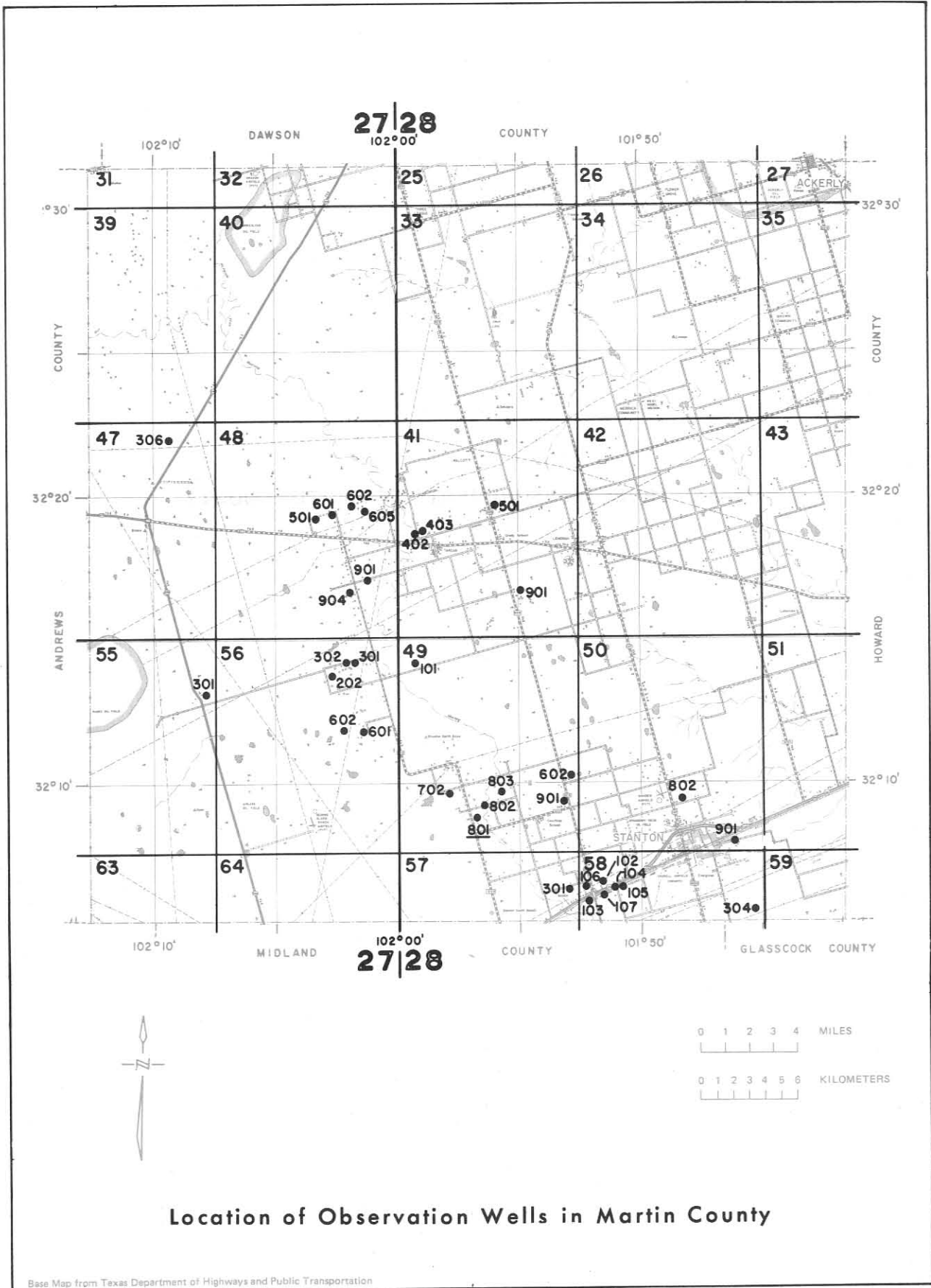


WATER-LEVEL MEASUREMENTS IN MARTIN COUNTY



MARTIN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
27-47-306	136	182	2895.00	04-14-70	127.06		
				06-02-70	125.35		
				08-12-70	125.40	0.05	1.71
				10-06-70	123.90		1.50
				12-09-70	122.80		1.10
				02-17-71	122.62		0.18
				04-12-71	122.29		0.33
				06-15-71	125.54	3.25	
				08-16-71	124.44		1.10
				10-26-71	122.80		1.64
				12-04-71	122.07		0.73
				02-08-72	121.93		0.14
				04-16-72	120.82		1.11
				06-13-72	120.40		0.42
				08-14-72	119.44		0.96
				10-11-72	120.25	0.61	
				12-04-72	119.28		0.97
				01-22-73	119.11		0.17
				02-05-73	118.75		0.36
				03-26-73	119.26	0.51	
				06-11-73	119.37	0.11	
				08-14-73	119.33		0.04
				10-02-73	118.71		0.62
				12-04-73	118.07		0.64
				03-19-74	118.30	0.23	
				06-19-74	120.67	2.37	
				09-18-74	120.16		0.51
				12-05-74	118.95		1.21
				03-18-75	118.75		0.20
				06-11-75	119.30	0.55	
09-10-75	118.29		1.01				
11-05-75	117.71		0.58				
01-06-76	117.17		0.54				
05-05-76	117.09		0.08				
08-04-76	117.75	0.66					
11-02-76	116.99		0.76				
27-48-501	136	163	2820.00	12-09-70	98.25		
				01-05-72	102.02	3.77	
				01-23-73	97.60		4.42
				12-03-74	102.35	4.75	

MARTIN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, RELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				11-05-75	98.76		3.59
				11-02-76	105.70	6.94	
27-48-601	136	178	2841.00	12-09-70	113.00		
				01-05-72	116.00	3.00	
				01-23-73	114.84		1.16
				12-04-73	116.09	1.25	
				12-03-74	118.98	2.89	
				11-05-75	120.31	1.33	
				11-02-76	118.33		1.98
27-48-602	136	190	2847.00	12-09-70	120.90		
				01-05-72	122.60	1.70	
				12-03-74	126.78	4.18	
				11-05-75	125.27		1.51
				11-02-76	127.31	2.04	
