

TEXAS BOARD OF WATER ENGINEERS

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BULLETIN 6011

WATER LEVELS IN OBSERVATION WELLS
SOUTHERN HIGH PLAINS, TEXAS
1959 AND 1960

Compiled by
Jack Stearman
Ground Water Division
Texas Board of Water Engineers

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

July 1960

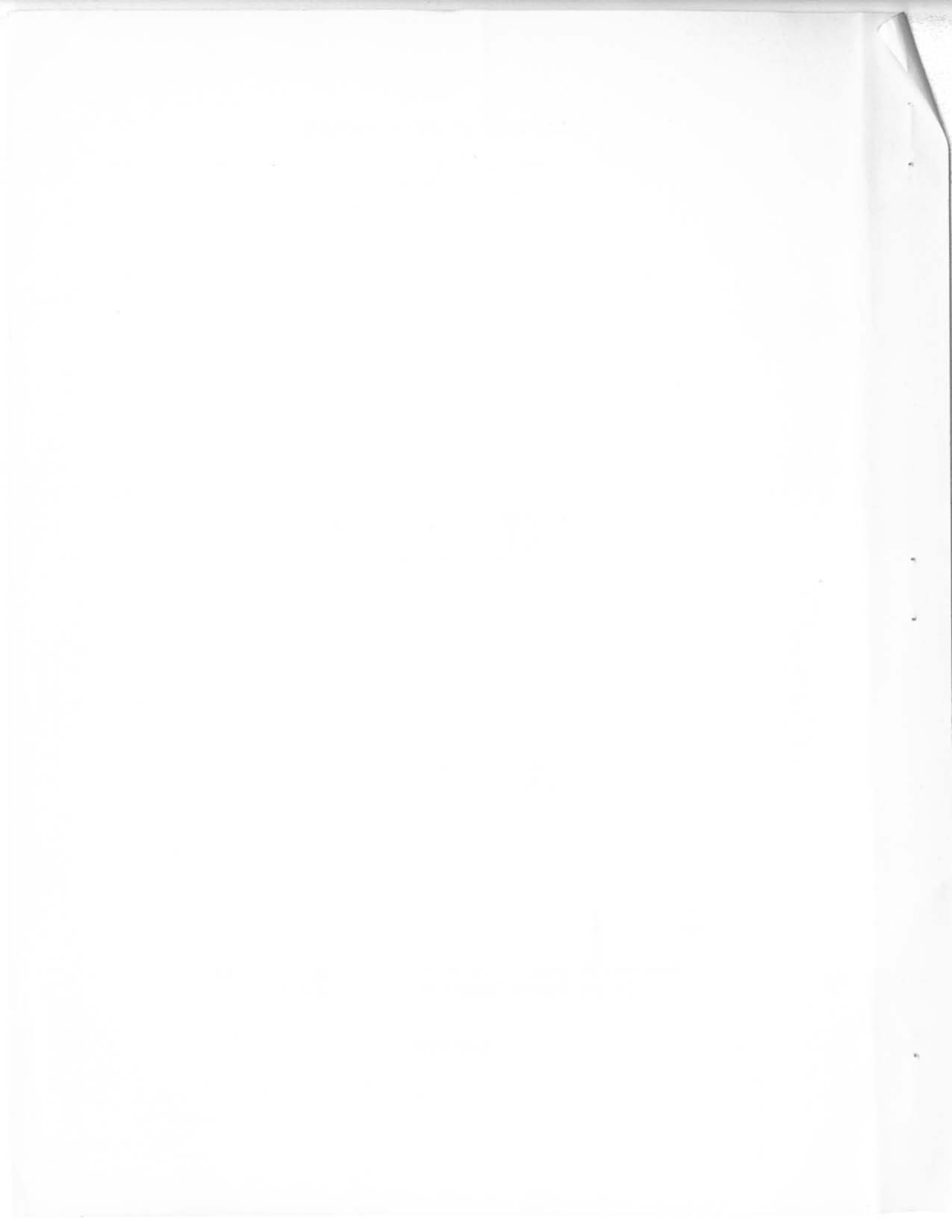
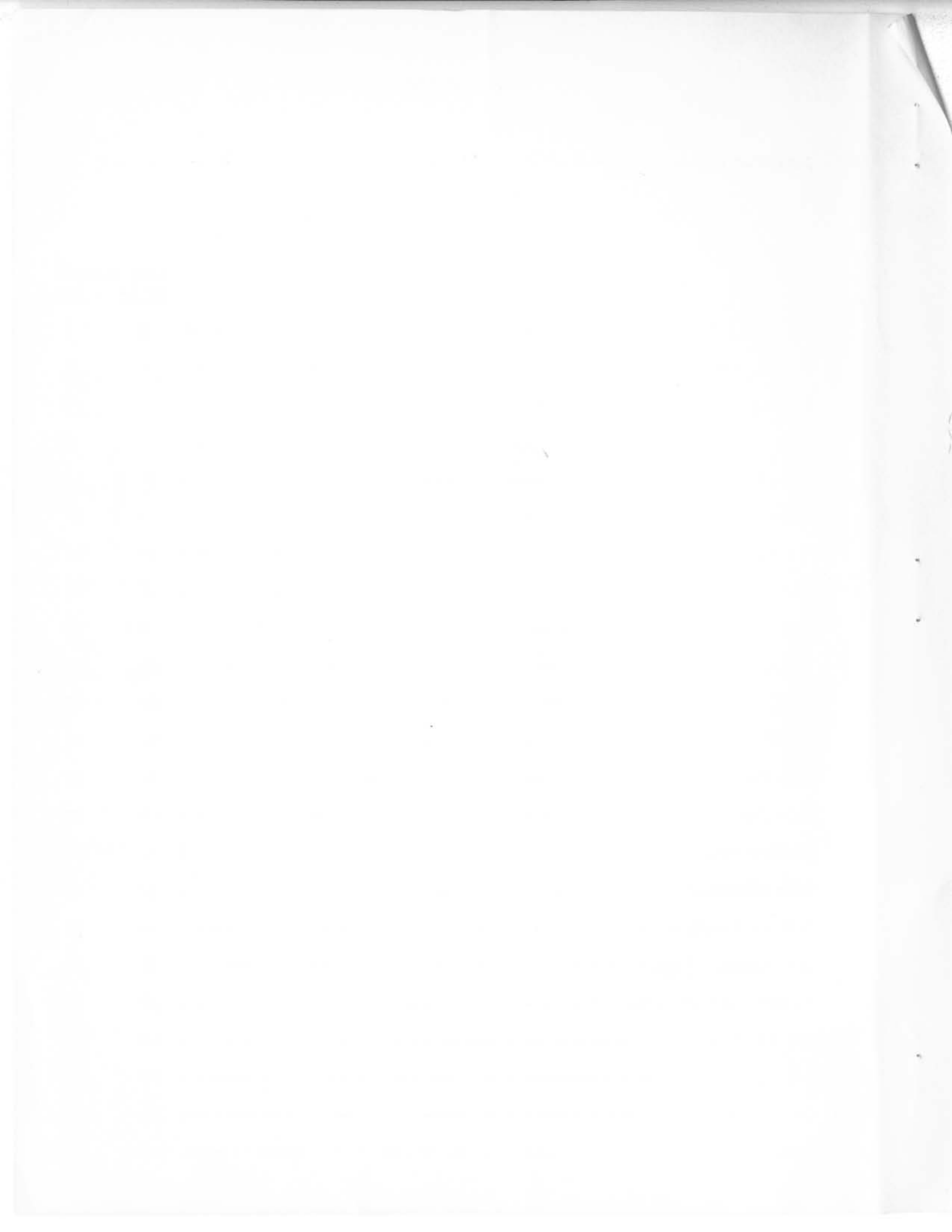


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WATER LEVELS IN OBSERVATION WELLS
SOUTHERN HIGH PLAINS, TEXAS
1959 AND 1960

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.

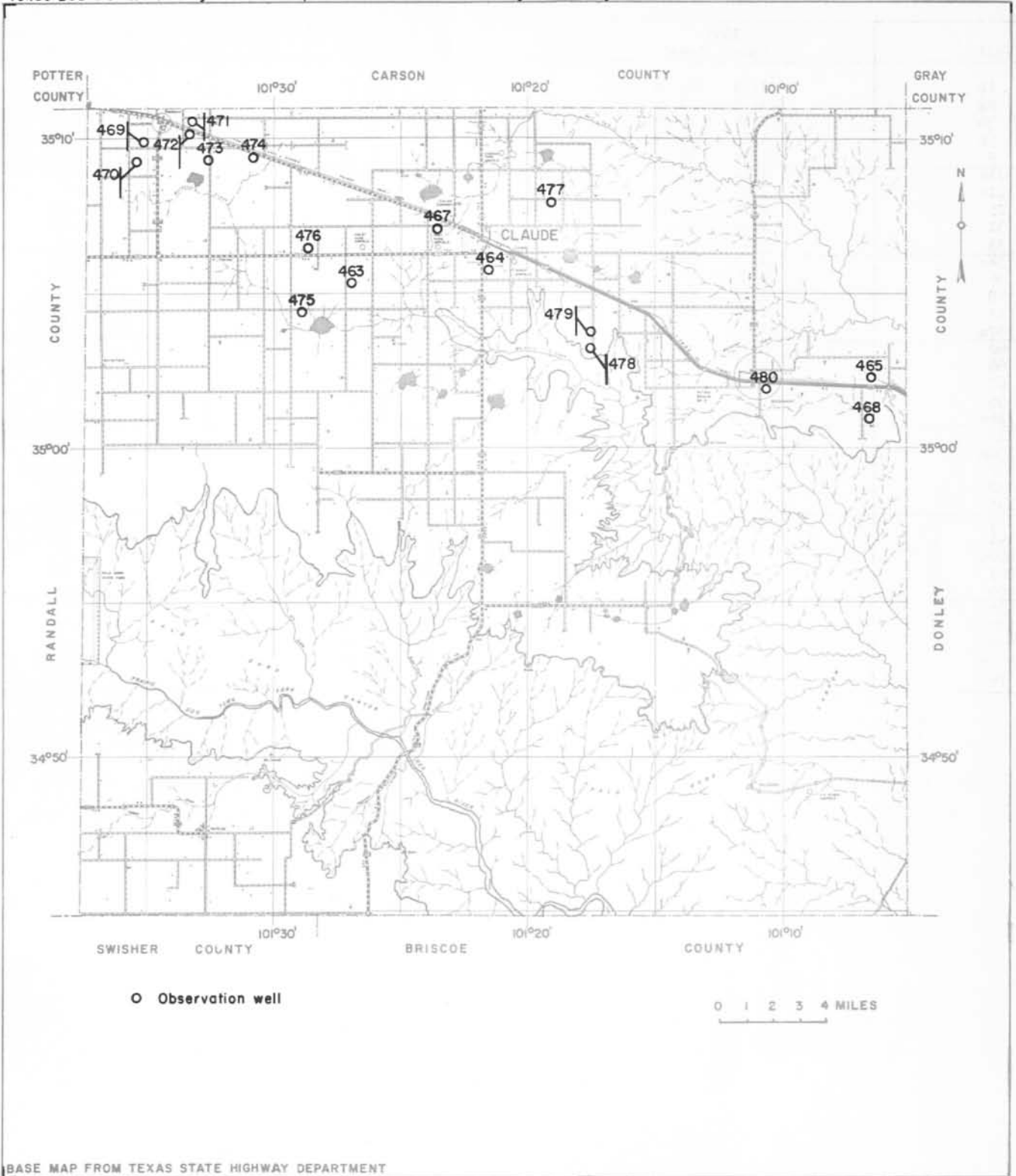
This bulletin contains water-level measurements made in observation wells in 23 counties of the Southern High Plains of Texas during 1959 and 1960. Changes in water levels from 1959 to 1960 are also shown in the tables.

An observation well location map faces the corresponding table of water-level measurements for each county.

The assistance of the High Plains Underground Water Conservation District No. 1 and the Panhandle Ground-Water Conservation District No. 3 South of the Canadian River, in the Southern High Plains observation well program, is gratefully acknowledged.

WATER-LEVEL MEASUREMENTS IN ARMSTRONG COUNTY
IN FEET BELOW LAND-SURFACE DATUM

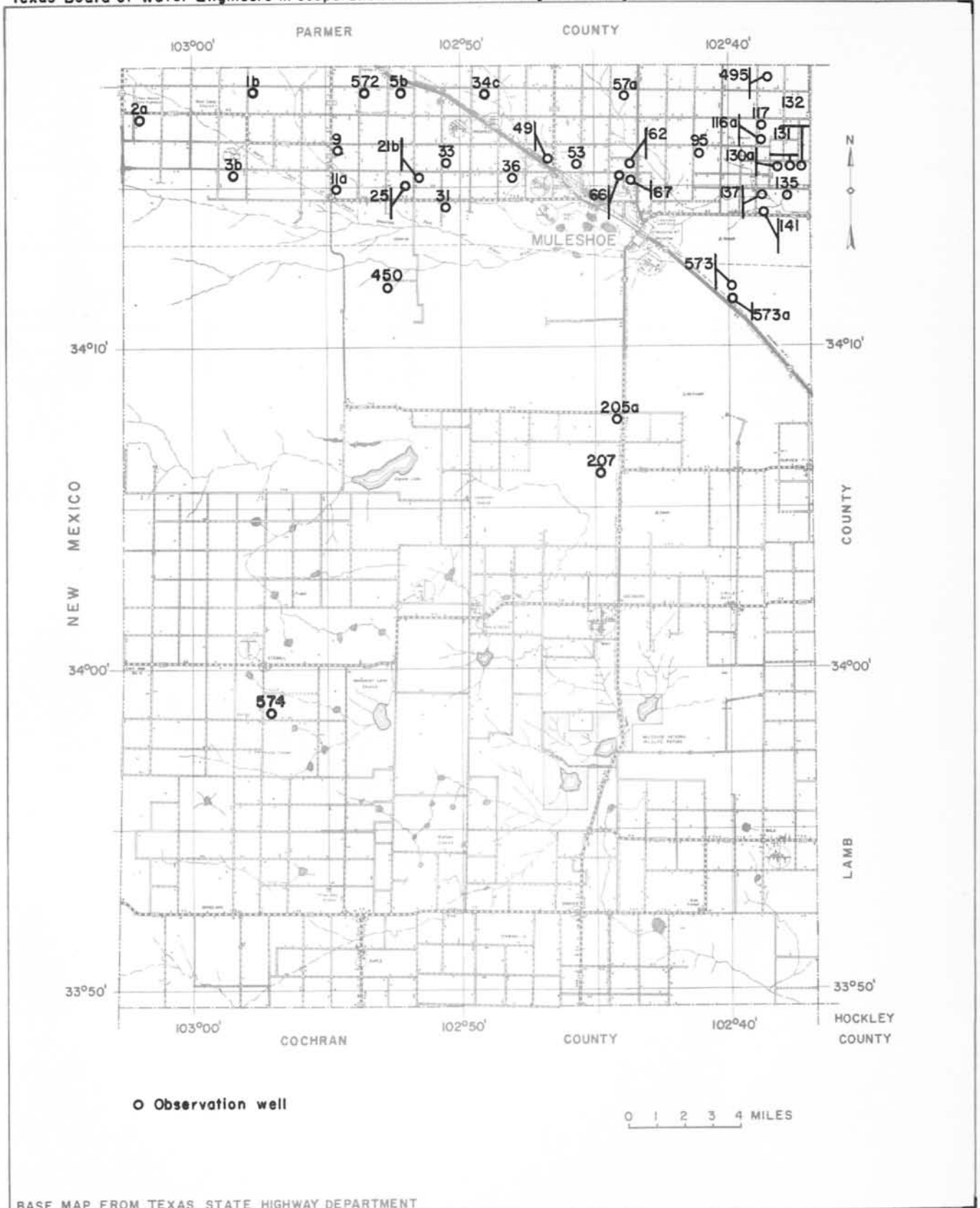
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
463	3/4	158.95	1/13	160.05	1.10
464	3/4	172.52	1/13	174.06	1.54
465	3/3	115.95	1/12	116.29	0.34
467	3/4	154.55	1/13	155.42	0.87
468	3/3	132.96	1/12	133.07	0.11
469	3/4	157.16	1/12	157.86	0.70
470	3/4	179.48	1/12	180.77	1.29
471	3/4	190.96	1/12	192.08	1.12
472	3/4	187.51	1/12	190.16	2.65
473	3/4	154.08	1/12	154.89	0.81
474	3/4	144.02	1/12	145.34	1.32
475	3/4	152.62	1/13	153.29	0.67
476	3/4	154.14	1/13	154.98	0.84
477	3/4	297.74	1/12	297.73	+0.01
478	3/3	159.69	--	--	--
479	3/3	174.88	1/12	175.51	0.63
480	3/3	188.06	1/12	187.48	+0.58



