	99.9	00.9	535.0	59.5	99.9	59.0	99.9	99.9	99.9	59.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	00.9	550.0	59.5	99.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	12.4	782.7	925.0	27.6	18.7	999.9	99.9	99.9	99.9	307.6	348.1	14.9	58.3	999.9	999.9
1.8	14.5	1034.4	903.0	24.5	16.8	999.9	99.9	99.9	99.9	306.7	344.0	13.6	62.5	999.9	999.9
2.9	16.7	1271.6	875.0	23.1	16.4	203.0	9.7	3.8	9.9	306.2	343.8	13.5	69.9	1.5	18.
3.7	19.1	1371.7	850.0	20.0	15.5	200.4	9.7	3.0	9.2	307.1	343.4	13.2	72.4	2.0	18.
4.8	21.2	1471.9	825.0	16.8	13.7	221.2	6.3	4.5	5.2	308.5	342.0	12.1	72.2	2.5	20.
5.7	23.5	1566.1	800.0	15.3	6.5	267.9	4.2	4.2	0.2	312.2	334.3	7.7	42.1	2.7	25.
6.7	25.9	1659.0	775.0	17.7	5.5	269.4	3.4	3.4	0.0	312.8	334.1	7.4	44.7	2.8	28.
7.3	28.4	1750.5	750.0	15.5	3.0	247.7	5.5	5.1	2.1	313.4	332.1	6.4	43.1	3.0	33.
8.9	30.5	1844.3	725.0	13.0	1.5	240.3	6.0	6.2	2.9	313.2	331.1	5.9	45.2	3.3	36.
10.1	32.5	1938.0	700.0	10.3	0.3	240.3	5.5	4.9	2.7	314.5	331.1	5.6	48.2	3.7	39.
11.3	35.0	2030.9	675.0	7.5	-2.1	233.5	5.4	4.3	3.2	315.3	329.9	4.9	46.8	4.0	41.
12.4	38.3	2122.2	650.0	5.8	-5.0	217.0	4.9	3.9	3.9	316.7	327.4	3.5	36.9	4.4	41.
13.5	41.1	2217.5	625.0	5.2	-11.6	221.7	2.8	2.0	2.0	318.4	326.3	2.5	28.5	4.7	40.
14.4	44.2	2315.0	600.0	2.2	-12.1	256.2	1.8	1.3	0.5	319.7	326.6	2.5	33.7	4.8	41.
15.0	47.1	2415.2	575.0	-0.0	-15.4	276.1	1.5	1.4	-0.2	320.0	326.4	2.0	30.2	4.9	42.
17.3	50.2	2514.3	550.0	-3.6	-17.3	273.3	2.5	2.5	-0.2	321.0	326.7	1.8	31.2	5.0	44.
18.7	53.1	2614.6	525.0	-4.5	-18.5	281.8	1.4	1.4	-0.3	323.0	326.1	0.9	17.2	5.1	45.
20.2	55.0	2714.0	500.0	-4.5	-20.1	305.3	2.9	2.4	-1.7	325.1	327.2	0.6	13.2	5.2	47.
21.6	57.4	2814.4	475.0	-3.0	-20.4	283.3	3.7	3.6	-0.9	325.8	328.0	0.6	16.8	5.3	50.
23.1	59.9	2914.9	450.0	-12.7	-22.1	267.3	4.3	4.1	-1.3	327.3	329.2	0.5	16.2	5.3	53.
24.8	62.1	3013.7	425.0	-14.7	-23.5	342.6	3.6	1.1	-3.5	330.1	331.4	0.3	12.1	5.6	57.
26.3	64.9	3113.8	400.0	-18.2	-23.2	345.6	4.8	0.9	-4.7	331.3	332.6	0.3	15.4	5.5	60.
28.1	73.5	3213.1	375.0	-22.1	-20.5	370.9	6.8	2.9	-5.1	332.4	333.5	0.3	16.7	5.3	67.
29.9	77.5	3312.4	350.0	-25.3	-35.0	373.8	3.5	1.5	-3.2	333.0	335.6	0.5	37.3	5.5	73.
31.9	81.5	3411.3	325.0	-28.0	-43.5	395.0	2.0	1.9	-0.7	333.1	338.0	0.2	21.0	5.6	78.
33.8	85.7	3510.5	300.0	-33.1	-46.5	319.3	2.0	1.3	-1.5	333.8	339.5	0.2	23.3	5.7	78.
35.9	90.4	3609.6	275.0	-34.8	-49.2	353.2	2.5	0.3	-2.5	339.0	339.6	0.2	32.3	5.8	80.
38.2	95.3	3708.0	250.0	-37.7	99.9	333.3	5.1	2.3	-0.5	341.0	999.9	99.9	999.9	5.9	86.
40.7	100.4	3807.0	225.0	-43.0	99.9	322.0	4.9	3.0	-3.8	343.6	999.9	99.9	999.9	6.3	92.
43.4	105.0	3905.2	200.0	-55.3	99.9	284.5	4.2	3.7	-2.0	344.4	999.9	99.9	999.9	6.8	95.
46.4	112.0	4003.5	175.0	-60.1	99.9	277.5	4.5	6.4	2.6	350.3	999.9	99.9	999.9	7.9	95.
50.0	119.0	4101.7	150.0	-66.9	99.9	262.2	7.3	7.2	1.0	354.9	999.9	99.9	999.9	8.9	91.
51.7	125.7	4200.1	125.0	-71.6	99.9	239.5	5.6	6.2	-2.2	365.3	999.9	99.9	999.9	10.5	92.
55.5	133.3	4306.4	100.0	-66.1	99.9	999.9	99.9	99.9	99.9	400.0	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
95.0	95.3	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 † BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MCLAND, TEXAS

30 JUNE 1977  
2100 GMT

121 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	877.0	912.3	36.1	14.7	210.0	4.2	2.1	3.6	317.5	351.0	11.6	28.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	97.5	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.4	14.1	995.5	900.0	31.8	16.2	211.7	5.5	2.9	4.6	314.3	351.2	13.1	39.3	0.1	31.
1.2	16.2	1247.5	875.0	28.3	14.1	202.2	6.9	2.6	6.4	313.1	346.1	11.7	41.9	0.4	29.
2.5	18.6	1504.1	850.0	25.7	14.0	202.8	5.9	2.3	5.4	313.1	346.8	11.9	48.2	0.9	23.
3.2	20.9	1766.4	825.0	23.9	13.2	193.1	4.5	1.4	4.3	313.8	346.9	11.7	51.5	1.1	24.
3.3	23.4	2074.9	800.0	21.4	12.6	181.6	5.2	0.1	5.2	314.0	346.8	11.6	57.3	1.3	21.
4.6	25.8	2709.7	775.0	19.7	11.5	184.9	5.4	0.5	5.4	313.9	345.6	11.1	62.2	1.5	18.
5.4	28.7	2990.0	750.0	15.7	11.1	193.7	5.1	0.3	5.4	313.7	345.4	11.2	74.0	1.8	16.
6.3	30.9	2977.3	725.0	13.4	11.2	178.1	4.4	-0.1	4.4	314.2	347.3	11.7	66.6	2.0	14.
7.3	33.6	3173.1	700.0	12.0	6.3	213.2	2.4	1.3	2.0	315.8	340.8	8.6	68.1	2.2	13.
9.2	36.1	3475.9	675.0	9.1	2.5	263.2	2.2	2.2	0.3	315.9	335.9	6.8	62.9	2.3	16.
9.3	39.9	3798.6	650.0	6.2	2.2	322.6	1.8	1.1	-1.5	315.0	336.4	6.9	75.4	2.3	19.
10.2	41.5	4109.5	625.0	4.3	-4.6	4.7	3.7	-0.3	-3.7	317.4	330.6	4.3	52.1	2.2	21.
11.4	44.3	4441.0	600.0	2.3	-9.6	13.8	4.8	-1.1	-4.5	319.8	328.6	3.1	41.5	1.8	23.
12.7	47.4	4787.4	575.0	0.2	-18.9	26.1	3.1	-1.4	-2.8	320.2	325.1	1.5	22.3	1.5	24.
14.0	50.4	5177.0	550.0	-2.2	-21.6	31.6	2.9	-1.5	-2.4	321.5	325.6	1.2	21.0	1.3	22.
15.3	53.4	5575.0	525.0	-4.5	-26.2	12.4	2.6	-0.6	-2.6	323.0	325.9	0.9	16.5	1.1	21.
16.6	56.4	5975.3	500.0	-6.9	-26.6	324.5	2.1	1.2	-1.7	324.6	327.6	0.9	19.2	0.9	27.
17.9	59.6	6244.4	475.0	-9.2	-27.2	26.3	2.5	2.4	-0.6	325.9	328.8	0.9	22.5	0.9	37.
19.3	63.1	6701.5	450.0	-12.3	-24.3	293.4	2.7	2.6	-1.0	327.3	331.9	1.2	36.0	1.1	48.
20.7	66.4	7177.3	425.0	-14.9	-20.9	319.6	4.5	2.9	-3.4	329.9	335.6	1.7	60.3	1.1	62.
23.4	70.0	7592.6	400.0	-17.2	-25.5	329.5	6.2	3.9	-4.8	332.6	336.7	1.2	48.2	1.4	24.
24.1	73.6	8074.9	375.0	-20.2	-33.5	318.5	9.1	5.4	-6.1	334.9	337.1	0.6	29.1	1.9	103.
25.7	77.6	8591.9	350.0	-24.4	-36.2	316.5	7.4	5.1	-5.3	335.9	337.7	0.5	32.4	2.6	113.
27.5	81.5	9114.4	325.0	-29.3	-40.4	322.7	9.7	5.3	-6.9	336.3	337.6	0.3	33.0	3.4	119.
29.2	85.6	9637.7	300.0	-33.3	-45.6	315.5	6.3	4.4	-4.5	336.4	339.2	0.2	27.7	4.1	123.
31.3	90.2	10237.5	275.0	-38.7	99.9	314.6	6.9	4.9	-4.9	339.1	999.9	99.9	999.9	4.9	125.
33.4	95.0	10933.4	250.0	-44.2	99.9	299.9	4.1	3.8	-1.4	340.4	999.9	99.9	999.9	5.6	125.
35.3	99.8	11631.8	225.0	-49.7	99.9	257.7	5.2	5.0	1.5	342.4	999.9	99.9	999.9	6.0	123.
39.8	105.3	12797.2	200.0	-55.2	99.9	275.4	5.6	6.9	4.7	345.4	999.9	99.9	999.9	6.6	114.
41.8	111.0	13774.2	175.0	-59.6	99.9	253.3	15.4	14.8	4.3	351.6	999.9	99.9	999.9	8.5	103.
44.3	117.3	14182.2	150.0	-67.0	99.9	245.3	15.0	16.0	1.3	354.7	999.9	99.9	999.9	11.1	96.
48.3	124.7	15269.7	125.0	-70.5	99.9	301.3	7.3	6.4	-3.9	355.9	999.9	99.9	999.9	13.6	98.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

30 JUNE 1977  
2100 GAT

120 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DG C.	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	711.0	924.5	35.2	19.1	193.0	3.6	0.0	3.6	315.4	358.6	15.3	39.0	0.0	0.
99.9	99.9	92.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	15.9	1014.2	900.0	32.3	17.9	999.9	99.9	99.9	99.9	314.8	355.7	14.5	42.4	999.9	999.9
1.4	15.7	1264.7	875.0	29.1*	16.9	999.9	99.9	99.9	99.9	314.1	359.9	99.9	99.9	999.9	999.9
1.9	20.6	1573.0	850.0	27.0	16.5	999.9	99.9	99.9	99.9	314.4	359.9	99.9	99.9	999.9	999.9
2.5	23.0	1785.8	825.0	23.7	14.3	999.9	99.9	99.9	99.9	313.7	349.2	12.6	55.4	999.9	999.9
3.2	25.4	2054.5	800.0	21.3	13.3	999.9	99.9	99.9	99.9	313.9	348.4	12.2	66.4	999.9	999.9
3.9	27.8	2329.1	775.0	18.6	12.4	999.9	99.9	99.9	99.9	313.5	347.2	11.8	78.3	999.9	999.9
4.7	30.4	2618.0	750.0	16.0	12.2	999.9	99.9	99.9	99.9	314.0	348.2	12.1	88.3	999.9	999.9
5.7	32.0	2897.4	725.0	13.7	6.1	999.9	99.9	99.9	99.9	314.5	338.3	8.2	60.1	999.9	999.9
5.8	35.6	3168.5	700.0	11.7	4.2	999.9	99.9	99.9	99.9	315.4	337.9	7.7	62.6	999.9	999.9
8.1	33.3	3453.6	675.0	8.5	3.5	999.9	99.9	99.9	99.9	315.2	336.8	7.4	71.4	999.9	999.9
9.6	40.8	3707.4	650.0	7.3	-5.7	999.9	99.9	99.9	99.9	317.3	329.3	4.0	40.0	999.9	999.9
11.2	43.7	4120.4	625.0	5.4	-14.2	325.3	1.9	1.1	-1.6	318.6	325.1	2.0	22.7	2.9	26.
12.7	46.6	4461.7	600.0	3.4	-8.1	201.2	0.9	0.8	-0.5	320.0	320.9	3.9	42.7	2.9	29.
14.1	49.5	4803.6	575.0	1.0	-13.9	14.4	1.1	-0.3	-1.0	321.1	320.7	3.1	42.6	2.8	29.
17.4	55.4	5212.7	550.0	-1.2	-22.6	35.7	2.2	-0.3	-2.0	322.6	326.4	1.1	17.9	2.7	30.
18.9	58.4	5613.5	525.0	-6.7	-16.0	99.9	99.9	99.9	99.9	325.9	320.0	2.2	47.5	999.9	999.9
20.4	61.9	6020.2	475.0	-10.1	-19.4	99.9	99.9	99.9	99.9	325.5	321.2	1.7	46.3	999.9	999.9
22.1	65.1	6724.9	450.0	-13.7	-21.4	323.9	4.0	-5.4	-5.4	325.5	311.6	1.5	50.5	2.3	71.
23.6	68.4	7157.9	425.0	-16.1	-21.9	324.4	5.0	-4.9	-4.9	329.4	323.6	1.6	61.3	2.5	82.
25.4	71.7	7613.9	400.0	-18.1	-27.5	220.6	7.2	4.6	-5.5	331.5	325.0	1.0	43.2	2.9	95.
27.2	75.4	8098.2	375.0	-21.4	-30.4	12.4	5.4	2.8	-4.7	333.0	326.9	0.8	44.6	3.5	103.
29.2	79.3	8624.2	350.0	-25.9	-34.4	327.8	4.6	0.3	-4.5	334.0	326.1	0.6	42.9	3.8	111.
31.3	81.0	9123.4	325.0	-29.7	-38.6	327.4	3.1	1.3	-3.5	335.9	327.2	0.4	37.2	4.1	116.
33.9	87.2	9685.3	300.0	-33.2	-51.9	293.9	7.3	6.7	-3.0	338.6	329.9	0.1	12.2	4.8	117.
36.3	91.5	10207.7	275.0	-38.4	-55.1	244.3	9.0	7.5	-5.1	339.9	339.9	0.1	13.3	6.1	119.
38.9	94.0	10677.2	250.0	-44.0	-69.9	244.3	7.0	6.3	-3.1	340.7	999.9	99.9	99.9	7.3	118.
42.0	100.3	11445.6	225.0	-49.8	99.9	22.2	9.7	8.7	-0.3	342.2	999.9	99.9	99.9	8.5	116.
45.4	105.2	12407.1	200.0	-54.6	99.9	261.6	13.3	13.2	-1.9	345.3	999.9	99.9	999.9	10.5	109.
48.7	111.9	13249.1	175.0	-60.9	99.9	284.0	20.3	15.7	-5.0	349.9	999.9	99.9	999.9	13.6	106.
51.9	117.5	14189.7	150.0	-67.6	55.5	264.5	15.3	15.3	1.4	353.6	999.9	99.9	999.9	17.5	105.
56.3	125.0	15273.0	125.0	-71.8	99.9	286.1	13.5	10.1	-2.9	364.9	999.9	99.9	999.9	20.8	102.
59.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CO TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

30 JUNE 1977  
2057 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES WB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PJT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	595.0	944.1	34.0	25.9	180.0	5.1	0.0	5.1	312.3	375.4	22.9	63.0	0.0	0.
99.9	99.9	59.9	1000.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	10.4	769.1	925.0	30.9	99.5	99.9	99.9	99.9	99.9	310.9	399.0	99.9	99.9	999.9	999.9
2.1	12.1	1017.1	900.0	28.5	14.5	195.9	8.9	2.4	9.5	310.9	343.5	11.6	42.4	0.9	14.
3.4	13.8	1242.6	875.0	26.0	13.3	195.5	5.4	1.7	5.2	310.8	342.0	11.1	45.5	1.4	16.
4.6	15.5	1517.2	850.0	23.3	12.2	191.1	4.7	0.9	4.6	310.6	340.3	10.3	45.6	1.7	15.
5.7	17.3	1776.9	825.0	21.2	9.7	185.4	5.4	1.4	5.2	311.0	337.1	9.2	48.0	2.0	15.
6.7	19.1	2042.5	800.0	19.6	8.5	184.3	3.0	0.7	2.9	312.0	332.5	7.1	35.6	2.3	14.
7.9	20.8	2315.6	775.0	18.5	0.9	203.1	1.2	1.0	0.7	313.7	329.3	5.3	30.5	2.4	15.
9.0	22.7	2585.6	750.0	16.4	0.1	234.9	3.1	3.0	-0.6	314.4	329.6	5.1	32.9	2.4	15.
10.4	24.7	2847.8	725.0	14.0	-1.2	244.5	3.9	3.9	-0.8	314.4	329.6	5.1	32.9	2.4	15.
11.9	26.5	3117.5	700.0	11.5	-3.3	263.6	3.2	3.2	0.0	315.2	328.2	4.8	34.5	2.5	25.
13.4	28.5	3404.4	675.0	9.7	-10.1	266.7	4.5	4.4	1.0	316.6	324.5	4.3	35.4	2.7	32.
14.7	30.5	3702.7	650.0	7.9	-12.4	273.9	4.6	4.6	-0.2	317.8	325.0	2.3	22.3	3.2	42.
16.0	32.6	4114.5	625.0	5.2	-14.1	281.1	3.4	3.4	-0.5	318.6	325.2	2.1	23.0	3.3	47.
17.2	34.8	4446.1	600.0	2.6	-14.5	288.7	2.4	2.0	1.2	319.2	324.8	1.8	22.7	3.5	49.
18.4	36.9	4788.5	575.0	0.3	-14.5	293.2	0.5	0.6	0.1	320.4	325.8	1.7	24.5	3.6	48.
19.8	39.2	5147.6	550.0	-1.6	-17.6	297.7	1.1	1.1	-0.1	322.3	327.0	1.4	23.4	3.7	49.
21.3	41.4	5513.2	525.0	-3.2	-25.3	294.8	2.0	2.0	-0.5	324.5	327.8	0.9	16.5	3.7	50.
22.9	43.8	5845.7	500.0	-5.5	-27.2	301.6	1.9	1.6	-1.0	325.1	327.9	0.9	17.4	3.9	52.
24.4	46.2	6225.0	475.0	-7.2	-39.3	299.2	3.5	2.4	-0.3	326.4	328.8	0.7	17.5	3.9	56.
25.9	48.8	6713.6	450.0	-12.3	-31.9	292.2	3.0	2.7	-1.1	327.7	329.8	0.5	17.6	4.1	59.
27.5	51.3	7185.7	425.0	-14.5	-35.2	295.2	3.1	1.3	-2.8	330.4	332.0	0.4	15.1	4.2	63.
29.2	54.1	7603.4	400.0	-17.3	-36.5	2.1	0.9	-0.0	-0.9	332.5	334.0	0.4	17.0	4.1	65.
31.2	57.0	8052.3	375.0	-20.7	-35.7	314.3	4.2	3.0	-3.0	334.2	336.5	0.5	23.6	4.2	68.
33.1	60.0	8530.6	350.0	-24.0	-38.9	302.2	6.1	5.1	-3.2	336.4	337.6	0.4	23.8	4.5	76.
35.2	63.0	9123.0	325.0	-27.4	-42.7	304.3	6.3	5.5	-3.1	338.9	340.0	0.3	21.6	5.1	82.
37.2	66.7	9745.2	300.0	-31.9	-46.3	284.9	4.7	4.5	-1.4	340.4	341.2	0.2	22.2	5.7	85.
39.4	69.9	10411.1	275.0	-37.1	-50.3	315.0	5.6	4.0	-4.0	341.5	342.0	0.1	23.5	6.1	89.
41.7	73.7	10957.0	250.0	-42.9	99.5	310.2	9.5	7.2	-5.1	342.4	342.4	99.9	99.9	7.0	95.
44.1	77.7	11458.4	225.0	-48.8	99.5	295.9	7.3	6.5	-3.2	343.8	343.8	99.9	99.9	8.1	100.
46.7	82.0	12421.1	200.0	-55.1	99.5	249.2	6.3	5.9	2.2	345.6	345.6	99.9	99.9	9.0	99.
49.7	85.8	13245.3	175.0	-59.5	99.5	242.7	11.4	10.9	3.5	351.2	351.2	99.9	99.9	10.6	98.
51.0	92.3	14212.0	150.0	-67.2	99.9	254.5	13.2	9.8	2.7	354.4	354.4	99.9	99.9	12.7	91.
56.9	98.5	15720.0	125.0	-70.7	99.9	275.4	6.8	6.8	-0.6	356.9	356.9	99.9	99.9	14.8	91.
61.6	105.8	16478.6	100.0	-66.6	99.5	99.9	99.9	99.9	99.9	399.0	399.0	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

30 JUNE 1977  
2100 GMT

114 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR SS	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T CG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ CG
0.0	12.6	781.0	523.0	24.7	19.5	230.0	4.2	3.2	2.7	315.0	360.2	16.1	42.0	0.0	0.
59.9	99.9	60.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	14.7	1000.0	900.0	29.3	16.0	999.9	99.9	99.9	99.9	311.3	347.7	12.8	44.5	999.9	999.9
2.0	15.3	1259.6	875.0	26.0	14.2	595.0	99.9	90.9	99.9	311.7	346.1	12.3	47.6	999.9	999.9
3.5	15.1	1517.5	850.0	24.1	13.4	193.6	4.5	1.4	4.2	311.4	343.8	11.5	51.2	1.2	9.
4.8	21.3	1774.4	825.0	21.7	12.7	160.6	5.0	0.9	4.9	311.5	343.2	11.3	56.4	1.5	10.
5.9	23.7	2040.8	800.0	19.5	11.9	200.4	5.8	2.0	5.5	311.9	343.1	11.0	61.4	1.9	11.
7.1	25.9	2317.5	775.0	17.0	11.2	165.6	4.3	1.7	4.6	312.1	342.8	10.9	68.6	2.3	13.
8.1	28.4	2592.7	750.0	14.3	10.2	207.1	3.5	1.6	3.1	312.2	342.0	10.5	76.4	2.5	14.
9.7	31.0	2879.0	725.0	13.1	9.6	269.9	2.5	2.5	0.0	313.8	336.7	7.9	60.5	2.7	16.
10.4	33.6	3173.4	700.0	11.0	7.6	293.2	2.7	2.4	-1.1	314.7	334.2	6.7	56.1	2.7	20.
11.6	36.0	3476.0	675.0	8.4	1.7	239.8	2.1	1.4	-1.5	315.0	331.9	5.4	62.8	2.7	24.
12.8	38.7	3786.8	650.0	5.9	-9.4	335.6	3.5	1.1	-2.3	315.5	328.7	3.0	33.1	2.6	27.
14.0	41.1	4107.4	625.0	4.5	-13.3	348.5	3.2	0.6	-3.2	317.0	324.8	2.2	25.4	2.4	31.
15.2	43.9	4439.0	600.0	2.9	-16.7	10.4	3.1	-0.5	-3.0	319.4	325.0	1.7	22.1	2.2	34.
16.4	46.7	4782.2	575.0	0.9	-19.5	2.3	0.3	-0.3	-0.3	320.9	325.9	1.5	22.0	2.1	35.
17.6	49.5	5137.6	550.0	-1.5	-20.9	235.0	0.7	0.5	0.4	322.4	326.7	1.3	21.0	2.1	35.
18.7	52.4	5505.1	525.0	-4.4	-22.1	243.3	0.8	0.9	-0.3	323.2	327.2	1.2	22.9	2.2	35.
19.9	55.1	5884.5	500.0	-7.0	-25.4	251.7	1.6	1.5	-0.6	324.5	327.6	1.0	21.3	2.2	38.
21.3	58.4	6287.0	475.0	-9.5	-13.9	331.7	2.5	1.1	-2.2	326.2	331.8	1.7	42.4	2.2	42.
22.8	61.6	6702.2	450.0	-12.5	-23.5	341.3	5.8	2.7	-5.1	327.5	331.7	1.2	35.5	2.1	52.
24.2	64.9	7145.5	425.0	-15.4	-24.2	329.2	5.4	3.3	-5.5	329.2	331.5	1.3	46.7	2.1	67.
25.9	68.1	7622.4	400.0	-17.5	-20.8	323.3	7.3	4.5	-6.4	332.3	325.9	0.7	30.0	2.3	82.
27.1	71.4	8073.0	375.0	-21.0	-30.2	324.0	7.0	3.1	-6.3	333.8	325.7	0.8	43.2	2.7	99.
28.1	75.1	8574.8	350.0	-24.7	-30.8	314.0	5.5	3.9	-3.8	335.4	328.4	0.9	57.1	3.1	106.
29.9	79.0	9117.2	325.0	-28.9	-34.6	307.5	3.9	3.0	-2.3	336.9	339.1	0.6	57.7	3.5	110.
31.0	82.8	9681.3	300.0	-33.2	-39.5	326.4	5.1	3.4	-5.1	339.1	340.0	0.4	53.4	4.0	114.
33.0	86.7	10285.0	275.0	-39.5	-45.1	293.6	6.2	5.6	-2.5	339.3	340.3	0.2	49.5	4.9	117.
37.2	91.2	10673.9	250.0	-44.1*	99.9	267.1	5.2	5.2	0.3	340.5	999.9	99.9	999.9	5.9	115.
39.6	95.7	11571.0	225.0	-49.2	99.9	243.4	6.8	5.1	2.2	343.1	999.9	99.9	999.9	6.1	109.
42.3	100.5	12394.1	200.0	-53.9	99.9	263.0	13.7	13.5	2.3	347.4	999.9	99.9	999.9	7.7	100.
45.1	105.0	13244.4	175.0	-59.2	99.9	273.2	17.7	17.6	-1.0	353.8	999.9	99.9	999.9	10.0	97.
49.0	111.6	14106.4	150.0	-66.2	99.9	263.9	15.3	15.7	1.7	356.1	999.9	99.9	999.9	13.9	54.
51.1	117.8	15297.1	125.0	-69.6	99.9	262.3	9.7	9.5	-2.1	369.0	999.9	99.9	999.9	15.5	95.
54.9	125.0	16527.4	100.0	-65.3	99.9	953.9	99.9	99.9	99.9	401.7	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	59.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	60.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEXAS

1 JULY 1977  
0 GMT

114 100. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	97.0	911.5	32.2	16.5	150.0	7.9	-2.9	6.2	313.6	350.4	13.1	39.0	0.0	0.
99.9	99.9	99.9	1000.0	32.5	16.5	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	32.5	16.5	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	32.5	16.5	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	32.5	16.5	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	13.2	99.5	900.0	31.4	15.5	173.2	7.0	-0.9	6.9	314.0	356.5	15.1	45.9	0.2	34.7.
1.4	15.3	1241.2	875.0	29.2	14.5	170.3	7.5	-1.3	7.5	314.1	355.2	14.6	45.6	0.6	35.1.
2.1	17.2	1499.0	850.0	28.5	14.9	166.9	7.2	-1.5	7.0	314.0	354.6	14.5	55.5	0.9	35.0.
4.4	21.2	2099.4	800.0	28.8	14.8	163.0	7.3	-2.0	7.0	313.5	352.3	13.8	61.7	1.3	34.9.
6.0	23.5	2571.7	775.0	19.5	15.2	155.0	6.0	-0.4	6.0	313.7	356.3	15.2	96.7	2.6	34.7.
7.5	25.6	2844.7	750.0	16.5	14.6	159.4	5.4	1.8	5.1	313.4	347.3	11.6	73.3	3.1	35.0.
9.4	27.4	3122.2	725.0	14.5	14.4	159.5	4.0	1.3	3.7	315.5	341.5	9.0	62.0	3.3	35.3.
9.5	30.2	3199.1	700.0	12.4	13.9	150.9	3.0	0.5	2.9	315.2	340.7	8.4	65.0	3.5	35.5.
10.4	32.5	3274.4	675.0	9.6	13.2	152.7	1.7	0.4	1.6	315.4	340.5	8.3	74.0	3.6	35.5.
11.4	35.1	3359.9	650.0	7.2	12.8	204.5	0.6	0.3	0.5	317.2	340.0	7.8	78.9	3.7	35.5.
12.4	37.5	3437.9	625.0	4.5	11.1	26.1	1.8	-0.9	-1.6	317.2	337.4	6.7	76.1	3.7	35.6.
13.4	40.1	3517.7	600.0	1.6	-1.9	41.0	4.5	-2.9	-3.4	318.0	334.8	5.6	77.7	3.5	35.3.
14.5	42.5	3592.6	575.0	0.2	-2.2	47.5	5.4	-4.0	-3.6	320.2	336.2	5.3	78.0	3.3	34.2.
15.6	45.4	3674.4	550.0	-2.5	-2.5	43.0	5.6	-3.9	-4.0	320.5	334.3	4.4	78.5	3.2	34.3.
17.1	48.7	3751.2	525.0	-4.9	-3.8	41.0	5.4	-3.5	-4.3	320.5	332.6	3.2	63.4	2.9	33.4.
19.4	51.0	3827.5	500.0	-6.7	-4.2	52.2	3.6	-2.8	-2.2	324.5	336.6	3.8	83.2	2.8	32.7.
19.4	54.1	3905.4	475.0	-7.7	-4.4	47.5	2.1	-1.6	-1.4	324.0	336.9	3.4	88.9	2.8	32.4.
20.4	57.0	3983.0	450.0	-11.6	-4.0	53.5	4.0	-2.2	-2.4	329.3	337.6	2.9	84.1	2.8	32.1.
21.8	60.4	4061.9	425.0	-14.4	-3.8	51.8	2.3	-2.3	-2.0	330.3	337.3	2.2	77.5	2.9	31.3.
23.0	63.8	4140.7	400.0	-16.7	-3.4	191.3	1.1	0.0	1.1	333.2	340.1	2.0	79.4	3.0	31.4.
24.5	67.2	4219.2	375.0	-18.9	-2.7	252.3	1.0	1.0	0.3	335.3	340.7	1.6	72.0	3.0	31.5.
25.1	70.7	4297.9	350.0	-21.4	-2.4	270.5	3.5	3.5	-0.2	337.2	341.4	1.2	71.5	2.0	31.6.
26.4	74.7	4376.9	325.0	-24.7	-2.1	288.7	7.6	7.4	-1.7	339.0	341.4	0.9	99.9	2.8	31.9.
27.6	78.9	4456.1	300.0	-28.4	-1.8	291.2	10.3	10.2	-2.3	339.7	341.6	0.5	60.0	2.3	32.8.
29.4	83.3	4535.3	275.0	-32.3	-1.3	277.6	9.3	9.2	-3.1	341.2	342.4	0.5	52.6	1.9	34.6.
31.4	87.4	4614.6	250.0	-36.7	-0.9	289.7	9.2	8.7	-3.1	342.5	342.4	0.5	99.9	1.6	16.
34.4	92.4	4694.6	225.0	-40.5	-0.5	290.6	12.6	12.4	-2.3	344.1	342.4	0.5	99.9	2.1	54.
37.3	97.5	4774.9	200.0	-44.4	0.0	241.0	13.9	13.9	2.0	346.6	342.4	0.5	99.9	4.1	73.
39.3	102.5	4855.2	175.0	-48.0	0.0	233.4	15.1	17.1	-2.9	348.5	342.4	0.5	99.9	6.9	78.
40.1	107.5	4935.2	150.0	-51.7	0.0	233.0	13.5	13.5	-3.2	350.6	342.4	0.5	99.9	9.8	85.
43.5	114.7	5015.2	125.0	-55.5	0.0	330.5	6.5	3.2	-5.7	355.6	342.4	0.5	99.9	11.3	50.
47.6	125.0	5095.6	100.0	-59.5	0.0	330.9	99.9	99.9	99.9	357.3	342.4	0.5	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

1 JULY 1977

124 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WFOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	771.0	924.5	23.7	20.7	0.0	0.0	0.0	0.0	308.7	354.9	16.9	62.0	0.0	0.
99.9	99.9	69.6	1003.0	99.9	99.9	09.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	69.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	69.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	69.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	15.5	1010.0	900.0	30.0	99.9	999.9	99.9	99.9	99.9	312.5	999.9	99.9	999.9	999.9	999.9
1.9	17.9	1231.2	875.0	28.1	18.1	999.9	99.9	99.9	99.9	313.0	355.3	15.1	54.4	999.9	999.9
2.9	20.4	1518.4	850.0	25.8	16.7	166.6	7.1	-1.6	6.9	313.2	353.2	14.3	57.5	0.9	344.
3.8	23.9	1790.6	825.0	23.1	15.1	143.6	5.3	-1.8	5.0	313.0	350.2	13.2	60.8	1.2	344.
4.8	26.4	2068.6	800.0	20.7	14.3	159.0	7.4	-2.3	6.9	313.3	349.7	12.9	66.5	1.6	343.
5.9	27.9	2322.7	775.0	17.6	13.4	165.9	5.0	-2.3	5.5	313.0	348.6	12.6	75.3	2.1	342.
7.0	30.7	2607.1	750.0	15.7	13.4	171.4	4.8	-0.7	4.7	313.6	350.4	13.1	86.6	2.4	342.
8.0	33.2	2890.1	725.0	12.4	10.1	200.9	2.5	0.9	2.3	313.1	343.9	10.9	86.0	2.7	344.
9.1	35.9	3164.7	700.0	11.9	6.9	262.4	1.4	1.4	0.2	315.6	341.6	9.0	71.3	2.7	348.
10.0	38.9	3437.9	675.0	9.9	2.1	274.9	1.0	1.0	-0.1	315.6	335.1	6.7	62.5	2.6	347.
11.0	41.5	3706.5	650.0	6.5	-0.4	280.1	0.6	0.6	-0.1	315.3	333.4	5.8	61.5	2.6	348.
12.1	44.5	3970.0	625.0	3.5	-1.5	27.9	1.0	-0.5	-0.9	316.4	332.8	5.5	69.7	2.6	349.
13.5	47.5	4230.6	600.0	0.9	-2.9	57.0	3.1	-2.6	-1.7	317.2	333.4	5.4	75.4	2.5	345.
14.6	50.5	4487.9	575.0	-0.7	-4.3	21.2	3.2	-1.2	-3.0	319.1	333.3	4.6	73.5	2.4	345.
15.9	53.5	4745.9	550.0	-2.5	-7.2	0.7	4.9	-0.1	-0.9	319.5	332.3	4.0	75.4	2.1	337.
17.3	56.6	5012.4	525.0	-6.1	-10.7	355.8	6.1	0.4	-6.1	320.8	332.4	4.1	90.0	1.8	321.
18.8	60.0	5279.6	500.0	-8.2	-10.2	351.8	7.4	1.0	-7.3	322.2	333.2	3.5	90.2	1.2	319.
20.2	63.4	5546.0	475.0	-11.3	-13.9	149.3	7.9	1.5	-7.7	323.9	332.7	2.8	81.6	0.7	291.
21.6	66.7	5813.1	450.0	-14.0	-16.2	350.5	6.7	1.1	-6.8	325.6	333.3	2.4	82.2	0.7	283.
22.9	70.3	6079.4	425.0	-16.5	-16.5	341.9	5.1	1.6	-6.4	327.8	335.6	2.4	96.5	0.9	210.
24.3	73.9	6347.4	400.0	-19.1	-20.3	347.7	4.5	1.0	-6.4	329.3	335.6	1.9	95.7	1.2	197.
25.2	77.8	6615.5	375.0	-22.3	-24.8	244.5	3.8	1.0	-6.7	330.8	335.5	1.4	69.2	1.6	189.
28.1	81.6	6883.9	350.0	-26.3	-29.0	241.4	4.4	5.1	-1.4	333.3	337.1	1.1	65.5	1.9	179.
30.0	85.4	7151.1	325.0	-30.7	-33.3	251.3	5.7	6.5	-0.3	334.2	336.9	0.7	77.8	2.2	163.
32.2	89.9	7419.2	300.0	-34.4	-37.0	239.9	4.6	4.0	2.3	336.9	338.9	0.5	76.4	2.4	143.
34.4	94.4	7687.4	275.0	-39.5	-39.9	208.3	2.2	1.1	2.0	338.0	999.9	95.9	959.9	2.4	134.
36.9	99.2	7955.5	250.0	-44.9	09.5	266.5	3.2	3.9	0.2	339.3	999.9	99.9	995.9	2.5	127.
39.1	104.2	8223.9	225.0	-50.9	99.9	271.8	7.3	7.3	-0.2	340.5	999.9	95.9	995.9	3.2	120.
41.5	109.8	8492.5	200.0	-56.4	96.3	280.1	12.5	12.4	-2.2	342.5	999.9	99.9	995.9	4.7	112.
44.2	115.4	8760.9	175.0	-62.9	96.9	287.7	15.4	14.6	-0.7	346.2	999.9	99.9	999.9	6.9	109.
47.0	121.8	9029.5	150.0	-70.5	99.9	277.0	15.5	16.4	-2.0	348.7	999.9	99.9	995.9	9.5	108.
51.1	128.7	9297.9	125.0	-77.1	99.5	307.4	9.3	7.4	-5.6	355.3	999.9	99.9	995.9	12.1	105.
99.9	99.9	67.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	69.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	69.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	69.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

1 JULY 1977  
GMT

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TIME MIN	CNCT <sup>†</sup>	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	575.0	942.8	33.4	20.9	150.0	5.1	0.0	5.1	311.9	358.2	16.8	42.0	0.0	0.
07.9	52.9	59.9	1002.0	59.9	99.9	62.0	59.9	59.9	97.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	52.6	59.0	975.0	59.0	99.9	69.9	59.5	59.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	08.9	90.9	550.0	59.0	99.9	69.9	59.5	59.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.4	12.5	759.2	675.0	31.9	99.5	97.9	99.9	99.9	99.9	211.9	99.9	99.9	99.9	999.9	999.9
1.2	15.8	1013.3	500.0	33.5	20.3	99.9	99.9	99.9	99.9	316.0	381.8	21.9	46.0	999.9	599.9
2.0	18.7	1253.5	875.0	26.2	15.0	192.9	7.0	1.6	5.8	311.0	345.6	12.4	50.3	0.9	12.
2.2	20.8	1520.4	950.0	23.7	14.3	184.4	6.7	0.5	6.7	211.0	345.1	12.2	55.6	1.2	12.
3.5	23.3	1791.0	825.0	21.4	13.0	180.5	6.5	0.1	6.5	311.3	347.6	11.5	52.6	1.5	10.
4.4	25.9	2047.5	800.0	19.2	12.7	174.1	6.5	-0.7	6.5	311.6	346.5	12.4	70.2	1.8	8.
5.4	28.4	2320.0	775.0	17.4	6.5	175.0	3.3	-0.3	3.3	312.5	335.2	7.9	45.0	2.1	5.
5.4	31.1	2590.9	750.0	16.5	2.1	235.5	1.3	1.1	0.7	314.6	332.1	6.0	37.6	2.2	6.
7.4	33.5	2847.1	725.0	13.4	1.8	251.9	1.3	1.2	0.4	314.2	331.9	6.0	45.1	2.2	8.
9.4	35.7	3191.7	700.0	10.9	1.8	233.3	1.6	1.0	1.2	314.6	331.2	5.6	47.6	2.3	10.
9.5	39.3	3497.6	675.0	8.6	3.8	259.9	1.3	1.3	0.2	315.3	326.4	3.7	35.6	2.4	10.
10.7	42.0	3783.9	650.0	6.0	5.5	295.2	2.4	2.1	-1.1	315.8	326.8	3.6	40.2	2.4	14.
13.0	45.0	4116.4	625.0	4.2	-16.2	267.5	1.9	1.8	0.4	317.4	322.9	1.7	20.7	2.3	12.
14.6	48.0	4445.1	600.0	3.2	-20.6	29.3	0.9	-0.4	-0.8	319.8	323.8	1.2	15.4	2.4	19.
15.0	50.9	4789.6	575.0	1.1	-20.4	207.7	2.3	1.1	2.2	321.3	325.7	1.3	18.3	2.2	19.
17.3	54.0	5147.9	550.0	-1.1	-20.3	350.4	0.5	0.1	-0.5	322.5	325.3	0.9	12.8	4.3	20.
19.9	58.3	5504.0	525.0	-2.8	-25.4	23.2	5.7	-2.3	-6.3	323.8	325.1	0.6	11.5	2.1	19.
20.4	62.7	5894.8	475.0	-5.1	-35.5	746.4	5.2	1.2	-2.4	326.7	325.0	0.4	9.5	1.6	29.
22.7	70.5	6710.7	450.0	-11.5	-33.1	0.9	5.9	-0.1	-5.0	328.3	332.8	1.3	35.5	1.3	44.
23.7	70.5	7145.7	425.0	-14.5	-33.7	15.9	3.7	-1.0	-3.5	330.4	332.3	0.5	17.6	0.9	65.
25.4	74.1	7402.4	400.0	-19.2	-31.4	32.0	3.5	-1.3	-3.0	331.3	333.7	0.7	30.1	0.5	83.
27.2	77.0	7681.0	375.0	-22.2	-30.5	322.8	4.5	0.6	-4.5	332.3	335.1	0.8	46.1	0.7	119.
28.9	81.7	8045.0	350.0	-25.5	-27.9	359.8	4.9	2.4	-4.2	334.4	339.2	1.1	75.9	1.1	136.
30.9	85.6	8419.6	325.0	-28.5	-35.4	294.1	5.2	4.7	-2.1	337.3	339.4	0.6	51.9	1.6	137.
32.9	89.5	8697.4	300.0	-33.7	-31.5	271.4	5.0	5.0	-0.1	337.9	336.1	0.3	44.4	2.2	125.
35.2	92.4	10291.4	275.0	-38.8	-47.1	269.4	5.4	6.4	0.2	339.1	335.9	0.2	40.6	2.8	115.
37.7	99.0	10979.6	250.0	-43.9	99.9	267.9	9.1	9.1	0.3	340.0	339.9	99.9	99.9	4.0	102.
40.4	103.8	11677.6	225.0	-49.3	99.9	272.2	11.3	11.3	0.5	343.0	339.9	99.9	99.9	5.5	103.
43.6	109.4	12369.6	200.0	-55.0	99.9	275.8	15.9	15.7	-1.9	345.7	339.9	99.9	99.9	8.1	59.
46.6	115.2	13242.0	175.0	-61.4	99.9	261.3	15.2	15.1	2.2	348.5	339.9	99.9	99.9	11.2	95.
50.5	121.7	14181.9	150.0	-69.9	99.9	277.2	15.7	15.6	-2.0	351.5	339.9	99.9	99.9	14.6	95.
54.6	129.0	15235.4	125.0	-72.1	59.5	303.1	7.4	6.2	-4.0	354.5	339.9	99.9	99.9	17.4	96.
58.6	135.7	16506.4	100.0	-86.7	49.9	99.9	99.9	99.9	99.9	359.9	339.9	99.9	99.9	999.9	999.9
59.9	92.9	54.9	75.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

1 JULY 1977  
0 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	781.0	522.0	33.7	18.6	160.0	4.0	-1.4	3.8	313.7	355.4	14.9	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	14.1	907.7	900.0	29.0	17.2	999.9	99.9	99.9	99.9	311.4	350.2	13.9	49.1	999.9	999.9
1.6	16.1	1242.7	975.0	28.5	17.6	167.0	6.8	-1.5	6.6	313.4	354.5	14.7	51.8	0.8	350.
2.6	18.3	1505.1	850.0	26.1	16.2	174.3	4.5	-0.4	4.4	313.5	352.2	13.8	54.5	1.1	350.
3.8	20.5	1768.6	925.0	23.4	14.8	175.7	9.3	-0.7	9.3	313.3	349.8	13.0	56.6	1.7	351.
4.9	22.7	2076.7	800.0	20.2	13.6	184.9	5.1	0.4	5.1	313.3	348.2	12.4	53.3	2.1	353.
5.9	25.1	2311.0	775.0	19.4	12.9	192.9	4.8	1.1	4.7	313.6	348.0	12.2	70.3	2.3	355.
5.9	27.4	2591.9	750.0	15.9	10.4	203.4	7.3	1.6	3.4	313.9	344.5	10.7	70.1	2.6	358.
8.0	29.8	2879.8	725.0	14.3	6.5	312.5	1.6	1.2	-1.1	315.1	339.6	8.5	59.6	2.7	360.
9.0	32.4	3175.4	700.0	11.5	4.6	332.2	1.9	0.9	-1.7	315.2	337.4	7.6	62.5	2.5	1.
10.1	35.0	3479.4	675.0	8.9	4.0	316.5	2.2	1.5	-1.6	315.5	337.6	7.6	72.0	2.5	2.
11.1	37.4	3790.5	650.0	6.5	4.7	338.4	4.3	1.6	-4.0	316.3	340.4	6.3	88.3	2.3	5.
12.2	40.2	4111.8	625.0	4.4	-1.1	351.9	3.8	0.5	-3.8	317.5	334.6	5.7	68.1	2.0	8.
13.3	42.8	4443.7	600.0	2.7	-11.6	354.0	4.6	0.3	-4.6	319.3	327.5	2.6	34.0	1.8	10.
14.4	45.7	4755.8	575.0	0.3	-15.9	346.7	4.2	1.0	-4.1	320.9	327.1	1.9	27.3	1.5	13.
15.5	48.5	5143.8	550.0	-0.7	-17.2	340.3	4.0	1.3	-3.7	323.3	329.2	1.8	27.3	1.3	15.
16.8	51.5	5512.9	525.0	-2.9	-19.9	354.2	3.9	0.3	-3.9	325.0	330.0	1.5	25.4	1.0	33.
18.1	54.6	5897.9	500.0	-5.2	-17.4	28.3	2.4	-1.1	-2.1	326.7	333.2	2.0	37.9	0.9	33.
19.4	57.6	6297.6	475.0	-6.5	-17.5	17.4	3.9	-1.2	-3.7	326.3	332.9	2.0	51.7	0.6	39.
20.7	61.0	6717.8	450.0	-11.5	-19.9	25.3	4.5	-1.9	-4.1	328.8	335.1	1.9	54.2	0.2	65.
22.2	64.4	7151.0	425.0	-13.4	-17.1	341.9	6.2	1.9	-5.9	331.7	339.6	2.4	74.1	0.3	124.
23.8	67.9	7498.2	400.0	-19.0	-23.9	5.5	7.7	-0.7	-7.6	331.6	336.3	1.4	59.6	1.1	161.
25.3	71.3	8087.8	375.0	-21.0	-26.9	337.8	3.7	1.4	-3.4	333.9	337.8	1.1	59.1	1.5	169.
27.2	75.3	8594.5	350.0	-24.2	-34.5	294.4	5.1	4.6	-2.1	335.2	338.3	0.6	37.4	1.9	161.
28.9	79.2	9130.7	325.0	-28.2	-36.3	295.9	4.2	3.3	-1.9	337.9	339.8	0.5	45.4	2.2	150.
30.7	83.3	9700.2	300.0	-32.8	-38.1	328.0	5.4	3.0	-4.5	339.2	341.0	0.5	58.7	2.7	147.
32.5	87.6	10304.9	275.0	-37.5	-41.7	301.6	6.0	5.1	-3.1	341.0	342.3	0.3	63.8	3.2	146.
34.8	92.3	10955.9	250.0	-42.7	99.9	297.6	13.6	12.0	-5.3	342.6	999.9	99.9	999.9	4.4	138.
37.2	97.2	11559.2	225.0	-48.7	99.9	293.3	12.5	11.5	-5.0	343.9	999.9	99.9	999.9	6.1	132.
39.6	102.5	12427.4	200.0	-54.6	99.9	274.5	19.7	19.6	-2.2	346.3	999.9	99.9	999.9	8.2	124.
42.2	108.5	13266.0	175.0	-60.9	99.9	273.4	13.2	13.2	-0.8	349.5	999.9	99.9	999.9	10.6	117.
44.6	115.0	14207.4	150.0	-66.9	99.9	293.8	18.7	17.1	-7.5	354.8	999.9	99.9	999.9	12.7	115.
47.6	122.3	15300.2	125.0	-71.2	99.9	320.4	6.9	4.4	-5.3	365.1	999.9	99.9	999.9	14.9	116.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

1 JULY 1977  
303 GMT

117 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES IN	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
3.0	12.6	873.0	514.0	23.0	16.8	150.0	4.7	-2.4	4.1	311.1	348.1	13.3	45.0	0.0	0.
7.9	99.9	56.0	1003.0	59.3	55.5	59.0	57.9	59.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	50.0	575.0	59.3	59.3	59.0	59.3	90.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	50.9	550.0	59.9	55.5	59.0	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
3.6	13.8	1010.5	500.0	23.9*	16.7	167.5	9.6	-2.8	9.5	311.4	599.9	14.0	599.9	0.2	336.
1.2	15.7	1241.1	875.0	27.1	16.9	160.7	10.6	-3.5	10.0	312.2	351.4	14.0	53.1	0.6	340.
2.1	17.8	1517.2	850.0	25.0	15.3	159.6	10.5	-2.9	9.8	312.4	348.9	13.0	54.8	1.3	340.
2.9	20.1	1779.8	825.0	22.8	13.9	152.7	7.7	-3.5	6.9	312.7	347.1	12.2	57.0	1.7	336.
4.0	22.2	2045.9	800.0	20.9	13.0	151.6	5.2	-2.5	4.6	313.5	347.1	11.9	60.4	2.1	338.
4.3	24.5	2311.4	775.0	18.6	12.0	155.6	6.0	-2.5	5.5	313.8	345.3	11.4	65.2	2.4	337.
5.7	26.6	2533.7	750.0	16.7	10.5	155.6	4.0	-1.5	3.7	314.3	345.1	10.8	65.0	2.6	337.
5.7	29.0	2799.2	725.0	14.1	9.7	159.7	3.6	-2.3	2.6	315.0	343.2	9.8	70.0	2.9	338.
7.6	31.9	3125.6	700.0	11.6	6.2	141.6	2.0	-1.3	1.6	315.4	341.3	5.0	78.6	3.1	338.
9.9	34.1	3300.0	675.0	10.6	1.5	16.5	4.2	-1.2	-4.0	317.5	336.3	6.3	53.1	3.0	336.
10.0	35.4	3407.3	650.0	7.9	-0.9	11.8	5.3	2.1	-4.2	317.9	334.5	5.6	54.1	2.7	332.
10.9	36.1	4195.8	625.0	5.7	-3.5	27.2	4.8	-2.2	-4.3	319.0	333.7	4.7	51.3	2.5	327.
12.1	41.7	4459.1	590.0	3.7	-6.7	40.0	5.1	-3.3	-3.9	319.9	332.7	4.5	55.8	2.5	320.
13.1	44.5	4829.6	575.0	0.1	-6.0	42.0	4.9	-2.3	-3.7	320.1	333.2	4.2	62.3	2.4	312.
14.1	47.3	5157.0	550.0	-2.1	-8.2	39.9	4.5	-2.2	-3.9	321.6	333.2	3.8	63.2	2.4	306.
15.2	50.1	5525.0	525.0	-4.0	-9.6	21.9	3.6	-1.4	-3.4	322.5	333.5	3.5	65.8	2.4	299.
15.5	53.1	5877.7	500.0	-7.7	-15.2	17.4	5.1	2.1	-4.8	322.9	330.4	2.3	57.5	2.3	292.
17.8	56.1	6244.1	475.0	-10.1	-11.0	37.6	4.7	-2.6	-4.0	324.8	335.8	3.5	97.1	2.4	281.
19.2	58.4	6719.2	450.0	-13.2	-14.0	40.8	4.1	-2.7	-3.1	325.7	336.0	2.9	53.5	2.6	275.
20.9	62.8	7153.5	425.0	-15.1	-18.0	45.4	3.6	-2.5	-2.4	325.6	336.8	2.2	78.2	2.8	268.
22.5	66.1	7599.3	400.0	-19.3	-27.2	31.6	3.5	-1.3	-3.2	331.2	334.8	1.0	45.4	3.1	264.
24.2	68.8	8088.4	375.0	-21.0	-31.2	35.5	4.9	2.0	-4.5	332.6	335.2	0.7	42.2	3.1	256.
26.9	71.5	8623.3	350.0	-24.1	-42.0	29.2	9.9	7.9	-4.2	335.6	337.0	0.4	26.7	3.0	247.
29.9	81.8	9123.3	325.0	-29.1	-42.0	29.2	9.9	7.9	-4.2	335.6	337.6	0.2	27.2	2.6	229.
33.2	85.8	10739.4	275.0	-35.7	-45.6	24.2	3.7	7.3	-3.8	338.0	338.8	0.2	28.6	2.4	208.
34.9	90.6	10989.8	250.0	-43.1	-39.8	37.3	11.7	2.3	-7.1	340.0	341.6	0.4	83.7	2.9	176.
37.3	95.3	11650.4	225.0	-48.0	99.9	30.2	11.9	12.3	-8.4	342.1	999.9	99.9	999.9	4.5	157.
40.1	100.6	12419.1	200.0	-55.5	99.9	29.2	15.2	13.3	-7.6	343.6	999.9	99.9	999.9	6.5	144.
47.1	103.5	13259.2	175.0	-62.2	99.9	28.9	13.6	13.1	-7.6	345.0	999.9	99.9	999.9	8.8	139.
48.3	113.0	14184.7	150.0	-69.4	99.9	28.9	15.1	15.1	-3.5	347.3	999.9	99.9	999.9	11.5	132.
50.0	123.0	15279.9	125.0	-71.2	99.9	29.7	3.9	3.6	-0.2	366.0	999.9	99.9	999.9	13.8	123.
99.9	99.9	50.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	50.0	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	50.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	50.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY WIND MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
PCST, TEXAS

1 JULY 1977  
300 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM W-CLE MINUTE VALUES

121 99. 1

TIME MIN	CNTC"	HEIGHT GPM	PRES MB	TEMP DG C.	CEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	771.0	925.2	27.8	20.9	0.0	0.0	0.0	0.0	307.7	354.2	17.1	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	12.8	772.9	925.0	27.8*	20.8	999.9	99.9	99.9	99.9	307.8	354.1	17.0	65.7	999.9	999.9
1.0	15.2	1017.7	900.0	20.4	20.1	999.9	99.9	99.9	99.9	311.9	358.2	16.7	57.2	999.9	999.9
1.9	17.4	1269.0	875.0	26.7	17.6	171.4	10.3	-1.5	10.2	311.5	352.3	14.6	57.3	999.9	999.9
2.9	19.8	1524.8	850.0	24.6	15.2	181.6	9.1	0.3	9.1	311.9	349.5	13.4	58.1	0.9	347.
3.9	22.0	1786.6	825.0	22.8	15.1	165.7	8.6	0.8	8.6	312.7	349.9	13.2	61.8	1.5	351.
4.0	24.6	2054.2	800.0	20.1	13.2	189.9	7.1	1.1	7.0	312.6	346.6	12.1	64.4	2.1	354.
6.1	26.9	2328.0	775.0	17.9	12.0	209.9	5.4	2.7	4.7	313.0	345.6	11.5	68.7	2.6	357.
7.3	29.5	2608.5	750.0	15.6	10.7	230.3	4.7	3.7	3.0	313.5	344.5	10.9	72.7	2.9	359.
8.4	32.1	2886.0	725.0	12.7	9.7	252.9	2.3	1.9	1.2	313.4	343.4	10.5	72.7	3.2	4.
9.5	34.8	3166.5	700.0	11.1	4.1	27.5	1.2	-1.2	-0.2	314.6	338.3	7.4	81.9	3.4	7.
10.7	37.3	3444.0	675.0	9.4	0.2	67.7	4.8	-4.4	-1.8	316.4	323.5	5.8	61.9	3.4	8.
12.0	40.1	3805.7	650.0	7.3	-0.6	62.5	5.9	-5.2	-2.7	317.8	324.8	5.7	55.5	3.2	357.
13.3	42.8	4124.8	625.0	4.6	-1.8	48.2	3.8	-2.9	-2.5	317.7	323.9	5.4	63.4	2.9	350.
14.6	45.7	4460.6	600.0	2.6	-3.4	29.0	4.6	-2.2	-4.1	319.1	324.2	5.0	64.8	2.8	346.
15.9	48.7	4807.5	575.0	-0.1	-5.3	22.6	5.8	-2.2	-5.3	319.9	323.6	4.5	68.2	2.4	340.
17.3	51.5	5159.1	550.0	-2.5	-8.7	30.8	10.2	-5.2	-9.8	321.1	322.4	3.6	62.8	2.1	328.
18.8	54.6	5526.5	525.0	-4.5	-11.0	30.3	12.2	-6.6	-11.4	323.0	323.0	3.1	60.3	1.9	289.
20.3	57.6	5907.6	500.0	-6.0	-13.2	37.1	11.5	-6.9	-9.2	323.3	322.1	2.9	66.1	2.3	258.
22.0	60.9	6305.4	475.0	-8.7	-15.2	34.2	14.8	-8.4	-12.2	326.0	324.0	2.5	63.9	3.4	249.
23.6	64.3	6721.0	450.0	-12.5	-18.7	31.2	10.3	-5.5	-9.2	326.2	322.6	1.9	65.1	4.5	232.
25.3	67.6	7154.5	425.0	-15.8	-18.5	37.8	5.6	-3.4	-4.4	328.7	325.6	2.1	75.8	5.2	235.
27.4	71.0	7609.5	400.0	-19.1	-21.0	40.4	1.2	-0.7	-0.9	330.2	326.1	1.8	84.6	5.7	234.
29.0	74.7	8086.9	375.0	-22.9	-24.8	211.1	2.3	1.2	1.9	331.2	325.9	1.4	84.6	5.6	234.
30.8	78.7	8588.3	350.0	-25.7	-28.7	169.2	2.9	-0.6	2.8	332.7	326.3	1.0	82.9	5.4	236.
32.8	82.3	9119.7	325.0	-30.5	-33.3	130.4	2.4	-1.8	1.6	334.7	327.2	0.7	76.1	5.4	239.
35.5	86.2	9693.6	300.0	-34.4	-38.8	20.0	3.3	-1.1	-3.1	336.8	328.5	0.4	64.4	5.7	241.
38.5	90.3	10285.4	275.0	-39.5	-43.9	352.5	3.5	0.5	-3.5	338.0	329.1	0.3	62.5	6.0	235.
42.0	95.4	10931.0	250.0	-44.7	99.9	251.3	5.2	0.8	-5.1	339.6	999.9	99.9	999.9	6.5	227.
44.6	100.2	11626.7	225.0	-50.3	99.9	317.2	6.9	5.0	-4.8	341.5	999.9	99.9	999.9	6.9	220.
47.6	105.4	12384.0	200.0	-56.5	99.9	237.5	8.8	8.5	-2.1	343.3	999.9	99.9	999.9	6.7	210.
51.1	111.0	13217.2	175.0	-63.4	99.9	272.7	14.7	14.6	-0.7	345.4	999.9	99.9	999.9	6.1	190.
55.8	117.3	14147.2	150.0	-69.9	99.9	291.6	9.8	9.6	-2.0	349.8	999.9	99.9	999.9	6.9	158.
61.4	124.3	15233.1	125.0	-76.0	99.9	342.7	7.4	2.2	-7.1	368.2	999.9	99.9	999.9	9.5	146.
69.0	131.7	16562.7	100.0	-70.4	99.9	999.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

1 JULY 1977  
300 GMT

120 95. 0

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	585.0	943.5	29.3	20.8	180.0	0.5	0.0	0.5	305.4	351.6	16.7	64.0	0.0	0.
99.9	99.9	59.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	12.4	772.1	925.0	30.3	20.3	99.9	99.9	99.9	99.9	310.3	325.6	16.5	55.2	599.9	999.9
1.5	14.6	1017.0	900.0	29.1	18.2	99.9	99.9	99.9	99.9	310.4	351.5	14.8	55.1	999.9	999.9
2.4	16.7	1267.1	975.0	26.3	16.8	173.9	10.6	-1.1	10.6	311.1	349.9	13.9	55.8	999.9	999.9
3.3	19.1	1523.6	850.0	24.6	16.1	120.9	9.5	0.2	9.5	311.9	350.1	13.7	59.0	2.0	348.
4.3	21.3	1787.6	825.0	21.5	14.3	181.3	7.7	0.2	7.7	311.3	346.3	12.5	63.5	2.5	348.
5.3	23.7	2050.7	800.0	19.5	13.9	180.5	6.7	0.1	6.7	311.9	347.2	12.6	70.1	2.9	350.
6.4	25.9	2323.4	775.0	16.9	13.7	189.7	5.5	0.9	5.5	312.0	348.0	12.9	81.6	3.3	352.
7.5	28.4	2602.9	750.0	14.1	12.8	183.5	4.2	0.3	4.2	311.9	347.1	12.5	91.8	3.7	353.
8.7	31.0	2889.0	725.0	13.1	5.4	3.6	1.0	-0.1	-1.0	313.9	336.4	7.8	99.1	3.8	354.
10.0	33.6	3182.7	700.0	11.0	2.3	6.6	3.8	-0.4	-3.9	314.6	323.7	6.5	95.2	3.5	353.
11.2	36.0	3465.1	675.0	9.4	-13.5	0.6	5.2	-0.1	-5.2	316.1	322.4	2.0	18.4	3.3	351.
12.4	38.7	3747.9	650.0	7.3	-15.6	1.4	6.4	-0.2	-6.4	317.2	322.8	1.7	17.7	2.8	350.
13.7	41.2	4118.3	625.0	5.5	-16.5	3.5	3.7	-0.2	-3.7	318.9	324.2	1.7	18.7	2.4	347.
14.9	44.0	4481.8	600.0	3.5	-16.1	73.9	1.5	-1.5	-0.4	320.2	326.1	1.8	22.0	2.3	347.
16.1	46.9	4795.6	575.0	0.7	-15.6	88.3	2.0	-2.0	-0.1	320.8	325.8	1.5	21.9	2.4	342.
17.6	49.9	5150.9	550.0	-1.9	-21.9	0.7	2.5	-0.2	-2.5	321.2	325.8	1.2	19.9	2.2	339.
18.1	52.5	5510.0	525.0	-4.5	-27.4	5.3	2.0	-0.2	-2.0	323.1	325.7	0.8	14.6	2.1	338.
20.6	55.5	5911.6	500.0	-6.7	-32.1	24.1	2.4	-1.2	-2.4	324.5	327.0	0.5	13.5	1.9	333.
22.2	58.6	6302.0	475.0	-9.2	-37.0	33.6	2.3	-1.4	-1.8	325.5	328.4	0.5	12.3	1.8	327.
23.9	61.8	6713.6	450.0	-12.7	-41.3	59.9	3.8	-3.2	-2.0	327.3	332.3	1.5	46.3	1.8	318.
25.7	65.2	7150.4	425.0	-14.8	-43.3	64.2	2.5	-2.4	-1.1	330.0	332.6	0.7	25.2	1.9	305.
27.5	68.6	7607.1	400.0	-17.9	-45.5	10.9	2.1	-0.4	-2.2	331.8	334.7	0.8	25.3	2.0	300.
29.4	71.9	8084.6	375.0	-21.3	-48.2	342.6	5.5	1.6	-5.2	333.4	337.6	1.2	64.4	1.7	287.
31.5	75.7	8591.1	350.0	-25.6	-48.2	312.0	5.2	3.7	-3.6	334.3	338.0	1.1	76.6	1.3	266.
33.3	79.7	9123.6	325.0	-29.8	-47.7	292.3	3.5	3.1	-1.7	337.0	339.7	0.5	30.1	1.0	202.
35.1	83.5	9687.3	300.0	-33.5	-45.1	341.6	6.8	2.1	-6.4	338.2	339.0	0.2	30.1	0.7	244.
36.1	87.3	10237.4	275.0	-37.0	-43.4	333.7	4.0	3.6	-3.8	338.8	339.9	0.3	62.2	1.7	182.
40.8	92.2	10843.3	250.0	-43.0	99.5	310.3	10.0	7.5	-6.4	340.8	339.9	99.9	99.9	2.7	163.
43.3	93.8	11444.7	225.0	-48.4	59.5	297.4	9.6	5.5	-4.4	341.7	339.9	99.9	99.9	4.2	148.
47.0	101.4	12492.2	200.0	-54.5	99.9	234.6	12.4	11.3	-5.2	346.0	339.9	99.9	99.9	6.1	136.
50.7	107.5	13208.5	175.0	-62.0	99.9	303.4	13.4	10.9	-7.7	347.6	339.9	99.9	99.9	8.8	132.
53.4	113.5	14185.6	150.0	-63.6	99.5	255.6	8.2	7.4	-3.5	350.2	339.9	99.9	99.9	10.9	130.
57.7	120.0	15264.1	125.0	-69.2	69.9	299.9	3.8	3.3	-1.9	369.7	339.9	99.9	99.9	12.3	128.
63.4	127.3	16491.8	100.0	-68.9	99.5	99.9	99.9	99.9	99.9	394.6	339.9	99.9	99.9	599.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
 BIG SPRING, TEXAS

 1 JULY 1977  
 300 GMT

102 150. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	781.0	923.4	29.4	19.1	150.0	3.3	-1.6	2.9	309.5	351.7	15.3	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	14.3	1010.0	900.0	28.0	15.4	999.9	99.9	99.9	99.9	310.3	344.8	12.4	46.4	999.9	999.
1.4	16.4	1259.8	875.0	26.9	14.9	999.9	99.9	99.9	99.9	311.6	346.2	12.1	48.3	999.9	999.
2.4	18.8	1515.2	850.0	24.4	14.4	181.3	9.6	0.2	9.6	311.7	346.2	12.3	53.8	1.7	357.
3.3	21.0	1775.9	825.0	21.9	12.8	193.8	10.5	0.7	10.5	311.8	343.8	11.4	56.1	2.2	358.
4.3	23.4	2047.0	800.0	20.0	11.9	191.6	3.6	0.7	3.5	312.4	343.6	11.0	59.7	2.7	359.
5.3	25.7	2316.5	775.0	17.8	11.9	211.5	1.7	0.9	1.4	313.0	345.3	11.4	68.6	2.8	0.
6.4	29.1	2596.2	750.0	14.5	9.8	243.0	1.0	0.9	0.5	312.3	341.3	10.2	73.6	2.9	2.
7.6	30.7	2883.2	725.0	13.4	7.8	287.2	0.9	0.9	-0.3	314.2	340.7	9.2	68.6	2.9	3.
8.6	33.3	3178.0	700.0	11.2	6.0	327.0	1.5	0.8	-1.3	314.9	339.2	8.4	70.1	2.8	4.
9.7	35.8	3481.2	675.0	9.2	4.5	344.0	0.9	0.2	-0.7	316.0	338.9	7.9	72.1	2.7	5.
10.9	38.4	3797.3	650.0	6.5	2.1	29.7	4.1	-2.0	-3.6	316.3	336.6	6.9	73.5	2.7	5.
12.0	41.0	4114.4	625.0	4.9	-4.9	21.3	8.5	-3.1	-7.9	313.0	330.9	4.3	49.5	2.2	359.
13.1	43.8	4446.4	600.0	2.9	-12.2	22.3	5.8	-2.2	-5.4	319.5	324.4	1.5	19.3	1.7	354.
14.4	46.7	4789.1	575.0	-0.1	-21.6	15.3	2.8	-0.7	-2.7	319.9	323.8	1.2	17.9	1.5	348.
15.6	49.6	5143.0	550.0	-3.1	-23.6	5.1	2.8	-0.2	-2.8	320.5	323.9	1.0	18.5	1.3	346.
17.0	52.4	5509.8	525.0	-4.9	-25.8	42.2	6.7	-4.5	-5.0	322.6	325.6	0.9	17.5	1.1	336.
18.5	55.4	5897.4	500.0	-5.9	-17.9	57.4	3.9	-3.2	-2.0	324.8	330.9	1.9	40.8	1.1	300.
20.0	58.5	6290.5	475.0	-10.2	-18.8	74.2	1.5	-1.4	-0.4	325.4	331.4	1.8	49.1	1.2	295.
21.3	61.8	6705.2	450.0	-12.4	-21.2	64.6	1.9	-1.7	-0.8	327.6	332.8	1.6	47.7	1.3	292.
22.7	65.1	7139.4	425.0	-15.3	-20.4	32.7	1.4	-0.8	-1.2	329.3	335.2	1.8	64.6	1.4	286.
24.3	68.4	7595.2	400.0	-18.5	99.9	8.9	1.2	-0.2	-1.2	330.9	999.9	99.9	999.9	1.4	281.
25.9	71.8	8073.9	375.0	-21.4	-29.6	1.2	1.2	-0.0	-1.2	333.3	336.3	0.9	47.6	1.4	276.
27.6	75.6	8579.4	350.0	-25.1*	99.9	345.0	3.4	0.8	-3.3	335.0	999.9	99.9	999.9	1.4	271.
29.4	79.5	9113.3	325.0	-29.1*	99.9	317.6	8.7	5.9	-6.4	336.5	999.9	99.9	999.9	1.3	234.
31.3	83.3	9690.6	300.0	-33.1	-45.0	273.0	7.9	7.9	-0.4	338.7	339.6	0.2	29.1	1.1	190.
33.0	87.3	10285.9	275.0	-38.1	-42.8	290.8	6.5	6.4	-1.2	340.1	341.3	0.3	60.8	1.1	150.
35.0	91.9	10974.5	250.0	-43.3	99.9	307.1	10.0	7.9	-5.0	341.7	999.9	99.9	999.9	2.1	140.
37.2	96.4	11675.1	225.0	-48.2	99.9	295.8	13.0	11.7	-5.7	344.7	999.9	99.9	999.9	3.5	132.
39.5	101.4	12400.4	200.0	-54.9	99.9	281.5	14.6	14.3	-2.9	345.8	999.9	99.9	999.9	5.3	124.
42.3	107.0	13240.5	175.0	-61.6	99.9	281.7	13.6	13.3	-2.8	348.3	999.9	99.9	999.9	7.7	115.
45.1	113.0	14182.6	150.0	-65.7	99.9	999.9	99.9	99.9	99.9	357.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEXAS

