

TEXAS BOARD OF WATER ENGINEERS

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BULLETIN 6009

WATER LEVELS IN OBSERVATION WELLS
IN
HASKELL AND KNOX COUNTIES, TEXAS
1956-1960

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Prepared in cooperation with the Geological Survey
United States Department of the Interior

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TABLE OF CONTENTS

	Page
Introduction-----	1
Water-Level Measurements in Haskell County-----	4
Water-Level Measurements in Knox County-----	8

ILLUSTRATIONS

Observation Wells in Haskell County, Texas-----	5
Graphs Showing Measured Water Levels in Two Wells in Haskell County and the Annual Precipitation at Haskell, Texas-----	6
Observation Wells in Knox County, Texas-----	9
Graphs Showing Measured Water Levels in Two Wells in Knox County and the Annual Precipitation at Munday, Texas-----	10

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INTRODUCTION

Periodic measurements of water levels are made in selected observation wells throughout the state as a part of an observation well program conducted cooperatively by the Texas Board of Water Engineers and the U. S. Geological Survey to evaluate the effects of ground-water development in relation to available supply.

This bulletin contains records of water levels measured in 28 observation wells in Haskell County and in 14 observation wells in Knox County. The period of record is from 1956 through 1960.

Maps showing the location of the observation wells face the corresponding tables of water-level measurements. Hydrographs showing water levels in selected wells in Haskell and Knox Counties follow the corresponding observation well location maps. Annual precipitation graphs for Haskell and Munday are combined with their respective hydrographs.

H A S K E L L C O U N T Y

WATER-LEVEL MEASUREMENTS IN HASKELL COUNTY

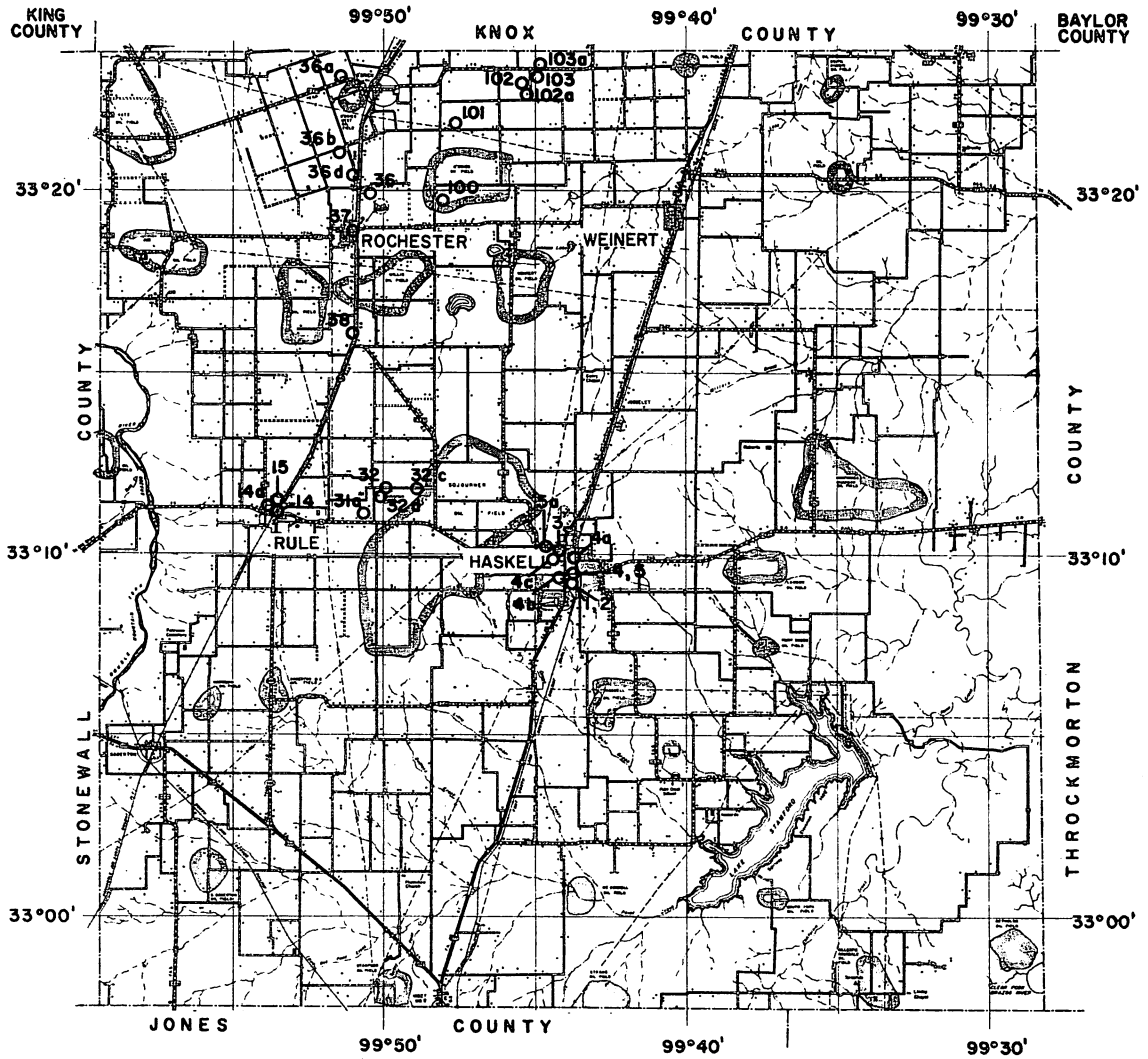
Water levels in feet below land-surface datum