ARMSTRONG COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN BAILEY COUNTY
IN FEET BELOW LAND-SURFACE DATUM

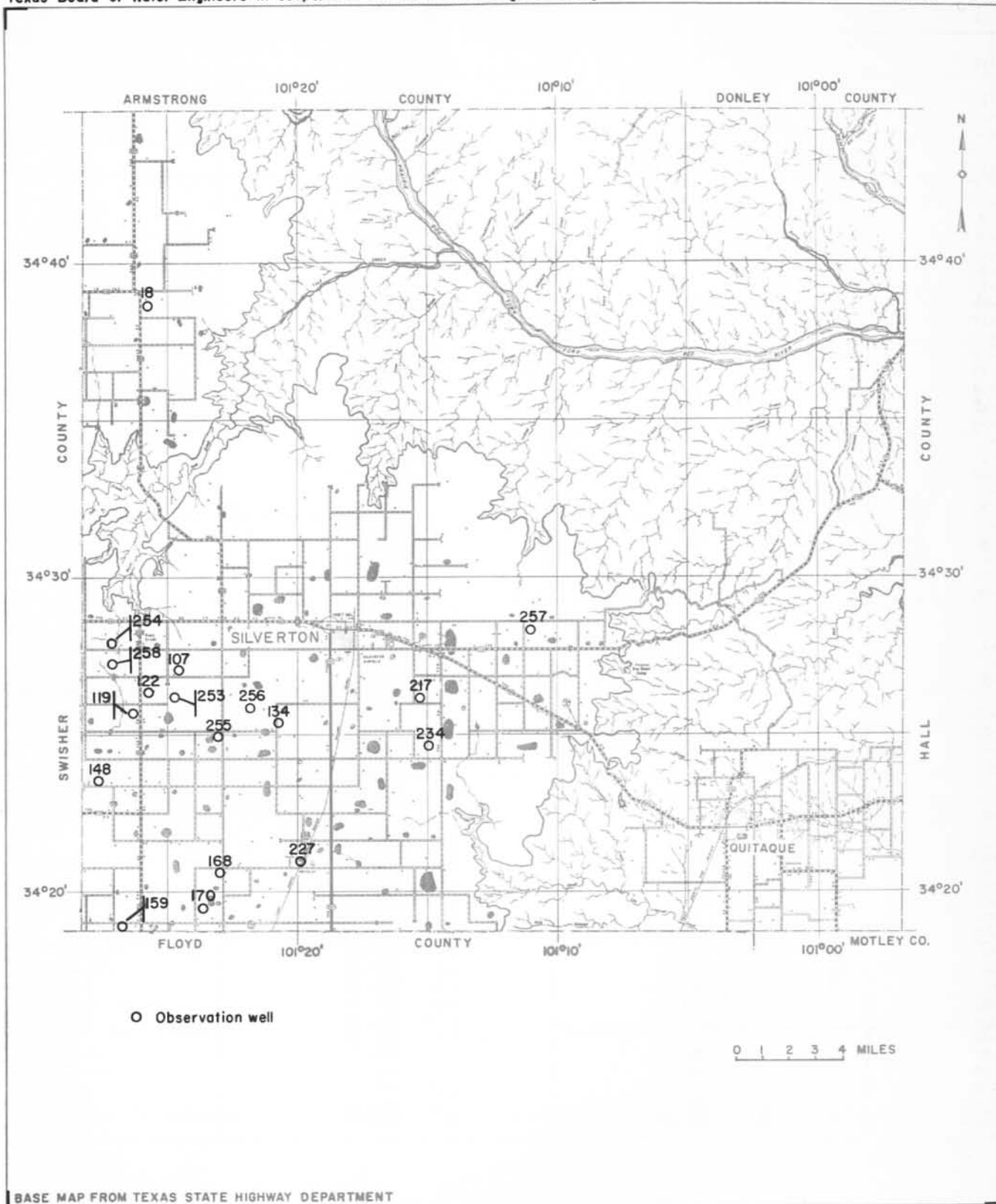
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
1b	1/14	114.80	1/4	116.63	1.83
2a	1/14	109.06	1/4	110.59	1.53
3b	1/14	68.32	1/4	69.14	0.82
5b	1/13	95.94	1/4	98.22	2.28
9	1/14	78.02	1/4	79.02	1.00
11a	1/14	56.70	1/4	59.16	2.46
21b	1/14	63.56	--	--	--
25	1/14	59.64	1/4	62.29	2.65
31	1/14	47.63	1/4	49.92	2.29
33	--	--	1/6	76.09	--
34c	1/13	89.86	1/4	92.28	2.42
36	1/14	52.49	1/6	56.73	4.24
49	1/13	53.67	--	--	--
53	1/13	60.14	1/6	62.20	2.06
57a	1/13	78.36	1/4	81.12	2.76
62	1/13	69.50	1/4	71.38	1.88
66	1/13	66.75	1/4	68.65	1.90
67	--	--	1/6	66.48	--
95	--	--	1/6	61.59	--
116a	1/13	61.76	1/6	63.89	2.13
117	1/13	71.82	--	--	--
130a	1/13	57.82	1/6	59.48	1.66
131	1/13	59.87	1/6	59.89	0.02
132	1/13	59.32	1/6	61.40	2.08
135	1/13	50.52	1/6	56.37	5.85
137	1/13	46.74	--	--	--
141	1/13	43.42	1/6	45.67	2.25
205a	1/14	71.90	1/6	74.05	2.15
207	1/14	88.34	1/21	89.80	1.46
450	1/14	37.28	1/4	38.18	0.90
495	1/13	88.84	--	--	--
572	1/13	104.13	1/4	105.03	0.90
573	1/8	27.57	1/6	27.72	0.15
573a	1/8	29.45	1/6	29.21	+0.24
574	1/14	198.30	--	--	--



BAILEY COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN BRISCOE COUNTY
IN FEET BELOW LAND-SURFACE DATUM

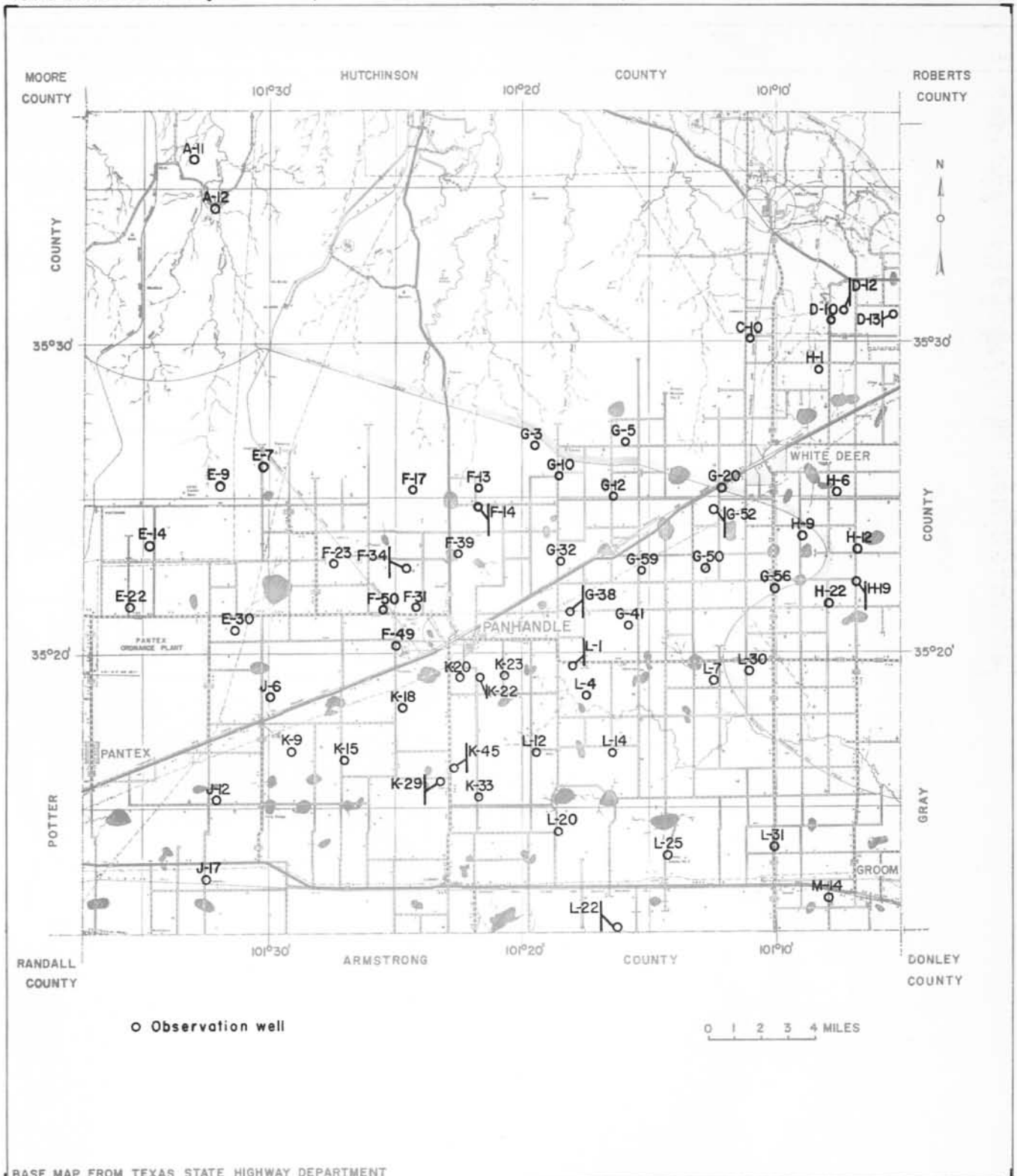
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
18	1/9	103.67	1/26	104.92	1.25
107	1/9	89.83	--	--	--
119	1/9	117.85	1/26	123.40	5.55
122	1/9	106.25	1/26	111.88	5.63
134	1/9	106.94	1/26	110.52	3.58
148	1/9	104.48	1/26	104.09	+0.39
159	1/9	125.05	1/26	131.90	6.85
168	1/9	124.23	1/26	129.86	5.63
170	1/9	122.16	1/26	126.01	3.85
217	1/9	142.39	1/26	144.52	2.13
227	--	--	1/26	87.60	--
234	1/9	129.74	1/26	133.72	3.98
253	1/9	105.48	1/26	109.36	3.88
254	1/9	84.39	1/26	88.28	3.98
255	1/9	113.35	1/26	121.00	7.65
256	1/9	98.67	1/26	102.08	3.41
257	1/9	180.59	1/26	186.04	5.45
258	1/9	96.92	1/26	99.55	2.63



BRISCOE COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN CARSON COUNTY
IN FEET BELOW LAND-SURFACE DATUM

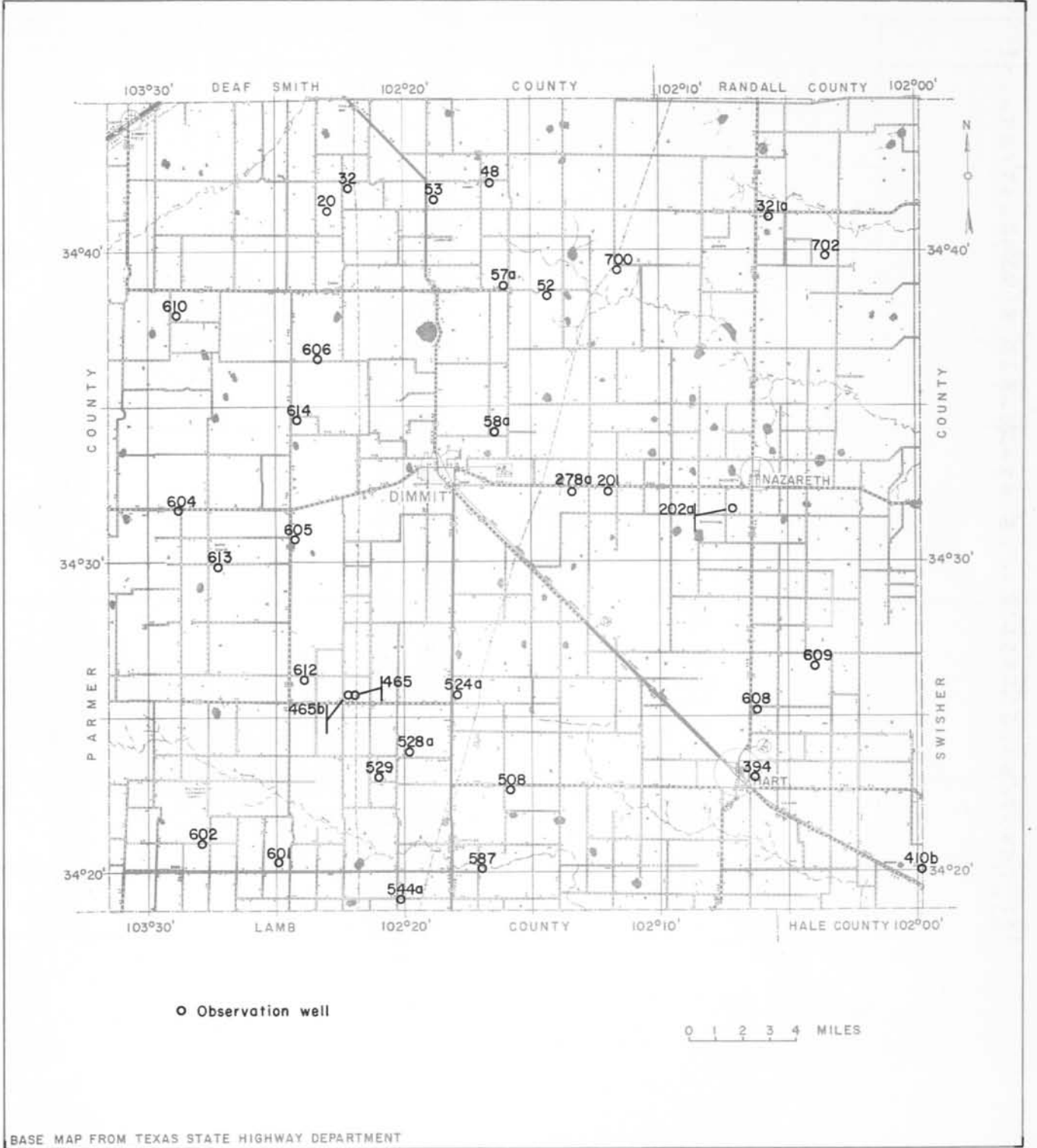
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
A-11	2/17	78.86	2/25	79.16	0.30
A-12	2/17	49.16	2/25	48.97	+0.19
C-10	1/28	372.26	2/12	373.04	0.78
D-10	2/6	384.71	1/7	385.34	0.63
D-12	2/12	386.65	1/7	387.77	1.12
D-13	2/10	368.41	2/19	368.38	0.03
E-7	2/16	380.33	1/13	382.84	2.51
E-9	2/16	388.10	2/18	391.66	3.56
E-14	2/16	400.84	2/15	405.95	5.11
E-22	2/16	409.03	2/15	411.84	2.81
E-30	2/16	361.67	2/12	363.67	2.00
F-13	2/18	330.30	1/21	332.17	1.87
F-14	2/14	330.89	1/21	331.62	0.73
F-17	--	--	2/12	343.55	--
F-23	2/16	348.00	1/15	349.16	1.16
F-31	--	--	2/11	340.70	--
F-34	3/6	342.16	2/18	343.78	1.62
F-39	2/18	331.00	2/12	332.62	1.62
F-49	2/18	338.90	1/21	340.41	1.51
F-50	--	--	1/15	333.34	--
G-3	1/28	321.31	2/12	323.17	1.86
G-5	1/28	307.45	1/20	309.65	2.20
G-10	2/18	323.78	1/20	325.10	1.32
G-12	1/28	310.52	1/20	313.39	2.87
G-20	2/13	285.08	2/11	286.65	1.57
G-32	2/18	327.16	1/20	329.68	2.52
G-38	2/19	316.08	1/21	317.32	1.24
G-41	2/23	299.30	2/19	300.29	0.99
G-50	2/13	294.75	2/11	296.53	1.78
G-52	2/13	291.47	2/11	293.05	1.58
G-56	--	--	1/20	301.58	--
G-59	2/13	308.18	2/11	309.81	1.63
H-1	2/13	383.42	2/19	384.11	0.69
H-6	2/13	281.64	1/25	283.00	1.36
H-9	2/13	285.80	1/25	287.06	1.26
H-12	2/13	287.32	1/25	289.10	1.78
H-19	2/13	297.39	1/25	298.35	0.96
H-22	2/13	294.28	2/15	295.34	1.06
J-6	2/16	363.42	2/15	366.26	2.84
J-12	2/18	224.65	1/13	224.78	0.13
J-17	2/18	196.90	1/13	199.88	2.98
K-9	2/18	339.84	2/12	341.55	1.71
K-15	2/18	334.42	1/21	335.95	1.53
K-18	--	--	2/25	338.77	--
K-20	--	--	2/12	342.27	--
K-22	2/19	335.40	1/21	336.52	1.12
K-23	--	--	1/21	322.38	--
K-29	2/19	334.73	1/21	335.78	1.05
K-33	--	--	1/21	329.74	--
K-45	2/19	331.83	1/21	332.90	1.07
L-1	2/18	302.14	1/21	302.42	0.28
L-4	2/19	299.90	1/20	300.16	0.26
L-7	2/13	282.21	1/20	283.33	1.12
L-12	2/19	324.82	1/21	327.18	2.36
L-14	2/19	301.84	2/18	303.52	1.68
L-20	--	--	2/11	334.30	--
L-22	2/23	322.87	2/11	322.67	+0.20
L-25	2/23	305.55	2/11	305.05	+0.50
L-30	2/13	275.95	1/20	277.24	1.29
L-31	2/9	284.69	1/20	285.47	0.78
M-14	2/25	277.63	1/20	278.17	0.54



CARSON COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN CASTRO COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
20	1/14	107.38	2/10	117.28	9.90
32	1/13	98.81	2/10	102.47	3.66
48	--	--	2/10	93.85	--
52	1/14	99.50	2/10	96.54	+2.96
53	--	--	2/10	106.24	--
57a	1/14	118.85	2/10	124.15	5.30
58a	1/14	170.67	2/10	178.62	7.95
201	1/8	178.85	1/4	191.96	13.11
202a	1/8	172.49	1/4	175.25	2.76
278a	1/8	186.99	1/4	198.34	11.35
321a	1/19	174.13	2/11	175.59	1.46
394	1/8	123.98	1/4	127.82	3.84
410b	1/8	103.20	1/4	106.48	3.28
465	1/7	122.44	1/4	123.08	0.64
465b	1/7	121.64	1/4	124.58	2.94
508	1/7	106.90	1/4	114.29	7.39
524a	1/7	106.70	1/4	109.19	2.49
528a	1/7	118.20	1/4	126.56	8.36
529	1/7	119.66	1/4	120.20	0.54
544a	1/7	127.48	1/4	133.25	5.77
587	1/7	47.86	1/4	50.22	2.36
601	--	--	1/4	138.24	--
602	1/7	129.07	1/4	136.97	7.90
604	1/7	188.80	1/4	198.73	9.93
605	1/7	171.78	1/4	174.07	2.29
606	1/14	184.68	2/10	188.39	3.71
608	1/8	127.92	1/4	131.60	3.68
609	1/8	157.26	--	--	--
610	--	--	2/10	159.03	--
612	1/7	108.17	1/4	113.88	5.71
613	1/7	146.73	1/4	150.30	3.57
614	1/7	187.99	2/10	191.08	3.09
700	1/19	150.10	2/11	149.92	+0.18
702	1/19	151.48	2/11	160.77	9.29