7 JULY 1977  
1500 GMT

122 91. 0

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH FCT	RANGE KM	AZ DG
0.0	13.5	973.0	914.7	28.3	16.2	170.0	5.2	-1.1	6.1	309.1	344.5	12.8	48.0	0.0	0.
59.9	99.0	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
1.0	15.3	1075.5	900.0	23.4	16.4	999.9	99.9	99.9	99.9	307.7	343.8	13.1	57.3	999.9	999.
2.2	17.6	1292.9	875.0	24.4	15.2	170.0	5.8	-0.9	5.7	302.1	342.8	12.6	60.4	0.8	357.
3.4	20.0	1535.9	850.0	22.8	12.7	140.5	5.7	-3.6	4.4	310.0	340.7	11.0	53.0	1.2	352.
4.7	22.5	1795.7	825.0	20.9	11.1	125.5	5.6	-4.3	3.5	310.7	339.3	10.1	53.3	1.6	342.
5.9	24.9	2041.3	800.0	19.1	9.7	115.3	5.9	-5.4	2.5	311.5	338.5	9.5	54.3	1.9	335.
6.8	27.4	2337.5	775.0	16.8	7.4	99.0	6.4	-6.3	1.0	311.9	336.9	8.4	53.9	2.2	328.
7.9	29.9	2612.3	750.0	14.8	5.3	66.0	7.2	-6.6	-2.9	312.6	335.0	7.8	54.9	2.4	318.
9.1	32.5	2929.6	725.0	13.2	1.3	52.9	7.5	-6.0	-4.5	314.0	331.1	5.8	44.0	2.5	305.
10.2	35.1	3199.7	700.0	11.2	-0.9	39.5	5.9	-4.5	-3.7	314.8	330.2	5.2	43.5	2.6	296.
11.4	37.7	3495.2	675.0	8.5	-2.1	25.7	7.5	-5.3	-5.2	315.2	329.8	4.9	47.0	2.9	286.
12.7	40.4	3806.1	650.0	6.0	-3.5	10.5	6.4	-4.9	-4.0	315.8	329.4	4.5	50.3	3.2	279.
14.0	43.2	4124.6	625.0	4.1	-4.9	56.8	5.7	-4.7	-3.1	317.1	326.3	3.7	44.6	3.5	273.
15.2	45.0	4457.2	600.0	1.7	-9.8	63.6	4.2	-3.8	-1.9	318.1	327.6	3.0	42.1	3.8	270.
15.4	45.9	4799.5	575.0	1.0	-18.7	64.4	3.2	-2.8	-1.4	321.2	326.2	1.5	21.3	4.1	269.
17.7	51.9	5155.3	550.0	-1.4	-21.4	24.2	4.2	-1.7	-3.9	322.5	326.6	1.2	19.9	4.2	266.
19.0	54.6	5527.5	525.0	-4.6	-23.5	39.3	5.1	-3.2	-3.9	322.9	326.5	1.1	21.2	4.4	262.
20.4	57.3	5906.4	500.0	-5.5	-19.2	60.5	6.8	-6.3	-2.5	325.1	330.6	1.7	35.7	4.8	259.
21.9	61.1	6305.3	475.0	-9.3	-23.2	75.1	6.5	-6.3	-1.6	326.5	330.6	1.2	31.2	5.5	259.
23.5	64.7	6721.3	450.0	-11.9	-29.1	70.0	7.9	-3.5	-1.3	328.4	331.1	0.8	22.0	6.0	259.
25.4	67.7	7157.0	425.0	-14.7	-27.5	45.7	3.0	-2.2	-2.1	330.6	333.9	0.9	31.7	6.3	257.
27.4	71.1	7617.9	400.0	-17.3	-24.2	27.5	3.1	-3.1	-0.1	331.9	336.5	1.3	56.6	6.6	256.
29.2	74.9	8097.7	375.0	-21.0	-29.5	93.4	4.9	-4.9	0.3	333.8	336.9	0.9	46.2	7.1	258.
31.0	78.5	8600.6	350.0	-24.4	-34.2	76.9	4.3	-4.2	-0.8	335.9	338.0	0.6	35.5	7.6	259.
32.9	82.5	9137.5	325.0	-27.8	-40.9	37.4	5.1	-3.1	-4.0	339.4	339.6	0.3	27.2	8.0	257.
34.9	86.5	9707.0	300.0	-32.6	-45.1	75.2	4.1	-3.9	-1.0	339.4	340.2	0.2	24.3	8.6	255.
37.2	90.3	10312.7	275.0	-38.1	-49.7	103.5	4.7	-4.6	0.9	340.0	340.6	0.1	28.6	9.0	256.
39.4	95.4	10957.0	250.0	-42.2	99.9	71.8	2.0	-1.9	-0.6	343.4	999.9	99.9	999.9	9.5	257.
41.5	100.2	11655.0	225.0	-48.4	99.9	58.0	1.9	-1.9	-0.0	344.3	999.9	99.9	999.9	9.9	257.
43.9	105.7	12471.9	200.0	-53.4	99.9	21.7	6.7	-6.5	-1.0	346.2	999.9	99.9	999.9	10.3	257.
46.8	110.8	13297.7	175.0	-58.3	99.9	129.3	14.4	-11.1	9.1	353.7	999.9	99.9	999.9	11.8	262.
50.1	117.0	14233.2	150.0	-64.7	99.9	142.7	17.1	-10.3	13.6	358.7	999.9	99.9	999.9	13.8	273.
54.0	123.7	15747.9	125.0	-64.7	99.9	150.7	11.6	-5.7	10.1	377.8	999.9	99.9	999.9	16.4	282.
59.1	131.0	16687.8	100.0	-56.7	99.9	272.9	3.7	-0.2	399.0	999.9	999.9	99.9	999.9	17.4	287.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

7 JULY 1977  
1500 GMT

118 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	771.0	929.6	28.3	5.6	220.0	3.7	2.4	2.8	303.3	326.0	6.2	23.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	12.9	814.9	925.0	27.9*	99.9	999.9	99.9	99.9	99.9	307.9	999.9	99.9	999.9	999.9	999.
0.8	15.2	1355.7	900.0	23.9	15.4	999.9	99.9	99.9	99.9	306.2	340.1	12.4	59.1	999.9	999.
1.3	17.3	1302.2	975.0	22.9	12.3	999.9	99.9	99.9	99.9	307.6	336.3	10.3	51.1	999.9	999.
2.9	19.6	1554.7	850.0	22.2	12.2	999.9	99.9	99.9	99.9	309.4	339.1	10.6	53.3	999.9	999.
4.1	21.8	1814.0	925.0	20.2	11.0	114.6	4.0	-3.6	1.7	310.0	338.2	10.1	55.4	1.2	20.
5.2	24.2	2075.6	800.0	17.4	9.2	103.9	2.6	-2.5	0.6	309.8	335.8	9.2	58.8	1.1	9.
6.4	26.5	2349.3	775.0	15.2	8.2	133.9	3.2	-2.3	2.2	310.1	335.3	8.9	63.3	1.2	2.
7.6	29.0	2625.4	750.0	13.3	3.2	84.7	9.8	-9.5	-0.9	311.1	329.7	6.5	65.0	1.4	343.
8.7	31.6	2911.4	725.0	11.4	3.4	62.7	6.4	-6.9	-2.3	312.0	331.5	6.8	68.0	1.5	325.
9.9	34.2	3207.7	700.0	9.7	1.3	48.6	5.6	-4.2	-3.7	313.2	330.8	6.0	69.7	1.6	308.
11.2	36.7	3504.4	675.0	6.7	-0.0	34.1	4.6	-2.9	-3.6	313.1	329.8	5.7	62.2	1.6	296.
12.4	39.3	3813.7	650.0	4.7	-4.5	34.1	5.0	-3.1	-3.9	314.3	327.1	4.3	51.8	1.7	284.
13.6	41.9	4132.5	625.0	2.3	-10.0	35.1	4.6	-2.6	-3.8	315.7	324.5	2.9	38.3	1.9	273.
15.1	44.8	4461.4	600.0	-0.1	-11.5	44.5	2.4	-1.7	-1.7	316.0	324.2	2.6	41.9	2.1	267.
16.5	47.6	4800.8	575.0	-2.3	-15.1	54.2	3.7	-3.1	-1.9	317.3	323.8	2.0	36.5	2.3	264.
18.2	50.5	5157.7	550.0	-2.6	-17.4	75.9	3.5	-2.0	-2.8	321.0	326.8	1.8	30.8	2.6	259.
19.7	53.4	5521.3	525.0	-4.7	-20.2	53.7	1.4	-1.1	-0.8	322.8	327.6	1.5	28.4	2.9	255.
21.1	56.4	5903.8	500.0	-6.7	-24.1	93.2	2.7	-2.7	0.2	324.9	328.5	1.1	23.5	3.0	257.
22.6	59.5	6302.5	475.0	-8.4	-23.7	8.7	0.3	-0.1	-0.8	326.4	330.4	1.2	29.9	3.1	257.
24.2	62.9	6719.1	450.0	-12.1	-29.4	256.4	0.5	0.5	0.0	328.0	330.6	0.8	24.4	3.1	255.
25.1	66.0	7152.4	425.0	-15.3	-30.3	131.3	2.6	-2.0	1.7	329.4	331.9	0.7	26.3	3.1	258.
28.0	69.6	7607.3	400.0	-19.1	-29.8	132.9	3.3	-2.4	2.3	330.2	333.0	0.8	38.1	3.3	262.
30.0	73.0	8084.9	375.0	-22.1	-37.8	123.7	5.1	-4.2	2.8	332.4	334.7	0.5	36.9	3.7	268.
31.8	76.8	8588.9	350.0	-25.9	-36.1	136.7	5.7	-3.9	4.1	333.8	335.6	0.5	37.7	4.2	273.
34.0	80.6	9122.5	325.0	-29.3	-41.0	61.7	2.0	-1.3	-0.9	335.4	337.6	0.3	30.9	4.5	277.
35.5	84.9	9689.1	300.0	-33.8	-46.2	107.6	2.5	-2.4	0.8	337.7	338.5	0.2	27.3	4.8	275.
38.8	89.0	10291.8	275.0	-39.1	-50.8	116.2	2.9	-2.5	1.2	338.6	339.1	0.1	27.4	5.2	276.
41.1	93.6	10879.9	250.0	-43.5	99.9	156.0	2.9	-1.1	2.6	341.5	999.9	99.9	999.9	5.4	279.
43.3	98.1	11475.9	225.0	-47.8	99.9	82.1	2.3	-2.3	-0.3	343.5	999.9	99.9	999.9	5.7	281.
45.8	103.5	12086.2	200.0	-53.1	99.9	124.0	6.0	-5.0	3.3	348.7	999.9	99.9	999.9	6.5	279.
50.1	109.3	13255.2	175.0	-55.9	99.9	147.0	13.5	-7.3	11.2	352.8	999.9	99.9	999.9	8.0	291.
53.8	115.7	14307.6	150.0	-55.6	99.9	166.1	12.7	-3.0	12.3	357.0	999.9	99.9	999.9	10.7	302.
57.9	122.0	15301.9	125.0	-69.2	99.9	171.7	10.3	-7.7	6.9	369.6	999.9	99.9	999.9	12.6	310.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
 ROBERT LEE, TEXAS  
 7 JULY 1977  
 1455 GMT

107 94. 0

TIME MIN	CVTCT	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.2	825.0	949.2	27.4	21.2	190.0	1.1	3.0	1.1	305.2	350.9	17.0	69.0	0.0	0.
99.9	99.9	809.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	959.9	999.9	999.9
99.9	99.9	809.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	10.9	803.1	925.0	24.5	99.9	99.9	99.9	99.9	99.9	305.3	959.9	99.9	999.9	999.9	999.9
1.6	12.8	1042.8	900.0	22.4	14.2	999.9	99.9	99.9	99.9	305.6	335.7	11.4	59.8	999.9	999.9
2.5	14.9	1287.6	875.0	21.8	12.7	218.1	6.9	4.3	5.5	305.4	335.9	10.7	56.5	0.7	17.
3.6	15.7	1539.6	850.0	20.9	11.0	194.1	3.4	0.9	3.2	305.0	335.3	9.8	53.3	0.9	21.
4.7	18.7	1737.4	825.0	19.3	9.6	155.0	3.6	-1.5	3.2	305.0	334.7	9.1	53.4	1.1	17.
5.9	20.7	2061.2	800.0	17.7	9.3	129.7	4.9	-2.5	4.2	302.0	333.4	8.7	57.7	1.4	7.
7.0	22.9	2371.1	775.0	15.0	7.2	117.6	4.8	-4.3	2.2	310.0	332.4	8.3	55.5	1.6	358.
8.1	25.0	2608.1	750.0	13.1	5.1	115.4	4.7	-4.3	2.0	315.8	332.0	7.4	58.0	1.7	348.
9.1	27.1	2862.3	725.0	10.9	3.0	124.5	5.2	-4.5	3.0	311.4	330.4	6.6	54.7	2.0	342.
10.5	29.4	3194.1	700.0	8.7	0.0	105.6	4.8	-4.5	1.3	312.1	326.2	5.5	54.7	2.3	325.
11.7	31.5	3451.4	675.0	7.4	-5.0	85.8	4.5	-4.5	-0.3	314.0	325.7	3.9	40.8	2.5	328.
13.1	33.9	3787.2	650.0	5.1	-8.6	79.7	5.5	-5.4	-1.0	314.7	326.4	3.9	45.7	2.7	320.
14.5	36.1	4112.5	625.0	3.5	-6.3	61.5	4.5	-4.6	-0.7	315.5	326.2	3.8	48.7	2.9	313.
15.9	38.6	4443.1	600.0	2.1	-6.8	75.5	3.5	-3.4	-0.9	318.6	328.0	3.0	40.8	3.1	307.
17.2	41.0	4786.2	575.0	1.1	-14.4	44.5	3.1	-2.2	-2.2	321.3	322.3	2.2	30.3	3.2	354.
19.6	43.6	5142.2	550.0	-0.6	-17.8	43.1	2.2	-1.7	-1.5	321.3	326.9	1.7	28.8	3.2	299.
20.3	46.1	5512.7	525.0	-2.2	-19.9	99.7	2.1	-2.0	0.3	324.6	329.6	1.5	26.1	3.4	297.
21.7	48.9	5895.9	500.0	-3.9	-21.7	109.4	1.0	-0.9	0.3	325.9	330.4	1.3	27.4	3.5	296.
23.4	51.6	6297.4	475.0	-7.9	-27.2	101.5	1.9	-1.9	0.4	328.2	331.2	0.9	19.5	3.7	296.
25.2	54.5	6715.5	450.0	-10.3	-29.3	101.5	2.9	-2.3	0.6	329.7	332.3	0.8	20.2	3.9	295.
27.0	57.1	7151.9	425.0	-14.1	-30.8	122.5	2.9	-2.5	1.6	330.3	333.4	0.7	23.7	4.2	295.
29.7	60.2	7609.6	400.0	-17.4	-32.3	114.9	4.7	-4.3	2.0	332.4	334.4	0.5	22.2	4.6	295.
30.3	63.5	8090.3	375.0	-20.5	-30.7	104.0	5.5	-6.4	1.6	334.5	335.7	0.3	15.8	5.2	295.
32.1	65.7	8595.4	350.0	-24.6	-40.3	90.7	6.6	-6.5	0.0	335.6	336.6	0.3	17.4	5.8	290.
34.2	70.3	9171.4	325.0	-29.0	-45.2	91.4	5.6	-5.6	0.4	336.7	337.5	0.2	15.0	6.6	290.
35.4	73.8	9700.1	300.0	-32.6	-47.4	105.3	4.2	-6.5	2.1	339.5	340.2	0.2	21.0	7.3	289.
36.7	77.6	10277.7	275.0	-37.2	-51.8	107.2	9.5	-8.1	2.5	341.4	341.8	0.1	15.9	8.4	289.
43.7	95.9	10959.0	250.0	-42.0	99.9	102.2	7.9	-7.7	1.7	343.7	999.9	95.9	999.9	9.5	288.
45.7	99.5	11645.5	225.0	-46.0	99.9	127.2	12.7	-10.1	7.7	349.0	999.9	99.9	999.9	11.0	290.
47.7	99.5	12440.0	200.0	-51.0	99.9	99.9	9.7	-2.4	9.4	352.0	999.9	95.9	999.9	13.0	294.
49.5	95.4	13203.0	175.0	-57.3	95.5	134.6	9.3	-6.3	6.2	355.4	999.9	99.9	999.9	13.8	298.
52.7	100.9	14057.7	150.0	-64.1	99.9	133.3	10.2	-6.8	7.6	359.6	999.9	95.9	999.9	15.8	300.
56.7	105.8	14955.8	125.0	-69.5	99.9	120.1	12.7	-11.0	6.3	369.2	999.9	99.9	999.9	18.0	302.
61.3	113.7	15808.5	100.0	-64.5	99.9	99.9	99.9	99.9	99.9	403.2	999.9	99.9	999.9	999.9	999.9
66.9	99.0	63.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

7 JULY 1977  
1500 GMT

118 98. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DS	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	791.0	926.3	26.5	19.4	220.0	5.6	3.6	4.3	306.3	348.4	15.5	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	11.7	793.4	925.0	26.4	18.6	999.9	99.9	99.9	99.9	306.3	346.6	14.8	62.4	999.9	999.9
0.6	13.8	1075.0	900.0	24.6	15.4	999.9	99.9	99.9	99.9	306.8	340.9	12.4	56.2	999.9	999.9
1.6	15.8	1242.2	975.0	24.0	11.9	999.9	99.9	99.9	99.9	308.7	336.9	10.1	46.7	999.9	999.9
2.4	19.0	1575.5	850.0	23.0	12.0	166.2	3.9	-0.9	3.8	310.3	339.6	10.4	49.2	0.9	24.
3.2	20.2	1795.2	825.0	20.6	11.2	143.4	4.3	-2.3	3.7	310.4	339.1	10.2	54.6	1.1	17.
4.1	22.3	2060.6	800.0	18.7	9.4	114.9	5.6	-5.1	2.4	310.7	337.1	9.3	55.9	1.2	6.
5.0	24.6	2332.4	775.0	16.7	7.0	103.2	5.6	-5.5	1.3	311.8	335.1	8.2	52.8	1.3	352.
5.9	26.8	2611.2	750.0	14.9	5.9	95.2	4.7	-4.7	0.4	312.8	335.2	7.8	54.6	1.4	342.
7.0	29.2	2897.2	725.0	13.3	4.6	83.6	6.1	-6.1	-0.7	314.1	335.5	7.4	55.5	1.6	331.
7.8	31.6	3192.1	700.0	11.0	-3.1	70.6	6.6	-6.2	-2.2	314.7	327.7	4.3	36.9	1.7	319.
8.8	34.2	3497.9	675.0	9.0	-3.4	72.9	5.4	-5.1	-1.7	314.6	327.8	4.4	44.2	1.9	309.
9.8	36.6	3804.4	650.0	6.0	-3.3	70.9	4.6	-4.3	-1.5	315.8	329.7	4.6	51.2	2.0	302.
10.9	39.2	4124.9	625.0	4.2	-7.4	60.1	5.5	-4.8	-3.7	317.3	328.1	3.6	42.5	2.2	295.
11.9	41.8	4455.4	600.0	1.6	-9.6	56.2	4.8	-4.0	-2.7	318.0	327.6	3.1	43.0	2.4	289.
13.1	44.6	4794.3	575.0	1.4	-24.8	48.4	4.2	-3.1	-2.8	321.7	324.7	0.9	12.0	2.6	283.
14.2	47.4	5154.7	550.0	-0.5	-27.9	24.7	5.1	-2.1	-4.6	323.6	326.0	0.7	10.4	2.8	277.
15.2	50.4	5534.9	525.0	-2.8	-21.5	30.1	4.1	-2.1	-3.5	325.0	329.4	1.3	22.1	2.8	270.
16.5	53.3	5939.2	500.0	-5.3	-24.2	61.0	4.3	-3.8	-2.1	326.0	329.7	1.1	21.8	3.1	267.
17.7	56.1	6328.7	475.0	-3.5	-29.4	90.0	4.2	-4.2	0.0	327.5	329.9	0.7	16.6	3.4	266.
19.0	59.5	6725.0	450.0	-12.6	-21.2	113.3	3.7	-3.2	1.7	327.4	332.7	1.6	48.3	3.7	267.
20.4	62.9	7159.9	425.0	-13.8	-28.8	117.4	4.5	-4.0	2.1	331.3	334.2	0.8	25.7	3.9	271.
21.8	66.1	7617.9	400.0	-16.6	-35.7	114.2	6.8	-6.2	2.8	333.4	335.0	0.4	17.3	4.4	273.
23.2	69.9	8100.3	375.0	-19.4	-39.6	103.7	5.1	-4.9	1.2	335.9	337.1	0.3	14.8	4.9	275.
24.7	73.4	8609.8	350.0	-23.1	-41.5	27.6	1.8	-0.8	-1.6	337.7	338.8	0.3	16.6	5.1	274.
26.3	77.5	9147.2	325.0	-22.0	-34.5	31.1	2.3	-1.2	-2.0	339.0	338.9	0.2	18.9	5.2	272.
28.0	81.3	9717.3	300.0	-32.4	-48.6	76.9	5.1	-4.9	-1.1	339.7	340.3	0.1	18.1	5.5	269.
29.5	85.7	10325.7	275.0	-36.8	-51.1	135.4	4.3	-3.0	3.1	341.9	342.4	0.1	20.8	6.0	271.
31.9	90.4	10978.3	250.0	-42.2	-60.9	126.9	6.2	-4.9	3.7	343.4	999.9	99.9	999.9	6.5	275.
34.9	95.3	11687.1	225.0	-46.9	-69.9	114.0	4.9	-4.5	2.0	345.6	999.9	99.9	999.9	7.0	278.
36.2	100.4	12454.5	200.0	-51.1	-96.9	116.4	10.1	-9.1	4.5	351.9	999.9	99.9	999.9	8.1	278.
39.7	106.3	13313.3	175.0	-56.7	-99.9	154.7	11.5	-4.9	10.4	353.3	999.9	99.9	999.9	9.2	286.
41.2	112.5	14279.6	150.0	-62.7	-99.9	146.0	16.2	-9.0	13.4	362.1	999.9	99.9	999.9	11.1	292.
44.6	119.5	15395.7	125.0	-62.8	-99.9	128.1	13.7	-10.8	8.4	321.4	999.9	99.9	999.9	13.6	298.
48.6	127.3	16751.8	100.0	-67.7	-99.9	999.9	99.9	99.9	99.9	396.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

7 JULY 1977  
1750 GMT

120 99. 0

TIME MIN	CONTCT	HEIGHT GPH	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	973.0	916.4	33.9	13.9	140.0	7.2	-4.6	5.5	314.6	346.2	11.0	30.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
1.5	15.5	1074.6	900.0	29.7	99.9	157.8	8.0	-3.5	7.2	312.1	999.9	99.9	999.9	0.3	341.
1.2	17.9	1295.3	875.0	27.2	15.2	133.2	11.7	-8.6	8.0	312.0	347.2	12.5	47.8	0.6	332.
2.2	20.3	1511.2	850.0	24.9	13.5	125.6	4.0	-3.1	2.5	312.3	345.8	11.9	50.4	1.2	319.
3.3	22.8	1803.3	825.0	21.9	12.0	103.9	3.1	-3.0	0.7	311.9	342.2	10.8	53.2	1.3	317.
4.2	25.3	2053.9	800.0	19.5	10.3	121.1	4.1	-3.1	2.7	312.0	340.0	9.9	55.1	1.5	314.
5.1	27.7	2341.6	775.0	17.2	9.0	151.9	1.3	-0.6	1.2	312.3	338.9	9.3	58.3	1.6	315.
6.1	30.3	2619.3	750.0	14.5	6.0	127.3	7.2	-6.0	4.0	312.3	334.9	7.9	56.6	2.0	314.
7.2	72.8	2904.9	725.0	12.2	0.6	85.5	4.7	-4.7	-0.4	312.8	329.2	5.6	45.2	2.2	310.
8.2	75.5	3189.9	700.0	11.1	0.5	61.4	6.2	-5.5	-3.0	314.8	331.6	5.7	47.8	2.4	303.
9.2	39.1	3501.6	675.0	9.1	-3.7	57.9	6.8	-5.8	-3.6	315.9	328.9	4.3	39.9	2.6	295.
10.4	40.9	3917.5	650.0	7.6	-5.3	57.3	5.9	-4.9	-3.2	317.6	329.7	4.0	39.3	2.9	287.
11.7	47.7	4175.3	625.0	4.7	-6.3	40.8	4.3	-2.3	-3.3	317.8	329.2	3.7	43.1	3.1	282.
12.9	46.6	4466.5	600.0	1.8	-9.1	25.4	4.0	-2.0	-3.5	318.2	328.1	3.2	44.3	3.2	276.
14.1	49.4	4809.6	575.0	0.1	-17.5	51.3	3.3	-2.6	-2.1	320.1	325.6	1.7	25.2	3.3	272.
15.3	52.4	5167.6	550.0	-1.7	-20.4	59.7	3.6	-3.1	-1.8	322.1	326.6	1.4	22.2	3.6	270.
15.9	55.5	5573.4	525.0	-3.4	-21.6	49.9	4.7	-3.5	-3.0	324.3	328.5	1.3	22.4	3.9	267.
18.4	58.6	5916.9	500.0	-5.5	-23.1	66.9	4.4	-4.1	-1.7	326.4	330.4	1.2	23.4	4.3	264.
19.9	61.7	6217.8	475.0	-7.4	-21.4	45.8	2.1	-1.5	-1.4	328.9	333.8	1.5	31.5	4.6	263.
21.7	65.1	6735.8	450.0	-10.3	-21.5	43.3	1.6	-1.1	-1.1	330.1	335.2	1.5	39.7	4.6	261.
23.2	69.6	7174.7	425.0	-13.5	-21.9	57.6	3.0	-2.5	-1.6	331.6	336.9	1.5	49.1	4.5	260.
25.0	72.0	7673.4	400.0	-17.1	-25.8	89.6	1.8	-1.8	-0.0	332.8	335.6	0.8	32.0	5.2	259.
26.9	75.7	9113.6	375.0	-20.6	-33.8	118.1	4.5	-3.9	2.1	334.4	336.5	0.6	29.3	5.4	261.
28.8	79.5	9620.4	350.0	-24.4	-35.7	114.7	5.6	-5.1	2.3	335.9	337.8	0.5	34.0	5.9	265.
30.8	83.5	9154.3	325.0	-28.5	-39.9	92.2	4.9	-4.9	0.2	337.4	338.8	0.4	32.1	6.5	267.
32.8	87.7	9725.8	300.0	-32.6	-45.5	24.5	5.4	-5.4	-0.5	339.5	340.3	0.2	26.0	7.2	266.
35.0	91.9	10332.2	275.0	-37.3	-48.0	109.5	5.1	-4.9	1.7	341.3	342.0	0.2	31.2	7.9	267.
37.7	96.4	10987.7	250.0	-42.1	99.9	70.2	3.4	-3.2	-1.2	343.5	999.9	99.9	999.9	8.5	269.
40.3	101.2	11689.4	225.0	-47.4	99.9	54.7	6.3	-5.1	-3.6	345.9	999.9	99.9	999.9	9.1	265.
43.1	106.4	12457.7	200.0	-52.4	99.9	101.7	9.1	-7.9	1.6	349.6	999.9	99.9	999.9	10.5	264.
46.3	112.0	13313.2	175.0	-56.5	99.9	145.1	12.7	-7.3	10.4	355.7	999.9	99.9	999.9	11.6	271.
50.1	118.3	14277.2	150.0	-63.5	99.9	162.4	12.7	-2.5	12.5	360.7	999.9	99.9	999.9	13.4	283.
53.9	124.8	15342.4	125.0	-67.2	99.9	130.3	12.9	-9.8	8.3	373.3	999.9	99.9	999.9	15.4	290.
58.7	132.5	16717.1	100.0	-69.3	99.9	999.9	99.9	99.9	99.9	393.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

7 JULY 1977

128 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM W-D-LE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GDM	PRES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U M/SEC	V M/SEC	E POT T DG K	POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	771.0	925.5	33.6	19.2	160.0	1.6	-0.5	1.5	356.9	313.6	15.4	43.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9
0.0	13.5	775.9	925.0	33.5*	99.9	999.9	99.9	99.9	99.9	999.9	313.6	99.9	995.9	999.9	999.9
1.0	15.6	1020.9	600.0	29.9	95.5	609.9	99.9	99.9	99.9	999.9	312.4	99.9	999.9	999.9	999.9
2.8	19.5	1271.3	875.0	27.0	14.0	172.9	5.0	-0.6	5.0	344.5	311.8	11.6	44.9	0.8	355.
5.4	20.9	1524.6	850.0	24.5	13.6	139.9	4.0	-2.6	3.1	341.9	311.9	11.6	50.4	1.5	348.
7.1	23.7	1737.0	825.0	20.8	11.4	161.0	4.9	-1.6	4.6	339.6	310.6	10.3	54.8	2.0	345.
9.4	26.1	2052.3	800.0	19.0	11.0	151.0	6.1	-2.9	5.3	340.8	311.4	10.4	60.1	2.7	343.
11.1	28.9	2327.7	775.0	15.8	6.5	151.0	6.6	-3.2	5.8	335.5	310.8	9.1	61.9	3.4	340.
12.3	31.4	2407.0	750.0	14.0	7.0	125.9	4.1	-2.9	3.0	335.9	311.8	8.4	62.9	3.7	339.
13.3	34.7	2887.1	725.0	11.9	4.1	71.6	2.4	-2.5	-0.5	323.1	312.5	7.1	58.4	3.9	337.
14.2	37.4	3140.8	700.0	10.3	-5.3	37.9	4.4	-2.7	-3.5	325.6	315.4	3.7	32.0	3.8	324.
15.2	40.3	3485.4	675.0	9.7	-4.9	27.3	5.7	-2.6	-5.0	327.4	315.4	4.0	37.9	3.7	330.
16.3	43.1	3767.7	650.0	8.9	-4.1	19.9	5.3	-2.2	-5.9	330.8	315.6	5.1	56.9	3.4	324.
17.6	46.3	4112.6	625.0	2.7	-12.3	13.6	4.8	-1.1	-4.7	322.9	315.5	2.4	32.1	3.2	318.
19.2	49.4	4410.4	600.0	1.7	-16.7	11.9	5.9	-1.2	-5.7	323.6	318.1	1.7	24.1	2.9	311.
20.5	52.4	4765.2	575.0	1.4	-21.8	9.2	7.7	-1.2	-7.5	325.5	321.6	1.2	15.8	2.7	300.
21.9	55.6	5141.2	550.0	-1.2	-22.9	0.8	6.9	-0.1	-6.9	326.3	322.6	1.1	17.3	2.5	287.
23.4	58.9	5510.3	525.0	-3.4	-24.6	14.3	4.8	-1.2	-4.5	327.5	324.1	1.0	17.7	2.4	275.
25.1	62.2	5894.7	500.0	-5.7	-25.6	65.0	1.6	-1.5	-0.7	329.3	326.1	0.9	19.1	2.6	268.
26.6	65.6	6294.5	475.0	-8.5	-26.5	5.5	1.3	-0.1	-1.3	330.5	327.4	0.9	21.1	2.6	268.
28.4	68.1	6711.4	450.0	-11.6	-26.5	25.7	1.4	-0.6	-1.3	331.9	329.7	0.9	26.7	2.6	264.
29.9	72.7	7145.0	425.0	-14.9	-32.1	146.9	1.4	-0.9	1.2	329.9	329.9	0.6	21.2	2.9	264.
31.8	76.5	7407.7	400.0	-18.2	-33.0	121.9	2.9	-2.4	1.6	333.5	331.3	0.6	26.2	2.8	267.
33.9	80.4	8081.9	375.0	-21.2	-32.8	139.4	6.0	-3.9	4.6	335.8	333.5	0.6	34.5	3.3	274.
35.8	84.4	8587.3	350.0	-25.0	-37.0	137.7	5.1	-2.7	3.5	336.8	335.5	0.4	31.4	3.9	282.
37.8	88.5	9123.4	325.0	-27.4	-43.7	111.9	2.2	-2.0	0.3	339.3	338.3	0.2	20.1	4.2	284.
40.1	93.0	9657.2	300.0	-32.4	-48.2	134.4	3.3	-2.3	2.3	340.3	339.7	0.2	18.9	4.5	286.
42.5	97.6	10201.7	275.0	-37.2	-50.0	133.6	5.1	-2.3	4.6	341.9	341.9	0.1	24.7	5.0	291.
45.1	102.3	10854.2	250.0	-41.9	99.5	130.9	4.0	-3.0	2.6	343.7	343.7	99.9	999.9	5.6	295.
47.9	107.6	11627.6	225.0	-47.4	99.9	141.6	7.2	-4.5	5.7	345.9	345.9	99.9	999.9	6.6	297.
50.8	113.0	12425.9	200.0	-53.0	99.9	143.4	6.0	-1.6	5.7	348.9	348.9	99.9	999.9	7.6	303.
53.9	118.8	13270.5	175.0	-57.2	99.9	143.4	8.3	-5.0	6.7	355.6	355.6	99.9	999.9	8.3	307.
57.5	125.5	14277.0	150.0	-64.3	99.9	161.7	8.7	-2.7	8.3	359.4	359.4	99.9	999.9	10.2	315.
61.8	132.7	15277.9	125.0	-67.5	99.9	137.4	9.8	-7.2	6.6	369.9	372.8	99.9	999.9	12.3	318.
66.5	140.0	16650.0	100.0	-60.3	99.5	99.9	99.9	99.9	99.9	999.9	392.8	99.9	995.9	999.9	999.9
99.9	99.9	99.9	75.0	55.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

7 JULY 1977  
1759 GMT

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TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEK PT DG C	DIZ DS	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	545.0	547.5	32.0	18.9	180.0	1.6	0.0	1.6	309.9	350.6	14.7	46.0	0.0	0.
0.9	99.9	64.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	12.0	909.2	925.0	29.7	12.1	999.9	99.9	99.9	99.9	309.7	336.9	9.7	33.8	999.9	999.9
1.4	14.3	1047.5	900.0	26.9	11.4	999.9	99.9	99.9	99.9	309.3	335.9	9.5	38.0	999.9	999.9
2.1	16.4	1261.5	875.0	24.6	11.2	999.9	99.9	99.9	99.9	309.3	336.4	9.6	43.2	999.9	999.9
2.8	18.6	1584.9	850.0	22.3	10.8	163.0	3.7	-1.1	3.5	309.5	336.6	9.6	48.0	0.4	354.
3.7	20.8	1507.5	825.0	20.0	9.6	147.2	4.6	-1.0	4.5	309.8	335.7	9.2	51.2	0.7	751.
4.7	23.2	2047.9	800.0	17.6	8.7	169.2	4.6	-0.9	4.5	310.0	335.1	8.9	55.9	0.9	350.
5.8	25.5	2178.5	775.0	15.1	6.7	151.7	4.3	-2.0	3.8	310.0	332.8	8.0	57.3	1.2	348.
6.9	27.9	2615.5	750.0	13.3	4.4	153.3	4.5	-2.0	4.0	311.1	331.2	7.0	54.6	1.5	345.
7.8	30.3	2900.2	725.0	11.8	3.2	141.9	3.7	-2.3	2.9	312.4	330.6	6.2	51.9	1.7	343.
9.0	32.6	3167.3	700.0	10.2	-2.6	133.0	3.3	-1.7	1.5	313.8	327.4	4.6	40.8	1.9	340.
10.2	35.2	3474.9	675.0	8.2	-4.1	139.0	3.2	-2.1	2.4	314.2	327.1	4.1	40.6	2.1	338.
11.5	37.7	3805.7	650.0	5.6	-5.7	110.6	3.5	-3.4	1.3	315.3	327.0	3.9	44.2	2.3	335.
13.1	40.3	4125.7	625.0	4.2	-9.5	66.8	3.4	-3.2	-1.4	317.3	326.6	3.0	36.1	2.5	328.
14.4	42.9	4456.5	600.0	2.6	-11.9	62.6	3.5	-3.1	-1.6	319.2	327.2	2.6	33.3	2.5	321.
15.6	45.5	4760.4	575.0	0.5	-17.3	47.7	3.6	-3.2	-1.8	320.6	327.8	2.3	33.0	2.6	316.
16.9	48.1	5154.5	550.0	-1.7	-21.0	35.9	3.4	-1.9	-1.8	322.1	327.9	1.8	29.2	2.6	310.
18.9	51.1	5529.9	525.0	-2.8	-23.2	80.2	3.4	-2.4	-0.4	325.7	331.1	1.3	23.1	2.6	306.
20.4	54.1	5909.1	500.0	-5.2	-28.5	103.9	3.0	-2.9	0.7	328.7	352.9	1.2	26.8	2.9	300.
21.9	57.0	6299.9	475.0	-7.5	-33.9	100.7	3.6	-3.5	0.6	330.0	333.3	1.0	25.2	3.2	299.
25.1	63.3	7155.9	425.0	-13.2	-43.4	100.9	3.9	-3.9	0.7	331.1	334.1	0.9	26.1	3.5	296.
27.2	66.4	7624.3	400.0	-16.2	-49.0	117.9	6.5	-5.7	3.0	331.8	336.1	0.7	24.5	4.1	296.
29.5	69.9	8104.7	375.0	-20.0	-57.7	105.5	7.7	-7.5	2.1	335.2	336.7	0.4	18.7	5.2	295.
31.7	73.3	8614.5	350.0	-23.9	-63.7	100.2	6.7	-6.6	1.2	336.5	338.0	0.4	24.1	6.2	293.
33.9	76.8	9151.4	325.0	-29.0	-72.4	105.5	4.6	-4.4	1.2	339.7	340.5	0.3	24.8	7.4	292.
35.0	80.6	9721.1	300.0	-35.4	-85.7	117.8	4.5	-4.0	2.1	339.7	340.5	0.2	24.8	7.4	292.
38.3	84.7	10328.4	275.0	-43.4	-101.0	107.8	5.8	-6.5	2.1	341.1	341.6	0.1	22.2	8.2	292.
40.8	89.7	10929.3	250.0	-51.6	-116.9	131.7	10.2	-7.7	6.9	344.2	999.9	99.9	999.9	9.5	293.
43.5	93.0	11545.5	225.0	-62.2	-144.9	150.1	8.3	-4.2	7.3	346.1	999.9	99.9	999.9	11.0	297.
45.3	97.5	12157.0	200.0	-75.3	-180.9	150.7	6.4	-3.1	5.6	350.0	999.9	99.9	999.9	11.9	301.
49.2	102.4	13708.5	175.0	-97.9	-230.9	132.1	11.6	-6.6	7.7	354.4	999.9	99.9	999.9	13.3	303.
52.7	107.6	14266.3	150.0	-131.6	-295.4	121.2	11.1	-9.5	5.8	360.6	999.9	99.9	999.9	16.0	303.
56.6	113.3	15775.3	125.0	-165.7	-380.5	135.2	13.6	-10.4	8.8	376.0	999.9	99.9	999.9	18.6	303.
60.9	119.3	16719.3	100.0	-209.5	-499.9	99.9	99.9	99.9	99.9	393.6	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

7 JULY 1977  
1800 GMT

122 97. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM #POLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	791.0	925.9	32.5	19.3	190.0	2.6	0.0	2.6	312.5	352.9	14.5	43.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.2	795.8	925.0	32.2	17.8	999.9	99.9	99.9	99.9	312.3	351.7	14.1	42.5	999.9	999.9
0.6	15.5	1037.2	503.0	27.5	13.4	999.9	99.9	99.9	99.9	305.9	340.1	10.8	41.8	999.9	999.9
1.2	17.8	1281.8	875.0	25.4	12.3	999.9	99.9	99.9	99.9	310.2	341.1	11.0	53.5	999.9	999.9
2.0	20.2	1535.1	650.0	22.7	12.9	157.4	4.1	-1.6	3.8	310.0	340.8	11.0	53.5	0.7	350.
3.5	22.6	1795.4	825.0	20.0	12.2	171.4	3.6	-3.5	3.6	309.9	340.3	10.9	60.7	1.1	348.
5.0	25.1	2050.1	800.0	17.3	11.2	169.3	4.7	-0.8	4.6	310.1	339.7	10.5	65.3	1.4	349.
6.0	27.5	2311.2	775.0	15.0	10.5	167.8	4.6	-1.7	4.3	309.9	339.1	10.4	74.7	1.7	349.
7.2	30.1	2592.7	750.0	12.8	10.0	147.3	4.5	-2.7	3.6	310.4	339.6	10.4	83.5	2.0	346.
9.3	32.8	2911.4	725.0	10.9	7.0	121.4	3.7	-3.2	1.9	311.5	336.3	8.7	76.5	2.3	342.
9.4	35.4	3185.3	700.0	10.3	-0.7	85.8	5.1	-0.4	-0.4	313.9	329.5	5.3	46.6	2.4	337.
10.4	38.0	3487.9	675.0	8.5	-4.1	75.9	5.6	-5.4	-1.4	315.2	327.8	4.2	40.7	2.5	328.
11.6	40.7	3793.9	650.0	5.9	-6.4	85.3	4.5	-4.5	-0.4	315.5	326.7	3.6	40.8	2.6	321.
12.6	43.5	4113.2	625.0	3.0	-8.4	75.9	3.6	-2.5	-0.9	315.9	325.8	3.2	42.8	2.8	317.
13.6	46.5	4447.6	600.0	0.9	-15.0	43.9	3.6	-2.5	-2.7	317.0	323.4	2.0	29.7	2.9	313.
14.9	49.5	4798.6	575.0	-0.2	-22.6	30.9	5.3	-2.7	-4.6	319.3	324.8	1.5	23.6	2.7	306.
15.0	52.4	5147.6	550.0	-1.3	-34.6	50.1	4.4	-3.4	-2.8	322.5	325.7	0.9	14.9	2.9	299.
17.2	55.4	5512.4	525.0	-3.9	-44.1	39.0	3.7	-6.3	-2.9	323.2	327.4	1.0	15.0	3.9	293.
19.5	58.5	5895.6	500.0	-6.5	-52.0	56.2	3.3	-7.1	-1.2	325.1	329.0	0.8	17.6	3.1	285.
20.0	51.9	6264.2	475.0	-9.1	-59.2	37.8	2.1	-1.3	-0.7	323.3	331.5	0.9	46.2	3.2	285.
21.3	65.2	6710.3	450.0	-11.9	-67.1	19.2	2.2	-2.1	-1.7	323.2	332.0	0.9	26.8	3.3	284.
22.8	68.6	7145.6	425.0	-14.7	-74.7	59.7	4.3	-4.2	0.6	330.2	332.9	0.8	27.3	3.6	285.
24.0	71.9	7601.8	400.0	-18.4	-82.5	100.2	7.5	-3.4	0.6	331.1	334.0	0.8	36.8	3.9	284.
25.6	75.7	8093.8	375.0	-21.5	-91.1	124.4	7.0	-5.7	3.9	333.1	335.0	0.5	27.9	4.4	285.
27.3	79.6	8593.3	350.0	-24.9	-99.2	121.8	6.5	-5.6	3.4	335.2	336.5	0.4	24.9	5.1	286.
28.9	83.5	9121.7	325.0	-28.2	-107.3	106.7	5.8	-4.6	1.4	337.9	338.6	0.2	15.6	5.6	289.
30.8	87.5	9691.7	300.0	-32.3	-115.9	135.0	3.1	-2.2	2.2	339.9	340.7	0.2	24.2	6.0	289.
32.6	91.8	10293.7	275.0	-37.2	-124.1	122.1	4.1	-2.5	2.2	341.4	342.0	0.2	27.2	6.4	291.
34.5	96.4	10961.3	250.0	-41.9	-132.5	85.3	5.6	-5.5	-0.5	343.8	349.9	99.9	999.9	6.8	250.
36.5	101.2	11554.7	225.0	-47.9	-141.9	100.7	4.9	-4.8	0.9	345.1	349.9	99.9	999.9	7.4	288.
38.8	106.6	12423.7	200.0	-52.9	-151.9	129.9	5.3	-4.3	4.0	349.2	349.9	99.9	999.9	8.4	288.
41.5	112.3	13273.7	175.0	-56.4	-162.9	132.0	10.8	-8.3	7.2	356.9	349.9	99.9	999.9	9.5	292.
44.3	118.5	14243.2	150.0	-63.1	-174.1	154.1	7.0	-1.9	6.7	361.4	349.9	99.9	999.9	10.8	296.
47.3	125.5	15151.6	125.0	-66.4	-185.4	140.0	8.1	-5.2	6.2	374.8	349.9	99.9	999.9	12.3	299.
50.8	133.0	16003.7	100.0	-72.3	-197.9	99.9	99.9	99.9	99.9	395.4	349.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEXAS

7 JULY 1977  
1930 GMT

122 98. 0

TIME MIN	CNCT °	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E PCT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	877.0	915.3	33.9	12.8	110.0	5.6	-5.3	1.9	314.6	344.3	10.2	28.0	0.0	0.
00.0	00.0	00.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	975.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	950.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	925.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
0.1	15.4	1022.0	900.0	31.1	17.5	099.0	09.9	09.9	09.9	313.6	353.6	14.2	44.2	099.9	999.9
0.9	17.8	1274.5	875.0	28.0	15.3	099.0	09.9	09.9	09.9	312.9	348.4	12.6	46.0	099.9	999.9
1.6	20.3	1537.5	850.0	25.7	14.4	099.0	09.9	09.9	09.9	313.1	347.6	12.2	49.6	099.9	999.9
2.3	22.8	1795.2	825.0	22.8	12.9	140.2	5.4	-3.4	4.1	312.7	344.9	11.4	53.5	0.9	323.
3.0	25.3	2052.7	800.0	20.4	11.8	135.2	4.4	-3.1	3.2	312.9	343.8	10.9	57.7	1.2	322.
3.7	27.8	2316.4	775.0	18.1	11.0	135.9	2.4	-1.7	1.7	313.3	343.8	10.8	63.5	1.3	321.
4.5	30.4	2614.4	750.0	15.0	9.8	120.9	3.0	-2.6	1.6	312.9	341.9	10.2	70.9	1.4	320.
5.3	33.1	2902.7	725.0	12.5	7.1	95.1	3.3	-3.3	0.3	312.0	338.2	8.8	70.7	1.5	317.
6.4	35.6	3186.9	700.0	11.4	5.3	94.0	5.1	-5.1	-0.2	315.1	335.5	7.0	57.5	1.7	311.
7.3	38.6	3500.2	675.0	9.3	-4.7	83.0	5.1	-5.1	-0.6	316.7	325.8	4.0	35.5	2.0	304.
8.4	41.4	3812.4	650.0	7.3	-5.8	69.3	4.9	-4.4	-1.7	317.2	328.9	3.8	38.9	2.2	298.
9.4	44.2	4133.4	625.0	4.0	-7.1	58.6	4.7	-4.0	-2.4	317.1	328.1	3.6	43.8	2.4	293.
10.4	47.1	4457.5	600.0	0.9	-8.4	45.0	5.1	-3.7	-3.5	317.2	327.6	3.4	49.8	2.5	287.
11.6	49.9	4804.7	575.0	-0.4	-17.0	57.3	4.9	-4.1	-2.6	319.5	325.2	1.8	27.2	2.7	280.
12.9	52.9	5159.2	550.0	-2.1	-20.2	53.0	5.7	-4.5	-3.4	321.6	326.0	1.3	22.1	3.0	276.
14.3	56.0	5524.1	525.0	-3.1	-21.1	46.8	7.1	-5.2	-4.8	324.7	329.2	1.3	23.3	3.4	268.
15.6	59.1	5912.7	500.0	-5.0	-22.2	40.0	5.9	-4.3	-3.9	325.9	331.3	1.3	24.5	3.9	264.
17.1	62.8	6314.3	475.0	-7.5	-25.8	31.6	5.2	-2.7	-4.4	328.7	331.8	0.9	19.4	4.2	259.
18.3	65.9	6732.6	450.0	-10.0	-22.5	43.0	4.9	-3.4	-3.6	329.9	334.6	1.4	37.1	4.4	256.
19.7	69.4	7149.4	425.0	-13.9	-28.1	42.8	3.1	-2.1	-2.3	331.2	334.3	0.9	28.8	4.8	254.
21.2	73.0	7597.6	400.0	-17.2	-31.2	57.4	2.0	-1.7	-1.1	332.6	335.1	0.7	29.2	4.9	252.
22.8	76.7	8109.0	375.0	-20.6	-32.3	115.6	4.0	-3.5	2.0	334.3	335.7	0.7	33.9	5.1	253.
24.8	80.5	8615.0	350.0	-24.5	-36.5	127.9	5.6	-4.6	3.1	335.7	337.4	0.5	21.6	5.6	258.
26.4	84.7	9150.9	325.0	-29.0	-41.1	120.4	4.4	-3.8	2.2	336.7	337.9	0.3	29.9	5.9	252.
28.5	89.9	9719.8	300.0	-32.7	-43.7	110.6	5.4	-4.7	2.7	339.3	340.3	0.3	32.0	6.5	264.
30.5	93.2	10324.6	275.0	-37.5	-47.5	131.7	3.1	-2.3	2.0	340.8	341.6	0.2	34.3	6.7	267.
32.5	97.9	10974.3	250.0	-42.1	09.9	55.0	4.1	-3.4	-2.4	343.5	339.9	09.9	099.9	7.1	267.
34.6	102.6	11687.0	225.0	-47.6	09.9	64.5	7.6	-7.0	-3.0	345.5	339.9	09.9	099.9	7.7	265.
37.3	109.0	12452.1	200.0	-51.6	09.9	97.3	3.5	-3.4	0.4	351.0	339.9	09.9	099.9	8.6	265.
40.4	117.5	13304.7	175.0	-57.0	09.9	122.7	8.9	-7.5	4.8	355.8	339.9	09.9	099.9	9.1	268.
44.0	119.3	14259.7	150.0	-63.7	09.9	161.3	8.9	-2.9	8.4	360.4	339.9	09.9	099.9	10.6	278.
47.5	126.7	15372.0	125.0	-67.9	09.9	140.8	10.3	-6.5	8.0	372.1	339.9	09.9	099.9	12.1	284.
52.0	134.3	16701.3	100.0	-68.6	09.9	099.0	09.9	09.9	09.9	395.3	339.9	09.9	099.9	099.9	099.9
09.9	09.9	09.9	75.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	099.9	099.9	099.9
09.9	09.9	09.9	50.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	099.9	099.9	099.9
09.9	09.9	09.9	25.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	099.9	099.9	099.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

7 JULY 1977  
2100 GMT

122 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	873.0	914.7	33.9	13.4	140.0	5.3	-3.4	4.1	315.0	345.4	10.6	25.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	15.9	1018.8	900.0	30.7	13.3	999.9	99.9	99.9	99.9	313.2	343.7	10.8	34.6	999.9	999.9
1.1	18.3	1270.1	875.0	28.1	12.1	999.9	99.9	99.9	99.9	313.0	342.1	10.2	37.1	999.9	999.9
1.7	20.8	1526.5	850.0	25.2	11.6	999.9	99.9	99.9	99.9	312.6	341.5	10.2	42.7	999.9	999.9
2.3	23.7	1789.4	825.0	23.3	11.5	138.7	7.7	-5.1	5.8	313.2	342.9	10.4	47.5	1.0	317.
2.8	25.3	2056.2	800.0	21.0	11.2	141.8	8.0	-5.0	6.3	313.5	343.4	10.5	53.4	1.3	318.
3.5	29.4	2330.0	775.0	17.8	9.6	134.7	9.8	-7.0	6.9	313.0	340.8	9.8	56.7	1.6	316.
4.3	31.0	2609.3	750.0	15.4	9.0	120.5	7.9	-5.8	4.0	313.3	340.9	9.7	65.6	2.1	316.
5.3	33.6	2896.8	725.0	12.6	8.1	109.7	5.5	-5.2	1.8	313.3	340.2	9.4	73.8	2.5	313.
6.9	36.3	3191.7	700.0	10.3	5.7	104.2	4.9	-4.8	1.2	313.9	337.8	8.3	73.2	2.9	309.
8.1	39.1	3492.7	675.0	7.6	4.4	73.5	5.4	-5.1	-1.5	314.1	336.7	7.8	80.2	3.2	305.
9.6	41.9	3803.1	650.0	5.2	1.4	37.8	6.0	-3.7	-4.7	314.8	334.0	6.5	76.3	3.4	297.
10.9	44.8	4123.0	625.0	2.4	-1.2	31.3	6.9	-3.6	-5.9	315.3	332.1	5.7	77.3	3.5	289.
12.3	47.7	4452.2	600.0	3.0	-16.6	18.5	5.9	-1.9	-5.5	319.6	325.2	1.7	22.0	3.6	280.
13.7	50.7	4785.4	575.0	0.3	-19.3	15.9	5.4	-1.6	-5.2	320.9	325.4	1.4	19.6	3.6	275.
14.4	53.6	5150.8	550.0	-1.6	-21.6	22.4	7.3	-2.3	-6.7	322.2	326.3	1.2	20.0	3.7	269.
15.3	56.5	5510.4	525.0	-4.0	-21.7	24.9	9.3	-3.9	-9.4	323.6	327.9	1.3	23.8	4.0	252.
16.7	59.9	5922.0	500.0	-7.0	-23.7	37.8	7.9	-4.8	-6.2	324.5	328.3	1.1	25.0	4.5	255.
19.0	63.1	6301.0	475.0	-9.4	-23.3	45.1	6.0	-4.3	-4.3	327.6	330.3	0.8	18.1	4.9	252.
19.4	66.6	6712.7	450.0	-10.3	-27.0	65.3	3.0	-2.7	-1.3	329.7	332.9	0.9	25.0	5.3	250.
20.8	70.1	7155.1	425.0	-14.2	-30.2	87.3	2.9	-2.9	-0.1	330.7	333.3	0.7	24.2	5.5	250.
22.3	73.7	7613.1	400.0	-17.0	-31.8	127.8	3.7	-2.9	2.3	332.9	335.3	0.7	26.1	5.7	252.
23.8	77.4	8094.2	375.0	-20.4	-34.6	174.0	5.0	-3.4	3.6	334.5	336.5	0.5	26.3	5.9	256.
25.7	81.3	8500.9	350.0	-24.3	-38.3	115.6	3.3	-2.9	1.5	336.0	337.4	0.4	24.6	6.2	260.
27.8	85.3	9176.4	325.0	-28.1	-42.4	115.4	2.9	-2.6	1.2	337.9	339.0	0.3	23.8	6.6	261.
29.7	89.6	9706.0	300.0	-32.4	-44.5	226.6	1.5	1.1	1.1	339.7	340.6	0.2	28.5	6.6	263.
31.6	94.0	10312.8	275.0	-37.7	-48.6	85.9	1.2	-1.2	-0.1	340.5	341.2	0.2	30.8	6.5	263.
33.5	98.6	10964.0	250.0	-42.3	99.9	59.2	5.5	-4.7	-2.8	343.2	999.9	99.9	999.9	6.9	261.
35.9	103.6	11666.9	225.0	-49.3	99.9	65.9	4.5	-4.1	-1.9	344.3	999.9	99.9	999.9	7.5	250.
38.5	109.0	12474.0	200.0	-51.5	99.9	58.0	5.8	-5.8	0.3	351.1	999.9	99.9	999.9	8.3	259.
41.4	114.8	13293.0	175.0	-56.7	99.9	137.6	11.1	-7.5	3.2	356.3	999.9	99.9	999.9	9.5	265.
44.5	120.4	14254.4	150.0	-62.1	99.9	183.1	5.5	0.4	6.6	360.8	999.9	99.9	999.9	10.2	274.
48.3	127.8	15254.0	125.0	-69.0	99.9	144.0	10.6	-6.3	8.6	370.0	999.9	99.9	999.9	10.7	282.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

D-274

STATION NO. 330  
POST, TEXAS

7 JULY 1977  
2100 GMT

130 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPV	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	771.0	927.2	34.7	16.1	160.0	6.2	-2.2	5.9	314.6	350.1	12.5	33.0	0.0	0.
00.9	00.9	00.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.9	00.9	00.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.9	00.9	00.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	12.9	702.6	925.0	34.7*	15.9	999.9	99.9	99.9	99.9	314.8	350.0	12.4	32.7	999.9	999.
0.9	15.3	1039.1	900.0	30.3	13.6	999.9	99.9	99.9	99.9	312.8	343.8	10.9	36.0	999.9	999.
2.3	19.0	1289.6	875.0	27.5	11.6	999.9	99.9	99.9	99.9	312.4	340.5	9.9	37.3	999.9	999.
3.4	20.4	1545.2	850.0	25.0	10.8	999.9	99.9	99.9	99.9	312.4	339.9	9.7	40.8	999.9	999.
4.2	22.2	1801.4	825.0	22.7	9.2	163.8	7.4	-2.1	7.1	312.6	339.1	9.3	44.1	1.8	354.
4.7	25.8	2073.5	800.0	20.3	9.7	161.3	7.1	-2.3	6.8	312.8	340.0	9.5	80.7	2.0	353.
5.7	28.6	2344.6	775.0	17.3	9.3	155.6	7.2	-1.8	7.0	312.4	337.9	8.9	55.4	2.4	351.
6.4	31.4	2615.9	750.0	14.5	5.9	173.1	4.3	-0.1	4.3	312.3	336.3	8.4	60.4	2.7	351.
7.3	34.3	2811.7	725.0	11.6	7.0	157.9	1.9	-0.7	1.7	312.2	337.2	8.7	73.4	2.8	352.
8.2	37.1	3204.1	700.0	8.0	6.5	999.9	99.9	99.9	99.9	311.3	336.3	8.8	90.5	999.9	999.
9.5	39.9	3507.5	675.0	5.5	2.3	999.9	99.9	99.9	99.9	311.8	331.4	6.8	80.1	999.9	999.
10.7	42.9	3812.8	650.0	5.3	-8.7	999.9	99.9	99.9	99.9	315.0	324.4	3.1	36.0	999.9	999.
12.0	46.0	4122.0	625.0	4.1	-21.8	999.9	99.9	99.9	99.9	317.1	320.7	1.1	13.0	999.9	999.
13.8	49.2	4433.4	600.0	3.4	-18.3	999.9	99.9	99.9	99.9	318.9	324.0	1.6	20.8	999.9	999.
14.9	52.3	4745.4	575.0	-1.5	-6.9	359.6	7.9	0.1	-7.9	318.2	330.3	4.0	66.6	1.2	301.
16.3	55.4	5159.3	550.0	-7.6	-14.9	14.2	6.5	-1.8	-6.2	319.8	327.8	2.5	48.3	1.1	267.
17.8	58.9	5575.2	525.0	-5.0	-31.4	16.8	4.3	-1.3	-4.1	322.4	324.2	0.5	10.2	1.4	248.
19.6	62.3	6003.1	500.0	-4.1	-27.6	350.6	1.9	0.3	-1.9	325.6	328.3	0.8	16.0	1.5	239.
21.2	65.7	6307.6	475.0	-4.1	-21.9	4.3	0.5	-0.1	-0.5	326.7	328.7	0.6	13.8	1.6	235.
22.7	69.3	6724.4	450.0	-11.4	-33.3	41.5	1.4	-1.0	-1.1	328.9	330.8	0.5	14.3	1.7	234.
24.4	73.0	7150.1	425.0	-14.2	-31.2	175.2	1.4	-0.1	1.4	330.8	333.1	0.7	22.1	1.7	237.
26.4	77.0	7581.8	400.0	-17.8	-36.3	209.9	1.3	0.5	1.2	331.9	333.4	0.4	18.0	1.5	239.
28.4	80.8	8006.4	375.0	-21.7	-39.2	135.4	4.6	-1.2	4.7	332.9	334.2	0.3	18.3	1.4	255.
30.5	84.9	8401.1	350.0	-24.3	-44.5	149.9	2.9	-1.5	2.5	335.3	336.1	0.2	14.0	1.6	277.
33.0	89.3	8775.6	325.0	-28.9	-49.4	141.7	2.6	-1.6	2.1	335.9	337.4	0.1	11.8	1.8	283.
35.0	94.0	9102.7	300.0	-33.4	-51.0	136.6	4.0	-2.8	2.9	338.3	338.7	0.1	15.0	2.2	290.
37.4	98.6	9307.7	275.0	-38.3	-54.3	137.4	4.4	-3.0	3.3	339.7	340.0	0.1	16.5	2.7	296.
40.1	103.6	9585.5	250.0	-43.8	99.9	125.7	5.5	-4.4	3.3	340.9	999.9	99.9	999.9	3.5	259.
42.8	109.0	9854.6	225.0	-49.1	99.9	153.2	4.9	-2.3	4.3	343.3	999.9	99.9	999.9	4.3	301.
45.8	114.5	10211.6	200.0	-52.4	99.9	135.3	3.9	-2.7	2.7	349.8	999.9	99.9	999.9	5.1	306.
49.4	120.9	10772.4	175.0	-58.1	99.9	144.2	7.3	-4.2	5.9	354.0	999.9	99.9	999.9	6.3	311.
53.2	127.3	11224.9	150.0	-65.6	99.9	238.2	5.0	4.2	2.6	357.0	999.9	99.9	999.9	7.1	316.
57.5	134.5	11724.3	125.0	-68.6	99.9	147.5	7.5	-4.0	6.3	370.7	999.9	99.9	999.9	7.7	322.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

7 JULY 1977  
2054 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PJT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.4	595.0	945.8	36.0	19.9	180.0	1.1	0.0	1.1	314.1	358.0	15.6	35.0	0.0	0.
99.9	99.0	99.9	1000.0	99.9	55.5	59.9	99.5	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.5	95.9	99.5	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	13.4	785.0	925.0	30.7	14.2	56.3	3.0	0.3	0.3	310.7	343.1	11.6	38.3	0.1	27.0
1.6	15.6	1029.7	900.0	25.5	13.5	134.2	2.8	-2.0	1.9	310.8	341.4	10.9	35.8	0.3	28.3
2.5	19.0	1279.1	875.0	24.1	12.6	158.5	3.5	-1.3	3.2	310.9	340.7	10.6	43.2	0.4	30.1
3.4	20.4	1534.0	850.0	23.8	12.5	162.0	3.4	-1.1	3.3	311.1	341.5	10.8	49.3	0.5	31.3
4.6	22.8	1794.1	825.0	21.1	12.0	160.0	3.7	-1.3	3.5	310.9	341.3	10.8	56.1	0.8	32.1
5.1	25.3	2040.0	800.0	18.8	11.4	168.8	4.1	-0.8	4.1	311.2	341.4	10.7	62.1	1.1	32.9
7.5	37.7	2332.1	775.0	16.4	10.6	175.4	4.5	-0.4	4.5	311.4	341.0	10.5	68.8	1.4	33.5
9.0	30.2	2610.7	750.0	14.6	9.5	173.2	4.4	-0.5	4.3	312.4	339.9	9.7	68.9	1.5	34.0
10.2	77.0	2896.7	725.0	12.2	6.4	150.1	2.6	-1.0	2.6	312.9	326.8	8.4	67.7	2.1	34.1
11.4	35.6	3153.3	700.0	9.8	4.4	159.6	2.6	-1.0	2.4	313.4	335.2	7.5	68.9	2.3	34.0
12.3	35.7	3401.5	675.0	7.6	1.7	145.6	1.1	-0.6	0.6	314.2	333.1	6.5	66.3	2.4	33.3
13.5	41.0	3602.2	650.0	5.6	-1.0	31.7	1.5	-0.8	-1.2	315.3	331.7	5.5	62.5	2.4	34.0
14.8	43.9	4131.7	625.0	3.0	-4.8	42.2	2.6	-1.9	-2.0	315.9	328.8	4.3	56.6	2.3	33.6
15.1	46.9	4451.7	600.0	1.8	-12.8	36.9	3.2	-1.9	-2.6	318.2	325.7	2.4	33.0	2.2	33.0
17.4	49.9	4781.6	575.0	0.3	-12.9	26.9	2.9	-1.7	-2.3	320.3	328.2	2.5	36.3	2.1	31.8
19.1	53.8	5149.4	550.0	-1.5	-14.8	31.3	2.2	-1.1	-1.9	322.5	329.4	2.2	35.3	2.1	32.4
20.9	55.8	5438.5	525.0	-3.7	-17.2	6.7	4.1	-0.5	-2.0	324.0	320.2	1.9	34.1	1.9	31.0
22.4	58.0	5702.3	500.0	-5.9	-18.5	52.5	2.8	-2.2	-1.7	325.8	323.0	2.2	45.2	1.8	30.1
24.0	62.4	6036.6	475.0	-8.5	-16.5	94.5	2.8	-2.9	0.2	327.4	334.8	2.2	52.9	2.0	29.6
25.5	65.8	6320.2	450.0	-11.1	-24.8	85.1	3.3	-2.3	-0.1	329.3	333.2	1.1	31.1	2.3	29.3
27.3	69.2	7117.2	425.0	-13.1	-30.8	100.1	5.8	-5.7	1.0	332.1	334.6	0.7	21.0	2.7	28.0
30.9	72.7	7615.8	400.0	-16.7	-32.8	106.2	7.1	-6.9	2.0	333.3	335.2	0.5	21.1	3.5	28.9
37.0	80.4	8403.9	375.0	-20.5	-37.3	111.8	6.6	-6.1	2.4	334.5	336.0	0.4	20.3	4.3	28.9
35.1	84.4	9136.2	350.0	-24.3	-33.0	127.5	4.7	-3.7	2.9	335.0	338.4	0.7	44.3	4.9	29.0
37.3	83.5	9707.7	325.0	-33.2	-45.3	132.1	3.4	-2.5	2.2	337.5	339.5	0.4	37.1	5.4	29.3
38.5	91.2	10313.9	295.0	-37.4	-51.6	139.5	6.0	-3.9	4.5	336.7	339.5	0.2	27.8	5.9	29.3
42.2	97.8	10945.4	265.0	-41.9	-51.6	150.7	8.7	-4.3	7.6	341.1	341.5	0.1	20.9	6.8	29.5
44.9	102.8	11473.1	235.0	-45.2	99.5	144.5	9.7	-5.0	7.1	343.8	999.9	99.9	955.9	8.2	30.4
47.5	109.4	12445.1	205.0	-51.9	99.5	144.0	6.2	-3.6	5.0	350.6	995.9	99.9	959.9	999.9	999.9
50.7	114.3	13009.2	175.0	-57.3	59.5	139.1	8.9	-5.8	6.7	355.4	999.9	99.9	959.9	11.4	30.8
54.2	120.7	14251.0	150.0	-63.3	90.9	119.1	3.3	-2.9	1.6	362.1	999.9	99.9	959.9	12.6	30.8
53.0	128.0	15111.1	125.0	-67.9	92.5	145.3	9.5	-5.6	8.0	372.0	999.9	99.9	959.9	13.7	30.8
52.7	136.3	16593.0	100.0	-70.2	99.5	999.9	99.9	99.9	99.9	392.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	56.9	75.0	58.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	58.9	50.0	58.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

7 JULY 1977  
2100 GMT

119 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	GBW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	781.0	924.8	33.8	17.1	130.0	3.1	0.0	3.1	313.9	351.7	13.4	37.0	0.0	0.
99.9	99.9	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
99.9	99.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
99.9	99.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
99.9	99.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
0.7	14.3	1025.5	903.0	30.0	13.6	999.9	99.9	99.9	99.9	312.5	343.4	11.0	36.6	999.9	999.9
1.8	15.4	1276.2	875.0	27.5	13.7	142.6	5.0	-1.5	4.8	312.3	344.5	11.4	42.9	0.7	355.
2.7	16.6	1537.1	850.0	24.9	12.8	147.7	6.8	-3.6	5.7	312.3	343.4	11.0	46.9	1.0	348.
3.6	20.8	1703.5	825.0	22.6	12.5	145.9	7.0	-3.8	5.8	312.5	343.9	11.1	52.8	1.3	342.
4.6	23.1	2050.6	800.0	19.9	11.3	148.9	6.7	-3.5	5.7	312.3	342.2	10.6	57.9	1.8	339.
5.7	25.4	2411.6	775.0	17.3	11.0	152.5	5.4	-2.5	4.8	312.4	342.8	10.7	66.5	2.1	337.
6.7	27.7	2613.5	750.0	14.7	10.6	154.0	3.9	-1.7	3.5	312.6	343.2	10.8	76.4	2.4	337.
7.7	30.2	2839.6	725.0	12.4	9.0	144.8	4.0	-2.3	3.3	313.1	339.9	9.4	74.5	2.7	336.
9.0	32.8	3137.8	700.0	10.6	2.6	124.4	3.0	-2.5	1.7	314.2	333.6	6.6	57.8	3.0	334.
10.2	35.3	3405.2	675.0	8.4	-0.0	96.7	2.6	-2.6	-0.2	315.0	331.8	5.7	55.3	3.0	332.
11.4	37.9	3807.5	650.0	6.7	-4.5	28.5	3.8	-1.8	-3.3	316.5	329.3	4.2	44.8	3.1	328.
12.8	40.5	4128.5	625.0	4.4	-10.5	13.7	6.4	-1.5	-6.2	317.5	325.9	2.7	32.2	2.8	321.
14.0	43.2	4450.7	600.0	2.8	-14.0	22.5	5.5	-2.1	-5.1	319.4	326.2	2.1	27.6	2.5	312.
15.3	46.1	4837.7	575.0	1.5	-19.4	23.1	6.6	-4.0	-7.6	321.8	326.5	1.4	15.2	2.5	303.
16.6	49.1	5159.9	550.0	-0.9	-21.6	33.9	8.3	-3.3	-7.2	323.1	327.2	1.2	18.9	2.5	294.
17.9	51.9	5529.3	525.0	-2.3	-21.6	30.5	7.3	-3.7	-6.3	323.9	330.7	1.3	23.5	2.8	273.
19.3	55.0	5917.2	500.0	-5.4	-22.5	34.0	4.8	-2.7	-3.9	326.5	330.7	1.2	24.5	3.1	263.
20.8	58.0	6313.0	475.0	-7.9	-23.0	43.9	2.5	-1.9	-1.6	329.3	332.6	1.3	28.1	3.3	261.
22.5	61.4	6732.2	450.0	-10.7	-25.5	47.9	2.9	-2.0	-2.1	329.8	333.4	1.1	28.4	3.3	258.
24.0	64.9	7149.4	425.0	-13.8	-25.0	93.6	2.5	-2.5	-0.3	331.3	334.4	0.9	28.9	3.7	256.
25.6	68.3	7627.4	400.0	-16.9	-22.1	175.5	3.2	-2.2	2.3	333.1	335.4	0.6	25.3	3.9	259.
27.2	71.7	8109.0	375.0	-20.1	-34.9	134.3	4.2	-4.4	4.3	335.1	337.0	0.5	25.1	4.2	263.
28.9	75.7	8615.1	350.0	-24.5	-37.5	139.9	4.6	-3.0	3.5	335.8	337.4	0.4	25.4	4.6	270.
30.9	79.7	9151.6	325.0	-27.3	-41.7	139.3	4.2	-2.3	3.2	338.4	339.5	0.3	24.5	5.0	274.
33.0	83.7	9723.5	300.0	-32.3	-42.7	115.5	1.7	1.5	0.7	339.9	341.0	0.3	24.1	5.2	277.
35.4	98.0	10328.1	275.0	-37.8	-47.6	103.8	4.7	-4.4	1.5	340.5	341.2	0.2	34.6	5.5	277.
37.7	93.8	10950.6	250.0	-42.2	69.9	171.3	5.0	-3.7	3.3	343.3	339.9	99.9	995.9	6.1	280.
39.9	97.6	11695.1	225.0	-47.0	99.9	135.7	5.1	-3.5	3.6	346.5	339.9	99.9	999.9	6.7	283.
42.6	103.0	12441.3	200.0	-50.1	99.9	102.1	4.5	-4.4	1.0	353.4	339.9	99.9	995.9	7.4	283.
45.4	109.0	13421.5	175.0	-56.2	99.9	151.3	7.6	-3.7	6.7	357.2	339.9	99.9	995.9	8.3	289.
48.4	115.3	14295.2	150.0	-62.8	99.9	151.2	4.4	-2.1	3.9	361.9	339.9	99.9	995.9	9.1	292.
51.7	122.7	15395.7	125.0	-66.7	99.9	138.9	7.5	-5.0	5.7	374.3	339.9	99.9	995.9	9.9	296.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