27-48-605	136	125	2842.00	01-04-72	101.45		
				12-03-74	98.98		2.47
27-48-901	136	90	2800.00	12-09-70	70.35		
				01-06-72	75.00	4.65	
				01-23-73	71.45		3.55
				12-03-74	71.68	0.23	
				11-05-75	72.30	0.62	
11-02-76	74.95	2.65					
27-48-904	136	170	2803.00	12-09-70	112.74		
				01-06-72	115.43	2.69	
				01-23-73	114.32		1.11
				12-04-73	116.62	2.30	
				12-03-74	119.70	3.08	
				11-05-75	116.71		2.99
11-02-76	113.33		3.38				
27-55-301	136	82	2835.00	12-08-70	45.88		
				01-06-72	46.54	0.66	
				01-22-73	46.14		0.40
				12-04-74	47.23	1.09	
				11-05-75	46.96		0.27
11-02-76	47.33	0.37					
27-56-202	136	131	2793.00	12-08-70	87.00		

MARTIN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-06-72	94.35	7.35	
				01-22-73	89.25		5.10
				12-04-73	88.88		0.37
				12-03-74	92.19	3.31	
				11-05-75	88.54		3.65
				11-02-76	94.01	5.47	
27-56-301	136	128	2786.00	12-08-70	87.75		
				01-06-72	87.30		0.45
				01-22-73	86.80		0.50
				11-05-75	87.78	0.98	
				11-02-76	84.68		3.10
27-56-302	136	159	2805.00	12-08-70	92.60		
				01-06-72	96.41	3.81	
				01-22-73	91.90		4.51
				12-04-74	95.50	3.60	
				11-05-75	90.17		5.33
				11-02-76	89.43		0.74
27-56-601	136	----	2775.00	12-08-70	43.55		
				01-06-72	43.72	0.17	
				01-23-73	37.99		5.73
				12-04-73	35.12		2.87
				12-04-74	34.83		0.29
				11-04-75	32.18		2.65
				11-02-76	32.88	0.70	
27-56-602	136	----	2789.00	12-08-70	49.95		
				01-06-72	49.62		0.33
				01-23-73	49.10		0.52
				12-04-74	48.31		0.79
28-41-402	136	----	2825.00	12-09-70	71.16		
				01-04-72	70.92		0.24
				01-23-73	70.55		0.37
				12-03-74	71.84	1.29	
				11-05-75	66.28		5.56
28-41-403	136	----	2830.00	12-09-70	77.20		
				01-04-72	77.06		0.14
				01-23-73	77.04		0.02
				12-04-73	75.86		1.18