Well	1956		1957		1958		1959		1960	
	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level
1	1/4	4.52	1/7	10.14	1/13	7.37			1/8	9.75
2	1/4	7.67	1/7	6.98	1/13	10.54				
3	1/4	20.83	1/7	22.83	1/13	23.48			1/8	23.18
4	1/4	b18.99	1/7	b21.03	1/13	19.53			1/8	20.23
4a	1/4	19.75	1/7	22.34	1/13	22.38			1/8	21.70
4b	1/4	18.18	1/7	22.01	1/13	21.09	2/3	21.8		
4c	1/4	18.69	1/7	20.61	1/13	21.31	2/3	21.13		
5	1/4	b17.28	1/7	b22.10	1/13	18.78			1/8	19.77
5a	1/4	26.69	1/7	31.24	1/13	29.95				
14	1/4	39.12	1/7	40.98	1/13	40.10			2/5	40.26
14a			1/7	b47.64					2/5	47.65
15	1/4	38.48	1/9	44.2	1/13	38.6				
31a	1/4	32.15	1/7	36.58	1/13	37.07	2/4	38.41	1/21	39.64
32	1/4	27.27	1/7	31.25	1/13	30.35			1/8	31.62
32c	1/4	29.75	1/7	a33.86					1/21	32.06
32d	6/7	31.87	1/7	33.45	1/13	32.18	2/3	32.71	1/8	33.47
36	1/4	37.46	1/8	39.80	1/14	39.63	2/5	40.78	1/21	42.75
36a	1/4	16.77	1/7	21.66	1/14	18.91	2/5	19.51		
36b	1/4	18.72	1/8	21.68	1/14	20.36	2/5	21.06	1/21	22.00
36d	1/4	16.70	1/8	22.74	1/14	21.71	2/5	22.77	1/21	22.96
37	1/5	17.9	1/8	22.94	1/14	21.53			1/21	a25.58
38	1/4	16.28	1/9	18.34	1/13	14.91	2/5	15.64	1/21	13.34
100	1/4	15.40	1/8	20.07	1/14	16.65	2/5	20.63	1/21	20.52
101	8/3	c32.58	1/4	30.76	1/14	31.52	2/6	32.70	1/21	32.99
102	1/4	20.53	1/9	26.05	1/14	25.95	2/5	27.41	1/21	28.90
102a	1/4	25.05	1/5	30.80	1/14	29.63	2/5	32.9	1/21	32.88
103	1/4	19.94	1/9	25.66	1/14	25.05	2/5	26.44	1/21	28.22
103a			1/5	28.57	1/14	25.72	2/5	27.92	1/21	29.02