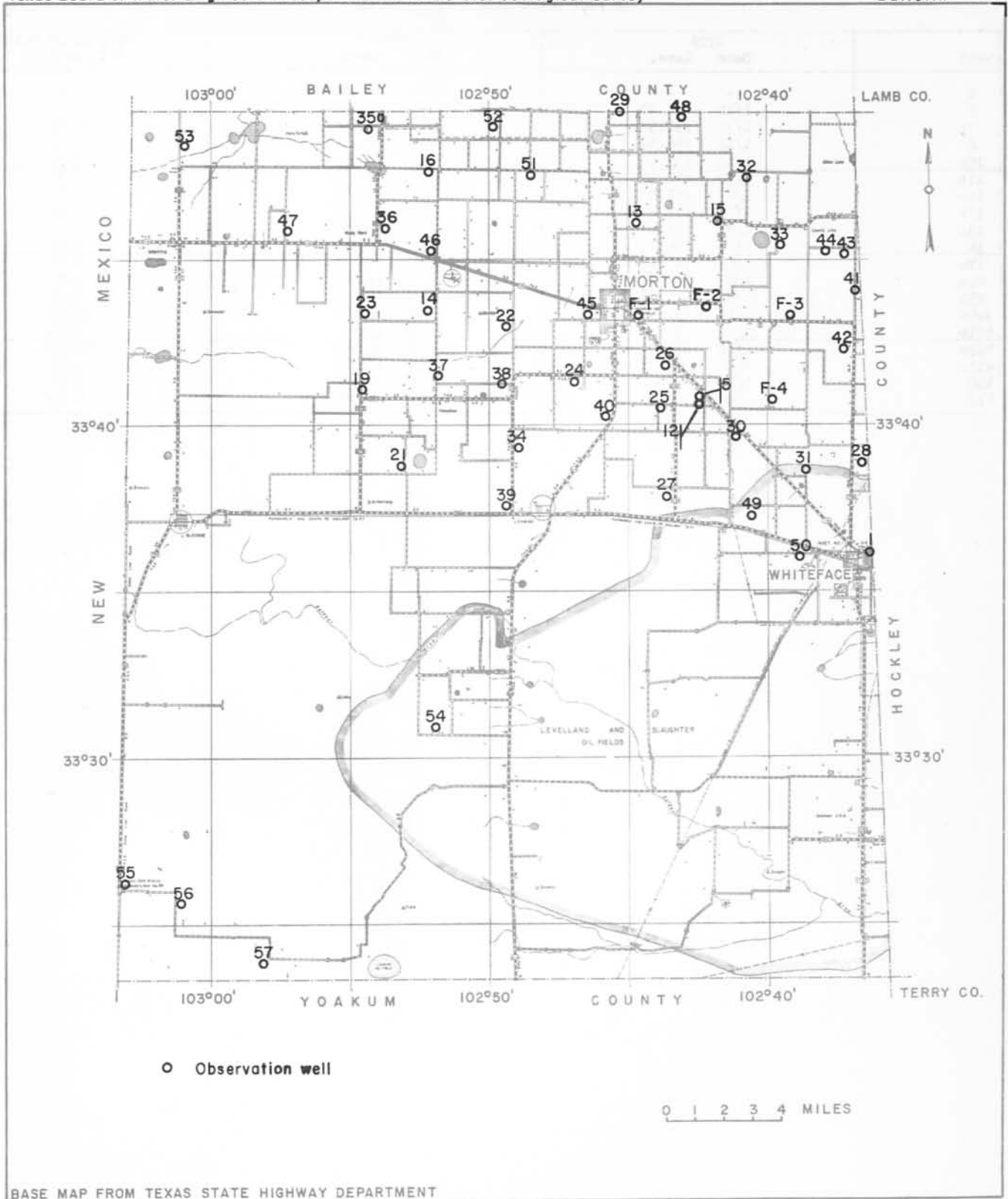


BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

CASTRO COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN COCHRAN COUNTY
IN FEET BELOW LAND-SURFACE DATUM

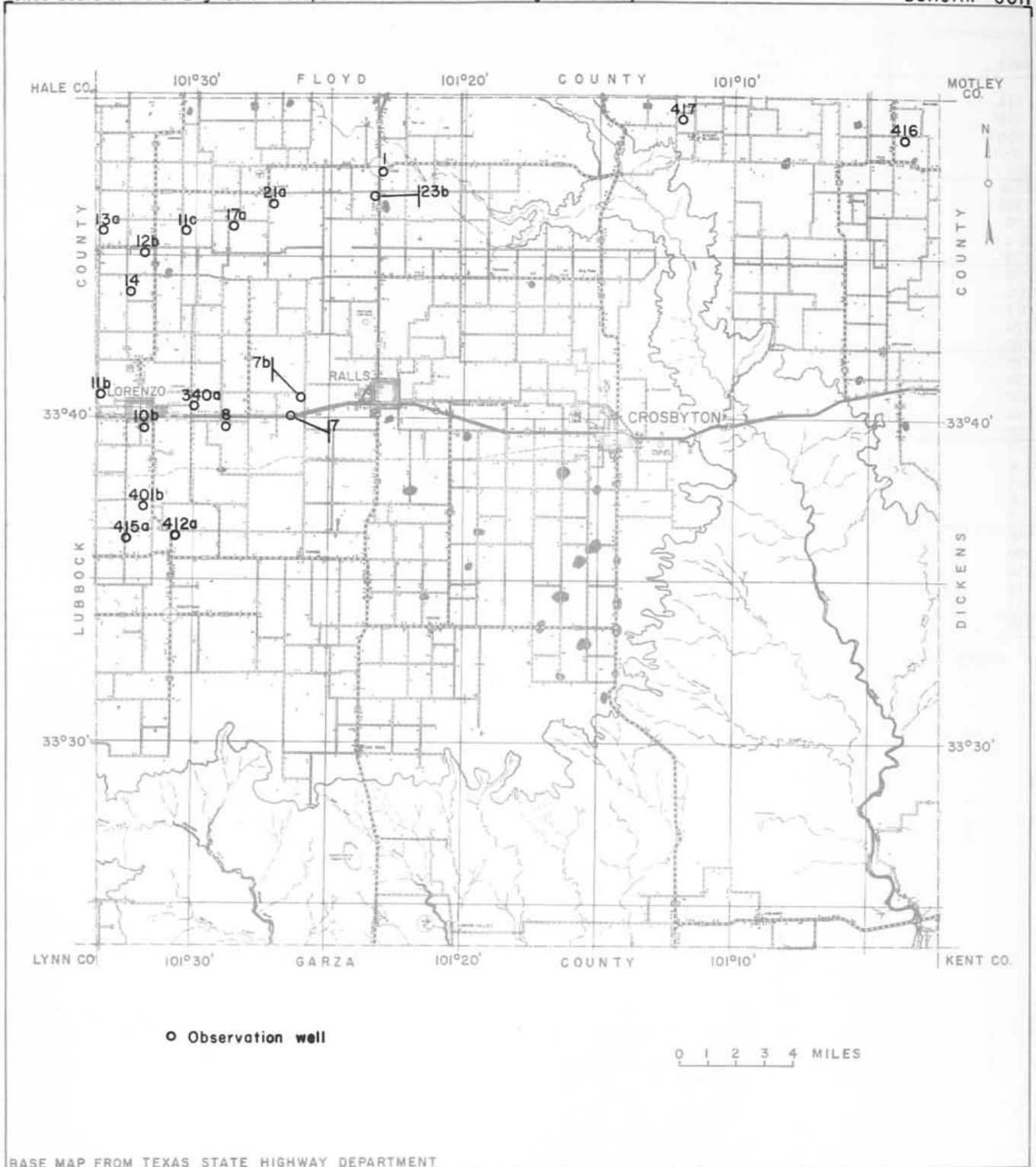
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
1	1/9	149.19	1/15	149.90	0.71
5	1/9	138.67	--	--	--
12	1/9	148.30	1/19	150.55	2.25
13	1/13	123.75	1/15	121.79	+1.96
14	1/9	139.95	1/19	141.98	2.03
15	--	--	1/15	103.72	--
16	1/9	106.22	1/15	107.17	0.95
19	1/9	131.85	1/19	134.38	2.53
21	1/9	157.40	1/19	162.89	5.49
22	1/13	153.06	1/19	155.09	2.03
23	1/9	126.49	1/19	130.03	3.54
24	1/13	153.67	1/19	156.06	2.39
25	1/9	136.44	1/19	138.27	1.83
26	1/9	129.74	1/19	132.65	2.91
27	1/9	144.20	1/20	144.27	0.07
28	1/13	141.55	1/15	142.60	1.05
29	1/9	87.84	1/15	88.42	0.58
30	1/13	143.43	1/19	144.18	0.75
31	1/13	126.20	1/19	126.05	0.15
32	1/13	96.63	1/15	97.54	0.91
33	1/13	110.70	1/15	112.93	2.23
34	1/13	169.28	1/19	171.80	2.52
35a	1/9	103.55	1/15	105.93	2.38
36	1/9	92.89	1/15	94.18	1.29
37	1/9	135.00	1/19	137.56	2.56
38	1/13	180.20	1/19	181.70	1.50
39	1/13	162.35	1/19	163.43	1.08
40	1/13	118.60	1/19	117.45	+1.15
41	1/13	115.25	1/15	117.33	2.08
42	1/13	131.98	1/15	134.48	2.50
43	1/13	114.73	1/15	115.94	1.21
44	1/13	112.82	1/15	114.36	1.54
45	1/13	140.85	1/19	142.90	2.05
46	1/9	147.58	1/19	151.18	3.60
47	1/9	120.89	1/15	121.36	0.47
48	1/9	125.65	1/15	127.81	2.16
49	1/9	169.10	1/19	170.48	1.38
50	1/9	176.05	1/19	176.93	0.88
51	1/9	94.10	1/15	94.37	0.27
52	1/9	87.54	1/15	87.90	0.36
53	1/9	57.94	1/15	57.68	0.26
54	1/14	181.63	1/20	181.33	0.30
55	1/14	135.91	1/20	136.17	0.26
56	1/14	144.02	1/20	144.00	+0.02
57	1/14	130.40	1/20	130.54	0.14
F-1	1/13	127.55	1/19	128.80	1.25
F-2	1/13	135.46	1/15	136.72	1.26
F-3	1/13	149.86	--	--	--
F-4	1/13	141.17	1/19	143.03	1.86



COCHRAN COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN CROSBY COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
1	--	--	1/25	161.07	--
7	1/12	157.30	--	--	--
7b	1/12	191.35	1/25	205.90	14.55
8	1/12	140.54	1/25	147.56	7.02
10b	1/12	157.55	1/25	161.46	3.91
11b	1/12	140.95	1/25	144.67	3.72
11c	1/6	157.30	1/25	161.80	4.50
12b	1/6	173.25	1/25	174.27	1.02
13a	1/6	141.49	1/25	153.20	11.71
14	1/6	144.37	1/25	147.87	3.50
17a	1/6	148.76	1/25	153.18	4.42
21a	1/6	149.17	1/25	153.10	3.93
23b	1/6	157.76	1/25	161.95	4.19
340a	1/12	155.84	1/25	165.93	10.09
401b	1/12	126.58	1/25	131.87	5.29
412a	1/12	146.04	1/25	145.45	+0.59
415a	1/12	99.25	1/25	102.48	3.23
416	1/12	247.60	1/25	251.50	3.90
417	1/12	242.24	1/25	247.03	4.79

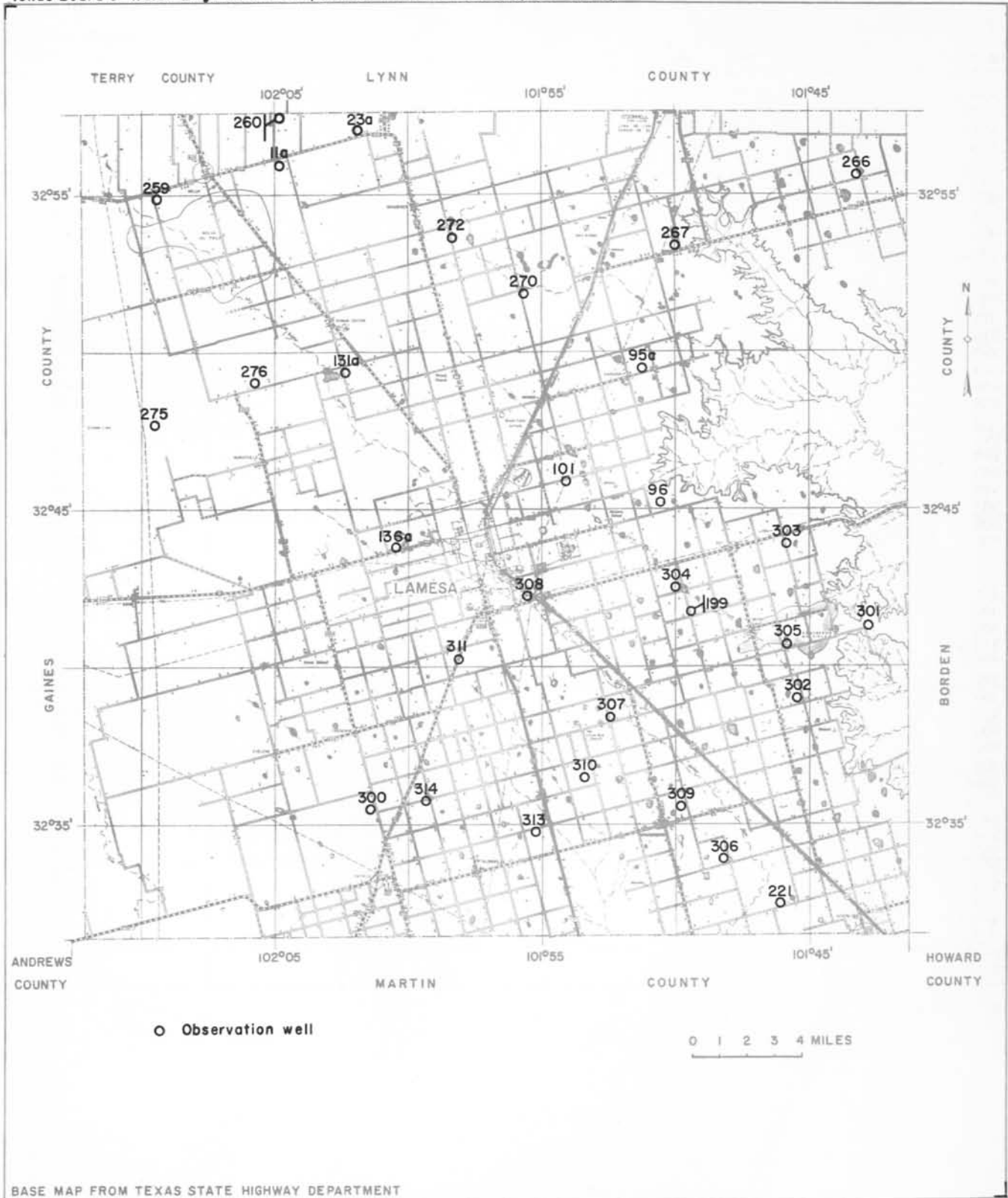


CROSBY COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN DAWSON COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
11a	1/21	69.09	1/12	70.29	1.20
23a	1/21	48.75	1/12	50.37	1.62
95a	1/21	104.92	1/12	108.53	3.61
96	1/22	130.10	--	--	--
101	1/21	131.15	1/12	130.97	+0.18
131a	1/21	97.83	1/13	98.84	1.01
136a	1/21	98.68	1/12	99.30	0.62
199	1/22	104.05	--	--	--
221	1/22	78.60	--	--	--
259	1/21	65.32	--	--	--
260	1/21	68.40	1/12	73.98	5.58
266	1/21	28.90	1/12	28.08	+0.82
267	1/21	36.05	1/12	36.76	0.71
270	1/21	24.73	1/12	24.28	+0.45
272	1/21	44.10	1/12	43.69	+0.41
275	1/21	87.04	1/13	86.84	+0.20
276	1/21	99.68	1/13	99.75	0.07
300	1/21	94.28	1/13	93.55	+0.73
301	1/22	144.57	1/13	146.54	1.97
302	1/22	108.45	--	--	--
303	1/22	150.63	1/13	152.28	1.65
304	1/22	98.51	1/13	99.49	0.98
305	1/22	116.10	1/13	116.99	0.89
306	1/22	91.78	--	--	--
307	1/21	71.30	1/13	70.04	+1.26
308	1/21	72.32	1/12	73.17	0.85
309	1/22	96.96	1/13	100.40	3.44
310	1/21	88.35	1/13	89.63	1.28
311	1/21	63.95	--	--	--
313	1/21	134.70	1/13	136.21	1.51
314	1/21	55.88	--	--	--