7 JULY 1977  
2230 GMT

96 223. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	977.0	913.6	33.9	12.8	140.0	7.1	-4.6	5.4	315.1	344.5	10.3	28.0	0.0	0.
99.9	99.9	979.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	16.1	1008.4	900.0	31.5	15.0	999.9	99.9	99.9	99.9	314.0	348.1	12.0	36.8	999.9	999.
1.1	18.7	1260.7	875.0	29.0	14.8	999.9	99.9	99.9	99.9	313.9	348.5	12.2	42.0	999.9	999.
1.6	21.3	1518.3	850.0	26.7	13.7	132.1	9.9	-7.3	6.6	314.1	347.3	11.7	44.9	1.0	322.
2.2	24.0	1791.0	825.0	24.1	12.5	125.4	7.6	-6.2	4.4	314.1	345.8	11.2	48.4	1.3	318.
2.7	26.7	2049.8	800.0	21.6	12.0	125.5	6.4	-5.2	3.7	314.2	345.8	11.1	54.5	1.5	316.
3.5	29.4	2324.4	775.0	18.8	10.5	124.9	6.0	-4.9	3.4	314.0	343.6	10.4	58.5	1.8	315.
4.6	32.2	2605.1	750.0	15.8	9.6	123.7	4.5	-3.5	2.3	313.7	340.8	9.4	62.4	2.1	313.
5.1	35.0	2892.2	725.0	13.3	7.1	137.5	4.5	-3.0	3.3	314.1	339.3	8.8	66.0	2.4	313.
6.3	37.9	3186.8	700.0	10.6	5.5	129.0	3.6	-2.8	2.2	314.2	339.8	8.9	77.1	2.6	314.
7.1	40.9	3489.0	675.0	8.2	3.3	85.3	2.8	-2.8	-0.2	314.8	335.9	7.2	71.0	2.8	313.
7.9	43.8	3800.3	650.0	6.6	-2.7	40.7	4.1	-2.7	-3.1	316.4	330.9	4.8	51.5	2.8	310.
9.1	46.9	4120.9	625.0	5.0	-13.6	30.9	6.6	-3.4	-5.7	318.2	325.1	2.2	25.1	2.8	302.
10.2	50.0	4457.2	600.0	3.7	-15.2	30.9	8.5	-4.4	-7.3	320.4	326.2	1.8	21.6	2.8	291.
11.2	53.1	4797.6	575.0	1.5	-19.9	29.4	8.9	-4.4	-7.8	321.7	326.2	1.4	18.6	3.0	280.
12.4	56.3	5153.5	550.0	-1.3	-21.0	18.6	8.1	-2.6	-7.7	322.5	326.8	1.3	20.6	3.2	270.
13.4	59.5	5522.6	525.0	-4.1	-20.2	14.3	7.6	-2.1	-7.3	323.5	328.3	1.5	27.1	3.3	262.
14.6	62.9	5905.5	500.0	-6.5	-23.5	30.9	5.3	-2.7	-4.6	325.1	328.9	1.1	24.5	3.5	255.
15.9	66.3	6304.9	475.0	-9.4	-29.0	51.9	5.5	-4.5	-3.6	327.6	330.2	0.7	17.0	3.9	252.
17.4	69.9	6722.6	450.0	-10.9	-25.2	54.7	4.7	-3.9	-2.7	329.6	333.0	1.0	26.9	4.4	250.
18.8	73.5	7160.0	425.0	-13.3	-23.9	70.4	3.6	-3.4	-1.2	331.7	334.6	0.8	25.9	4.7	249.
20.3	77.3	7619.4	400.0	-16.0	-30.9	103.2	4.2	-4.1	1.0	333.0	335.6	0.7	28.6	5.0	250.
21.7	81.2	8099.9	375.0	-20.1	-34.0	104.3	4.3	-4.2	1.1	335.0	337.0	0.6	27.4	5.4	253.
23.2	85.2	8607.7	350.0	-23.6	-37.7	103.1	2.3	-2.2	0.5	337.0	338.5	0.4	25.8	5.6	254.
24.8	89.5	9145.2	325.0	-27.9	-41.6	175.3	1.1	-0.1	1.1	339.2	339.3	0.3	25.5	5.8	256.
26.4	93.9	9714.1	300.0	-32.3	-43.4	295.6	1.0	0.9	-0.4	339.2	340.3	0.3	33.2	5.6	256.
28.3	98.6	10301.0	275.0	-37.9	99.9	354.5	2.2	0.1	-2.2	340.3	999.9	99.9	999.9	5.6	254.
30.4	103.4	10970.5	250.0	-43.0	99.9	11.3	4.3	-0.3	-4.2	342.2	999.9	99.9	999.9	5.8	250.
32.8	108.6	11670.7	225.0	-49.4	99.9	999.9	99.9	99.9	99.9	342.9	999.9	99.9	999.9	5.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

8 JULY 1977  
0 GMT

114 102. 0

TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GW/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	873.0	913.6	33.9	12.3	100.0	8.4	-8.3	1.5	315.1	343.5	9.9	27.0	0.0	0.
99.9	99.9	66.9	1000.0	59.9	96.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	14.5	1074.3	930.0	31.9	12.1	99.9	99.9	99.9	99.9	314.4	342.9	9.9	25.8	999.9	999.9
1.3	16.7	1250.8	975.0	29.9	11.2	99.9	99.9	99.9	99.9	314.9	342.5	5.6	31.6	999.9	999.9
2.3	19.0	1519.3	850.0	27.2	9.9	139.7	6.9	-4.5	5.3	314.7	340.8	9.1	33.9	0.9	319.
3.2	21.3	1741.4	925.0	24.6	7.4	123.2	7.4	-4.9	5.5	314.4	341.3	5.4	35.8	1.2	319.
4.0	23.7	2050.0	800.0	21.9	5.6	137.6	8.1	-5.5	6.0	314.5	341.6	9.4	45.5	1.6	319.
4.8	26.1	2324.8	775.0	19.7	3.8	150.9	7.3	-5.9	5.1	314.6	341.2	9.3	50.7	2.0	318.
5.6	28.5	2605.2	750.0	16.5	1.7	173.3	7.4	-5.5	4.7	314.5	341.6	9.5	55.9	2.4	316.
6.4	30.9	2897.9	725.0	13.9	7.1	195.7	6.5	-4.2	4.9	314.8	340.1	8.8	63.2	2.7	316.
7.3	33.5	3185.9	700.0	10.9	5.6	218.3	4.2	-2.1	3.7	314.5	338.2	8.2	70.2	3.0	318.
8.3	36.0	3491.2	675.0	8.6	4.2	241.7	2.2	-1.7	3.4	315.3	337.7	7.7	73.9	3.2	318.
9.4	38.7	3803.0	650.0	7.0	-1.0	265.9	3.6	-2.9	-2.2	316.9	333.3	5.5	86.5	3.2	316.
10.6	41.2	4124.1	625.0	3.7	-1.9	289.9	6.2	-3.9	-4.8	316.7	332.7	5.3	96.6	3.2	310.
11.8	44.0	4455.1	600.0	2.4	-14.8	317.0	9.0	-5.7	-6.9	318.9	325.3	2.0	26.8	3.3	300.
13.3	45.8	4792.5	575.0	0.9	-16.3	341.0	9.8	-6.4	-7.4	321.0	327.0	1.9	26.2	3.5	286.
14.5	47.6	5153.8	550.0	-1.3	-21.5	374.4	9.3	-4.5	-7.3	321.9	326.1	1.2	20.6	3.9	276.
15.7	49.6	5522.5	525.0	-3.8	-23.4	408.3	5.3	-3.5	-6.0	323.9	327.6	1.1	20.1	4.1	269.
17.0	55.6	5904.1	500.0	-5.7	-24.1	441.9	5.3	-3.5	-4.0	326.1	325.8	1.1	21.8	4.4	264.
18.3	58.5	6307.0	475.0	-7.0	-27.1	476.5	6.3	-5.2	-3.5	328.4	321.4	0.9	19.4	4.8	261.
20.0	61.9	6724.9	450.0	-10.8	-27.1	511.0	4.8	-3.5	-3.3	329.7	323.8	0.9	24.6	5.3	259.
21.9	65.1	7152.6	425.0	-13.0	-28.2	545.7	3.7	-2.7	-2.6	332.3	335.4	0.9	26.5	5.7	256.
23.5	68.4	7521.7	400.0	-16.1	-30.8	579.9	2.4	-2.3	-0.8	334.0	336.6	0.7	26.9	6.0	255.
25.2	72.0	8102.8	375.0	-20.0	-34.7	614.7	2.1	-2.0	-0.6	337.0	337.6	0.4	25.3	6.3	255.
26.7	75.7	8411.5	350.0	-24.2	-38.4	649.7	1.4	-1.2	-0.7	336.1	337.6	0.4	25.4	6.3	255.
28.4	79.5	8747.5	325.0	-28.2	-41.6	685.4	1.6	-1.5	0.4	337.7	338.8	0.3	26.4	6.5	255.
30.1	83.3	9114.7	300.0	-32.2	-44.3	721.7	2.2	0.3	-2.2	340.0	340.9	0.2	28.2	6.6	252.
32.3	87.5	10324.1	275.0	-37.6	-47.1	758.0	2.9	-0.7	-2.8	340.8	341.5	0.2	35.8	7.1	249.
34.7	91.9	10977.8	250.0	-43.1	99.9	826.6	4.9	-3.3	-3.6	342.0	339.9	99.9	955.9	7.8	247.
40.1	101.4	12451.6	200.0	-50.9	99.9	911.4	4.4	-4.3	0.9	352.2	999.9	99.9	955.9	8.6	249.
42.9	106.8	13710.6	175.0	-56.4	99.9	1000.0	8.0	-5.7	5.6	356.9	999.9	99.9	955.9	9.1	255.
45.9	112.6	14273.3	150.0	-63.8	99.9	1111.3	4.6	-2.9	3.6	360.3	999.9	99.9	955.9	9.8	261.
48.8	119.0	15372.1	125.0	-68.9	99.9	1266.6	9.3	-5.1	7.8	370.3	999.9	99.9	955.9	10.2	267.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

8 JULY 1977

125 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GOM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	771.0	926.2	34.0	15.9	130.0	4.2	0.0	4.2	314.0	349.1	12.4	34.0	0.0	0.
99.9	99.9	80.9	1000.0	59.9	99.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.0	722.7	925.0	34.0	14.7	99.9	99.9	99.9	99.9	314.1	346.7	11.5	31.5	999.9	999.9
1.1	15.4	1025.9	500.0	31.9	13.8	909.9	99.9	99.9	99.9	314.3	345.9	11.1	33.5	999.9	999.9
2.1	17.7	1281.9	875.0	29.3	12.8	158.6	4.5	-1.7	4.2	314.2	344.7	10.7	36.2	0.7	338.
3.5	20.2	1579.1	850.0	26.6	12.0	171.0	4.7	-0.7	4.7	314.0	343.8	10.4	40.2	1.1	341.
4.9	22.6	1851.6	825.0	23.9	11.2	178.2	5.3	-0.2	5.3	313.9	342.9	10.2	44.8	1.5	345.
6.2	25.1	2049.6	800.0	21.0	10.1	183.7	5.7	0.1	5.7	313.5	341.5	9.8	49.6	1.9	348.
7.4	27.6	2237.6	775.0	18.3	9.4	179.5	5.7	-0.2	5.7	313.5	341.1	5.7	56.3	2.3	350.
8.4	30.7	2423.7	750.0	15.2	8.1	192.7	5.5	1.4	5.4	313.1	339.3	9.1	62.7	2.7	352.
9.5	33.0	2610.1	725.0	11.9	7.6	214.1	3.4	1.9	2.8	312.5	338.6	9.1	75.2	3.0	356.
10.8	35.6	2807.5	700.0	9.9	4.7	149.9	0.7	-0.3	0.6	313.4	335.6	7.7	70.1	3.0	357.
11.8	38.3	3005.1	675.0	7.5	2.3	57.7	1.3	-1.1	-0.7	314.0	333.6	6.7	69.6	3.1	356.
12.9	41.0	3195.0	650.0	5.4	0.2	27.1	4.1	-1.9	-3.7	315.1	332.8	6.0	69.0	2.9	354.
14.2	44.0	4174.6	625.0	3.0	-3.5	23.1	7.3	-2.9	-5.7	315.9	330.1	4.7	61.9	2.6	349.
15.4	47.0	4444.7	600.0	0.7	-2.2	22.4	9.0	-3.4	-8.4	316.9	333.2	5.4	90.9	2.1	339.
16.7	50.1	4825.4	575.0	-1.5	-5.1	22.2	8.4	-3.2	-7.8	313.3	332.2	4.6	76.4	1.6	320.
17.9	53.0	5159.3	550.0	-3.7	-12.1	13.4	5.3	-1.2	-5.2	320.9	329.6	2.9	48.2	1.4	303.
19.2	56.0	5527.6	525.0	-5.1	-23.6	17.1	3.0	-0.9	-2.9	323.5	327.2	1.1	20.1	1.3	252.
20.5	59.3	5913.1	500.0	-7.1	-26.0	40.5	2.2	-1.4	-1.7	324.4	327.5	0.9	20.5	1.4	293.
22.2	62.7	6303.7	475.0	-8.4	-27.6	65.1	3.3	-3.0	-1.4	327.6	330.4	0.9	19.6	1.5	276.
23.5	66.0	6724.2	450.0	-10.3	-27.7	95.4	3.0	-3.0	0.3	329.5	332.5	0.9	23.6	1.8	274.
25.1	69.5	7143.7	425.0	-13.4	-30.3	155.1	1.0	-0.4	0.9	331.8	334.3	0.7	22.5	2.0	275.
27.0	73.1	7621.6	400.0	-17.5	-33.6	197.1	2.1	0.3	2.0	332.3	334.5	0.6	25.1	2.0	280.
29.9	77.0	8107.9	375.0	-21.0	-34.9	133.9	3.0	0.2	3.0	333.8	335.7	0.5	27.1	2.0	290.
30.7	80.9	8604.7	350.0	-26.0	-40.1	128.3	3.8	-2.9	2.4	335.1	336.3	0.3	22.9	2.2	295.
32.3	85.0	9141.0	325.0	-32.3	-43.6	123.3	3.3	-2.7	1.8	336.3	337.8	0.4	35.8	2.6	295.
34.2	89.2	9707.2	300.0	-34.3	-47.6	90.7	1.1	-1.1	-0.2	337.1	338.0	0.3	36.6	2.8	296.
35.5	93.8	10311.4	275.0	-38.5	-51.4	174.7	2.4	-0.2	3.4	339.5	339.9	0.1	24.0	2.9	298.
39.2	98.4	10959.4	250.0	-43.5	99.9	145.9	4.0	-2.2	3.3	341.3	999.9	99.9	955.9	3.4	303.
41.7	103.3	11653.2	225.0	-48.7	99.9	123.0	4.5	-3.8	2.5	343.8	999.9	99.9	999.9	3.9	305.
44.5	108.3	12424.5	200.0	-52.2	99.9	133.3	7.3	-5.3	5.0	350.2	999.9	99.9	955.9	5.0	304.
48.0	114.3	13291.5	175.0	-57.4	99.9	140.2	4.7	-3.0	3.6	355.3	999.9	99.9	955.9	6.4	310.
51.5	121.0	14233.2	150.0	-65.2	99.9	270.2	1.5	-1.5	-3.0	357.3	999.9	99.9	999.9	6.7	311.
55.4	128.0	15330.4	125.0	-70.9	99.9	155.0	3.8	-2.9	6.2	366.7	999.9	99.9	955.9	7.2	311.
60.6	135.8	16651.4	100.0	-83.3	99.9	999.9	99.9	99.9	99.9	393.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 440  
ROBERT LEE, TEXAS

7 JULY 1977  
2356 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	555.0	944.5	33.8	17.9	140.0	2.6	-0.9	2.4	312.0	350.7	13.8	39.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
0.7	12.5	73.0	923.0	30.9	13.2	999.9	99.9	99.9	99.9	310.2	340.2	10.4	34.0	999.9	999.9
1.8	14.6	1017.6	903.0	28.7	13.1	999.9	99.9	99.9	99.9	311.1	341.0	10.6	38.4	999.9	999.9
3.0	14.7	1247.5	875.0	28.4	12.6	150.1	8.6	-4.3	7.4	311.2	341.0	10.6	42.3	1.5	328.
4.0	19.0	1523.4	850.0	23.8	12.2	145.0	6.0	-3.1	5.2	311.1	340.9	10.6	48.0	1.9	328.
4.9	21.1	1742.9	825.0	21.7	11.8	153.2	6.4	-2.9	5.7	311.5	341.4	10.6	53.2	2.3	329.
5.8	23.5	2049.3	800.0	19.2	11.0	167.9	4.7	-1.0	4.6	311.6	340.9	10.4	59.1	2.6	330.
6.6	25.7	2321.8	775.0	16.9	10.4	181.5	4.9	0.1	4.9	312.0	341.1	10.3	65.6	2.8	332.
7.6	29.1	2630.4	750.0	14.2	10.1	191.0	4.1	0.8	4.1	312.1	341.6	10.4	76.0	3.0	335.
8.8	30.5	2896.3	725.0	11.3	9.2	195.3	3.9	1.0	3.8	311.9	340.5	10.1	86.7	3.3	338.
10.0	33.1	3179.6	700.0	10.5	8.5	161.6	1.2	-0.4	1.2	314.2	333.3	6.5	96.6	3.4	340.
11.3	35.6	3431.5	675.0	8.7	7.8	81.9	2.3	-2.4	-0.3	315.4	332.8	5.9	106.1	3.5	338.
12.5	38.2	3703.1	650.0	6.4	-2.7	92.7	3.3	-3.3	-0.4	315.2	330.7	4.9	116.4	3.5	335.
13.7	40.9	4113.8	625.0	-3.3	-9.0	71.6	4.5	-0.3	-1.4	317.4	327.7	3.3	126.1	3.6	331.
14.9	43.6	4445.1	600.0	2.7	-14.4	73.0	5.9	-5.6	-1.7	319.3	325.0	1.8	136.1	3.7	323.
15.1	46.4	4788.1	575.0	0.6	-14.0	71.9	5.7	-5.4	-1.8	320.7	327.8	2.2	146.1	3.9	319.
17.6	49.4	5147.8	550.0	-0.9	-20.7	50.6	6.1	-4.7	-3.9	323.0	330.4	2.3	156.1	4.0	312.
19.2	52.2	5514.5	525.0	-2.2	-26.7	52.4	6.1	-4.9	-3.7	325.7	330.4	1.4	166.1	4.1	303.
20.8	55.2	5900.2	500.0	-4.4	-18.0	41.0	4.5	-2.9	-3.4	327.2	333.4	1.9	176.1	4.3	297.
22.4	59.3	6331.8	475.0	-7.0	-22.3	51.0	5.2	-4.0	-3.3	329.6	333.1	1.3	186.1	4.4	291.
24.1	61.6	6720.4	450.0	-10.3	-25.6	73.3	5.0	-4.9	-1.4	330.3	334.0	1.1	196.1	4.7	296.
25.7	65.0	7158.0	425.0	-13.5	-25.6	94.5	6.0	-6.0	0.9	331.5	335.1	1.0	206.1	5.3	284.
27.0	68.4	7616.7	400.0	-16.6	-31.6	50.4	4.6	-4.6	0.0	333.5	335.9	0.7	216.1	5.8	283.
29.4	71.9	8007.9	375.0	-20.8	-37.4	96.4	3.4	-3.4	-0.2	334.1	335.6	0.4	226.1	6.2	293.
31.4	75.7	8404.1	350.0	-24.7	-32.5	65.3	2.6	-2.4	-1.0	335.5	338.0	0.7	236.1	6.6	281.
33.5	79.7	8798.4	325.0	-29.0	-36.9	25.1	2.5	-1.0	-2.2	336.7	338.5	0.5	246.1	6.9	279.
35.9	83.3	9205.0	300.0	-32.9	-42.0	119.4	2.4	-2.1	1.1	339.1	339.7	0.1	256.1	7.4	280.
38.3	88.0	10112.9	275.0	-37.1	-52.3	125.1	5.9	-4.8	3.4	341.5	341.9	0.1	266.1	8.5	283.
40.9	92.6	10845.3	250.0	-42.0	-59.9	122.9	7.4	-5.2	4.0	343.7	359.9	99.9	276.1	9.6	285.
43.7	97.4	11670.9	225.0	-45.8	-69.6	131.3	7.0	-5.3	4.6	346.8	359.9	99.9	286.1	10.7	288.
44.8	102.6	12447.1	200.0	-52.2	-79.9	125.7	5.5	-4.5	3.2	350.2	359.9	99.9	296.1	11.9	290.
49.8	105.4	13468.4	175.0	-57.7	-89.7	153.2	10.0	-4.7	8.9	354.6	359.9	55.9	306.1	13.2	295.
53.5	114.4	14252.8	150.0	-64.6	-95.9	168.1	3.9	-3.7	1.2	358.9	359.9	99.9	316.1	14.3	295.
57.5	121.5	15150.8	125.0	-68.3	-99.5	156.0	6.7	-3.7	6.1	370.4	359.9	99.9	326.1	999.9	999.9
62.1	129.0	16570.6	100.0	-73.4	-99.9	999.9	99.9	99.9	99.9	386.0	359.9	99.9	336.1	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPLACED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

8 JULY 1977  
0 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO GP/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	781.0	923.5	34.0	15.9	150.0	3.3	-1.6	2.9	314.2	349.5	12.4	34.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.5	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.5	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.5	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	955.5	999.9	999.9
0.9	14.4	1012.5	900.0	30.5	12.3	999.9	99.9	99.9	99.9	312.5	341.6	10.1	32.9	999.9	999.9
2.3	16.5	1253.5	875.0	27.6	12.1	173.4	5.8	-0.7	5.7	312.5	341.4	10.2	38.1	1.0	354.
3.7	19.9	1519.5	850.0	25.4	11.9	164.0	5.7	-1.8	6.4	312.9	342.3	10.4	42.9	1.4	353.
4.2	21.1	1792.3	825.0	23.2	12.0	147.1	5.2	-2.9	4.4	313.1	343.7	10.8	45.4	1.7	350.
5.0	23.5	2049.8	800.0	20.7	11.2	151.2	4.4	-2.1	3.8	313.3	343.2	10.5	54.4	1.9	347.
5.0	25.8	2327.7	775.0	18.3	10.2	159.3	5.0	-1.3	4.7	313.5	342.5	10.2	59.3	2.2	346.
7.0	28.4	2637.8	750.0	15.5	9.4	153.2	4.5	-1.7	4.2	313.4	341.8	9.9	67.0	2.5	345.
8.1	31.1	2890.7	725.0	12.6	9.2	161.7	3.6	-1.1	3.4	313.3	342.2	10.2	75.7	2.7	345.
9.3	33.8	3154.9	700.0	10.4	6.8	138.9	3.1	-2.3	2.3	314.1	339.7	6.9	78.1	3.0	344.
10.5	36.4	3487.6	675.0	8.9	1.0	62.9	2.6	-2.3	-1.2	315.6	333.7	6.1	57.9	3.1	341.
11.8	39.4	3799.4	650.0	7.2	-1.5	43.3	6.8	-5.0	-4.5	317.1	333.0	5.3	54.0	3.0	335.
13.0	42.1	4121.3	625.0	5.1	-6.1	49.8	9.9	-7.6	-6.4	313.2	332.2	3.9	44.0	2.8	323.
14.2	45.1	4457.9	600.0	3.5	-6.3	39.8	11.1	-7.1	-8.5	330.2	332.5	4.0	48.8	2.9	305.
15.4	48.4	4797.8	575.0	0.5	-3.9	33.4	9.5	-5.3	-7.5	320.6	331.2	3.4	45.5	2.9	292.
16.7	51.4	5123.3	550.0	-1.4	-21.1	53.2	3.6	-6.9	-5.2	322.5	326.9	1.3	21.5	3.3	282.
17.9	54.7	5492.6	525.0	-3.1	-25.2	38.9	7.6	-4.8	-5.9	324.7	327.9	0.9	16.3	3.7	275.
19.2	58.1	5907.0	500.0	-5.4	-26.8	42.5	6.1	-4.1	-4.5	326.4	329.4	0.9	16.8	3.9	267.
20.7	61.7	6304.1	475.0	-7.4	-30.5	55.6	5.6	-4.7	-3.1	329.8	331.0	0.6	14.0	4.4	264.
22.3	65.4	6727.1	450.0	-10.0	-29.1	55.6	3.2	-2.6	-1.8	330.6	333.6	0.8	21.1	4.8	261.
24.0	69.2	7155.3	425.0	-12.9	-29.5	77.5	4.2	-4.1	-0.9	332.4	335.2	0.8	23.6	5.1	260.
25.7	73.0	7624.3	400.0	-15.0	-31.8	101.1	3.3	-3.7	0.7	334.2	336.6	0.7	24.0	5.5	261.
27.1	77.2	8107.7	375.0	-20.0	-34.5	113.3	2.5	-2.2	1.2	335.1	337.1	0.5	25.9	5.8	262.
28.9	81.3	8615.5	350.0	-24.0	-32.6	173.3	1.1	-0.2	1.1	335.5	339.0	0.7	44.6	5.8	264.
30.8	85.8	9152.2	325.0	-27.9	-36.6	44.8	1.2	-0.9	-0.8	335.2	340.1	0.5	43.4	5.9	264.
33.1	90.6	9721.9	300.0	-32.7	-41.7	48.1	2.3	-1.7	-1.5	339.4	340.6	0.3	35.6	6.1	262.
35.3	95.5	10329.0	275.0	-37.5	-50.1	109.7	2.2	-2.1	0.6	340.9	341.5	0.1	25.2	6.2	262.
37.5	103.7	10941.7	250.0	-41.1	99.9	121.7	5.5	-4.7	2.9	345.0	999.9	99.9	955.9	6.7	264.
39.9	106.3	11690.4	225.0	-45.7	99.9	105.4	10.2	-9.9	2.7	348.5	999.9	99.9	955.9	7.5	268.
42.5	112.0	12467.1	200.0	-50.1	99.9	117.4	8.7	-7.7	4.0	353.4	999.9	99.9	955.9	9.1	272.
45.0	119.0	13771.5	175.0	-54.5	99.9	137.7	5.4	-3.5	4.0	363.0	999.9	99.9	955.9	10.1	275.
48.0	124.7	14301.1	150.0	-61.0	99.9	305.4	2.2	1.8	-1.3	363.5	999.9	99.9	955.9	10.5	279.
51.5	131.3	15101.2	125.0	-67.4	99.9	167.1	3.0	-1.8	7.8	373.0	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEAN'S ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEAN'S TEMPERATURE OP TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEAN'S ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

8 JULY 1977  
300 GMT

123 102. 0

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	473.0	914.7	30.0	11.5	145.0	4.1	-2.4	3.4	311.0	337.6	9.4	32.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	15.2	1018.5	900.0	31.1	14.7	599.9	99.9	99.9	99.9	313.6	347.1	11.9	37.0	999.9	999.9
1.4	18.7	1270.5	875.0	28.8	12.5	999.9	99.9	99.9	99.9	313.7	344.3	10.5	36.6	999.9	999.9
2.4	21.2	1527.3	850.0	26.0	12.6	146.6	9.2	-5.1	7.7	313.4	343.3	10.9	43.3	1.4	327.
3.3	23.7	1799.5	825.0	23.7	11.6	142.1	9.2	-5.7	7.3	313.7	343.6	10.5	46.6	2.0	326.
4.3	26.2	2057.6	800.0	21.4	11.0	144.3	7.2	-4.2	5.9	313.9	343.6	10.4	51.7	2.4	325.
5.2	28.9	2371.8	775.0	18.6	9.9	145.0	5.2	-3.6	5.1	313.9	342.3	10.0	56.7	2.9	325.
6.3	31.4	2612.4	750.0	15.8	9.0	177.9	4.6	-3.1	3.4	313.8	341.5	9.7	63.8	3.2	325.
7.3	34.1	2858.7	725.0	13.7	7.3	129.1	2.0	-1.6	1.3	314.5	340.2	8.9	65.5	3.4	325.
8.4	36.9	3104.7	700.0	11.4	3.9	43.0	3.5	-2.4	-2.6	315.1	336.4	7.3	55.9	3.4	323.
9.5	39.7	3433.2	675.0	9.4	0.7	28.1	6.9	-3.4	-5.1	316.2	334.0	6.0	54.5	3.3	316.
10.9	42.5	3870.3	650.0	7.1	-4.3	29.1	8.7	-4.2	-7.6	317.0	330.1	4.3	44.1	3.1	307.
11.9	45.4	4131.6	625.0	4.7	-8.0	25.4	10.9	-4.7	-9.9	317.9	328.2	3.4	39.1	3.2	294.
13.1	48.4	4413.0	600.0	2.2	-12.7	22.0	12.2	-4.5	-11.3	318.8	326.5	2.4	32.3	3.2	278.
14.4	51.4	4705.4	575.0	-0.3	-17.5	35.9	17.5	-8.0	-11.0	319.5	337.2	5.8	85.9	3.7	264.
15.7	54.5	5013.0	550.0	-2.9	-21.1	41.9	12.3	-8.2	-9.1	320.9	333.5	4.1	72.5	4.5	255.
16.9	57.7	5332.1	525.0	-5.9	-24.4	44.4	9.5	-6.7	-6.3	323.9	328.2	1.3	24.0	5.1	250.
19.4	64.0	5911.7	500.0	-8.2	-21.7	37.4	6.9	-4.2	-5.5	325.5	323.0	1.3	28.1	5.8	246.
19.7	64.7	6117.7	475.0	-11.0	-23.1	76.3	7.0	-6.9	-1.4	323.1	322.3	1.3	28.5	6.3	245.
21.2	67.7	6733.7	450.0	-13.1	-22.2	69.9	5.3	-5.7	1.0	330.9	335.6	1.4	35.5	6.8	248.
22.7	71.2	7163.0	425.0	-16.5	-25.2	109.4	5.3	-5.0	1.8	332.2	336.2	1.1	35.1	7.2	250.
24.4	75.0	7627.4	400.0	-19.7	-26.8	107.3	4.4	-4.2	1.3	333.4	337.1	1.1	46.6	7.7	253.
26.1	78.9	8109.2	375.0	-19.7	-34.5	65.6	2.7	-2.5	-1.1	335.5	337.5	0.5	25.3	8.0	253.
29.0	83.7	8614.5	350.0	-23.6	-35.3	351.4	3.5	0.1	-0.5	337.0	336.8	0.5	25.7	8.1	253.
29.8	85.7	9155.7	325.0	-27.6	-40.3	4.7	2.6	-0.2	-2.6	338.6	339.9	0.3	28.3	8.1	252.
31.8	91.0	9735.7	300.0	-32.4	-44.1	20.9	5.2	-1.3	-4.8	339.8	340.7	0.2	25.8	8.4	249.
34.2	95.4	10373.6	275.0	-37.4	-48.0	42.9	6.4	-2.3	-4.7	341.1	341.8	0.2	31.8	9.1	246.
37.1	100.2	10995.0	250.0	-41.2	99.9	42.9	4.2	-2.8	-3.1	341.8	999.9	99.9	999.9	10.0	244.
39.6	105.0	11647.4	225.0	-46.4	99.9	109.4	4.7	-4.4	1.5	347.4	999.9	99.9	999.9	10.5	245.
42.7	110.4	12445.7	200.0	-52.3	99.9	85.5	4.5	-4.5	-0.3	349.9	999.9	99.9	999.9	11.2	248.
46.0	116.0	13729.9	175.0	-56.8	99.9	141.0	7.2	-4.6	5.6	356.1	999.9	99.9	999.9	12.0	251.
49.4	122.3	14281.4	150.0	-64.3	99.9	94.2	5.0	-6.0	0.4	359.3	999.9	99.9	999.9	12.8	255.
53.9	129.0	15788.7	125.0	-69.5	99.9	162.4	4.7	-1.4	4.5	369.2	999.9	99.9	999.9	13.9	257.
99.9	99.9	99.9	103.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JULY 1977  
300 GMT

118 104. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KN	AZ DG
0.0	13.1	771.0	926.5	29.4	19.1	160.0	1.6	-0.5	1.5	309.2	351.2	15.3	54.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	13.2	785.4	925.0	28.9	18.0	999.9	99.9	99.9	99.9	335.9	348.4	14.4	52.0	999.9	999.9
0.8	15.5	1029.2	900.0	29.5	15.0	999.9	99.9	99.9	99.9	311.9	345.7	12.0	41.5	999.9	999.9
1.8	17.7	1279.6	875.0	27.0	13.4	999.9	99.9	99.9	99.9	311.9	343.3	11.1	43.1	999.9	999.9
2.9	20.2	1574.9	850.0	24.7	12.7	162.1	7.9	-2.4	7.5	312.0	343.0	11.0	47.3	1.7	345.
3.9	22.4	1796.2	825.0	22.5	12.0	168.5	6.4	-1.3	6.3	312.4	342.9	10.8	51.3	2.1	345.
4.9	24.9	2067.1	800.0	19.3	10.6	176.4	5.0	-0.3	5.0	312.3	340.9	10.1	55.2	2.4	346.
5.9	27.2	2336.1	775.0	17.1	9.6	182.0	4.7	0.2	4.7	312.3	340.0	9.9	61.2	2.7	347.
7.0	29.8	2615.3	750.0	14.5	8.9	197.0	3.2	0.9	3.0	312.3	339.7	9.6	69.1	3.0	349.
8.1	32.4	2901.7	725.0	11.7	9.2	222.3	2.7	1.8	2.0	312.3	339.3	9.5	78.9	3.1	351.
9.1	35.0	3194.2	700.0	9.9	7.1	274.0	2.3	2.3	-0.2	312.3	338.2	9.1	88.3	3.2	354.
10.1	37.6	3495.2	675.0	6.4	5.1	316.1	2.8	2.0	-2.0	312.8	336.4	8.2	91.6	3.1	356.
11.1	40.3	3804.6	650.0	4.5	3.5	352.3	3.5	0.8	-3.5	314.1	336.1	7.6	92.9	2.9	358.
12.4	42.9	4123.9	625.0	2.3	1.4	3.0	5.3	-0.3	-5.3	315.1	335.1	6.8	94.0	2.6	357.
13.8	45.8	4452.9	600.0	0.2	-0.7	13.0	5.3	-1.2	-5.2	316.4	334.4	6.1	97.7	2.0	354.
15.2	48.4	4792.0	575.0	-2.5	-3.6	21.9	2.7	-1.0	-2.5	317.1	332.4	5.1	92.0	1.8	351.
16.5	51.6	5145.1	550.0	-4.1	-7.5	33.5	1.4	-0.8	-1.2	319.2	331.1	3.9	75.6	1.7	347.
18.0	54.6	5511.5	525.0	-5.2	-19.2	275.9	1.4	0.6	-1.2	322.2	327.5	1.5	33.1	1.6	347.
19.5	57.6	5897.9	500.0	-3.7	-25.2	95.6	1.4	-1.4	0.2	324.9	326.2	1.0	21.1	1.5	345.
21.1	60.9	6292.4	475.0	-0.3	-38.1	123.0	3.1	-2.6	1.6	326.5	327.5	0.3	7.4	1.7	339.
22.8	64.1	6709.7	450.0	-11.5	-37.3	125.2	3.4	-2.8	2.0	329.8	330.0	0.3	9.6	1.9	334.
24.4	67.4	7145.0	425.0	-14.3	-37.7	123.2	2.9	-2.5	1.6	330.7	331.9	0.3	11.5	2.2	329.
26.2	70.8	7601.5	400.0	-17.9	-39.7	139.4	3.3	-2.2	2.5	331.8	332.9	0.3	12.7	2.6	327.
29.3	74.5	8080.2	375.0	-21.9	-39.6	147.9	2.1	-1.1	1.8	332.6	333.8	0.3	18.2	2.9	327.
30.2	78.3	8584.2	350.0	-25.7	-37.9	99.6	1.7	-1.7	0.3	334.1	335.6	0.4	30.8	3.1	326.
32.0	82.2	9114.2	325.0	-30.6	-39.9	52.2	2.5	-2.0	-1.5	334.5	335.8	0.4	39.3	3.2	323.
34.1	86.0	9660.9	300.0	-33.3	-58.5	107.4	2.8	-2.6	0.9	339.4	338.6	0.0	5.9	3.3	217.
36.8	90.5	10297.9	275.0	-38.5	-62.6	138.0	5.8	-3.9	4.3	339.5	339.6	0.0	5.8	3.9	316.
39.8	95.2	10977.5	250.0	-43.8	99.9	124.3	7.3	-5.0	4.1	341.0	999.9	99.9	999.9	5.0	314.
42.5	100.0	11637.7	225.0	-48.2	99.9	137.4	9.3	-5.1	7.1	344.6	999.9	99.9	999.9	6.4	314.
45.4	105.0	12401.5	200.0	-53.0	99.9	154.4	4.1	-1.5	3.8	348.9	999.9	99.9	999.9	7.5	315.
48.9	110.6	13251.5	175.0	-58.7	99.9	167.4	5.2	-1.1	5.0	353.1	999.9	99.9	999.9	8.4	320.
51.1	115.8	14734.9	150.0	-65.7	99.9	93.2	3.7	-3.7	0.2	355.6	999.9	99.9	999.9	9.5	319.
57.5	123.7	15294.7	125.0	-70.5	99.9	164.2	1.8	-0.5	1.7	357.3	999.9	99.9	999.9	10.2	315.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 550  
BIG SPRING, TEXAS

9 JULY 1977  
300 GMT

108 135. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.8	791.0	924.5	29.0	17.2	120.0	1.1	-1.0	0.5	309.0	346.3	13.5	49.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
0.7	13.9	1020.2	900.0	28.5	13.3	996.9	99.9	99.9	99.9	310.9	341.0	10.7	39.2	999.9	999.9
1.5	15.9	1270.0	875.0	26.4	12.6	999.9	99.9	99.9	99.9	311.2	341.0	10.6	42.6	999.9	999.9
2.5	18.2	1525.1	850.0	24.0	12.1	159.1	6.8	-2.4	6.4	311.3	340.9	10.5	47.2	1.2	329.
3.3	20.4	1725.8	825.0	21.7	11.2	157.8	7.8	-2.9	7.2	311.5	340.5	10.2	51.4	1.6	331.
4.2	22.5	2022.1	800.0	19.4	10.3	169.9	5.8	-1.0	5.7	311.8	339.8	9.9	55.6	2.0	333.
5.2	25.0	2324.7	775.0	17.1	8.5	165.4	4.5	1.3	4.3	312.2	338.6	9.3	58.4	2.3	337.
5.2	27.2	2627.5	750.0	14.7	6.6	187.2	2.9	0.4	2.8	312.5	336.1	8.2	58.5	2.4	341.
7.1	29.7	2929.6	725.0	12.3	4.2	127.1	1.7	-1.3	1.0	312.9	333.7	7.2	57.9	2.5	341.
9.2	32.3	3177.2	700.0	10.3	2.6	79.9	2.2	-2.1	-0.4	313.9	333.2	6.6	58.9	2.6	336.
9.1	34.9	3444.9	675.0	7.9	1.2	67.4	3.5	-3.2	-1.3	314.6	332.8	6.2	63.2	2.6	335.
10.1	37.3	3795.9	650.0	6.1	-2.8	45.2	5.7	-8.0	-4.0	315.8	330.2	4.8	57.0	2.6	329.
11.1	40.0	4115.0	625.0	4.0	-9.3	42.4	7.5	-9.0	-5.5	317.1	326.4	3.0	42.0	2.5	320.
12.2	42.6	4444.7	600.0	1.6	-15.5	35.0	9.0	-4.7	-6.4	318.0	322.4	3.0	42.0	2.5	307.
13.4	45.4	4722.2	575.0	-0.9	-15.6	25.6	9.1	-5.8	-5.7	319.0	325.3	2.0	31.7	2.5	295.
14.5	48.1	5011.4	550.0	-3.6	-9.4	25.4	8.5	-5.0	-5.9	319.8	330.4	3.4	44.4	2.6	284.
15.0	51.1	5307.1	525.0	-5.5	-22.3	29.9	7.4	-2.7	-5.3	321.8	325.8	1.2	25.3	3.2	272.
17.4	54.3	5622.1	500.0	-7.2	-24.2	49.5	6.0	-3.5	-3.9	324.3	327.9	1.1	24.1	3.6	265.
18.7	57.3	5977.9	475.0	-8.6	-22.4	76.6	7.0	-8.5	-1.6	327.4	331.9	1.3	31.8	4.0	263.
20.1	60.6	6305.9	450.0	-10.4	-26.2	110.3	6.6	-6.2	2.3	330.2	332.6	1.0	25.7	4.6	264.
21.5	64.0	7143.4	425.0	-13.6	-27.6	117.7	5.2	-5.5	2.9	331.5	334.7	0.9	35.6	5.1	267.
23.0	67.3	7501.8	400.0	-17.3	-29.9	116.0	5.5	-8.0	2.4	332.5	335.3	0.8	32.1	5.6	271.
24.6	70.9	8022.2	375.0	-20.9	-28.6	106.6	3.5	-3.3	1.2	334.0	337.4	1.0	45.6	5.9	272.
25.7	74.7	8550.2	350.0	-24.0	-25.0	75.7	2.5	-1.5	-2.0	335.4	338.2	0.5	31.8	6.2	272.
25.1	78.7	9124.7	325.0	-27.8	-21.5	14.5	5.0	-1.6	-4.8	335.4	334.5	0.7	25.1	6.4	268.
29.9	82.7	9777.2	300.0	-32.0	-18.7	129.0	0.4	-0.3	0.3	340.2	340.8	0.2	18.1	6.5	269.
31.8	97.0	10304.9	275.0	-37.5	-51.6	145.9	4.5	-2.5	3.6	341.0	341.4	0.1	21.1	6.5	269.
33.8	91.6	10926.1	250.0	-42.8	99.9	136.6	5.5	-3.7	4.0	342.4	339.9	99.9	99.9	7.0	271.
35.9	95.4	11440.5	225.0	-47.0	99.9	117.2	5.7	-5.1	2.6	345.5	339.9	99.9	99.9	7.6	274.
38.1	101.6	12421.4	200.0	-52.1	99.9	127.5	6.9	-5.3	3.3	350.3	339.9	99.9	99.9	8.6	278.
40.5	127.5	17236.9	175.0	-57.0	99.9	151.0	4.0	-2.0	3.5	355.9	339.9	99.9	99.9	8.9	282.
42.9	114.0	14246.2	150.0	-61.0	99.9	999.9	99.9	99.9	99.9	359.8	339.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JULY 1977  
1500 GMT

120 102. 0

TIME MIN	CNCTY	HEIGT- GPM	PRES IN	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	977.0	915.7	27.9	16.7	150.0	5.3	-2.6	4.6	308.3	344.7	13.2	51.0	0.0	0.
99.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	95.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	15.5	1054.9	933.0	25.3	17.6	99.9	99.9	99.9	99.9	307.6	345.6	14.2	62.2	99.9	99.9
1.7	17.9	1322.2	875.0	23.3	18.5	99.9	99.9	99.9	99.9	309.0	344.1	13.1	63.0	99.9	99.9
2.6	20.4	1556.1	803.0	21.4	18.5	111.0	4.1	-3.8	1.5	310.7	343.1	11.3	53.6	0.5	332.
3.4	22.9	1814.2	725.0	21.2	12.0	122.6	5.6	-4.7	3.0	311.0	341.2	10.7	55.5	0.8	321.
4.4	25.7	2042.1	600.0	18.7	11.5	111.8	5.9	-5.5	2.2	311.1	341.3	10.7	62.9	1.1	314.
5.4	27.8	2281.9	475.0	16.0	10.4	99.1	7.5	-7.4	1.2	311.0	340.2	10.3	69.5	1.5	307.
6.5	30.4	2532.4	350.0	14.0	8.7	92.2	10.2	-10.2	0.4	311.8	332.7	9.5	70.3	2.0	298.
7.5	33.0	2817.6	225.0	11.7	4.6	97.9	11.7	-11.6	1.6	312.3	333.6	7.4	61.8	2.6	292.
8.4	35.4	3210.2	100.0	9.8	3.3	99.1	13.0	-9.9	1.6	313.4	333.7	7.0	63.9	3.2	289.
9.5	38.1	3512.4	675.0	9.1	-0.9	90.1	9.9	-3.9	-1.5	314.8	330.6	5.3	52.8	3.7	282.
10.7	40.9	3823.2	450.0	6.2	-1.4	69.4	11.4	-11.0	-4.4	315.9	331.8	5.3	58.1	4.3	282.
11.9	43.7	4137.7	325.0	3.1	-2.5	64.1	12.1	-11.1	-4.9	315.0	331.3	5.1	66.6	5.1	276.
13.1	46.5	4457.2	200.0	0.8	-3.6	69.5	11.0	-10.3	-3.9	317.1	325.0	3.6	52.5	5.9	272.
14.2	49.4	4814.5	75.0	-0.5	-5.2	52.2	8.9	-7.0	-5.4	319.4	325.9	2.0	31.7	6.5	270.
15.3	52.4	5148.0	55.0	-2.1	-20.4	47.9	5.4	-5.2	-5.6	321.6	326.1	1.4	23.2	6.9	266.
16.6	55.1	5577.2	225.0	-4.7	-15.1	72.3	5.3	-5.5	-1.8	322.9	330.1	2.3	42.9	7.4	258.
18.2	58.6	5930.0	500.0	-5.6	-18.2	57.8	6.4	-5.4	-3.4	325.0	331.0	1.8	35.1	7.9	263.
19.3	61.9	6284.5	675.0	-6.4	-20.2	71.3	5.6	-5.3	-1.9	325.3	331.7	1.6	40.9	8.5	262.
21.5	65.1	6766.6	450.0	-12.0	-27.0	72.1	4.5	-6.3	-1.2	328.2	331.4	0.9	27.3	8.9	261.
23.1	68.5	7170.2	425.0	-13.7	-29.4	80.0	5.4	-5.4	-0.1	330.2	333.2	0.9	29.9	9.4	251.
24.9	72.1	7526.5	400.0	-16.1	-29.4	75.7	7.1	-6.9	-1.4	331.5	334.4	0.8	36.0	10.1	261.
26.7	75.8	8105.6	175.0	-21.3	-37.5	85.7	4.7	-10.7	-0.4	333.4	334.9	0.4	21.5	10.8	261.
28.5	79.6	8611.4	150.0	-24.7	-41.5	129.0	4.5	-10.5	2.8	335.4	335.5	0.2	15.3	11.2	262.
30.7	83.5	9146.4	325.0	-26.6	-44.5	129.0	5.0	-10.6	3.7	337.3	338.2	0.2	19.6	11.6	268.
32.8	87.7	9715.7	300.0	-32.4	-49.2	140.4	5.2	-11.3	4.0	339.5	340.0	0.1	17.0	12.2	268.
35.1	92.0	10273.4	275.0	-36.5	-52.4	142.6	5.2	-11.7	4.4	342.3	342.7	0.1	17.4	12.6	270.
37.3	96.6	10977.7	250.0	-41.1	-59.0	169.2	7.2	-11.3	7.0	345.0	345.0	99.9	99.9	12.7	270.
40.5	101.4	11435.3	225.0	-46.5	-65.5	175.6	6.1	-10.4	6.1	347.2	347.2	99.9	99.9	13.0	275.
43.7	105.6	12459.1	300.0	-52.0	-69.9	183.0	9.4	0.4	8.4	350.4	349.9	99.9	99.9	13.3	284.
46.5	112.2	13711.0	175.0	-58.1	-99.9	212.3	3.5	1.5	3.0	354.1	349.9	99.9	99.9	13.5	290.
50.3	119.3	14244.9	150.0	-64.9	-99.9	5.4	1.6	-0.1	-1.6	358.2	349.9	99.9	99.9	13.7	287.
54.2	125.0	15247.7	125.0	-69.8	-99.9	20.0	6.2	-2.1	-5.8	370.4	349.9	99.9	99.9	13.2	284.
59.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST. TEXAS

8 JULY 1977  
1500 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM W-CLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	771.0	931.8	27.6	18.0	0.0	0.0	0.0	0.0	305.9	345.5	305.9	14.1	56.0	0.0	0.
99.9	99.9	96.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	14.6	875.2	925.0	26.6	16.5	96.3	57.9	59.9	59.9	306.6	342.7	306.6	13.3	62.6	999.9	999.9
1.1	15.9	1074.9	900.0	24.1	15.5	96.3	59.9	99.9	99.9	305.4	342.7	305.4	13.3	62.6	999.9	999.9
2.0	19.5	1327.3	875.0	22.3	15.7	99.9	99.9	99.9	99.9	307.0	342.6	307.0	12.0	66.4	999.9	999.9
3.1	21.9	1575.3	850.0	20.0	14.2	99.9	99.9	99.9	99.9	307.1	340.3	307.1	12.1	69.2	999.9	999.9
4.1	24.6	1827.3	825.0	17.8	13.4	300.3	5.4	5.6	-3.2	307.4	339.9	307.4	11.8	75.4	1.0	108.
5.0	27.0	2075.9	800.0	15.8	11.9	319.5	5.1	3.3	-3.8	309.1	339.9	309.1	11.0	72.6	1.3	114.
6.0	29.8	2324.7	775.0	14.6	11.1	342.1	2.0	0.5	-1.9	309.5	339.7	309.5	10.8	75.7	1.5	119.
7.0	32.6	2573.7	750.0	12.9	10.0	363.3	1.4	-1.4	0.1	310.5	339.6	310.5	10.3	82.6	1.5	121.
8.1	35.3	2822.2	725.0	10.4	8.6	385.7	4.1	-3.5	1.2	310.9	338.5	310.9	9.8	88.4	1.3	123.
9.5	38.0	3070.9	700.0	7.9	6.7	408.2	5.9	-5.5	1.3	311.3	336.4	311.3	8.9	91.8	0.9	131.
10.0	40.8	3319.6	675.0	6.1	4.9	57.2	6.0	-6.0	-0.3	312.5	335.8	312.5	8.1	92.3	0.6	165.
12.0	43.6	3568.4	650.0	3.4	2.0	73.4	5.8	-5.6	-1.7	312.9	332.6	312.9	6.8	90.5	0.7	202.
13.3	46.8	3817.3	625.0	1.5	-0.4	61.7	5.3	-4.7	-2.5	314.2	331.8	314.2	6.0	86.8	1.0	220.
14.6	49.9	4066.6	600.0	-0.4	-2.3	51.5	5.0	-4.4	-2.4	315.7	331.7	315.7	5.4	86.5	1.4	225.
14.1	52.8	4315.7	575.0	-2.2	-3.9	54.9	3.9	-3.2	-2.2	317.4	332.5	317.4	5.0	88.3	1.8	229.
17.6	55.9	5167.0	550.0	-3.4	-5.7	59.1	3.4	-2.9	-1.9	319.5	329.9	319.5	3.3	83.8	2.1	229.
19.1	59.1	5918.2	525.0	-5.1	-7.0	63.9	1.5	-1.5	0.1	322.3	324.3	322.3	0.6	11.9	2.4	231.
20.7	62.6	6669.0	500.0	-7.1	-8.3	195.3	0.5	0.2	0.8	324.4	323.7	324.4	1.3	28.4	2.4	232.
22.2	65.9	7420.4	475.0	-9.3	-10.1	229.0	1.3	0.5	1.6	326.5	331.1	326.5	1.4	34.4	2.2	235.
23.8	69.4	8171.8	450.0	-12.4	-12.4	150.2	1.5	-0.5	1.4	327.6	330.4	327.6	0.5	24.4	2.1	237.
25.4	72.9	8923.2	425.0	-14.0	-14.1	124.6	2.9	-2.4	1.7	331.0	332.8	331.0	0.2	16.2	2.2	242.
27.3	76.7	9674.7	400.0	-17.7	-17.2	90.8	2.8	-2.8	0.0	332.0	333.4	332.0	0.4	16.2	2.4	247.
29.2	80.6	10426.2	375.0	-22.2	-22.2	150.3	4.9	-2.4	4.3	332.2	333.0	332.2	0.2	13.2	2.7	253.
31.0	84.7	11177.7	350.0	-25.9	-25.9	43.7	8.9	-2.5	8.5	333.8	334.7	333.8	0.2	16.9	2.8	259.
33.1	88.7	11929.2	325.0	-29.9	-29.9	164.5	5.2	-2.2	9.0	335.9	337.3	335.9	0.1	9.8	3.3	290.
35.4	93.2	12680.7	300.0	-33.3	-33.5	177.7	6.5	-0.3	6.8	338.5	338.8	338.5	0.1	11.0	4.0	304.
37.7	97.9	13432.2	275.0	-37.5	-37.2	154.4	6.5	1.8	6.2	343.9	341.1	343.9	0.1	10.6	4.4	314.
40.0	102.6	14183.7	250.0	-42.7	-42.7	190.8	9.9	1.7	9.7	343.2	343.2	343.2	99.9	999.9	5.0	324.
42.5	107.3	14935.2	225.0	-48.0	-48.0	234.2	9.2	3.4	7.5	348.9	348.9	348.9	99.9	999.9	6.0	334.
45.2	112.3	15686.7	200.0	-53.1	-53.1	101.6	6.1	9.6	3.9	348.7	348.7	348.7	99.9	999.9	7.0	345.
48.6	119.3	16438.2	175.0	-59.4	-59.4	237.9	5.8	4.3	3.9	352.0	349.9	352.0	99.9	999.9	8.3	355.
52.3	125.8	17189.7	150.0	-65.0	-65.0	95.9	27.0	1.8	0.1	355.2	349.9	355.2	99.9	999.9	8.1	359.
56.3	132.7	17941.2	125.0	-71.2	-71.2	55.1	1.9	-1.5	-1.1	356.0	349.9	356.0	99.9	999.9	8.0	1.
61.5	139.8	18692.7	100.0	-65.7	-65.7	99.9	99.9	99.9	99.9	402.8	349.9	402.8	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	95.0	95.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 440  
ROBERT LEE, TEXAS

8 JULY 1977  
1452 GMT

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TIME MIN	CNTCT	HFIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PCT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	525.0	950.2	29.4	20.7	150.0	0.6	-0.3	3.5	306.0	350.4	16.4	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.0	99.9	59.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.0	10.6	525.0	950.2	29.4	20.7	150.0	0.6	-0.3	3.5	306.0	350.4	16.4	63.0	0.0	0.
0.7	12.4	922.9	925.0	28.3	19.3	999.9	99.9	59.9	99.9	305.9	353.2	16.4	63.1	999.9	999.9
1.4	14.7	1051.2	900.0	22.4	18.5	999.9	99.9	59.9	99.9	304.8	346.5	15.5	71.1	999.9	999.9
2.2	16.5	1208.7	875.0	20.4	18.3	999.9	99.9	59.9	99.9	304.8	345.4	15.1	77.6	999.9	999.9
3.3	18.0	1559.4	850.0	19.3*	14.7	999.9	99.9	59.9	99.9	305.4	340.6	12.5	67.9	999.9	999.9
4.4	20.9	1817.0	825.0	19.0	13.6	999.9	99.9	59.9	99.9	308.7	342.0	12.0	71.0	999.9	999.9
5.5	23.3	2031.2	800.0	16.9	12.1	111.9	5.4	-5.0	2.0	305.2	340.5	11.2	73.5	0.4	320.
6.7	25.5	2332.0	775.0	14.8	11.5	58.9	6.0	-6.0	0.6	309.8	340.9	11.1	80.5	0.8	302.
7.9	27.8	2626.0	750.0	12.3	10.1	78.0	7.3	-7.1	-1.5	310.0	336.3	10.5	86.4	1.2	298.
9.1	30.2	2917.0	725.0	10.0	8.2	77.7	7.1	-6.9	-1.8	310.5	337.2	9.5	88.2	1.7	278.
10.3	32.9	3204.4	700.0	7.3	5.3	76.4	6.0	-5.8	-1.6	311.2	336.2	8.1	84.2	2.1	273.
11.5	35.3	3508.2	675.0	6.0	2.8	89.1	7.3	-7.3	-0.1	312.4	332.6	7.0	80.1	2.5	271.
12.6	37.8	3813.7	650.0	4.6	1.2	95.9	8.1	-8.0	1.2	314.2	333.2	6.5	75.2	3.1	272.
13.8	40.4	4122.5	625.0	2.1	0.7	94.9	7.4	-7.3	0.9	314.5	333.9	6.5	50.5	3.7	273.
15.1	43.0	4441.1	600.0	-0.2	-1.3	101.9	7.0	-6.9	1.4	315.8	333.0	5.8	52.3	4.2	273.
16.5	45.9	4801.8	575.0	-1.2	-7.2	103.9	5.6	-6.4	1.6	318.7	330.5	3.9	63.2	4.8	275.
17.9	48.8	5154.0	550.0	-2.1	-14.9	103.2	5.1	-5.9	1.4	321.6	328.7	2.2	37.2	5.3	275.
19.4	51.6	5521.0	525.0	-3.5	-17.5	105.0	5.7	-5.5	1.6	324.2	330.2	1.8	32.7	5.8	277.
20.9	54.8	5908.9	500.0	-5.6	-23.9	97.1	5.9	-5.9	0.7	325.3	330.0	1.1	22.0	6.3	277.
22.5	57.8	6329.0	475.0	-6.4	-32.6	55.4	3.9	-3.9	0.4	327.5	329.4	0.5	12.1	6.8	277.
24.3	61.1	6721.9	450.0	-11.5	-32.1	103.9	3.8	-3.6	0.9	328.8	330.8	0.6	16.2	7.2	277.
26.0	64.6	7141.6	425.0	-14.3	-27.7	100.6	4.1	-4.0	0.8	330.7	333.9	0.9	30.8	7.6	277.
27.7	68.0	7618.5	400.0	-17.5	-31.4	121.9	3.8	-3.2	2.0	332.1	334.5	0.7	28.7	8.0	277.
29.4	71.6	8097.8	375.0	-21.6	-33.9	143.6	8.7	-4.4	7.5	333.0	334.2	0.3	17.4	8.4	290.
31.5	75.5	8603.7	350.0	-24.6	-44.6	145.7	11.5	-5.9	9.8	335.7	336.4	0.2	13.5	9.4	287.
33.9	79.7	9134.0	325.0	-29.3	-46.4	137.5	11.2	-7.6	8.3	335.3	337.0	0.2	17.2	10.7	292.
36.3	83.8	9704.5	300.0	-33.6	-53.4	120.5	9.5	-7.3	6.2	338.0	338.5	0.1	16.4	12.1	294.
38.5	88.2	10311.1	275.0	-37.1	-54.6	140.8	9.7	-5.5	6.8	341.5	341.8	0.1	14.2	13.3	296.
41.3	93.0	10963.5	250.0	-41.8	59.9	161.5	9.2	-2.9	8.8	343.9	596.9	99.9	999.9	14.6	300.
43.9	98.0	11659.7	225.0	-45.7	99.9	181.5	5.9	0.2	5.9	346.9	999.9	99.9	999.9	15.4	303.
46.9	103.5	12440.2	200.0	-53.0	99.9	174.8	5.5	-0.1	5.5	348.8	999.9	99.9	999.9	15.9	306.
50.5	109.9	13287.6	175.0	-59.2	99.9	202.6	4.2	1.6	3.9	352.2	999.9	99.9	999.9	16.6	310.
54.2	114.3	14233.0	150.0	-65.9	99.9	37.8	2.2	-1.4	-1.8	350.6	999.9	99.9	999.9	16.3	310.
58.3	124.0	15337.4	125.0	-70.4	99.9	54.5	5.5	-5.4	-3.6	367.5	999.9	99.9	999.9	16.9	306.
63.2	132.5	16455.5	100.0	-70.1	99.9	99.9	99.9	99.9	99.9	392.3	999.9	99.9	999.9	999.9	999.9
69.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

8 JULY 1977  
1500 GMT

128 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	791.0	925.1	26.5	21.0	200.0	3.6	1.2	3.4	306.1	352.6	17.2	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	13.4	810.5	925.0	26.5*	99.9	999.9	99.9	99.9	99.9	305.4	999.9	99.9	999.9	999.9	999.
0.6	15.8	1051.0	900.0	24.1*	99.9	999.9	99.9	99.9	99.9	306.4	999.9	99.9	999.9	999.9	999.
1.4	18.2	1207.0	875.0	22.3	14.6	999.9	99.9	99.9	99.9	307.0	340.1	12.0	61.5	999.9	999.
2.3	20.6	1549.6	850.0	21.7	13.2	233.2	0.6	0.5	0.3	308.9	340.4	11.3	58.2	0.7	30.
3.2	23.1	1808.2	825.0	20.0	12.0	102.7	3.0	-2.9	0.7	309.8	340.0	10.8	60.1	0.7	25.
4.2	25.6	2073.7	800.0	17.9	11.2	104.4	4.7	-4.5	1.2	310.2	339.8	10.6	65.0	0.7	3.
5.3	28.2	2344.5	775.0	15.7	10.5	103.1	4.8	-4.7	1.1	310.7	339.9	10.4	71.4	0.8	340.
5.4	30.9	2622.5	750.0	13.5	9.2	89.4	10.8	-10.8	-0.1	311.2	338.9	9.8	75.0	1.1	320.
7.5	33.7	2907.8	725.0	11.4	8.9	37.2	13.4	-13.4	-0.6	312.0	340.2	10.0	84.6	1.8	295.
8.6	36.3	3200.4	700.0	9.2	3.0	90.5	10.0	-10.0	0.1	312.7	332.5	6.8	65.1	2.5	287.
9.7	39.2	3501.1	675.0	7.5	-1.2	85.5	9.7	-9.7	-0.6	314.0	329.4	5.2	53.9	3.1	284.
10.3	42.0	3811.5	650.0	5.9	-5.5	71.8	8.4	-7.9	-2.6	315.7	327.6	3.9	43.7	3.7	280.
12.0	45.0	4131.0	625.0	3.0	-9.7	64.4	9.0	-7.2	-3.4	315.9	324.9	2.9	38.5	4.2	275.
13.1	48.1	4460.8	600.0	1.0	-11.8	73.2	6.9	-6.6	-2.0	317.2	325.3	2.6	37.7	4.6	273.
14.4	51.0	4802.2	575.0	-0.1	-14.4	64.7	7.3	-6.6	-3.1	317.9	326.8	2.2	33.0	5.1	270.
15.6	54.3	5157.2	550.0	-2.2	-13.7	59.1	4.9	-4.2	-2.5	321.5	329.2	2.4	40.7	5.5	268.
17.1	57.4	5525.6	525.0	-4.3	-12.1	73.4	5.2	-5.1	-1.1	323.3	332.4	2.9	54.6	5.9	267.
18.6	60.9	5902.9	500.0	-6.7	-18.4	61.3	5.3	-5.3	0.1	324.9	330.8	1.8	38.4	6.4	266.
20.1	64.4	6307.1	475.0	-9.6	-22.1	100.7	4.1	-4.0	0.8	325.1	330.7	1.4	35.1	6.8	267.
21.5	67.9	6723.4	450.0	-11.8	-24.8	96.3	3.4	-3.4	0.4	328.4	332.3	1.1	33.0	7.1	268.
23.0	71.3	7159.2	425.0	-14.3	-29.3	71.5	4.3	-4.1	-1.4	330.7	333.5	0.8	26.5	7.4	267.
24.6	75.3	7614.1	400.0	-18.0	-31.2	108.5	3.4	-3.3	1.1	331.5	334.1	0.7	30.2	7.8	267.
26.2	79.3	8095.7	375.0	-21.3	-34.9	143.6	7.7	-4.5	6.2	333.5	335.4	0.5	27.9	8.2	270.
28.1	83.4	8602.2	350.0	-23.9	-40.5	144.0	11.1	-5.5	9.0	335.5	337.7	0.3	15.8	9.0	275.
29.9	87.6	9133.1	325.0	-25.4	-44.1	180.5	8.8	0.1	8.8	337.6	338.5	0.2	20.1	9.3	282.
31.8	92.2	9707.8	300.0	-32.5	-47.9	142.3	6.2	-3.8	4.9	339.5	340.2	0.2	19.7	9.8	286.
33.7	96.8	10314.1	275.0	-35.4	-52.5	153.8	6.2	-2.8	5.6	342.5	342.9	0.1	17.0	10.3	288.
35.9	101.8	10970.0	250.0	-40.9	99.9	190.9	7.3	1.4	7.2	345.2	999.9	99.9	999.9	10.8	292.
38.1	107.3	11678.1	225.0	-46.4	99.9	174.7	8.9	-0.8	8.9	347.4	999.9	99.9	999.9	11.1	298.
40.4	113.0	12450.5	200.0	-51.8	99.9	170.9	8.2	-1.3	8.1	350.7	999.9	99.9	999.9	11.8	302.
43.0	119.0	13304.2	175.0	-58.0	99.9	227.3	6.1	4.5	4.2	354.3	999.9	99.9	999.9	12.3	307.
45.9	125.8	14265.1	150.0	-63.3	99.9	341.3	2.1	0.7	-2.0	361.1	999.9	99.9	999.9	11.6	309.
49.3	133.0	15370.9	125.0	-67.4	99.9	23.7	3.8	-1.8	-3.3	372.9	999.9	99.9	999.9	11.2	306.
53.2	140.0	16702.2	100.0	-69.4	99.9	999.9	99.9	99.9	99.9	395.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