MARTIN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-03-74	78.32	2.46	
				11-05-75	72.65		5.67
				11-01-76	69.44		3.21
28-41-501	136	164	2837.00	12-08-70	99.55*		
				01-04-72	99.06		0.49
				01-23-73	92.15		6.91
				12-04-73	92.25	0.10	
				12-03-74	92.23		0.02
				11-05-75	99.39*	7.16	
				11-01-76	95.07Q		4.32
28-41-901	136	140	2794.00	12-08-70	63.89		
				01-06-72	62.30		1.59
				01-23-73	62.54	0.24	
				12-04-73	60.61		1.93
				12-03-74	62.29	1.68	
				11-05-75	56.87		5.42
				11-01-76	56.19		0.68
28-49-101	136	----	2798.00	12-08-70	104.28		
				01-06-72	103.12		1.16
				01-23-73	107.07	3.95	
				12-04-73	106.50		0.57
				12-04-74	109.90	3.40	
28-49-602	136	144	2764.00	12-08-70	90.52		
				01-01-72	93.53	3.01	
				01-23-73	90.32		3.21
				12-04-73	88.25		2.07
				12-04-74	89.35	1.10	
				11-02-76	85.39		3.96
28-49-702	136	130	2750.00	12-08-70	65.90		
				01-06-72	66.10	0.20	
				01-23-73	66.07		0.03
				12-04-73	66.65	0.58	
				12-04-74	66.38		0.27
				11-04-75	63.52		2.86
				11-02-76	63.34		0.18
28-49-801	136	102	2727.00	12-08-70	56.05		
				01-06-72	57.15	1.10	

MARTIN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-23-73	54.85		2.30
				12-04-73	55.18	0.33	
				12-04-74	54.28		0.90
				11-04-75	53.57		0.71
				11-02-76	53.35		0.22
28-49-802	136	132	2728.00	12-08-70	111.49		
				01-23-73	111.51	0.02	
				12-04-73	111.52	0.01	
				12-04-74	111.64	0.12	
				11-04-75	111.51		0.13
				11-02-76	111.39		0.12
28-49-803	136	160	2738.00	12-08-70	127.85		
				01-06-72	136.20	8.35	
				01-23-73	129.45		6.75
				12-04-73	128.12		1.33
				12-04-74	130.10	1.98	
				11-04-75	130.73	0.63	
				11-03-76	138.98	8.25	
28-49-901	136	----	2743.00	12-07-70	149.95		
				01-23-73	149.93		0.02
				12-04-73	147.16		2.77
				12-04-74	148.58	1.42	
				11-04-75	147.79		0.79
				11-02-76	146.97		0.82
28-50-802	136	----	2707.00	12-07-70	129.35		
				01-06-72	129.52	0.17	
28-50-901	136	180	2671.00	12-07-70	143.20		
				01-06-72	142.68		0.52
				11-04-75	142.65		0.03
				11-03-76	143.22	0.57	
28-57-301	136	154	2691.00	12-08-70	115.22		
				01-06-72	122.20	6.98	
				01-24-73	109.52		12.68
				12-04-73	111.22	1.70	
				12-04-74	111.90	0.68	
				11-04-75	111.14		0.76
				11-02-76	112.63	1.49	

MARTIN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
28-58-102	136	165	2690.00	12-08-70	128.70		
				01-06-72	129.02	0.32	
				01-24-73	127.82		1.20
				12-03-73	131.51	3.69	
				12-04-74	127.95		3.56
				11-04-75	124.76		3.19
				11-03-76	122.68		2.08
28-58-103	136	120	2678.00	12-08-70	99.44		
				01-06-72	101.70	2.26	
				01-24-73	99.57		2.13
				12-04-74	100.10	0.53	
				11-04-75	96.70		3.40
				11-03-76	94.78		1.92
28-58-104	136	152	2711.00	12-08-70	139.00		
				01-06-72	139.14	0.14	
				01-24-73	139.14		
				12-03-73	137.38		1.76
				12-04-74	138.73	1.35	
				11-04-75	136.44		2.29
				11-03-76	134.04		2.40
28-58-105	136	----	2705.00	12-08-70	139.40		
				01-06-72	139.71	0.31	
				01-24-73	139.86	0.15	
				12-03-73	141.15	1.29	
				12-05-74	138.90		2.25
				11-04-75	138.90		
28-58-106	136	148	2686.00	12-08-70	106.06		
				01-06-72	111.00	4.94	
				01-24-73	105.55		5.45
				12-04-74	106.56	1.01	
28-58-107	136	142	2692.00	12-08-70	116.70		
				01-06-72	118.14	1.44	
				01-24-73	116.32		1.82
				12-04-74	116.25		0.07
				11-04-75	113.35		2.90
				11-03-76	110.26		3.09
28-58-304	136	205	2669.00	12-07-70	139.45		