c nearby well pumping



DAWSON COUNTY, CHANGE IN WATER LEVELS

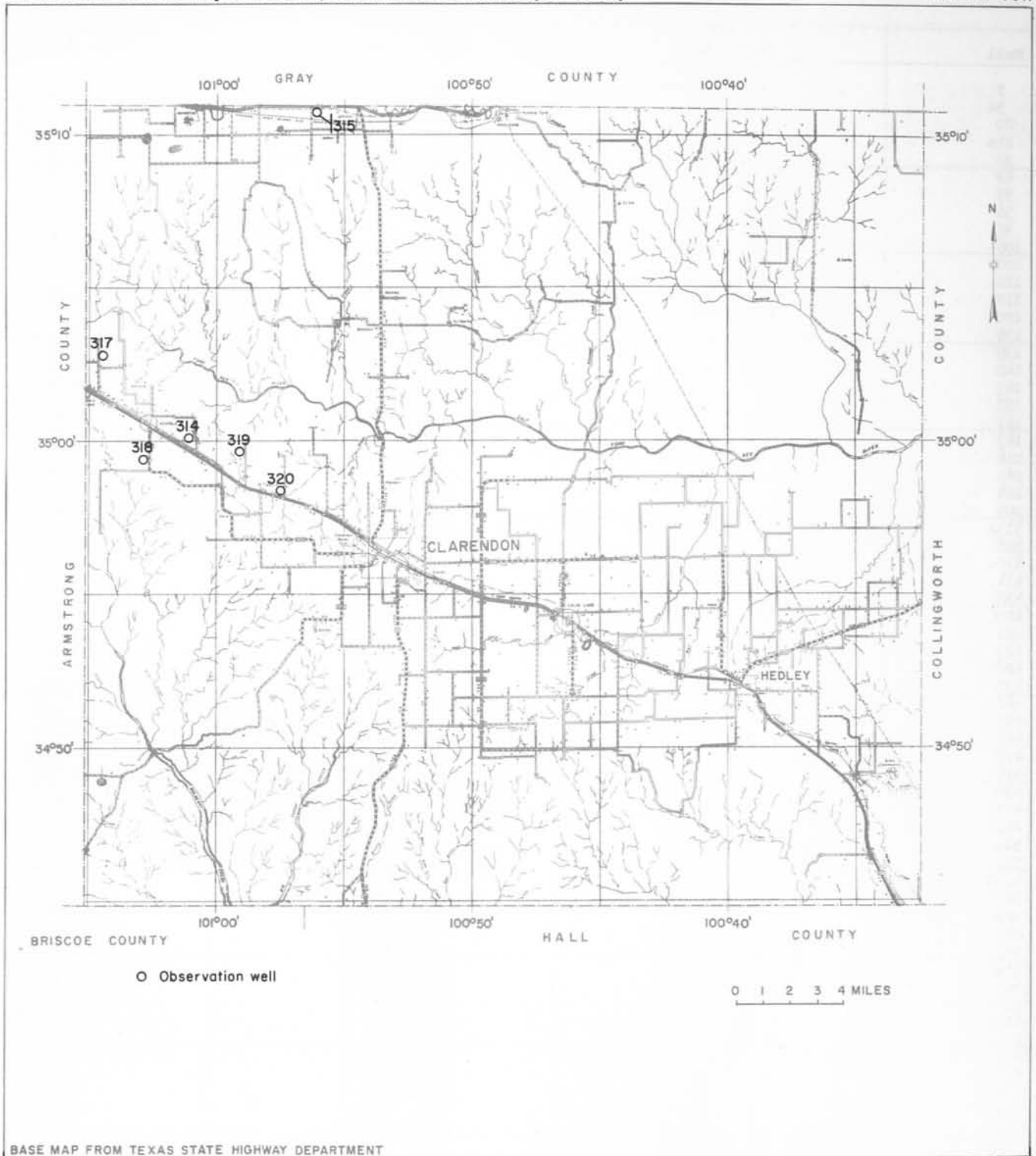
WATER-LEVEL MEASUREMENTS IN DEAF SMITH COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
59	--	--	3/9	222.50	--
72a	--	--	3/10	247.24	--
121a	1/18	143.40	2/12	134.59	+8.81
130a	--	--	3/9	159.93	--
140a	1/6	181.73	3/9	182.10	0.37
161	--	--	3/9	123.38	--
168	1/18	124.47	2/11	125.55	1.08
193	1/6	147.83	2/12	137.57	+10.26
201	1/6	136.70	2/12	133.08	+3.62
205	1/18	118.40	--	--	--
207	1/13	92.17	--	--	--
212	1/13	107.62	2/11	113.34	5.72
216	1/13	89.98	3/9	92.78	2.80
217	1/13	122.26	2/11	123.70	1.44
219	1/13	107.96	2/11	108.16	0.20
220	1/13	120.70	--	--	--
224	1/13	84.68	2/11	93.04	8.36
226	1/6	99.42	2/11	98.83	+0.59
235	1/13	73.56	2/11	70.86	+2.70
237	1/6	67.78	--	--	--
241	--	--	2/11	69.42	--
247	1/6	46.90	2/11	50.58	3.68
261	1/6	89.46	2/12	97.08	7.62
272	1/6	117.74	2/12	116.82	+0.92
283	1/13	88.66	3/8	91.29	2.63
288	1/6	110.14	2/12	111.26	1.12
302	1/13	66.54	2/11	68.72	2.18
305	1/13	129.26	3/8	130.34	1.08
311	--	--	2/11	87.24	--
315	1/5	88.76	2/11	97.30	8.54
322	1/14	111.95	2/11	104.18	+7.77
326	1/14	139.68	2/11	143.29	3.61
331	--	--	2/11	119.95	--
336	1/5	136.50	2/11	133.78	+2.72
342	1/5	118.12	2/11	119.69	1.57
394	1/8	106.86	2/11	100.33	+6.53
431b	1/13	99.75	3/8	101.80	2.05
486	1/18	122.01	3/8	122.85	0.84
500	1/2	385.85	--	--	--
502	1/13	149.35	3/8	148.40	+0.95
506a	1/13	105.80	3/8	107.16	1.36
513a	--	--	3/8	109.00	--
514	1/13	141.30	3/8	143.83	2.53
558	1/18	80.40	2/12	80.98	0.58
566	1/19	208.58	2/12	211.22	2.64
919	1/5	115.85	2/11	118.07	2.22
934	1/5	134.92	2/11	135.60	0.68
D-30	--	--	3/8	184.14	--
D-111	--	--	3/8	60.00	--
D-203	1/18	165.98	3/8	168.28	2.30
D-303	1/19	295.98	3/10	295.72	+0.26
D-306	1/18	246.63	3/10	246.77	0.14

a pumping

WATER-LEVEL MEASUREMENTS IN DONLEY COUNTY
IN FEET BELOW LAND-SURFACE DATUM

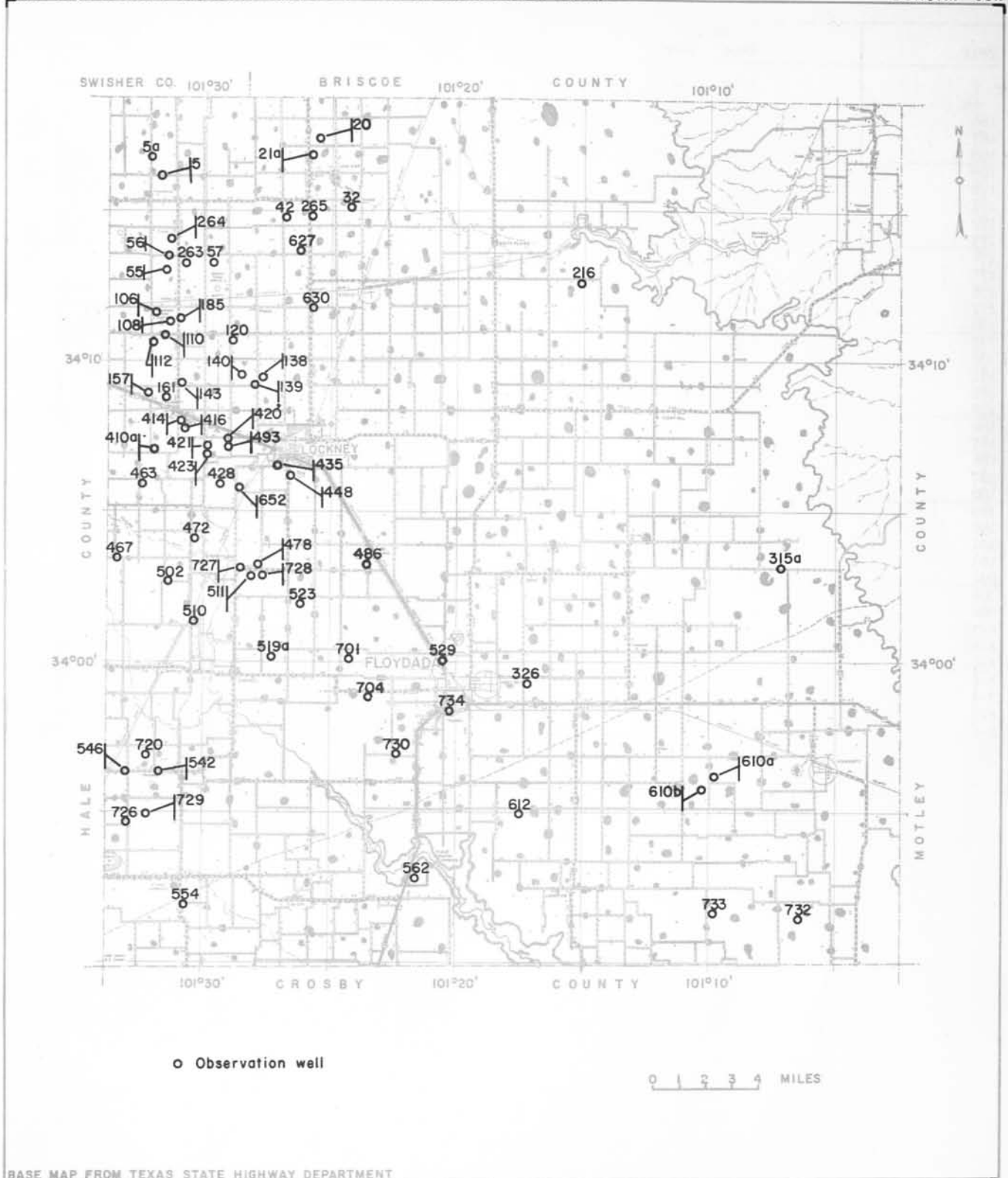
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
314	3/3	53.00	1/12	51.01	+1.99
315	3/11	317.62	1/29	311.70	+5.92
317	3/3	108.05	1/12	108.29	0.24
318	3/3	104.67	1/12	103.30	+1.37
319	3/3	91.50	1/12	91.93	0.43
320	3/3	30.05	1/12	31.18	1.13



DONLEY COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN FLOYD COUNTY
IN FEET BELOW LAND-SURFACE DATUM

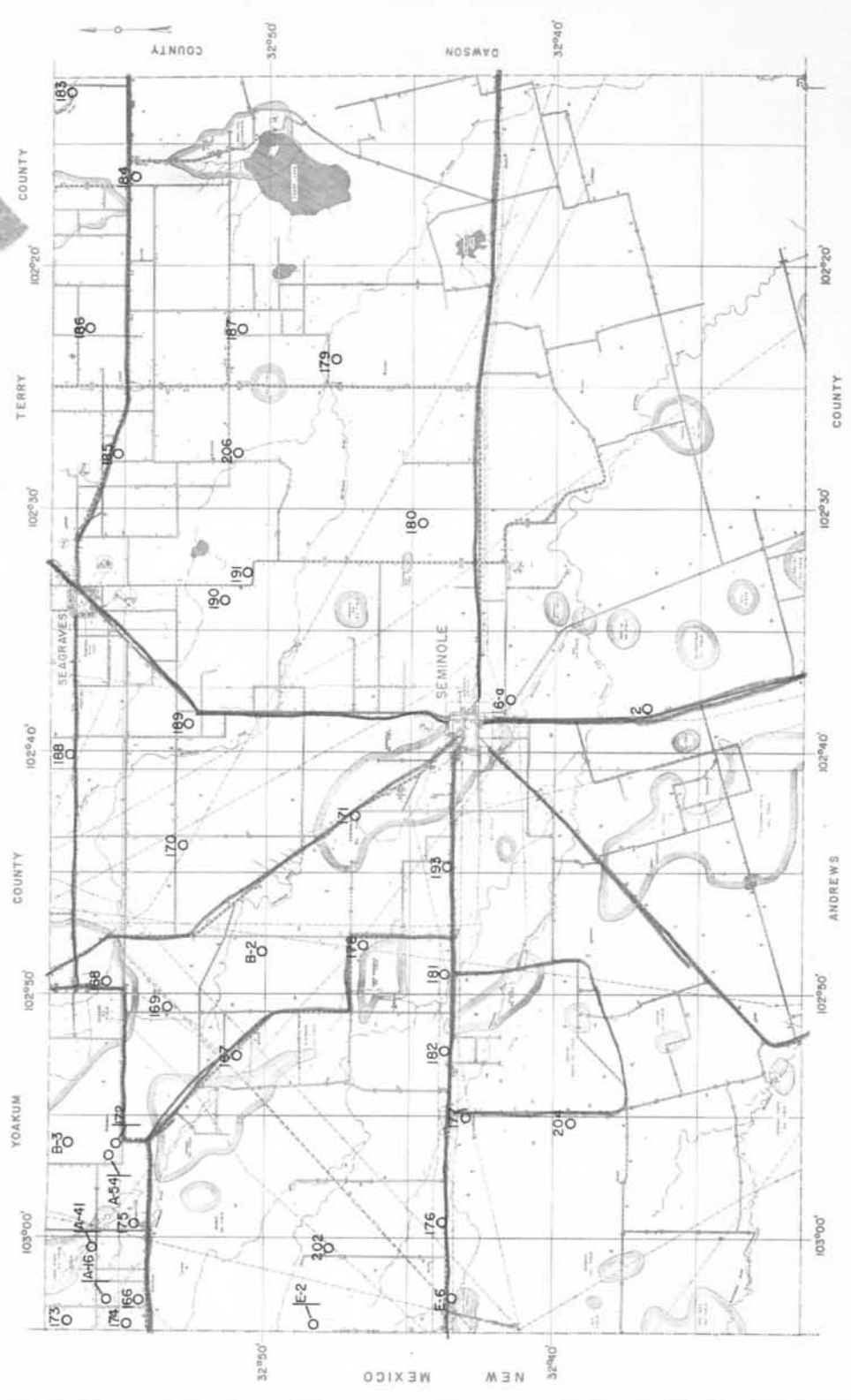
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
5	1/2	93.10	1/26	98.30	5.20
5a	1/2	86.70	1/26	91.80	5.10
20	1/5	124.61	1/26	128.60	3.99
21a	1/5	120.74	1/26	124.15	3.41
32	1/5	140.30	1/26	139.90	+0.40
42	1/5	121.77	1/26	120.28	+1.49
55	1/2	107.41	--	--	--
56	1/2	100.06	1/26	110.56	10.50
57	1/2	118.61	1/26	125.90	7.29
106	1/2	141.05	1/27	132.73	+8.32
108	1/2	126.00	1/27	131.50	5.50
110	1/2	122.12	--	--	--
112	1/2	109.50	1/27	115.10	5.60
120	1/2	144.63	--	--	--
138	--	--	1/27	142.38	--
139	1/2	135.80	1/27	140.65	4.85
140	1/2	127.40	1/27	131.49	4.09
143	1/2	141.93	1/27	144.23	2.30
157	1/2	134.60	--	--	--
161	1/2	134.50	1/27	140.75	6.25
185	1/2	130.48	1/27	136.43	5.95
216	1/5	215.55	--	--	--
263	1/2	126.60	1/26	135.29	8.69
264	1/2	103.90	1/26	105.88	1.98
265	1/5	123.40	1/26	126.65	3.25
315a	1/5	235.42	--	--	--
326	1/5	152.97	1/28	152.58	+0.39
410a	1/6	126.17	1/28	129.98	3.81
414	1/2	139.15	1/27	143.48	4.33
416	1/6	139.85	1/27	143.63	3.78
420	1/2	146.29	1/27	152.60	6.31
421	1/2	140.65	1/27	144.29	3.64
423	1/6	138.68	1/27	143.89	5.21
428	1/6	130.20	1/27	144.60	14.40
435	1/2	149.24	1/27	153.45	4.21
448	1/2	141.42	--	--	--
463	1/6	131.87	1/28	133.55	1.68
467	1/6	110.64	1/27	117.80	7.16
472	1/6	128.85	1/27	132.52	3.67
478	1/6	135.94	1/27	140.95	5.01
486	1/6	38.74	1/27	42.07	3.33
493	1/2	144.58	1/27	148.99	4.41
502	1/6	120.05	1/27	133.65	13.60
510	1/6	109.54	1/27	116.25	6.71
511	1/6	128.97	1/27	133.19	4.22
519a	1/6	134.00	1/28	137.12	3.12
523	1/6	143.74	1/27	148.49	4.75
529	1/2	113.68	1/28	115.00	1.32
542	1/5	135.64	1/28	145.66	10.02
546	1/5	130.69	1/28	138.93	8.24
554	1/1	129.82	1/1	135.72	5.90
562	1/5	168.40	1/28	178.70	10.30
610a	1/5	236.80	1/28	237.22	0.42
610b	1/5	234.69	1/28	239.36	4.67
612	1/5	178.09	1/28	180.15	2.06
627	--	--	1/26	129.65	--
630	1/5	151.42	1/27	154.46	3.04
652	1/6	134.72	1/27	139.03	4.31
701	1/6	133.24	1/28	139.58	6.34
704	1/6	142.68	1/28	150.79	8.11
720	1/5	127.22	1/28	134.17	6.95
726	1/5	108.70	1/28	111.08	2.38
727	1/6	127.14	1/27	132.58	5.44
728	1/6	134.37	1/27	140.24	5.87
729	1/5	129.11	1/28	138.98	9.87
730	1/5	163.13	1/28	168.93	5.80
732	1/5	259.81	1/28	259.10	+0.71
733	1/5	253.80	1/28	252.25	+1.55
734	1/5	147.01	1/28	146.14	0.87