8 JULY 1977  
1800 GMT

120 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	973.0	919.4	31.1	15.1	110.0	7.2	-6.8	2.5	311.9	345.1	11.9	38.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.5	15.5	1054.4	900.0	29.2	15.7	999.9	99.9	99.9	99.9	311.7	347.0	12.6	44.0	999.9	999.
1.1	17.8	1304.7	875.0	26.7	15.2	999.9	99.9	99.9	99.9	311.5	346.7	12.6	45.4	999.9	999.
2.0	20.2	1550.2	850.0	24.4	14.3	99.0	8.7	-8.7	1.2	311.7	345.9	12.2	53.2	1.0	274.
2.9	22.6	1920.8	825.0	21.7	12.9	105.7	3.7	-8.4	2.4	311.5	343.7	11.5	57.5	1.5	277.
3.8	25.1	2084.8	800.0	18.9	11.4	104.6	9.5	-9.2	2.1	311.3	341.3	10.7	61.8	2.0	279.
4.6	27.6	2749.2	775.0	16.4	10.7	103.5	5.6	-6.4	1.4	311.5	341.2	10.5	69.0	2.4	280.
5.9	30.1	2577.7	750.0	13.4	8.5	107.3	5.5	-5.2	1.6	311.6	338.2	9.4	70.5	2.8	281.
7.1	32.7	2927.8	725.0	11.2	6.5	107.7	6.5	-5.2	2.0	311.7	335.7	8.4	72.8	3.3	282.
9.1	35.7	3215.6	700.0	9.4	4.2	101.6	6.6	-6.5	1.3	313.1	334.6	7.4	69.1	3.7	282.
9.1	38.0	3517.1	675.0	7.9	2.0	100.8	5.9	-5.8	1.1	314.5	333.8	6.6	66.6	4.0	282.
10.1	40.7	3827.8	650.0	6.0	-0.9	99.8	6.0	-6.0	0.1	315.8	332.3	5.6	61.4	4.4	282.
11.1	43.4	4149.0	625.0	3.2	-2.1	79.1	6.5	-6.4	-1.2	316.1	331.7	5.3	66.1	4.7	280.
12.1	46.3	4477.7	600.0	0.3	-3.1	74.7	7.2	-6.9	-1.9	316.5	331.7	5.1	77.8	5.1	278.
13.4	49.2	4819.0	575.0	-2.2	-3.9	71.9	7.1	-6.7	-2.2	317.4	332.6	5.0	88.8	5.6	276.
14.9	52.2	5170.4	550.0	-3.8	-11.2	72.5	6.3	-5.0	-1.9	319.6	328.5	2.8	54.0	6.2	274.
16.6	55.3	5577.6	525.0	-4.5	-14.1	81.7	6.2	-6.1	-0.9	323.1	330.9	2.5	46.9	6.7	272.
17.8	58.4	5920.9	500.0	-5.6	-20.0	77.3	5.0	-4.8	-1.1	325.0	330.1	1.6	33.4	7.2	271.
19.2	61.6	6710.6	475.0	-9.2	-24.5	83.3	5.0	-4.9	-0.6	326.6	330.4	1.1	27.6	7.6	271.
20.7	64.9	5776.0	450.0	-11.7	-27.8	84.5	5.7	-5.6	-0.5	328.6	331.6	0.9	24.6	8.0	270.
22.2	68.3	7172.2	425.0	-14.2	-29.4	80.2	6.2	-6.1	-1.0	330.7	333.5	0.8	26.2	8.6	270.
23.7	72.0	7627.1	400.0	-17.5	-32.0	114.1	4.4	-4.0	1.8	332.3	334.6	0.6	26.6	9.0	270.
25.2	75.6	9110.0	375.0	-20.2	-39.4	155.9	6.8	-2.8	6.2	334.8	336.1	0.3	16.1	9.3	272.
26.6	79.3	8617.4	350.0	-24.2	-41.8	154.5	7.7	-3.3	6.9	336.1	337.2	0.3	17.6	9.6	276.
28.3	83.3	9157.1	325.0	-29.5	-45.6	149.2	6.0	-3.2	5.1	337.4	336.1	0.2	17.4	10.0	279.
30.1	87.3	9722.7	300.0	-32.3	-48.7	143.7	5.5	-3.3	4.4	339.9	340.5	0.1	17.5	10.4	282.
31.9	91.7	10370.2	275.0	-37.2	-52.7	148.9	3.6	-1.9	3.1	341.3	341.7	0.1	17.9	10.9	283.
33.9	96.2	10982.9	250.0	-41.8	99.9	156.9	4.1	-1.6	3.8	343.9	999.9	99.9	999.9	11.0	285.
35.0	101.0	11687.9	225.0	-46.7	99.9	165.9	4.1	-1.0	3.9	346.9	999.9	99.9	999.9	11.2	288.
36.1	106.2	12457.3	200.0	-52.9	99.9	192.0	3.5	0.1	3.5	349.1	999.9	99.9	999.9	11.6	289.
40.7	111.8	13307.7	175.0	-58.8	99.9	257.7	2.0	1.9	0.4	352.9	999.9	99.9	999.9	11.4	292.
43.5	117.8	14241.3	150.0	-65.3	99.9	1.2	5.1	-0.1	-5.1	357.5	999.9	99.9	999.9	11.2	289.
46.6	124.5	15354.6	125.0	-70.4	99.9	82.7	5.9	-6.7	-0.9	367.5	999.9	99.9	999.9	11.7	286.
51.0	132.0	16679.4	100.0	-67.2	99.9	999.9	99.9	99.9	99.9	395.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

8 JULY 1977  
1800 GMT

123 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GP/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	771.0	931.9	29.9	18.7	343.0	9.5	3.2	-8.9	339.2	349.8	14.7	51.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.1	14.5	837.1	925.0	29.2*	99.9	999.9	99.9	99.9	99.9	309.1	999.9	99.9	999.9	999.9	999.
1.0	16.8	1078.1	900.0	23.3	15.8	999.9	99.9	99.9	99.9	305.5	340.1	12.7	62.9	999.9	999.
1.8	19.3	1323.4	875.0	20.6	14.7	2.3	11.1	-0.4	-11.1	305.2	338.3	12.1	68.8	1.3	193.
2.6	21.6	1573.9	850.0	19.2	11.6	356.9	9.5	0.5	-9.5	306.3	334.6	10.2	61.7	1.8	189.
3.5	24.1	1870.3	825.0	17.8	9.1	354.4	9.0	0.6	-9.0	307.4	332.1	8.8	56.8	2.3	186.
4.4	26.4	2097.2	800.0	16.0	8.1	352.9	7.9	1.0	-7.8	308.2	332.3	8.5	59.4	2.8	184.
5.3	29.1	2342.1	775.0	13.4	10.0	337.5	4.6	1.3	-4.2	308.2	336.2	10.1	60.1	3.3	182.
6.2	31.8	2639.4	750.0	11.5	9.7	237.4	1.2	1.1	-0.4	309.1	337.7	10.2	68.7	3.4	180.
7.9	34.6	2921.9	725.0	9.5	8.2	152.2	2.5	-1.1	2.2	210.0	336.9	9.5	91.1	3.3	180.
8.7	37.1	3212.9	700.0	7.1	4.5	147.6	4.4	-2.6	3.5	310.4	332.1	7.6	83.5	3.2	182.
9.9	40.0	3512.2	675.0	6.5	2.3	135.5	5.1	-3.6	3.7	312.9	332.5	6.7	74.9	2.9	186.
11.0	42.7	3822.0	650.0	4.6	0.6	119.7	4.8	-4.1	2.4	314.2	332.3	6.2	75.0	2.8	193.
12.2	45.5	4141.0	625.0	2.5	-0.1	111.0	4.3	-4.0	1.5	315.3	333.2	6.1	82.9	2.7	199.
13.4	48.6	4470.2	600.0	0.2	-2.9	95.5	3.7	-3.7	0.4	316.4	331.9	5.2	79.4	2.8	205.
14.8	51.5	4810.8	575.0	-1.7	-5.0	80.5	3.7	-3.6	-0.6	318.0	331.9	4.6	78.3	2.9	211.
16.0	54.6	5147.4	550.0	-3.2	-10.7	125.1	2.7	-2.2	1.5	320.3	330.0	3.1	56.6	3.1	214.
17.5	57.6	5531.4	525.0	-4.0	-22.2	122.8	2.5	-0.8	2.4	323.7	327.8	1.2	22.8	2.9	219.
19.2	61.0	5914.5	500.0	-6.3	-20.4	171.9	2.0	-0.3	2.0	325.3	330.3	1.5	31.7	2.8	222.
20.7	64.4	6314.0	475.0	-8.0	-27.2	183.9	1.4	0.1	1.4	327.0	329.9	0.9	21.0	2.7	224.
22.2	67.6	6730.5	450.0	-11.5	-28.9	133.4	1.1	-0.9	0.8	328.7	331.5	0.8	22.1	2.6	226.
23.7	71.0	7165.5	425.0	-14.0	-36.5	98.5	1.4	-1.4	0.2	331.0	332.4	0.4	12.9	2.7	229.
25.3	74.7	7627.5	400.0	-17.7	-37.4	191.9	2.3	0.5	2.3	332.0	333.4	0.4	15.9	2.7	230.
27.0	78.5	8100.9	375.0	-21.5	-38.0	150.2	7.7	0.0	7.7	333.2	334.6	0.4	21.2	2.3	238.
28.2	82.3	8607.7	350.0	-25.2	-43.7	178.6	10.6	-0.3	10.6	334.3	335.2	0.2	16.3	2.0	266.
30.8	86.2	9140.1	325.0	-29.7	-46.5	166.5	10.7	-2.5	10.4	335.7	336.4	0.2	17.6	2.5	298.
32.9	90.5	9704.4	300.0	-33.7	-50.3	172.7	7.8	-1.0	7.7	337.2	338.3	0.1	16.9	3.4	313.
35.3	95.0	10311.2	275.0	-37.9	-54.0	180.0	9.3	0.0	9.3	340.4	340.7	0.1	16.5	4.2	324.
37.4	99.4	10951.3	250.0	-42.2	99.9	185.4	11.6	1.1	11.6	342.4	999.9	99.9	999.9	5.4	333.
39.6	104.0	11664.8	225.0	-47.6	99.9	189.9	10.1	1.6	9.9	345.6	999.9	99.9	999.9	6.7	341.
42.3	109.5	12471.6	200.0	-53.7	99.9	207.4	11.3	4.5	10.3	347.8	999.9	99.9	999.9	8.1	348.
45.6	115.0	13279.6	175.0	-59.1	99.9	242.6	3.2	2.9	1.5	352.4	999.9	99.9	999.9	9.3	355.
49.6	121.0	14277.9	150.0	-64.7	99.9	323.0	3.0	1.6	-2.6	359.6	999.9	99.9	999.9	9.4	357.
52.6	128.0	15322.8	125.0	-69.8	99.9	45.9	3.6	-3.5	-1.6	368.5	999.9	99.9	999.9	8.6	356.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
 ROBERT LEE, TEXAS  
 8 JULY 1977  
 1750 GMT

123 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
5.0	10.7	585.0	549.9	31.9	20.7	180.0	1.6	0.0	1.6	309.5	354.7	16.5	52.0	0.0	0.
99.9	99.0	1000.0	599.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	675.0	599.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	559.9	599.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.9	12.9	822.7	525.0	27.5	17.7	91.6	3.5	-3.6	0.1	307.4	345.6	13.9	55.2	0.3	253.
1.7	15.1	1045.3	900.0	25.5	16.8	107.5	3.4	-3.2	1.0	307.8	345.1	13.6	58.6	0.4	264.
2.6	17.2	1312.7	875.0	23.3	15.5	132.9	3.2	-2.3	2.2	308.0	344.2	13.1	63.1	0.6	273.
3.3	19.5	1555.4	850.0	21.0	16.1	144.9	3.5	-2.0	2.8	308.1	345.8	13.7	73.8	0.7	283.
4.1	21.7	1823.7	825.0	18.4	16.0	143.6	5.0	-3.0	4.0	308.0	346.5	14.0	85.2	0.8	292.
5.2	24.1	2057.7	800.0	17.1	10.4	133.6	5.8	-4.9	4.7	309.4	337.4	10.0	64.9	1.2	301.
6.5	26.4	2359.1	775.0	14.7	10.1	117.0	7.9	-7.1	3.6	309.6	336.0	10.1	74.0	1.7	302.
7.6	29.9	2674.9	750.0	12.3	3.4	113.3	7.6	-5.9	3.0	310.0	335.2	9.3	76.7	2.3	300.
8.9	31.5	2919.2	725.0	10.6	5.5	120.4	6.7	-5.8	3.4	311.1	333.6	7.9	70.3	2.8	299.
10.3	34.0	3211.0	700.0	9.1	1.4	117.1	7.2	-6.4	3.3	312.5	330.3	6.1	66.5	3.4	300.
11.5	35.4	3512.5	675.0	8.2	2.0	98.8	6.3	-6.3	1.0	314.9	334.2	6.6	64.9	3.9	298.
12.6	39.1	3823.1	650.0	5.6	1.1	97.6	5.3	-6.2	0.8	315.3	334.2	6.4	73.1	4.3	296.
13.8	41.7	4142.9	625.0	2.9	-2.3	101.3	5.7	-5.5	1.1	315.7	331.2	5.2	68.7	4.7	294.
14.9	44.4	4472.5	600.0	0.6	-5.5	94.7	4.2	-4.2	0.5	316.9	329.7	4.2	63.4	5.0	294.
16.2	47.4	4813.4	575.0	-1.4	-7.2	62.5	3.5	-3.1	-1.5	318.3	320.2	3.9	64.8	5.3	292.
17.7	50.3	5165.9	550.0	-2.5	-14.6	75.4	4.5	-4.4	-1.1	321.2	328.3	2.2	38.6	5.5	290.
19.1	53.7	5535.4	525.0	-3.4	-19.5	82.9	6.1	-6.1	-0.1	322.9	325.4	1.7	30.7	5.9	288.
20.5	56.1	5919.0	500.0	-5.8	-23.0	92.5	6.9	-6.9	0.3	325.9	330.0	1.2	24.2	6.4	286.
21.9	59.3	6319.2	475.0	-8.1	-29.8	90.6	6.3	-6.3	0.1	327.9	330.3	0.7	15.5	7.0	285.
23.5	62.7	6735.4	450.0	-11.0	-39.1	94.1	5.9	-5.8	0.6	328.3	331.0	0.8	22.4	7.5	284.
25.0	65.0	7171.0	425.0	-13.3	-47.3	109.6	3.2	-3.0	1.0	331.3	332.6	0.4	11.6	7.9	284.
26.5	69.5	7620.6	400.0	-17.3	-50.3	127.4	5.5	-2.1	5.1	332.5	333.5	0.3	11.5	8.2	289.
28.3	73.0	8110.7	375.0	-19.8	-52.5	153.1	8.8	-4.0	7.9	335.3	336.2	0.2	11.2	8.8	289.
30.6	75.8	8519.0	350.0	-24.5	-54.5	138.4	6.8	-4.5	5.1	335.8	335.6	0.2	13.5	9.6	293.
32.8	80.7	9154.1	325.0	-27.7	-53.5	131.2	7.6	-5.7	5.0	338.8	329.1	0.1	11.6	10.5	295.
34.9	84.3	9724.6	300.0	-32.1	-52.2	114.4	8.3	-7.6	3.4	340.2	340.6	0.1	11.4	11.5	296.
37.1	89.2	10333.3	275.0	-37.1	-55.2	122.2	5.8	-4.9	3.1	341.5	341.8	0.1	13.0	12.5	296.
39.5	94.0	10988.4	250.0	-42.0	99.9	135.2	2.0	-1.4	1.4	343.7	999.9	99.9	955.9	13.0	297.
41.9	98.8	11650.0	225.0	-47.5	99.9	130.5	2.0	-1.5	1.3	345.8	999.9	99.9	999.9	13.3	297.
44.8	104.0	12459.3	200.0	-53.6	99.9	117.3	3.0	-2.7	1.4	347.9	999.9	99.9	999.9	13.8	297.
48.1	109.8	13707.1	175.0	-59.2	99.9	140.8	1.4	-3.9	1.1	352.2	999.9	99.9	999.9	14.3	298.
51.4	115.8	14257.5	150.0	-65.8	99.9	161.0	5.6	-1.5	-5.4	356.7	999.9	99.9	999.9	14.1	296.
55.3	123.0	15344.1	125.0	-72.2	99.9	72.7	5.0	-4.5	-1.5	364.3	999.9	99.9	999.9	14.5	293.
60.0	130.5	16669.9	100.0	-68.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

8 JULY 1977  
1800 GMT

126 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	731.0	928.1	33.0	22.1	10.0	8.2	-1.4	-3.1	312.8	363.9	18.4	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.0	14.1	811.1	925.0	32.8*	99.9	999.9	99.9	99.9	99.9	312.9	999.9	99.9	999.9	999.9	999.
0.7	15.3	1054.8	900.0	26.1	15.2	999.9	99.9	99.9	99.9	308.5	342.2	12.2	51.0	999.9	999.
1.4	13.6	1302.5	875.0	24.0	15.0	999.9	99.9	99.9	99.9	308.7	342.9	12.4	57.1	999.9	999.
2.5	21.3	1555.6	850.0	21.5	14.5	90.0	3.5	-3.4	-0.6	308.7	342.9	12.4	64.5	0.8	218.
3.6	23.9	1814.2	825.0	19.6	14.5	66.9	4.3	-4.3	-0.2	309.3	344.6	12.7	72.7	1.0	228.
4.5	26.4	2078.9	800.0	17.2	14.8	93.4	3.4	-3.4	0.2	309.5	346.5	13.4	85.7	1.2	235.
5.4	29.1	2349.8	775.0	14.5	13.5	93.3	3.3	-3.3	0.2	305.4	344.7	12.7	93.7	1.3	240.
5.3	31.9	2627.4	750.0	12.9	11.9	95.3	2.3	-2.3	0.2	310.6	343.6	11.8	93.6	1.4	243.
6.9	34.8	2912.3	725.0	11.6	10.7	129.9	3.1	-2.4	2.0	312.2	344.1	11.3	94.1	1.5	245.
7.4	37.4	3206.7	700.0	10.2	9.3	142.8	4.3	-2.6	3.4	313.8	344.0	10.6	94.2	1.6	250.
7.9	40.3	3509.6	675.0	8.2	7.4	146.4	5.2	-2.9	4.4	314.9	342.7	9.7	94.7	1.6	255.
8.5	43.0	3820.2	650.0	4.9	4.2	139.5	5.6	-3.6	4.2	314.5	337.8	8.0	95.4	1.7	262.
9.0	46.1	4139.0	625.0	2.7	1.8	121.2	5.5	-4.7	2.8	315.6	336.1	7.0	92.7	1.8	268.
9.6	49.7	4469.6	600.0	0.9	0.0	100.5	6.2	-6.1	1.1	317.0	336.0	6.4	95.0	2.0	269.
10.1	52.1	4811.2	575.0	-1.2	-1.9	94.0	6.7	-6.7	0.5	318.6	335.9	5.8	94.9	2.2	269.
10.6	55.3	5165.4	550.0	-2.4	-3.1	92.6	6.6	-6.6	0.3	321.2	339.1	5.5	94.8	2.4	269.
11.1	58.6	5536.1	525.0	-2.5	-3.3	92.8	5.7	-5.7	0.3	325.4	343.0	5.7	94.1	2.6	269.
11.3	62.0	5919.8	500.0	-6.5	-7.5	91.6	5.0	-5.0	0.1	325.1	338.7	4.4	92.8	2.8	270.
12.4	65.3	6321.4	475.0	-6.6	-7.6	92.3	4.8	-4.8	0.2	329.8	344.3	4.6	92.7	2.9	270.
13.1	68.9	6743.9	450.0	-7.9	-9.1	100.1	4.8	-7.7	1.2	323.3	347.0	4.3	91.3	3.1	270.
14.1	72.3	7195.5	425.0	-12.4	-13.9	100.3	4.4	-3.9	2.8	303.0	343.1	3.1	88.5	3.4	272.
14.7	76.0	7666.0	400.0	-14.5*	-16.2	139.7	4.6	-3.0	3.5	335.2	345.3	2.7	86.9	3.5	274.
15.6	80.0	8137.9	375.0	-17.6*	-19.5	136.9	5.9	-4.7	5.1	333.3	345.5	2.1	82.0	3.7	277.
16.5	83.8	8647.8	350.0	-20.8	-24.4	134.0	10.3	-6.9	7.7	340.7	346.0	1.5	72.7	4.1	282.
17.6	87.8	9194.1	325.0	-29.0	-37.8	145.3	10.7	-6.1	8.9	325.7	338.3	0.4	42.3	4.7	287.
19.6	92.4	9752.3	300.0	-32.5	-47.0	150.3	6.8	-2.3	6.4	329.6	340.3	0.2	21.6	5.5	295.
21.8	96.8	10360.8	275.0	-34.1	-51.2	158.9	5.7	-2.0	5.3	342.9	343.4	0.1	19.2	5.9	300.
23.9	101.6	11016.3	250.0	-40.8	99.9	161.0	10.2	1.9	10.0	345.4	999.9	99.9	999.9	6.5	309.
26.0	106.8	11725.1	225.0	-45.9	99.9	153.9	5.3	-2.3	4.7	343.3	999.9	99.9	999.9	7.2	314.
28.5	112.3	12499.5	200.0	-50.8	99.9	191.5	5.5	1.3	6.5	352.3	999.9	99.9	999.9	7.8	316.
31.0	119.0	13355.5	175.0	-56.8	99.9	307.4	3.1	2.5	-1.9	356.1	999.9	99.9	999.9	8.3	321.
34.0	124.8	14314.9	150.0	-52.9	99.9	47.7	4.5	-3.3	-3.0	361.6	999.9	99.9	999.9	7.6	321.
37.2	131.7	15427.3	125.0	-68.2	99.9	95.3	5.8	-5.7	0.5	371.5	999.9	99.9	999.9	7.6	314.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

8 JULY 1977  
2100 GMT

38 570. 0

TIME MIN	CNTCT	HEIGHT GPR	PRES MB	TEMP DG C	SEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	677.0	913.1	25.9	16.1	40.0	9.3	-6.0	-7.1	309.5	344.7	12.7	46.0	0.0	0.
99.9	99.0	1000.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.0	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	15.0	1019.5	500.0	26.4	16.4	99.9	99.9	99.9	99.9	308.7	345.1	12.2	54.5	999.9	999.9
1.2	18.4	1297.7	975.0	24.1	15.2	99.9	99.9	99.9	99.9	308.8	343.5	12.5	57.4	999.9	999.9
1.9	20.9	1561.0	950.0	21.7	13.9	51.8	5.4	11.9	-3.0	308.2	341.8	11.9	61.4	999.9	999.9
2.2	23.3	1806.6	925.0	19.2	12.7	58.6	6.7	-5.7	-3.5	308.9	340.4	11.3	66.1	999.9	999.9
2.7	25.3	2072.1	900.0	17.1	11.8	55.6	6.1	-5.0	-3.4	309.4	340.1	11.0	71.2	999.9	999.9
3.3	28.4	2344.5	775.0	14.4	9.9	56.3	5.7	-4.7	-3.1	309.3	337.3	10.0	74.8	999.9	999.9
3.7	31.0	2621.1	750.0	12.5	11.8	62.1	5.4	-5.7	-3.0	310.2	342.9	11.7	85.3	999.9	999.9
4.3	33.6	2803.8	725.0	10.7	10.0	69.5	7.2	-7.3	-2.9	311.2	341.4	10.7	85.3	999.9	999.9
4.7	35.2	3103.6	700.0	9.5	7.8	70.7	8.5	-8.1	-2.8	313.0	340.3	9.6	85.4	999.9	999.9
5.2	38.0	3500.4	675.0	7.7	5.8	99.9	99.9	99.9	99.9	314.3	339.2	8.6	87.6	999.9	999.9
5.8	41.8	4111.7	650.0	6.1	3.6	99.9	99.9	99.9	99.9	315.9	338.2	7.7	87.9	999.9	999.9
6.2	44.7	4731.1	625.0	4.4	2.4	99.9	99.9	99.9	99.9	317.5	335.1	7.3	86.6	999.9	999.9
6.6	47.4	4465.7	600.0	2.7	1.0	99.9	99.9	99.9	99.9	319.3	339.8	6.9	88.6	999.9	999.9
7.1	50.4	4910.0	575.0	1.1	-1.0	99.9	99.9	99.9	99.9	321.3	345.1	6.2	85.6	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
PCST, TEXAS

3 JULY 1977  
2100 GMT

128 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GPM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	771.0	931.5	29.4	17.2	220.0	4.6	3.0	3.5	308.7	345.8	13.4	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	15.0	875.8	925.0	26.5	99.9	99.9	99.9	99.9	99.9	306.2	336.1	12.0	57.1	99.9	99.9
0.9	17.3	1074.1	900.0	24.0	14.9	99.9	99.9	99.9	99.9	306.2	336.1	12.0	57.1	99.9	99.9
1.8	20.0	1524.9	875.0	21.5	12.7	559.9	99.9	99.9	99.9	306.2	336.1	11.3	62.8	99.9	99.9
1.9	22.4	1574.9	850.0	19.1	11.8	84.0	6.6	-6.6	-0.7	306.2	336.1	10.3	62.3	1.0	260.
3.7	25.2	1871.1	825.0	17.5	9.4	23.2	3.3	-2.4	-2.2	307.1	332.3	9.0	58.7	1.3	259.
4.6	27.7	2094.2	800.0	16.5	8.2	346.9	3.0	0.7	-2.9	308.8	333.0	8.6	57.9	1.4	253.
5.8	30.5	2344.1	775.0	14.5	7.4	345.7	1.9	0.4	-1.8	309.4	333.1	8.4	62.6	1.4	245.
6.9	33.3	2610.9	750.0	12.5	7.2	25.4	2.4	-1.0	-2.2	310.2	334.4	9.5	65.7	1.5	241.
8.0	36.0	2924.7	725.0	10.2	6.9	45.2	2.1	-1.5	-1.5	310.6	335.1	8.6	75.7	1.6	238.
9.2	38.9	3215.1	700.0	7.4	4.6	72.8	1.6	-1.6	-0.5	310.6	332.5	7.7	82.8	1.7	239.
10.3	41.6	3515.3	675.0	5.4	2.4	98.1	1.6	-1.6	0.2	311.7	331.3	6.8	80.9	1.8	240.
11.5	44.5	3823.1	650.0	3.3	0.3	5.6	1.1	-0.1	-1.1	312.7	330.3	6.0	80.6	1.9	241.
13.1	47.5	4131.0	625.0	1.8	-1.0	314.6	3.2	2.3	-2.2	312.6	331.5	5.7	81.6	1.9	234.
14.4	50.8	4462.7	600.0	-0.2	-1.4	316.9	3.2	2.2	-2.3	315.9	333.1	5.9	91.6	1.9	227.
15.6	54.0	4809.3	575.0	-2.7	-3.9	337.6	3.0	1.3	-2.7	316.9	331.8	5.0	91.0	1.9	220.
17.0	57.0	5161.2	550.0	-4.2	-7.6	329.2	3.1	1.6	-2.7	319.1	331.1	3.9	77.2	2.0	215.
19.7	60.4	5527.9	525.0	-5.9	-9.8	321.2	3.5	2.2	-2.7	321.4	332.2	3.5	73.6	2.1	205.
20.6	63.9	5923.5	500.0	-6.7	-18.2	342.6	2.9	0.7	-2.7	324.9	330.9	1.8	39.4	2.4	187.
22.3	67.1	6324.3	475.0	-8.9	-23.9	402.6	1.9	-1.0	-1.1	327.0	331.0	1.2	28.4	2.6	196.
24.0	70.7	6724.7	450.0	-12.2	-20.6	120.4	3.1	-2.7	1.6	327.9	333.4	1.6	45.8	2.7	201.
25.7	74.7	7159.0	425.0	-15.4	-23.1	172.4	3.1	-2.0	2.4	329.0	333.7	1.4	52.4	2.5	208.
27.3	78.3	7414.2	400.0	-18.4	-25.0	143.5	3.4	-2.0	2.8	330.5	332.3	0.5	22.5	2.4	215.
28.5	82.0	7691.9	375.0	-22.3	-28.7	205.2	1.7	0.8	1.5	330.8	334.7	1.1	73.1	2.4	217.
30.3	86.0	8022.7	350.0	-26.4	-32.6	211.5	3.5	3.5	5.7	333.1	336.4	0.9	74.1	1.9	217.
32.4	90.4	8324.6	325.0	-27.7	-31.8	168.7	13.9	-2.7	13.6	338.5	341.4	0.8	68.1	1.1	254.
34.3	95.0	8622.4	300.0	-31.9	-34.8	171.7	14.8	-2.1	14.6	340.4	342.4	0.5	61.2	2.0	315.
36.4	99.5	8924.7	275.0	-36.3	-41.7	178.9	12.3	-0.2	12.3	342.6	342.9	0.3	57.1	3.5	334.
38.9	104.4	9224.4	250.0	-41.6	-49.5	150.0	11.5	-0.0	11.5	344.2	999.9	99.9	99.9	5.1	343.
41.4	109.8	9524.4	225.0	-47.2	-59.9	128.1	9.6	1.2	9.5	345.1	999.9	99.9	99.9	6.6	247.
44.1	115.2	9824.1	200.0	-54.1	-74.3	205.0	9.5	3.3	7.7	347.2	999.9	99.9	99.9	7.8	351.
47.2	121.0	10200.8	175.0	-60.6	-89.5	252.2	6.2	7.3	2.8	349.5	999.9	99.9	99.9	8.9	1.
51.3	127.5	10522.0	150.0	-65.1	-99.9	309.0	5.3	4.9	-3.9	355.0	999.9	99.9	99.9	8.6	10.
55.2	134.7	10825.0	125.0	-71.5	-99.9	110.7	2.1	-2.0	0.7	365.6	999.9	99.9	99.9	7.9	11.
59.9	69.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	55.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9
99.9	99.0	99.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 440  
ROBERT LEE, TEXAS

8 JULY 1977  
2048 GMT

134 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	985.0	949.2	32.0	21.5	360.0	10.2	0.0	-10.2	309.7	357.3	17.3	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	14.3	814.5	925.0	24.1	17.8	347.1	12.1	2.7	-11.8	305.0	344.1	14.0	60.3	0.4	218.
1.5	16.7	1055.0	900.0	25.1	16.2	35.6	6.0	-3.5	-4.9	307.4	344.6	13.6	60.2	0.9	200.
2.7	19.4	1307.2	875.0	23.1	15.3	54.0	5.1	-4.1	-3.0	307.8	342.6	12.6	61.4	1.2	208.
3.7	21.9	1555.6	850.0	21.0	12.9	90.5	3.8	-3.9	0.0	308.2	341.0	11.9	63.2	1.4	215.
5.0	24.7	1814.0	825.0	19.2	12.6	137.9	6.3	-4.2	4.7	308.9	340.1	11.2	65.4	1.4	230.
6.2	27.2	2079.7	800.0	17.5	12.2	149.0	6.5	-3.4	5.7	309.8	341.2	11.2	70.9	1.5	248.
7.4	30.1	2349.6	775.0	15.0	11.3	143.2	7.9	-4.7	6.3	309.7	340.5	10.9	78.5	1.7	266.
9.5	32.9	2627.0	750.0	12.9	8.7	145.9	7.3	-4.0	6.1	310.6	337.5	9.5	75.8	2.0	279.
9.5	35.7	2911.9	725.0	11.0	6.1	144.7	5.8	-3.4	4.8	311.5	335.0	8.2	71.8	2.3	286.
10.6	38.5	3204.5	700.0	9.2	2.6	134.6	5.5	-3.9	3.9	312.6	332.0	6.7	63.6	2.6	291.
11.6	41.4	3505.5	675.0	7.2	2.5	134.9	5.0	-3.5	3.5	313.7	333.6	6.8	71.7	2.9	293.
12.8	44.5	3815.4	650.0	5.1	-0.9	117.6	4.1	-3.6	1.9	314.8	331.2	5.5	65.2	3.2	295.
13.9	47.6	4134.8	625.0	3.8	-1.8	95.9	3.8	-3.8	0.4	315.7	331.7	5.4	71.8	3.4	294.
15.3	50.7	4444.2	600.0	0.4	-2.8	111.2	4.0	-3.7	1.4	316.5	332.2	5.2	75.6	3.8	293.
16.7	53.9	4724.8	575.0	-1.5	-6.7	134.1	4.7	-3.4	3.3	318.2	330.5	4.0	67.7	4.1	294.
18.0	55.9	5157.8	550.0	-3.9	-8.4	122.8	4.4	-3.7	2.4	319.4	330.8	3.7	70.9	4.5	296.
19.2	58.3	5524.1	525.0	-5.8	-12.5	127.9	3.1	-2.5	1.9	321.5	330.2	2.8	56.1	4.7	295.
20.7	63.7	5905.3	500.0	-7.1	-21.5	137.3	4.6	-3.1	3.4	324.3	328.9	1.4	30.6	5.0	297.
22.0	67.1	6304.2	475.0	-9.2	-25.5	130.3	5.3	-4.1	3.4	326.5	329.7	0.9	22.9	5.4	299.
23.4	70.6	6721.0	450.0	-11.2	-33.7	113.7	4.4	-4.0	1.8	329.2	330.9	0.5	13.5	5.8	299.
25.1	74.3	7157.3	425.0	-13.7	-35.6	173.8	3.3	-0.4	3.3	331.4	332.8	0.4	12.5	6.1	299.
27.1	78.1	7615.7	400.0	-15.2	-35.5	175.2	6.7	-0.5	5.7	333.9	335.1	0.3	12.1	6.5	304.
28.9	81.9	8097.3	375.0	-20.7	-41.0	165.7	5.8	-1.4	5.6	334.2	335.2	0.3	14.2	7.0	308.
30.9	85.9	8597.2	350.0	-25.3	-43.0	147.1	4.5	-2.5	3.8	334.7	335.6	0.2	17.1	7.5	310.
32.4	90.2	9137.6	325.0	-29.7	-45.1	150.9	6.4	-3.1	5.6	337.1	337.9	0.2	18.7	8.1	311.
34.8	94.7	9705.8	300.0	-32.8	-48.6	136.5	8.3	-5.7	6.0	339.2	339.8	0.1	18.5	9.0	313.
36.7	99.2	10311.8	275.0	-38.0	-52.4	127.2	7.2	-5.7	4.3	340.3	340.7	0.1	20.1	9.9	313.
38.7	104.0	10961.9	250.0	-42.5	99.9	92.2	1.3	-1.3	-0.2	342.9	999.9	99.9	999.9	10.4	312.
41.2	109.5	11664.0	225.0	-48.7	99.9	25.6	2.9	-1.4	-2.5	344.5	999.9	99.9	999.9	10.3	211.
44.2	115.0	12420.4	200.0	-54.1	99.9	77.5	4.4	-4.3	-1.0	347.2	999.9	99.9	999.9	10.5	306.
47.1	121.0	13277.4	175.0	-60.3	99.9	115.8	4.4	-4.0	1.9	349.7	999.9	99.9	999.9	11.3	305.
50.3	127.5	14217.2	150.0	-66.8	99.9	92.2	3.7	-3.7	0.1	355.0	999.9	99.9	999.9	11.7	304.
54.0	134.7	15212.3	125.0	-69.9	99.9	30.3	6.8	-3.4	-5.9	363.4	999.9	99.9	999.9	11.7	298.
58.5	142.0	16277.5	100.0	-71.3	99.9	999.9	99.9	99.9	99.9	389.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

8 JULY 1977  
2100 GMT

128 97. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	781.0	929.4	20.0	20.0	60.0	4.2	-3.6	-2.1	299.4	341.6	16.1	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	13.4	821.9	925.0	20.0*	99.9	999.9	99.9	99.9	99.9	299.8	999.9	99.9	999.9	999.9	999.9
0.9	15.6	1057.6	900.0	20.2*	99.9	999.9	99.9	99.9	99.9	302.3	999.9	99.9	999.9	999.9	999.9
1.7	19.0	1301.0	875.0	19.5	15.4	999.9	99.9	99.9	99.9	304.1	338.6	12.7	77.0	999.9	999.9
2.6	20.4	1551.4	850.0	19.1	14.1	54.2	7.4	-6.0	-4.3	305.2	339.2	12.0	72.9	1.8	223.
3.5	22.8	1809.2	825.0	18.0	11.8	53.0	6.0	-4.8	-3.6	307.6	337.1	10.6	67.3	2.2	225.
4.4	25.3	2071.7	800.0	16.6	11.7	74.8	4.6	-2.6	-3.8	308.8	339.2	10.9	72.8	2.4	225.
5.2	27.6	2342.2	775.0	14.8	10.2	355.5	0.8	0.0	-0.8	309.7	338.4	10.2	74.3	2.6	224.
6.2	30.2	2619.4	750.0	12.9	9.2	200.1	2.0	0.7	1.2	310.6	338.4	9.8	78.1	2.5	224.
7.3	32.9	2904.0	725.0	10.8	8.8	157.6	1.6	-0.3	1.5	311.3	339.3	9.9	87.7	2.4	226.
8.2	35.5	3166.7	700.0	8.3	6.9	157.6	1.0	-0.4	0.9	311.7	337.2	9.0	90.8	2.4	228.
9.2	38.3	3406.4	675.0	5.1	4.7	210.0	0.9	0.5	0.8	312.5	335.4	8.0	90.8	2.3	229.
10.2	41.0	3604.0	650.0	4.1	3.3	155.0	0.7	-0.3	0.6	313.6	335.3	7.5	95.0	2.3	229.
11.3	43.9	4127.8	625.0	1.9	1.4	151.7	2.0	-0.6	1.9	314.7	334.6	6.8	96.5	2.3	231.
12.5	46.0	4453.0	600.0	0.4	-0.1	147.1	2.7	0.3	2.7	316.6	335.4	6.4	96.3	2.2	236.
13.9	50.0	4767.9	575.0	-1.3	-1.2	175.7	1.8	-0.1	1.8	318.5	336.1	5.9	96.2	2.0	239.
15.0	53.0	5147.5	550.0	-3.2	-3.7	95.1	1.8	-1.8	0.2	320.3	336.4	5.3	96.1	2.1	242.
16.1	56.0	5514.6	525.0	-5.8	-3.6	91.5	1.8	-1.8	0.0	321.5	333.4	3.8	80.7	2.2	243.
17.2	59.4	5906.2	500.0	-7.6	-3.1	152.5	1.5	-0.4	1.4	323.8	335.9	3.9	89.0	2.3	245.
18.5	62.8	6294.2	475.0	-10.0	-14.8	140.8	2.6	-0.9	2.5	325.6	333.9	2.6	67.9	2.2	248.
20.4	66.1	6709.7	450.0	-12.0	-12.1	175.8	3.1	-0.6	8.1	325.2	335.0	2.0	60.3	2.2	264.
22.3	69.8	7144.7	425.0	-15.0	-16.5	152.8	15.2	-4.5	14.5	329.7	336.1	1.9	68.4	2.8	296.
23.9	73.4	7611.4	400.0	-17.1	-20.3	149.7	9.9	-5.1	9.5	332.7	335.1	1.9	76.4	3.7	308.
25.5	77.3	9057.6	375.0	-19.7	-23.6	149.3	10.5	-5.5	9.0	335.5	340.7	1.5	71.0	4.7	312.
27.1	81.3	9593.0	350.0	-23.0	-27.1	156.3	11.0	-4.4	10.1	337.8	342.0	1.2	68.7	5.5	316.
28.6	85.6	9122.4	325.0	-27.0	-31.6	159.1	9.6	-3.4	9.0	339.5	342.5	0.8	64.4	6.5	319.
30.0	90.0	9725.3	300.0	-30.7	-35.2	157.7	7.3	-2.7	6.7	342.1	344.2	0.6	58.5	7.2	321.
31.7	94.6	10316.9	275.0	-35.7	-41.9	157.9	1.4	-0.3	1.4	343.5	344.8	0.3	52.5	7.5	322.
33.7	99.4	10971.0	250.0	-40.5	99.9	154.0	2.4	-1.1	2.2	345.9	999.9	99.9	999.9	7.9	322.
35.8	104.6	11692.1	225.0	-46.0	99.9	73.7	1.6	-1.6	-0.5	348.0	999.9	99.9	999.9	8.0	321.
38.1	110.4	12455.6	200.0	-51.4	99.9	77.1	0.6	-0.5	-0.1	351.4	999.9	99.9	999.9	8.1	320.
40.2	115.3	13311.7	175.0	-57.3	99.9	149.9	4.5	-2.3	3.9	355.3	999.9	99.9	999.9	8.3	321.
43.0	123.3	14270.3	150.0	-63.6	99.9	12.0	6.8	-1.4	-6.6	360.5	999.9	99.9	999.9	8.6	318.
46.4	130.5	15374.3	125.0	-69.0	99.9	53.2	6.9	-5.8	-3.6	370.1	999.9	99.9	999.9	8.0	307.
49.6	138.0	16702.0	100.0	-69.5	99.9	99.9	99.9	99.9	99.9	393.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JULY 1977  
0 GMT

120 102. 0

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	973.0	918.7	21.1	19.3	120.0	8.0	-5.9	4.0	301.5	340.4	14.6	84.0	0.0	0.
09.9	09.9	1000.0	900.0	09.9	09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	980.0	880.0	09.9	09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	980.0	950.0	09.9	09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	09.9	980.0	925.0	09.9	09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.5	15.8	1020.0	900.0	20.7	15.7	999.0	99.9	99.9	99.9	302.9	336.9	12.6	72.8	999.9	999.9
1.6	13.2	1207.3	875.0	22.1	15.1	999.0	99.9	99.9	99.9	305.7	341.0	12.5	64.6	999.9	999.9
2.5	20.5	1239.9	850.0	20.0	12.9	101.3	7.4	-7.2	1.4	307.1	337.0	11.1	63.6	1.3	292.
3.6	23.1	1404.7	825.0	19.7	10.6	76.4	7.1	-6.9	-1.7	308.3	325.8	9.8	59.5	1.7	232.
4.3	25.6	1040.9	800.0	17.3*	9.5*	55.4	9.3	-7.7	-5.3	310.2	999.9	99.9	99.9	2.1	281.
6.1	28.1	2700.4	775.0	15.6*	9.5*	39.4	9.8	-6.3	-7.5	310.9	999.9	99.9	99.9	2.6	257.
7.5	30.7	2514.1	750.0	13.7*	9.5*	24.2	7.5	-3.5	-5.6	311.5	999.9	99.9	99.9	3.1	257.
3.9	33.7	2406.8	725.0	11.6**	9.5*	21.0	6.5	-2.3	-6.1	312.0	999.9	99.9	99.9	3.5	248.
10.2	35.9	2191.3	700.0	9.5*	9.5*	14.4	5.9	-0.0	-3.1	313.0	999.9	99.9	99.9	3.9	244.
11.4	38.7	2462.0	675.0	6.5	3.9	75.0	5.0	-5.8	-1.5	312.9	334.7	7.5	83.4	4.4	245.
12.3	41.4	2709.0	650.0	2.7	1.4	72.0	4.8	-4.6	-1.5	312.1	331.1	6.6	91.1	4.6	246.
14.0	44.2	4115.5	625.0	-0.1	-1.1	27.2	3.7	-1.7	-3.3	312.4	329.0	5.7	52.8	5.0	249.
35.1	47.1	4445.2	600.0	0.7	-1.8	21.1	1.2	-0.4	-1.1	317.0	333.7	5.6	83.5	10.0	226.
36.9	50.0	4755.7	575.0	-2.5	-4.9	54.1	2.7	-2.2	-1.6	317.0	331.0	4.6	83.6	10.3	225.
35.4	53.0	5177.2	550.0	-4.9	-7.5	61.9	2.2	-1.9	-1.0	318.4	330.5	4.0	81.2	10.5	226.
40.4	56.1	4507.0	525.0	-5.4	-8.4	100.2	0.4	3.1	0.4	321.9	333.9	3.9	79.6	10.6	226.
42.6	59.3	4853.2	500.0	-7.2	-9.4	149.7	3.2	-1.6	2.8	325.5	337.3	3.8	73.0	10.5	227.
44.5	62.6	4549.1	475.0	-9.5	-10.8	151.7	4.4	-1.4	4.2	329.4	340.8	3.5	73.9	10.3	229.
46.8	65.9	4709.1	450.0	-11.4	-13.1	171.4	5.2	-3.9	3.4	332.1	342.3	3.1	71.0	10.3	233.
49.1	69.4	4740.5	425.0	-12.9	-17.2	125.5	3.5	-2.9	2.4	332.5	340.2	2.3	69.7	10.4	237.
51.3	73.7	4901.7	400.0	-14.8	-20.5	124.2	6.1	-4.7	3.8	333.6	329.7	1.8	68.0	10.6	240.
56.1	80.5	4910.0	375.0	-23.7	-27.7	133.9	6.7	-4.9	4.5	338.1	342.1	1.1	63.8	11.4	249.
58.5	84.5	4910.0	350.0	-27.0	-32.2	127.1	5.5	-4.4	3.3	339.4	342.3	0.8	61.3	12.0	259.
61.6	89.6	4910.0	325.0	-32.1	-37.4	134.8	5.7	-3.7	4.4	340.1	342.0	0.5	58.9	12.4	257.
65.4	93.0	4910.0	300.0	-35.9	-42.7	131.2	5.9	-4.4	3.8	341.5	343.0	0.3	54.2	13.2	265.
69.8	97.6	4971.7	250.0	-42.6	-49.9	148.5	2.7	-1.4	2.3	342.8	999.9	99.9	99.9	14.0	265.
74.1	102.4	11674.4	225.0	-45.9	-52.3	110.1	1.0	-0.9	0.3	346.2	999.9	99.9	99.9	14.1	267.
79.0	107.6	12447.7	200.0	-52.3	-59.5	99.9	99.9	99.9	99.9	350.0	999.9	99.9	99.9	999.9	999.9
83.9	113.3	12700.7	175.0	-58.8	-66.9	99.9	99.9	99.9	99.9	352.8	999.9	99.9	99.9	999.9	999.9
88.5	119.3	14252.4	150.0	-65.3	-73.9	599.9	99.9	99.9	99.9	357.7	999.9	99.9	99.9	999.9	999.9
94.5	125.0	15344.7	125.0	-71.6	-81.6	999.9	99.9	99.9	99.9	365.4	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JULY 1977  
0 GMT

124 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES WS	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	771.0	931.3	25.9	17.5	165.0	1.6	-0.5	1.5	305.2	342.4	13.7	60.0	0.0	0.
99.9	99.9	69.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.5	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.5	999.9	999.9
0.2	11.5	871.0	925.0	25.2	17.3	169.0	1.6	-0.5	1.5	305.2	342.4	13.6	61.6	999.9	999.9
1.0	13.8	1071.1	900.0	22.5	16.5	169.0	1.6	-0.5	1.5	304.7	340.7	13.3	68.7	999.9	999.9
1.9	15.8	1316.3	875.0	20.9	15.8	169.0	1.6	-0.5	1.5	305.5	341.2	13.1	72.8	999.9	999.9
2.8	18.1	1566.5	850.0	18.4	14.4	169.0	1.6	-0.5	1.5	305.4	338.8	12.2	77.5	999.9	999.9
3.9	20.4	1822.9	825.0	17.2	13.0	169.0	1.6	-0.5	1.5	305.8	338.6	11.5	76.4	1.2	282.
4.9	22.7	2084.5	800.0	15.3	11.8	169.0	1.6	-0.5	1.5	307.5	337.9	11.0	75.8	1.5	275.
5.8	25.1	2354.6	775.0	14.0	10.0	169.0	1.6	-0.5	1.5	309.9	337.0	10.1	76.9	1.7	269.
6.9	27.5	2631.5	750.0	12.6	6.3	169.0	1.6	-0.5	1.5	310.3	333.2	8.0	65.4	1.8	265.
8.0	30.1	2914.0	725.0	11.7	4.5	169.0	1.6	-0.4	-0.9	311.9	333.4	7.5	64.1	1.9	263.
9.3	32.7	3202.3	700.0	9.6	4.0	169.0	1.6	-0.4	-0.9	313.1	334.3	7.3	68.5	1.9	262.
10.7	35.4	3510.8	675.0	7.6	1.7	170.0	2.5	-0.7	-2.4	314.5	333.4	6.4	64.6	1.9	258.
11.9	37.9	3821.4	650.0	5.6	1.0	170.0	2.9	-1.2	-2.6	315.4	334.0	6.3	71.8	2.1	252.
13.2	40.5	4141.7	625.0	3.4	-0.1	170.0	2.9	-1.2	-2.6	315.4	334.4	6.1	77.5	2.2	249.
14.5	43.3	4472.3	600.0	1.6	-2.7	173.0	3.5	-1.0	-3.3	319.0	333.7	5.2	72.6	2.3	243.
15.9	46.3	4814.6	575.0	-0.7	-4.1	173.0	3.2	-1.2	-3.0	319.2	334.2	4.9	77.6	2.5	239.
17.3	49.4	5168.4	550.0	-3.4	-5.3	180.0	2.9	-1.2	-2.8	320.0	334.4	4.7	86.6	2.7	235.
18.7	52.3	5535.3	525.0	-5.3	-9.3	180.0	3.0	-1.5	-2.6	322.1	333.3	3.6	73.3	2.9	233.
20.1	55.4	5919.7	500.0	-6.9	-11.1	180.0	2.2	-0.9	-2.0	324.6	335.0	3.3	72.2	3.2	231.
21.3	58.6	6314.4	475.0	-10.6	-12.0	180.0	1.8	1.4	-1.2	324.8	335.0	3.2	85.5	3.3	230.
22.6	62.0	6720.6	450.0	-13.2	-16.5	180.0	3.4	3.4	-0.5	326.6	335.5	2.8	89.8	3.2	226.
24.1	65.5	7165.2	425.0	-15.1	-16.4	180.0	3.6	3.4	1.3	329.5	337.8	2.5	85.6	2.9	222.
25.8	69.2	7620.8	400.0	-18.6	-20.1	180.0	3.0	2.9	0.8	330.9	337.3	1.9	87.7	2.6	219.
27.6	72.9	8089.7	375.0	-21.7	-23.7	180.0	3.9	2.6	2.9	332.9	338.1	1.5	83.7	2.3	216.
29.6	75.9	8605.5	350.0	-24.7	-28.5	180.0	5.2	0.2	5.2	335.4	339.1	1.0	70.8	1.8	219.
31.8	80.9	9160.4	325.0	-28.5	-32.3	180.0	7.0	1.3	6.9	337.4	340.1	0.7	65.9	1.2	246.
33.9	85.1	9709.7	300.0	-32.7	-37.5	180.0	5.6	-0.6	5.6	339.4	341.2	0.5	55.6	1.1	284.
36.3	89.7	10316.9	275.0	-37.4	-42.3	180.0	7.4	1.9	7.1	341.1	342.3	0.3	59.5	1.5	321.
38.8	94.6	10947.5	250.0	-42.9	-49.5	200.0	3.9	1.3	3.7	342.4	359.9	99.9	955.9	2.2	339.
41.9	98.8	11659.1	225.0	-48.6	-59.5	220.0	4.9	3.4	3.5	343.0	999.9	99.9	999.9	2.6	355.
45.5	105.3	12437.3	200.0	-54.1	-99.5	263.1	7.3	7.2	3.9	347.1	999.9	99.9	999.9	3.4	15.
48.3	111.5	13280.0	175.0	-59.5	-99.5	303.6	7.0	5.8	-3.9	351.9	959.9	95.9	955.5	3.5	40.
52.5	114.3	14200.4	150.0	-65.6	-99.5	336.3	4.5	2.0	-4.5	357.1	999.9	99.9	995.9	3.5	57.
57.0	125.0	15322.2	125.0	-69.5	-99.5	354.8	1.9	-1.8	-0.1	365.2	999.9	95.9	995.9	3.2	78.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

8 JULY 1977  
2349 GMT

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TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	585.0	549.5	28.0	20.0	330.0	2.6	1.3	-2.3	305.6	348.3	15.8	62.0	0.0	0.
00.9	09.0	59.9	1000.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	599.9
00.9	09.0	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	599.9
00.9	09.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	599.9
0.9	12.4	821.0	925.0	27.0	17.6	999.9	99.9	99.9	99.9	306.9	348.9	13.9	56.8	999.9	999.9
1.9	14.6	1043.0	900.0	25.0	16.0	999.9	99.9	99.9	99.9	342.5	342.5	12.8	57.1	999.9	999.9
3.8	15.6	1310.0	975.0	24.9	15.6	99.9	99.9	99.9	99.9	345.8	345.8	13.0	57.1	999.9	999.9
3.7	19.0	1544.7	850.0	22.5	14.5	43.4	4.5	-3.5	-3.0	309.7	344.0	12.3	60.4	0.9	238.
4.6	21.0	1924.1	825.0	20.3	13.9	53.2	4.7	-3.8	-2.7	313.1	344.1	12.2	66.5	1.2	237.
5.8	23.5	2059.3	800.0	17.4	12.5	89.6	4.0	-3.9	-0.6	313.2	342.3	11.5	71.0	1.5	237.
7.2	25.5	2340.9	775.0	16.1	10.9	62.8	3.8	-3.4	-1.3	311.2	341.2	10.7	71.3	1.8	242.
8.7	29.2	2630.7	725.0	14.0	6.5	46.6	3.4	-2.5	-2.4	311.8	339.1	9.6	71.2	2.1	241.
10.7	30.3	2934.8	725.0	11.4	7.5	39.1	4.5	-2.9	-3.6	311.9	337.6	9.0	77.0	2.4	238.
11.7	33.4	3217.8	700.0	9.2	5.1	33.0	4.1	-2.3	-3.4	312.7	335.5	7.9	75.8	2.8	235.
13.0	35.9	3519.7	675.0	7.1	3.7	37.1	2.5	-1.5	-2.0	314.3	335.1	7.4	78.8	3.1	233.
14.2	38.6	3829.7	650.0	4.7	1.9	73.9	2.1	-2.1	-0.4	314.3	334.1	6.8	81.9	3.2	233.
15.6	41.2	4147.7	625.0	2.4	1.0	97.0	3.5	-3.5	0.2	315.3	334.6	6.6	90.0	3.4	235.
17.2	44.0	4477.1	600.0	0.5	-0.9	121.3	3.7	-3.2	1.9	312.5	335.2	5.6	91.5	3.6	240.
19.0	47.0	4818.5	575.0	-1.3	-2.5	107.0	3.1	-3.0	1.0	312.5	335.2	5.6	91.5	3.6	240.
20.9	49.9	5172.8	550.0	-2.6	-6.7	151.2	3.9	-1.9	3.4	321.0	336.0	4.2	73.0	4.0	250.
22.4	52.8	5541.0	525.0	-4.7	-10.1	198.2	4.0	-1.5	3.7	322.8	333.4	3.4	65.1	4.1	254.
24.1	55.8	5924.0	500.0	-6.6	-13.2	155.8	4.2	-1.7	3.8	325.0	331.1	1.8	25.3	4.1	260.
25.0	59.0	6323.0	475.0	-9.0	-25.7	160.1	2.9	-0.6	2.9	326.9	330.3	1.0	24.3	4.3	266.
27.8	62.2	6740.4	450.0	-11.1	-36.4	201.9	2.2	0.8	2.1	325.2	337.0	2.4	65.1	4.2	270.
29.8	65.8	7177.0	425.0	-13.1	-30.1	200.7	3.9	1.4	3.6	325.2	334.8	0.7	22.3	4.0	273.
31.4	69.4	7617.1	400.0	-16.5	-40.3	179.7	5.6	-0.0	5.5	323.6	334.6	0.3	10.6	4.0	280.
33.2	73.0	8119.7	375.0	-20.2	-40.6	157.0	4.0	-1.1	3.9	324.6	325.9	0.3	12.9	4.2	287.
35.0	77.0	8624.9	350.0	-25.2	-43.4	147.9	3.7	-2.0	3.1	324.8	325.8	0.3	18.2	4.5	291.
37.1	81.0	9160.0	325.0	-28.1	-45.2	147.4	5.5	-3.1	4.9	326.0	322.7	0.2	15.7	5.0	294.
39.9	85.4	9740.9	300.0	-31.5	-45.4	122.3	5.7	-4.2	3.8	326.8	341.3	0.1	15.3	6.0	299.
42.6	90.0	10340.9	275.0	-36.0	-51.7	125.0	1.9	-1.5	1.1	343.1	343.6	0.1	17.8	6.8	300.
45.6	95.0	10995.1	250.0	-41.3	99.9	337.6	1.1	0.5	-1.0	344.7	999.9	99.9	999.9	6.6	300.
48.2	100.2	11701.4	225.0	-47.4	99.9	359.8	2.7	0.0	-2.7	345.9	999.9	99.9	999.9	6.5	298.
51.1	105.8	12469.6	200.0	-53.3	99.9	357.7	1.9	-1.2	-1.5	345.3	999.9	99.9	999.9	6.4	295.
54.5	112.0	13217.7	175.0	-59.5	99.9	21.2	5.6	-2.0	-5.2	353.4	999.9	99.9	999.9	6.2	291.
58.0	119.0	14270.4	150.0	-65.2	99.9	155.6	9.1	-8.3	-3.8	357.7	999.9	99.9	999.9	7.4	280.
62.3	126.7	15743.0	125.0	-68.2	99.9	104.6	6.2	-5.9	1.6	371.4	999.9	99.9	999.9	9.1	273.
67.6	135.3	16701.2	100.0	-70.2	99.9	59.9	99.9	99.9	99.9	392.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JULY 1977  
0 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PPES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	781.0	927.3	21.0	21.0	103.0	2.6	-2.6	0.5	300.6	345.8	17.2	99.9	0.0	0.
59.9	99.9	59.9	1000.0	59.9	59.9	99.9	99.9	99.9	99.9	95.9	999.9	99.9	99.9	959.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	959.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	995.9	999.9
0.0	13.9	802.5	523.0	21.0*	21.0*	99.9	99.9	99.9	99.9	300.8	999.9	99.9	99.9	999.9	999.9
0.7	16.2	1039.2	900.0	21.2	15.3	99.9	99.9	99.9	99.9	303.3	336.7	12.3	69.4	999.9	999.9
1.7	18.9	1297.6	875.0	21.2	13.5	99.9	99.9	99.9	99.9	305.8	326.7	11.3	61.6	999.9	999.9
2.4	21.3	1575.1	593.0	20.9	5.8	103.6	5.7	-5.5	1.0	303.1	333.4	9.0	49.1	1.1	275.
3.5	24.1	1793.1	925.0	19.6	6.9	62.7	4.7	-4.7	-0.0	309.3	331.0	7.6	43.8	1.4	275.
4.5	26.7	2057.1	800.0	17.6	5.8	83.0	2.8	-2.9	-0.1	310.0	330.7	7.3	45.6	1.6	276.
5.4	29.4	2277.8	775.0	15.7	5.9	129.6	3.1	-2.4	1.9	310.7	332.2	7.5	52.1	1.8	275.
6.2	32.3	2496.7	750.0	14.2	4.5	151.0	4.8	-1.5	4.6	312.0	332.4	7.1	51.9	1.9	280.
7.2	35.7	2811.1	725.0	11.4	3.2	154.4	5.1	-2.2	4.6	311.9	331.2	6.7	57.0	2.0	288.
8.5	38.0	3182.4	700.0	7.4	2.2	127.8	5.3	-4.2	3.2	310.7	329.3	6.4	69.7	2.4	293.
10.1	40.9	3451.7	675.0	5.7	3.7	103.2	6.0	-5.9	1.4	312.0	323.4	7.4	87.2	3.0	293.
11.5	44.0	3793.0	650.0	3.6	2.0	99.4	5.2	-5.1	0.8	313.0	332.9	6.8	89.5	3.4	291.
13.3	47.1	4197.7	625.0	1.2	-1.1	103.5	4.1	-4.0	1.0	313.8	330.5	5.7	84.4	3.9	250.
15.5	50.4	4475.1	500.0	-2.1	-3.2	99.5	5.3	-5.3	0.2	316.0	331.1	5.1	75.8	4.4	255.
17.8	53.6	4776.9	575.0	-1.3	-3.9	95.9	5.1	-5.1	0.5	313.5	332.6	5.0	82.4	5.3	297.
19.9	55.7	5170.5	550.0	-3.0	-5.5	84.0	5.1	-5.1	-0.6	320.5	324.2	4.5	80.2	6.0	285.
22.5	60.7	5469.1	525.0	-4.8	-6.3	75.3	4.0	-3.9	-0.8	322.7	334.8	3.9	76.5	6.8	282.
24.9	63.9	5880.7	500.0	-7.1	-13.8	25.3	3.6	-3.5	-0.3	324.4	335.0	3.4	74.4	7.2	281.
27.6	67.3	6279.7	475.0	-9.2	-13.3	69.2	1.5	-1.4	-0.6	326.6	335.9	2.9	71.9	7.7	280.
29.9	70.9	6666.5	450.0	-11.4	-15.7	124.5	1.7	-1.4	1.0	328.9	337.0	2.5	70.4	8.0	280.
32.3	74.3	7172.7	425.0	-14.5	-15.4	90.0	0.5	-0.5	0.0	330.3	336.8	1.9	66.2	8.0	290.
34.7	78.0	7688.2	400.0	-18.3	-24.0	153.1	6.5	-2.7	5.9	321.2	335.9	1.4	60.5	8.3	282.
37.7	82.8	8056.9	375.0	-22.3	-30.5	199.4	4.1	0.7	4.1	332.1	334.9	0.8	46.5	8.6	288.
40.3	87.0	8571.4	350.0	-27.9	-35.6	192.1	5.3	1.1	5.2	336.5	339.8	0.9	58.0	8.9	252.
43.6	91.7	9100.8	325.0	-37.1	-44.4	185.5	3.5	0.4	3.4	339.4	341.7	0.6	49.5	8.9	298.
45.4	96.2	9491.7	300.0	-41.4	-48.4	225.3	7.1	5.0	5.0	341.2	342.9	0.5	45.6	9.0	303.
49.9	101.0	10291.7	275.0	-46.2	-43.2	234.3	5.4	4.4	3.1	342.8	343.9	0.3	47.9	8.7	312.
57.6	106.4	10544.2	250.0	-44.4	95.9	273.1	5.0	5.0	-0.7	344.6	595.9	99.9	99.9	8.1	319.
57.9	111.9	11652.4	225.0	-47.3	95.5	258.7	0.5	0.5	0.1	346.3	999.9	99.9	99.9	8.0	322.
63.4	117.5	12423.4	200.0	-51.7	99.3	78.2	3.9	-0.2	-0.2	350.9	999.9	99.9	99.9	7.7	320.
69.4	124.0	13275.6	175.0	-53.3	99.9	25.4	3.0	-1.3	-2.7	352.8	599.9	99.9	99.9	7.0	318.
76.5	130.4	14135.0	150.0	-62.9	95.5	699.9	99.9	99.9	99.9	361.7	999.9	99.9	99.9	999.9	999.9
84.0	137.4	15343.5	125.0	-67.0	95.5	699.9	99.9	99.9	99.9	372.7	599.9	99.9	99.9	999.9	999.9
90.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
98.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JULY 1977  
300 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
9.0	17.7	877.0	919.7	21.7	15.6	123.0	7.5	-5.1	6.1	305.1	337.3	13.1	73.0	0.0	0.
9.3	99.9	909.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.6	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
10.2	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
10.5	15.5	1052.2	900.0	22.0	15.0	999.9	99.9	99.9	99.9	308.2	337.0	12.1	64.9	999.9	999.9
10.8	17.9	1297.6	875.0	22.6	12.1	999.9	99.9	99.9	99.9	307.3	335.6	10.2	64.9	999.9	999.9
11.1	20.7	1550.0	850.0	21.7	11.2	123.0	9.2	-7.8	4.9	308.9	336.6	9.9	51.3	0.8	291.
11.4	22.8	1508.5	825.0	20.0	9.8	123.8	8.4	-6.4	5.3	309.8	336.0	9.3	51.7	1.3	295.
11.7	25.7	2077.5	800.0	18.7	9.5	143.0	8.2	-5.0	6.4	311.1	336.6	9.0	52.6	1.7	301.
12.0	27.8	2144.0	775.0	17.0	8.9	143.9	9.0	-4.0	8.0	312.1	338.5	9.3	58.9	2.1	307.
12.3	30.6	2625.0	750.0	14.4	6.3	143.6	5.2	-2.3	7.8	312.5	335.4	8.1	58.2	2.5	312.
12.6	33.2	2910.9	725.0	12.7	4.6	175.0	7.0	-0.6	7.0	313.4	334.7	7.4	58.0	2.8	317.
12.9	35.8	3204.9	700.0	10.5	3.5	169.0	6.6	-1.4	6.5	314.2	334.8	7.1	61.7	3.1	321.
13.2	38.7	3507.3	675.0	8.6	2.5	144.7	5.5	-2.4	4.7	315.2	335.2	6.8	65.6	3.5	323.
13.5	41.2	3818.9	650.0	6.6	1.7	115.7	6.5	-3.9	2.8	316.4	336.1	6.7	70.9	3.8	322.
13.8	44.2	4130.1	625.0	4.0	1.7	102.2	7.3	-6.9	2.4	317.1	337.7	7.0	85.0	4.2	318.
14.1	47.3	4472.0	600.0	2.3	-1.1	101.4	7.5	-7.3	1.5	319.5	337.2	5.9	74.8	4.6	316.
14.4	50.3	4815.9	575.0	0.4	-3.2	103.5	7.4	-7.4	0.1	320.5	336.4	5.2	76.3	5.0	311.
14.7	53.3	5171.0	550.0	-1.6	-3.6	103.1	6.1	-5.9	1.3	322.2	338.1	4.5	79.4	5.7	306.
15.0	56.3	5541.6	525.0	-3.5	-6.6	56.1	5.0	-4.2	-2.8	322.2	338.1	4.5	79.4	5.7	306.
15.3	59.5	5924.2	500.0	-5.0	-9.0	40.3	4.0	-3.9	-4.6	323.8	338.0	3.9	78.9	5.8	301.
15.6	62.9	6324.5	475.0	-7.7	-11.2	28.9	4.2	-2.6	-3.3	327.8	338.7	3.4	79.2	5.9	297.
15.9	66.1	6744.7	450.0	-11.1	-14.0	2.1	4.5	-0.2	-4.5	329.3	338.6	2.9	78.8	5.9	293.
16.2	69.7	7181.5	425.0	-14.1	-16.7	34.7	4.7	1.0	-4.6	329.3	338.6	2.4	80.8	5.6	290.
16.5	73.1	7635.0	400.0	-17.6	-19.4	9.3	3.2	-0.5	-3.2	323.1	339.6	2.2	83.1	5.5	287.
16.8	77.0	8119.8	375.0	-20.9	-22.2	41.4	3.2	-2.1	-2.4	326.0	335.8	1.7	85.2	5.6	283.
17.1	80.9	8627.5	350.0	-24.0	-26.8	10.2	2.4	-2.2	0.7	321.4	340.6	1.2	77.5	5.8	282.
17.4	84.8	9167.6	325.0	-28.5	-30.3	105.9	2.3	-2.2	0.7	337.4	340.7	0.9	84.4	6.0	283.
17.7	88.9	9732.2	300.0	-32.8	-34.5	128.2	3.3	-2.6	2.1	339.2	341.6	0.7	84.7	6.3	283.
18.0	93.4	10323.5	275.0	-36.9	-42.6	110.6	2.1	-1.9	1.0	341.8	343.1	0.3	84.7	6.8	285.
18.3	98.0	10902.2	250.0	-41.9	-49.9	348.1	2.8	0.8	-2.7	343.9	999.9	99.9	999.9	6.7	283.
18.6	102.8	11528.2	225.0	-47.1	-57.5	2.2	0.9	-0.0	-0.9	345.3	999.9	99.9	999.9	6.6	281.
18.9	108.2	12469.5	200.0	-53.0	-65.9	6.1	5.3	-0.5	-5.3	348.9	999.9	99.9	999.9	6.5	279.
19.2	113.8	13317.3	175.0	-59.7	-74.9	20.3	6.7	-2.3	-5.3	351.5	999.9	99.9	999.9	6.8	267.
19.5	119.8	14270.1	150.0	-64.9	-81.9	23.6	4.9	-2.4	-4.3	353.3	999.9	99.9	999.9	7.5	261.
19.8	125.5	15240.2	125.0	-72.3	-90.9	55.5	5.5	-5.5	-0.3	354.0	999.9	99.9	999.9	8.3	257.
20.1	134.0	16272.2	100.0	-73.7	-99.9	59.9	99.9	99.9	99.9	357.3	999.9	99.9	999.9	999.9	999.9
20.4	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
20.7	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
21.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JULY 1977  
300 GMT

118 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPV	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.8	771.0	931.9	23.4	18.3	0.0	0.0	0.0	0.0	302.6	341.1	14.4	73.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.3	12.3	826.4	925.0	23.7	19.6	999.9	99.9	99.9	99.9	303.6	345.8	15.8	77.7	999.9	999.9
1.1	14.4	1076.7	900.0	23.0	18.7	999.9	99.9	99.9	99.9	305.2	346.6	15.3	76.9	999.9	999.9
2.0	16.3	1322.7	875.0	21.5	17.4	87.9	4.1	-4.1	-0.2	305.1	345.6	14.5	77.7	0.4	293.
2.9	18.5	1573.5	850.0	18.9	14.3	102.7	3.1	-3.0	0.7	306.0	339.4	12.2	74.8	0.6	285.
3.9	20.6	1830.5	825.0	18.5	12.5	126.2	3.1	-2.1	2.2	308.2	339.1	11.1	67.9	0.7	289.
4.9	22.7	2093.7	800.0	17.5	11.5	138.7	4.4	-2.9	3.3	309.8	340.0	10.8	67.9	0.9	295.
6.0	25.0	2365.4	775.0	15.0	10.1	153.4	3.4	-1.5	3.0	310.0	338.3	10.1	72.2	1.1	303.
6.9	27.0	2643.4	750.0	14.3	7.8	149.2	2.4	-1.3	2.1	312.1	337.6	8.9	65.3	1.3	306.
8.0	29.5	2929.5	725.0	12.1	6.2	129.3	3.4	-2.6	2.1	312.8	336.5	8.3	67.2	1.4	307.
9.1	31.9	3223.1	700.0	10.1	4.2	132.4	5.1	-3.7	3.4	313.6	335.2	7.4	66.9	1.7	307.
10.2	34.3	3525.1	675.0	7.9	2.1	135.1	4.3	-3.4	3.4	314.5	334.0	6.6	66.7	2.1	309.
11.3	36.8	3836.2	650.0	5.9	1.6	113.9	3.5	-3.2	1.4	315.6	335.1	6.6	74.1	2.4	309.
12.4	39.3	4156.6	625.0	3.5	0.4	94.2	3.8	-3.8	-0.4	315.4	335.1	6.3	80.2	2.5	306.
13.6	41.8	4487.0	600.0	0.9	-0.2	67.7	4.3	-4.0	-1.6	317.2	335.1	6.0	88.2	2.7	301.
14.9	44.6	4828.6	575.0	-1.3	-2.4	64.2	4.7	-4.2	-2.0	318.5	335.3	5.6	92.5	2.9	295.
16.2	47.4	5182.0	550.0	-3.7	-5.3	83.5	4.7	-4.7	-0.5	319.7	334.0	4.7	88.8	3.2	291.
17.4	50.3	5549.0	525.0	-4.8	-5.3	77.1	5.7	-5.6	-1.3	322.6	333.9	3.6	70.8	3.6	288.
18.8	53.1	5932.2	500.0	-6.3	-12.3	55.7	5.2	-4.3	-2.9	325.4	334.9	3.0	62.6	3.9	284.
20.4	56.0	6332.2	475.0	-7.9	-13.8	12.8	4.6	-1.0	-4.5	328.2	337.2	2.8	62.6	4.1	278.
21.9	59.1	6750.7	450.0	-10.0	-17.4	2.0	4.3	-0.1	-4.3	329.6	336.7	2.2	58.4	4.1	273.
23.6	62.4	7199.6	425.0	-13.3	-21.2	320.3	4.9	3.1	-3.8	331.9	337.5	1.6	51.2	4.0	256.
25.3	65.8	7647.0	400.0	-16.6	-23.0	271.9	6.3	6.3	-0.2	333.5	338.6	1.5	57.3	3.5	262.
27.0	69.3	8129.0	375.0	-20.4	-27.3	263.9	4.8	4.7	0.5	334.6	338.4	1.1	53.9	2.9	261.
28.9	73.0	8634.9	350.0	-23.6	-28.9	241.6	5.4	4.7	2.6	337.0	338.4	0.4	22.6	2.3	263.
30.9	77.0	9174.0	325.0	-28.5	-34.0	236.0	3.0	2.6	1.6	337.5	339.9	0.7	58.9	1.9	272.
33.0	81.0	9742.5	300.0	-32.7	-34.7	195.8	1.5	0.4	1.4	339.3	341.7	0.7	82.3	1.7	275.
35.3	85.4	10349.0	275.0	-37.5	-41.1	268.7	2.9	2.9	0.1	340.9	342.4	0.4	68.8	1.6	281.
38.1	90.0	10999.8	250.0	-42.8	99.9	256.2	4.5	4.4	1.1	342.5	999.9	99.9	999.9	1.0	291.
41.2	95.2	11702.2	225.0	-48.7	99.9	260.0	5.2	5.1	0.9	343.8	999.9	99.9	999.9	0.7	8.
44.0	100.4	12467.9	200.0	-53.8	99.9	313.5	7.5	5.4	-5.1	347.5	999.9	99.9	999.9	1.1	64.
47.5	106.5	13313.7	175.0	-59.4	99.9	336.1	5.6	2.3	-5.1	351.8	999.9	99.9	999.9	2.1	121.
51.4	113.0	14263.7	150.0	-65.5	99.9	36.1	5.3	-3.2	-4.3	357.3	999.9	99.9	999.9	2.8	140.
56.0	120.7	15354.4	125.0	-70.7	99.9	142.4	2.1	-1.3	1.7	367.0	999.9	99.9	999.9	2.8	161.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 440  
ROBERT LEE, TEXAS