a Pumping

b Pumped recently

c Nearby well being pumped

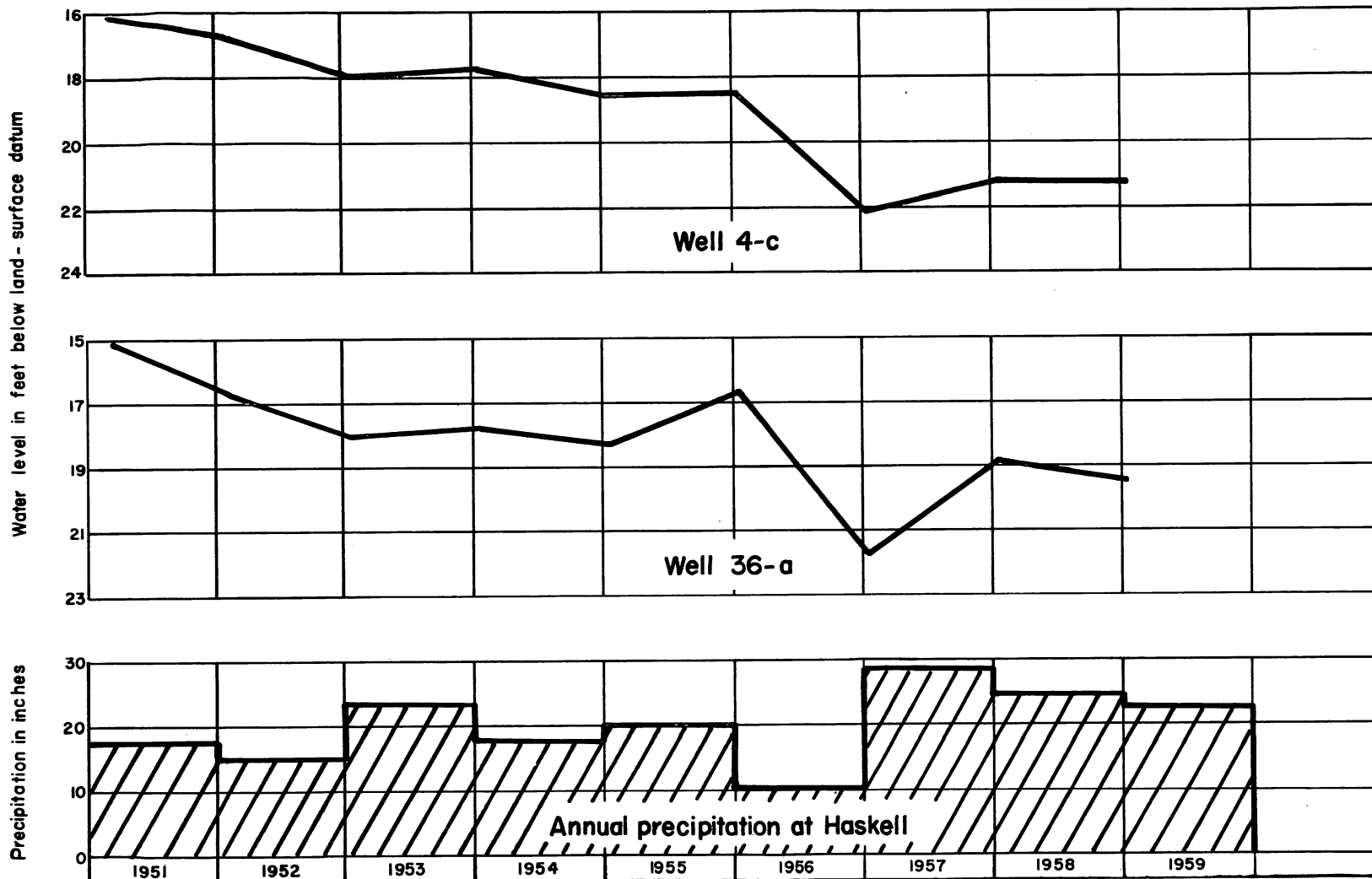


- 5 -

BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

OBSERVATION WELLS IN HASKELL COUNTY, TEXAS

- 9 -



GRAPHS SHOWING MEASURED WATER LEVELS IN TWO WELLS IN HASKELL COUNTY AND THE ANNUAL PRECIPITATION AT HASKELL, TEXAS

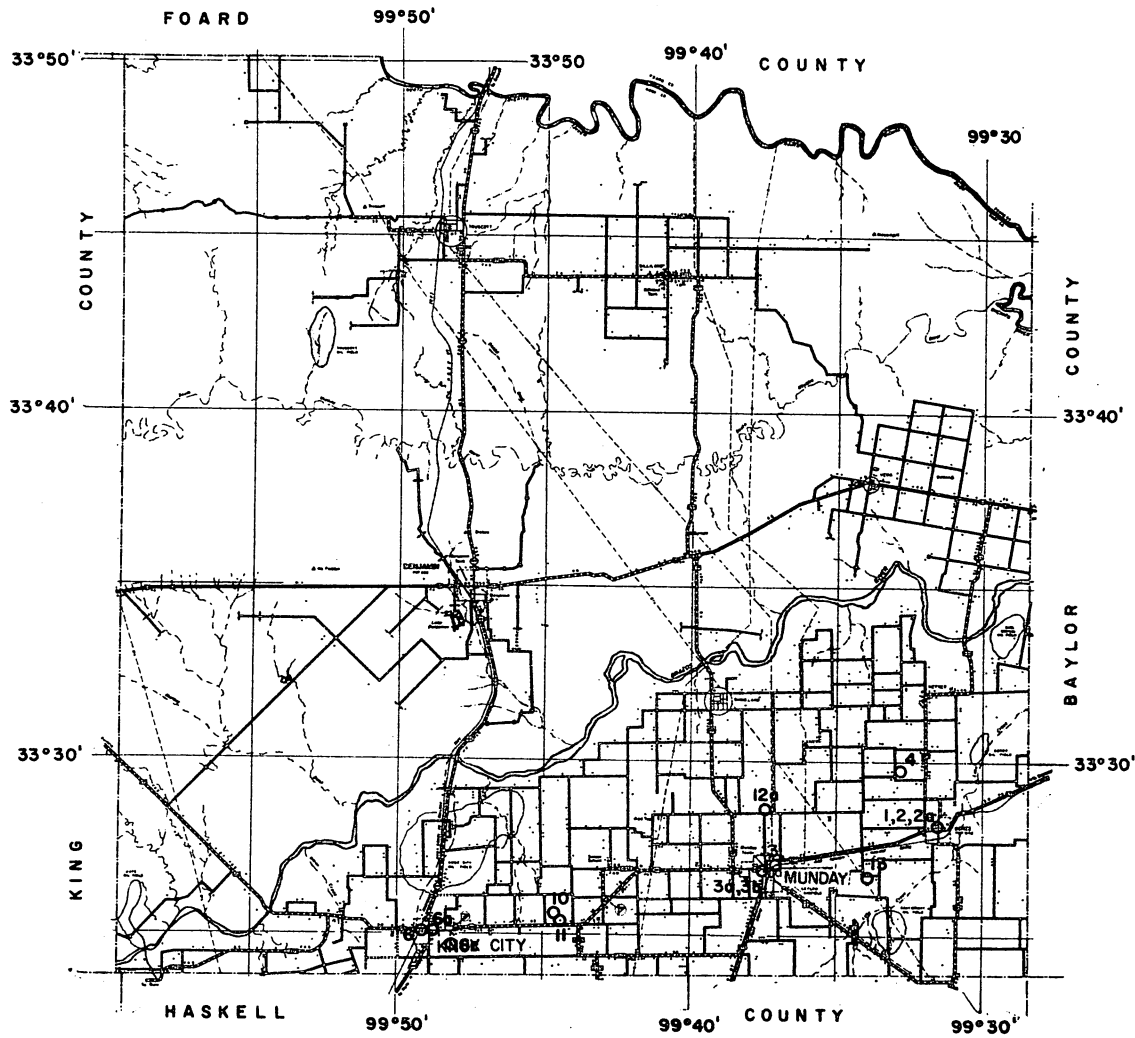
KNOX COUNTY

WATER-LEVEL MEASUREMENTS IN KNOX COUNTY

Water levels in feet below land-surface datum										
Well	1956		1957		1958		1959		1960	
	Date	Level	Date	Level	Date	Level	Date	Level	Date	Level
1	1/5	24.50	1/11	31.30	1/13	26.20				
2	1/5	23.80	1/11	29.40	1/13	25.86			1/18	26.37
2a	1/5	19.86	1/11	23.90	1/13	21.11			1/18	21.73
3	1/5	12.86	1/11	a21.45	1/13	15.48				
3a			1/11	b25.52					1/19	22.88
3b	1/5	b21.77	1/11	22.82						
4	5/25	36.42	1/11	38.16	1/11	35.98				
6	1/5	20.31	1/11	22.94	1/14	21.07				
6a	1/5	a29.31	1/11	32.84	1/14	31.03				
6c	1/5	29.97	1/11	31.20	1/14	31.08			1/19	33.20
10	1/5	26.58	1/11	a39.34	1/12	30.22				
11	1/5	24.20	1/11	29.99					1/19	34.83
12a	1/5	18.97			1/12	19.86	2/7	21.26	1/18	24.19
13	1/5	15.38			1/12	17.80	2/7	18.23	1/18	18.61