FLOYD COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN GAINES COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
2	1/22	54.48	1/14	54.50	0.02
6a	1/22	42.75	1/14	43.50	0.75
166	1/21	62.70	1/13	63.87	1.17
167	1/21	61.00	1/13	61.94	0.94
168	1/21	83.80	1/13	75.63	+8.17
169	1/21	64.83	1/13	65.63	0.80
170	1/22	82.35	1/14	83.93	1.58
171	1/22	83.14	--	--	--
172	1/21	79.80	1/13	79.68	0.12
173	1/21	67.64	1/13	69.42	1.78
174	1/21	63.89	--	--	--
175	1/21	50.37	1/13	46.10	+4.27
176	1/21	54.44	1/13	53.48	+0.96
177	1/21	74.24	1/13	73.80	+0.44
178	1/21	71.00	1/13	69.85	+1.15
179	1/22	44.71	1/14	45.00	0.29
180	1/22	55.60	1/14	59.50	3.90
181	1/21	73.25	1/13	71.50	+1.75
182	1/21	79.81	1/13	77.77	+2.04
183	1/22	50.15	1/14	53.25	3.10
184	1/22	96.97	1/14	97.90	0.93
185	1/22	62.15	1/14	63.50	1.35
186	1/22	89.13	--	--	--
187	1/22	28.63	1/14	29.43	0.80
188	1/21	99.82	1/14	98.40	+1.42
189	1/22	121.81	1/14	122.60	0.79
190	1/21	67.98	--	--	--
191	1/22	81.26	1/14	81.67	0.41
193	1/21	74.57	1/14	75.93	1.36
202	1/21	45.83	1/13	46.44	0.61
204	1/21	61.25	1/13	64.90	3.65
206	1/22	74.13	1/14	73.85	+0.28
A-16	1/21	60.92	1/13	63.20	2.28
A-41	1/21	58.93	1/13	61.95	3.02
A-54	1/21	73.96	1/13	74.55	0.59
B-2	1/22	85.37	1/14	84.28	+1.09
B-3	1/1	75.52	1/1	76.60	1.08
E-2	1/21	86.67	1/13	83.98	+2.69
E-6	1/21	73.48	1/13	74.26	0.78

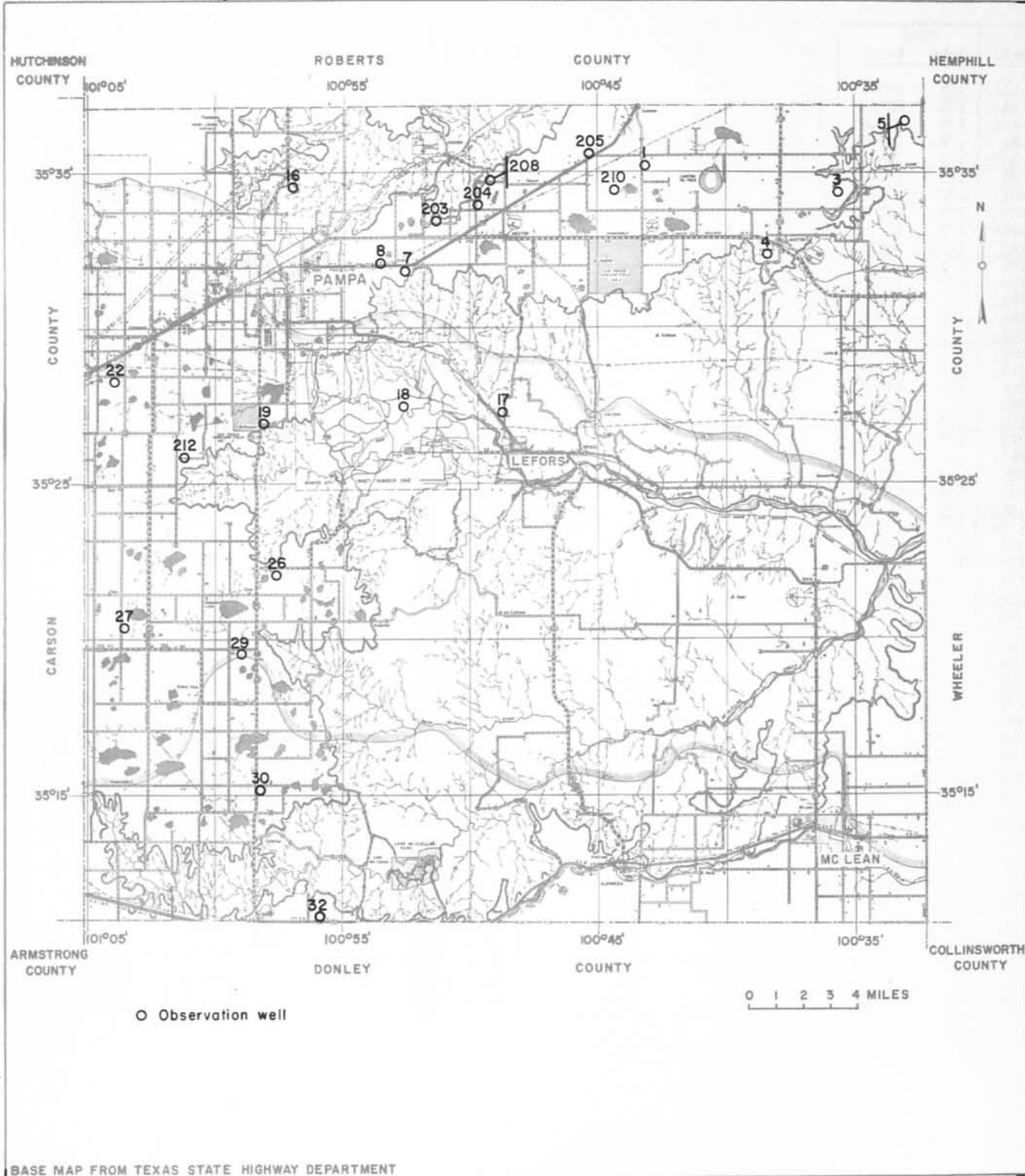


O Observation well

0 1 2 3 4 MILES

WATER-LEVEL MEASUREMENTS IN GRAY COUNTY
IN FEET BELOW LAND-SURFACE DATUM

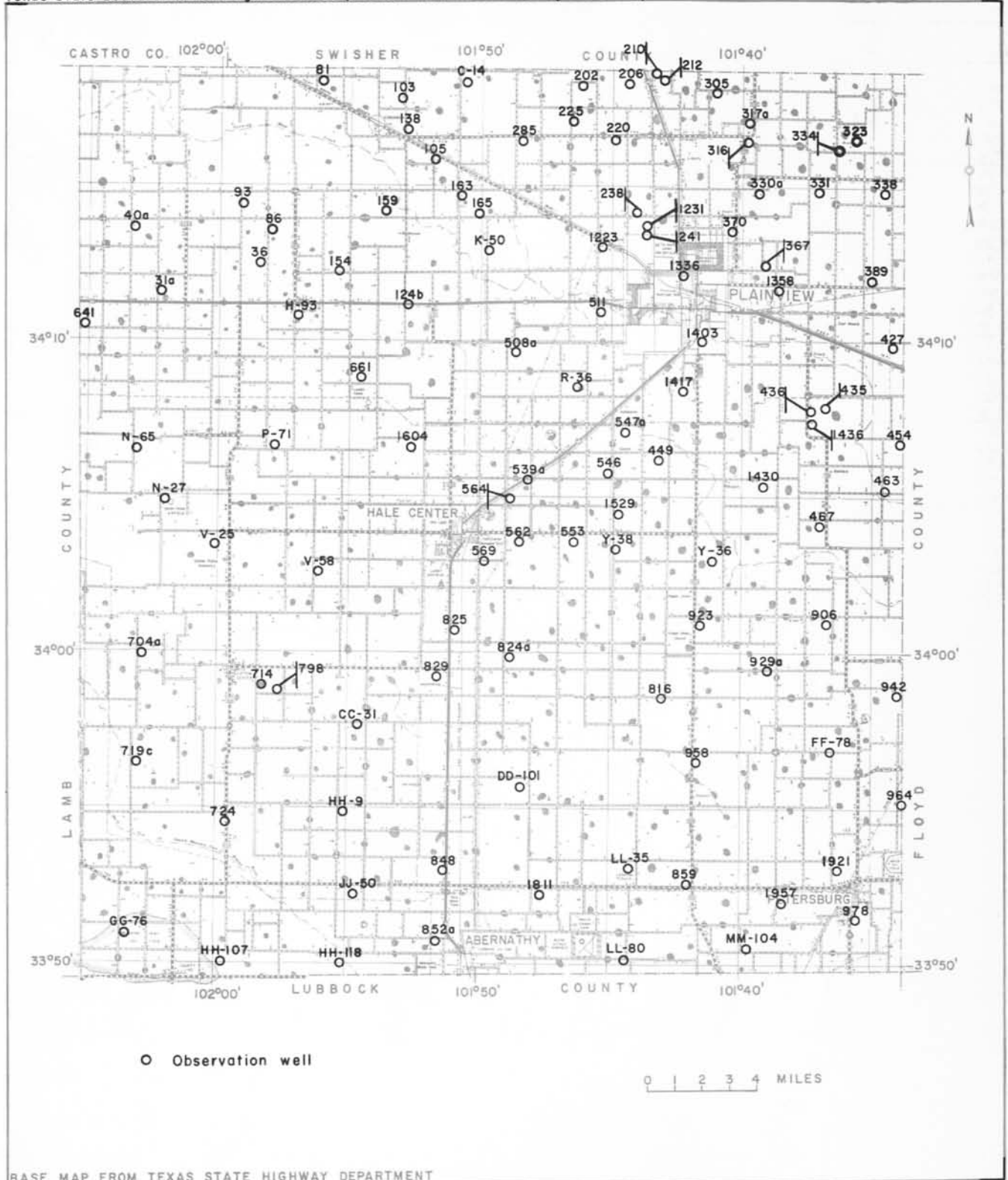
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
1	2/24	343.05	2/1	343.63	0.58
3	2/24	319.97	2/22	319.61	+0.36
4	2/24	330.24	2/22	329.96	+0.28
5	2/24	339.49	2/22	339.47	+0.02
7	2/23	348.24	1/1	347.84	+0.40
8	2/23	348.63	1/1	348.77	0.14
16	2/23	342.00	1/29	342.32	0.32
17	2/25	69.82	2/19	69.22	+0.60
18	2/25	64.28	2/19	64.03	+0.25
19	2/24	324.75	1/29	325.75	1.00
22	2/24	375.65	1/29	376.02	0.37
26	2/25	339.82	1/29	339.72	+0.10
27	2/27	308.75	--	--	--
29	2/25	310.28	1/29	309.39	+0.89
30	2/25	260.54	1/29	261.28	0.74
32	--	--	1/29	310.19	--
203	2/23	352.86	--	--	--
204	2/23	345.38	1/1	345.15	+0.23
205	2/24	341.15	--	--	--
208	2/23	341.28	1/1	341.35	0.07
210	2/24	340.45	2/22	339.82	+0.63
212	2/24	324.36	1/29	325.41	1.05



GRAY COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN HALE COUNTY
IN FEET BELOW LAND-SURFACE DATUM

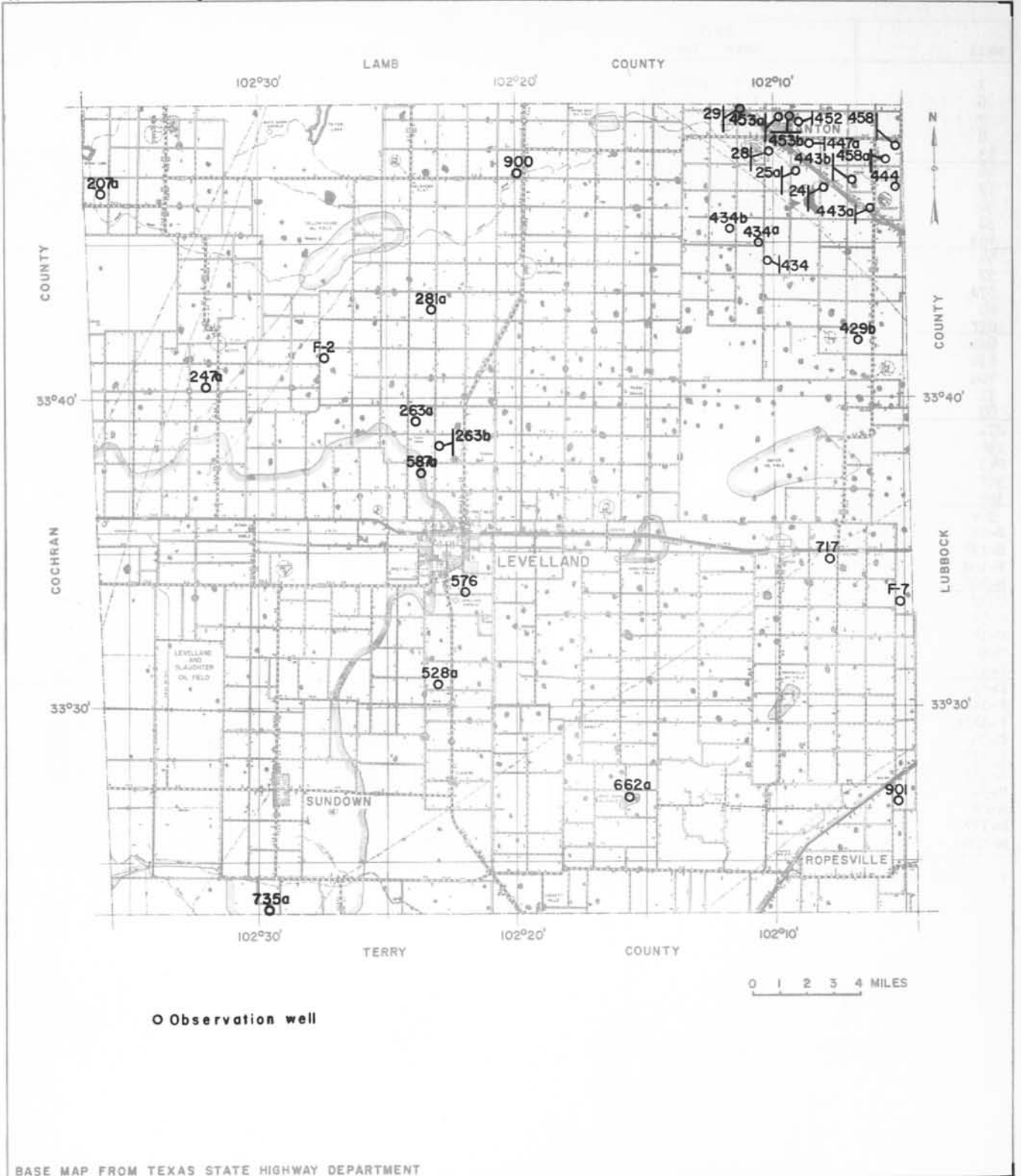
Well	1959		1960		Decline or Rise (+), in feet	Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level			Date	Level	Date	Level	
31a	1/5	105.65	1/18	112.13	6.48	714	1/6	121.65	1/18	126.80	5.15
36	1/5	127.67	1/19	133.79	6.12	719c	1/6	112.74	1/18	116.65	3.91
40a	1/5	129.08	1/18	128.70	+0.38	724	1/6	132.30	1/18	138.90	6.60
81	1/7	102.04	1/19	105.65	3.61	798	1/6	124.87	1/18	131.05	6.18
86	1/5	126.45	--	--	--	816	1/8	85.34	--	--	--
93	1/5	131.00	1/19	139.13	8.13	824a	1/8	99.26	--	--	--
103	1/7	83.53	1/19	86.52	2.99	825	1/6	107.24	1/20	110.40	3.16
104	1/5	100.39	1/19	102.00	1.61	829	1/6	110.08	1/20	114.62	4.54
124b	1/5	128.60	--	--	--	848	1/6	129.32	--	--	--
138	1/7	84.66	1/19	86.84	2.18	852a	1/6	156.05	1/18	160.47	4.42
154	1/5	108.75	1/19	115.45	6.70	859	1/8	124.50	1/20	129.45	4.95
159	1/5	107.54	1/19	115.00	7.46	906	1/8	73.45	1/20	75.47	2.02
163	1/5	103.50	1/19	106.90	3.40	923	1/8	89.65	1/20	96.45	6.80
165	1/5	107.29	--	--	--	929a	1/8	76.79	1/20	82.67	5.88
202	1/7	120.56	1/8	126.60	6.04	942	1/8	99.45	1/20	98.90	0.55
206	1/7	118.77	1/8	124.00	5.23	958	1/8	94.45	1/20	102.00	7.55
210	1/7	115.73	1/8	118.97	3.24	964	1/8	119.92	1/20	126.15	6.23
212	1/7	103.38	1/8	106.06	2.68	978	1/8	136.08	1/20	140.50	4.42
220	1/7	104.74	1/19	112.94	8.20	1223	1/5	105.26	--	--	--
225	1/7	110.77	1/19	115.10	4.33	1231	1/7	106.00	1/19	109.20	3.20
238	1/7	112.75	1/19	116.00	3.25	1336	1/7	102.24	1/8	105.36	3.12
241	1/7	106.87	1/19	110.15	3.28	1358	1/7	111.63	1/20	114.80	3.17
285	1/7	108.88	1/19	116.90	8.02	1403	1/5	96.20	1/19	100.00	3.80
305	1/7	112.81	1/8	117.93	5.12	1417	1/5	112.79	1/19	115.20	2.41
316	1/7	94.65	1/8	99.56	4.91	1430	1/7	95.90	1/20	103.65	7.75
317a	1/7	94.55	1/8	98.28	3.73	1436	1/7	115.79	1/20	120.25	4.46
323	1/7	109.60	1/8	114.40	4.80	1529	1/5	121.60	1/19	127.18	5.58
330a	1/7	99.65	1/8	105.79	6.14	1604	1/6	105.15	1/19	113.60	8.45
331	1/7	98.95	1/8	102.52	3.57	1811	1/8	129.05	1/20	136.05	7.00
334	1/7	104.05	1/8	107.70	3.65	1921	1/8	111.10	1/20	115.00	3.90
338	1/7	91.66	1/8	95.24	3.58	1957	1/8	121.40	1/20	125.60	4.20
367	1/7	111.05	1/8	114.15	3.10	C-14	1/7	98.16	--	--	--
370	1/7	98.35	1/8	102.64	4.29	H-93	1/5	117.87	1/19	123.50	5.63
389	1/7	110.20	1/20	113.60	3.40	K-50	1/5	98.76	1/19	105.20	6.44
427	1/7	109.67	--	--	--	N-27	1/5	107.25	1/18	114.00	6.75
435	1/7	115.60	1/20	119.95	4.35	N-65	1/6	85.79	1/18	91.60	5.81
436	1/7	118.25	1/20	122.66	4.41	P-71	1/6	105.76	1/18	111.05	5.29
449	1/5	124.02	--	--	--	R-36	1/6	129.52	1/19	133.20	3.68
454	1/7	124.78	1/20	131.20	6.42	V-25	1/6	95.62	1/18	100.97	5.35
463	1/7	105.23	--	--	--	V-58	1/6	111.60	1/18	119.00	7.40
467	1/7	71.57	1/20	74.59	3.02	Y-36	1/8	77.61	1/20	81.10	3.49
508a	1/9	114.35	1/19	119.50	5.15	Y-38	1/8	67.06	1/20	75.35	8.29
511	1/6	82.94	1/19	85.70	2.76	CC-31	1/6	133.30	1/18	140.45	7.15
539a	1/6	120.83	1/19	128.00	7.17	DD-101	1/8	122.05	1/20	130.54	8.49
546	1/5	112.86	1/19	117.75	4.89	FF-78	1/8	106.45	--	--	--
547a	1/5	115.14	1/19	121.34	6.20	GG-76	1/6	106.40	1/18	109.54	3.14
553	1/5	115.50	1/19	122.10	6.60	HH-9	1/7	131.40	1/18	136.60	5.20
562	1/5	105.18	1/19	110.85	5.67	HH-107	1/6	119.80	1/18	122.05	2.25
564	1/6	115.98	1/19	121.80	5.82	HH-118	1/6	87.46	1/18	92.67	5.21
569	1/6	89.75	1/20	89.35	0.40	JJ-50	1/6	131.92	1/18	137.87	5.95
641	1/5	112.90	1/19	119.80	6.90	LL-35	1/8	124.65	--	--	--
661	1/6	114.25	1/19	120.86	6.61	LL-80	1/8	144.90	1/20	145.00	0.10
704a	1/6	110.34	1/18	118.75	8.41	MM-104	1/8	136.88	1/20	138.50	1.62