9 JULY 1977  
250 GMT

122 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CCMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	585.0	949.9	25.0	20.0	300.0	0.6	0.5	-0.3	302.6	344.7	15.8	74.0	0.0	0.
99.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.7	12.1	819.8	925.0	23.7	19.1	999.9	99.9	99.9	99.9	303.6	344.5	15.2	75.2	999.9	999.
1.7	14.2	1059.0	900.0	22.8	16.3	265.4	2.8	2.8	0.2	305.0	340.7	13.1	67.0	0.5	105.
2.5	15.0	1304.6	875.0	21.9	14.6	99.0	3.0	-2.0	0.5	306.6	339.8	12.1	63.2	0.5	104.
3.4	13.2	1557.0	850.0	21.5	13.7	111.1	4.9	-4.6	1.2	308.7	341.2	11.7	61.2	0.2	102.
4.5	20.3	1815.6	825.0	19.7	13.1	143.5	5.0	-3.0	4.1	309.4	341.8	11.6	65.0	0.1	358.
5.6	22.3	2080.4	800.0	17.7	11.3	162.3	7.0	-2.1	6.6	310.1	339.7	10.6	65.9	0.5	339.
6.7	24.6	2351.5	775.0	15.2	10.5	165.7	7.1	-1.7	6.8	310.2	339.3	10.4	73.3	1.0	341.
7.8	26.7	2629.1	750.0	12.7	10.4	164.0	5.2	-1.4	5.0	310.4	340.3	10.7	85.7	1.4	343.
9.7	29.1	2913.3	725.0	10.2	8.6	147.7	3.3	-1.8	2.8	310.7	338.1	9.7	85.6	1.7	342.
9.8	31.5	3205.3	700.0	8.0	6.7	124.0	3.3	-2.7	1.8	311.4	336.6	8.9	91.4	1.6	340.
11.0	34.0	3504.2	675.0	7.2	3.5	113.9	2.9	-3.6	1.6	313.7	335.0	7.3	77.2	2.0	334.
12.2	35.3	3816.2	650.0	6.2	0.5	90.4	2.6	-2.6	0.0	316.0	334.2	6.1	66.7	2.2	330.
13.6	37.0	4176.7	625.0	3.5	-0.6	55.6	2.9	-2.4	-1.6	316.4	333.9	5.9	74.6	2.2	324.
14.8	41.4	4447.6	600.0	1.6	-2.1	58.0	2.0	-2.6	-1.6	318.0	334.5	5.5	76.4	2.3	319.
15.1	44.2	4809.9	575.0	-0.3	-4.9	62.1	4.3	-3.8	-2.0	319.7	333.8	4.6	70.9	2.3	312.
17.4	47.0	5164.9	550.0	-2.3	-5.9	72.6	4.1	-3.9	-1.2	321.3	334.1	4.1	70.6	2.5	304.
18.8	50.0	5513.5	525.0	-4.2	-11.7	83.2	4.2	-4.2	-0.5	323.4	332.9	3.0	55.7	2.7	300.
20.2	52.8	5916.5	500.0	-6.3	-20.2	114.0	4.1	-3.8	1.7	324.8	330.3	1.7	36.8	3.1	296.
21.8	55.8	6315.3	475.0	-9.3	-17.9	139.1	3.0	-2.0	2.3	326.5	333.0	2.0	45.3	3.4	298.
23.4	59.0	6731.5	450.0	-11.3	-35.3	105.7	3.0	-2.9	0.8	328.4	329.9	0.4	12.1	3.6	299.
24.0	62.3	7167.7	425.0	-14.2	-42.5	122.0	2.4	-2.0	1.3	329.8	331.7	0.2	8.0	3.9	297.
25.6	65.7	7625.5	400.0	-16.5	-57.2	157.5	4.0	-1.5	3.7	330.6	333.7	0.0	1.5	4.2	301.
29.4	69.3	8106.6	375.0	-20.9	-54.1	143.6	4.1	-2.5	3.3	334.1	334.4	0.1	3.3	4.6	303.
30.5	72.9	8613.6	350.0	-23.7	-50.8	129.3	2.2	-1.7	1.4	336.6	337.0	0.0	1.8	5.0	304.
32.5	75.9	9131.0	325.0	-27.9	-56.6	79.5	1.5	-1.5	-0.3	335.3	338.5	0.1	4.5	5.2	304.
34.5	81.0	9720.2	300.0	-32.6	-52.0	55.0	2.4	-2.0	-1.3	339.5	339.6	0.0	3.5	5.3	302.
36.8	85.7	10327.5	275.0	-37.6	-43.4	31.0	4.7	-2.4	-4.0	340.7	341.8	0.3	54.1	5.2	296.
39.4	90.0	10977.6	250.0	-42.9	-39.9	55.5	4.1	-3.4	-2.3	342.2	999.9	99.9	999.9	5.6	290.
42.3	95.2	11690.2	225.0	-48.7	-39.9	45.6	3.5	-2.5	-2.4	343.8	999.9	99.9	999.9	5.8	284.
45.7	100.4	12446.5	200.0	-53.6	-39.9	16.7	3.2	-0.9	-3.1	347.9	999.9	99.9	999.9	6.3	278.
49.2	106.5	13277.5	175.0	-59.3	-39.9	62.4	6.5	-6.0	-3.1	351.3	999.9	99.9	999.9	6.8	271.
53.2	113.0	14340.0	150.0	-66.5	-39.9	25.4	5.1	-2.2	-4.6	355.5	999.9	99.9	999.9	7.8	266.
57.4	120.7	15378.1	125.0	-72.2	-39.9	107.9	6.4	-6.1	2.0	364.3	999.9	99.9	999.9	9.2	262.
62.4	129.0	16440.5	100.0	-72.1	-39.9	99.9	99.9	99.9	99.9	383.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JULY 1977  
300 GMT

130 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	791.0	929.1	21.5	20.8	240.0	2.1	1.8	1.0	301.0	345.9	17.0	96.0	0.0	0.
99.9	99.9	59.9	1000.0	99.9	99.9	59.9	59.9	99.9	99.9	99.9	599.9	99.9	999.9	999.9	999.9
99.9	99.9	89.9	575.0	99.9	99.9	59.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	995.9	999.9
0.0	14.4	910.2	525.0	22.1	99.5	599.9	59.9	99.9	99.9	302.0	999.9	99.9	955.5	999.9	999.9
0.8	15.7	1040.0	900.0	22.7	15.2	599.9	99.9	99.9	99.9	305.0	338.3	12.2	62.6	999.9	999.9
1.7	19.3	1294.3	875.0	21.7	13.2	129.1	4.3	-3.4	2.7	306.3	336.7	11.0	58.5	0.4	347.
2.7	21.4	1545.9	850.0	20.4	11.2	113.0	5.3	-4.9	2.1	307.5	335.1	9.9	55.4	0.6	328.
3.7	24.4	1803.5	825.0	19.5	9.5	101.3	4.9	-4.8	1.0	309.2	334.9	9.1	52.5	0.9	314.
4.9	26.9	2067.7	800.0	17.5	7.9	127.5	5.9	-4.7	3.6	309.8	333.7	8.4	52.3	1.3	307.
6.0	29.7	2339.4	775.0	14.9	8.8	141.0	5.5	-4.1	5.0	309.8	335.9	9.2	67.2	1.7	310.
7.0	32.4	2615.6	750.0	12.8	10.0	141.3	5.4	-3.4	4.2	310.5	339.7	10.4	83.0	2.0	312.
9.1	35.2	2900.4	725.0	11.3	5.5	117.7	5.9	-5.3	2.8	311.9	335.0	8.1	65.2	2.4	313.
9.0	38.0	3183.4	700.0	10.1	1.9	103.5	5.7	-5.4	1.3	313.6	332.1	6.3	56.8	2.7	309.
10.0	40.8	3495.2	675.0	8.0	0.2	98.3	4.5	-4.4	0.7	314.6	331.7	5.8	57.5	3.0	306.
11.0	43.8	3806.1	650.0	6.2	-1.2	72.0	5.3	-5.0	-1.6	316.0	332.2	5.4	59.2	3.2	304.
12.3	46.8	4126.7	625.0	4.3	-2.1	65.3	5.6	-5.1	-2.3	317.4	333.1	5.2	62.7	3.4	297.
13.6	50.0	4459.7	600.0	2.9	-4.6	77.3	5.3	-5.2	-1.1	319.5	333.3	4.5	57.6	3.7	292.
15.0	53.0	4802.7	575.0	0.0	-5.2	82.3	5.9	-5.8	-0.8	321.1	335.0	4.5	63.7	4.1	289.
16.1	56.0	5154.0	550.0	-1.8	-6.4	84.3	6.2	-6.2	-0.4	322.0	335.3	4.3	70.8	4.5	287.
17.4	59.4	5527.7	525.0	-4.1	-9.4	100.0	4.4	-4.3	0.8	323.5	334.7	3.6	66.5	4.9	286.
18.8	63.0	5910.8	500.0	-5.9	-9.5	112.8	2.3	-2.1	0.9	324.7	336.5	3.7	81.3	5.3	285.
20.2	66.3	6310.4	475.0	-8.1	-13.1	129.9	1.5	0.2	1.5	327.3	336.8	2.9	65.8	5.3	286.
21.7	70.0	6727.8	450.0	-11.2	-19.1	213.9	1.2	0.7	1.0	329.2	336.0	2.0	56.6	5.3	288.
23.4	73.5	7164.6	425.0	-14.1	-18.9	137.6	1.3	-0.9	1.0	330.9	337.6	2.0	47.0	5.3	285.
24.9	77.5	7622.2	400.0	-17.0	-20.9	156.9	1.0	-0.4	0.9	332.9	339.0	1.8	71.4	5.4	289.
26.6	81.3	8103.9	375.0	-20.3	-21.9	215.7	0.8	0.5	0.6	335.7	340.7	1.8	66.7	5.4	291.
28.4	85.4	8517.1	350.0	-23.7	-25.4	239.4	1.3	1.2	0.7	338.8	341.6	1.4	85.9	5.4	251.
30.2	89.8	9140.4	325.0	-28.0	-28.4	219.8	3.4	2.1	2.6	333.1	341.7	1.0	87.6	5.3	293.
31.9	94.5	9719.6	300.0	-32.2	-33.6	109.7	1.9	-1.8	0.6	340.0	342.7	0.7	67.8	5.3	256.
34.0	99.2	10327.7	275.0	-37.1	-40.3	101.5	1.9	-1.9	0.4	341.5	343.0	0.4	71.9	5.6	294.
36.1	104.3	10980.1	250.0	-41.5	99.9	5.7	1.9	-0.2	-1.8	344.2	999.9	95.9	955.9	5.6	294.
38.7	109.8	11687.1	225.0	-46.4	99.9	53.4	4.4	-3.5	-2.6	347.4	999.9	99.9	999.9	5.7	288.
41.1	115.4	12461.0	200.0	-51.5	99.9	319.6	5.2	3.4	-3.9	351.3	999.9	99.9	999.9	6.4	286.
44.0	121.8	13314.6	175.0	-58.2	99.9	348.6	4.9	1.1	-4.8	353.9	999.9	99.9	955.9	5.2	277.
45.7	129.7	14270.5	150.0	-64.3	99.9	90.8	5.0	-4.1	-2.9	353.3	999.9	99.9	955.9	5.5	275.
49.7	135.0	15371.6	125.0	-68.9	99.9	99.9	5.1	-6.1	0.1	373.3	599.9	55.9	955.9	6.1	270.
53.2	143.0	16505.0	100.0	-72.5	99.9	99.9	99.9	99.9	99.9	387.6	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.5	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JULY 1977  
1500 GMT

121 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	977.0	921.1	26.1	17.2	160.0	2.6	-0.9	2.4	306.4	343.4	13.6	58.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
09.9	00.0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	15.9	1075.9	900.0	22.9	16.6	182.2	1.7	0.1	1.7	305.1	341.4	13.4	67.9	0.1	343.
1.6	18.3	1721.2	875.0	21.0	15.6	217.5	3.2	2.0	2.6	305.6	340.3	12.9	71.6	0.2	360.
2.6	20.8	1572.0	850.0	19.2	14.7	237.1	8.2	6.9	4.4	305.3	340.5	12.5	74.9	0.5	29.
3.6	23.3	1825.7	825.0	17.3	13.1	244.0	8.0	7.2	3.5	306.9	338.8	11.6	75.9	1.0	45.
4.5	25.8	2091.7	800.0	17.0	10.6	230.8	5.1	4.0	3.2	309.2	337.6	10.1	66.2	1.4	49.
5.6	29.4	2362.6	775.0	15.4	9.0	195.6	3.7	1.0	3.6	310.4	336.9	9.4	65.6	1.6	47.
6.7	31.0	2540.0	750.0	13.1	8.1	172.2	4.0	-0.5	4.0	310.8	336.6	9.1	71.6	1.8	41.
7.7	33.6	2925.1	725.0	11.2	6.2	159.2	5.7	-1.1	5.5	311.8	335.4	8.3	71.2	2.0	35.
8.8	36.2	3217.5	700.0	9.0	4.5	175.2	4.9	-0.4	4.9	312.5	334.4	7.6	73.3	2.3	29.
9.7	39.0	3519.3	675.0	7.3	2.2	174.5	2.8	-0.3	2.8	313.8	333.2	6.7	70.0	2.4	26.
10.8	41.8	3829.6	650.0	5.7	-1.2	175.4	3.1	-0.2	3.1	315.4	331.5	5.4	61.3	2.6	24.
11.8	44.6	4148.8	625.0	3.9	-7.6	175.1	3.0	-0.3	3.0	316.9	327.5	3.4	42.6	2.8	22.
12.9	47.4	4479.7	600.0	1.7	-5.9	146.0	2.4	-1.3	2.0	318.1	330.6	4.1	57.0	2.9	20.
14.0	50.4	4921.1	575.0	-0.8	-8.0	85.1	2.1	-2.1	-0.2	319.0	330.3	3.7	58.2	2.9	17.
15.3	53.4	5174.5	550.0	-2.5	-14.3	43.8	0.4	-0.3	-0.3	321.1	326.5	2.3	40.0	2.9	15.
15.6	56.5	5547.2	525.0	-4.7	-16.1	999.9	99.9	99.9	99.9	322.7	329.4	2.1	40.4	999.9	999.
18.0	59.6	5936.0	500.0	-6.9	-11.4	999.9	99.9	99.9	99.9	324.6	334.8	3.2	70.3	999.9	999.
19.4	62.8	6324.5	475.0	0.7	-15.3	20.6	1.7	-0.6	-1.6	325.9	333.6	2.4	61.5	2.5	22.
21.0	66.1	6740.5	450.0	-11.6	-24.5	104.6	3.6	-3.5	0.9	328.7	332.7	1.2	34.4	2.5	19.
22.5	69.6	7176.2	425.0	-14.2	-21.1	102.8	2.7	-2.6	0.6	330.8	336.4	1.7	55.7	2.4	9.
24.3	73.1	7624.3	400.0	-17.1	-34.0	147.5	2.1	-1.1	1.8	332.5	334.7	0.5	21.3	2.6	6.
25.9	76.9	8114.4	375.0	-21.4	-31.4	92.2	1.7	-1.7	0.1	333.3	336.0	0.7	39.9	2.7	3.
27.7	80.7	8630.7	350.0	-24.6	-29.3	69.9	4.0	-3.7	-1.4	335.6	339.0	1.0	64.4	2.6	355.
29.9	84.7	9157.6	325.0	-27.3	-41.3	353.3	4.4	0.5	-4.4	339.0	340.2	0.3	24.8	2.3	345.
31.9	88.9	9727.9	300.0	-32.5	-44.5	9.9	5.8	-1.0	-5.7	339.6	340.5	0.2	28.6	1.6	346.
34.1	93.2	10374.4	275.0	-37.9	-47.4	50.0	3.6	-2.9	-2.3	340.3	341.6	0.2	35.9	1.2	325.
36.3	97.6	10985.8	250.0	-42.0	99.9	134.1	3.4	-2.5	2.4	343.6	999.9	99.9	999.9	1.5	317.
38.8	102.4	11699.8	225.0	-47.3	99.9	333.7	3.2	1.4	-2.9	346.1	999.9	99.9	999.9	1.7	317.
41.9	107.5	12441.3	200.0	-52.8	99.9	0.5	3.8	-0.0	-3.8	349.2	999.9	99.9	999.9	1.1	290.
45.1	113.2	13309.9	175.0	-59.9	99.9	21.4	5.1	-1.9	-4.8	351.0	999.9	99.9	999.9	1.3	255.
49.7	119.3	14255.4	150.0	-66.9	99.9	45.0	7.3	-5.4	-5.0	354.9	999.9	99.9	999.9	2.5	228.
52.6	126.0	15749.7	125.0	-70.2	99.9	32.8	11.9	-6.5	-10.0	367.8	999.9	99.9	999.9	4.2	225.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JULY 1977  
1500 GMT  
132 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	771.0	533.0	25.1	17.8	0.0	0.0	0.0	0.0	304.2	341.9	13.9	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	14.0	846.7	925.0	24.0	17.9	999.9	99.9	99.9	99.9	303.9	342.0	14.1	68.8	999.9	999.9
1.2	16.3	1036.7	500.0	21.7	17.4	999.9	99.9	99.9	99.9	303.9	341.9	14.1	76.3	999.9	999.9
2.2	18.9	1370.7	875.0	19.6	17.2	241.3	2.2	1.2	1.2	304.2	342.6	14.3	85.8	0.2	61.
3.3	21.3	1580.7	850.0	18.5	15.3	235.3	3.0	2.5	1.6	305.5	341.1	13.0	81.6	0.4	58.
4.4	24.0	1876.6	825.0	16.8	11.6	235.6	2.9	2.4	1.6	306.4	335.4	10.5	71.4	0.6	58.
5.4	26.5	2099.1	800.0	15.6	10.2	226.5	3.9	2.8	2.7	307.8	335.3	9.9	70.5	0.8	56.
6.5	29.2	2349.4	775.0	14.1	7.5	213.1	2.7	1.5	2.3	309.0	332.9	8.5	64.5	1.0	53.
7.7	32.1	2645.0	750.0	12.5	6.5	194.7	1.9	0.5	1.8	310.2	333.4	8.2	66.7	1.2	50.
8.9	35.0	2929.2	725.0	11.1	5.3	161.1	3.9	-1.2	3.6	311.7	333.9	7.7	67.3	1.3	42.
10.0	37.7	3231.7	700.0	8.6	3.2	172.7	3.0	-0.4	3.0	312.0	332.0	6.9	68.8	1.4	31.
11.2	40.4	3522.2	675.0	6.9	0.9	239.4	2.9	2.5	1.5	313.4	331.2	6.1	65.6	1.6	32.
12.4	43.5	3813.6	650.0	4.7	-1.2	254.8	4.1	4.0	1.1	314.3	330.3	5.4	65.7	1.8	37.
13.5	46.6	4105.9	625.0	2.9	-0.6	251.1	3.8	3.6	1.2	315.7	333.2	5.9	78.1	2.0	42.
14.8	49.9	4390.4	600.0	0.6	-2.8	243.1	3.0	2.7	1.4	316.8	332.3	5.2	77.9	2.3	45.
16.0	52.9	4671.8	575.0	-1.7	-4.9	265.4	2.2	2.2	0.2	319.5	332.5	4.6	76.4	2.5	47.
17.4	56.0	4954.0	550.0	-3.4	-5.7	325.1	1.3	1.3	-1.9	320.3	332.9	4.6	64.2	2.5	50.
19.8	59.4	5241.6	525.0	-5.1	-8.3	331.5	2.6	1.3	-2.3	321.1	333.2	3.9	84.6	2.5	55.
20.3	63.0	5523.4	500.0	-6.1	-11.4	309.9	1.7	1.3	-1.1	323.2	333.3	3.2	77.0	2.5	60.
21.8	66.4	5813.8	475.0	-9.7	-14.3	241.7	2.1	1.9	1.0	325.2	334.5	2.7	65.0	2.6	62.
23.4	70.1	6105.3	450.0	-12.6	-16.6	212.7	3.5	1.9	2.9	327.4	335.0	2.3	71.9	2.9	59.
25.1	73.7	6400.4	425.0	-15.5	-19.3	251.4	3.3	3.2	1.1	329.1	335.6	2.0	72.8	3.2	58.
26.7	77.7	6695.0	400.0	-18.9	-23.2	251.1	4.6	4.5	1.5	330.5	335.5	1.5	68.5	3.6	60.
28.5	81.7	6994.7	375.0	-21.1	-30.4	242.4	3.9	3.5	1.8	333.7	336.6	0.5	42.8	4.0	61.
30.3	85.9	7290.5	350.0	-24.6	-42.4	251.7	5.2	5.2	0.5	335.6	336.2	0.2	11.2	4.5	62.
32.2	90.2	7584.9	325.0	-28.9	-34.9	274.2	4.4	4.4	-0.4	336.8	335.0	0.6	56.0	5.0	66.
34.3	95.0	7877.5	300.0	-32.8	-45.3	253.7	4.0	3.9	1.1	339.1	343.0	0.2	27.3	5.5	67.
36.2	99.8	8170.1	275.0	-36.2	-51.3	260.0	4.7	4.1	2.3	339.9	340.4	0.1	23.3	6.0	67.
38.8	105.0	8465.6	250.0	-43.5	-59.5	235.9	3.3	3.8	1.3	342.8	999.9	99.9	999.9	6.7	66.
41.4	110.5	8764.4	225.0	-45.6	99.9	241.1	3.6	3.5	-0.7	347.0	999.9	99.9	999.9	7.2	67.
44.2	115.7	9067.6	200.0	-53.6	99.9	299.5	3.0	2.6	-1.5	347.9	999.9	99.9	999.9	7.6	70.
47.4	122.8	9370.3	175.0	-59.5	99.9	301.1	7.5	-3.8	-0.5	351.7	999.9	99.9	999.9	7.5	76.
50.7	129.7	9680.4	150.0	-64.0	99.9	61.4	4.3	-3.8	-2.1	356.5	999.9	99.9	999.9	6.4	80.
54.9	137.0	9991.8	125.0	-71.0	99.9	159.3	6.4	0.1	-0.4	366.4	999.9	99.9	999.9	6.2	82.
59.6	144.0	10225.2	100.0	-63.9	99.9	99.9	99.9	99.9	99.9	392.7	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

9 JULY 1977  
1452 GMT

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TIME MIN	CNTC <sup>*</sup>	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	545.0	951.6	26.1	19.7	170.0	1.1	-0.2	1.1	303.5	344.9	15.4	68.0	0.0	0.
99.9	99.9	59.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	10.6	599.9	950.0	26.0	19.3	999.9	99.9	99.9	99.9	303.5	343.9	15.0	66.7	999.9	999.
0.3	12.7	834.4	925.0	23.5	17.2	999.9	99.9	99.9	99.9	303.4	339.8	13.5	67.6	999.9	999.
1.6	15.0	1077.9	903.0	22.5	16.8	999.9	99.9	99.9	99.9	304.7	341.5	13.6	70.4	999.9	999.
2.7	17.0	1319.1	875.0	20.9	15.9	251.4	7.8	7.4	2.5	305.4	341.2	13.2	72.9	0.8	60.
3.7	19.3	1570.0	850.0	19.6	13.8	251.0	5.5	5.4	0.9	306.7	339.2	11.8	69.5	1.2	66.
4.9	21.5	1827.2	825.0	18.5	12.5	267.7	3.4	3.4	0.1	309.2	335.2	11.2	68.0	1.5	70.
6.0	23.9	2091.0	800.0	16.5	10.7	295.5	2.4	1.0	2.1	308.8	337.2	10.2	68.3	1.6	70.
7.0	26.1	2361.2	775.0	14.5	9.5	160.5	3.7	-1.2	3.5	309.4	335.6	9.7	71.8	1.7	64.
9.3	25.5	2677.9	750.0	12.1	5.3	151.5	4.5	-2.1	3.9	309.7	335.8	9.2	77.5	1.8	53.
9.5	31.1	2921.8	725.0	10.1	7.4	154.5	4.4	-3.2	3.1	310.0	336.1	9.0	83.3	1.7	42.
10.7	32.7	3217.5	700.0	8.1	5.0	166.6	3.9	-2.2	3.3	311.5	333.9	7.9	80.7	1.8	31.
12.0	36.1	3513.5	675.0	6.5	1.6	155.1	1.2	-0.5	1.1	313.1	331.7	6.4	70.3	1.9	26.
13.4	39.8	3827.3	650.0	5.3	-0.9	87.2	1.4	-1.4	-0.1	314.9	331.3	5.5	64.5	2.0	25.
14.8	41.3	4143.3	625.0	3.8	-5.4	57.7	2.0	-1.7	-1.1	316.8	329.3	4.1	50.9	1.8	21.
16.2	44.1	4474.2	600.0	2.3	-7.9	335.1	2.3	1.0	-2.1	318.8	329.7	3.5	46.9	1.7	20.
17.7	47.1	4816.8	575.0	0.2	-12.9	257.4	1.1	1.1	0.2	320.2	328.0	2.5	36.6	1.6	27.
19.2	50.1	5171.2	550.0	-3.0	-17.2	251.0	1.5	1.4	0.5	320.5	325.3	1.8	32.5	1.7	27.
20.7	52.9	5539.6	525.0	-4.3	-21.0	249.4	0.7	0.7	0.0	323.2	327.7	1.4	25.7	1.8	33.
22.2	55.9	5921.3	500.0	-5.8	-29.3	310.5	1.3	1.0	-0.8	324.7	327.1	0.7	14.8	1.8	32.
23.9	59.0	6319.3	475.0	-9.5	-25.9	282.9	1.4	1.4	-0.3	325.2	329.1	1.0	25.4	1.9	39.
25.4	62.3	6734.4	450.0	-12.9	-30.2	324.4	1.2	0.7	-1.0	327.1	329.5	0.7	21.7	1.8	41.
27.1	65.7	7149.2	425.0	-14.5	-37.6	163.3	1.3	-0.4	1.2	330.3	331.6	0.3	12.0	1.9	43.
29.2	69.2	7625.4	400.0	-17.5	-32.8	291.5	1.0	1.0	-0.4	332.3	333.5	0.3	13.5	1.9	41.
31.2	72.7	8104.9	375.0	-21.4	-41.9	94.7	2.0	-2.0	0.3	333.4	334.3	0.3	12.7	1.9	40.
33.3	76.7	8610.7	350.0	-24.5	-44.5	40.0	3.2	-2.3	-1.6	335.3	335.1	0.2	13.4	1.6	33.
35.4	80.6	9145.4	325.0	-28.8	-42.0	43.0	3.5	-2.6	-2.3	336.9	337.5	0.1	13.7	1.3	27.
37.9	84.8	9712.2	300.0	-33.2	-47.8	47.2	5.9	-5.3	-2.2	337.8	338.4	0.2	22.7	0.8	0.
40.3	89.0	10314.9	275.0	-35.1	-48.2	72.7	7.9	-7.5	-2.3	340.0	341.0	0.3	52.2	1.0	294.
42.9	93.8	10954.5	250.0	-42.9	99.9	95.2	8.5	-8.5	0.8	342.3	999.9	99.9	999.9	2.2	277.
45.7	99.9	11657.6	225.0	-47.5	99.9	103.7	9.1	-8.8	2.2	346.0	999.9	99.9	999.9	3.8	279.
48.3	104.2	12470.5	200.0	-53.1	99.9	94.6	4.9	-4.8	0.4	348.7	999.9	99.9	999.9	5.3	280.
52.0	110.0	13290.0	175.0	-58.5	99.9	342.3	10.5	3.2	-10.0	353.1	999.9	99.9	999.9	5.2	272.
55.5	115.0	14241.2	150.0	-55.6	99.9	15.3	7.9	-2.1	-7.7	357.1	999.9	99.9	999.9	5.5	246.
59.7	123.3	15334.2	125.0	-59.8	99.9	57.7	13.9	-12.3	-5.3	358.5	999.9	99.9	999.9	7.4	236.
64.3	130.8	16659.2	100.0	-68.8	99.9	999.9	99.9	99.9	99.9	394.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JULY 1977  
1500 GMT

125 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PDT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	781.0	930.0	25.0	20.9	210.0	2.1	1.0	1.8	304.4	350.1	17.0	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	12.8	829.3	925.0	24.7*	99.9	999.9	99.9	99.9	99.9	304.6	999.9	99.9	999.9	999.9	999.
0.7	15.2	1066.7	900.0	22.0*	99.9	999.9	99.9	99.9	99.9	304.2	999.9	99.9	999.9	999.9	999.
1.5	17.4	1310.6	875.0	19.9	14.1	999.9	99.9	99.9	99.9	304.5	336.2	11.6	69.0	999.9	999.
2.3	19.8	1560.9	850.0	19.5	13.6	222.5	2.8	1.9	2.1	306.6	338.6	11.6	68.7	0.5	44.
3.3	22.1	1814.0	825.0	17.9	12.6	273.1	3.9	3.9	-0.2	307.5	338.5	11.2	70.9	0.7	49.
4.2	24.6	2081.6	800.0	16.9	11.0	249.5	7.9	7.4	2.8	309.2	338.2	10.4	68.3	0.9	60.
5.3	27.0	2352.2	775.0	15.5	9.3	222.4	4.2	2.8	3.1	310.5	337.5	9.6	66.4	1.4	60.
6.2	29.6	2630.1	750.0	13.5	7.6	204.4	2.7	1.1	2.5	311.2	336.3	8.8	67.6	1.6	57.
7.1	32.2	2915.2	725.0	11.3	5.3	166.0	2.8	0.3	2.7	311.9	334.2	7.8	66.5	1.7	54.
8.2	35.0	3207.9	700.0	9.2	3.7	177.3	3.2	-0.2	3.2	312.7	333.4	7.2	68.2	1.8	48.
9.3	37.6	3505.2	675.0	7.6	2.4	176.6	2.9	-0.2	2.9	314.1	333.8	6.8	65.5	1.9	43.
10.4	40.4	3819.7	650.0	5.6	1.2	196.4	2.1	0.6	2.0	315.3	334.2	6.5	73.5	2.0	40.
11.6	43.0	4139.6	625.0	3.4	-0.9	205.5	1.8	0.8	1.7	316.4	333.5	5.8	73.4	2.2	39.
12.7	46.0	4470.8	600.0	2.6	-5.5	218.5	1.4	0.9	1.1	319.1	332.1	4.3	55.2	2.3	39.
13.9	49.1	4813.9	575.0	0.4	-7.9	222.1	2.1	1.4	1.6	320.5	331.9	3.7	53.3	2.4	40.
15.0	51.9	5164.8	550.0	-1.5	-3.4	202.2	0.9	0.3	0.8	322.3	333.9	3.7	55.3	2.6	39.
16.3	55.1	5530.0	525.0	-4.2	-10.3	0.5	1.3	-0.0	-1.3	323.4	333.9	3.3	62.5	2.5	39.
17.6	58.3	5921.9	500.0	-7.2	-11.3	24.1	3.3	-1.4	-3.0	324.2	334.4	3.2	72.4	2.3	41.
19.0	61.6	6320.1	475.0	-10.1	-12.5	11.7	3.2	-0.7	-3.2	325.4	335.3	3.1	82.0	2.1	44.
20.5	65.1	6736.0	450.0	-11.3	-21.2	57.7	0.9	-0.7	-0.5	329.1	334.4	1.6	43.7	1.9	48.
22.0	68.6	7172.6	425.0	-14.3	-20.4	281.7	0.6	0.6	-0.1	330.5	336.6	1.8	60.1	1.9	44.
23.6	72.0	7630.3	400.0	-16.8	-32.0	274.9	2.0	2.0	-0.2	333.2	335.6	0.6	25.1	1.9	52.
25.4	76.0	8111.4	375.0	-20.8	-40.1	159.1	0.8	-0.3	0.7	334.1	335.2	0.3	15.7	2.2	49.
26.9	80.0	8514.3	350.0	-24.0	-33.6	49.0	2.4	-1.8	-1.6	336.4	338.7	0.6	40.5	2.0	47.
28.7	84.2	9157.7	325.0	-26.6	-42.5	264.4	7.2	7.2	0.7	340.1	341.1	0.7	20.4	1.9	52.
30.4	88.4	9730.3	300.0	-31.6	-45.0	317.9	5.4	3.6	-4.0	340.8	341.7	0.2	25.0	3.4	66.
32.4	93.2	10379.9	275.0	-34.9	-47.4	74.3	9.8	-9.4	-2.7	341.7	342.5	0.2	32.5	1.6	69.
34.1	99.0	10992.9	250.0	-40.8	99.9	133.1	0.3	-0.2	0.2	345.4	999.9	99.9	999.9	1.4	65.
36.5	103.2	11701.2	225.0	-46.6	99.9	259.9	1.6	1.6	0.3	347.2	999.9	99.9	999.9	1.6	64.
38.8	109.0	12473.3	200.0	-52.4	99.9	261.0	1.1	1.1	0.2	349.8	999.9	99.9	999.9	1.8	69.
41.2	115.0	13326.4	175.0	-57.6	99.9	22.0	8.0	-3.0	-7.4	354.9	999.9	99.9	999.9	1.6	73.
43.7	121.7	14297.4	150.0	-64.7	99.9	39.1	3.7	-2.3	-2.9	358.6	999.9	99.9	999.9	1.2	116.
46.6	129.0	15286.9	125.0	-67.9	99.9	63.7	5.3	-5.6	-2.8	372.1	999.9	99.9	999.9	1.3	155.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JULY 1977  
1800 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	373.0	920.3	28.9	17.1	250.0	2.1	2.0	0.7	309.3	346.6	13.5	49.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	15.7	1075.8	900.0	25.9	17.9	999.9	99.9	99.9	99.9	308.3	348.1	14.5	61.1	999.9	999.
1.1	18.1	1373.6	875.0	23.1	16.2	999.9	99.9	99.9	99.9	307.8	344.7	13.4	65.4	999.9	999.
1.8	20.5	1576.3	850.0	20.9	15.5	999.9	99.9	99.9	99.9	308.1	344.3	13.2	71.0	999.9	999.
2.7	23.0	1874.2	825.0	18.1	15.0	267.7	2.9	2.9	0.1	307.8	344.0	13.2	82.1	0.5	86.
3.5	25.4	2098.1	800.0	16.3	14.1	255.1	2.6	2.5	0.7	308.5	343.8	12.8	87.0	0.7	86.
4.3	28.0	2357.8	775.0	13.7	13.4	195.2	3.6	1.0	3.5	308.5	343.3	12.6	98.1	0.8	81.
5.1	30.6	2644.2	750.0	12.4	9.0	179.2	7.2	-0.2	7.2	310.0	335.5	9.0	74.6	0.9	62.
6.1	33.1	2929.3	725.0	10.9	4.7	173.0	6.8	-0.8	6.7	311.4	332.8	7.4	65.4	1.1	39.
7.1	35.8	3220.8	700.0	9.5	3.4	180.6	4.7	0.0	4.7	313.0	333.4	7.0	65.7	1.4	29.
8.3	39.6	3522.0	675.0	7.5	-2.5	200.4	3.8	1.3	3.6	314.0	328.3	4.8	45.6	1.7	26.
9.5	41.3	3822.3	650.0	5.9	-3.9	208.6	3.9	1.9	3.5	315.6	328.9	4.4	49.6	2.0	27.
10.6	44.1	4152.1	625.0	3.6	-7.7	217.7	2.6	1.6	2.1	316.5	327.1	3.4	43.6	2.2	27.
11.8	47.2	4491.8	600.0	0.7	-7.2	305.6	0.3	0.2	-0.2	316.9	328.3	3.7	55.4	2.3	28.
13.0	50.1	4822.7	575.0	-1.1	-2.7	57.7	1.5	-1.4	-0.9	313.7	329.4	3.4	56.1	2.2	28.
14.3	53.3	5174.7	550.0	-2.2	-5.6	45.9	2.7	-2.0	-1.9	320.3	334.4	4.6	82.2	2.0	25.
15.5	56.4	5547.9	525.0	-5.1	-16.3	64.5	2.9	-2.6	-1.2	322.4	329.1	2.1	41.9	1.9	22.
16.8	59.6	5925.9	500.0	-7.4	-14.9	47.7	2.4	-1.8	-1.6	324.0	331.9	2.4	55.4	1.7	17.
18.2	63.0	6373.4	475.0	0.1	-15.6	61.5	1.3	-1.2	-0.6	325.5	332.6	2.2	58.8	1.5	15.
19.6	66.4	6740.1	450.0	-11.2	-23.5	147.8	2.7	-1.4	2.3	329.2	333.5	1.3	35.4	1.6	11.
21.3	70.0	7174.5	425.0	-13.3	-40.9	193.4	3.4	0.3	3.3	331.3	332.2	0.2	8.0	1.9	7.
22.9	73.7	7624.3	400.0	-17.4	-39.7	169.9	2.4	-0.5	2.4	332.4	333.5	0.3	12.2	2.2	8.
24.7	77.5	8115.7	375.0	-20.3	-30.9	32.5	2.1	-1.1	-1.7	334.2	337.5	0.8	38.3	2.2	5.
25.9	81.5	8627.0	350.0	-24.2	-35.1	16.4	3.2	-0.9	-3.1	336.1	338.0	0.5	32.4	1.9	3.
27.7	85.7	9150.3	325.0	-28.0	-40.8	13.0	4.7	-1.1	-4.6	338.1	339.3	0.3	27.9	1.5	358.
29.6	90.0	9729.2	300.0	-32.9	-45.9	21.4	2.8	-1.0	-2.6	339.0	339.8	0.2	25.8	1.1	354.
31.5	94.5	10334.5	275.0	-37.8	-49.8	345.1	1.7	0.4	-1.6	340.4	341.0	0.1	27.1	0.8	350.
33.7	99.4	10997.9	250.0	-42.9	99.9	186.6	0.8	0.1	0.8	342.2	999.9	99.9	999.9	0.8	351.
36.0	104.6	11695.0	225.0	-48.5	99.9	0.5	3.8	-0.0	-3.8	344.1	999.9	99.9	999.9	0.7	348.
38.6	110.2	12452.8	200.0	-54.0	99.9	350.2	2.6	0.0	-2.6	347.7	999.9	99.9	999.9	0.2	309.
41.3	116.0	13297.3	175.0	-60.5	99.9	25.6	7.4	-3.2	-6.7	350.1	999.9	99.9	999.9	0.6	236.
44.5	122.3	14245.7	150.0	-65.5	99.9	25.1	7.7	-3.3	-7.0	357.2	999.9	99.9	999.9	2.1	220.
48.1	129.0	15340.0	125.0	-70.6	99.9	76.4	5.7	-3.5	-2.1	367.1	999.9	99.9	999.9	3.7	218.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JULY 1977  
1800 GMT  
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

124 100. 1

TIME MTN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.1	771.0	933.0	31.5	18.2	220.0	5.5	3.5	4.2	310.9	350.5	14.3	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
59.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.2	11.8	849.2	925.0	28.9	17.5	999.9	99.9	59.9	99.9	308.9	347.0	13.8	50.4	999.9	999.9
0.8	14.2	1051.3	900.0	26.0	16.7	999.9	99.9	59.9	99.9	308.3	345.3	13.5	56.7	999.9	999.9
1.5	15.5	1278.9	875.0	23.0	15.4	999.9	99.9	59.9	99.9	207.7	342.8	12.7	62.2	999.9	999.9
2.2	19.9	1590.7	850.0	19.5	13.2	201.2	2.9	1.0	2.6	306.6	337.9	11.4	67.1	0.4	35.
2.6	21.2	1868.0	825.0	18.2	14.0	193.8	2.2	0.5	2.2	307.9	341.9	12.3	76.5	0.5	32.
3.2	23.7	2111.3	800.0	15.5	13.4	193.4	0.7	0.2	0.7	307.7	341.4	12.2	87.2	0.5	30.
3.9	26.1	2330.6	775.0	13.2	12.1	139.9	0.9	-0.6	0.7	308.0	339.9	11.5	93.1	0.5	30.
4.8	28.7	2656.5	750.0	12.2	4.9	148.4	2.5	-1.3	2.1	309.8	330.7	7.3	61.1	0.6	21.
5.9	31.4	2840.2	725.0	10.4	3.2	178.6	2.1	-0.1	2.1	310.9	330.1	6.7	61.0	0.7	11.
7.0	34.1	3231.8	700.0	8.4	3.0	214.1	4.3	2.4	3.6	311.8	331.5	6.8	69.0	0.9	13.
9.2	36.7	3571.7	675.0	5.9	2.9	232.5	5.1	4.1	3.1	312.3	332.6	7.0	81.1	1.2	22.
9.3	39.5	3898.8	650.0	3.1	3.9	250.8	4.7	4.4	1.5	312.5	330.9	6.3	85.6	1.5	30.
10.5	42.3	4177.1	625.0	1.2	-0.1	260.2	5.2	9.1	0.9	313.8	331.7	6.1	91.2	1.7	39.
11.8	45.3	4485.3	600.0	-0.4	-2.2	262.2	4.6	4.5	0.6	315.7	331.9	5.5	87.6	2.1	47.
13.2	48.4	4825.9	575.0	-1.1	-6.1	269.7	2.5	2.5	0.0	318.7	331.6	4.2	68.4	2.3	51.
14.6	51.3	5180.2	550.0	-2.5	-7.6	234.3	1.5	1.3	0.9	321.1	333.3	3.9	67.9	2.4	53.
16.0	54.3	5547.9	525.0	-3.7	-11.1	202.2	2.6	1.0	2.4	322.7	332.6	3.1	60.7	2.6	52.
17.6	57.6	5930.0	500.0	-7.7	-13.4	215.2	2.8	1.6	2.3	323.7	332.4	2.7	63.7	2.8	50.
19.2	60.9	6327.9	475.0	-8.5	-15.5	224.4	3.6	2.5	2.6	326.1	333.9	2.4	61.6	3.1	47.
20.8	64.4	6744.1	450.0	-11.5	-18.0	273.4	5.2	5.2	-0.8	328.4	335.3	2.1	60.0	3.5	51.
22.4	67.9	7179.8	425.0	-14.5	-22.1	266.9	6.0	6.0	0.3	330.3	335.5	1.5	52.6	3.9	57.
24.2	71.4	7637.5	400.0	-17.0	-26.8	260.5	4.4	4.4	0.7	332.8	333.5	0.2	6.8	4.4	60.
26.1	75.3	8119.2	375.0	-20.7	-30.7	249.0	4.4	4.2	-1.3	334.2	337.1	0.8	42.8	4.8	63.
29.0	79.4	8633.7	350.0	-25.3	-31.6	311.3	5.5	4.2	-3.7	334.6	337.4	0.8	55.4	5.1	69.
30.0	83.3	9157.9	325.0	-28.9	-38.1	313.0	3.6	2.6	-2.5	336.9	338.5	0.4	40.4	5.4	74.
32.0	87.5	9756.6	300.0	-32.0	-44.2	317.6	3.4	2.3	-2.5	338.9	339.8	0.2	31.2	5.6	78.
34.3	92.2	10331.2	275.0	-37.7	-46.7	312.8	4.2	3.0	-2.8	340.6	340.9	0.1	11.6	5.9	81.
37.1	97.0	10981.0	250.0	-42.8	-54.9	349.5	1.5	0.3	-1.6	342.5	349.9	99.9	955.9	6.2	86.
39.5	101.9	11643.0	225.0	-48.5	-60.9	43.2	2.4	-1.6	-1.7	344.1	349.9	99.9	999.9	6.1	98.
42.5	107.4	12439.5	200.0	-51.5	99.9	351.8	2.7	0.4	-2.6	348.0	349.9	99.9	955.9	6.0	90.
45.7	113.3	13295.5	175.0	-60.4	99.9	1.3	5.7	-0.1	-5.7	350.3	349.9	99.9	955.9	6.0	98.
49.2	119.5	14241.9	150.0	-66.4	99.9	25.5	3.7	-1.6	-3.4	355.7	349.9	99.9	999.9	6.2	108.
53.3	125.5	15376.1	125.0	-71.4	99.9	99.9	8.6	-9.5	1.4	365.8	349.9	99.9	999.9	999.9	999.9
58.0	134.0	16654.7	100.0	-70.9	99.9	99.9	99.9	99.9	99.9	390.8	349.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 440  
ROBERT LEE, TEXAS

9 JULY 1977  
1753 GMT

127 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	595.0	951.6	32.5	20.4	999.9	99.9	99.9	99.9	310.0	354.4	16.1	49.0	999.9	999.9
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	10.5	600.2	950.0	32.1	19.5	999.9	99.9	99.9	99.9	309.9	353.0	15.7	48.7	999.9	999.9
0.9	12.5	839.9	925.0	28.2	17.5	999.9	99.9	99.9	99.9	308.2	346.1	13.8	52.3	999.9	999.9
1.6	14.7	1091.7	900.0	25.7	16.7	999.9	99.9	99.9	99.9	309.0	345.0	13.5	57.7	999.9	999.9
2.4	16.7	1399.3	875.0	23.1	15.5	999.9	99.9	99.9	99.9	307.8	343.0	12.8	62.2	999.9	999.9
3.2	19.9	1591.5	850.0	20.3	13.6	999.9	99.9	99.9	99.9	307.4	339.6	11.7	65.6	999.9	999.9
4.1	21.0	1939.0	825.0	18.0	13.2	999.9	99.9	99.9	99.9	307.7	340.0	11.7	73.6	999.9	999.9
4.8	23.3	2102.6	800.0	16.7	10.4	999.9	99.9	99.9	99.9	308.5	336.5	10.0	68.4	999.9	999.9
5.0	25.6	2372.3	775.0	14.0	8.8	999.9	99.9	99.9	99.9	308.9	334.8	9.3	71.0	999.9	999.9
5.9	27.9	2649.3	750.0	11.4	8.3	999.9	99.9	99.9	99.9	309.0	334.9	9.2	81.1	999.9	999.9
4.3	30.5	2931.4	725.0	9.7	6.0	999.9	99.9	99.9	99.9	310.1	333.2	8.1	77.3	999.9	999.9
9.0	33.0	3222.5	700.0	8.0	3.7	999.9	99.9	99.9	99.9	311.4	332.0	7.2	74.1	999.9	999.9
10.0	35.5	3522.4	675.0	6.3	1.0	999.9	99.9	99.9	99.9	312.2	330.7	6.1	68.7	999.9	999.9
11.2	38.0	3831.6	650.0	4.5	-1.1	999.9	99.9	99.9	99.9	314.1	330.2	5.5	66.8	999.9	999.9
12.3	40.5	4150.5	625.0	2.6	-4.2	999.9	99.9	99.9	99.9	315.4	328.9	4.5	60.8	999.9	999.9
13.4	43.3	4489.1	600.0	1.0	-8.0	999.9	99.9	99.9	99.9	317.3	328.1	3.5	51.0	999.9	999.9
14.5	46.1	4821.5	575.0	-0.5	-15.3	999.9	99.9	99.9	99.9	319.4	325.9	2.0	31.6	999.9	999.9
15.9	49.1	5175.4	550.0	-3.0	-15.3	999.9	99.9	99.9	99.9	320.5	327.3	2.1	38.2	999.9	999.9
17.3	52.0	5549.0	525.0	-5.4	-17.2	999.9	99.9	99.9	99.9	322.0	328.1	1.9	39.6	999.9	999.9
18.7	55.1	5927.3	500.0	-7.8*	-9.9	999.9	99.9	99.9	99.9	323.5	329.9	99.9	999.9	999.9	999.9
20.3	59.1	6320.9	475.0	-9.3*	99.9	999.9	99.9	99.9	99.9	325.5	329.9	99.9	999.9	999.9	999.9
21.9	61.5	6727.7	450.0	-10.8*	-34.4	999.9	99.9	99.9	99.9	329.6	331.3	0.5	12.3	999.9	999.9
23.4	64.2	7174.6	425.0	-13.6	-36.6	999.9	99.9	99.9	99.9	331.5	332.9	0.4	12.3	999.9	999.9
25.2	69.4	7622.6	400.0	-17.3	-39.5	999.9	99.9	99.9	99.9	332.6	333.7	0.3	12.2	999.9	999.9
26.9	71.9	8112.6	375.0	-20.5	-42.0	999.9	99.9	99.9	99.9	334.4	335.4	0.2	12.5	999.9	999.9
28.9	75.8	8619.5	350.0	-24.3	-40.5	999.9	99.9	99.9	99.9	336.0	337.2	0.3	20.4	999.9	999.9
30.9	80.0	9155.7	325.0	-27.9	-42.5	999.9	99.9	99.9	99.9	339.2	339.3	0.3	23.1	999.9	999.9
32.9	84.2	9725.4	300.0	-32.7	-42.2	999.9	99.9	99.9	99.9	339.3	340.4	0.7	37.9	999.9	999.9
35.4	83.6	10372.0	275.0	-37.6	-47.2	999.9	99.9	99.9	99.9	340.7	341.5	0.2	35.8	999.9	999.9
37.9	93.5	10982.4	250.0	-42.8	99.9	999.9	99.9	99.9	99.9	342.5	342.9	99.9	999.9	999.9	999.9
40.3	93.6	11695.6	225.0	-47.7	99.9	999.9	99.9	99.9	99.9	345.5	345.9	99.9	999.9	999.9	999.9
43.0	104.0	12452.6	200.0	-53.2	99.9	999.9	99.9	99.9	99.9	349.6	349.9	99.9	999.9	999.9	999.9
45.1	110.3	13300.1	175.0	-60.2	99.9	999.9	99.9	99.9	99.9	350.5	349.9	99.9	999.9	999.9	999.9
49.5	117.0	14249.1	150.0	-65.5	99.9	999.9	99.9	99.9	99.9	357.3	349.9	99.9	999.9	999.9	999.9
53.6	125.0	15379.6	125.0	-71.5	99.9	999.9	99.9	99.9	99.9	365.5	349.9	99.9	999.9	999.9	999.9
58.1	134.0	16653.7	100.0	-68.8	99.9	999.9	99.9	99.9	99.9	390.8	349.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JULY 1977  
1800 GMT

121 94. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	781.0	929.9	23.6	19.5	270.0	1.1	1.1	0.0	308.1	350.7	15.6	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.1	12.8	829.0	925.0	27.5	18.2	999.9	99.9	99.9	99.9	307.4	348.3	15.0	59.2	999.9	999.
0.7	15.1	1070.7	900.0	25.2	17.5	999.9	99.9	99.9	99.9	307.5	346.4	14.2	62.3	999.9	999.
1.5	17.3	1317.8	875.0	22.3	15.5	999.9	99.9	99.9	99.9	307.0	342.0	12.8	65.1	999.9	999.
2.7	19.6	1569.6	850.0	20.0	15.3	259.3	3.8	3.8	0.8	307.1	342.8	13.0	74.2	0.6	89.
3.4	21.8	1827.0	825.0	17.6	15.1	250.5	4.0	4.0	0.7	307.2	343.6	13.2	85.2	0.8	86.
4.5	24.3	2090.2	800.0	16.3	11.0	202.6	4.7	1.8	4.4	308.5	337.6	10.4	70.8	1.0	78.
5.2	26.5	2360.2	775.0	14.6	9.5	211.9	4.5	2.4	3.8	309.5	336.8	9.7	71.6	1.2	70.
6.4	29.1	2677.1	750.0	12.6	8.3	190.4	5.2	0.9	5.1	310.2	336.2	9.2	75.0	1.4	60.
7.5	31.7	2921.4	725.0	10.7	6.1	138.0	4.7	0.7	4.7	311.2	334.5	8.2	73.3	1.6	51.
9.7	34.3	3217.3	700.0	8.3	4.2	200.9	3.8	1.3	3.5	311.6	333.0	7.4	75.5	1.9	45.
9.8	36.9	3513.5	675.0	6.9	2.7	226.1	2.5	1.8	1.7	313.3	333.5	6.9	74.9	2.1	43.
11.0	39.6	3827.3	650.0	5.3	-0.4	246.8	1.6	1.4	0.6	314.9	331.9	5.7	66.8	2.2	45.
12.4	42.1	4147.7	625.0	3.7	-1.7	234.4	1.3	1.1	0.8	316.7	333.0	5.4	67.7	2.3	45.
13.8	44.9	4473.0	600.0	1.5	-4.8	275.8	0.2	0.2	-0.0	317.8	331.4	4.5	63.0	2.4	46.
15.1	47.9	4815.6	575.0	-1.1	-8.0	232.2	0.7	0.5	0.4	318.7	330.0	3.6	59.3	2.4	46.
16.4	50.7	5169.9	550.0	-3.1	-11.9	254.5	1.3	1.3	0.3	320.5	329.3	2.8	50.4	2.5	47.
17.6	53.6	5576.7	525.0	-5.5	-12.1	19.2	0.9	-0.3	-0.9	321.9	331.0	2.9	59.7	2.5	48.
19.1	56.6	5913.3	500.0	-8.0	-9.1	57.1	1.0	-0.9	-0.4	323.3	335.3	3.8	91.3	2.4	48.
20.6	59.9	6315.5	475.0	-10.0	-15.3	92.0	1.8	-1.8	0.1	325.1	333.0	2.4	67.2	2.3	46.
22.1	63.1	6730.9	450.0	-11.8	-25.5	204.7	1.5	0.6	1.4	328.4	332.0	1.1	31.2	2.3	43.
23.6	66.3	7167.6	425.0	-13.1	-32.5	241.5	2.5	2.2	1.2	332.2	334.3	0.6	17.7	2.5	44.
25.1	69.9	7626.0	400.0	-17.1	-31.1	219.3	2.4	1.5	1.9	332.8	335.3	0.7	28.4	2.7	45.
26.7	73.3	8109.3	375.0	-19.6	-32.1	17.2	2.2	-0.7	-2.1	335.6	338.1	0.7	32.0	2.8	45.
29.4	77.0	8616.1	350.0	-23.5	-34.5	344.7	3.5	0.9	-3.4	337.0	339.1	0.6	24.3	2.5	50.
30.1	80.9	9157.5	325.0	-27.2	-37.5	351.7	4.9	0.7	-4.9	338.3	340.0	0.4	27.4	2.4	59.
32.1	85.0	9723.1	300.0	-32.8	-42.5	326.1	5.1	1.7	-2.6	339.2	340.3	0.3	36.8	2.4	73.
34.0	89.0	10330.1	275.0	-36.9	-46.6	179.1	2.1	-0.0	2.1	341.7	342.5	0.2	35.5	2.4	73.
36.0	93.7	10937.5	250.0	-41.5	99.9	326.1	3.6	2.0	-3.0	344.3	999.9	99.9	999.9	2.5	70.
38.2	98.4	11699.7	225.0	-47.6	99.9	303.1	1.1	1.0	-0.6	345.5	999.9	99.9	999.9	2.6	81.
40.6	103.5	12457.3	200.0	-53.1	99.9	29.5	2.2	-1.1	-2.0	348.7	999.9	99.9	999.9	2.6	85.
42.9	109.0	13307.1	175.0	-58.3	99.9	53.5	5.1	-4.7	-3.9	353.8	999.9	99.9	999.9	2.3	95.
45.5	115.0	14267.5	150.0	-63.1	99.9	67.8	5.8	-6.1	-3.0	361.3	999.9	99.9	999.9	1.5	125.
48.6	122.0	15764.5	125.0	-69.5	99.9	105.8	5.6	-5.4	1.5	369.2	999.9	99.9	999.9	1.0	175.
52.1	130.3	16692.3	100.0	-63.9	99.9	999.9	99.9	99.9	99.9	394.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JULY 1977  
1930 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.5	873.0	919.7	31.1	16.3	150.0	3.1	-1.5	2.7	311.6	347.5	12.8	41.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	15.3	1056.4	900.0	27.4	16.4	999.9	99.9	99.9	99.9	309.7	346.3	13.2	51.2	999.9	999.
2.1	17.6	1315.3	875.0	24.9	15.3	232.5	1.2	1.0	0.7	309.7	344.7	12.6	55.2	0.2	14.
3.0	20.1	1559.1	850.0	22.2	13.5	219.0	2.5	1.6	2.0	309.4	342.3	11.8	59.3	0.3	22.
4.0	22.5	1829.2	825.0	19.9	12.6	211.4	3.1	1.6	2.7	309.7	340.9	11.2	62.5	0.5	31.
5.1	25.0	2093.0	800.0	17.5	11.6	194.9	3.4	0.9	3.3	309.8	340.1	10.8	68.4	0.7	27.
5.9	27.5	2364.0	775.0	14.9	10.5	188.3	3.2	0.5	3.2	309.9	339.0	10.4	74.7	0.8	25.
5.7	30.1	2641.2	750.0	13.0	6.2	174.4	4.8	-0.5	4.8	310.7	333.4	8.0	63.2	1.0	21.
7.5	32.7	2925.9	725.0	11.1	5.4	174.4	4.8	-0.5	4.8	311.7	334.0	7.8	67.8	1.2	15.
3.5	35.3	3218.0	700.0	8.4	3.0	189.5	4.1	0.7	4.1	312.2	332.0	6.8	67.1	1.5	12.
9.7	38.0	3519.7	675.0	7.5	-1.9	221.2	4.0	2.6	3.0	314.1	326.8	5.0	51.3	1.8	14.
10.8	40.7	3829.0	650.0	5.5	-1.9	233.5	3.4	2.7	2.0	315.4	330.6	5.1	58.1	1.9	19.
11.8	43.3	4149.0	625.0	3.6	-6.2	220.2	2.7	1.7	2.1	316.6	328.6	3.9	49.3	2.1	22.
12.9	46.2	4479.3	600.0	1.4	-5.1	155.2	0.9	-0.4	0.8	317.7	330.0	4.0	57.5	2.2	21.
14.0	49.1	4821.3	575.0	-0.1	-10.7	68.8	1.9	-1.8	-0.7	319.9	325.1	2.9	44.7	2.2	19.
15.2	52.0	5175.4	550.0	-1.9	-7.1	67.7	3.1	-2.9	-1.2	321.9	334.6	4.1	67.3	2.1	16.
16.3	55.0	5545.2	525.0	-3.7	-21.9	85.9	3.4	-3.4	-0.2	324.0	328.2	1.3	22.8	2.0	10.
17.5	58.1	5929.7	500.0	5.7	-11.2	65.6	3.5	-3.5	0.3	324.9	335.3	3.3	70.3	2.0	2.
18.9	61.4	6324.4	475.0	7.9	-10.5	125.6	2.2	-1.8	1.3	325.2	330.4	0.6	14.2	2.0	356.
20.3	64.6	6747.9	450.0	-9.4	-23.0	194.0	2.6	0.6	2.5	331.4	333.3	0.5	13.0	2.2	355.
22.0	68.0	7195.7	425.0	-12.5	-38.1	236.5	2.7	2.2	1.5	332.9	334.1	0.3	5.6	2.4	360.
23.6	71.6	7645.1	400.0	-15.3	-33.8	282.1	2.3	2.2	-0.5	333.8	335.8	0.6	21.3	2.5	5.
25.2	75.1	8128.2	375.0	-19.9	-29.4	351.0	2.7	0.4	-2.7	335.3	338.5	0.9	42.1	2.3	9.
26.9	79.0	8635.6	350.0	-24.4	-32.1	4.5	2.9	-0.5	-2.8	335.9	338.6	0.7	48.1	2.0	9.
28.9	82.9	9172.4	325.0	-27.4	-38.5	23.4	3.2	-1.2	-2.9	338.4	340.0	0.4	34.4	1.7	6.
31.1	87.0	9742.5	300.0	-32.4	-43.7	17.1	2.0	-0.6	-1.9	339.7	340.7	0.3	31.0	1.4	3.
33.2	91.3	10350.4	275.0	-37.2	-50.1	348.0	2.1	0.4	-2.1	341.3	341.8	0.1	24.5	1.1	4.
35.3	95.4	11001.3	250.0	-42.2	99.9	316.0	1.1	0.8	-0.8	343.3	339.9	99.9	999.9	0.9	11.
37.7	100.5	11705.1	225.0	-47.9	99.9	14.4	4.1	-1.0	-4.0	345.1	999.9	99.9	999.9	0.7	13.
40.4	105.8	12472.9	200.0	-53.4	99.9	357.2	2.7	0.1	-2.7	345.3	999.9	99.9	999.9	0.0	0.
43.4	111.3	13320.7	175.0	-59.4	99.9	24.5	10.6	-4.4	-9.7	352.0	999.9	99.9	999.9	0.4	265.
46.9	117.3	14271.0	150.0	-64.8	99.9	63.5	8.1	-7.2	-3.6	358.4	999.9	99.9	999.9	2.3	204.
50.7	124.0	15255.7	125.0	-71.3	99.9	58.0	7.3	-6.2	-3.9	365.8	999.9	99.9	999.9	4.0	220.
55.1	131.3	16387.6	100.0	-69.9	99.9	999.9	99.9	99.9	99.9	392.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JULY 1977  
1930 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FRM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	771.0	931.3	31.5	17.4	230.0	6.3	4.8	4.0	310.9	348.7	13.6	43.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	12.8	821.8	925.0	28.9	16.4	999.9	99.9	99.9	99.9	308.9	344.5	12.8	46.8	999.9	999.
0.7	15.3	1074.8	900.0	26.5	16.0	999.9	99.9	99.9	99.9	308.9	344.4	12.9	52.5	999.9	999.
1.2	17.5	1323.1	875.0	24.1	14.7	999.9	99.9	99.9	99.9	309.9	342.5	12.2	55.7	999.9	999.
1.8	20.1	1576.3	850.0	21.9	14.0	313.8	0.7	0.5	-0.5	309.1	342.2	11.9	60.9	0.3	74.
2.7	22.4	1825.7	825.0	19.8	13.4	275.5	3.0	2.9	-0.3	309.5	342.4	11.8	66.6	0.4	81.
3.6	25.1	2099.9	800.0	17.1	12.7	259.7	1.6	1.6	0.0	309.4	341.9	11.7	75.4	0.5	85.
4.5	27.6	2370.5	775.0	13.9	11.8	249.1	2.5	2.3	0.9	308.8	340.2	11.3	86.6	0.6	84.
5.7	30.7	2647.2	750.0	12.8	7.4	240.9	4.3	3.8	2.1	310.5	335.2	8.7	65.8	0.8	79.
6.2	33.1	2921.3	725.0	10.4	5.4	250.2	4.6	4.4	1.6	310.9	333.2	7.8	71.3	1.0	75.
7.2	35.8	3221.3	700.0	8.8	4.5	255.4	4.7	4.5	1.1	312.2	334.1	7.6	74.7	1.3	75.
8.3	39.6	3521.5	675.0	6.3	2.8	259.3	4.5	4.4	0.8	312.7	332.8	7.0	78.1	1.6	76.
9.5	41.4	3822.6	650.0	4.3	2.3	269.8	4.3	4.3	0.1	313.9	334.2	7.0	86.8	1.9	77.
11.0	44.5	4150.9	625.0	1.9	0.7	269.4	3.3	3.3	0.0	314.6	333.6	6.5	92.2	2.3	79.
12.4	47.5	4480.7	600.0	0.3	-0.8	251.3	2.5	2.4	0.8	315.4	334.3	6.0	92.3	2.5	80.
13.7	50.6	4821.3	575.0	-1.4	-2.7	223.7	2.9	2.0	2.1	318.4	334.8	5.5	90.8	2.7	78.
15.0	53.9	5174.7	550.0	-3.0	-5.7	229.9	2.4	1.9	1.6	320.5	333.4	4.2	75.5	2.9	76.
16.4	57.0	5542.3	525.0	-5.4	-9.4	298.4	1.9	1.8	-0.6	322.0	333.1	3.5	73.3	3.0	76.
17.9	60.4	5924.9	500.0	-7.0	-10.2	185.1	5.8	0.5	5.8	324.5	335.6	3.5	77.8	3.2	69.
19.3	64.0	6223.8	475.0	-9.7	-13.4	261.9	4.6	4.5	0.6	326.5	335.8	2.9	71.9	3.4	68.
20.7	67.4	6740.6	450.0	-11.9	-17.8	291.4	4.2	4.0	-1.6	329.3	335.3	2.1	61.2	3.8	71.
22.2	71.0	7175.8	425.0	-14.8	-20.5	258.1	5.7	5.7	0.2	330.0	335.9	1.7	61.4	4.2	73.
24.0	75.0	7533.1	400.0	-17.0	-34.6	283.6	6.6	6.4	-1.5	332.9	334.7	0.5	19.8	4.8	76.
25.8	79.0	8114.3	375.0	-20.4	-31.8	299.3	7.2	6.8	-2.4	334.6	337.2	0.7	35.0	5.5	81.
27.5	83.0	8621.0	350.0	-24.4	-35.4	305.0	6.2	5.1	-3.6	335.9	337.8	0.5	35.0	6.1	84.
29.4	87.2	9156.7	325.0	-28.5	-38.5	270.6	2.6	2.6	-0.0	337.4	339.0	0.4	37.1	6.5	86.
31.3	91.8	9725.9	300.0	-32.5	-45.4	320.5	1.2	0.7	-0.9	339.5	340.4	0.2	26.0	6.6	86.
33.6	96.6	10332.7	275.0	-37.5	-55.0	347.1	1.2	0.3	-1.2	340.9	341.2	0.1	14.0	6.7	88.
36.2	101.6	10983.6	250.0	-42.4	99.9	43.9	0.6	-0.4	-0.4	343.0	999.9	99.9	999.9	6.8	89.
39.2	107.2	11696.4	225.0	-48.5	99.9	333.0	2.0	0.9	-1.8	344.2	999.9	99.9	999.9	6.8	90.
42.3	112.8	12454.0	200.0	-57.0	99.9	32.8	3.4	-1.9	-2.9	348.9	999.9	99.9	999.9	6.9	93.
45.1	119.0	13309.0	175.0	-60.0	99.9	33.2	5.6	-3.1	-4.7	351.0	999.9	99.9	999.9	6.5	100.
49.0	126.0	14248.9	150.0	-66.9	99.9	34.5	3.7	-2.1	-3.0	354.9	999.9	99.9	999.9	5.7	109.
52.8	133.3	15341.2	125.0	-71.7	99.9	78.6	4.7	-4.6	-0.9	365.2	999.9	99.9	999.9	5.5	119.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