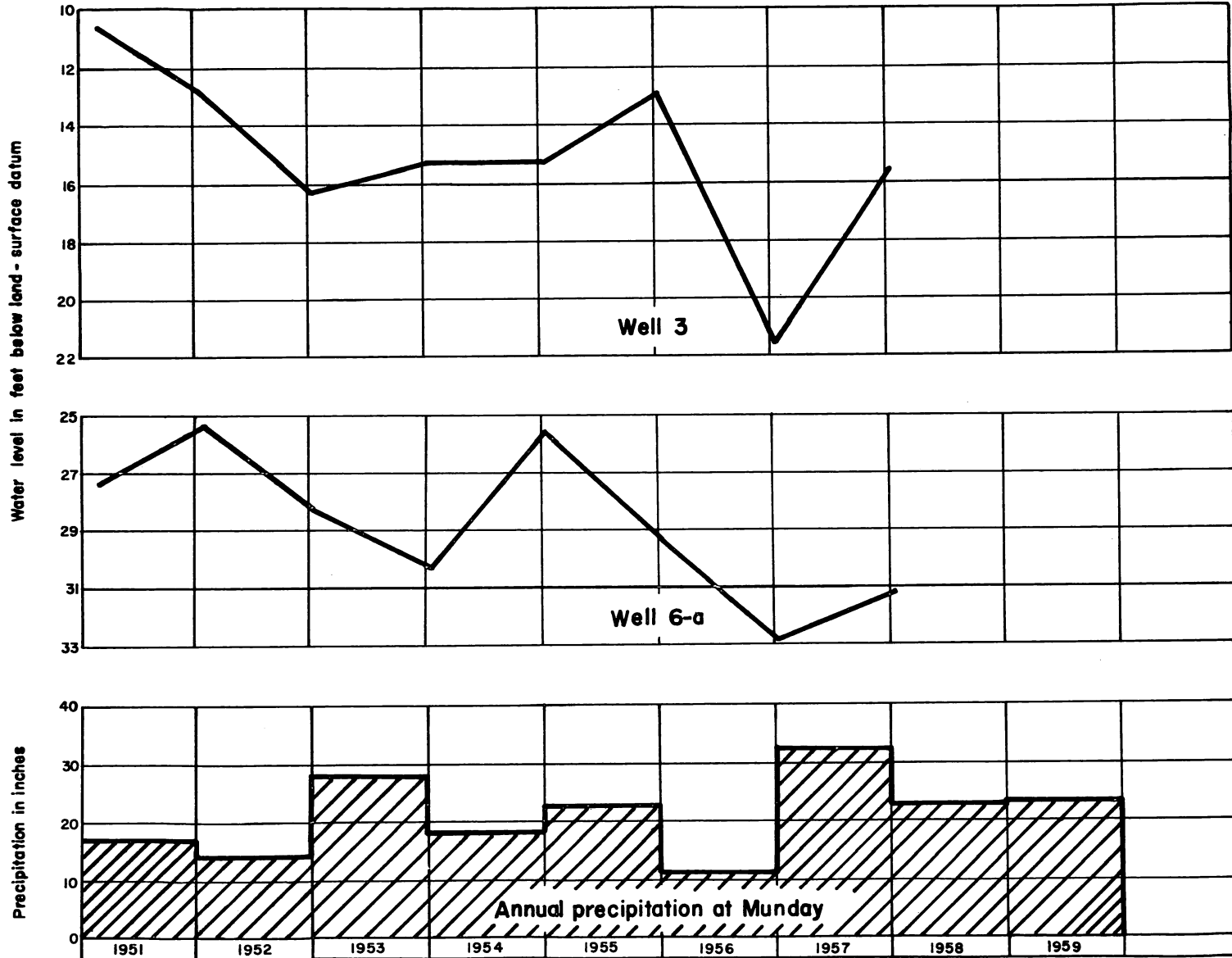
a Pumping

b Pumped recently



BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

OBSERVATION WELLS IN KNOX COUNTY, TEXAS



GRAPHS SHOWING MEASURED WATER LEVELS IN TWO WELLS IN KNOX COUNTY AND THE ANNUAL PRECIPITATION AT MUNDAY, TEXAS