HALE COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN HOCKLEY COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
24	1/15	42.26	1/11	39.83	+2.43
25a	1/15	42.75	1/11	45.38	2.63
28	1/15	59.77	1/11	60.22	0.45
29	1/15	59.75	1/11	62.18	2.43
207a	1/15	77.53	1/11	77.71	0.18
247a	1/15	130.48	1/11	132.59	2.11
263a	1/15	138.14	1/11	140.35	2.21
263b	1/15	147.98	1/11	150.37	2.39
281a	1/15	83.85	1/11	84.11	0.26
429b	1/15	131.20	1/11	134.92	3.72
434	1/15	163.52	1/11	178.30	14.78
434a	1/15	167.95	1/11	170.90	2.95
434b	1/15	126.30	1/11	130.16	3.86
443a	1/15	99.20	1/11	101.09	1.89
443b	1/15	56.88	--	--	--
444	1/15	82.55	1/11	84.80	2.25
447a	1/15	76.80	1/11	79.56	2.76
452	1/15	96.36	1/11	97.69	1.31
453a	1/15	92.96	1/11	92.59	0.37
453b	1/15	97.40	1/11	99.92	2.52
458	1/15	114.24	1/11	117.93	3.69
458a	1/15	90.79	1/11	90.82	0.03
528a	1/16	171.05	1/11	173.64	2.59
576	1/16	117.43	1/11	118.98	1.55
587a	1/15	140.70	--	--	--
662a	1/16	118.39	1/12	120.89	2.50
717	1/15	111.47	1/12	112.55	1.08
735a	1/16	150.80	1/12	151.34	0.54
900	1/15	55.05	1/11	55.59	0.54
901	1/16	141.15	1/12	123.08	18.07
F-2	1/15	136.30	1/11	137.78	1.48
F-7	1/16	93.19	1/12	95.64	2.45

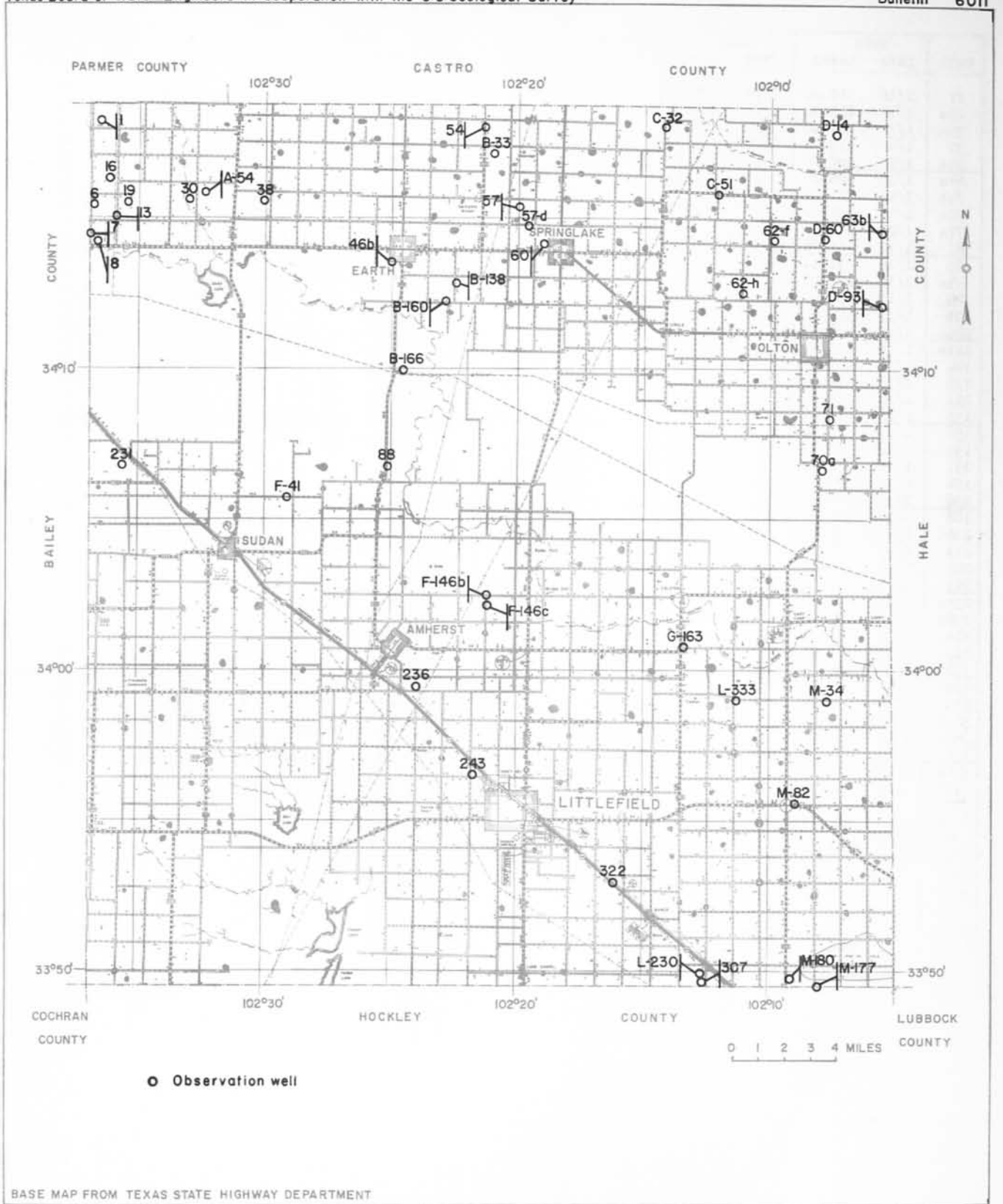


HOCKLEY COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN LAMB COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
1	1/7	c100.54	1/9	102.77	2.23
6	1/7	60.66	1/25	63.00	2.34
7	1/7	58.86	1/8	58.20	+0.66
8	1/7	54.20	1/9	57.27	3.07
13	1/7	62.42	1/8	65.26	2.84
16	1/7	72.36	1/9	76.80	4.44
19	1/7	61.82	--	--	--
30	1/7	60.05	1/8	63.44	3.39
38	1/7	64.52	1/8	69.61	5.09
46b	1/7	58.35	1/25	60.60	2.25
54	1/7	122.26	--	--	--
57	1/7	122.30	--	--	--
57d	1/7	122.70	1/25	124.94	2.24
60	1/7	102.87	1/25	105.97	3.10
62f	1/7	135.90	1/25	141.10	5.20
62h	1/7	124.60	1/25	129.80	5.20
63b	1/7	140.38	--	--	--
70a	1/8	82.18	--	--	--
71	1/8	90.67	1/25	93.40	2.73
88	1/8	44.45	1/8	46.17	1.72
231	1/8	109.38	1/8	111.53	2.15
236	1/8	91.47	1/25	94.90	3.43
243	1/8	80.37	1/8	81.66	1.29
307	1/8	66.28	1/25	72.58	6.30
322	1/8	77.42	1/25	84.30	6.88
30a	1/7	77.06	1/8	79.54	2.48
B-33	1/7	126.63	1/9	131.72	5.09
B-138	1/7	68.90	1/8	71.43	2.53
B-160	1/7	65.73	1/25	69.33	3.60
B-166	1/1	36.81	1/1	37.94	1.13
C-32	1/7	111.94	1/25	115.66	3.72
C-51	1/7	133.38	1/25	138.45	5.07
D-14	1/7	111.34	1/25	120.98	9.64
D-60	1/7	119.57	1/25	122.36	2.79
D-93	1/7	135.08	1/25	142.67	7.59
F-41	1/8	53.76	--	--	--
F-146b	1/8	74.58	1/25	79.00	4.42
F-146c	1/8	103.18	1/25	107.07	3.89
G-163	1/8	115.89	1/25	121.25	5.36
L-230	1/8	65.09	--	--	--
L-333	1/8	126.45	1/25	130.70	4.25
M-34	--	--	1/25	114.40	--
M-82	1/8	131.85	1/25	137.10	5.25
M-177	1/8	124.90	--	--	--
M-180	1/8	110.33	1/25	113.24	2.91