9 JULY 1977  
1925 GMT

132 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	585.0	950.2	32.9	19.0	290.0	0.6	0.6	-0.2	310.6	351.5	14.8	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	10.9	586.9	950.0	32.8*	19.0	999.9	99.9	99.9	99.9	310.5	351.3	14.7	44.1	999.9	999.
0.9	17.3	825.3	925.0	28.1	15.2	999.9	99.9	99.9	99.9	302.1	342.2	12.3	47.1	999.9	999.
2.0	15.6	1067.9	900.0	26.0	15.5	241.5	2.6	2.3	1.3	308.3	342.6	12.4	52.3	0.3	66.
2.8	19.0	1315.5	875.0	24.0	15.1	259.7	3.0	3.0	0.6	309.7	343.1	12.4	57.6	0.4	67.
3.7	20.4	1569.5	850.0	21.5	14.0	263.6	2.2	2.2	0.2	308.6	341.8	12.0	62.6	0.5	72.
4.6	22.8	1826.7	825.0	18.9	12.9	243.1	2.5	2.2	1.1	308.6	340.1	11.4	67.8	0.7	71.
5.4	25.3	2090.8	800.0	16.7	12.2	275.1	3.1	2.5	1.8	309.0	340.4	11.3	74.9	0.8	70.
6.5	27.9	2351.1	775.0	14.3	11.4	230.2	2.4	1.8	1.5	309.2	340.0	11.0	82.7	1.0	65.
7.5	30.6	2638.1	750.0	12.2	9.9	223.7	0.9	0.6	0.6	309.8	338.8	10.3	86.0	1.1	65.
8.7	33.3	2922.0	725.0	10.3	7.2	139.9	0.6	-0.5	0.4	310.7	335.9	8.9	81.5	1.1	62.
10.1	35.0	3214.2	700.0	9.3	5.0	108.9	1.6	-1.5	0.5	312.8	335.3	7.8	74.4	1.0	60.
11.3	39.9	3515.1	675.0	6.9	2.4	143.8	2.0	-1.2	1.7	313.4	333.1	6.8	73.1	0.9	51.
12.6	41.6	3824.5	650.0	5.1	0.8	200.1	2.6	0.9	2.5	314.7	333.2	6.3	74.3	1.1	45.
13.5	44.5	4144.6	625.0	3.4	-2.3	204.8	2.5	1.0	2.3	316.3	331.8	5.2	66.3	1.3	40.
14.6	47.6	4474.3	600.0	0.1	-4.6	310.2	0.6	0.5	-0.4	316.3	330.0	4.6	70.7	1.3	41.
15.9	50.6	4814.6	575.0	-1.9	-9.0	339.1	1.5	0.5	-1.4	317.9	328.3	3.4	57.6	1.3	46.
17.9	53.6	5159.1	550.0	-2.8	-15.8	18.7	0.9	-0.3	-0.9	320.7	327.3	2.0	35.9	1.2	52.
19.9	56.7	5535.0	525.0	-3.6	-25.9	105.9	1.6	-1.5	0.5	324.1	327.1	0.9	15.9	1.1	45.
21.5	60.1	5920.1	500.0	-5.6	-25.2	342.2	2.6	0.8	-2.5	326.2	326.7	0.7	14.0	1.0	46.
22.9	63.6	6320.8	475.0	-7.9	-32.4	324.3	3.0	1.8	-2.4	328.3	330.2	0.5	11.9	0.9	67.
25.0	67.0	6738.8	450.0	-10.5	-41.0	202.7	3.7	1.4	3.5	330.0	330.9	0.2	6.0	1.2	65.
27.1	70.6	7176.5	425.0	-13.6	-39.8	209.6	0.9	0.4	0.8	331.6	332.6	0.3	8.8	1.4	54.
29.1	74.3	7634.2	400.0	-17.2	-40.6	306.9	0.8	0.6	-0.5	332.7	333.7	0.3	10.8	1.5	58.
31.3	78.4	8114.9	375.0	-20.4	-42.3	23.6	3.1	-1.3	-2.9	334.6	335.6	0.2	12.0	1.4	63.
33.6	82.7	8623.6	350.0	-23.1	-47.0	47.0	3.9	-2.9	-2.6	337.6	338.2	0.2	9.1	1.0	82.
36.4	86.5	9151.7	325.0	-27.4	-45.1	61.3	4.4	-3.9	-2.1	339.0	339.7	0.2	14.9	0.5	125.
39.0	91.0	9731.8	300.0	-32.0	-47.6	76.5	3.5	-3.4	-3.9	340.3	340.9	0.2	19.4	0.6	201.
41.3	95.8	10379.5	275.0	-37.4	-50.8	92.7	2.8	-2.7	-0.3	341.0	341.5	0.1	23.0	0.9	231.
43.5	100.7	10991.0	250.0	-42.4	99.9	0.3	1.9	-0.0	-1.9	343.1	999.9	99.9	999.9	1.1	229.
46.1	105.2	11694.5	225.0	-46.0	99.9	23.5	2.1	-0.8	-1.9	345.0	999.9	99.9	999.9	1.3	222.
49.0	111.9	12462.0	200.0	-53.5	99.9	36.4	5.0	-2.9	-4.0	348.1	999.9	99.9	999.9	2.0	216.
52.5	119.0	13307.0	175.0	-60.7	99.9	27.8	7.6	-3.5	-6.7	349.7	999.9	99.9	999.9	3.1	214.
56.0	124.9	14256.2	150.0	-65.7	99.9	64.7	9.9	-0.0	-4.2	356.9	999.9	99.9	999.9	5.3	222.
60.0	132.0	15249.2	125.0	-70.5	99.9	95.2	9.1	-9.1	0.8	367.2	999.9	99.9	999.9	7.5	237.
64.5	139.7	16274.3	100.0	-69.3	99.9	999.9	99.9	99.9	99.9	393.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JULY 1977  
1930 GMT

126 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	781.0	528.9	31.7	20.5	240.0	3.6	3.5	0.6	311.4	357.2	16.6	51.5	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.1	818.6	925.0	29.9*	99.9	999.9	99.9	99.9	99.9	309.9	999.9	99.9	999.9	999.9	999.
0.9	15.5	1061.8	900.0	25.9	18.6	999.9	99.9	99.9	99.9	308.2	350.0	15.3	64.5	999.9	999.
1.9	17.7	1309.7	875.0	23.6	16.6	265.6	3.1	3.1	0.2	308.3	346.2	13.8	64.8	0.4	97.
2.6	20.2	1562.6	850.0	21.3	15.9	214.5	3.3	1.9	2.8	308.5	345.8	13.5	71.1	0.6	87.
3.4	22.5	1821.1	825.0	18.9	15.2	219.0	2.9	1.8	2.3	308.6	345.4	13.4	79.2	0.7	76.
4.4	25.0	2085.6	800.0	17.0	15.7	207.7	3.5	1.6	3.1	309.3	348.5	14.2	91.9	0.8	68.
5.2	27.4	2356.4	775.0	14.3	13.2	220.8	4.6	3.0	3.5	309.2	345.2	13.0	96.7	1.0	61.
6.1	30.1	2633.5	750.0	12.4	11.9	217.2	6.3	3.8	5.0	310.0	342.9	11.8	96.7	1.2	57.
7.3	32.8	2917.5	725.0	10.3	10.0	215.0	5.0	2.9	4.1	310.8	340.8	10.7	97.8	1.6	51.
8.3	35.5	3208.9	700.0	8.0	4.5	226.0	4.3	3.1	3.0	311.4	333.2	7.6	78.2	1.9	49.
9.6	38.1	3508.6	675.0	7.1	-0.4	243.5	3.0	2.7	1.3	313.6	329.9	5.5	58.8	2.2	49.
10.7	40.8	3819.0	650.0	5.9	-2.7	279.7	2.1	2.1	-0.4	315.7	330.2	4.8	53.7	2.3	52.
11.8	43.6	4139.7	625.0	4.1	-4.8	276.9	1.5	1.4	-0.2	317.1	330.1	4.3	52.4	2.4	54.
12.9	46.6	4470.6	600.0	1.7	-4.5	255.7	1.1	1.0	0.3	318.1	331.9	4.6	63.7	2.5	55.
14.1	49.9	4812.5	575.0	-0.7	-9.3	208.1	1.4	0.7	1.2	319.2	329.4	3.3	52.1	2.6	55.
15.3	52.5	5165.9	550.0	-2.5	-13.7	199.7	1.7	0.6	1.6	321.1	328.8	2.4	41.8	2.7	53.
16.7	55.7	5525.2	525.0	-3.8	-14.0	142.3	1.9	-1.2	1.5	323.9	331.8	2.5	45.0	2.7	52.
18.2	59.0	5918.8	500.0	-5.8	-32.1	89.5	2.4	-2.4	-0.1	326.0	327.8	0.5	10.3	2.7	46.
19.6	62.4	6319.5	475.0	-7.2	-44.3	303.2	0.3	0.3	-0.2	329.1	329.7	0.2	3.3	2.6	46.
21.0	65.8	6739.4	450.0	-9.5	-28.1	246.1	0.8	0.8	0.3	330.9	333.8	0.8	20.9	2.6	47.
22.5	69.4	7179.4	425.0	-12.1	-57.6	251.0	2.4	2.2	0.8	333.4	333.6	0.0	1.0	2.7	48.
24.2	73.0	7639.3	400.0	-15.8	-60.0	244.9	2.5	2.3	1.1	334.4	334.6	0.0	1.0	3.1	49.
25.9	77.0	8121.6	375.0	-19.4	-34.0	350.0	4.4	0.8	-4.4	336.0	338.1	0.6	25.9	3.0	54.
27.5	80.9	8630.3	350.0	-23.5	-54.3	21.2	3.0	-1.1	-2.8	337.1	337.4	0.1	4.0	2.8	60.
29.4	85.1	9168.6	325.0	-26.9	-41.0	354.4	4.6	0.4	-4.5	339.7	340.9	0.3	24.5	2.6	67.
31.4	89.6	9740.0	300.0	-31.8	-45.0	228.9	1.9	1.0	-1.6	340.6	341.4	0.2	25.5	2.5	77.
33.6	94.4	10350.2	275.0	-35.9	-50.1	150.8	0.4	-0.2	0.3	343.3	343.8	0.1	21.4	2.6	79.
35.9	99.2	11005.3	250.0	-41.2	99.9	231.7	2.8	2.2	1.7	344.8	999.9	99.9	999.9	2.7	77.
38.1	104.5	11712.3	225.0	-47.4	99.9	329.7	2.8	1.4	-2.5	345.8	999.9	99.9	999.9	3.2	77.
40.4	110.2	12483.0	200.0	-52.3	99.9	10.2	2.7	-0.5	-2.7	350.0	999.9	99.9	999.9	2.8	83.
43.3	116.3	13337.1	175.0	-58.1	99.9	39.0	7.1	-4.5	-5.5	354.1	999.9	99.9	999.9	2.9	101.
46.2	123.0	14293.2	150.0	-63.8	99.9	69.5	8.5	-8.0	-3.1	360.2	999.9	99.9	999.9	2.0	125.
49.6	130.3	15394.4	125.0	-69.3	99.9	51.8	7.4	-6.5	-3.5	369.6	999.9	99.9	999.9	2.1	174.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JULY 1977  
2100 GMT

119 99. 0

TIME MIN	CNTCT	HEIGHT GM	PRFS MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PJT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	877.0	919.7	22.8	15.8	260.0	2.6	2.6	0.5	313.5	348.5	12.4	36.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	15.5	1055.7	900.0	22.6	16.2	999.9	99.9	99.9	99.9	311.0	347.4	13.0	47.0	999.9	999.
1.1	17.9	1305.4	875.0	26.0	15.4	999.9	99.9	99.9	99.9	310.8	346.2	12.7	51.9	999.9	999.
1.7	20.3	1561.3	850.0	23.5	14.2	199.3	3.0	1.0	2.8	310.8	344.5	12.1	55.8	0.3	44.
2.5	22.7	1821.3	825.0	21.0	12.9	204.3	2.2	0.9	2.0	310.8	342.8	11.5	60.0	0.4	36.
3.4	25.1	2086.9	800.0	18.3	12.1	212.3	2.9	1.5	2.4	310.6	342.0	11.2	67.3	0.5	36.
4.8	27.6	2358.6	775.0	15.6	11.1	202.5	4.4	1.7	4.0	310.6	341.0	10.8	74.6	0.8	33.
5.8	30.1	2635.5	750.0	13.9	7.2	188.8	4.6	0.7	4.5	311.6	336.0	8.5	64.0	1.1	28.
6.8	32.7	2921.0	725.0	11.6	4.3	194.4	4.3	1.1	4.2	312.2	335.0	7.2	61.1	1.4	24.
7.9	35.2	3214.8	700.0	9.4	1.9	227.0	3.3	2.4	2.2	313.0	331.4	6.3	55.4	1.6	25.
9.0	37.9	3515.7	675.0	7.2	-1.9	237.7	3.7	3.1	2.0	313.7	328.5	5.0	52.6	1.8	29.
10.0	40.6	3825.7	650.0	5.3	-2.4	224.7	3.3	2.3	2.4	315.0	329.7	4.9	57.4	2.0	32.
11.1	43.3	4144.9	625.0	3.1	-8.5	209.8	2.3	1.1	2.0	316.0	325.0	3.3	42.8	2.2	32.
12.2	46.1	4474.9	600.0	1.2	-6.4	167.1	2.0	-0.4	1.9	317.5	325.5	3.9	56.8	2.3	32.
13.5	49.0	4816.9	575.0	-0.1	-6.1	93.1	2.4	-2.4	0.3	319.9	332.8	4.2	63.7	2.3	27.
14.9	52.0	5171.8	550.0	-1.3	-15.5	103.7	2.0	-1.9	0.5	321.9	328.6	2.1	34.1	2.3	23.
16.2	55.0	5540.5	525.0	-3.9	-13.6	99.3	2.1	-2.1	0.3	323.8	332.0	2.6	46.5	2.3	19.
17.5	59.0	5924.7	500.0	-5.5	-19.4	120.7	1.1	-1.0	0.6	325.3	331.8	1.6	32.4	2.2	15.
18.9	61.3	6326.6	475.0	-6.5	-27.4	219.8	1.5	0.9	1.1	329.9	332.9	0.9	17.2	2.3	15.
20.3	64.5	6746.4	450.0	-9.8	-34.7	237.2	2.4	2.0	1.3	330.9	332.5	0.4	11.0	2.5	16.
21.8	67.9	7184.4	425.0	-13.2	-35.2	274.7	3.7	3.7	-0.3	332.1	333.5	0.4	12.4	2.6	23.
23.3	71.3	7642.6	400.0	-17.2	-37.2	273.5	3.8	3.7	-0.6	332.6	334.0	0.4	15.6	2.7	29.
25.0	75.0	8122.5	375.0	-21.1	-26.4	337.6	2.8	1.1	-2.6	333.7	337.7	1.2	62.3	2.7	37.
26.7	78.7	8629.0	350.0	-24.7	-32.5	35.1	1.2	-0.7	-1.0	335.5	328.1	0.7	48.9	2.6	35.
28.5	82.5	9164.5	325.0	-28.6	-36.2	0.7	3.0	-0.5	-2.9	327.3	339.2	0.5	47.3	2.3	38.
30.4	86.7	9722.8	300.0	-32.9	-41.4	2.3	2.1	-0.1	-2.1	339.0	340.2	0.3	41.9	2.1	45.
32.3	90.8	10339.0	275.0	-37.3	-47.0	338.3	1.3	0.5	-1.2	341.1	341.9	0.2	35.6	2.0	49.
34.5	95.3	10990.6	250.0	-42.3	99.9	332.1	3.5	1.6	-3.1	343.2	999.9	99.9	999.9	2.0	57.
36.5	100.0	11693.0	225.0	-48.5	99.9	5.3	5.7	-0.5	-5.7	344.1	999.9	99.9	999.9	1.9	74.
39.0	105.2	12459.7	200.0	-52.5	99.9	10.6	4.6	-0.8	-4.5	349.1	999.9	99.9	999.9	1.6	65.
41.6	110.5	13309.0	175.0	-59.3	99.9	32.7	9.4	-4.5	-7.1	352.0	999.9	99.9	999.9	1.7	131.
44.6	116.5	14261.0	150.0	-64.8	99.9	66.5	9.3	-9.5	-3.7	358.5	999.9	99.9	999.9	2.0	179.
48.0	123.0	15354.5	125.0	-70.5	99.9	68.9	8.5	-8.0	-3.1	367.3	999.9	99.9	999.9	3.4	206.
52.2	130.7	16575.3	100.0	-70.2	99.9	999.9	99.9	99.9	99.9	392.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG





STATION NO. 440  
ROBERT LEE, TEXAS

9 JULY 1977  
2055 GMT

121 58. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	585.0	949.5	31.8	19.8	180.0	1.3	0.0	1.0	309.5	352.2	15.5	49.0	0.0	0.
09.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
09.9	09.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	12.5	819.5	925.0	29.4	18.3	999.9	59.9	99.9	99.9	309.3	345.4	14.5	51.6	999.9	999.9
1.3	14.6	1067.5	900.0	26.9	17.4	599.9	99.9	99.9	99.9	309.1	347.9	14.1	56.5	999.9	999.9
2.0	15.5	1312.0	875.0	24.5	16.2	251.7	1.6	1.5	0.5	309.2	346.4	13.4	60.2	0.3	11.
2.9	18.7	1565.5	850.0	21.9	15.6	235.2	1.6	1.6	1.1	309.1	345.8	13.3	67.7	0.4	25.
3.9	20.7	1925.2	825.0	20.9	14.7	203.9	3.0	1.2	2.8	310.7	346.5	12.9	67.5	0.6	28.
5.2	22.9	2000.9	800.0	19.8	12.1	201.8	3.8	1.4	3.5	311.2	342.8	11.2	65.1	0.8	25.
6.3	25.1	2363.2	775.0	14.9	11.1	205.0	4.3	1.9	3.9	311.9	342.4	10.8	68.6	1.1	25.
7.3	27.3	2642.4	750.0	14.9	9.0	203.8	3.7	1.5	3.4	313.6	340.3	9.7	68.6	1.3	25.
8.5	29.7	2923.7	725.0	12.5	6.2	207.9	2.7	1.3	2.4	313.2	337.0	8.3	65.5	1.5	25.
9.9	32.1	3227.7	700.0	10.9	4.6	202.6	2.5	0.9	2.3	314.5	336.7	7.6	65.1	1.7	25.
11.3	34.6	3535.1	675.0	9.0	2.5	201.2	2.7	1.0	2.5	314.7	334.6	6.8	68.0	2.0	25.
12.6	36.9	3835.4	650.0	6.8	1.2	203.4	2.6	1.1	2.4	315.6	335.7	6.5	67.8	2.2	24.
14.1	39.6	4159.1	625.0	4.6	-1.9	245.2	1.5	1.4	0.6	317.7	333.8	5.4	62.7	2.4	25.
15.4	42.0	4490.1	600.0	3.0	-6.1	297.5	1.5	1.4	-0.7	319.6	332.1	4.1	51.3	2.4	27.
16.6	44.8	4937.6	575.0	0.8	-9.4	326.0	1.6	0.9	-1.3	321.0	331.2	3.3	46.4	2.4	30.
17.8	47.6	5109.5	550.0	-1.4	-14.4	310.6	1.1	0.9	-0.7	322.4	329.7	2.3	36.3	2.3	33.
19.1	50.5	5559.4	525.0	-3.0	-13.5	205.1	0.5	0.2	0.4	324.9	332.9	2.5	42.3	2.3	34.
20.5	53.4	5924.7	500.0	-4.4	-22.4	213.6	0.5	0.3	0.5	327.7	331.9	1.3	23.0	2.4	32.
22.1	56.3	6344.6	475.0	-7.1	-14.6	249.4	2.6	2.5	0.0	329.1	337.6	2.6	55.0	2.5	35.
23.6	59.5	6745.4	450.0	-9.6	-31.5	247.9	4.1	3.8	1.6	331.2	333.4	0.6	14.8	2.7	39.
25.1	62.9	7205.2	425.0	-12.5	-38.8	273.5	2.7	2.7	-0.2	333.0	334.1	0.3	8.9	3.1	43.
27.1	65.1	7665.1	400.0	-15.9	-38.5	265.6	0.8	0.8	-0.2	334.5	335.8	0.3	12.1	3.1	47.
29.1	69.8	8148.3	375.0	-19.4	-37.9	17.1	2.0	-0.6	-1.9	336.0	337.4	0.4	17.5	3.1	49.
31.0	73.3	8658.5	350.0	-22.3	-42.9	67.0	4.2	-3.9	-1.7	338.8	339.7	0.2	13.3	2.7	48.
32.9	77.3	9199.0	325.0	-26.7	-43.5	60.0	4.5	-3.9	-2.2	339.8	340.8	0.2	18.6	2.2	45.
35.0	81.4	9770.9	300.0	-31.7	-46.7	72.1	4.5	-4.2	-1.4	340.8	341.5	0.2	20.7	1.7	39.
37.5	85.7	10351.0	275.0	-36.3	-48.6	58.7	4.0	-3.2	-2.3	342.6	343.3	0.2	26.5	1.2	21.
40.1	90.2	11034.2	250.0	-40.4	99.9	13.5	3.5	-0.8	-3.4	345.1	999.9	99.9	999.9	0.7	9.
42.2	95.3	11745.4	225.0	-46.6	99.9	99.9	99.9	99.9	99.9	347.0	999.9	99.9	999.9	999.9	999.9
44.6	100.6	12515.3	200.0	-53.3	99.9	999.9	99.9	99.9	99.9	348.3	999.9	99.9	999.9	999.9	999.9
47.4	105.5	13267.1	175.0	-59.5	99.9	59.5	12.8	-11.1	-6.5	351.7	999.9	99.9	999.9	2.2	222.
50.5	113.0	14314.0	150.0	-64.5	99.9	83.5	10.1	-10.0	-1.1	355.9	999.9	99.9	999.9	4.5	239.
54.3	120.3	15412.0	125.0	-69.8	99.9	76.3	6.6	-6.4	-1.6	363.7	999.9	99.9	999.9	6.3	249.
58.9	129.0	16745.0	100.0	-68.8	99.9	999.9	99.9	99.9	99.9	394.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

9 JULY 1977  
2100 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	781.0	927.7	33.3	19.4	240.0	4.1	3.6	2.1	313.1	356.4	15.5	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.8	807.2	925.0	31.7	99.9	999.9	99.9	99.9	99.9	311.7	599.9	99.9	999.9	999.9	999.
0.5	15.0	1047.4	900.0	26.2*	99.9	999.9	99.9	99.9	99.9	308.5	999.9	99.9	999.9	999.9	999.
1.1	18.5	1295.6	875.0	24.2	99.9	999.9	99.9	99.9	99.9	305.9	999.9	99.9	999.9	999.9	999.
1.7	20.9	1547.2	850.0	22.1	99.9	999.9	99.9	99.9	99.9	309.3	999.9	99.9	999.9	999.9	999.
2.4	23.5	1804.9	825.0	19.5	11.9	99.0	3.9	-3.9	0.6	309.3	339.3	10.7	61.2	0.7	59.
3.1	25.9	2059.7	800.0	17.7	12.2	185.4	0.6	0.1	0.6	310.0	341.5	11.3	70.4	0.6	50.
3.9	28.6	2340.5	775.0	14.5	11.6	256.2	3.6	3.5	0.9	309.4	340.5	11.2	82.7	0.8	56.
5.1	31.3	2617.6	750.0	12.8	5.7	243.3	4.6	4.1	2.1	310.5	332.5	7.7	61.9	1.0	59.
6.0	34.1	2902.0	725.0	11.0	3.8	235.0	4.9	4.0	2.8	311.5	331.6	7.0	61.1	1.3	60.
7.0	36.8	3194.7	700.0	9.5	2.3	234.6	4.7	3.8	2.7	313.1	332.0	6.5	60.8	1.6	58.
8.0	39.7	3496.0	675.0	7.5	0.0	242.6	4.5	4.0	2.1	314.0	330.8	5.7	59.2	1.9	58.
9.1	42.3	3805.9	650.0	5.1	-1.9	242.2	3.5	3.1	1.6	314.7	330.0	5.2	60.8	2.1	59.
10.2	45.4	4125.0	625.0	2.6	-3.7	226.9	1.2	0.9	0.8	315.4	329.4	4.7	63.0	2.3	59.
11.4	48.5	4454.1	600.0	0.1	-5.6	182.9	1.3	0.1	1.3	316.2	329.0	4.2	65.7	2.3	58.
12.7	51.4	4794.8	575.0	-1.2	-7.9	335.6	0.2	0.1	-0.2	318.6	329.8	3.7	60.1	2.4	56.
14.0	54.6	5143.4	550.0	-2.9	-10.8	10.4	0.3	-0.1	-0.3	320.8	330.3	3.0	54.0	2.4	58.
15.3	57.7	5516.5	525.0	-4.2	-16.0	74.6	1.7	-1.7	-0.5	323.3	330.1	2.1	39.5	2.3	57.
16.5	61.1	5899.5	500.0	-6.1	-25.0	359.4	2.0	0.0	-2.0	325.5	329.1	1.0	21.9	2.2	57.
17.9	64.7	6299.1	475.0	-8.7	-21.8	275.5	2.3	2.3	-0.2	327.1	332.0	1.4	34.4	2.2	62.
19.2	68.0	6715.7	450.0	-10.9	-25.0	262.5	3.0	2.9	0.4	329.6	333.4	1.1	29.8	2.4	63.
20.8	71.6	7157.9	425.0	-13.8	-40.5	268.2	5.4	5.4	0.2	331.3	332.3	0.3	8.3	2.7	68.
22.4	75.3	7611.3	400.0	-17.5	-34.6	291.0	4.3	4.0	-1.5	332.2	334.0	0.5	21.2	3.3	70.
24.0	79.3	8091.5	375.0	-21.0	-31.6	336.2	2.5	1.0	-2.3	333.9	336.5	0.7	37.7	3.4	75.
25.5	83.3	8593.4	350.0	-23.9	-35.4	3.2	2.4	-0.0	-2.4	336.5	338.5	0.5	33.7	3.4	79.
27.2	87.5	9135.1	325.0	-28.1	-40.1	340.6	1.3	0.6	-1.7	339.0	339.4	0.3	30.3	3.3	83.
28.8	92.0	9704.4	300.0	-32.1	-47.6	275.9	1.7	1.7	-0.2	340.1	340.8	0.2	19.5	3.4	84.
30.6	96.5	10312.1	275.0	-37.0	-50.2	254.3	1.2	1.1	0.3	341.6	342.1	0.1	23.7	3.7	84.
32.9	101.6	10962.5	250.0	-42.9	99.9	282.5	2.2	2.1	-0.5	342.4	999.9	99.9	999.9	3.7	84.
35.6	107.0	11664.9	225.0	-47.2	99.9	43.3	5.7	-3.9	-4.2	345.1	999.9	99.9	999.9	3.9	90.
38.0	112.9	12474.5	200.0	-52.9	99.9	19.2	4.3	-1.4	-4.1	348.9	999.9	99.9	999.9	3.6	94.
40.2	118.8	13294.2	175.0	-59.1	99.9	65.3	7.6	-6.9	-3.2	352.4	999.9	99.9	999.9	3.2	109.
43.3	125.6	14237.0	150.0	-64.4	99.9	47.2	4.0	-3.0	-2.7	359.2	999.9	99.9	999.9	2.4	127.
46.5	132.7	15339.9	125.0	-70.1	99.9	52.2	3.8	-3.3	-1.8	368.0	999.9	99.9	999.9	2.3	145.
50.1	140.0	16664.7	100.0	-69.2	99.9	99.9	99.9	99.9	99.9	394.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

9 JULY 1977  
2230 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	977.0	918.1	32.8	15.8	210.0	5.3	2.6	4.6	313.5	348.5	12.4	36.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	15.6	1051.0	900.0	29.6	18.4	999.9	99.9	99.9	99.9	312.1	353.8	15.0	50.8	999.9	999.
1.2	18.0	1202.6	875.0	26.9	16.7	999.9	99.9	99.9	99.9	311.7	350.2	13.8	53.2	999.9	999.
1.9	20.4	1559.8	850.0	25.3	16.3	237.0	3.1	2.6	1.7	312.7	351.7	13.9	57.5	0.4	38.
2.7	22.7	1899.2	825.0	22.8	15.0	227.7	2.8	2.0	1.9	312.7	349.7	13.2	61.7	0.5	43.
3.7	25.2	2042.2	800.0	20.1	13.4	210.2	2.7	1.4	2.3	312.6	346.8	12.2	65.3	0.7	42.
4.7	27.6	2261.7	775.0	17.6	11.0	193.1	4.2	0.9	4.1	312.7	343.2	10.7	65.2	0.9	37.
5.6	30.1	2431.4	750.0	15.1	7.7	196.6	4.5	1.3	4.4	312.9	338.3	8.8	61.3	1.1	32.
6.7	32.7	2477.4	725.0	12.0	4.7	193.7	3.2	1.0	3.0	312.6	334.0	7.4	66.9	1.4	29.
7.7	35.2	2220.4	700.0	10.0	1.9	209.2	3.2	1.5	2.8	313.6	331.9	6.3	57.0	1.6	29.
8.8	37.8	2521.9	675.0	7.6	-1.7	217.0	3.4	2.0	2.7	314.2	329.0	5.0	51.5	1.8	30.
9.9	40.4	2832.1	650.0	5.2	-4.7	206.4	3.4	1.5	3.1	315.6	328.1	4.2	46.6	2.0	30.
11.0	43.0	4151.9	625.0	3.4	0.2	183.1	3.2	0.4	3.1	316.3	334.8	6.2	75.5	2.2	29.
12.2	45.8	4492.1	600.0	1.2	-6.3	169.4	2.3	-0.4	2.3	317.5	329.7	4.0	57.7	2.4	27.
13.3	48.7	4824.0	575.0	-0.5	-7.2	116.0	1.6	-1.4	0.7	319.4	331.4	3.9	60.8	2.5	24.
14.3	51.6	5179.0	550.0	-3.1	-10.0	144.8	1.3	-0.8	1.1	320.5	330.9	3.4	60.1	2.5	22.
15.9	54.6	5545.9	525.0	-3.9	-13.3	152.1	1.2	-0.5	1.0	323.8	332.2	2.6	47.9	2.6	20.
17.5	57.6	5930.7	500.0	-5.0	-21.1	251.6	1.4	1.4	0.5	327.0	331.9	1.5	27.8	2.6	19.
19.9	60.9	6332.6	475.0	-5.5	-21.8	261.4	3.1	3.0	-0.6	329.9	334.6	1.4	28.4	2.7	24.
20.2	64.0	6752.3	450.0	-9.1	-28.0	270.0	3.5	3.5	-0.0	330.9	332.8	0.9	21.0	2.8	29.
21.7	67.4	7190.8	425.0	-13.2	-24.6	301.3	4.3	3.7	-2.2	332.0	336.3	1.2	38.1	2.9	35.
23.0	70.9	7649.0	400.0	-17.0	-28.5	314.4	3.7	2.6	-2.6	332.9	336.0	0.9	36.0	2.9	42.
24.7	74.4	9139.5	375.0	-20.2	-26.7	329.4	4.5	2.4	-3.9	334.9	338.9	1.1	55.6	2.9	51.
25.6	79.2	8577.6	350.0	-24.0	-33.7	353.4	2.9	0.3	-2.8	336.4	338.7	0.6	40.0	2.8	59.
28.5	82.0	9174.0	325.0	-28.5	-36.5	0.5	2.7	-3.0	-2.7	337.5	339.3	0.5	45.0	2.6	64.
30.6	86.2	9744.0	300.0	-32.4	-40.4	999.9	99.9	99.9	99.9	339.8	341.2	0.4	44.2	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

9 JULY 1977  
2230 GMT

118 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	771.0	930.2	28.1	18.2	140.0	7.4	-4.8	5.7	307.6	346.8	14.3	99.9	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.6	820.8	925.0	28.1*	99.9	999.9	99.9	99.9	99.9	308.1	999.9	99.9	999.9	999.9	999.9
0.5	14.7	1052.1	900.0	24.6	15.9	909.9	99.9	99.9	99.9	305.8	341.8	12.8	99.9	999.9	999.9
1.3	16.6	1309.0	875.0	22.7	14.2	950.9	99.9	99.9	99.9	307.3	339.7	11.7	99.9	999.9	999.9
2.3	18.9	1551.3	850.0	21.6	12.7	252.4	5.7	5.4	1.7	308.8	339.4	11.0	99.9	0.5	352.0
3.3	20.9	1820.1	825.0	20.5	12.3	249.9	6.7	6.3	2.3	310.3	341.0	11.0	99.9	0.7	24.0
4.3	23.2	2095.1	800.0	17.3	10.3	255.6	7.8	7.6	2.0	310.1	338.0	9.9	99.9	1.1	42.0
5.2	25.5	2356.7	775.0	16.3	9.1	267.0	8.3	8.3	0.4	311.3	338.1	9.5	99.9	1.4	53.0
6.1	27.7	2674.9	750.0	13.7	7.0	276.4	7.6	7.5	-0.8	311.5	335.5	8.4	99.9	1.8	62.0
7.1	30.2	2920.2	725.0	11.6	6.3	275.0	6.3	6.3	-0.6	312.2	336.1	8.3	99.9	2.2	69.0
8.0	32.7	3213.0	700.0	9.1	4.6	276.3	5.2	5.2	-0.6	312.6	334.5	7.6	99.9	2.4	71.0
9.0	35.3	3513.8	675.0	6.6	4.0	282.6	4.3	4.2	-0.9	313.0	335.0	7.6	99.9	2.7	75.0
10.3	37.7	3823.3	650.0	4.4	2.3	280.0	2.7	2.7	-0.5	314.0	334.3	7.0	99.9	3.0	77.0
11.6	40.3	4142.7	625.0	3.3	0.4	276.8	0.9	0.9	-0.1	316.3	335.0	6.3	99.9	3.1	78.0
12.7	42.9	4473.2	600.0	0.8	-1.4	334.9	0.1	0.0	-0.1	317.1	334.3	5.8	99.9	3.1	78.0
13.8	45.8	4813.8	575.0	-1.5	-2.2	312.0	0.8	0.6	-0.6	318.3	335.3	5.7	99.9	3.1	78.0
15.0	48.7	5167.3	550.0	-3.4	-4.1	313.6	2.4	1.7	-1.7	320.0	335.6	5.1	99.9	3.2	80.0
16.1	51.4	5525.4	525.0	-4.3	-5.0	294.4	3.8	3.4	-1.7	323.3	338.8	5.0	99.9	3.3	83.0
17.5	54.5	5919.4	500.0	-7.2	-8.0	277.1	4.0	3.9	-0.5	324.3	337.5	4.2	99.9	3.7	85.0
19.1	57.4	6217.5	475.0	-9.6	-11.8	281.0	4.3	4.2	-0.8	326.0	336.5	3.3	99.9	4.0	86.0
20.5	60.6	6733.9	450.0	-12.1	-16.4	275.7	5.3	5.3	-0.5	328.0	335.9	2.4	99.9	4.4	87.0
22.2	64.0	7165.9	425.0	-15.9	-25.0	253.9	6.4	6.4	0.7	327.3	326.8	0.4	99.9	5.0	88.0
24.1	67.3	7619.9	400.0	-19.4	-37.1	279.9	6.7	6.6	-1.0	329.8	331.3	0.4	99.9	5.8	88.0
26.3	70.9	8098.3	375.0	-21.4	-32.0	279.9	7.7	7.6	-1.2	333.3	335.8	0.7	99.9	6.7	90.0
28.2	74.7	8603.7	350.0	-24.7	-36.8	285.4	7.9	7.5	-2.1	335.5	337.1	0.5	99.9	7.6	91.0
30.1	78.7	9138.8	325.0	-28.7	-39.7	272.4	5.3	5.3	-0.2	337.1	338.5	0.4	99.9	8.4	93.0
32.3	82.7	9707.7	300.0	-32.9	-43.1	259.7	3.4	3.4	0.6	339.1	340.1	0.3	99.9	8.9	91.0
35.2	87.0	10314.0	275.0	-37.3	-52.7	289.6	3.8	3.6	-1.3	341.1	341.6	0.1	99.9	9.5	92.0
38.3	91.6	10965.9	250.0	-41.2	-59.5	324.3	2.8	1.6	-2.3	344.0	999.9	99.9	999.9	10.1	93.0
41.2	95.5	11672.2	225.0	-47.2	-99.9	999.9	99.9	99.9	99.9	346.2	999.9	99.9	999.9	999.9	999.9
44.1	101.8	12441.4	200.0	-52.7	-99.9	999.9	99.9	99.9	99.9	349.3	999.9	99.9	999.9	999.9	999.9
47.1	107.8	13292.7	175.0	-58.7	-99.9	76.6	7.4	-7.2	-1.7	353.0	999.9	99.9	999.9	9.2	110.0
50.6	114.0	14243.7	150.0	-66.0	-99.9	71.2	7.0	-6.6	-2.3	355.4	999.9	99.9	999.9	7.9	115.0
55.3	121.3	15377.1	125.0	-76.5	-99.9	114.8	4.2	-3.8	1.8	367.3	999.9	99.9	999.9	7.0	124.0
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 550  
BIG SPRING, TEXAS

9 JULY 1977  
2230 GMT

129 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	781.0	926.8	33.5	18.8	240.0	3.9	3.4	1.9	313.4	355.3	15.0	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	13.6	798.6	925.0	33.4*	99.9	999.9	99.9	99.9	99.9	313.5	999.9	99.9	999.9	999.9	999.
0.5	15.9	1044.6	900.0	30.9	99.9	999.9	99.9	99.9	99.9	313.4	999.9	99.9	999.9	999.9	999.
1.2	18.4	1297.3	875.0	28.9	99.9	999.9	99.9	99.9	99.9	313.9	999.9	99.9	999.9	999.9	999.
2.4	20.8	1553.0	850.0	25.6	99.9	999.9	99.9	99.9	99.9	313.0	999.9	99.9	999.9	999.9	999.
3.8	23.4	1815.4	825.0	23.2	16.6	999.9	99.9	99.9	99.9	313.1	354.0	14.6	66.6	999.9	999.
5.1	25.9	2083.8	800.0	21.1	15.8	230.0	2.8	2.1	1.8	313.7	353.8	14.3	71.5	0.9	58.
6.3	28.7	2358.3	775.0	19.3	14.8	238.7	2.4	2.1	1.3	313.5	352.5	13.9	80.3	1.1	56.
7.8	31.4	2639.1	750.0	16.2	11.1	226.7	3.9	2.9	2.7	314.1	345.9	11.2	71.8	1.3	55.
8.9	34.1	2927.1	725.0	14.1	8.5	240.4	4.1	3.6	2.0	315.0	342.9	9.7	69.0	1.6	55.
10.1	36.8	3223.1	700.0	12.5	6.5	258.3	3.7	3.7	0.1	316.3	341.7	8.8	67.1	1.9	57.
11.1	39.7	3527.7	675.0	10.2	4.2	280.1	3.6	3.5	-0.6	317.1	339.7	7.7	66.5	2.1	62.
12.3	42.5	3840.9	650.0	7.6	2.3	278.5	3.2	3.1	-0.5	317.5	338.2	7.0	65.3	2.3	66.
13.4	45.5	4163.5	625.0	5.8	0.3	258.9	2.3	2.3	0.0	319.1	337.9	6.3	62.1	2.4	68.
14.6	48.6	4496.8	600.0	3.3	-1.8	234.5	2.2	1.9	1.4	320.0	337.0	5.6	69.2	2.6	68.
15.8	51.6	4941.4	575.0	1.0	-0.7	201.2	3.0	1.1	2.8	321.2	340.4	6.4	68.3	2.7	66.
17.1	54.9	5198.4	550.0	-0.2	-5.9	174.0	2.7	-0.3	2.7	323.8	336.8	4.2	60.7	2.9	62.
18.4	58.1	5569.6	525.0	-2.9	-8.3	122.5	2.0	-1.7	1.1	325.0	337.2	3.9	65.8	2.9	58.
20.0	61.6	5955.9	500.0	-3.5	-12.3	0.8	1.6	-0.0	-1.6	328.3	338.4	3.0	64.4	2.8	56.
21.6	65.1	6350.5	475.0	-5.0	-14.7	291.6	3.3	3.1	-1.2	331.8	340.3	2.6	46.3	2.8	63.
23.1	68.6	6783.7	450.0	-8.1	-17.1	267.1	5.4	6.4	0.3	333.1	340.6	2.2	48.3	3.2	66.
24.7	72.2	7224.8	425.0	-11.6	-21.0	275.5	5.9	5.8	-0.6	334.0	339.8	1.7	45.8	3.8	70.
26.7	76.2	7686.7	400.0	-15.1	-24.4	277.7	5.3	5.8	-0.8	335.3	339.9	1.3	44.8	4.3	75.
28.6	80.1	8171.9	375.0	-17.9	-27.2	330.7	3.5	1.7	-3.1	337.9	341.7	1.1	42.6	4.8	78.
30.4	84.2	8663.1	350.0	-22.9	-29.3	328.5	3.0	1.6	-2.5	337.9	341.4	1.0	55.7	4.8	83.
32.2	88.5	9223.2	325.0	-26.5	-34.4	273.3	2.7	2.7	-0.2	340.1	342.5	0.6	47.0	5.1	84.
34.2	93.2	9798.3	300.0	-29.6	-38.4	273.6	2.3	2.3	-0.1	343.7	345.4	0.5	41.6	5.4	85.
36.1	97.8	10413.4	275.0	-34.3	-43.0	288.0	2.9	2.8	-0.9	345.5	346.7	0.3	40.7	5.7	86.
38.2	102.8	11073.2	250.0	-39.4	-49.9	30.7	1.6	-0.8	-1.3	347.5	999.9	99.9	999.9	5.9	88.
40.8	108.5	11784.0	225.0	-44.7	-59.9	67.5	2.7	-2.5	-1.0	350.0	999.9	99.9	999.9	5.6	86.
43.6	114.0	12564.2	200.0	-50.4	-69.9	53.1	6.8	-5.8	-3.6	352.9	999.9	99.9	999.9	4.7	91.
46.4	120.3	13422.0	175.0	-57.3	-79.9	60.7	5.9	-6.0	-3.4	355.3	999.9	99.9	999.9	3.8	104.
49.4	127.0	14383.4	150.0	-63.1	-89.9	65.9	7.5	-6.9	-2.9	361.5	999.9	99.9	999.9	2.8	119.
53.4	134.3	15490.6	125.0	-68.6	-99.9	82.0	6.5	-6.5	-0.9	370.8	999.9	99.9	999.9	1.7	165.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

10 JULY 1977  
0 GMT

126 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEP PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	873.0	917.0	33.3	14.4	245.0	2.6	2.4	1.1	314.1	346.4	11.3	32.0	0.0	0.
99.9	99.9	99.9	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	15.7	1041.5	900.0	30.3	16.4	249.6	5.0	4.6	1.8	312.8	349.8	13.2	43.1	0.2	64.
1.2	18.1	1292.7	875.0	28.1	15.8	240.9	4.7	4.1	2.3	313.0	349.7	13.1	47.4	0.4	66.
2.0	20.6	1549.3	850.0	25.5	14.6	216.2	3.4	2.0	2.8	312.9	347.9	12.4	50.8	0.6	61.
2.8	23.1	1811.1	825.0	23.3	13.7	215.3	2.6	1.5	2.2	313.2	347.2	12.1	54.9	0.7	54.
3.8	25.7	2078.9	800.0	20.6	11.8	213.9	2.4	1.4	2.0	313.1	344.3	11.0	57.4	0.8	52.
4.7	28.3	2352.5	775.0	17.9	10.7	213.9	3.6	2.0	3.0	312.9	342.8	10.5	63.1	1.0	49.
5.4	31.1	2632.4	750.0	15.4	9.5	214.9	2.9	1.6	2.4	313.3	340.1	9.4	63.6	1.2	47.
6.4	33.9	2919.4	725.0	13.3	6.7	229.6	2.2	1.6	1.4	314.1	338.8	8.6	64.2	1.3	47.
7.3	36.6	3214.1	700.0	11.0	3.3	219.9	1.7	1.1	1.3	314.7	335.1	7.0	58.9	1.4	47.
8.3	39.4	3510.5	675.0	8.4	1.1	217.5	2.1	1.3	1.7	315.0	332.2	6.2	60.1	1.5	46.
9.4	42.2	3827.4	650.0	5.7	-0.3	206.3	2.3	1.0	2.0	315.4	332.6	5.8	65.4	1.6	45.
10.4	45.2	4147.9	625.0	4.4	0.1	176.9	2.0	-0.1	2.0	317.5	335.9	6.2	73.2	1.7	42.
11.9	48.3	4479.9	600.0	2.4	1.2	162.9	2.8	-0.5	2.7	319.0	339.7	7.0	91.4	1.9	38.
12.9	51.3	4827.2	575.0	-0.5	-3.3	154.5	3.2	-0.5	3.1	319.4	335.3	5.3	81.6	2.0	33.
14.1	54.5	5177.7	550.0	-2.6	-12.0	151.2	1.9	-0.9	1.7	321.0	329.7	2.8	48.2	2.1	25.
15.7	57.6	5546.9	525.0	-3.0	-11.7	119.5	0.8	-0.7	0.4	324.8	334.3	3.0	51.1	2.1	25.
17.2	61.1	5971.8	500.0	-5.3	-20.9	305.5	3.2	2.6	-1.8	326.6	331.4	1.4	27.9	2.2	26.
18.5	64.6	6337.0	475.0	-7.3	-25.2	297.7	4.4	3.9	-2.0	328.9	332.4	1.0	22.2	2.1	37.
19.9	68.0	6752.5	450.0	-10.0	-30.7	289.9	4.1	3.8	-1.4	330.7	333.0	0.6	16.3	2.3	44.
21.4	71.6	7199.9	425.0	-13.2	-30.9	282.7	3.6	3.5	-0.8	332.0	334.5	0.7	21.8	2.4	52.
23.0	75.3	7649.1	400.0	-17.3	-26.8	269.9	2.8	2.4	-1.4	332.5	336.2	1.1	42.9	2.6	57.
24.5	79.4	8131.0	375.0	-20.0	-26.4	305.3	2.3	1.9	-1.3	335.2	339.3	1.2	56.0	2.7	62.
26.4	83.3	8678.5	350.0	-24.0	-24.7	329.2	3.6	1.8	-3.1	335.5	338.2	0.5	29.4	2.8	69.
28.3	87.5	9174.8	325.0	-28.4	-37.5	326.2	2.9	1.6	-2.4	337.6	339.3	0.5	41.2	2.9	76.
30.4	92.0	9747.0	300.0	-32.7	-47.1	332.0	1.3	0.6	-1.1	339.4	340.4	0.3	34.0	3.0	81.
32.7	96.6	10361.8	275.0	-36.7	-49.6	359.5	3.1	0.0	-3.1	342.0	342.6	0.1	24.6	3.0	85.
34.9	101.5	11004.5	250.0	-41.9	-69.9	29.2	5.9	-2.9	-5.1	343.8	999.9	99.9	999.9	3.0	97.
37.2	105.8	11709.6	225.0	-47.4	-95.9	36.5	7.2	-4.3	-5.8	345.9	999.9	99.9	999.9	2.6	115.
39.6	112.5	12477.8	200.0	-53.3	-99.9	44.1	5.5	-4.6	-4.7	348.4	999.9	99.9	999.9	2.6	135.
42.5	118.5	13325.7	175.0	-59.5	-99.9	55.9	11.0	-10.0	-4.5	351.8	999.9	99.9	999.9	2.9	168.
45.7	125.3	14279.5	150.0	-65.0	-99.9	74.9	7.3	-7.1	-1.7	358.1	999.9	99.9	999.9	3.6	196.
49.5	132.3	15372.5	125.0	-71.2	-99.9	104.4	4.9	-4.7	1.2	366.1	999.9	99.9	999.9	4.5	217.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

10 JULY 1977

0 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.4	771.0	929.2	28.6	19.2	120.0	4.1	-3.6	2.0	308.2	350.1	15.3	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.7	811.3	925.0	27.5	17.5	999.9	99.9	99.9	99.9	307.4	345.2	13.8	54.4	999.9	999.
1.5	13.9	1057.7	900.0	26.4	14.1	999.9	99.9	99.9	99.9	308.8	340.4	11.4	46.8	999.9	999.
2.5	16.0	1302.1	875.0	25.9	14.7	213.3	4.7	2.6	3.9	310.7	344.8	12.2	50.1	0.7	354.
3.6	18.3	1556.4	850.0	22.8	13.1	235.2	5.9	4.8	3.3	310.1	341.5	11.2	54.2	1.0	11.
4.8	20.5	1815.9	825.0	20.5	12.4	233.5	7.4	6.0	4.4	310.3	341.2	11.0	59.4	1.3	24.
5.9	22.8	2080.9	800.0	17.2	10.4	245.1	7.1	6.4	3.0	309.5	337.5	10.0	64.4	1.8	34.
7.2	25.2	2351.1	775.0	14.4	9.3	248.9	5.7	5.3	2.1	309.3	336.3	9.6	71.4	2.2	41.
8.3	27.4	2627.7	750.0	12.1	8.2	264.5	4.1	4.1	0.4	309.7	336.6	9.6	80.8	2.4	45.
9.4	29.9	2911.1	725.0	9.4	7.4	252.2	5.1	5.1	0.7	309.8	335.2	9.0	87.4	2.7	49.
10.5	32.5	3202.1	700.0	7.3	5.9	257.9	5.0	4.8	1.0	310.5	334.4	8.4	91.1	3.0	53.
11.8	35.1	3500.9	675.0	4.5	3.5	263.3	3.7	3.7	0.4	310.7	331.8	7.3	92.9	3.3	56.
13.1	37.6	3809.5	650.0	3.2	2.0	276.5	2.4	2.4	-0.3	312.6	332.4	6.9	92.3	3.5	58.
14.4	40.4	4125.9	625.0	1.0	-0.2	294.7	2.4	2.2	-1.0	313.6	331.3	6.1	92.2	3.6	59.
15.6	43.0	4453.3	600.0	-1.0	-1.9	293.3	3.9	3.5	-1.5	315.0	331.4	5.6	93.4	3.7	62.
16.8	45.9	4792.7	575.0	-2.5	-3.5	291.7	4.6	4.6	-0.9	317.0	332.5	5.1	92.8	4.0	66.
18.0	48.9	5144.9	550.0	-4.5	-5.6	270.3	5.3	5.3	-0.0	318.7	332.7	4.6	92.2	4.3	68.
19.3	51.8	5511.1	525.0	-6.0	-7.4	254.2	6.0	5.7	1.6	321.2	334.1	4.2	89.8	4.7	69.
20.7	55.0	5891.8	500.0	-8.0	-15.5	254.6	6.3	6.3	0.6	323.3	330.6	2.3	54.6	5.2	70.
22.3	58.0	6289.3	475.0	-10.0	-39.5	291.8	7.2	7.0	-1.5	325.5	326.5	0.3	6.8	5.8	72.
24.1	61.4	6704.1	450.0	-12.3	-52.6	284.2	6.9	6.7	-1.7	327.7	328.0	0.1	2.3	6.5	76.
26.2	65.0	7138.5	425.0	-15.0	-30.0	291.1	6.9	6.7	-1.3	329.8	332.4	0.7	26.3	7.3	79.
28.2	68.4	7594.9	400.0	-17.9	-31.6	275.3	7.9	7.9	-0.7	331.7	334.1	0.7	28.8	8.1	81.
30.0	72.0	8074.3	375.0	-21.2	-42.3	295.6	4.4	4.0	-1.9	333.5	334.4	0.2	12.9	8.8	83.
31.9	76.0	8580.2	350.0	-24.7	-42.3	285.9	4.9	4.7	-1.3	335.5	336.4	0.3	17.7	9.2	84.
33.9	80.1	9114.4	325.0	-29.2	-43.9	268.5	3.6	3.6	0.1	336.5	337.4	0.2	22.7	9.7	85.
35.9	84.4	9681.4	300.0	-33.5	-51.0	282.4	3.7	3.6	-0.8	339.1	338.6	0.1	15.3	10.2	85.
38.4	88.8	10285.9	275.0	-38.4	-55.4	296.1	2.2	2.0	-1.0	339.6	339.9	0.1	14.6	10.6	86.
40.7	93.8	10934.2	250.0	-43.2	99.9	334.8	3.9	1.7	-3.5	341.9	999.9	99.9	999.9	10.8	87.
43.5	98.8	11636.2	225.0	-48.2	99.9	13.5	5.9	-1.4	-5.8	344.6	999.9	99.9	999.9	10.8	92.
47.0	104.3	12407.5	200.0	-54.0	99.9	43.9	7.0	-4.9	-5.0	347.2	999.9	99.9	999.9	10.2	99.
50.8	110.4	13245.5	175.0	-60.9	99.9	75.2	7.3	-7.1	-1.7	349.5	999.9	99.9	999.9	9.1	105.
54.3	116.9	14187.0	150.0	-68.2	99.9	89.7	3.8	-3.8	-0.1	352.7	999.9	99.9	999.9	8.0	109.
59.1	124.7	15266.8	125.0	-73.2	99.9	226.0	1.2	0.9	0.8	362.5	999.9	99.9	999.9	7.5	110.
64.9	133.0	16585.1	100.0	-66.4	99.9	999.9	99.9	99.9	99.9	399.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 440  
ROBERT LEE, TEXAS

9 JULY 1977  
2355 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	585.0	944.5	31.0	20.0	150.0	1.0	0.0	1.0	308.8	351.9	15.7	52.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.8	11.7	804.7	525.0	27.3	16.8	999.9	99.9	99.9	99.9	307.7	343.9	13.2	51.2	999.9	999.9
1.8	14.0	1051.6	900.0	26.9	16.0	999.9	99.9	99.9	99.9	309.3	344.9	12.9	51.3	999.9	999.9
2.8	16.1	1300.1	875.0	25.0	15.5	150.6	3.3	-1.1	3.1	309.7	345.2	12.8	55.7	0.5	301.
3.8	14.5	1544.2	850.0	22.8	14.2	164.0	2.5	0.2	2.5	310.1	343.9	12.1	58.3	0.6	316.
4.9	20.9	1817.9	925.0	20.5	13.8	178.1	2.2	-0.1	2.2	310.3	344.2	12.2	65.7	0.7	325.
6.1	23.2	2075.1	900.0	17.3	13.4	237.4	1.5	1.2	0.9	310.1	344.1	12.2	75.6	0.8	330.
7.1	25.6	2350.7	775.0	15.3	12.5	259.2	3.7	3.5	3.7	310.8	343.9	11.8	80.6	0.7	343.
8.2	28.0	2628.8	750.0	13.4	11.2	257.5	3.9	3.8	0.8	311.1	342.7	11.2	85.4	0.8	4.
9.3	30.7	2914.0	725.0	11.0	8.0	255.4	2.9	2.9	0.1	311.6	338.1	9.4	81.6	0.9	19.
10.3	33.4	3206.9	700.0	9.5	4.5	291.3	1.7	1.6	-0.6	313.2	335.1	7.6	70.3	0.9	28.
11.4	35.0	3504.0	675.0	7.5	2.2	334.1	1.5	0.6	-1.3	314.1	333.5	6.7	69.0	0.9	33.
12.5	38.2	3819.5	650.0	5.3	1.0	342.2	1.4	0.4	-1.3	315.0	333.7	6.4	73.8	0.8	39.
13.8	41.5	4133.5	625.0	3.3	0.3	324.4	1.4	0.9	-1.2	316.2	334.7	6.3	80.8	0.8	45.
15.1	44.5	4454.9	600.0	1.2	-1.5	335.6	1.3	0.5	-1.2	317.5	334.5	5.7	81.6	0.7	57.
15.8	47.6	4810.9	575.0	-0.6	-5.5	264.4	1.9	1.9	0.1	319.3	331.9	4.1	64.3	0.8	60.
19.2	50.6	5165.3	550.0	-2.1	-9.6	275.2	3.5	3.5	-0.3	321.7	332.2	3.4	56.3	1.0	69.
19.7	53.8	5574.5	525.0	-4.1	-13.7	275.7	3.1	3.1	-0.3	323.5	331.9	2.6	48.9	1.3	75.
21.1	56.8	5913.0	500.0	-6.5	-10.9	263.8	3.3	3.3	0.4	325.2	335.7	3.3	70.5	1.6	77.
22.8	60.3	6317.6	475.0	-9.0	-11.9	262.0	2.2	2.1	0.3	326.9	337.2	3.2	79.2	1.8	77.
24.4	63.9	6735.2	450.0	-10.7	-14.6	259.2	4.0	3.5	-1.9	329.9	335.9	1.8	48.1	2.0	81.
25.6	67.3	7177.5	425.0	-14.0	-24.8	313.0	5.3	3.5	-3.9	331.0	335.1	1.2	39.4	2.5	91.
29.5	71.0	7630.0	400.0	-17.3	-30.7	330.9	6.7	3.3	-5.9	332.6	335.2	0.7	25.8	3.0	102.
30.3	75.0	8110.8	375.0	-20.8	-25.3	351.9	5.1	0.7	-5.0	334.1	338.6	1.3	66.9	3.4	112.
32.2	79.2	8510.0	350.0	-24.2	-33.4	354.1	2.9	0.3	-2.9	336.2	339.8	1.0	67.7	3.6	118.
35.1	83.3	9155.0	325.0	-27.4	-44.5	184.1	0.5	0.0	0.5	338.9	339.8	0.2	17.8	3.8	120.
37.3	87.7	9705.2	300.0	-31.5	-44.1	147.7	2.7	-1.5	2.3	340.8	341.8	0.2	28.2	3.5	118.
39.2	92.6	10334.8	275.0	-35.8	-39.9	335.9	1.4	0.5	-1.3	342.0	343.6	0.4	72.3	3.4	116.
41.4	97.5	10947.1	250.0	-42.3	99.9	32.1	2.1	-1.1	-1.8	343.1	999.9	99.9	999.9	3.6	120.
44.5	103.0	11690.7	225.0	-47.8	99.9	85.3	7.0	-7.0	-0.6	345.3	999.9	99.9	999.9	2.9	129.
47.6	109.0	12454.4	200.0	-53.6	99.9	70.5	8.5	-8.0	-2.8	347.9	999.9	99.9	999.9	2.5	159.
51.0	115.4	13704.0	175.0	-60.3	99.9	83.2	11.3	-11.2	-1.3	350.5	999.9	99.9	999.9	2.9	201.
54.8	122.7	14255.2	150.0	-65.1	99.9	79.6	4.7	-2.2	-4.1	357.9	999.9	99.9	999.9	4.3	220.
59.2	130.7	15351.7	125.0	-70.1	99.9	105.9	2.8	-2.7	0.8	368.0	999.9	99.9	999.9	5.3	226.
64.5	139.3	16673.7	100.0	-69.8	99.9	999.9	99.9	99.9	99.9	392.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

10 JULY 1977  
0 GNT

126 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.2	781.0	926.0	32.2	17.7	240.0	1.1	1.0	0.5	312.1	351.0	13.9	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	13.3	790.8	925.0	31.8	18.3	999.9	99.9	99.9	99.9	311.9	352.4	14.5	45.1	999.9	99.9
0.7	15.7	1035.6	900.0	27.4	16.7	999.9	99.9	99.9	99.9	309.8	347.3	13.5	52.4	999.9	99.9
1.4	18.1	1284.7	875.0	25.4	14.2	999.9	99.9	99.9	99.9	310.2	343.1	11.8	50.1	999.9	99.9
2.2	20.6	1579.2	850.0	23.7	13.2	155.5	3.4	-1.4	3.0	311.0	342.9	11.4	51.8	0.9	330.
3.0	23.1	1700.5	825.0	21.3	12.4	149.1	0.3	-0.4	0.7	311.1	342.3	11.1	56.7	1.0	330.
3.8	25.6	2055.8	800.0	19.0	12.2	132.2	0.4	-0.3	0.3	311.4	343.1	11.3	64.7	1.0	330.
4.5	29.2	2379.1	775.0	16.4	12.0	320.4	0.5	0.3	-0.4	311.5	343.8	11.5	75.1	1.0	330.
5.2	31.0	2616.9	750.0	14.0	11.7	276.3	0.4	0.4	-0.0	311.8	344.4	11.6	85.8	1.0	330.
6.0	33.0	2902.3	725.0	10.9	9.9	152.2	0.5	-0.2	0.4	311.4	341.5	10.7	93.5	1.0	331.
6.7	36.4	3104.9	700.0	8.3	6.3	192.0	1.6	0.3	1.6	311.7	336.3	8.6	97.1	1.0	330.
7.7	39.3	3495.4	675.0	6.9	5.9	206.9	3.6	1.6	3.2	313.4	338.4	8.7	93.6	1.2	339.
8.7	42.0	3905.5	650.0	5.4	4.7	186.4	2.6	0.3	2.6	315.1	339.2	8.3	95.1	1.3	345.
9.5	45.1	4125.6	625.0	3.3	2.6	162.9	1.5	-0.4	1.4	316.3	338.1	7.4	95.1	1.4	345.
10.0	48.1	4454.7	600.0	1.6	1.3	309.9	0.7	0.4	0.7	318.3	339.1	7.0	95.7	1.5	344.
10.6	51.1	4900.3	575.0	1.0	0.5	276.5	2.1	2.1	-0.2	321.2	342.0	6.9	96.1	1.5	346.
11.2	54.3	5157.4	550.0	-0.5	-1.2	284.0	3.6	3.5	-0.9	323.4	342.8	6.4	95.9	1.4	345.
11.5	57.4	5528.5	525.0	-3.2	-3.8	294.9	4.1	3.9	-1.0	324.6	341.5	5.5	95.5	1.4	354.
12.1	60.8	5917.3	500.0	-6.9	-7.5	283.2	3.2	3.2	-0.7	324.7	338.3	4.4	94.9	1.3	0.
13.7	64.1	6317.8	475.0	-7.7	-11.8	316.7	5.5	3.7	-4.2	328.4	339.1	3.3	72.7	1.2	13.
16.0	67.5	6729.0	450.0	-12.4	-21.6	312.9	6.5	4.8	-4.4	327.7	332.7	1.5	45.9	1.0	59.
17.4	71.0	7167.0	425.0	-16.4	-34.8	293.4	6.5	5.7	-3.1	327.9	329.6	0.5	18.5	1.3	83.
18.5	74.7	7619.0	400.0	-18.5	-32.9	294.2	6.0	5.5	-2.5	330.9	333.0	0.6	27.0	1.6	90.
19.9	79.5	8096.7	375.0	-21.6	-33.1	300.1	5.3	5.0	-2.9	333.0	335.3	0.6	34.2	2.1	95.
21.3	82.3	8601.0	350.0	-25.1	-35.5	302.2	5.7	4.9	-3.1	334.9	336.8	0.5	37.3	2.5	102.
23.1	86.3	9176.4	325.0	-28.3	-44.8	291.5	5.0	4.7	-1.8	337.7	338.5	0.2	18.9	3.2	104.
24.9	90.8	9705.0	300.0	-32.0	-49.9	272.3	3.0	3.0	-0.1	340.2	340.8	0.1	15.0	3.6	105.
26.7	95.3	10314.1	275.0	-36.9	-53.9	25.7	0.4	-0.2	-0.3	341.8	342.1	0.1	15.1	3.7	103.
29.9	100.2	10967.1	250.0	-41.4	-59.9	18.4	1.1	-0.3	-1.0	344.6	999.9	99.9	999.9	3.6	106.
31.3	105.3	11674.0	225.0	-45.0	99.9	84.6	6.4	-6.3	-0.6	345.0	999.9	99.9	999.9	3.3	110.
33.7	110.8	12449.0	200.0	-52.5	99.9	65.4	6.2	-5.7	-2.5	349.6	999.9	99.9	999.9	2.4	122.
36.3	115.5	13303.4	175.0	-56.7	99.9	65.1	5.9	-6.3	-2.9	353.0	999.9	99.9	999.9	2.3	150.
39.1	123.3	14255.9	150.0	-64.5	99.9	69.3	5.3	-5.0	-1.9	358.9	999.9	99.9	999.9	2.4	175.
42.4	130.4	15359.5	125.0	-69.6	99.9	59.3	3.3	-2.8	-1.7	370.8	999.9	99.9	999.9	2.7	196.
44.2	137.9	16599.1	100.0	-70.4	99.9	99.9	99.9	99.9	99.9	391.8	999.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

10 JULY 1977  
130 GMT

125 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	771.0	929.2	27.5	19.5	133.0	2.1	-1.6	1.3	307.0	350.3	15.9	63.0	0.0	0.
99.9	99.9	929.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	7.4	811.3	925.0	26.7	18.8	99.9	99.9	99.9	99.9	325.5	347.5	15.0	61.8	999.9	999.9
0.0	9.7	1052.6	900.0	24.0	14.6	99.9	99.9	99.9	99.9	306.3	335.5	11.7	55.7	999.9	999.9
2.0	12.1	1299.1	875.0	23.4	14.9	138.1	5.4	-3.6	4.0	309.1	341.9	12.2	58.3	0.8	311.
3.1	14.4	1552.1	850.0	22.0	13.1	153.1	5.3	-2.4	4.7	299.2	340.7	11.3	57.1	1.1	317.
4.3	16.8	1811.4	825.0	20.7	11.3	198.6	4.4	1.4	4.2	310.5	340.4	10.6	56.5	1.4	324.
5.4	19.3	2076.8	800.0	18.3	10.3	220.1	4.0	2.6	3.0	310.7	338.7	9.9	55.6	1.5	334.
6.5	21.7	2349.4	775.0	16.2	8.6	241.6	3.5	3.1	1.7	311.2	337.1	9.1	60.9	1.5	342.
7.9	24.4	2626.5	750.0	13.5	5.8	263.7	3.4	3.4	0.3	311.3	335.0	8.3	62.6	1.6	352.
9.2	27.1	2911.2	725.0	11.1	4.9	278.5	2.8	2.8	-0.2	311.7	333.3	7.5	65.4	1.6	2.
10.5	29.7	3203.6	700.0	9.0	3.1	297.1	2.0	1.7	-0.9	312.4	332.3	6.9	66.7	1.6	8.
11.7	32.4	3504.2	675.0	6.5	3.0	338.1	2.2	0.8	-2.1	312.9	333.4	7.1	78.6	1.5	12.
13.1	35.1	3822.9	650.0	3.8	1.9	320.4	2.2	1.2	-1.8	313.3	333.0	6.8	87.2	1.3	17.
14.6	38.1	4171.3	625.0	2.4	0.6	299.7	1.4	1.4	-0.5	315.2	334.2	6.5	88.0	1.3	23.
16.0	41.1	4460.2	600.0	-0.3	-2.3	259.5	2.6	2.6	0.5	315.6	331.8	5.4	86.1	1.3	30.
17.3	44.1	4800.1	575.0	-2.3	-3.8	269.5	2.8	2.5	0.0	317.3	332.4	5.1	89.9	1.5	36.
18.9	47.1	5152.4	550.0	-4.6	-5.7	294.3	3.9	3.5	-1.6	319.6	332.5	4.6	92.4	1.6	46.
20.2	50.1	5519.1	525.0	-6.5	-7.0	283.1	3.8	3.7	-0.9	320.7	333.3	4.1	91.1	1.8	56.
21.9	53.5	5898.5	500.0	-9.1	-10.4	279.9	4.4	4.3	-0.9	321.9	332.8	3.5	90.3	2.1	62.
23.4	56.9	6304.1	475.0	-11.0	-16.7	255.3	7.1	6.4	-3.2	324.4	331.4	2.2	82.4	2.5	72.
25.1	60.2	6707.5	450.0	-13.7	-22.8	301.7	6.7	5.7	-3.5	325.0	330.6	1.4	46.0	3.1	82.
27.4	63.9	7120.3	425.0	-15.0	-29.4	292.0	9.0	8.3	-3.4	325.6	331.4	0.3	50.1	3.9	91.
29.9	67.4	7595.4	400.0	-17.7	-38.9	292.0	10.0	9.3	-3.4	325.6	332.4	0.1	45	5.2	96.
32.1	71.3	8074.3	375.0	-20.1	-52.7	318.0	7.6	5.5	-5.3	338.9	335.0	0.0	1.0	6.3	101.
34.2	75.2	8574.0	350.0	-24.3	-65.4	310.7	7.0	4.5	-4.5	338.1	336.1	0.0	1.0	7.1	105.
36.8	79.4	9119.2	325.0	-28.5	-84.3	295.7	7.5	6.7	-3.7	337.4	337.6	C.1	6.4	8.1	108.
39.6	83.9	9694.9	300.0	-33.4	-93.5	292.5	5.7	5.3	-2.2	338.4	338.7	C.1	11.0	9.2	109.
42.4	88.6	10291.1	275.0	-38.3	-99.9	135.9	1.1	-0.8	0.9	339.9	340.1	0.1	17.6	9.9	109.
45.4	93.4	10841.7	250.0	-42.1	99.9	54.8	3.0	-2.5	-1.8	343.4	999.9	99.9	99.9	9.7	109.
48.7	98.5	11424.7	225.0	-47.6	99.9	21.0	5.3	-1.9	-5.0	345.6	999.9	99.9	99.9	9.3	114.
52.2	104.2	12417.2	200.0	-54.1	99.9	35.7	6.3	-3.8	-5.0	345.8	999.9	99.9	99.9	9.5	122.
55.4	110.0	13254.9	175.0	-60.9	99.9	60.4	3.4	-3.0	-1.7	349.3	999.9	99.9	99.9	9.2	127.
60.1	115.3	14197.9	150.0	-66.1	99.9	71.0	2.1	-3.0	-0.7	356.3	999.9	99.9	99.9	8.8	131.
64.5	124.3	15289.4	125.0	-72.8	99.9	80.3	3.1	-3.0	-0.5	363.2	999.9	99.9	99.9	8.4	140.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

10 JULY 1977  
126 GMT

120 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DS
0.0	13.6	595.0	949.9	29.2	20.1	190.0	1.1	0.0	1.1	306.9	350.0	15.8	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
0.7	12.6	812.4	525.0	27.7	18.5	99.9	99.9	99.9	99.9	307.6	347.7	14.7	57.4	999.9	999.9
1.8	14.8	1055.1	900.0	26.0	16.6	99.9	99.9	99.9	99.9	309.3	345.0	13.3	56.1	999.9	999.9
2.8	16.8	1307.7	875.0	25.1	15.6	136.0	3.0	-2.1	2.1	309.9	345.7	12.9	55.7	0.6	275.
3.9	18.9	1557.9	850.0	23.3	14.4	162.0	3.4	-1.1	3.2	310.6	344.8	12.2	57.1	0.7	288.
4.8	21.0	1817.6	825.0	21.1	13.3	179.6	3.9	-0.0	3.9	310.9	343.7	11.7	61.2	0.9	302.
5.9	23.4	2087.5	800.0	18.7	11.4	197.1	2.5	0.7	1.9	311.5	341.4	10.6	69.2	1.0	313.
7.0	25.6	2355.7	775.0	16.5	10.8	214.5	2.3	1.3	1.4	311.5	341.4	10.6	69.2	1.0	313.
8.3	28.0	2634.2	750.0	14.4	8.3	234.9	2.0	1.7	1.2	312.2	338.4	9.2	66.7	1.0	331.
9.4	30.5	2920.1	725.0	11.8	6.4	250.4	1.8	1.7	0.6	312.4	336.4	8.4	65.7	1.0	339.
10.7	33.0	3212.9	700.0	9.4	3.8	253.1	1.8	1.7	0.5	313.0	333.9	7.2	67.9	1.0	345.
11.8	35.5	3514.6	675.0	7.4	2.8	233.5	1.7	1.6	0.8	313.9	334.2	7.0	72.7	1.1	352.
13.0	38.0	3824.3	650.0	5.0	1.8	231.6	0.8	0.7	0.5	314.6	334.3	6.7	79.5	1.1	356.
14.2	40.6	4143.9	625.0	2.6	0.5	265.0	0.5	0.5	0.0	315.4	334.2	6.4	86.4	1.1	358.
15.7	43.2	4473.3	600.0	0.7	-3.2	290.4	1.7	1.6	-0.6	316.9	332.0	5.0	75.2	1.1	2.
17.1	46.1	4814.5	575.0	-0.9	-5.4	277.5	3.5	3.4	-0.4	319.0	332.6	4.5	71.3	1.0	12.
19.4	49.0	5154.7	550.0	-2.3	-7.5	269.9	3.8	3.8	0.1	321.3	333.5	4.0	67.4	1.2	29.
19.9	51.8	5574.9	525.0	-4.9	-7.1	283.2	1.1	1.1	-0.3	322.6	335.8	4.3	84.3	1.3	37.
21.1	54.9	5919.9	500.0	-6.4	-10.7	297.0	2.0	1.9	-0.9	325.2	335.9	3.4	71.2	1.3	38.
22.5	57.8	6270.2	475.0	-8.1	-16.8	305.3	5.5	4.4	-3.3	327.9	335.1	2.2	49.9	1.4	53.
24.1	61.1	6735.3	450.0	-10.6	-37.4	315.7	6.4	4.5	-4.6	330.0	331.2	0.3	8.8	1.6	74.
25.9	64.4	7175.0	425.0	-14.3	-36.6	316.1	7.3	5.1	-5.3	330.6	332.0	0.4	12.0	2.0	91.
27.6	67.7	7632.0	400.0	-17.5	-32.0	317.4	7.1	4.8	-5.2	332.2	334.6	0.7	28.6	2.3	104.
29.3	71.1	8112.3	375.0	-21.1	-27.7	337.0	6.8	3.7	-5.7	333.7	337.3	1.0	55.5	3.3	112.
31.1	75.0	8617.4	350.0	-24.9	-28.6	307.5	2.6	2.1	-1.6	335.2	338.8	1.0	71.1	3.7	116.
33.2	79.0	9152.5	325.0	-29.1	-36.6	283.2	1.6	1.5	-0.5	336.5	338.4	0.5	47.9	3.9	117.
35.2	83.0	9720.4	300.0	-32.7	-39.5	284.9	2.3	1.7	1.5	339.3	340.8	0.4	50.1	4.1	114.
37.4	87.0	10327.1	275.0	-37.9	-42.0	25.0	0.8	-0.4	-0.8	340.3	341.6	0.3	65.0	4.2	113.
40.2	91.8	10977.0	250.0	-42.4	-42.4	99.9	100.8	2.9	-2.9	343.1	599.9	99.9	995.9	4.0	113.
43.1	96.5	11630.5	225.0	-48.4	95.5	99.9	99.9	5.9	0.8	344.0	999.9	99.9	995.9	3.2	118.
46.5	101.6	12447.7	200.0	-55.1	99.9	75.6	6.8	-6.6	-1.7	345.6	999.9	99.9	999.9	2.8	133.
49.6	107.3	13284.4	175.0	-60.7	99.9	82.6	11.0	-10.9	-1.4	349.7	999.9	99.9	995.9	1.8	176.
53.2	113.3	14220.8	150.0	-66.6	99.9	65.3	5.4	-4.9	-2.3	355.4	999.9	99.9	999.9	2.5	226.
57.5	120.3	15317.5	125.0	-71.9	99.9	144.1	3.2	-1.9	2.6	364.7	999.9	99.9	995.9	3.4	236.
62.8	127.8	16534.4	100.0	-71.1	95.5	599.9	99.9	99.9	99.9	390.4	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.5	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

10 JULY 1977  
130 GMT

123 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MZ RTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	731.0	925.4	28.7	23.2	90.0	3.5	-3.8	0.0	309.5	353.1	16.3	60.0	0.0	0.
99.9	99.0	66.9	1003.0	59.9	99.9	93.0	99.9	99.9	99.9	99.9	599.9	99.9	999.9	999.9	999.9
99.9	99.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.0	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	12.7	794.4	525.0	28.5*	95.5	999.9	99.9	99.9	99.9	308.4	999.9	99.9	999.9	999.9	999.9
0.7	15.2	1074.9	900.0	26.1	15.7	999.0	99.9	99.9	99.9	308.4	343.3	12.6	52.9	999.9	999.9
1.8	17.4	1245.2	875.0	24.9	14.5	149.6	4.6	-2.5	4.2	309.6	344.3	12.5	54.9	0.8	326.
2.8	20.0	1495.0	850.0	22.9	13.9	112.7	3.0	-2.7	1.1	309.7	342.7	11.9	58.0	1.0	322.
3.9	22.3	1798.5	825.0	20.2	12.4	11.6	2.3	-1.8	1.6	310.0	341.0	11.1	61.0	1.1	320.
4.9	24.9	2067.5	800.0	18.0	11.3	99.9	1.6	-1.5	0.3	310.3	340.1	10.6	65.2	1.2	318.
5.9	27.3	2375.1	775.0	15.5	11.5	30.6	0.3	-0.2	-0.2	310.5	341.7	11.1	77.3	1.3	316.
7.0	29.8	2612.9	750.0	13.4	8.4	22.4	2.2	-0.9	-0.9	311.1	337.5	9.3	71.8	1.2	312.
9.0	32.6	2809.0	725.0	11.7	5.2	23.5	2.7	-1.1	-1.1	312.3	334.5	7.7	64.5	1.0	322.
9.0	35.7	3101.1	700.0	9.9	2.0	27.2	2.2	-0.0	-0.0	313.5	332.0	6.3	57.7	0.9	337.
10.0	38.0	3402.7	675.0	9.5	-0.4	22.4	2.0	1.5	1.4	315.2	331.7	5.5	53.4	0.9	336.
11.0	40.7	3673.6	650.0	5.5	-1.5	22.4	1.9	1.5	1.3	315.6	330.9	5.2	57.6	1.0	341.
12.0	43.5	4123.4	625.0	2.9	-3.7	24.4	2.1	1.8	1.0	315.8	329.8	4.7	61.4	1.0	349.
13.2	46.5	4473.1	600.0	0.9	-1.7	24.4	2.2	2.1	0.6	317.1	334.0	5.7	63.4	1.1	356.
14.4	49.6	4702.5	575.0	0.2	-3.8	26.4	2.2	2.2	0.7	320.2	330.8	3.4	50.9	1.1	6.
15.7	52.4	5152.4	550.0	-2.5	-12.5	32.5	0.8	0.7	-0.4	321.1	329.6	2.7	46.1	1.1	13.
17.0	55.5	5419.3	525.0	-4.9	-12.5	29.3	0.4	0.3	0.2	322.6	331.4	2.8	54.8	1.1	12.
18.3	58.7	5931.7	500.0	-6.3	-13.4	27.6	3.0	2.7	-1.4	325.4	334.1	2.7	57.2	1.1	17.
19.5	62.1	6400.4	475.0	-5.6	-15.8	30.1	5.1	4.1	-3.0	326.1	333.7	2.4	60.6	1.0	34.
20.8	65.4	6717.0	450.0	-12.1	-15.1	29.0	6.4	5.7	-2.0	328.1	334.8	2.0	61.0	1.2	56.
22.2	69.9	7151.6	425.0	-14.6	-31.4	29.5	6.9	6.1	-2.9	330.3	332.6	0.7	22.5	1.6	77.
23.6	72.3	7409.2	400.0	-17.9	-24.7	29.9	7.1	6.2	-3.4	331.8	336.2	1.3	55.0	2.0	87.
25.4	76.2	8027.5	375.0	-21.3	-33.4	22.1	6.4	5.9	-2.4	333.4	335.5	0.6	32.4	2.7	94.
27.2	80.1	8583.5	350.0	-24.7	-36.2	20.9	6.5	5.5	-2.3	335.5	337.3	0.5	33.1	3.3	58.
29.2	84.0	9128.9	325.0	-28.4	-43.4	27.4	4.2	3.7	-1.9	337.5	338.8	0.3	30.2	4.0	101.
31.4	88.2	9498.7	300.0	-32.7	-47.1	29.4	3.0	2.8	-0.8	339.3	339.9	0.2	22.0	4.3	103.
33.2	92.6	10306.2	275.0	-37.4	-51.2	33.2	3.3	1.5	-2.9	341.1	341.6	0.1	21.8	4.7	104.
35.6	97.2	10858.1	250.0	-42.1	-59.9	33.3	2.5	-1.9	1.6	343.5	999.9	99.9	999.9	4.7	105.
39.1	102.0	11657.0	225.0	-47.8	99.9	67.7	3.8	-3.6	-1.3	345.8	999.9	99.9	999.9	4.4	104.
41.0	107.5	12470.9	200.0	-53.0	99.9	65.5	5.2	-4.8	-2.2	347.4	999.9	99.9	999.9	3.8	116.
44.0	113.3	13277.0	175.0	-60.3	99.9	87.6	9.1	-9.1	-0.4	350.4	999.9	99.9	999.9	2.6	123.
45.9	119.3	14225.7	150.0	-65.4*	99.9	99.9	99.9	99.9	99.9	357.2	999.9	99.9	999.9	999.9	999.9
51.0	126.3	15731.0	125.0	-69.3	99.9	133.4	3.7	-2.7	2.5	368.2	999.9	99.9	999.9	2.7	178.
55.4	134.0	16447.9	100.0	-65.4	99.9	99.9	99.9	99.9	99.9	393.6	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

10 JULY 1977  
300 GMT

113 101. 0

TIME MIN	CNTCT	HFIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	473.0	914.7	28.9	8.6	120.0	5.3	-4.6	2.6	309.7	331.5	7.7	28.0	0.0	0.
99.9	99.9	99.0	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	14.5	1076.8	900.0	27.7	18.7	999.9	99.9	99.9	99.9	310.1	352.3	15.3	58.0	999.9	999.9
1.3	16.6	1246.4	875.0	25.7	16.6	599.9	99.9	99.9	99.9	310.5	348.6	13.7	57.2	999.9	999.9
2.0	18.8	1541.4	850.0	24.0	15.5	139.5	3.9	-2.6	2.9	311.3	348.0	13.2	55.0	0.7	312.
2.9	21.0	1802.1	825.0	21.7	13.6	163.8	2.6	-0.7	2.5	311.6	345.1	12.0	55.8	0.9	316.
3.7	23.2	2059.0	800.0	19.8	11.7	192.3	1.4	0.3	1.4	312.3	343.0	10.9	59.5	1.0	319.
4.7	25.5	2742.0	775.0	17.2	9.9	216.2	1.5	0.9	1.2	312.3	340.6	10.0	62.3	1.0	323.
5.7	27.8	2621.2	750.0	14.8	8.7	217.1	3.4	1.4	1.9	312.6	339.7	9.5	67.0	1.0	325.
6.7	30.2	2807.6	725.0	12.5	7.6	208.7	3.5	1.7	3.1	313.2	339.3	9.1	72.3	1.1	337.
7.7	32.6	3201.8	700.0	10.9	2.2	219.3	3.2	2.0	2.5	314.5	333.5	6.5	55.4	1.3	346.
8.9	35.1	3504.2	675.0	8.9	-1.6	233.6	2.3	1.9	1.4	315.5	330.6	5.0	47.8	1.4	352.
10.0	37.6	3815.8	650.0	6.4	-0.5	239.3	2.4	2.0	1.2	316.3	333.3	5.8	62.1	1.4	358.
11.1	40.2	4136.7	625.0	4.1	1.8	245.3	1.7	1.6	0.7	317.1	337.8	7.0	85.3	1.5	3.
12.2	42.8	4468.2	600.0	1.8	-0.1	242.4	1.0	0.9	0.5	318.2	337.2	6.4	87.0	1.6	6.
13.3	45.6	4811.3	575.0	-0.1	-2.6	170.8	0.9	-0.1	0.9	319.9	336.6	5.5	83.2	1.6	7.
14.4	48.3	5165.3	550.0	-1.7	-11.4	328.7	0.7	0.6	-0.4	321.1	331.3	2.9	47.2	1.7	6.
15.7	51.1	5575.5	525.0	-3.3	-10.8	334.1	3.2	1.4	-3.0	323.8	334.0	3.2	58.3	1.5	10.
17.0	54.1	5919.5	500.0	-6.0	-13.0	352.1	5.7	0.8	-5.6	325.7	334.8	2.9	57.8	1.2	19.
18.3	57.1	6319.1	475.0	-8.7	-20.1	2.4	5.7	-0.2	-5.7	327.2	332.7	1.6	39.5	0.7	31.
19.6	60.1	6736.1	450.0	-11.3	-19.5	343.7	2.6	0.7	-2.5	329.1	335.6	2.0	55.0	0.5	50.
21.0	63.4	7177.0	425.0	-13.9	-23.1	297.6	1.9	1.6	-0.8	331.2	336.0	1.4	45.5	0.5	66.
22.5	66.9	7530.4	400.0	-17.5	-27.3	289.0	2.0	1.9	-0.6	332.2	335.8	1.0	42.8	0.7	75.
24.2	70.3	8110.9	375.0	-20.6	-30.6	334.8	2.3	1.9	-1.3	334.3	334.9	0.2	8.3	0.9	85.
25.9	73.9	8618.6	350.0	-23.4	-34.6	319.4	3.7	2.4	-2.8	337.2	337.4	0.1	3.8	1.0	97.
27.8	77.7	9157.0	325.0	-27.5	-38.2	305.4	5.5	4.5	-3.3	338.9	339.2	0.1	6.8	1.5	109.
29.8	81.7	9727.7	300.0	-32.1	-40.9	315.8	4.5	3.1	-3.2	340.1	340.6	0.1	15.1	2.2	113.
32.2	85.8	10335.3	275.0	-36.8	-45.5	359.7	3.2	0.0	-3.2	342.3	342.3	0.1	10.7	2.6	123.
34.4	90.2	10990.1	250.0	-41.4	-50.6	50.6	3.1	-2.4	-2.0	344.5	999.9	99.9	999.9	2.6	130.
36.8	95.0	11695.9	225.0	-47.1	-59.6	77.0	4.3	-4.2	-1.0	346.4	999.9	99.9	999.9	2.4	142.
39.4	100.0	12455.0	200.0	-53.3	-69.9	83.7	3.5	-3.5	-0.4	348.4	999.9	99.9	999.9	2.0	155.
42.4	105.4	13117.6	175.0	-58.4	-79.5	69.4	4.4	-4.1	-1.5	351.9	999.9	99.9	999.9	2.4	177.
45.1	111.3	14241.1	150.0	-66.3	-90.9	53.7	4.0	-3.2	-2.4	356.0	999.9	99.9	999.9	2.5	190.
49.2	118.2	15744.7	125.0	-69.9	-99.9	121.7	0.9	-0.8	0.5	368.4	999.9	99.9	999.9	2.9	200.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

10 JULY 1977  
300 GMT

125 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	771.0	929.0	25.0	19.6	110.0	1.6	-1.5	0.5	304.5	346.7	15.7	72.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
1.0	11.6	909.0	925.0	24.3	19.1	999.9	99.9	99.9	99.9	304.2	345.3	15.3	73.0	999.9	999.9
1.0	13.7	1043.1	930.0	22.9	18.0	999.9	99.9	99.9	99.9	305.2	344.7	14.6	73.7	999.9	999.9
1.9	15.8	1295.6	975.0	23.1	18.0	999.9	99.9	99.9	99.9	307.8	349.1	15.1	73.1	999.9	999.9
3.0	19.0	1547.7	850.0	20.5	15.1	171.5	7.6	-1.1	7.6	307.6	342.8	12.8	71.2	1.6	330.
4.0	20.3	1805.1	925.0	19.5	13.7	182.2	5.5	0.2	5.5	309.2	342.6	12.0	69.2	1.9	334.
5.0	22.5	2073.8	900.0	17.7	11.0	226.9	4.1	3.0	2.8	310.1	339.3	10.4	64.9	2.1	339.
6.0	25.0	2341.6	775.0	15.6	10.1	244.2	4.3	3.9	1.9	310.6	335.1	10.1	65.9	2.1	346.
7.1	27.2	2620.1	750.0	13.0	9.0	263.3	3.6	3.6	0.1	310.7	338.1	9.7	76.8	2.2	353.
8.2	29.8	2904.5	725.0	10.7	5.9	285.5	2.5	2.4	-0.7	311.2	334.3	8.1	72.4	2.2	355.
9.3	32.4	3197.1	700.0	9.2	3.7	320.9	1.2	0.6	-1.0	312.7	333.5	7.2	68.5	2.1	1.
10.4	35.0	3457.4	675.0	6.2	1.6	24.3	1.0	-0.4	-1.0	312.6	331.2	6.4	72.5	2.0	1.
11.5	37.6	3805.1	650.0	3.8	0.6	316.5	0.7	0.5	-0.5	313.3	331.3	6.2	79.7	2.0	0.
12.7	40.3	4124.2	625.0	1.7	-1.8	265.9	3.0	3.0	0.2	314.4	330.4	5.4	77.3	1.9	4.
14.0	43.0	4452.5	600.0	-0.4	-3.4	260.0	5.4	5.3	0.9	315.7	330.5	5.0	75.8	2.0	12.
15.3	45.0	4792.3	575.0	-2.3	-5.7	359.6	6.0	5.9	1.1	317.2	330.5	4.4	77.3	2.3	24.
16.5	47.9	5145.2	550.0	-3.2	-8.1	246.6	6.2	6.2	0.4	320.3	332.0	3.8	69.0	2.5	32.
17.9	51.8	5512.1	525.0	-5.3	-10.3	290.0	5.0	5.9	-1.0	321.4	332.2	3.5	73.5	2.8	41.
19.3	55.0	5882.4	500.0	-8.3	-15.0	354.8	5.4	4.9	-2.3	322.9	330.5	2.4	58.6	3.0	50.
21.0	58.1	6295.7	475.0	-9.9	-17.5	309.6	5.3	4.1	-3.3	325.7	332.4	2.0	53.7	3.2	58.
22.5	61.5	6705.0	450.0	-12.7	-23.3	311.5	6.8	5.1	-4.5	327.3	331.7	1.3	40.3	3.4	67.
24.3	65.1	7120.2	425.0	-14.4	-27.9	319.5	7.7	5.0	-5.8	330.5	331.8	0.3	11.5	3.8	78.
26.1	68.6	7556.6	400.0	-17.0	-40.6	319.5	5.1	3.9	-4.6	332.9	333.9	0.3	10.8	4.2	87.
27.9	72.2	8077.5	375.0	-20.5	-43.5	345.6	5.2	1.2	-5.1	334.4	335.2	0.2	10.6	4.5	94.
29.9	75.7	8597.8	350.0	-24.5	-46.3	333.0	5.3	2.3	-4.3	335.2	335.9	0.2	11.6	4.7	121.
32.0	80.4	9114.3	325.0	-28.9	-49.2	315.5	4.5	4.8	-4.8	336.5	337.3	0.1	12.0	5.3	166.
34.1	84.8	9645.5	300.0	-33.5	-52.6	264.0	2.8	2.5	-1.1	338.2	336.6	0.1	12.4	5.9	189.
35.5	89.3	10200.8	275.0	-38.0	-53.9	299.3	2.0	1.9	-0.7	340.2	340.6	0.1	16.9	6.2	188.
39.2	94.4	10941.8	250.0	-42.4	-59.9	340.1	3.9	-3.6	-3.6	343.0	340.6	0.1	99.9	6.7	111.
42.2	99.5	11645.6	225.0	-47.6	-69.9	30.1	5.0	-2.5	-4.4	345.5	340.6	0.1	99.9	6.7	116.
45.5	105.3	12412.7	200.0	-53.7	-99.9	40.7	4.0	-3.6	-4.4	347.8	340.6	0.1	99.9	6.7	125.
49.3	111.5	13253.5	175.0	-60.2	-99.9	60.3	4.2	-3.6	-2.1	352.6	340.6	0.1	99.9	6.6	133.
53.1	119.3	14204.8	150.0	-65.5	-99.9	16.5	3.7	-0.9	-3.2	357.3	340.6	0.1	99.9	6.7	140.
57.0	126.3	15295.5	125.0	-72.4	-99.9	52.5	0.6	-0.5	-0.4	363.9	340.6	0.1	99.9	7.0	146.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

10 JULY 1977  
301 GMT

110 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	595.0	947.9	27.8	15.6	3.0	0.0	0.0	0.0	305.6	347.2	15.4	61.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	11.8	802.1	525.0	26.5	16.7	999.9	99.9	99.9	99.9	306.4	342.3	13.1	55.0	999.9	999.9
1.7	14.0	1044.2	900.0	26.7	15.8	999.9	99.9	99.9	99.9	305.7	343.5	12.7	52.2	999.9	999.9
2.7	15.1	1292.9	975.0	25.5	13.5	161.1	4.1	-1.3	3.9	310.3	342.6	11.5	48.7	0.8	300.
3.5	18.2	1547.4	850.0	23.4	12.5	156.8	4.7	1.4	4.5	310.6	341.0	10.8	50.5	0.9	312.
4.4	20.5	1807.6	825.0	21.4	11.2	213.9	4.5	2.5	3.7	311.2	340.1	10.2	52.5	1.0	326.
5.4	22.8	2077.5	800.0	19.2	10.3	220.0	4.3	2.2	3.3	311.6	339.7	9.9	56.3	1.1	339.
6.5	25.0	2346.6	775.0	16.7	9.1	205.3	5.2	2.2	4.7	311.8	338.6	9.4	60.7	1.3	350.
7.5	27.3	2624.4	750.0	14.5	7.3	203.7	4.8	1.9	4.4	312.4	337.0	8.6	61.8	1.5	356.
8.5	29.7	2910.1	725.0	11.6	6.9	210.4	4.6	2.3	3.9	312.2	337.0	8.7	72.8	1.8	1.
9.6	32.0	3203.1	700.0	9.4	4.2	219.6	3.9	2.5	3.0	312.9	334.3	7.4	69.9	2.1	5.
10.8	34.5	3504.6	675.0	7.7	2.3	241.2	3.2	2.8	1.5	314.3	334.0	6.7	68.6	2.2	9.
11.9	36.9	3815.1	650.0	5.7	0.6	253.8	2.3	2.2	0.6	315.4	333.6	6.2	69.3	2.3	13.
13.0	39.6	4135.8	625.0	3.9	-2.1	277.2	1.1	1.1	-0.1	316.9	332.6	5.2	64.6	2.4	16.
14.1	42.1	4464.8	600.0	1.8	-4.4	14.5	0.9	-0.2	-0.8	318.2	332.3	4.6	63.5	2.4	17.
15.4	44.9	4809.9	575.0	-0.9	-6.6	243.6	1.1	0.3	-1.0	319.1	333.5	4.7	75.0	2.3	18.
16.8	47.5	5163.0	550.0	-3.4	-5.5	17.3	2.2	-0.7	-2.1	320.1	334.2	4.6	84.9	2.2	18.
18.3	50.3	5529.9	525.0	-5.5	-6.2	325.9	2.9	1.2	-2.7	321.8	335.9	4.6	94.8	1.9	20.
19.8	53.1	5912.2	500.0	-7.1	-8.2	328.0	4.2	2.8	-3.1	324.3	337.3	4.1	92.5	1.8	27.
21.2	56.0	6312.2	475.0	-9.3	-14.8	326.2	7.4	4.1	-5.2	327.7	336.0	2.6	59.5	1.7	45.
22.8	59.1	6729.7	450.0	-11.5	-16.9	320.7	7.0	4.4	-5.4	328.6	336.1	2.3	64.8	1.6	68.
24.5	62.1	7165.4	425.0	-14.4	-28.0	309.3	9.0	6.9	-4.0	330.5	333.7	0.9	31.8	2.1	85.
26.2	65.4	7622.9	400.0	-17.1	-31.0	309.6	7.2	5.6	-4.6	332.7	335.3	0.7	25.2	2.9	56.
28.1	68.8	8105.0	375.0	-19.5	-27.5	317.1	5.5	4.4	-4.7	335.8	339.5	1.1	49.1	3.5	104.
29.9	72.1	8617.5	350.0	-22.9	-30.6	320.9	5.3	3.3	-4.1	336.6	335.7	0.8	53.5	4.0	109.
31.8	75.8	9149.9	325.0	-28.1	-35.8	323.4	3.9	2.2	-3.0	337.9	340.0	0.5	47.2	4.4	113.
34.0	79.6	9720.3	300.0	-32.1	-38.7	291.3	2.2	2.1	-0.4	340.2	341.8	0.4	51.6	4.8	115.
36.3	83.5	10329.1	275.0	-37.1	-42.2	162.1	1.5	-0.5	1.4	341.4	342.7	0.3	58.7	5.0	113.
38.9	87.5	10941.2	250.0	-41.9	99.9	119.0	6.5	-5.7	3.2	343.8	999.9	99.9	999.9	4.3	111.
41.8	91.8	11644.9	225.0	-45.1	99.9	121.8	5.9	-5.0	3.1	344.9	995.9	99.9	995.9	3.1	104.
45.2	95.4	12451.2	200.0	-48.2	99.9	94.2	6.4	-6.4	0.5	347.0	999.9	99.9	995.9	2.0	104.
49.3	101.2	13296.2	175.0	-52.9	99.9	97.5	7.3	-7.3	1.0	351.2	999.9	99.9	999.9	0.6	134.
52.2	105.4	14245.7	150.0	-66.1	99.9	53.9	6.0	-4.8	-3.5	356.2	999.9	99.9	995.9	0.9	234.
56.9	111.8	15335.2	125.0	-70.0	99.9	110.4	2.2	-2.1	0.8	368.2	999.9	99.9	999.9	2.0	283.
62.3	117.8	16657.8	100.0	-71.6	99.9	999.9	99.9	99.9	99.9	389.5	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	75.0	95.6	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. S50  
BIG SPRING, TEXAS

10 JULY 1977  
300 GMT

126 101. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	731.0	525.5	26.4	15.8	100.0	4.2	-0.1	0.7	306.2	345.3	15.9	67.0	0.0	0.
99.6	99.9	97.6	1003.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	995.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	573.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	55.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.5	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	12.6	795.3	925.0	26.0	19.1	999.9	99.9	99.9	99.9	305.9	347.4	15.3	65.9	999.9	999.9
1.0	14.8	1037.1	500.0	25.7	16.5	999.9	99.9	99.9	99.9	308.0	344.4	12.3	57.0	999.9	999.9
1.9	17.4	1295.3	875.0	24.3	15.4	154.7	6.1	-2.6	5.5	309.0	344.2	12.7	57.6	0.7	323.
2.7	19.9	1579.8	850.0	21.9	13.9	155.0	5.4	-2.2	4.9	309.1	342.1	11.9	60.3	1.0	327.
3.6	22.3	1799.0	525.0	20.2	13.1	151.2	5.2	-1.7	4.9	310.0	342.3	11.6	63.5	1.3	329.
4.5	24.8	2053.0	900.0	18.0	11.1	155.2	2.6	0.3	2.6	310.3	339.7	10.5	64.2	1.5	332.
5.4	27.4	2334.4	775.0	16.3	8.4	159.5	2.3	0.7	2.2	311.3	336.8	9.0	55.5	1.6	335.
6.4	30.3	2612.7	750.0	12.9	6.1	233.4	1.1	0.8	0.8	311.7	334.3	7.9	55.1	1.7	338.
7.4	33.0	2897.4	725.0	11.2	3.2	225.0	2.7	1.6	2.2	311.8	331.1	6.7	57.7	1.7	341.
8.5	35.7	3190.1	700.0	9.4	1.4	224.9	3.1	2.2	2.2	312.9	330.6	6.1	57.4	1.8	347.
9.5	38.6	3450.6	675.0	6.6	-0.2	234.7	2.3	1.9	1.4	313.1	329.5	5.6	61.5	1.9	352.
10.7	41.3	3700.3	650.0	5.5	-1.3	235.1	1.6	1.6	-0.2	315.1	331.1	5.4	61.7	2.0	355.
11.9	44.4	4119.0	625.0	3.1	-2.9	301.1	2.4	2.0	-1.2	316.0	330.8	5.0	64.8	1.9	359.
13.1	47.4	4445.5	600.0	0.4	-3.5	292.7	2.5	2.3	-1.0	316.6	331.5	5.0	75.1	1.8	3.
14.2	50.4	4760.4	575.0	-1.4	-1.9	291.4	3.8	3.5	-1.4	318.3	335.8	5.8	66.9	1.8	10.
15.5	53.6	5137.9	550.0	-3.2	-9.7	291.6	4.2	3.9	-1.5	320.3	330.6	3.3	60.7	1.7	20.
16.6	56.6	5510.8	525.0	-5.7	-12.4	309.2	5.9	5.1	-3.0	321.6	330.4	2.8	58.9	1.7	31.
17.9	59.0	5831.9	500.0	-7.4	-11.6	335.7	6.3	3.5	-5.2	324.0	334.0	3.2	72.1	1.7	46.
19.1	63.5	6260.3	475.0	-10.1	-20.1	333.3	5.5	2.9	-4.7	325.5	334.9	1.6	43.5	1.6	63.
20.5	64.9	6704.9	450.0	-12.1	-26.3	304.2	5.6	4.5	-3.1	329.0	331.7	1.1	32.1	1.8	76.
21.9	70.3	7110.4	425.0	-14.6	-26.2	309.3	6.5	5.1	-4.1	330.2	333.9	1.1	36.6	2.2	86.
23.3	74.1	7566.5	400.0	-19.1	-70.5	321.3	6.6	4.1	-5.2	331.5	334.1	0.7	32.2	2.6	96.
24.8	78.0	8074.3	375.0	-21.1	-34.0	337.2	4.3	2.3	-3.6	333.6	335.7	0.6	30.0	3.9	102.
26.4	81.9	8598.4	350.0	-23.9	-35.6	324.4	6.8	4.2	-5.4	336.5	338.4	0.5	32.8	3.3	109.
29.9	90.5	9544.0	300.0	-32.6	-43.2	337.6	2.6	1.0	-2.4	339.5	340.6	0.4	33.9	4.1	115.
31.8	95.0	10293.8	275.0	-37.7	-47.9	75.4	2.3	-2.2	-0.5	340.5	341.3	0.2	32.9	4.3	119.
33.8	99.7	10944.4	250.0	-42.2	59.5	71.7	2.4	-2.3	-0.9	343.3	343.9	99.9	959.9	4.1	121.
35.9	105.0	11637.7	225.0	-46.1	99.9	55.2	4.1	-3.4	-2.2	346.8	346.8	99.9	959.9	4.0	126.
38.2	110.3	12417.3	200.0	-52.4	99.9	54.4	2.3	-2.3	-0.2	346.5	346.5	99.9	959.9	3.8	132.
41.0	115.0	13255.6	175.0	-60.6	99.9	90.7	6.3	-6.3	0.1	349.2	349.2	99.9	959.9	3.2	144.
43.7	123.8	14203.7	150.0	-66.0	99.9	54.6	2.9	-2.4	-1.7	356.5	356.5	95.9	555.9	3.1	153.
47.3	139.8	15284.1	125.0	-69.9	99.5	31.9	3.2	-1.9	-2.7	368.5	368.5	99.9	959.9	3.0	169.
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	75.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	55.9	955.9	955.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

10 JULY 1977  
1500 GMT

121 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	877.0	917.7	29.4	15.5	200.0	2.1	0.7	2.0	310.1	344.1	12.2	43.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	15.7	1045.4	900.0	26.5*	24.1	999.9	99.9	99.9	99.9	308.8	999.9	99.9	99.9	99.9	99.9
1.6	19.2	1257.3	875.0	24.1	13.1	999.9	99.9	99.9	99.9	308.8	339.5	11.0	50.7	999.9	99.9
2.6	20.6	1547.3	850.0	23.9	9.5	195.4	7.7	2.0	7.4	311.2	336.3	8.8	40.2	1.0	20.
3.5	23.1	1407.4	835.0	23.1	5.6	193.8	6.2	1.5	6.1	311.5	327.5	9.2	46.2	1.8	18.
4.5	25.6	2071.6	800.0	19.6	9.1	189.6	4.8	0.7	4.8	312.1	338.1	9.1	50.6	1.8	17.
5.5	28.1	2346.1	775.0	17.2	7.5	182.0	3.9	0.1	3.7	312.3	336.4	8.4	52.9	2.0	15.
6.6	30.7	2635.4	750.0	14.8	7.2	204.4	2.5	1.1	2.3	312.7	337.4	8.6	60.9	2.2	15.
7.6	33.3	2811.3	725.0	12.0	5.9	203.4	1.5	0.6	1.3	312.6	335.9	8.1	66.2	2.3	16.
9.7	36.0	3204.4	700.0	10.1	2.2	193.5	2.0	0.5	2.0	313.7	332.5	6.5	58.1	2.4	16.
9.7	34.7	3506.3	675.0	9.1	-1.6	205.1	2.5	1.1	2.3	314.8	329.8	5.1	50.1	2.6	16.
10.9	41.4	3917.0	650.0	5.9	-1.8	201.1	1.1	0.4	1.1	315.6	331.1	5.2	57.9	2.7	17.
12.1	44.3	4137.4	625.0	4.2	-4.1	89.9	2.1	-2.0	-0.3	317.2	330.9	4.5	54.9	2.7	16.
13.4	47.2	4449.4	600.0	2.3	-4.7	75.7	4.7	-6.6	-1.2	318.8	332.5	4.5	60.0	2.6	11.
14.5	50.1	4811.4	575.0	0.1	-7.2	75.8	5.1	-5.0	-1.3	320.2	332.2	3.9	57.9	2.5	3.
15.0	53.7	5146.6	550.0	-2.3	-10.1	67.6	4.4	-6.1	-1.7	321.3	331.4	3.2	54.9	2.4	34.
17.3	56.4	5474.4	525.0	-5.0	-14.2	59.3	4.0	-3.5	-2.0	322.4	330.2	2.4	48.4	2.2	35.
18.8	59.5	5916.7	500.0	-6.9	-21.2	52.5	3.2	-2.2	-0.4	322.8	325.5	1.4	30.6	2.3	33.
20.3	62.9	6315.1	475.0	-9.0	-32.1	43.4	6.1	-5.6	-5.9	326.8	326.8	0.5	13.4	2.3	32.
21.8	65.1	6732.7	450.0	-10.4	-32.0	44.7	8.4	-5.9	-6.0	330.2	332.2	0.6	15.0	2.2	30.
23.3	68.6	7175.0	425.0	-12.0	-32.0	31.4	7.5	-3.9	-5.4	331.5	333.7	0.6	19.5	2.4	28.
25.2	73.3	7439.0	400.0	-15.0	-34.1	41.9	7.6	-5.1	-5.7	334.2	336.1	0.5	15.3	2.7	27.
27.1	77.0	8112.1	375.0	-19.4	-39.2	31.4	11.5	-5.0	-9.8	335.9	337.1	0.3	15.3	3.4	25.
29.2	80.9	8620.7	350.0	-24.0	-42.3	23.1	12.0	-5.7	-10.6	336.4	337.4	0.3	16.6	4.6	24.
31.3	84.9	9154.4	325.0	-28.8	-44.2	33.7	9.7	-5.1	-7.7	337.0	337.8	0.2	15.6	5.9	23.
33.6	89.0	9724.2	300.0	-32.6	-46.9	29.2	5.4	-2.5	-4.7	339.4	340.1	0.2	22.2	6.7	23.
35.8	93.4	10332.0	275.0	-36.8	-51.8	23.7	5.9	-2.4	-5.4	342.0	342.4	0.1	15.1	7.4	23.
39.2	98.0	10985.2	250.0	-41.3	-59.9	20.0	5.0	-1.7	-4.7	344.7	999.9	99.9	99.9	8.2	22.
40.9	103.0	11692.5	225.0	-46.8	-66.9	21.9	3.9	-1.5	-3.6	346.8	999.9	99.9	99.9	8.8	22.
43.6	108.3	12443.2	200.0	-52.8	-69.9	72.8	3.5	-3.3	-1.0	349.2	999.9	99.9	99.9	9.3	22.
46.8	114.0	13111.9	175.0	-59.1	-65.9	31.4	4.6	-2.4	-3.9	352.3	999.9	99.9	99.9	10.0	24.
50.5	120.3	14242.6	150.0	-65.9	-65.9	53.9	7.8	-5.3	-4.6	356.5	999.9	99.9	99.9	11.8	24.
54.7	127.0	15451.9	125.0	-72.8	-69.9	42.3	6.1	-8.1	-1.1	363.2	999.9	99.9	99.9	13.4	23.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	95.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

10 JULY 1977  
1500 GMT

• 127 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT*	HEIGHT GPM	PRPS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	771.0	929.5	23.1	12.2	150.0	4.5	-1.5	4.3	307.5	346.9	14.3	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	13.2	815.0	925.0	27.4*	99.9	999.9	99.9	99.9	99.9	307.3	999.9	99.9	999.9	999.9	999.
1.0	15.5	1056.5	900.0	24.5	16.5	999.9	99.9	99.9	99.9	306.7	343.0	13.3	61.0	999.9	999.
2.0	17.8	1304.2	875.0	25.3	14.5	229.6	9.4	7.2	6.1	310.0	343.5	12.0	51.5	1.0	37.
3.2	20.3	1552.4	850.0	23.5	13.4	230.8	7.7	6.0	4.9	310.7	342.9	11.5	53.3	1.6	43.
4.4	22.6	1814.7	825.0	20.7	12.0	227.9	5.5	4.9	4.4	310.5	340.7	10.8	57.2	2.1	44.
5.6	23.2	2084.2	800.0	18.5	11.1	213.7	5.0	2.3	4.2	310.9	340.4	10.5	62.1	2.5	44.
6.7	27.6	2354.1	775.0	16.2	9.7	227.8	4.5	3.3	3.0	311.3	339.1	9.8	65.3	2.9	43.
7.8	30.2	2644.3	750.0	13.5	7.9	246.8	3.7	3.4	1.5	311.2	338.7	9.0	68.8	3.1	45.
9.0	33.0	2919.2	725.0	11.5	1.2	227.6	2.4	1.8	1.6	312.1	329.7	6.0	51.3	3.3	46.
10.2	35.6	3213.1	700.0	10.9	2.2	235.1	3.0	1.3	2.7	314.6	333.4	6.4	54.9	3.5	45.
11.5	38.3	3515.7	675.0	9.1	-2.3	201.5	1.9	0.7	1.8	315.8	330.2	4.8	45.0	3.7	44.
12.8	41.0	3827.2	650.0	7.2	-9.0	216.9	1.0	0.5	0.8	317.1	326.3	3.0	30.5	3.8	44.
14.0	43.7	4149.0	625.0	5.2	-9.4	137.2	0.4	-0.3	0.3	318.4	327.7	3.0	33.9	3.8	43.
15.4	46.8	4480.5	600.0	3.0	-10.8	45.8	1.5	-1.1	-1.0	319.6	328.4	2.8	35.4	3.8	43.
15.9	49.8	4824.3	575.0	0.7	-12.7	50.3	3.6	-2.8	-2.3	320.8	328.9	2.5	36.1	3.6	42.
18.3	52.8	5179.6	550.0	-2.2	-18.2	47.1	5.1	-4.5	-4.2	321.5	326.9	1.6	27.9	3.1	42.
19.6	55.9	5546.9	525.0	-5.1	-23.7	56.9	5.7	-4.3	-3.1	322.3	325.9	1.1	21.5	2.6	39.
21.3	59.3	5928.1	500.0	-8.4	-16.8	39.1	3.2	-2.0	-2.5	322.8	329.4	2.0	50.4	2.2	37.
22.9	62.7	6324.8	475.0	-9.7	-34.2	45.9	5.5	-4.0	-3.9	325.9	327.6	0.5	12.1	1.8	36.
24.5	66.0	6740.5	450.0	-11.9	-19.6	14.6	9.3	-2.6	-7.5	328.3	334.3	1.8	52.5	1.2	37.
26.4	69.5	7176.5	425.0	-14.3	-36.4	11.7	11.0	-2.2	-10.3	330.6	332.0	0.4	13.3	0.6	102.
29.4	73.5	7633.9	400.0	-15.5	-42.9	21.6	14.3	-5.2	-13.3	333.6	334.4	0.2	8.1	1.6	178.
30.4	77.5	8115.5	375.0	-20.4	-44.8	17.3	14.6	-4.5	-13.9	334.7	335.4	0.2	9.0	3.3	191.
32.5	81.5	8622.2	350.0	-24.5	-45.8	5.3	14.9	-1.4	-14.9	335.7	336.3	0.2	10.6	5.2	190.
34.6	85.7	9157.5	325.0	-28.5	-49.4	10.7	10.2	-1.9	-10.1	337.4	337.9	0.1	11.3	6.8	190.
35.9	90.2	9726.0	300.0	-32.8	-52.6	357.6	8.2	0.4	-5.2	339.1	339.5	0.1	11.7	8.0	189.
39.5	95.0	10373.1	275.0	-37.1	-55.7	348.8	4.3	0.8	-4.2	341.5	341.8	0.1	12.2	9.1	187.
42.2	99.9	10995.2	250.0	-41.5	99.9	281.1	1.8	1.8	-0.4	344.3	999.9	99.9	999.9	9.4	186.
45.0	105.0	11692.3	225.0	-46.8	99.9	255.5	1.0	1.0	0.0	346.7	999.9	99.9	999.9	9.3	184.
47.9	110.6	12462.7	200.0	-52.7	99.9	222.6	3.1	1.9	-2.4	349.3	999.9	99.9	999.9	9.5	183.
51.4	115.8	13212.6	175.0	-53.2	99.9	342.7	3.5	1.1	-3.4	352.3	999.9	99.9	999.9	10.2	181.
55.3	123.5	14242.7	150.0	-66.1	99.9	99.4	5.7	-5.6	0.9	356.3	999.9	99.9	999.9	10.6	185.
59.4	130.5	15251.7	125.0	-72.1	99.9	99.9	2.9	-2.5	-1.5	364.4	999.9	99.9	999.9	10.7	189.
64.6	137.8	16270.2	100.0	-68.2	99.9	999.9	99.9	99.9	99.9	366.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

10 JULY 1977  
1452 CMT

131 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.4	595.0	949.5	27.9	17.7	180.0	5.1	0.0	5.1	305.6	342.6	13.6	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
0.7	13.9	816.3	925.0	25.2	16.8	214.6	6.2	3.5	4.3	305.1	340.9	13.2	59.6	0.3	36.
1.7	16.2	1056.7	900.0	23.3	15.5	222.9	5.9	4.0	4.3	305.6	339.5	12.4	61.3	0.6	36.
2.5	13.9	1332.7	975.0	23.2	12.0	236.0	8.6	7.1	4.8	307.9	336.3	10.2	45.5	1.0	40.
3.4	21.3	1595.5	850.0	21.9	10.5	221.8	7.0	4.7	5.2	309.1	335.7	9.5	48.4	1.4	46.
4.4	24.0	1914.5	825.0	20.9	10.5	202.2	9.8	3.3	8.2	310.6	332.0	5.7	51.7	1.9	42.
5.4	26.6	2379.9	800.0	18.2	9.9	190.3	5.6	1.0	5.5	310.6	337.8	5.6	58.1	2.2	37.
6.7	29.3	2351.3	775.0	15.7	9.4	193.9	4.2	1.0	4.1	310.7	337.9	9.6	65.9	2.6	35.
7.9	32.0	2629.3	750.0	13.9	8.1	207.1	2.0	0.9	1.8	311.7	337.7	9.1	68.1	2.8	32.
9.0	34.8	2914.7	725.0	11.3	7.0	157.4	0.7	-0.3	0.7	311.8	336.7	8.7	75.0	2.8	32.
10.3	37.5	3207.4	700.0	9.3	4.1	162.2	2.0	-0.6	1.9	312.8	334.1	7.4	70.1	2.9	30.
11.7	40.4	3508.7	675.0	7.5	1.4	129.9	1.5	-1.1	0.9	314.1	332.5	6.3	65.0	3.0	27.
13.0	43.3	3818.9	650.0	5.6	0.0	47.4	0.3	-0.2	-0.2	315.3	332.8	5.9	67.2	3.0	26.
14.4	46.4	4128.9	625.0	3.3	-1.4	278.2	1.3	1.3	-0.2	316.3	332.7	5.5	71.0	3.0	27.
15.7	49.3	4459.1	600.0	1.1	-2.7	342.2	1.6	0.5	-1.5	317.4	333.5	5.4	77.9	3.0	25.
17.2	52.3	4810.7	575.0	-1.1	-3.4	21.9	3.5	-1.3	-3.2	318.7	334.3	5.2	84.0	2.8	30.
18.9	55.4	5154.9	550.0	-2.8	-8.6	12.9	5.2	-1.2	-5.1	320.7	332.1	3.7	64.6	2.3	36.
20.6	58.6	5532.4	525.0	-5.1	-12.2	28.4	3.8	-1.8	-3.3	322.3	331.3	2.8	57.1	1.9	37.
22.4	62.0	5913.8	500.0	-7.3	-18.1	50.3	3.7	-2.9	-2.4	324.2	330.2	1.8	41.5	1.5	37.
24.3	65.4	6311.4	475.0	-10.6	-25.2	72.7	2.9	-2.7	-0.9	324.8	327.3	0.7	20.0	1.2	29.
26.0	69.9	6724.7	450.0	-12.6	-37.3	63.5	5.4	-2.8	-2.4	327.0	328.2	0.3	10.9	0.9	12.
28.0	72.3	7159.3	425.0	-14.2	-45.5	59.3	5.2	-4.5	-2.7	330.7	331.3	0.1	5.0	0.7	27.
29.8	75.2	7617.7	400.0	-16.3	-59.5	34.0	6.3	-3.8	-5.7	333.9	334.0	0.0	1.1	0.9	25.
31.8	80.1	8100.0	375.0	-20.0	-49.5	6.7	10.5	-1.2	-10.4	325.2	325.6	0.1	5.2	1.4	23.
34.0	84.0	8507.2	350.0	-24.3	-47.5	12.6	7.2	-1.6	-7.1	335.0	336.5	0.1	5.4	2.5	21.
36.2	88.0	9147.3	325.0	-28.2	-53.6	3.1	5.2	-0.3	-5.2	337.9	338.2	0.1	6.6	3.2	20.
39.7	92.5	9717.3	300.0	-32.0	-50.8	277.4	2.1	0.8	-1.9	340.2	340.7	0.1	13.8	3.7	20.
41.0	97.0	10321.7	275.0	-36.7	-54.1	277.3	2.4	2.4	-0.3	343.0	342.4	0.1	14.5	3.8	20.
43.7	101.6	10674.4	250.0	-42.0	99.9	354.4	2.4	0.2	-2.4	343.6	999.9	99.9	995.9	3.9	19.
46.6	107.0	11580.0	225.0	-47.0	99.9	105.1	2.6	-2.5	0.7	345.5	999.9	99.9	999.9	4.2	19.
49.5	112.3	12448.8	200.0	-53.2	99.9	112.2	4.2	-3.9	1.6	348.5	999.9	99.9	999.9	4.1	20.
52.8	118.3	13254.7	175.0	-60.4	99.9	110.3	2.9	-2.7	1.0	350.3	999.9	99.9	995.9	4.1	21.
56.5	125.0	14288.5	150.0	-67.1	99.9	56.2	7.4	-4.1	-4.1	354.5	999.9	99.9	999.9	4.9	21.
63.4	135.0	15326.9	125.0	-70.7	99.9	72.2	9.5	-9.0	-2.9	356.9	999.9	99.9	999.9	6.6	25.
65.3	139.5	16533.9	100.0	-67.7	99.9	99.9	99.9	99.9	99.9	397.0	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRINGS, TEXAS

10 JULY 1977  
1500 GJT

126 99. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WGCLE MINUTE VALUES

TIME MIN	CNTCT	HFTGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED W/SEC	U COMP W/SEC	V COMP W/SEC	POT Y DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
7.0	13.3	761.0	927.2	27.2	17.7	210.0	5.2	2.5	4.5	344.9	344.9	13.9	52.0	0.0	0.
99.9	99.9	99.9	1003.0	59.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	559.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.0	13.5	902.1	925.0	27.1	17.0	999.9	99.9	99.9	99.9	307.0	343.6	13.3	54.1	999.9	999.
0.9	15.3	1048.2	500.0	25.1	14.6	999.9	99.9	99.9	99.9	359.7	359.7	11.7	52.2	999.9	999.
1.7	19.2	1291.7	875.0	25.0	11.0	229.9	7.7	5.4	5.4	359.7	336.5	5.5	41.5	0.8	40.
2.5	20.6	1544.2	850.0	24.1	11.1	217.8	7.3	4.5	5.8	311.4	339.3	9.9	44.2	1.2	40.
3.4	23.0	1802.5	825.0	22.9	11.4	215.7	6.0	3.5	4.8	311.9	341.1	10.4	51.1	1.5	39.
4.3	25.5	2073.3	800.0	15.8	10.9	209.9	3.1	1.4	2.8	312.2	341.3	10.2	56.0	1.8	36.
5.3	28.0	2345.9	775.0	17.1	9.7	190.9	2.5	0.5	2.5	312.2	340.1	9.8	62.0	1.9	37.
6.3	30.7	2625.1	750.0	14.5	7.5	193.7	4.1	1.3	3.9	312.4	337.4	8.7	62.4	2.1	35.
7.3	33.3	2911.6	725.0	13.0	5.9	198.5	2.9	0.4	2.9	313.7	336.9	8.0	61.8	2.3	33.
8.4	35.9	3205.7	700.0	10.7	2.9	205.1	3.0	1.3	2.7	314.4	334.1	6.8	58.3	2.4	31.
9.3	38.7	3502.4	675.0	8.5	2.8	228.6	2.6	1.8	1.9	315.2	335.7	7.0	67.4	2.6	32.
10.4	41.3	3819.7	650.0	6.5	-2.2	242.6	1.2	1.1	0.6	316.3	331.4	5.0	53.5	2.8	33.
11.5	44.3	4140.6	625.0	4.3	-3.0	317.3	0.5	0.3	-0.4	317.4	332.2	4.9	55.0	2.8	34.
12.9	47.3	4472.0	600.0	2.7	-9.4	68.5	1.4	-1.3	-3.5	319.3	325.0	3.1	40.4	2.9	34.
14.9	50.3	4815.1	575.0	0.4	-12.9	47.6	5.7	-4.2	-3.8	320.5	321.4	2.5	36.1	2.8	32.
15.1	53.3	5170.5	550.0	-2.1	-9.2	50.6	3.1	-2.4	-2.0	321.7	332.5	3.5	58.1	2.2	29.
16.2	56.3	5579.5	525.0	-5.1	-11.1	50.5	3.1	-2.4	-2.0	322.3	332.2	3.1	62.8	2.0	27.
17.6	59.7	5920.4	500.0	-7.7	-19.2	54.4	4.2	-3.4	-2.4	324.1	325.7	1.7	38.1	1.8	23.
18.8	62.1	6319.1	475.0	-3.6	-34.7	39.6	7.3	-4.7	-5.6	327.3	328.8	0.4	10.0	1.4	15.
20.2	55.4	6774.7	450.0	-9.7	-30.5	41.4	10.1	-6.7	-7.6	331.0	333.4	0.7	16.6	0.8	357.
21.7	70.1	7174.3	425.0	-12.7	-30.3	31.1	9.0	-4.7	-7.7	332.7	335.2	0.7	32.2	0.6	275.
23.3	73.7	7626.4	400.0	-15.4	-37.9	25.1	10.6	-4.5	-9.5	335.1	336.4	0.4	12.4	1.3	236.
24.8	77.7	8129.2	375.0	-19.1	-33.5	25.2	11.2	-5.1	-9.9	336.3	337.1	0.2	5.0	2.2	223.
26.4	81.7	8629.4	350.0	-23.4	-25.6	17.7	14.8	-3.4	-14.4	337.2	337.9	0.2	10.9	3.4	214.
28.0	85.7	9147.0	325.0	-27.9	-47.6	21.1	9.7	-3.5	-9.0	339.4	339.0	0.2	13.0	4.7	209.
29.8	90.2	9745.9	300.0	-31.9	-42.5	19.4	5.4	-1.7	-5.2	340.4	341.0	0.2	17.4	5.3	208.
31.7	95.0	10345.1	275.0	-36.1	-53.5	24.8	5.5	-2.5	-4.0	343.0	343.3	0.1	14.4	5.9	208.
33.6	99.8	11002.7	250.0	-40.2	99.9	359.5	3.9	0.1	-3.9	346.3	348.6	99.9	955.9	6.5	207.
35.7	105.0	11713.0	225.0	-45.6	99.9	99.9	2.0	-2.0	0.3	348.6	349.9	99.9	999.9	6.8	206.
37.6	110.4	12427.4	200.0	-51.6	99.9	111.9	3.5	-3.2	1.3	351.1	351.1	99.9	999.9	6.7	209.
39.9	115.5	13141.7	175.0	-59.0	99.9	42.5	3.5	-2.3	-2.6	354.2	354.2	99.9	999.9	7.1	212.
42.7	123.3	14299.5	150.0	-64.1	99.9	45.7	13.9	-3.0	-5.7	359.7	359.7	99.9	999.9	8.5	212.
45.7	130.3	15400.0	125.0	-69.4	99.9	35.4	8.5	-3.2	2.4	359.9	359.9	99.9	999.9	5.0	219.
48.1	137.8	16737.9	100.0	-65.8	99.9	99.9	99.9	99.9	99.9	400.6	399.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

10 JULY 1977  
1800 GMT

122 89. 0

TIME MIN	CNTCT	HEIGHT GM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	873.0	917.0	24.4	14.8	180.0	7.4	0.0	7.4	315.3	348.6	11.7	31.0	0.0	0.
99.9	99.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	15.5	1041.1	900.0	20.0	8.5	999.9	99.9	99.9	99.9	312.4	335.4	8.0	26.9	999.9	999.9
1.2	17.8	1291.5	875.0	27.7	8.5	999.9	99.9	99.9	99.9	312.6	335.6	8.0	25.8	999.9	999.9
1.9	20.2	1547.0	850.0	25.1	8.1	176.7	7.2	-0.4	7.2	312.5	335.5	8.0	33.9	0.7	359.
2.5	22.5	1909.1	825.0	22.7	8.1	172.0	7.3	-1.0	7.2	312.6	336.4	8.3	39.2	1.0	358.
3.1	24.9	2075.0	800.0	20.2	7.7	160.3	6.0	-2.0	5.6	312.7	336.5	8.3	44.3	1.2	356.
3.6	27.3	2347.9	775.0	17.4	7.1	161.2	4.9	-1.4	4.2	312.5	336.0	8.2	50.7	1.4	353.
4.6	29.8	2677.0	750.0	14.6	6.1	173.4	4.9	-0.6	4.9	312.4	335.1	7.9	56.5	1.6	353.
5.7	32.7	2913.0	725.0	12.2	5.1	177.6	4.1	-0.2	4.1	312.9	334.9	7.7	61.8	1.9	353.
6.7	34.9	3205.1	700.0	10.1	-1.0	193.7	2.5	0.4	2.4	313.6	328.7	5.1	45.9	2.1	355.
7.6	37.4	3508.1	675.0	8.5	-4.4	215.9	0.3	0.6	0.6	315.2	327.5	4.1	35.7	2.2	356.
8.6	40.1	3819.9	650.0	6.3	-3.6	16.6	0.4	-0.1	-0.4	316.1	329.7	4.5	49.2	2.2	356.
9.8	42.8	4179.9	625.0	4.3	-2.6	19.8	1.7	-0.5	-1.6	317.3	330.5	4.4	52.3	2.1	355.
11.2	45.6	4471.3	600.0	2.6	-10.1	67.8	2.8	-2.6	-1.1	319.1	328.5	3.0	35.3	2.0	352.
12.4	48.3	4814.3	575.0	0.3	-8.7	77.8	3.3	-3.2	-0.7	320.3	331.1	3.5	51.1	2.0	344.
13.5	51.2	5146.5	550.0	-1.9	-9.9	91.5	2.5	-2.5	0.1	321.9	332.2	3.3	54.1	2.0	339.
14.7	54.1	5577.7	525.0	-5.1	-11.1	102.9	2.4	-2.3	0.5	322.3	332.1	3.1	62.9	2.1	336.
16.0	57.1	5919.9	500.0	-8.9	-22.0	60.3	3.3	-2.9	-1.6	324.6	329.0	1.3	28.7	2.2	310.
17.4	60.3	6313.1	475.0	-13.2	-35.6	52.7	7.1	-5.7	-4.3	326.6	327.9	0.4	9.5	2.1	320.
19.9	63.5	6775.3	450.0	-10.9	-26.6	52.0	9.3	-7.4	-3.8	329.6	332.8	0.9	25.2	2.4	300.
20.5	66.4	7172.5	425.0	-13.3	-35.2	42.7	9.7	-6.6	-2.1	331.9	332.4	0.4	12.6	2.7	282.
22.1	70.1	7671.3	400.0	-15.9	-43.7	48.0	12.5	-9.3	-8.3	334.3	335.0	0.2	7.0	3.4	268.
23.8	73.7	8114.2	375.0	-18.7	-48.9	40.6	12.6	-9.2	-9.5	335.5	336.3	0.2	8.4	4.5	257.
25.4	77.3	8432.4	350.0	-23.8	-46.6	33.1	11.8	-6.4	-9.9	336.6	337.3	0.2	10.2	5.5	248.
27.2	81.2	8159.7	325.0	-23.3	-48.4	32.8	7.3	-3.9	-5.1	337.6	338.2	0.1	12.4	6.4	243.
29.2	85.2	8727.9	300.0	-32.5	-51.4	27.2	8.3	-3.3	-7.4	339.6	340.0	0.1	13.1	7.1	239.
31.2	89.3	10375.5	275.0	-36.3	-55.2	20.0	7.8	-2.7	-7.4	342.0	342.3	0.1	12.7	8.0	235.
33.2	93.8	10947.8	250.0	-41.6	99.9	17.5	3.8	-1.1	-3.6	344.2	349.9	99.9	995.9	8.5	232.
35.4	98.6	11694.9	225.0	-46.4	99.9	27.1	4.0	-1.9	-3.5	347.4	349.9	99.9	995.9	8.9	230.
37.8	103.9	12466.6	200.0	-52.5	99.9	63.5	1.6	-1.6	-0.8	349.7	349.9	99.9	999.9	9.3	230.
40.3	109.3	13145.4	175.0	-59.6	99.9	65.1	4.3	-3.9	-1.9	351.6	349.9	99.9	999.9	9.7	231.
43.3	115.5	14251.6	150.0	-66.7	99.9	60.5	8.9	-7.9	-4.4	355.1	349.9	99.9	995.9	10.8	232.
46.7	122.3	15754.5	125.0	-69.9	99.9	68.8	7.8	-7.7	1.2	368.4	349.9	99.9	999.9	12.0	235.
50.8	130.3	16684.1	100.0	-63.3	99.9	109.7	1.7	-1.6	0.6	395.3	349.9	99.9	995.9	12.4	238.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 # BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

10 JULY 1977  
1500 G.T

124 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PPFS MB	TEMP DG C	DEM PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT DG K	POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.5	771.0	528.9	33.3	16.2	203.0	7.4	2.5	7.0	313.0	348.5	313.0	12.6	36.0	0.0	0.
99.9	00.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	00.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	01.1	99.9	925.0	31.2	15.6	99.9	99.9	99.9	99.9	311.2	345.3	311.2	12.2	39.2	999.9	999.9
1.2	14.9	1053.7	900.0	28.4	14.8	999.9	99.9	99.9	99.9	210.8	344.0	210.8	11.9	43.6	999.9	999.9
1.9	16.8	1303.7	875.0	26.4	13.8	199.4	9.4	3.1	8.9	311.2	343.4	311.2	11.5	46.0	0.9	16.
2.6	18.9	1558.5	850.0	24.2	13.0	203.5	7.2	2.9	6.6	311.5	343.1	311.5	11.2	49.6	1.2	18.
3.6	20.9	1919.0	825.0	21.9	12.7	213.2	6.2	3.4	5.2	311.7	343.5	311.7	11.3	56.3	1.6	20.
4.9	23.1	2084.9	800.0	18.7	10.4	223.1	4.7	3.2	3.5	311.1	339.3	311.1	10.0	58.7	2.0	24.
5.9	25.3	2357.2	775.0	16.7	7.5	201.6	4.4	1.6	4.1	311.2	338.9	311.2	8.5	58.6	2.3	26.
5.9	27.5	2636.2	750.0	15.0	5.7	191.9	2.4	0.1	4.4	312.9	335.2	312.9	7.7	53.7	2.5	24.
7.8	29.0	2922.1	725.0	13.8	2.7	195.2	4.8	1.5	4.5	312.5	332.3	312.5	6.4	50.0	2.8	22.
8.7	32.3	3215.9	700.0	13.2	0.6	219.2	3.7	2.3	2.9	311.3	330.7	311.3	5.7	51.3	3.1	23.
9.7	34.8	3517.7	675.0	9.3	-1.5	238.8	1.4	1.2	0.7	315.0	330.1	315.0	5.1	49.9	3.2	24.
10.9	37.2	3822.7	650.0	6.0	-4.3	327.5	1.2	0.6	-1.0	316.8	328.9	316.8	4.4	48.4	3.2	25.
12.1	39.9	4148.5	625.0	3.8	-11.3	5.3	3.8	-0.4	-3.9	324.9	324.9	324.9	2.6	32.2	3.0	27.
13.4	42.4	4479.5	600.0	2.3	-13.7	27.3	6.9	-4.2	-5.5	318.8	324.1	318.8	2.3	30.3	2.7	29.
14.7	45.3	4822.2	575.0	0.2	-15.6	37.3	6.9	-4.2	-5.5	320.2	324.4	320.2	1.9	28.8	2.1	27.
15.0	48.2	5175.6	550.0	-2.6	-16.4	35.0	5.0	-3.0	-4.1	321.0	327.5	321.0	2.0	25.1	1.6	24.
17.3	51.0	5543.9	525.0	-7.5	-19.5	15.2	3.8	-1.0	-3.7	321.9	326.9	321.9	1.5	32.0	1.3	22.
18.6	54.1	5924.7	500.0	-9.2	-20.0	14.9	3.1	-0.8	-3.0	323.0	326.4	323.0	1.0	24.5	1.1	26.
19.9	57.3	6321.7	475.0	-10.2	-22.2	27.3	3.9	-1.8	-3.4	325.4	327.3	325.4	0.5	14.5	0.9	25.
21.5	60.7	6725.4	450.0	-12.4	-29.5	36.8	2.5	-1.5	-2.1	327.6	330.6	327.6	0.8	25.7	0.4	26.
24.4	67.8	7171.8	425.0	-13.9	-35.7	61.7	7.4	-6.5	-3.5	321.2	332.6	321.2	0.4	13.9	0.4	8.
26.0	71.5	7630.0	400.0	-16.9	-38.6	38.3	16.4	-10.2	-12.9	333.0	334.3	333.0	0.3	13.1	1.2	23.4
27.7	75.7	8116.2	375.0	-20.8	-41.5	47.7	19.7	-12.9	-13.5	331.1	335.0	331.1	0.2	13.5	2.9	22.8
29.7	80.0	8616.2	350.0	-25.2	-44.6	75.5	11.9	-7.1	-9.6	334.3	335.5	334.3	0.2	14.4	4.4	22.6
31.4	84.2	9150.8	325.0	-24.7	-47.2	10.2	5.7	-1.5	-8.6	337.2	337.8	337.2	0.2	14.7	5.5	22.2
33.6	89.2	9719.7	300.0	-32.2	-50.1	34.4	7.6	2.2	-7.3	339.2	339.7	339.2	0.1	15.7	6.2	21.6
35.6	94.5	10375.3	250.0	-42.7	-54.1	32.1	6.7	2.6	-5.6	342.2	342.5	342.2	0.1	16.4	6.7	20.9
37.8	100.0	11678.1	225.0	-48.0	99.9	298.2	2.4	2.1	-1.6	342.6	342.6	342.6	99.9	955.9	6.9	20.4
40.6	106.0	12445.7	200.0	-53.5	90.9	375.5	5.6	4.6	-0.8	344.9	344.9	344.9	99.9	999.9	7.0	20.1
43.6	112.3	13292.9	175.0	-59.5	95.5	343.0	2.5	0.8	-3.3	349.1	349.1	349.1	99.9	999.9	7.0	19.6
47.1	119.5	14739.9	150.0	-67.4	99.9	43.7	1.4	0.4	-2.4	351.7	349.9	351.7	99.9	999.9	7.4	19.2
50.4	127.3	15325.6	125.0	-71.2	99.9	120.1	4.8	-4.2	-0.2	354.0	345.1	354.0	99.9	999.9	7.6	19.2
92.9	92.9	92.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

10 JULY 1977  
1748 GMT

131 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	585.0	549.9	33.9	18.7	180.0	4.1	0.0	4.1	310.7	350.8	14.5	43.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	98.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.7	13.9	814.8	925.0	31.0	14.8	209.4	5.3	2.6	4.6	311.0	343.5	11.6	37.5	0.3	30.
1.8	16.1	1059.7	900.0	29.0	15.5	201.6	5.7	2.1	5.3	310.4	345.1	12.5	46.7	0.7	27.
3.1	19.6	1709.3	875.0	25.8	14.9	194.8	5.3	1.4	5.1	310.6	344.9	12.3	50.8	1.1	23.
4.2	20.9	1553.8	850.0	23.6	13.9	197.1	5.5	1.6	5.2	310.8	344.1	11.9	54.8	1.4	22.
5.1	23.5	1923.8	825.0	21.0	11.8	158.2	4.9	1.5	4.6	310.8	340.8	10.7	55.8	1.7	21.
6.2	25.9	2089.6	800.0	19.1	9.5	186.9	4.5	0.5	4.5	311.5	338.1	9.4	53.6	2.0	19.
7.2	28.5	2742.1	775.0	16.9	8.6	184.0	3.6	0.3	3.6	312.0	338.0	9.1	58.2	2.3	18.
9.4	34.0	2641.1	750.0	14.8	6.2	190.4	4.1	0.7	4.0	312.7	338.8	9.1	64.4	2.5	17.
10.5	36.6	2221.7	700.0	10.3	4.5	198.9	2.8	0.9	2.7	313.9	335.9	7.6	67.5	3.0	16.
11.8	39.5	3523.9	675.0	9.4	2.4	206.5	1.9	0.9	2.4	315.0	334.9	6.8	66.2	3.2	17.
13.0	42.2	3825.0	650.0	6.1	0.3	356.9	0.3	0.0	-0.3	315.9	333.7	6.0	66.0	3.2	17.
14.2	45.3	4155.7	625.0	4.1	-0.3	5.0	2.2	-0.2	-2.2	317.1	335.0	6.0	72.8	3.1	18.
15.6	48.4	4447.4	600.0	2.3	-2.2	37.4	3.0	-1.6	-2.4	319.8	335.2	5.4	71.8	2.9	17.
17.0	51.3	4830.8	575.0	1.3	-8.7	41.5	3.4	-2.2	-2.5	321.6	332.4	5.4	47.2	2.7	15.
18.3	54.4	5197.4	550.0	-1.1	-10.2	31.8	2.7	-1.4	-2.3	322.8	332.8	3.2	49.9	2.4	12.
19.8	57.6	5556.8	525.0	-4.0	-13.0	53.2	1.7	-1.4	-1.0	323.6	332.8	2.9	53.8	2.3	11.
21.1	60.9	5939.7	500.0	-7.0	-14.9	67.1	4.3	-4.0	-1.7	324.5	332.2	2.4	53.5	2.2	6.
22.7	64.4	6377.9	475.0	-9.9	-18.3	62.1	5.2	-4.5	-2.4	325.8	332.0	1.9	50.2	1.9	353.
24.3	67.7	6747.2	450.0	-12.4	-32.0	43.9	3.4	-2.3	-2.4	327.7	329.9	0.6	19.2	1.8	343.
26.0	71.3	7199.7	425.0	-12.8	-48.2	29.5	9.0	-1.4	-7.9	332.6	333.1	0.2	4.6	1.5	324.
28.0	75.1	7446.1	400.0	-16.0	-41.9	25.8	12.7	-5.7	-11.4	334.3	335.2	0.2	6.7	1.5	272.
29.8	79.2	8133.0	375.0	-19.2	-50.6	28.1	10.6	-5.1	-9.5	336.2	336.5	0.1	4.2	2.4	242.
31.8	83.2	8641.5	350.0	-23.3	-64.1	29.4	10.3	-5.1	-9.0	337.3	337.8	0.1	6.1	3.5	231.
33.8	87.2	9179.0	325.0	-27.9	-49.1	27.8	7.3	-3.4	-6.4	338.3	338.8	0.1	11.0	4.5	226.
36.0	91.4	9749.4	300.0	-31.8	-57.0	18.5	3.4	-1.1	-3.2	340.5	340.7	0.1	6.2	5.2	222.
38.3	96.2	10359.6	275.0	-36.3	-52.6	229.1	0.7	0.5	0.4	342.6	343.0	0.1	16.6	5.3	222.
40.7	101.0	11012.1	250.0	-41.8	99.9	31.1	1.5	-0.8	-1.3	344.0	999.9	99.9	999.9	5.3	221.
43.3	106.5	11717.6	225.0	-47.3	99.9	151.5	1.6	-0.8	1.4	344.0	999.9	99.9	999.9	5.4	222.
45.0	112.0	12434.5	200.0	-52.7	99.9	160.2	2.3	-0.6	2.2	347.7	999.9	99.9	999.9	5.2	227.
49.0	118.0	13371.5	175.0	-59.9	99.9	57.9	1.7	-1.5	-0.9	351.1	999.9	99.9	999.9	5.3	237.
52.5	125.0	14273.4	150.0	-65.1	99.9	59.9	3.3	-7.1	-4.3	356.3	999.9	99.9	999.9	6.4	226.
55.2	132.0	15370.4	125.0	-70.9	99.9	105.7	6.6	-6.3	1.8	366.5	999.9	99.9	999.9	7.7	233.
61.0	139.3	16456.3	100.0	-68.4	99.9	999.9	99.9	99.9	99.9	395.6	999.9	99.9	999.9	999.9	999.9
94.5	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 550  
BIG SPRING, TEXAS