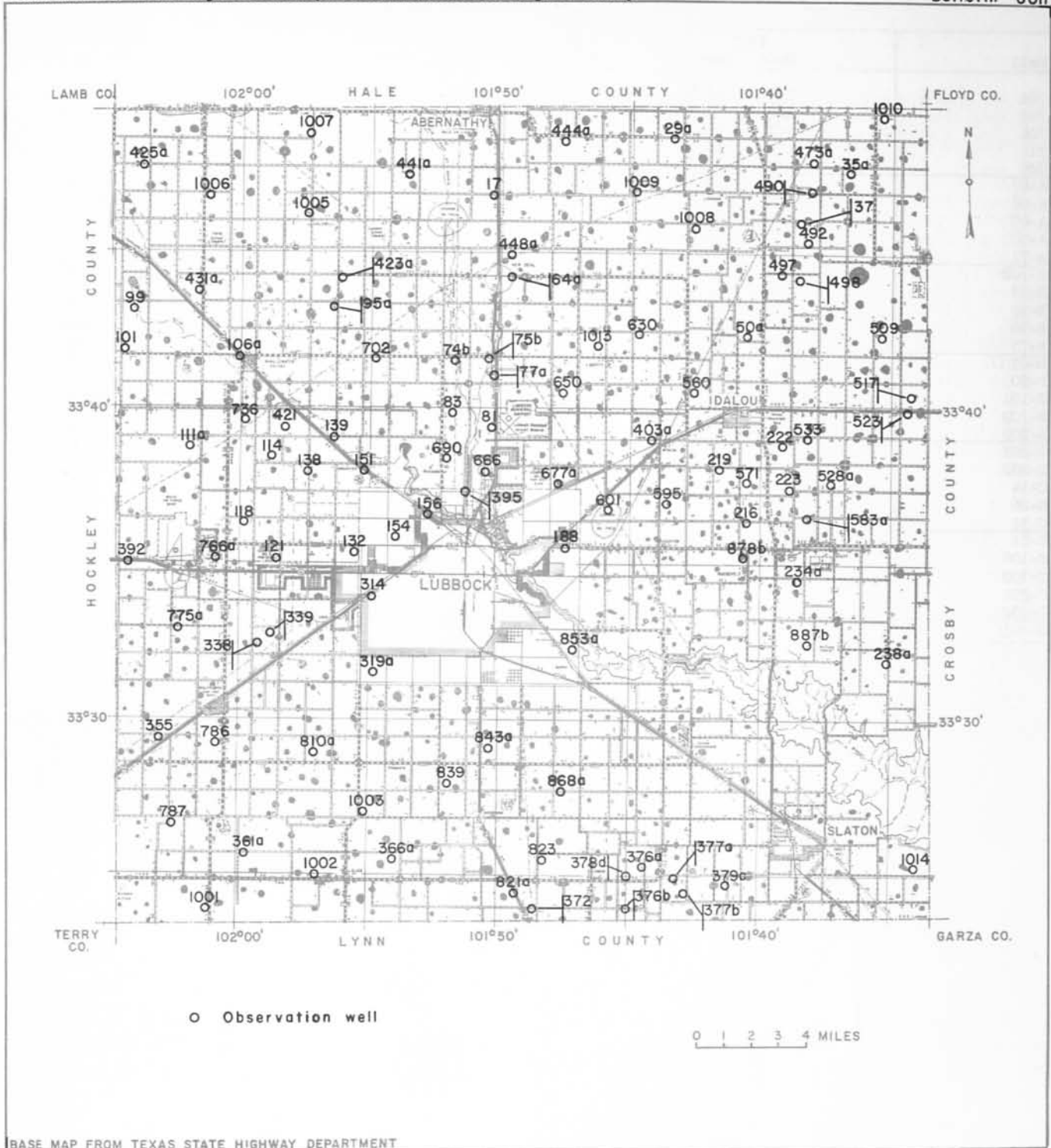
c nearby well pumping



LAMB COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN LUBBOCK COUNTY
IN FEET BELOW LAND-SURFACE DATUM

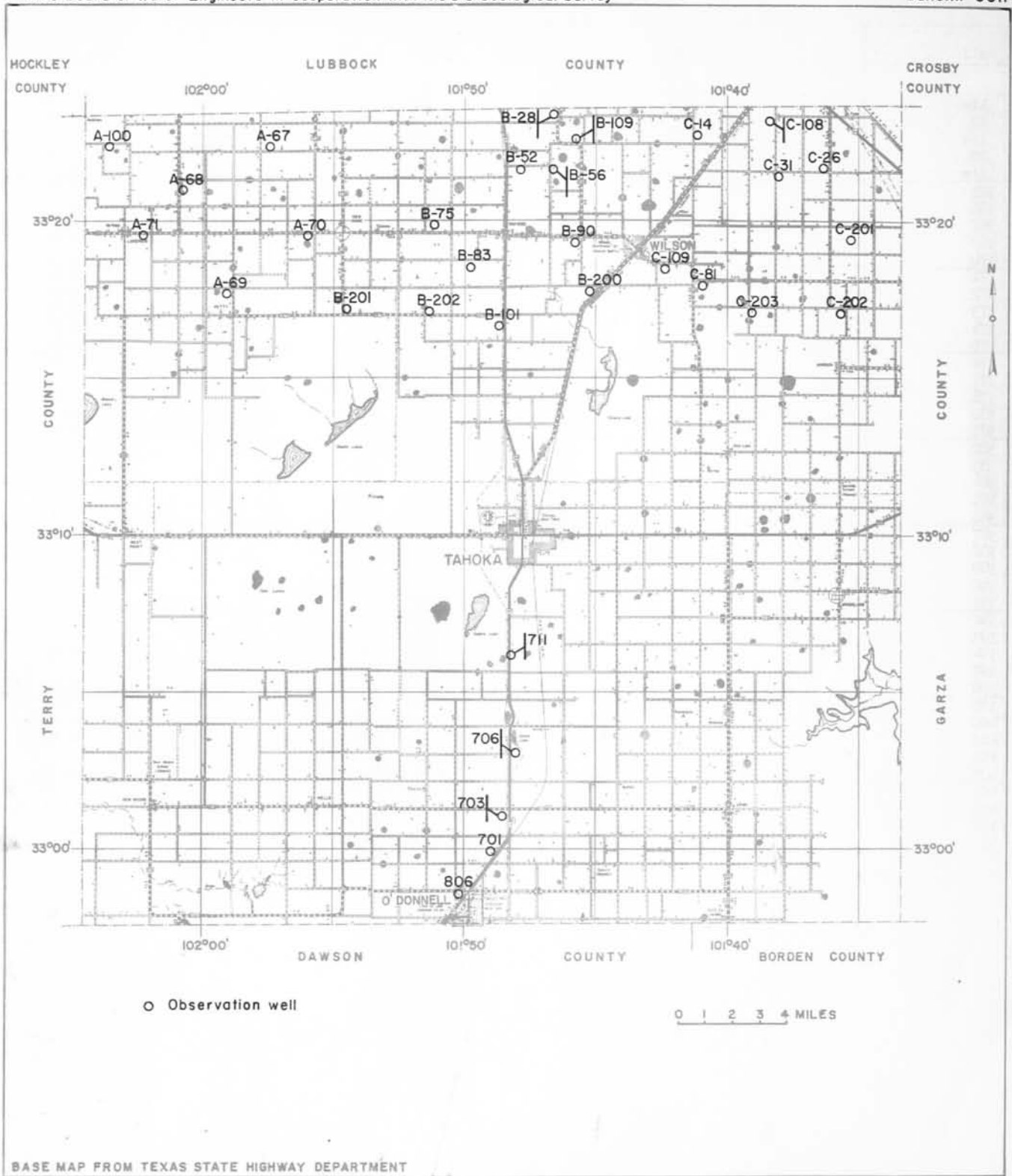
Well	1959		1960		Decline or Rise (+), in feet	Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level			Date	Level	Date	Level	
17	1/16	141.62	1/22	144.84	3.22	425a	1/16	105.50	1/22	106.93	1.43
29a	1/7	142.30	1/22	149.55	7.25	431a	1/16	122.20	2/1	127.05	4.85
35a	1/7	140.98	1/22	147.57	6.59	441a	1/16	160.75	1/22	162.77	2.02
37	1/9	119.95	1/22	124.45	4.50	444a	1/7	154.04	1/22	156.56	2.52
50a	1/9	128.22	1/25	134.83	6.61	448a	1/16	139.45	1/25	142.71	3.26
64a	1/15	124.80	1/25	127.69	2.89	473a	1/7	139.53	1/22	144.40	4.87
74b	1/16	51.07	2/1	53.44	2.37	490	1/9	137.47	1/22	143.35	5.88
75b	1/16	108.54	2/1	112.05	3.51	492	1/9	119.13	1/22	123.77	4.64
77a	1/20	108.55	2/1	110.38	1.83	497	1/9	137.60	1/22	145.74	8.14
81	1/16	65.78	2/1	68.20	2.42	498	1/9	137.73	1/22	144.17	6.44
83	1/16	71.11	2/1	73.49	2.38	509	1/15	128.75	1/20	134.38	5.63
95a	1/16	123.23	2/1	126.03	2.80	517	1/9	146.82	1/25	154.28	7.46
99	1/15	58.80	2/2	59.70	0.90	523	1/15	122.72	1/25	127.10	4.38
101	1/15	105.21	2/2	110.45	5.24	528a	1/20	90.10	1/25	93.95	3.85
106a	1/15	66.05	2/1	68.94	2.89	533	1/20	114.50	1/25	122.88	8.38
111a	1/15	123.50	2/2	126.65	3.15	560	1/9	100.10	1/1	107.00	6.90
114	1/15	95.70	2/2	95.00	0.70	571	1/20	72.54	1/25	74.89	2.35
118	1/15	130.90	2/2	133.00	2.10	583a	1/20	67.50	1/25	69.66	2.16
121	1/16	127.34	2/2	129.47	2.13	595	1/20	86.85	1/25	93.10	6.25
132	1/15	91.80	--	--	--	601	1/20	87.52	1/25	90.43	2.91
138	1/15	73.98	2/2	75.81	1.83	630	1/20	120.62	1/25	125.57	4.95
139	1/16	55.31	2/1	56.23	0.92	650	1/15	107.66	2/1	111.40	3.74
151	1/15	75.29	2/2	75.20	+0.09	666	1/26	79.19	2/1	80.25	1.06
154	1/16	89.7	2/2	76.38	+13.32	677a	1/15	89.70	--	--	--
156	1/16	75.98	3/15	76.88	0.90	690	1/16	76.33	2/1	77.75	1.42
188	1/9	93.84	1/25	95.01	1.17	702	1/16	107.18	2/1	116.05	8.87
216	1/20	80.42	1/25	80.45	0.03	736	1/15	77.82	2/2	80.30	2.48
219	1/20	76.09	1/25	78.37	2.28	766a	1/15	123.30	2/2	126.10	2.80
222	1/20	98.25	1/25	108.74	10.49	775a	1/16	114.10	2/2	114.80	0.70
223	1/20	53.95	1/25	55.37	1.42	787	1/16	108.53	2/2	110.60	2.07
234a	1/9	75.11	1/25	76.42	1.31	810a	1/19	121.30	2/3	122.95	1.65
238a	1/9	61.80	1/25	61.87	0.07	818a	1/19	132.54	2/3	134.60	2.06
314	1/16	60.33	2/3	59.40	+0.93	821a	1/19	121.45	2/3	124.80	3.35
319a	1/19	105.95	2/3	105.62	+0.33	823	1/19	124.44	2/3	126.24	1.80
338	1/16	106.56	2/2	109.69	3.13	839	1/19	109.60	2/3	110.79	1.19
339	1/16	100.78	2/2	103.15	2.37	843a	1/19	103.26	2/3	104.48	1.22
355	1/16	110.80	2/2	112.85	2.05	853a	1/19	53.25	2/9	52.23	+1.02
361a	1/16	99.26	2/2	100.30	1.04	868a	1/19	106.89	2/3	108.92	2.03
366a	1/16	99.65	2/3	100.93	1.28	878b	1/9	77.60	1/25	85.88	8.28
372	1/19	125.80	2/3	129.20	3.40	887b	1/9	85.08	1/25	85.70	0.62
376a	1/19	113.67	2/3	115.54	1.87	1001	1/16	66.79	2/2	67.04	0.25
376b	1/19	118.92	2/3	120.50	1.58	1002	1/27	94.94	2/3	95.43	0.49
377a	1/19	110.94	2/3	111.75	0.81	1003	1/16	102.91	2/3	99.51	+3.40
377b	1/19	115.33	2/3	116.74	1.41	1005	1/16	132.54	1/22	134.17	1.63
378a	1/19	110.95	--	--	--	1006	1/16	160.10	1/22	161.45	1.35
379c	1/12	102.63	2/3	103.68	1.05	1007	1/16	134.05	1/22	140.90	6.85
392	1/16	109.95	2/2	112.55	2.60	1008	1/15	140.03	1/22	143.76	3.73
395	1/16	74.20	2/1	73.50	+0.70	1009	1/15	136.96	1/22	140.87	3.91
403a	1/9	72.0	2/1	75.48	3.48	1010	1/15	144.65	1/22	147.88	3.23
421	1/15	74.42	2/2	70.35	+4.07	1013	1/15	114.15	1/20	118.22	4.07
423a	1/16	125.29	2/1	129.20	3.91	1014	1/19	182.35	2/3	186.97	4.62



LUBBOCK COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN LYNN COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
701	1/8	66.80	1/18	65.59	+1.21
703	1/8	61.17	1/18	61.39	0.22
706	1/8	10.94	--	--	--
711	1/8	16.24	1/18	17.10	0.86
806	1/8	37.80	--	--	--
A-67	1/7	92.56	1/4	96.06	3.50
A-68	1/7	108.67	1/4	105.20	+3.47
A-69	1/7	83.36	1/4	86.47	3.11
A-70	1/7	71.80	1/4	70.68	+1.12
A-71	1/7	86.64	1/4	87.65	1.01
A-100	1/7	93.27	1/4	92.07	+1.20
B-28	1/19	132.54	--	--	--
B-52	1/8	119.50	1/13	119.94	0.44
B-56	1/9	104.12	1/13	104.30	0.18
B-75	1/7	106.94	1/4	109.24	2.30
B-83	1/7	92.80	--	--	--
B-90	1/7	77.40	1/13	79.05	1.65
B-101	1/7	77.04	1/4	67.50	+9.54
B-109	1/7	118.07	1/13	122.23	4.16
B-200	1/7	46.50	1/13	46.88	0.38
B-201	1/7	120.17	1/4	121.86	1.69
B-202	1/7	93.05	--	--	--
C-14	1/7	81.82	1/13	81.40	0.42
C-26	1/7	63.15	1/13	64.40	1.25
C-31	1/7	33.17	1/13	34.38	1.21
C-81	1/7	80.24	1/13	79.42	+0.82
C-108	1/7	86.09	1/13	86.57	0.48
C-109	1/7	74.38	1/13	75.48	1.10
C-201	1/7	58.77	1/13	61.53	2.76
C-202	1/7	37.73	1/13	39.30	1.57
C-203	1/7	64.02	1/13	65.50	1.48

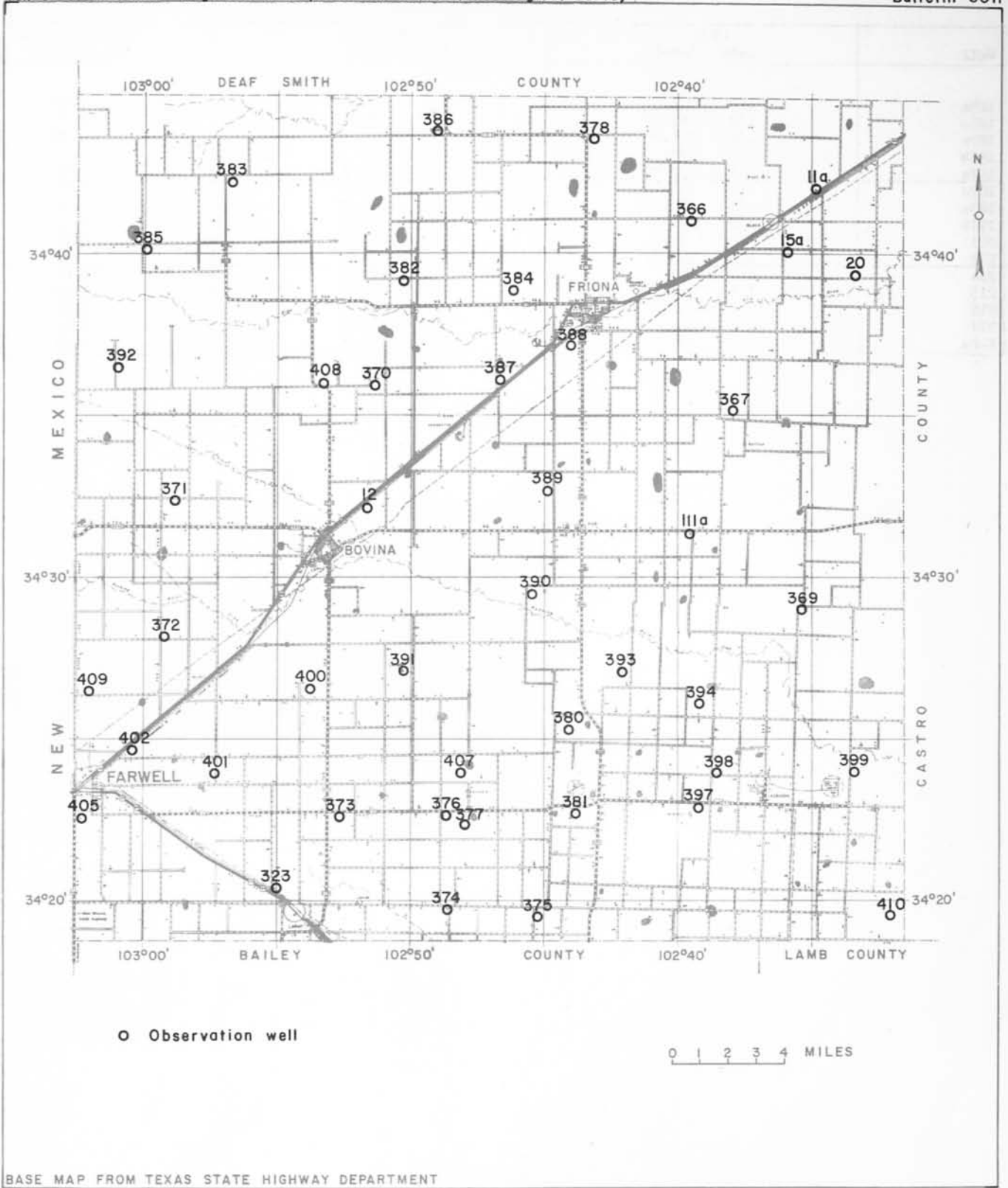


LYNN COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN FARMER COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
11a	1/14	137.15	1/28	142.05	4.90
12	1/15	176.20	1/29	180.60	4.40
15a	1/14	175.69	1/28	180.00	4.31
20	1/14	135.98	1/28	141.32	5.34
111a	1/14	198.58	1/29	207.05	8.47
323	1/14	117.35	1/7	119.30	1.95
366	1/15	184.73	1/28	188.90	4.17
367	1/14	239.25	1/29	245.83	6.58
369	1/14	159.88	1/29	167.92	8.04
370	1/15	281.80	1/29	284.50	2.70
371	1/14	202.28	1/7	206.90	4.62
372	1/15	235.58	1/7	236.74	1.16
373	1/14	157.20	1/7	160.83	3.63
374	1/14	119.50	1/7	122.14	2.64
375	1/14	105.35	1/7	107.98	2.63
376	1/14	166.85	1/7	170.27	3.42
377	--	--	1/28	161.43	--
378	1/15	224.45	1/29	225.66	1.21
380	1/14	196.75	1/28	200.54	3.79
381	1/14	175.50	1/28	179.99	4.49
382	1/15	198.70	1/29	203.46	4.76
383	1/15	218.90	1/29	225.77	6.87
384	1/15	196.82	1/29	203.60	6.78
385	1/15	232.88	1/29	238.34	5.46
386	1/15	288.95	1/29	296.77	7.82
387	--	--	1/29	261.90	--
388	1/15	212.90	1/28	220.60	7.70
389	1/14	233.00	1/28	237.40	4.40
390	1/14	172.70	1/28	179.30	6.60
391	1/15	226.12	1/28	229.21	3.09
392	--	--	1/29	304.90	--
393	--	--	1/28	189.84	--
394	1/14	169.40	1/28	168.47	+0.93
397	--	--	1/7	192.10	--
398	1/14	186.84	1/7	190.31	3.47
399	1/14	149.06	1/28	152.30	3.24
400	1/15	228.55	1/28	b236.25	7.70
401	1/14	186.44	1/7	190.99	4.55
402	--	--	1/29	221.10	--
405	1/14	202.42	1/7	202.90	0.48
407	1/14	189.75	1/28	195.15	5.40
408	1/15	265.87	1/29	270.35	4.48
409	1/15	231.87	--	--	--
410	1/14	156.95	1/28	158.03	1.08

b well pumped recently

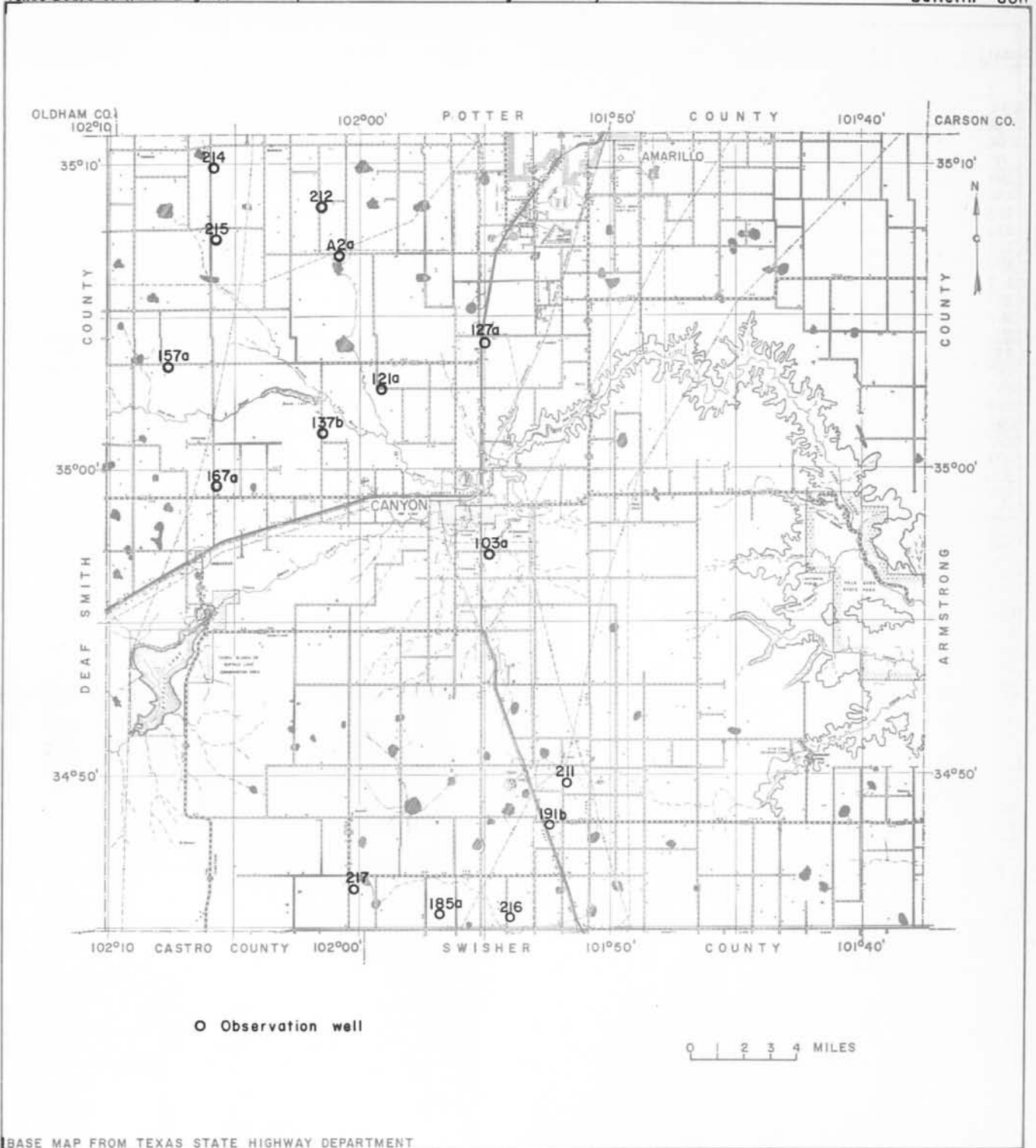


BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

PARMER COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN RANDALL COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
103a	1/2	5.50	1/4	4.20	+1.30
121a	1/2	147.75	1/5	150.80	3.05
127a	1/2	145.05	1/5	145.75	0.70
137b	1/2	127.40	--	--	--
157a	1/2	119.30	1/4	120.97	1.67
167a	1/2	123.20	1/4	130.40	7.20
185a	1/2	174.50	1/4	180.30	5.80
191b	1/2	187.08	1/4	187.65	0.57
211	1/2	171.02	1/4	171.80	0.78
212	1/2	164.85	--	--	--
214	1/2	183.23	1/4	189.25	6.02
215	1/2	160.27	1/4	164.50	4.23
216	1/2	156.68	1/4	163.60	6.92
217	1/2	178.77	1/4	174.10	+4.67
A-2a	1/2	138.58	1/6	139.16	0.58