10 JULY 1977  
1900 GMT

126 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GW/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	781.0	926.5	32.8	16.6	120.0	5.3	-4.6	2.6	312.7	349.2	13.0	38.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	13.2	795.6	925.0	32.4	16.1	999.9	99.9	99.9	99.9	312.4	348.0	12.6	37.8	999.9	999.9
0.6	15.6	1040.6	900.0	29.3	13.8	999.9	99.9	99.9	99.9	310.7	341.4	10.9	40.3	999.9	999.9
1.6	17.9	1289.6	875.0	25.6	12.2	999.9	99.9	99.9	99.9	310.4	339.3	10.3	42.4	999.9	999.9
2.4	20.3	1544.1	850.0	23.5	11.5	151.1	7.5	1.4	7.3	310.8	339.9	10.4	48.1	1.0	21.
3.6	22.8	1903.8	825.0	21.0	11.2	193.9	7.3	1.7	7.1	310.8	339.6	10.2	53.5	1.5	18.
5.0	25.3	2069.4	800.0	18.3	9.7	185.9	6.8	0.7	6.8	310.6	337.5	9.5	57.4	2.1	16.
5.8	27.8	2340.7	775.0	15.2	8.5	182.1	6.1	0.4	6.1	310.8	336.5	9.1	61.9	2.5	14.
6.9	30.4	2613.6	750.0	13.7	6.2	187.4	3.5	0.4	3.5	311.5	334.3	8.0	60.4	2.7	13.
7.9	33.1	2903.6	725.0	11.4	4.5	221.2	3.7	2.4	2.7	312.0	333.2	7.3	62.5	3.0	14.
9.0	35.8	3194.3	700.0	9.4	2.0	245.5	2.1	1.9	0.9	312.9	331.5	6.4	59.9	3.0	17.
10.0	38.6	3487.3	675.0	7.4	-0.5	218.5	2.6	1.6	2.0	313.9	330.1	5.5	57.2	3.2	18.
11.1	41.3	3807.0	650.0	5.4	-3.9	305.6	1.2	1.0	-0.7	315.0	328.3	4.4	51.0	3.3	19.
12.3	44.3	4126.8	625.0	3.2	-6.9	355.6	2.7	0.2	-2.7	316.2	327.3	3.7	47.3	3.1	20.
13.7	47.7	4457.0	600.0	1.9	-12.1	23.5	2.8	-1.1	-2.5	318.3	326.4	2.6	35.0	2.9	21.
14.9	50.3	4799.5	575.0	0.4	-12.8	32.3	3.9	-2.1	-3.3	320.5	328.4	2.5	36.2	2.7	20.
16.3	53.4	5154.4	550.0	-2.3	-14.2	51.4	3.4	-2.7	-2.1	321.3	328.7	2.3	39.5	2.3	18.
17.6	55.4	5521.8	525.0	-5.3	-15.7	55.9	3.8	-3.2	-2.1	322.1	328.5	2.0	40.0	2.2	13.
19.0	59.7	5902.9	500.0	-7.9	-19.9	69.8	7.5	-7.0	-2.6	323.4	328.7	1.6	38.1	1.9	8.
20.4	63.1	6299.6	475.0	-10.1	-22.5	55.2	8.2	-5.9	-4.6	325.4	328.0	0.7	19.7	1.7	340.
21.8	66.6	6714.2	450.0	-11.7	-24.5	41.3	5.4	-3.5	-4.0	328.6	332.6	1.2	33.5	1.5	323.
23.4	70.2	7152.3	425.0	-13.5	-34.5	47.5	7.7	-5.7	-5.2	331.5	333.2	0.5	15.2	1.5	302.
25.1	73.8	7610.2	400.0	-16.3	-36.9	47.5	13.2	-5.8	-8.9	333.1	334.6	0.4	15.6	2.1	272.
26.9	77.8	8091.4	375.0	-20.9	-39.7	44.4	15.3	-10.7	-10.9	334.0	335.2	0.3	16.5	3.5	253.
29.5	81.7	8597.3	350.0	-24.7	-42.7	40.7	11.2	-7.3	-8.5	335.5	336.5	0.2	16.7	4.6	245.
30.4	85.9	9132.3	325.0	-28.7	-44.9	39.8	7.1	-4.5	-5.5	337.2	338.0	0.2	19.0	5.6	240.
32.4	90.4	9700.8	300.0	-32.6	-42.0	34.6	10.4	-5.9	-9.5	339.5	340.1	0.2	19.5	6.4	237.
34.4	95.2	10306.9	275.0	-37.9	-52.3	13.0	5.6	-1.7	-5.3	340.5	340.9	0.1	20.0	7.2	234.
36.6	100.0	10957.0	250.0	-41.5	99.9	5.1	2.4	-0.2	-2.4	344.3	349.9	99.9	99.9	7.7	231.
39.9	105.2	11655.4	225.0	-46.9	99.9	259.9	1.1	1.1	0.2	346.7	99.9	99.9	99.9	7.9	229.
41.3	110.6	12475.4	200.0	-52.9	99.9	70.9	4.4	-4.1	-1.4	349.0	999.9	99.9	999.9	7.7	230.
43.9	116.5	13292.5	175.0	-59.2	99.9	48.2	4.0	-3.0	-2.7	352.2	999.9	99.9	999.9	8.3	232.
46.9	123.3	14232.5	150.0	-65.4	99.9	71.3	4.3	-4.1	-1.4	355.6	999.9	99.9	999.9	9.0	231.
50.1	130.5	15329.1	125.0	-68.5	99.9	126.5	7.9	-5.3	4.7	370.9	999.9	99.9	999.9	9.7	236.
54.3	138.0	16666.9	100.0	-67.5	99.9	999.9	99.9	99.9	99.9	370.1	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

10 JULY 1977  
2100 GMT

126 100. 0

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DG C	CEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	873.0	515.0	36.1	11.0	170.0	7.6	-1.3	7.5	317.2	9.1	22.0	0.0	0.
99.9	99.9	99.9	1000.0	59.9	99.9	59.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	59.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.1	15.8	1022.1	500.0	32.5	99.9	137.9	1.9	-1.3	1.4	315.0	59.9	999.9	0.2	305.
1.1	18.2	1275.1	875.0	30.2	13.9	132.6	4.1	-3.0	2.8	315.2	11.5	32.9	0.2	308.
1.6	20.7	1533.0	850.0	27.2	12.3	149.2	6.6	-3.5	5.6	315.2	10.7	39.6	0.5	311.
2.1	23.2	1766.4	825.0	24.8	11.4	162.8	7.7	-2.3	7.3	315.8	10.3	43.0	0.6	318.
2.6	25.6	2045.4	800.0	22.2	10.2	170.0	9.5	-1.5	8.3	316.9	9.9	46.4	0.8	327.
3.0	28.1	2340.6	775.0	19.7	9.3	173.5	9.4	-0.9	8.3	315.0	9.6	51.0	1.1	332.
3.6	30.7	2622.1	750.0	16.6	7.8	179.2	6.6	-0.1	6.6	315.6	8.9	56.1	1.3	337.
4.5	33.3	2910.2	725.0	14.1	6.2	196.5	4.3	1.2	4.1	315.0	8.3	58.9	1.6	341.
5.5	36.0	3205.7	700.0	11.8	2.8	220.5	2.7	1.7	2.0	315.6	6.7	54.0	1.7	348.
5.6	38.8	3509.6	675.0	10.2	-1.9	187.2	0.4	0.1	0.4	317.0	5.0	42.9	1.9	351.
7.5	41.6	3822.2	650.0	7.6	-3.1	137.0	1.1	-0.7	-0.9	317.5	4.7	46.5	1.8	350.
9.5	44.4	4144.0	625.0	4.7	-5.0	28.1	2.0	-0.9	-1.7	317.8	4.2	45.2	1.7	347.
9.5	47.4	4475.5	600.0	2.4	-6.3	45.1	1.7	-1.2	-1.2	318.9	3.1	41.4	1.6	344.
10.8	50.4	4818.6	575.0	0.6	-6.7	39.9	3.1	-2.0	-2.3	323.7	3.5	45.6	1.5	339.
12.3	53.5	5174.1	550.0	-2.2	-10.1	46.9	3.2	-2.3	-2.2	321.5	3.2	51.3	1.4	326.
13.8	56.6	5542.2	525.0	-5.0	-11.2	22.4	1.8	-0.7	-1.7	322.4	3.1	61.8	1.4	318.
15.2	59.9	5924.0	500.0	-8.9	-15.7	59.2	2.2	-2.1	-0.8	316.7	1.6	35.1	1.4	313.
15.6	63.1	6322.4	475.0	-14.3	-25.5	69.3	4.6	-4.2	-1.7	327.7	330.9	21.3	1.5	306.
19.0	66.6	6773.8	450.0	-11.0	-24.1	46.7	7.8	-5.7	-5.7	328.6	1.2	24.7	1.8	289.
19.5	70.3	7174.5	425.0	-13.3	-34.1	47.4	11.4	-8.4	-7.7	332.0	0.5	15.2	2.3	269.
21.3	74.0	7676.9	400.0	-16.1	-36.4	51.7	14.0	-11.0	-8.7	335.0	0.4	15.5	3.5	254.
23.0	77.9	8119.2	375.0	-20.1	-35.4	49.8	12.8	-9.8	-8.3	335.0	0.3	15.8	4.8	249.
24.5	81.8	8625.9	350.0	-24.1	-42.5	42.2	9.9	-6.7	-7.4	336.3	0.3	16.2	5.8	244.
26.2	86.0	9161.5	325.0	-28.3	-45.4	21.9	5.3	-5.6	-5.6	337.3	0.2	17.5	6.5	241.
29.2	90.4	9730.5	300.0	-32.2	-48.7	22.2	7.0	-2.5	-5.5	338.4	0.2	19.4	7.1	237.
30.2	95.0	10374.7	275.0	-39.1	-52.5	27.8	6.0	-3.0	-5.2	340.5	0.1	20.1	7.8	234.
32.6	99.9	10996.4	250.0	-42.8	-55.9	18.0	4.5	-1.4	-4.3	342.5	99.9	999.9	8.5	231.
35.1	105.2	11699.4	225.0	-48.4	-59.9	359.2	2.8	3.1	-2.8	344.4	99.9	999.9	8.9	229.
37.9	110.8	12455.6	200.0	-53.6	-63.9	40.4	0.8	-0.5	-0.6	347.8	99.9	999.9	9.2	228.
41.0	117.0	13300.7	175.0	-60.6	-69.5	12.9	3.8	-0.8	-3.7	349.8	99.9	999.9	9.5	226.
44.1	123.5	14245.1	150.0	-66.6	-75.9	82.7	5.4	-5.4	-0.7	355.4	99.9	999.9	10.5	227.
47.9	131.0	15374.9	125.0	-70.5	-83.9	94.0	4.0	-4.0	0.3	367.3	99.9	999.9	11.2	229.
52.0	139.0	16666.8	100.0	-68.7	-93.5	599.9	99.9	99.9	99.9	395.0	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	53.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

10 JULY 1977  
2100 GMT

122 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	771.0	927.2	37.8	17.7	190.0	5.7	1.5	9.6	317.8	357.7	14.0	31.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
97.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	12.5	792.7	925.0	36.9	16.6	999.9	99.9	99.9	99.9	317.0	354.5	13.1	30.4	999.9	999.
0.7	14.7	1040.5	900.0	31.8	13.1	999.9	99.9	99.9	99.9	314.3	344.6	10.6	32.1	999.9	999.
1.4	16.7	1293.2	875.0	29.9	12.0	999.9	99.9	99.9	99.9	314.9	344.0	10.2	33.3	999.9	999.
2.4	19.0	1550.5	850.0	26.9	11.5	211.1	7.2	3.7	6.2	314.4	343.3	10.1	38.2	1.2	27.
3.3	21.1	1813.6	825.0	24.9	11.1	227.2	5.3	2.4	4.7	314.2	343.9	10.1	42.2	1.6	28.
4.3	23.5	2092.2	800.0	21.2	9.9	198.2	7.5	2.3	7.1	313.9	341.4	9.6	48.4	1.9	27.
5.4	25.8	2354.6	775.0	19.0	9.2	142.5	6.0	0.3	5.0	314.2	342.6	9.9	55.3	2.3	23.
7.7	28.1	2616.5	750.0	15.0	6.7	123.3	2.8	0.2	2.8	312.8	336.6	8.3	57.8	2.9	18.
9.0	30.7	2923.9	725.0	12.5	5.9	219.2	3.7	2.3	2.9	313.1	336.4	8.1	64.1	3.1	19.
10.1	33.3	3216.3	700.0	9.7	4.3	225.5	2.5	1.5	1.7	313.2	334.8	7.5	69.1	3.4	20.
11.3	35.9	3517.7	675.0	8.2	-0.2	358.9	2.1	0.0	-2.1	314.0	330.8	5.4	53.3	3.4	21.
12.6	38.4	3829.9	650.0	8.8	-11.8	24.6	4.5	-1.9	-4.1	319.0	326.5	2.4	21.9	3.1	22.
13.9	41.0	4152.5	625.0	6.4	-9.0	45.0	5.7	-2.0	-4.0	319.9	325.4	3.1	32.2	2.7	20.
15.1	43.9	4495.9	600.0	3.4	-13.9	61.9	5.5	-4.8	-2.6	320.3	327.3	2.2	26.8	2.3	15.
16.2	46.6	4829.5	575.0	0.6	-11.1	64.0	5.0	-4.5	-2.2	320.7	329.7	2.9	41.1	2.2	7.
17.6	49.4	5154.4	550.0	-2.4	-15.1	21.0	3.5	-1.3	-3.3	321.3	328.2	2.2	37.0	1.9	360.
19.1	52.5	5552.5	525.0	-3.8	-29.3	350.7	5.0	0.5	-4.9	323.9	326.2	0.6	11.8	1.5	1.
20.6	55.5	5934.7	500.0	-5.7	-31.9	355.4	6.0	0.2	-6.0	326.1	328.0	0.5	10.4	1.1	6.
22.1	58.7	6315.6	475.0	-7.5	-31.0	48.9	6.9	-5.2	-4.5	325.3	328.4	0.6	15.3	0.6	355.
23.7	62.1	6751.5	450.0	-11.5	-36.3	55.1	10.2	-5.4	-5.8	329.8	330.2	0.4	10.6	0.8	280.
25.3	65.5	7145.7	425.0	-14.5	-39.3	48.1	9.7	-7.2	-6.5	330.4	331.6	0.3	11.1	1.7	252.
27.6	69.0	7642.9	400.0	-17.3	-40.3	48.3	9.5	-7.1	-6.3	332.6	333.6	0.3	11.3	2.9	241.
29.8	72.7	8123.0	375.0	-21.2	-43.1	40.1	10.3	-6.6	-7.9	333.6	334.4	0.2	11.7	4.1	236.
31.8	76.7	8624.1	350.0	-25.5	-45.3	31.0	10.3	-5.3	-8.3	334.4	335.1	0.2	13.5	5.4	231.
33.7	80.6	9161.4	325.0	-29.2	-48.7	31.9	8.1	-4.3	-6.6	335.4	337.0	0.1	13.1	6.4	228.
35.7	85.0	9729.7	300.0	-33.7	-51.8	24.5	7.5	-1.4	-3.1	337.9	338.3	0.1	14.0	7.1	226.
39.2	99.4	10733.1	275.0	-38.3	-55.1	341.7	5.5	1.7	-5.2	339.9	340.1	0.1	15.0	7.4	223.
40.7	94.2	10997.9	250.0	-43.0	99.9	337.0	5.5	2.1	-5.0	342.2	999.9	99.9	999.9	7.8	217.
43.2	99.3	11695.0	225.0	-48.1	99.9	305.6	5.2	4.2	-3.0	344.8	999.9	99.9	999.9	8.1	212.
46.2	104.8	12451.7	200.0	-54.0	99.9	290.7	3.6	3.4	-1.3	347.3	999.9	99.9	999.9	8.0	206.
49.6	110.8	13297.9	175.0	-60.1	99.9	255.9	2.5	2.4	-0.7	350.8	999.9	99.9	999.9	7.8	202.
53.7	117.3	14244.1	150.0	-66.5	99.9	324.8	0.1	0.1	-0.1	355.5	999.9	99.9	999.9	8.1	199.
57.4	125.0	15332.5	125.0	-71.5	99.9	129.3	0.6	-0.5	0.4	365.4	999.9	99.9	999.9	8.2	198.
62.4	133.0	16560.9	100.0	-69.3	99.9	999.9	99.9	99.9	99.9	393.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

10 JULY 1977  
2047 GMT

123 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	11.2	585.0	946.5	35.0	17.7	190.0	3.6	0.0	3.6	313.0	351.3	13.6	36.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	13.0	797.0	925.0	32.6	13.1	999.9	99.9	99.9	99.9	312.6	341.9	10.3	30.7	999.9	99.9
1.9	15.1	1079.0	900.0	30.0	12.7	194.5	7.3	1.8	7.1	312.4	341.8	10.4	34.7	0.6	23.
2.6	17.0	1299.7	875.0	27.3	11.9	190.3	7.1	1.3	7.0	312.2	340.7	10.0	36.2	1.0	20.
3.1	19.3	1545.6	850.0	24.9	11.1	182.8	5.5	0.3	6.5	312.2	340.2	9.9	42.2	1.2	18.
3.7	21.2	1806.8	825.0	22.6	11.3	181.2	5.9	0.1	6.3	312.5	341.6	10.2	46.6	1.4	15.
4.3	23.5	2073.9	800.0	19.7	10.1	177.4	6.7	-0.3	6.7	312.5	341.9	9.8	53.7	1.6	13.
4.9	25.7	2346.7	775.0	16.9	9.5	169.6	7.0	-1.4	6.6	312.0	339.7	9.7	61.7	1.9	10.
5.5	28.0	2625.6	750.0	14.4	9.0	167.0	5.0	-1.4	5.9	312.2	339.8	9.7	70.2	2.1	8.
6.5	30.4	2911.7	725.0	11.6	7.3	169.1	5.5	-1.0	5.4	312.2	337.7	8.9	75.1	2.4	5.
9.0	32.9	3204.5	700.0	9.9	4.3	169.4	3.3	0.5	3.3	313.4	335.0	7.5	68.4	2.9	3.
9.5	35.3	3506.1	675.0	7.9	0.9	218.0	1.0	0.5	0.3	314.5	332.3	6.1	61.2	3.0	5.
11.0	37.8	3815.9	650.0	5.8	-0.1	217.4	1.2	0.5	-1.1	315.6	332.9	5.9	65.5	3.0	6.
12.6	40.4	4177.7	625.0	4.4	-1.1	50.1	1.5	-1.1	-0.9	317.5	334.4	5.7	67.3	2.9	5.
14.0	43.9	4469.2	600.0	2.3	-4.2	15.0	2.6	-0.5	-2.5	318.5	333.0	4.7	62.4	2.7	3.
15.5	45.7	4811.0	575.0	0.1	-10.4	35.2	4.6	-2.7	-3.8	320.2	329.6	3.0	44.9	2.4	0.
17.2	48.6	5164.7	550.0	-1.8	-27.8	38.0	5.3	-3.3	-4.2	322.0	324.4	0.7	11.7	2.1	350.
19.0	51.4	5575.0	525.0	-4.3	-18.0	24.6	3.3	-1.4	-3.0	323.2	329.1	1.8	33.7	1.7	342.
20.7	54.4	5917.5	500.0	-6.9	-20.8	72.3	5.3	-5.0	-1.6	324.6	329.5	1.5	32.0	1.6	330.
22.4	57.4	6315.0	475.0	-9.5	-19.5	78.3	5.0	-5.9	-1.2	326.2	331.7	1.7	42.6	1.9	311.
24.3	60.7	6731.3	450.0	-12.9	-23.4	43.5	6.0	-4.1	-4.4	327.2	331.6	1.3	40.5	2.3	296.
26.1	64.1	7165.8	425.0	-14.9	-30.6	41.7	9.9	-5.5	-7.4	329.9	332.4	0.7	24.6	2.5	277.
27.9	67.4	7622.8	400.0	-17.0	-35.0	53.3	12.7	-10.1	-7.6	332.9	334.8	0.5	21.2	3.5	263.
30.0	71.0	8104.3	375.0	-19.9	-46.5	45.3	12.3	-3.7	-3.6	335.3	335.9	0.2	7.2	5.1	251.
32.2	74.8	8612.8	350.0	-23.5	-50.7	44.8	6.7	-4.3	-4.8	337.0	337.4	0.1	6.1	6.1	247.
34.5	79.0	9147.0	325.0	-27.5	-54.0	36.2	5.2	-3.5	-5.0	339.7	339.0	0.1	6.0	6.9	244.
36.7	83.0	9720.0	300.0	-32.3	-54.0	19.4	5.8	-1.9	-5.5	339.9	340.2	0.1	5.3	7.6	240.
39.0	87.3	10327.9	275.0	-37.1	-57.2	325.6	3.5	2.0	-2.9	341.5	341.7	0.1	10.3	7.8	236.
41.3	92.2	10990.1	250.0	-41.3	99.9	343.9	1.6	0.4	-1.5	343.9	999.9	99.9	99.9	7.9	234.
43.8	97.2	11696.0	225.0	-47.6	99.9	251.7	0.9	0.8	0.3	345.6	999.9	99.9	99.9	7.8	233.
46.3	102.5	12451.9	200.0	-54.2	99.9	253.5	2.3	2.3	0.5	347.0	999.9	99.9	99.9	7.6	232.
48.9	108.8	13294.2	175.0	-61.2	99.9	355.1	3.5	0.3	-3.5	345.9	999.9	99.9	99.9	7.5	230.
51.9	115.3	14229.1	150.0	-66.8	99.9	78.7	9.5	-9.3	-1.7	345.0	999.9	99.9	99.9	8.7	229.
55.3	123.0	15324.2	125.0	-71.5	99.9	115.0	4.5	-5.7	2.7	365.6	999.9	99.9	99.9	9.8	237.
59.3	131.5	16657.0	100.0	-76.5	99.9	999.9	99.9	99.9	99.9	391.6	999.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

10 JULY 1977  
2100 GMT

122 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	781.0	925.0	34.4	15.8	150.0	4.7	-2.4	4.1	314.5	349.5	12.3	33.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.7	15.3	1027.0	900.0	30.4	99.9	999.9	99.9	99.9	99.9	312.9	999.9	99.9	99.9	999.9	999.9
1.4	17.5	1274.1	875.0	28.6	12.9	999.9	99.9	99.9	99.9	313.5	344.1	10.8	37.9	999.9	999.9
2.1	19.9	1534.9	850.0	26.3	11.5	120.0	8.1	-0.0	9.1	313.7	343.3	10.4	40.9	0.9	354.
2.8	22.1	1797.4	825.0	23.7	10.9	127.5	7.9	1.0	7.8	313.7	342.1	10.0	44.4	1.3	358.
3.6	24.6	2065.5	800.0	21.4	10.4	185.6	7.6	0.7	7.5	313.9	342.5	10.0	49.7	1.7	359.
4.4	27.0	2329.7	775.0	18.5	9.6	185.8	5.4	0.5	5.4	313.7	341.7	9.8	56.1	2.0	0.
5.2	29.6	2620.3	750.0	15.9	8.6	187.0	6.1	0.7	6.0	313.9	340.9	9.4	61.7	2.2	1.
5.9	32.2	2907.6	725.0	13.1	8.0	193.9	5.8	1.4	5.7	313.8	340.7	9.4	71.2	2.5	2.
6.7	35.0	3201.9	700.0	10.4	5.7	206.2	3.4	1.5	3.1	314.1	338.0	8.3	72.7	2.7	4.
7.4	37.4	3504.7	675.0	9.3	-0.6	201.9	1.3	0.5	1.2	315.0	332.3	5.5	50.2	2.8	5.
8.3	40.3	3817.0	650.0	7.4	-3.5	0.	0.9	-0.1	-0.9	317.4	331.1	4.5	45.6	2.8	5.
9.2	43.0	4134.9	625.0	5.3	-5.3	17.1	4.6	-1.4	-4.4	318.5	331.1	4.1	46.4	2.7	5.
10.2	45.9	4471.8	600.0	3.8	-7.7	32.3	5.0	-2.7	-4.2	320.5	331.7	3.6	42.8	2.4	2.
11.3	49.0	4816.0	575.0	1.2	-16.8	53.5	5.0	-3.0	-3.0	321.5	327.3	1.8	24.6	2.2	356.
12.6	51.9	5172.0	550.0	-1.2	-18.0	116.5	4.9	-4.4	2.2	322.6	328.1	1.7	26.6	2.0	347.
13.8	55.1	5541.1	525.0	-4.2	-18.5	71.5	3.5	-3.3	-1.1	323.4	328.9	1.7	31.7	2.7	340.
15.0	58.1	5924.3	500.0	-6.6	-17.3	351.6	9.0	1.3	-3.9	325.0	331.5	2.0	42.6	1.8	333.
16.2	61.5	6327.6	475.0	-9.3	-25.3	35.3	7.5	-4.3	-6.1	327.7	331.2	1.0	23.9	1.6	328.
17.4	65.0	6741.0	450.0	-11.3	-27.0	52.0	8.6	-6.8	-5.3	329.0	332.2	0.9	25.9	1.6	302.
18.9	68.4	7172.6	425.0	-12.6	-33.6	51.3	12.9	-10.1	-9.0	332.8	334.7	0.5	15.3	2.1	280.
20.7	71.9	7628.5	400.0	-15.6	-35.8	49.5	14.4	-10.9	-9.3	334.8	336.5	0.5	16.0	3.1	251.
22.1	75.7	8121.9	375.0	-19.4	-38.0	47.0	14.6	-10.7	-10.0	335.9	337.4	0.4	17.4	4.5	251.
23.3	79.8	8631.0	350.0	-23.2	-40.5	45.4	8.2	-5.9	-5.6	337.5	338.7	0.3	18.6	5.5	246.
25.6	83.7	9170.2	325.0	-26.9	-43.2	32.5	8.8	-4.7	-7.4	339.7	340.6	0.2	19.3	6.5	242.
27.4	87.8	9742.3	300.0	-31.2	-47.5	23.9	5.8	-2.8	-5.1	341.4	342.0	0.2	18.2	7.1	239.
29.4	92.6	10352.1	275.0	-36.6	-51.5	14.1	5.9	-1.4	-5.6	342.2	342.7	0.1	15.5	7.6	236.
31.4	97.2	11005.4	250.0	-41.3	99.9	343.3	2.2	0.4	-2.2	344.7	999.9	99.9	999.9	8.0	233.
33.8	102.3	11712.6	225.0	-46.9	99.9	291.3	3.6	3.3	-1.3	346.5	999.9	99.9	999.9	7.7	231.
36.5	107.8	12483.4	200.0	-52.1	99.9	355.2	4.1	0.3	-4.1	350.2	999.9	99.9	999.9	8.0	226.
39.2	113.3	13334.0	175.0	-57.2	99.9	12.7	3.5	-0.5	-3.4	352.3	999.9	99.9	999.9	8.2	225.
42.2	120.0	14285.7	150.0	-64.4	99.9	100.6	6.3	-6.1	1.2	359.2	999.9	99.9	999.9	9.1	225.
45.6	127.0	15344.2	125.0	-68.4	99.9	152.1	4.9	-2.3	4.4	371.1	999.9	99.9	999.9	9.5	230.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

11 JULY 0 GMT 1977

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TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	877.0	914.0	36.7	11.5	160.0	6.8	-2.3	6.4	317.9	345.3	9.4	22.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	15.5	1012.6	903.0	32.2	11.2	153.4	5.1	-2.3	4.5	314.7	341.5	9.3	27.6	0.2	315.
1.1	17.9	1265.2	875.0	30.7	10.6	145.1	5.7	-3.3	4.7	315.7	342.3	9.2	28.9	0.4	322.
1.8	20.4	1523.8	850.0	28.3	9.9	139.9	5.1	-4.0	4.6	315.9	342.0	9.1	31.8	0.7	321.
2.7	22.8	1787.6	825.0	25.6	9.2	145.9	6.4	-3.6	5.3	315.7	341.5	8.9	35.4	1.0	321.
3.5	25.2	2057.0	800.0	23.0	8.4	151.5	7.0	-3.3	6.1	315.7	340.8	8.7	39.1	1.3	323.
4.3	27.7	2332.7	775.0	20.5	8.1	148.4	7.2	-3.9	6.2	315.9	341.3	8.8	44.6	1.7	325.
5.1	30.3	2614.7	750.0	17.6	7.3	147.8	7.0	-2.7	5.9	315.7	340.6	8.6	50.6	2.0	326.
5.8	32.9	2893.5	725.0	14.9	6.5	159.0	5.1	-1.1	5.0	315.9	340.3	8.5	57.4	2.2	326.
5.6	35.5	3200.0	700.0	12.5	6.1	149.3	5.8	0.9	5.7	316.3	341.1	8.5	65.3	2.4	330.
7.8	39.2	3504.0	675.0	9.3	4.5	192.0	6.4	1.3	6.3	316.1	339.1	7.9	71.9	2.8	337.
8.8	40.9	3816.0	650.0	6.9	-0.8	215.7	2.4	1.4	2.0	316.7	333.4	5.6	58.3	3.0	341.
10.1	43.7	4139.2	625.0	5.8	-9.0	2.0	1.4	-0.1	-1.4	319.1	326.7	3.1	33.5	2.9	342.
11.8	45.6	4471.9	600.0	4.4	-9.0	35.5	3.5	-2.1	-2.8	321.2	331.3	3.2	37.0	2.8	338.
13.3	46.5	4816.5	575.0	1.5	-11.0	38.5	3.8	-2.4	-3.0	321.5	330.9	2.9	38.6	2.6	331.
14.5	52.5	5173.1	550.0	-1.0	-11.2	57.4	2.5	-2.1	-1.4	322.9	332.2	3.0	45.9	2.6	326.
15.6	55.5	5522.5	525.0	-3.7	-14.5	35.9	2.5	-1.5	-2.1	324.0	331.6	2.4	42.7	2.6	323.
17.2	59.7	5826.7	500.0	-5.7	-20.2	37.7	4.9	-3.0	-3.9	325.1	331.2	1.5	31.1	2.5	319.
19.9	61.2	6329.2	475.0	-7.2	-22.4	42.9	8.5	-5.8	-6.3	329.1	323.6	1.3	28.3	2.5	300.
20.6	65.2	6745.6	450.0	-10.5	-29.4	48.3	9.9	-7.3	-6.5	330.1	332.7	0.7	19.4	2.9	280.
22.2	68.7	7154.0	424.0	-12.5	-32.4	60.6	12.4	-10.8	-5.1	332.9	335.0	0.6	17.0	3.7	270.
23.7	72.2	7546.3	400.0	-15.9	-34.4	60.6	12.3	-10.7	-6.0	334.4	336.3	0.5	18.3	4.8	258.
25.4	75.9	8129.5	375.0	-19.5	-37.4	61.4	13.0	-11.4	-6.2	335.7	337.2	0.4	18.6	6.0	258.
27.3	78.7	8639.1	350.0	-23.6	-40.5	45.4	11.1	-7.9	-7.8	339.9	339.1	0.3	15.3	7.2	254.
29.2	83.7	9137.7	325.0	-27.7	-43.6	42.0	7.1	-4.8	-5.3	343.5	339.4	0.2	15.6	8.2	250.
31.4	87.8	9724.7	300.0	-32.0	-47.0	21.8	6.6	-2.5	-8.1	342.3	341.0	0.2	20.7	8.9	247.
33.8	92.2	10352.5	274.0	-37.2	-50.5	20.1	6.5	-2.2	-6.1	341.3	341.8	0.1	22.4	9.5	233.
36.3	96.8	11005.3	250.0	-41.4	-54.4	4.6	5.6	-0.4	-5.6	344.5	339.9	99.9	999.9	10.2	239.
38.9	101.6	11712.7	225.0	-46.4	-58.4	0.5	4.9	-0.9	-4.7	347.4	339.9	99.9	999.9	10.7	235.
41.6	105.9	12437.9	200.0	-52.8	-62.9	29.3	2.1	-1.0	-1.9	349.2	339.9	99.9	999.9	11.1	234.
45.0	112.5	13312.0	175.0	-58.5	-68.5	30.7	5.6	-2.8	-4.8	351.9	339.9	99.9	999.9	11.7	232.
49.6	118.7	14282.2	150.0	-65.5	-75.0	90.4	6.0	-5.0	0.0	357.3	339.9	95.9	955.5	12.9	232.
52.4	125.3	15377.9	125.0	-70.1	-81.1	144.0	4.7	-4.2	2.0	349.0	339.9	99.9	999.9	13.8	236.
56.9	132.0	16705.3	100.0	-70.1	-81.5	99.9	99.9	99.9	99.9	392.2	339.9	95.9	955.5	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

11 JULY 1977  
0 GMT

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ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GEM	PR'S MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PST T K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	771.0	926.2	34.8	15.7	190.0	7.4	1.3	7.3	314.8	349.5	12.2	32.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	95.9	995.9	999.9	999.9
99.9	99.9	99.9	755.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
0.0	13.0	742.7	925.0	34.8*	99.9	99.9	99.9	99.9	99.9	314.9	349.5	11.8	32.0	999.9	999.9
0.6	15.2	1039.5	503.0	31.5	14.8	599.9	99.9	99.9	99.9	314.2	347.6	11.8	32.0	999.9	999.9
1.5	17.5	1292.0	875.0	26.3	13.5	999.9	99.9	99.9	99.9	314.0	346.0	11.2	37.9	999.9	999.9
3.5	19.9	1579.3	850.0	26.6	12.5	142.0	9.6	0.3	9.6	314.0	344.8	10.8	41.7	1.4	1.
3.2	22.1	1902.3	825.0	24.5	12.0	195.2	2.7	9.8	9.8	314.5	345.2	10.8	45.7	1.9	3.
4.3	24.5	2071.1	800.0	21.7	10.4	207.3	3.9	3.9	7.6	314.3	343.0	10.0	48.7	2.4	8.
5.5	27.0	2345.6	775.0	18.5	8.7	210.2	7.3	3.7	6.3	313.9	340.1	9.2	52.8	2.9	12.
6.5	29.5	2624.3	750.0	16.1	7.4	222.0	6.5	4.4	4.9	314.1	339.0	8.7	56.2	3.4	15.
7.9	32.3	2913.8	725.0	13.5	4.4	235.5	3.5	3.0	1.8	314.4	335.6	7.3	53.6	3.7	15.
9.9	34.9	3209.3	700.0	12.6	0.8	17.1	1.3	-0.4	-1.3	316.4	333.7	5.8	44.4	3.8	20.
10.0	37.4	3513.7	675.0	11.5	-10.8	75.6	4.8	-2.9	-3.9	319.5	328.3	2.5	15.8	3.5	19.
11.2	40.2	3829.0	650.0	9.4	-9.0	75.0	6.9	-4.3	-5.5	319.5	329.7	3.2	28.2	3.1	16.
12.5	42.9	4151.4	625.0	6.2	-9.7	41.0	5.5	-3.5	-4.2	319.6	328.8	2.9	30.9	2.6	12.
13.9	45.9	4484.4	600.0	7.5	-10.3	49.8	4.2	-2.7	-2.7	320.2	325.3	2.9	35.5	2.3	5.
14.9	49.0	4827.5	575.0	0.4	-15.5	15.0	5.2	-1.3	-5.0	320.5	325.9	2.0	29.2	2.0	1.
15.7	51.9	5182.6	550.0	-2.1	-17.6	16.2	6.7	-1.9	-6.6	321.6	327.3	1.7	25.1	1.5	358.
18.0	55.0	5550.7	525.0	-3.5	-20.4	33.2	8.4	-3.5	-5.4	324.2	326.2	0.6	10.3	1.1	348.
19.4	58.1	5924.8	500.0	-6.2	-24.5	46.2	8.9	-6.4	-6.2	325.4	325.9	0.4	8.4	0.9	313.
20.8	61.5	6304.1	475.0	-9.3	-34.2	57.5	9.5	-8.0	-5.1	325.4	327.7	0.4	5.1	1.3	273.
23.4	65.1	6706.5	450.0	-11.7	-37.1	63.1	8.1	-7.2	-3.8	325.9	325.9	0.3	10.0	2.1	262.
23.9	68.4	7145.4	425.0	-14.1	-35.7	42.4	7.6	-5.1	-5.6	325.9	332.0	0.3	5.3	2.7	253.
25.9	72.0	7442.5	400.0	-17.2	-41.8	52.2	8.3	-6.6	-5.1	325.6	333.5	0.2	9.6	3.6	247.
2.8	76.0	7744.6	375.0	-21.2	-43.0	44.6	7.8	-5.5	-5.5	324.4	334.4	0.2	10.6	4.5	244.
31.5	80.2	8161.0	350.0	-25.8	-46.1	24.9	8.1	-3.4	-7.4	334.8	335.5	0.2	12.1	5.2	240.
33.9	84.6	8577.3	325.0	-29.8	-49.2	26.7	6.3	-2.3	-5.6	335.7	336.2	0.1	13.1	6.0	234.
35.3	93.4	10327.2	275.0	-33.7	-52.0	0.6	3.7	-0.0	-3.7	337.8	336.2	0.1	13.8	6.5	232.
38.9	98.4	10676.0	250.0	-43.2	-56.4	345.0	7.0	1.5	-5.7	335.0	335.3	0.1	14.4	6.8	226.
41.7	103.6	11679.3	225.0	-43.2	-56.4	345.0	7.0	0.4	-7.3	331.8	335.9	99.9	995.9	7.7	219.
44.9	105.5	12445.0	200.0	-47.9	99.9	333.1	4.7	2.1	-4.2	345.1	345.9	99.9	995.9	8.4	213.
48.5	115.5	13290.9	175.0	-51.4	99.9	323.4	4.2	2.2	-3.6	347.7	347.9	99.9	995.9	8.7	208.
52.5	122.7	14274.8	150.0	-51.4	99.9	353.6	4.0	0.5	-4.0	343.6	347.9	99.9	995.9	9.4	205.
56.7	130.3	15270.4	125.0	-72.5*	99.9	166.5	2.5	-0.5	2.4	333.7	345.9	99.9	995.9	9.8	204.
90.0	90.0	90.0	100.0	99.9	99.9	188.7	1.7	0.3	1.7	363.7	363.7	99.9	995.9	9.4	207.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	995.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

10 JULY 1977  
2350 GMT

134 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	585.0	944.8	35.7	16.9	90.0	3.6	-3.6	0.0	313.9	350.6	13.0	33.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	13.6	777.1	925.0	33.3	12.2	999.9	99.9	99.9	99.9	313.8	341.6	9.7	27.0	999.9	999.
1.5	15.9	1023.5	900.0	30.6	11.7	999.9	99.9	99.9	99.9	313.0	340.6	9.7	31.5	999.9	999.
2.4	18.4	1274.7	875.0	28.4	11.6	176.4	4.2	-0.3	4.2	313.3	341.4	9.9	35.4	0.7	4.
3.3	20.8	1531.1	850.0	25.7	11.2	177.3	5.4	-0.3	5.4	313.1	341.3	9.9	40.4	1.0	1.
4.3	23.4	1792.8	825.0	23.0	10.8	190.6	4.9	0.9	4.8	312.9	341.2	9.9	46.0	1.3	1.
5.2	25.9	2050.1	800.0	20.6	10.6	187.9	5.1	0.7	5.0	313.1	342.0	10.1	52.7	1.5	3.
6.0	28.7	2333.7	775.0	17.7	9.3	189.2	6.1	1.0	6.0	312.9	340.1	9.5	57.6	1.8	4.
7.1	31.4	2617.4	750.0	15.3	9.2	199.6	4.8	1.5	4.5	313.2	341.2	9.8	66.7	2.2	5.
8.3	34.3	2900.0	725.0	12.5	8.8	190.9	4.6	0.9	4.5	313.2	341.4	9.9	78.2	2.5	6.
9.6	36.9	3194.0	700.0	9.9	8.2	195.6	4.6	1.2	4.4	313.5	341.5	9.8	89.0	2.8	7.
10.9	39.9	3496.1	675.0	7.9	3.8	190.5	1.2	0.2	1.1	314.5	336.3	7.5	75.5	3.1	8.
12.3	42.6	3808.2	650.0	7.7	0.6	337.2	1.3	0.5	-1.2	317.6	336.0	6.2	60.8	3.1	8.
13.6	45.8	4130.3	625.0	4.9	-2.3	4.3	2.3	-0.2	-2.3	318.0	333.6	5.2	59.7	3.0	9.
15.0	48.9	4462.4	600.0	3.2	-17.0	22.9	3.2	-1.3	-3.0	319.8	325.5	1.8	22.2	2.8	8.
16.5	51.9	4806.3	575.0	1.6	-27.1	12.9	5.4	-1.2	-5.3	321.9	324.3	0.7	9.6	2.3	7.
18.2	55.1	5162.6	550.0	-0.4	-28.7	18.9	5.3	-2.0	-5.9	323.4	325.7	0.6	9.7	1.8	5.
19.7	58.3	5532.4	525.0	-3.3	-29.1	44.9	5.3	-4.1	-4.1	324.5	327.0	0.7	12.5	1.3	352.
21.3	61.8	5915.1	500.0	-5.2	-31.0	46.3	5.8	-4.2	-4.0	325.5	327.5	0.6	11.9	1.0	331.
23.0	65.3	6315.0	475.0	-7.1	-30.7	56.1	7.7	-5.4	-4.3	326.7	329.0	0.6	16.1	1.2	293.
25.0	68.9	6731.3	450.0	-12.1	-20.6	57.3	7.5	-6.3	-4.1	328.1	333.5	1.6	48.9	1.8	270.
27.0	72.5	7166.6	425.0	-14.5	-30.2	63.0	10.9	-9.9	-4.8	330.4	333.0	0.7	25.4	2.9	260.
29.8	76.5	7624.2	400.0	-16.9	-34.6	68.3	13.8	-12.3	-5.1	333.0	334.9	0.5	19.7	4.2	255.
30.7	80.5	8105.5	375.0	-20.6	-42.5	65.1	13.6	-12.3	-5.7	334.4	335.3	0.2	12.0	5.8	253.
32.8	84.7	8612.0	350.0	-24.5	-44.8	55.0	9.8	-3.1	-5.6	335.8	336.6	0.2	13.2	7.3	251.
35.2	89.0	9147.5	325.0	-27.9	-44.9	29.7	10.0	-4.9	-5.7	338.2	339.0	0.2	17.9	8.6	247.
37.6	93.6	9714.6	300.0	-31.9	-51.7	26.4	7.2	-3.2	-5.5	340.4	340.8	0.1	11.9	9.5	242.
40.2	99.4	10325.7	275.0	-37.0	-55.5	21.4	6.7	-2.5	-6.2	341.7	342.0	0.1	12.4	10.5	238.
42.7	103.4	10979.5	250.0	-41.5	99.9	65.4	1.8	-1.6	-0.7	344.4	999.9	99.9	999.9	11.0	236.
45.8	109.0	11695.1	225.0	-47.6	99.9	331.0	0.6	0.3	-0.5	345.6	999.9	99.9	999.9	11.1	237.
49.0	114.9	12452.0	200.0	-53.7	99.9	357.5	4.7	0.2	-4.7	347.7	999.9	99.9	999.9	11.4	234.
52.4	121.0	13295.9	175.0	-60.5	99.9	46.0	6.8	-4.9	-4.7	350.1	999.9	99.9	999.9	12.4	231.
55.9	127.8	14242.2	150.0	-67.3	99.9	105.0	9.5	-9.2	2.5	354.2	999.9	99.9	999.9	13.9	235.
60.2	135.3	15329.5	125.0	-70.2	99.9	159.8	0.7	-0.2	0.6	367.8	999.9	99.9	999.9	14.5	239.
65.6	142.5	16649.0	100.0	-70.3	99.9	999.9	99.9	99.9	99.9	392.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 550  
BIG SPRING, TEXAS

11 JULY 1977

0 GMT

127 100. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KN	AZ DG
0.0	13.2	781.0	923.9	34.2	15.1	150.0	4.7	-1.5	4.4	314.4	350.0	12.6	34.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.9	15.5	1017.3	900.0	31.1	13.0	999.9	99.9	99.9	99.9	313.5	343.6	10.6	33.3	999.9	999.9
1.7	17.8	1269.7	875.0	28.6	12.2	999.9	99.9	99.9	99.9	313.5	342.8	10.3	36.2	999.9	999.9
2.3	20.3	1525.5	850.0	25.1	10.9	159.1	8.3	-1.6	8.2	313.5	341.2	9.7	38.7	1.2	349.
3.2	22.7	1787.5	825.0	23.4	10.0	122.2	5.1	0.2	5.1	313.4	340.3	9.4	42.6	1.5	350.
4.1	25.3	2055.4	800.0	21.0	9.9	136.8	6.8	0.3	6.3	313.5	341.0	9.6	49.0	1.8	353.
4.9	27.8	2379.0	775.0	18.3	9.0	195.5	6.2	1.2	5.9	313.5	340.4	9.4	54.6	2.1	356.
5.8	30.5	2699.2	750.0	15.5	8.1	214.6	5.1	2.9	4.2	313.4	339.5	9.1	61.4	2.4	359.
6.7	33.1	2995.5	725.0	12.6	6.2	214.0	4.3	3.6	5.3	313.3	338.0	6.5	68.1	2.7	3.
7.7	35.9	3199.5	700.0	10.3	7.6	215.9	3.5	2.2	3.0	313.9	341.0	9.5	83.7	3.0	8.
8.8	38.8	3492.1	675.0	9.4	-1.8	67.7	1.4	-1.3	-0.5	316.2	331.0	5.0	45.4	3.1	8.
10.1	41.5	3990.5	650.0	7.9	-8.3	49.6	2.2	-1.7	-1.4	318.0	327.7	3.1	36.5	2.9	5.
11.4	44.5	4125.7	625.0	5.6	-11.5	67.8	2.2	-2.0	-0.8	318.9	326.9	2.5	27.8	2.8	2.
12.7	47.6	4499.4	600.0	3.9	-15.7	79.9	3.0	-2.9	-0.7	320.6	326.6	1.9	22.3	2.8	359.
13.9	50.6	4907.5	575.0	1.4	-18.5	57.5	4.0	-3.4	-2.1	321.7	326.7	1.5	21.0	2.6	352.
15.2	53.4	5159.7	550.0	-1.1	-16.7	74.6	3.2	-2.0	-2.5	322.8	329.0	1.9	29.9	2.6	349.
16.4	56.9	5529.5	525.0	-3.2	-19.1	79.9	5.3	-3.3	-4.1	323.4	328.8	1.6	30.2	2.4	343.
17.9	60.3	5911.6	500.0	-5.3	-23.6	40.3	7.1	-4.6	-5.4	325.4	329.3	1.1	23.9	2.0	328.
19.0	63.7	6310.6	475.0	-5.2	-26.4	54.6	5.4	-4.4	-3.1	325.6	329.7	0.9	23.1	2.0	318.
20.4	67.1	6726.1	450.0	-11.9	-28.9	42.9	9.8	-3.7	-4.5	328.3	331.0	0.9	22.6	2.2	303.
21.8	70.6	7162.5	425.0	-13.9	-32.2	69.0	19.8	-10.0	-4.0	331.2	333.4	0.6	19.7	2.9	287.
23.4	74.4	7629.8	400.0	-16.5	-35.3	55.7	15.8	-12.9	-9.7	333.5	335.2	0.5	17.8	3.8	274.
25.0	78.5	8102.2	375.0	-20.6	-37.6	52.9	15.0	-12.0	-9.1	334.3	338.8	0.4	19.9	5.1	262.
26.8	82.4	8607.0	350.0	-24.9	-41.3	44.7	11.7	-9.3	-7.7	335.2	336.3	0.3	20.0	6.4	255.
29.4	85.5	9142.4	325.0	-28.7	-44.5	45.4	7.1	-4.3	-5.0	337.1	337.9	0.2	20.0	7.3	252.
30.1	91.0	9710.6	300.0	-33.1	-47.6	354.5	4.2	0.1	-4.2	333.8	339.4	0.2	21.6	7.8	249.
32.1	95.7	10314.0	275.0	-37.0	-51.2	15.5	10.1	-2.7	-9.8	341.5	342.1	0.1	20.9	8.3	245.
34.1	100.7	10970.5	250.0	-42.1	99.9	7.0	5.9	-0.7	-5.9	343.5	999.9	99.9	999.9	8.9	239.
36.1	105.0	11675.8	225.0	-46.7	99.9	351.9	5.9	0.8	-5.8	346.9	999.9	99.9	999.9	9.1	236.
38.3	111.5	12447.9	200.0	-52.4	99.9	74.5	3.4	-1.9	-2.8	349.8	999.9	99.9	999.9	9.3	235.
40.9	117.5	13299.3	175.0	-58.5	99.9	64.0	2.9	-2.5	-1.3	353.4	999.9	99.9	999.9	9.9	233.
43.6	124.5	14253.7	150.0	-64.5	99.9	81.5	6.4	-6.4	-0.9	356.9	999.9	99.9	999.9	10.9	233.
45.6	131.7	15350.9	125.0	-69.5	99.9	54.5	1.5	-1.3	-0.8	369.2	999.9	99.9	999.9	11.1	237.
50.3	139.0	16595.2	100.0	-70.9	99.9	999.9	99.9	99.9	99.9	390.8	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEXAS

11 JULY 1977  
250 GMT

122 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	873.0	914.0	30.0	11.5	160.0	5.6	-1.9	5.3	311.1	337.7	9.4	32.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.5	15.2	1012.0	900.0	30.3	16.3	163.0	12.8	-2.7	12.5	312.9	349.6	13.1	42.9	0.4	347.
1.3	17.4	1253.9	875.0	29.0	14.8	170.1	11.0	-1.9	10.9	313.9	348.4	12.2	42.0	0.9	348.
2.2	19.9	1521.2	850.0	27.0	13.8	168.8	11.5	-2.2	11.3	314.4	347.8	11.8	44.3	1.5	349.
2.9	22.7	1743.9	825.0	23.8	11.9	165.0	10.8	-2.6	10.5	313.7	344.2	10.7	47.4	2.0	349.
4.0	24.9	2052.0	800.0	21.1	10.3	165.9	9.8	-2.4	9.5	313.7	342.0	9.9	50.2	2.7	348.
4.7	27.1	2325.4	775.0	19.2	9.3	169.8	8.5	-1.5	8.4	314.4	341.9	9.6	52.8	3.1	348.
5.8	29.8	2607.4	750.0	16.4	7.6	171.1	5.8	-0.9	5.7	314.4	339.7	8.8	56.1	3.5	348.
5.7	32.4	2895.2	725.0	13.9	5.6	164.7	1.7	-0.5	1.7	314.7	338.0	8.1	58.3	3.7	349.
7.8	35.2	3190.3	700.0	11.2	4.8	165.0	0.2	-0.2	0.1	314.9	337.5	7.8	64.9	3.7	348.
9.8	37.8	3493.5	675.0	9.3	-1.7	7.4	2.8	-0.4	-2.8	314.6	332.0	5.1	65.7	3.7	348.
9.9	40.5	3807.0	650.0	8.8	-6.5	30.9	4.8	-2.5	-4.2	313.9	330.1	3.6	33.2	3.5	345.
11.0	43.2	4130.1	625.0	6.7	-7.5	34.0	4.5	-2.5	-3.7	320.2	331.0	3.5	35.3	3.2	340.
12.0	46.1	4464.1	600.0	4.9	-9.0	14.8	4.1	-1.0	-3.9	321.7	331.8	3.2	35.9	3.1	337.
13.3	49.3	4909.5	575.0	1.7	-10.7	30.6	5.5	-2.8	-4.8	322.0	331.6	3.1	40.4	2.8	333.
14.5	52.0	5144.0	550.0	-1.3	-15.6	44.8	6.4	-4.5	-4.6	322.6	329.2	2.1	32.4	2.7	324.
16.0	55.2	5535.6	525.0	-3.3	-19.9	45.6	7.7	-5.5	-5.4	324.4	329.4	1.5	26.4	2.6	311.
17.5	58.3	5920.0	500.0	-5.3	-22.7	55.8	9.5	-7.9	-5.3	326.0	320.2	1.2	24.9	2.9	295.
18.8	61.6	6319.7	475.0	-5.5	-21.4	70.4	10.1	-9.5	-3.4	327.4	322.3	1.4	34.3	3.4	285.
20.3	65.0	6737.7	450.0	-9.4	-26.1	65.1	10.7	-9.7	-4.5	331.4	324.9	1.0	24.1	4.2	278.
21.7	68.2	7177.2	425.0	-12.3	-29.5	71.6	12.6	-12.0	-4.0	333.2	335.9	0.8	22.1	5.1	272.
23.5	71.7	7675.9	400.0	-16.3	-32.2	72.3	13.4	-12.8	-4.1	333.8	336.0	0.6	22.4	6.4	268.
25.3	75.7	9118.6	375.0	-20.8	-36.5	73.2	12.8	-12.3	-3.7	324.1	335.7	0.4	22.6	7.9	265.
26.9	79.6	9624.9	350.0	-24.6	-39.7	57.3	12.3	-10.3	-6.6	335.6	336.9	0.3	22.9	9.0	263.
28.8	83.5	9160.0	325.0	-28.9	-43.2	53.4	9.3	-7.5	-5.5	337.1	338.0	0.3	23.1	10.1	259.
30.8	87.5	9727.7	300.0	-33.2	-46.3	70.7	6.9	-3.6	-6.0	335.6	339.3	0.2	25.3	10.9	256.
33.1	92.0	10334.4	275.0	-37.3	-49.2	34.6	3.3	-4.7	-6.9	311.2	341.7	0.1	25.5	11.5	253.
35.6	96.6	10946.3	250.0	-42.1	-52.9	46.0	5.2	-3.7	-3.6	343.6	340.9	99.9	999.9	12.5	250.
38.2	101.5	11592.0	225.0	-46.7	-56.5	30.0	3.7	-1.9	-3.2	347.0	340.9	99.9	999.9	13.2	248.
41.1	107.0	12450.4	200.0	-53.5	-59.9	22.3	2.5	-0.9	-2.3	348.1	340.9	99.9	999.9	13.6	247.
44.2	112.6	13307.5	175.0	-60.1	-63.1	17.5	5.1	-1.5	-4.9	350.2	340.9	99.9	999.9	14.0	245.
47.5	118.8	14253.7	150.0	-67.1	-66.1	101.1	5.2	-5.1	1.0	354.5	340.9	99.9	999.9	15.1	244.
51.6	125.8	15374.1	125.0	-72.2	-69.9	12.2	2.1	-0.5	-2.1	354.3	340.9	99.9	999.9	15.6	245.
56.7	133.0	16658.8	100.0	-70.1	-65.5	559.9	99.9	99.9	99.9	392.2	340.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 330  
POST, TEXAS

11 JULY 1977  
300 GMT

122 102. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.1	771.0	926.2	30.0	14.5	170.0	3.4	-0.5	3.3	309.9	341.5	11.3	35.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.1	14.2	792.6	925.0	30.3	99.9	999.9	99.9	99.9	99.9	310.3	343.0	99.9	999.9	999.9	999.9
0.9	16.4	1029.4	907.0	32.0	14.8	999.9	99.9	99.9	99.9	314.5	348.2	11.9	35.4	999.9	999.9
1.7	18.8	1291.0	875.0	29.7	13.5	999.9	99.9	99.9	99.9	314.7	346.8	11.2	37.1	999.9	999.9
2.6	21.0	1579.4	850.0	25.7	12.1	197.6	11.2	1.5	11.1	313.1	343.0	10.6	42.9	1.8	359.
3.5	23.5	1900.2	825.0	22.9	10.5	197.9	9.5	2.9	9.0	312.7	340.4	9.7	45.8	2.3	3.
4.5	25.8	2047.5	800.0	21.0	9.8	204.1	8.4	3.5	7.7	313.5	340.9	9.6	48.8	2.8	6.
5.5	28.4	2341.7	775.0	18.9	8.2	215.9	5.4	3.3	4.3	314.1	339.5	8.8	49.8	3.2	9.
6.2	31.0	2622.6	750.0	17.1	5.8	209.0	5.1	3.0	5.3	315.2	337.8	7.8	47.3	3.4	11.
7.2	33.7	2910.9	725.0	14.7	3.6	235.3	1.9	1.5	1.1	315.6	335.8	6.9	47.5	3.6	12.
8.1	36.2	3205.7	700.0	13.3	-7.9	57.8	0.9	-0.7	-0.5	317.2	326.5	3.0	22.0	3.6	13.
9.3	39.0	3511.7	675.0	11.6	-7.0	42.1	2.8	-2.4	-1.3	316.7	325.1	3.4	26.4	3.5	11.
10.3	41.6	3826.1	650.0	9.4	-7.5	35.4	4.2	-2.5	-3.4	319.6	330.0	3.4	25.6	3.4	9.
11.5	44.6	4149.5	625.0	6.2	-9.1	19.0	5.3	-1.7	-5.1	319.6	329.1	3.1	32.3	3.0	6.
12.8	47.6	4432.4	600.0	2.9	-10.4	4.0	6.6	-0.5	-6.5	319.5	328.5	2.9	36.9	2.6	6.
14.1	50.5	4875.1	575.0	-0.4	-10.9	0.5	7.3	-0.1	-7.3	319.5	328.6	2.9	45.0	2.0	8.
15.4	53.5	5178.6	550.0	-3.1	-20.3	24.6	7.5	-3.2	-7.1	320.4	325.6	1.5	30.0	1.4	8.
16.7	56.5	5547.8	525.0	-2.4	-29.0	56.9	9.2	-7.7	-5.0	325.5	327.8	0.7	10.9	1.0	344.
17.9	59.9	5977.2	500.0	-5.3	-20.9	60.2	10.2	-8.3	-5.0	325.3	327.4	0.6	12.0	1.1	303.
19.4	63.1	6331.3	475.0	-9.0	-22.9	56.2	9.4	-7.3	-5.2	325.8	325.6	0.5	12.3	1.7	274.
21.0	66.4	6747.3	450.0	-11.9	-34.8	47.5	8.1	-6.0	-5.5	328.2	329.8	0.4	12.9	2.3	262.
22.6	70.1	7192.8	425.0	-14.1	-36.6	54.4	8.2	-6.7	-4.8	330.9	332.3	0.4	12.7	3.0	253.
24.1	73.4	7640.1	400.0	-17.4	-39.1	57.0	7.8	-6.5	-4.2	332.4	333.6	0.3	13.0	3.7	245.
25.7	77.3	8110.6	375.0	-21.7	-42.3	52.3	7.3	-6.3	-4.5	332.9	333.9	0.2	13.4	4.4	248.
27.6	81.2	8627.4	350.0	-25.7	-45.3	33.3	5.3	-4.5	-7.0	334.1	334.8	0.2	13.9	5.2	243.
29.6	85.4	9155.8	325.0	-29.3	-48.2	48.6	3.2	-2.9	-2.5	335.7	336.2	0.1	14.6	6.0	240.
31.7	89.9	9721.2	300.0	-34.4	-51.5	6.1	3.3	-0.3	-3.2	336.8	337.3	0.1	15.5	6.2	239.
34.2	94.4	10324.7	275.0	-38.6	99.9	3.0	6.5	-0.3	-6.5	339.4	999.9	99.9	999.9	6.7	234.
36.7	99.0	10972.7	250.0	-43.5	99.9	342.7	7.4	2.2	-7.0	341.5	999.9	99.9	999.9	7.3	226.
39.6	104.2	11674.4	225.0	-48.3	99.9	322.1	4.4	2.7	-3.4	344.5	999.9	99.9	999.9	7.6	219.
42.5	109.8	12439.7	200.0	-54.0	99.9	342.9	5.9	2.0	-5.6	347.2	999.9	99.9	999.9	8.0	213.
45.7	115.4	13283.9	175.0	-50.9	99.9	18.2	2.5	-0.8	-2.3	349.5	999.9	99.9	999.9	8.8	208.
49.2	121.8	14227.3	150.0	-67.1	99.9	173.5	4.4	-0.5	4.4	354.5	999.9	99.9	999.9	8.8	210.
53.1	128.3	15306.9	125.0	-73.3	99.9	222.8	2.8	1.9	2.1	362.3	999.9	99.9	999.9	8.1	211.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 440  
ROBERT LEE, TEXAS

11 JULY 1977  
245 GMT

129 97.0 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	595.0	945.1	30.3	18.1	170.0	1.6	-0.3	1.6	308.4	346.8	14.0	48.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.5	99.9	99.9	99.9	999.9	55.9	995.9	999.9	599.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.5	99.9	99.9	99.9	998.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.5	99.9	99.9	99.9	999.9	55.9	999.9	999.9	999.9
0.6	12.6	777.8	925.0	31.3	15.6	599.9	59.5	59.9	59.9	311.3	345.5	12.2	28.8	999.9	999.9
1.5	14.9	1023.0	900.0	29.3	14.5	999.9	59.9	59.9	99.9	311.7	346.5	11.7	40.6	999.9	999.9
2.4	17.0	1273.2	875.0	27.0	13.2	165.5	11.1	-2.0	11.0	311.9	342.9	11.0	42.6	1.8	340.
3.4	19.4	1529.1	850.0	24.9	12.0	177.1	10.0	-0.5	10.0	312.3	341.8	10.4	44.3	2.4	344.
4.3	21.5	1790.4	825.0	22.6	10.9	181.9	9.2	0.3	9.2	312.5	341.0	10.0	47.7	3.0	347.
5.5	24.0	2057.3	800.0	20.2	10.3	183.2	7.2	1.2	7.1	312.7	340.9	9.9	53.0	3.5	350.
6.6	25.2	2370.4	775.0	17.6	9.0	203.5	7.0	2.9	6.4	312.8	339.4	9.3	56.7	3.9	353.
7.6	28.9	2609.9	750.0	14.7	7.9	205.2	5.6	3.1	5.8	312.6	338.1	9.0	63.4	4.2	356.
8.8	31.5	2895.9	725.0	11.9	7.6	225.5	5.3	3.8	3.7	312.5	338.4	9.1	75.1	4.6	360.
10.0	34.1	3189.3	700.0	9.8	7.4	238.4	1.7	1.4	0.9	313.4	340.0	9.3	84.7	4.7	3.
11.2	36.6	3491.8	675.0	9.1	1.8	38.2	2.6	-1.6	-2.0	315.9	335.1	6.5	60.2	4.7	2.
12.3	39.1	3893.7	650.0	6.7	-0.7	47.0	3.3	-2.4	-2.3	313.6	333.3	5.6	58.9	4.5	0.
13.6	41.8	4124.7	625.0	5.4	-19.2	38.9	5.2	-3.0	-4.3	313.6	328.2	1.4	15.6	4.3	357.
15.0	44.7	4457.5	600.0	4.1	-24.2	36.8	6.9	-4.4	-5.3	313.9	323.9	0.9	10.5	3.9	353.
15.3	47.6	4801.3	575.0	1.9	-27.0	37.0	9.4	-5.7	-7.5	312.3	324.8	0.7	9.5	3.5	345.
17.8	50.6	5158.6	550.0	-0.5	-28.0	47.9	8.5	-6.3	-5.7	313.5	325.6	0.8	9.4	3.1	331.
19.3	53.7	5529.4	525.0	-3.2	-30.0	51.6	5.1	-7.1	-5.6	313.6	326.7	0.6	10.4	3.1	319.
20.8	56.7	5912.3	500.0	-5.0	-33.3	47.5	9.9	-7.3	-6.7	326.0	327.6	0.5	9.2	3.2	303.
22.3	60.1	6311.6	475.0	-8.0	-34.3	56.7	8.9	-7.7	-4.5	316.8	330.0	0.9	23.0	3.6	285.
23.8	63.7	6727.9	450.0	-12.5	-33.0	76.7	8.4	-8.1	-1.9	317.5	332.0	1.3	40.9	4.1	283.
25.4	67.0	7164.5	425.0	-13.2	-36.7	81.4	14.0	-13.9	-2.1	312.0	333.4	0.4	11.8	5.1	278.
27.0	70.8	7523.1	400.0	-17.0	-41.2	79.9	16.1	-15.9	-2.5	313.9	333.8	0.3	10.0	6.7	274.
28.8	74.5	8074.5	375.0	-20.9	-40.6	71.9	14.9	-14.2	-4.6	313.9	335.0	0.3	15.1	8.2	271.
30.3	78.7	8608.9	350.0	-25.1	-44.7	60.7	11.2	-9.8	-5.5	315.0	335.7	0.2	14.0	9.7	267.
32.7	82.8	9143.1	325.0	-29.1	-48.2	57.7	9.0	-7.6	-4.8	315.7	337.2	0.1	13.8	10.7	264.
34.8	87.2	9710.5	300.0	-33.4	-50.1	60.5	9.1	-7.0	-4.0	315.3	338.8	0.1	16.7	11.7	262.
37.0	92.0	10315.7	275.0	-37.4	-54.5	44.6	7.0	-4.9	-5.0	311.0	341.4	0.1	14.7	12.6	260.
39.3	96.8	10967.8	250.0	-42.3	99.9	48.2	4.3	-3.2	-2.8	343.2	599.9	99.9	955.9	13.1	257.
41.7	102.0	11670.9	225.0	-48.4	95.5	35.2	0.5	0.1	-0.6	344.3	999.9	99.9	955.9	13.4	257.
44.9	109.0	12435.2	200.0	-56.7	99.9	31.5	2.3	-1.5	-2.4	345.2	999.9	99.9	955.9	13.5	256.
47.5	114.3	13279.5	175.0	-60.5	99.9	55.5	5.7	-4.7	-3.2	343.1	999.9	99.9	955.9	14.4	255.
50.8	121.0	14222.0	150.0	-68.0	99.9	52.5	4.6	-4.1	-2.1	337.0	999.9	99.9	955.9	15.6	254.
54.5	128.0	15302.5	125.0	-72.8	99.9	35.5	0.2	-2.5	-2.5	363.1	999.9	99.9	955.9	16.0	252.
58.9	137.3	15617.6	100.0	-68.1	99.9	59.5	99.9	99.9	99.9	366.3	999.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	955.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 550  
BIG SPRING, TEXAS

11 JULY 1977  
300 GMT

128 103. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM W-CLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.9	781.0	924.1	29.7	15.4	160.0	5.5	-1.9	5.2	309.8	343.3	12.0	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
0.6	16.0	1019.4	900.0	28.9	99.9	99.9	99.9	99.9	99.9	311.3	359.9	99.9	99.9	999.9	999.
1.4	18.4	1265.6	975.0	27.3	11.3	999.9	99.9	99.9	99.9	312.2	339.7	9.7	36.8	999.9	999.
2.2	20.8	1521.2	850.0	25.2	9.8	178.2	11.9	-0.4	11.9	312.5	338.3	9.0	38.0	1.7	355.
3.1	23.3	1742.5	925.0	22.9	9.3	183.8	10.2	0.7	10.1	312.9	338.5	9.0	41.9	2.4	386.
4.1	25.8	2049.6	800.0	20.4	8.9	195.6	6.5	1.7	6.2	312.9	338.7	9.0	47.4	2.8	396.
5.0	29.3	2322.8	775.0	17.9	9.1	200.4	6.7	2.3	6.2	313.1	338.3	8.8	52.5	3.1	1.
6.0	31.1	2602.7	750.0	14.7	6.3	207.7	6.1	2.9	5.4	312.5	335.7	8.1	57.1	3.5	3.
7.1	33.9	2898.7	725.0	13.4	4.0	265.6	1.8	1.8	0.1	314.2	334.8	7.1	52.7	3.7	6.
9.1	36.5	3193.4	700.0	11.7	-0.1	266.2	0.9	0.9	0.1	315.4	331.6	5.4	44.2	3.5	7.
9.1	39.4	3488.9	675.0	10.3	-5.7	24.4	3.2	-1.8	-2.6	317.2	328.5	3.7	31.8	3.7	7.
10.2	42.1	3800.0	650.0	8.9	-13.1	53.8	6.2	-5.0	-3.6	318.9	325.7	2.1	19.7	3.2	3.
11.3	45.1	4122.9	625.0	6.2	-12.6	57.0	6.2	-5.7	-2.4	319.6	327.0	2.3	24.6	3.1	357.
12.6	48.3	4455.5	600.0	3.3	-14.5	54.5	9.6	-7.0	-5.0	320.0	326.6	2.1	25.7	2.9	347.
13.8	51.1	4790.3	575.0	1.0	-16.5	43.4	8.3	-5.7	-5.1	321.2	327.2	1.8	25.7	2.7	335.
15.0	54.5	5155.1	550.0	-1.6	-21.5	52.0	8.2	-6.4	-5.0	322.2	326.3	1.2	20.2	2.5	323.
16.3	57.6	5524.4	525.0	-3.0	-22.7	54.6	9.9	-9.0	-5.7	324.2	328.8	1.2	20.2	2.7	307.
17.7	61.0	5909.5	500.0	-5.3	-21.6	51.5	9.5	-7.4	-5.9	326.0	330.6	1.4	27.3	3.0	291.
19.1	64.6	6309.3	475.0	-9.0	-25.9	70.1	9.5	-8.9	-3.2	326.8	330.2	1.0	23.9	3.5	293.
20.6	68.0	6725.2	450.0	-9.9	-33.0	75.3	9.9	-9.6	-2.4	330.9	332.7	0.5	13.1	4.3	276.
22.0	71.3	7169.4	425.0	-12.3	-36.1	74.5	10.9	-10.5	-2.9	333.2	334.7	0.4	11.6	5.1	273.
23.4	75.2	7625.5	400.0	-15.9	-37.4	71.8	13.3	-12.6	-4.2	334.4	335.8	0.4	13.6	6.1	270.
25.0	79.3	8109.0	375.0	-20.0	-40.2	66.1	14.1	-12.9	-5.7	335.1	336.2	0.3	14.5	7.5	266.
26.6	83.3	8515.0	350.0	-24.6	-43.0	66.7	9.3	-9.6	-3.7	335.7	336.6	0.2	16.1	8.5	263.
28.3	87.5	9150.0	325.0	-28.8	-45.7	62.4	8.8	-7.8	-4.1	336.9	337.7	0.2	17.7	9.3	262.
30.1	92.2	9714.3	300.0	-32.8	-49.2	33.6	8.3	-4.9	-6.8	339.2	339.8	0.2	19.5	10.2	259.
32.2	97.0	10325.1	275.0	-37.0	-52.8	21.4	6.7	-2.4	-5.2	341.7	342.1	0.1	17.4	10.7	255.
34.3	102.0	10977.2	250.0	-41.9	-56.9	61.1	2.5	-2.2	-1.2	343.9	343.9	99.9	99.9	11.1	253.
35.6	107.5	11684.1	225.0	-47.1	-59.9	53.7	5.2	-4.2	-3.1	346.4	346.4	99.9	99.9	11.7	252.
39.1	113.3	12454.2	200.0	-53.0	-59.9	2.3	3.8	-0.2	-3.8	348.8	348.8	99.9	99.9	12.2	251.
41.8	119.5	13704.0	175.0	-59.4	-59.9	376.9	2.3	0.9	-2.1	351.8	351.8	99.9	99.9	12.2	248.
44.5	125.7	14255.6	150.0	-65.5	-59.9	114.7	5.0	-4.6	2.1	357.3	357.3	99.9	99.9	13.0	247.
47.7	133.7	15352.5	125.0	-69.3	-59.9	32.1	3.9	-2.0	-3.3	369.5	369.5	99.9	99.9	13.4	248.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