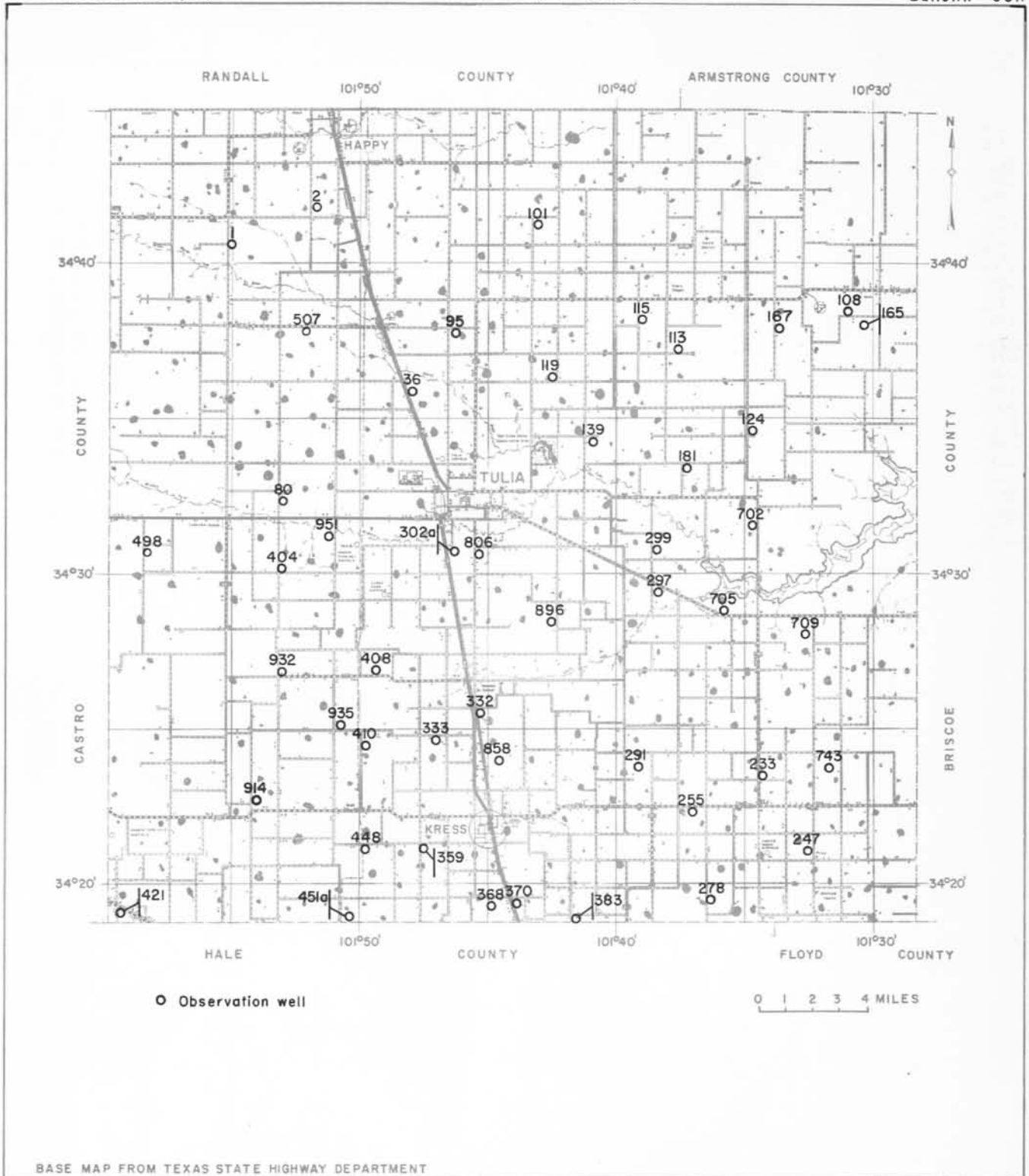


RANDALL COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN SWISHER COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
1	1/13	105.90	1/27	107.60	1.70
2	1/13	78.34	1/27	78.67	0.33
36	1/13	85.34	1/27	89.20	3.86
80	1/13	95.82	1/26	101.70	5.88
95	1/13	102.18	1/27	111.40	9.22
101	1/13	100.57	1/27	102.44	1.87
108	1/13	105.77	1/27	109.75	3.98
113	--	--	1/27	84.40	--
115	1/13	86.58	1/27	86.90	0.32
119	1/13	80.04	1/27	83.60	3.56
124	1/13	77.57	1/27	81.90	4.33
139	--	--	1/26	72.65	--
165	1/13	115.10	1/27	120.00	4.90
167	1/13	--	1/27	82.48	--
181	1/13	89.53	1/27	90.63	1.10
233	1/12	105.78	1/26	102.75	+3.03
247	1/12	100.17	1/26	106.43	6.26
255	1/12	84.08	1/26	84.50	0.42
278	1/12	111.40	1/26	116.35	4.95
291	1/12	87.64	1/26	91.80	4.16
297	1/13	79.50	1/26	75.43	+4.07
299	1/13	58.30	1/26	62.45	4.15
302a	1/13	105.30	1/27	105.37	0.07
332	1/12	107.68	1/27	106.19	+1.49
333	1/12	107.70	1/27	109.45	1.75
359	1/12	136.85	1/26	132.40	+4.45
368	--	--	1/26	138.34	--
370	1/12	122.96	1/26	126.34	3.38
383	1/12	121.30	1/26	123.50	2.20
404	1/13	139.55	1/26	134.70	4.85
408	1/12	131.25	1/26	132.80	1.55
410	1/12	117.65	1/26	120.00	2.35
421	1/12	98.55	1/26	101.35	2.80
448	1/12	131.90	1/26	138.80	6.90
451a	1/1	90.39	1/1	96.36	5.97
498	1/13	123.68	1/26	129.10	5.42
507	1/13	112.30	1/27	117.45	5.15
702	--	--	1/27	51.55	--
705	1/13	c78.45	1/26	81.20	2.75
709	1/13	107.51	1/26	109.80	2.29
743	1/12	b84.16	--	--	--
806	1/13	96.02	1/26	94.97	+1.05
858	1/12	105.30	1/27	107.73	2.43
896	1/13	84.25	--	--	--
914	1/12	c146.40	1/26	150.57	4.17
932	1/13	134.36	1/26	141.00	6.64
935	--	--	1/26	125.30	--
951	1/13	90.95	--	--	--

b well pumped recently
c nearby well pumping

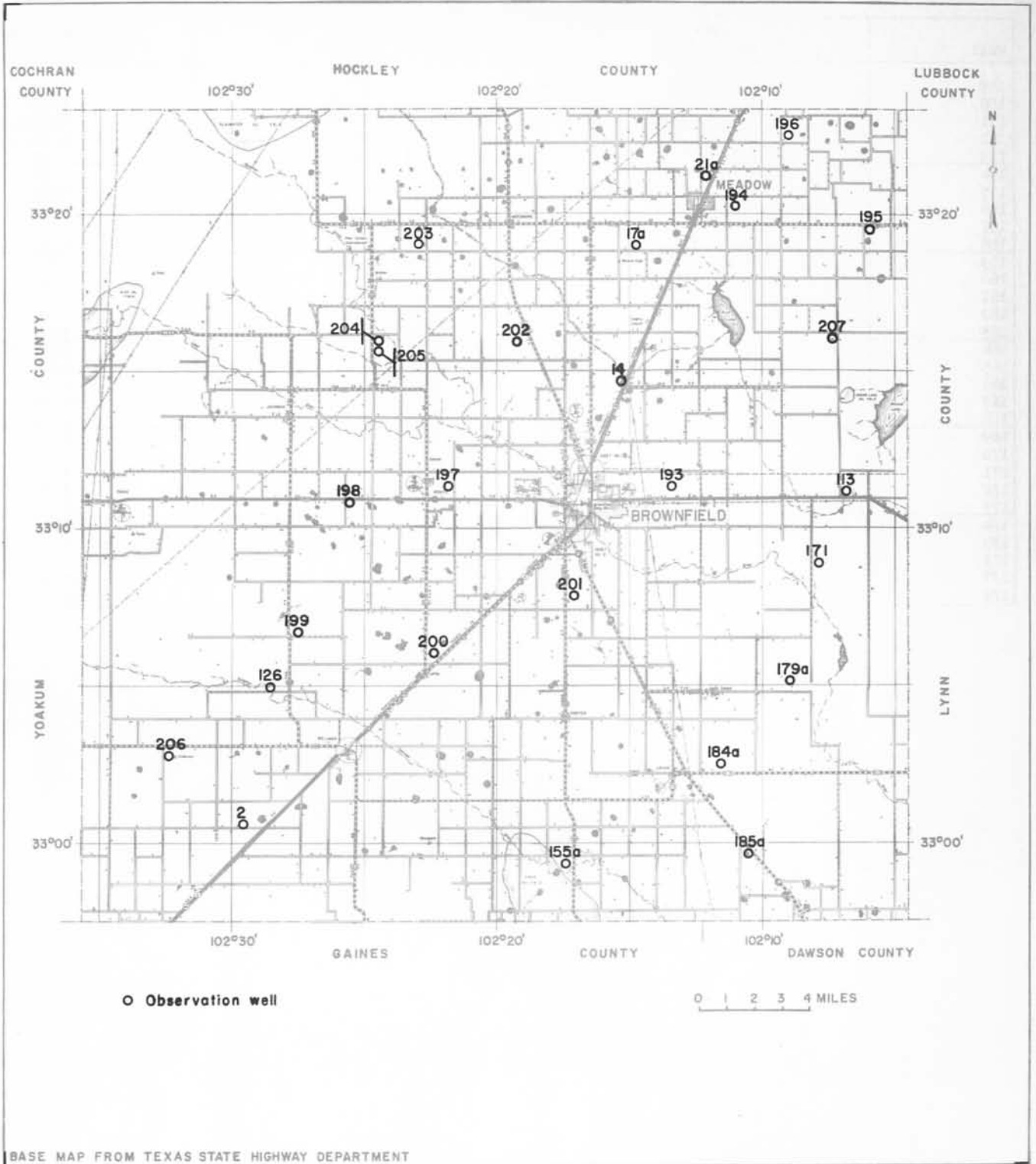


BASE MAP FROM TEXAS STATE HIGHWAY DEPARTMENT

SWISHER COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN TERRY COUNTY
IN FEET BELOW LAND-SURFACE DATUM

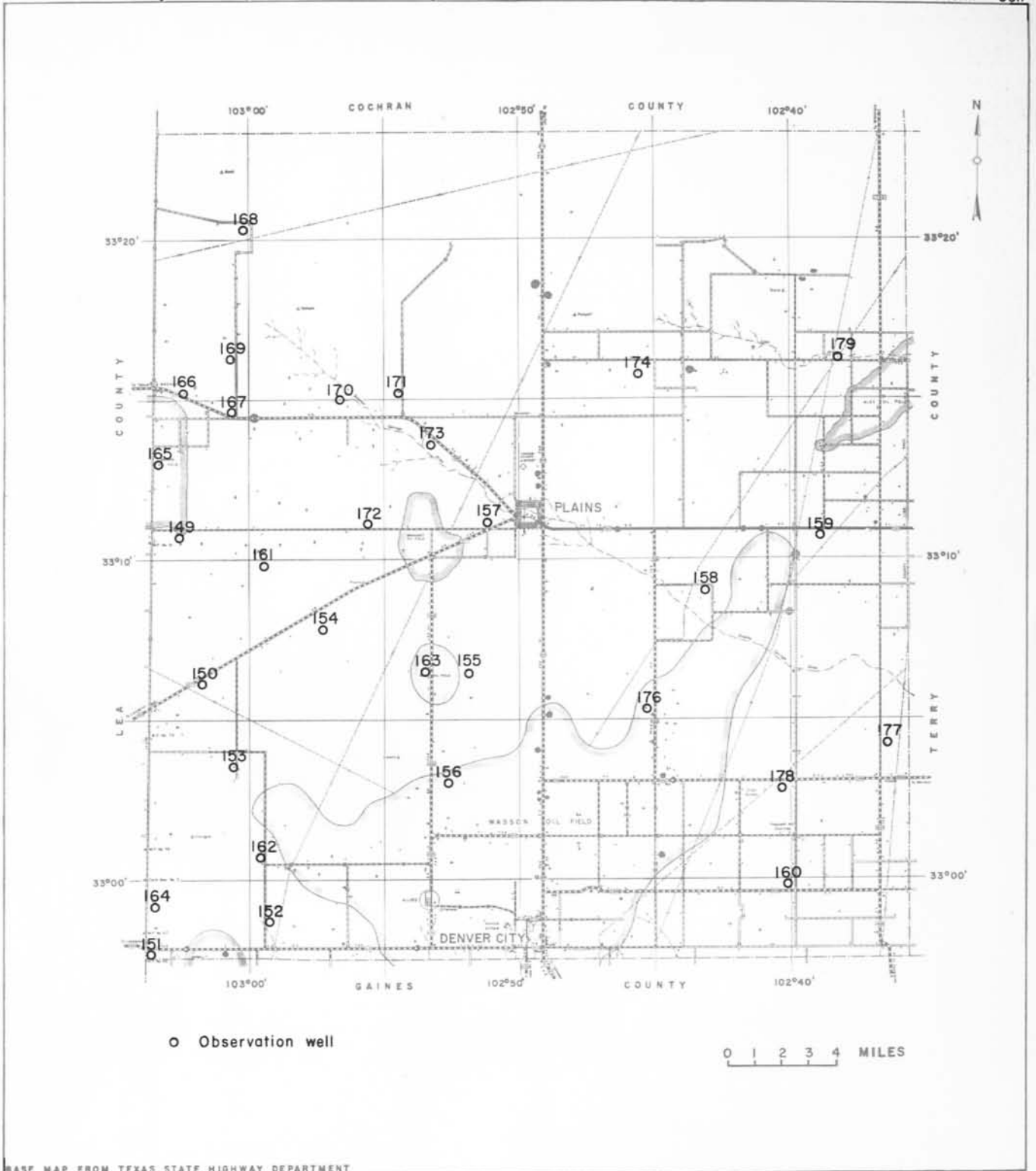
Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
2	1/21	97.40	--	--	--
14	1/19	90.52	1/11	94.45	3.93
17a	1/19	81.39	1/11	84.46	2.07
21a	1/19	65.67	1/11	68.40	2.73
113	1/19	11.15	1/11	10.98	+0.17
126	1/20	31.70	1/11	45.87	14.17
155a	1/19	102.20	1/11	94.93	+7.27
171	1/19	12.55	1/11	14.48	1.93
179a	1/19	59.00	1/11	53.03	+5.97
184a	1/19	99.77	1/11	93.20	+6.57
185a	1/19	71.81	1/11	72.78	0.97
193	1/19	80.42	1/11	89.92	9.50
194	1/19	83.05	1/11	86.08	3.03
195	1/19	89.22	1/11	90.05	0.83
196	1/19	64.50	1/11	63.92	+0.58
197	1/20	102.06	1/11	105.80	3.74
198	1/20	145.41	1/11	146.75	1.34
199	1/20	63.52	1/11	61.88	+1.64
200	1/20	105.85	1/11	107.54	1.69
201	1/19	82.50	1/11	85.40	2.90
202	1/20	109.64	1/11	112.64	3.00
203	1/20	156.05	1/11	157.65	1.60
204	1/20	125.95	1/11	126.27	0.32
205	1/20	121.35	1/11	124.50	3.15
206	1/20	98.95	1/11	98.90	+0.05
207	1/19	86.63	1/11	86.25	+0.38



TERRY COUNTY, CHANGE IN WATER LEVELS

WATER-LEVEL MEASUREMENTS IN YOAKUM COUNTY
IN FEET BELOW LAND-SURFACE DATUM

Well	1959		1960		Decline or Rise (+), in feet
	Date	Level	Date	Level	
149	1/20	86.28	1/12	87.33	1.05
150	1/20	69.59	1/12	70.30	0.79
151	1/20	64.77	1/12	65.84	1.07
152	1/20	77.39	1/12	77.55	0.16
153	1/20	65.83	1/12	66.13	0.30
154	1/20	83.45	1/12	84.75	1.30
155	1/20	91.77	1/12	92.60	0.83
156	1/20	60.17	1/12	60.12	+0.05
157	1/20	74.23	--	--	--
158	1/20	95.54	1/12	95.13	+0.41
159	1/19	120.49	1/12	119.45	+1.04
160	1/20	88.78	1/12	89.10	0.32
161	1/20	106.30	--	--	--
162	--	--	1/12	58.83	--
163	1/20	84.13	1/12	87.36	3.23
164	1/20	52.15	1/12	52.98	0.83
165	1/20	67.75	1/12	69.64	1.89
166	1/19	49.99	1/12	52.55	2.56
167	1/19	43.50	1/12	43.02	+0.48
168	1/19	103.91	1/12	105.04	1.13
169	1/19	50.11	1/12	50.34	0.23
170	1/19	60.00	1/12	62.43	2.43
171	1/19	88.10	1/12	91.54	3.44
172	1/20	93.61	1/12	89.87	+3.74
173	1/19	46.25	1/12	44.88	+1.37
174	1/19	115.35	1/12	116.85	1.50
176	1/20	106.37	1/12	106.94	0.57
177	1/20	85.13	--	--	--
178	1/20	110.65	1/12	110.63	+0.02
179	1/19	96.79	1/12	94.50	+2.20



YOAKUM COUNTY, CHANGE IN WATER LEVELS