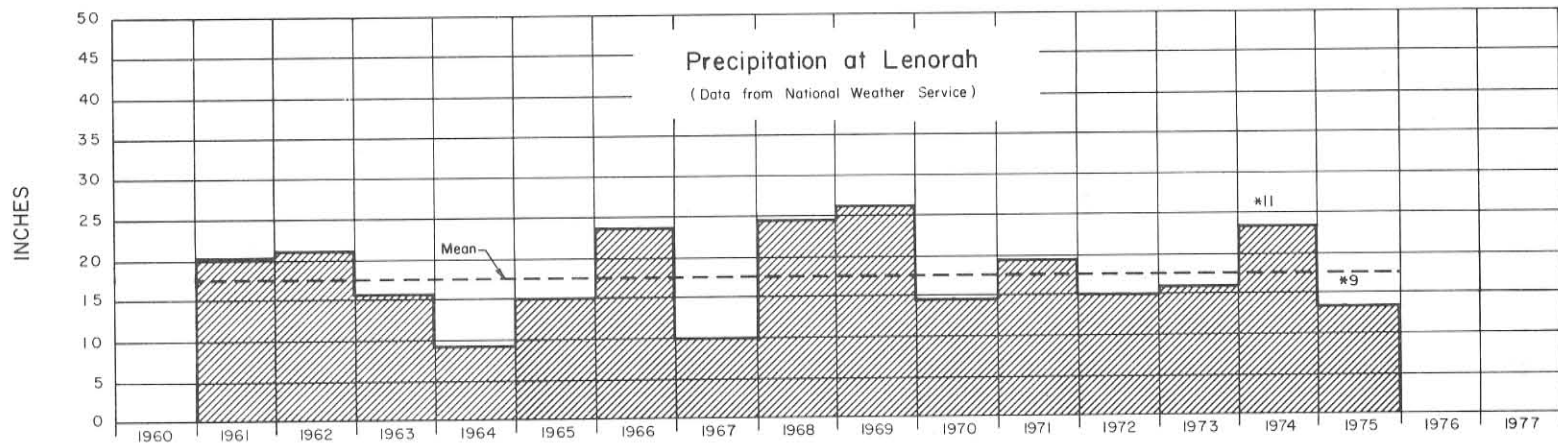
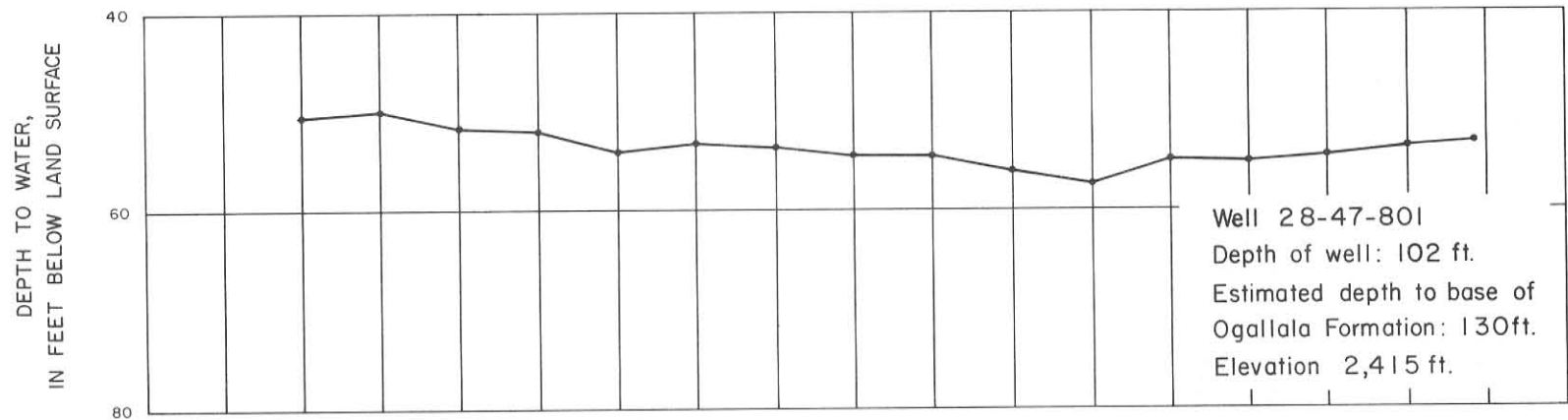
MARTIN COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
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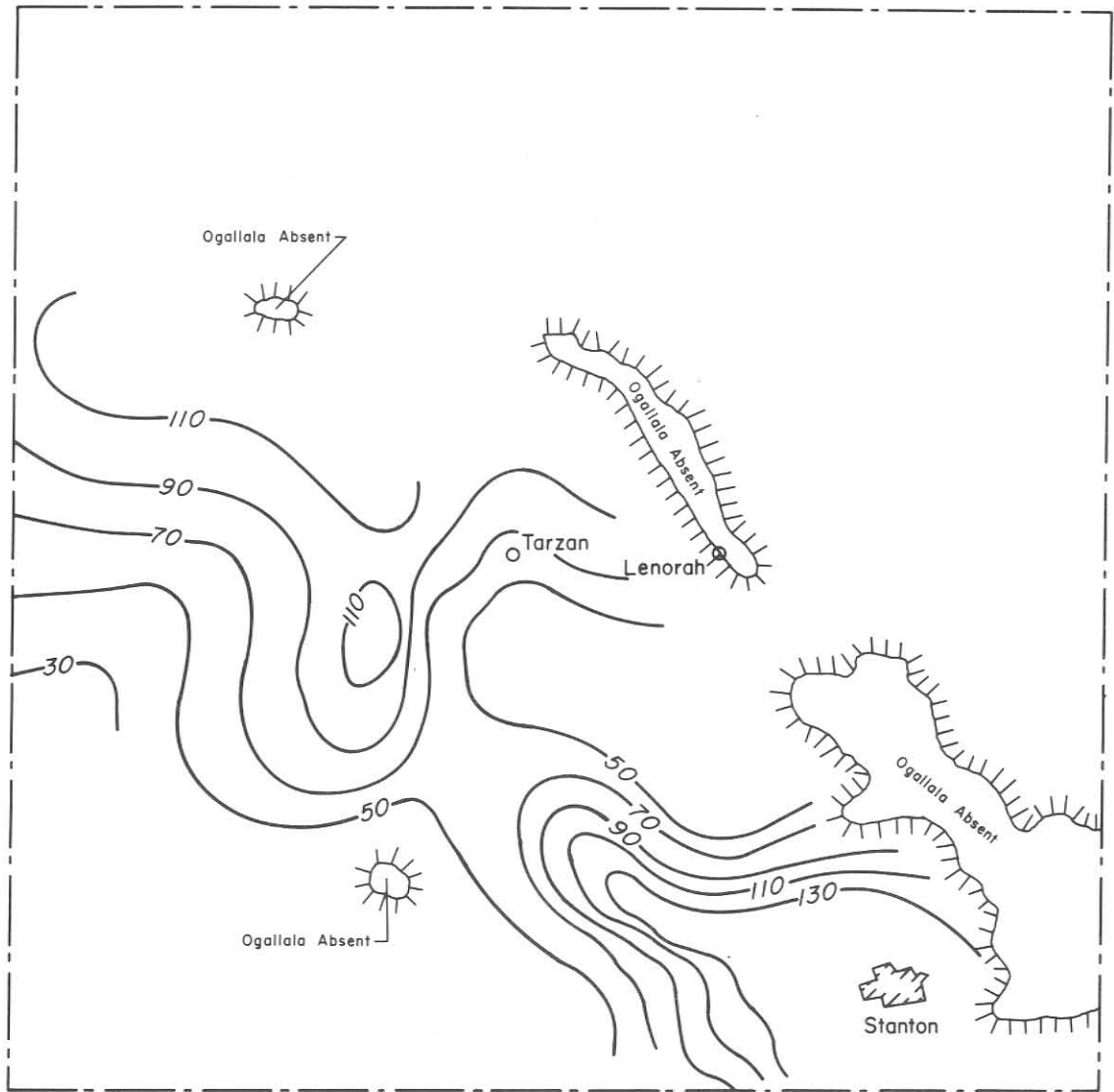
STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-06-72	141.20	1.75	
				01-24-73	135.65		5.55
				12-05-74	140.50	4.85	
				11-04-75	139.25		1.25
				11-03-76	145.60	6.35	

34 WELLS IN MARTIN COUNTY



* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrograph of Selected Well in Martin County and Precipitation at Lenorah



Contour Interval: 20 ft.

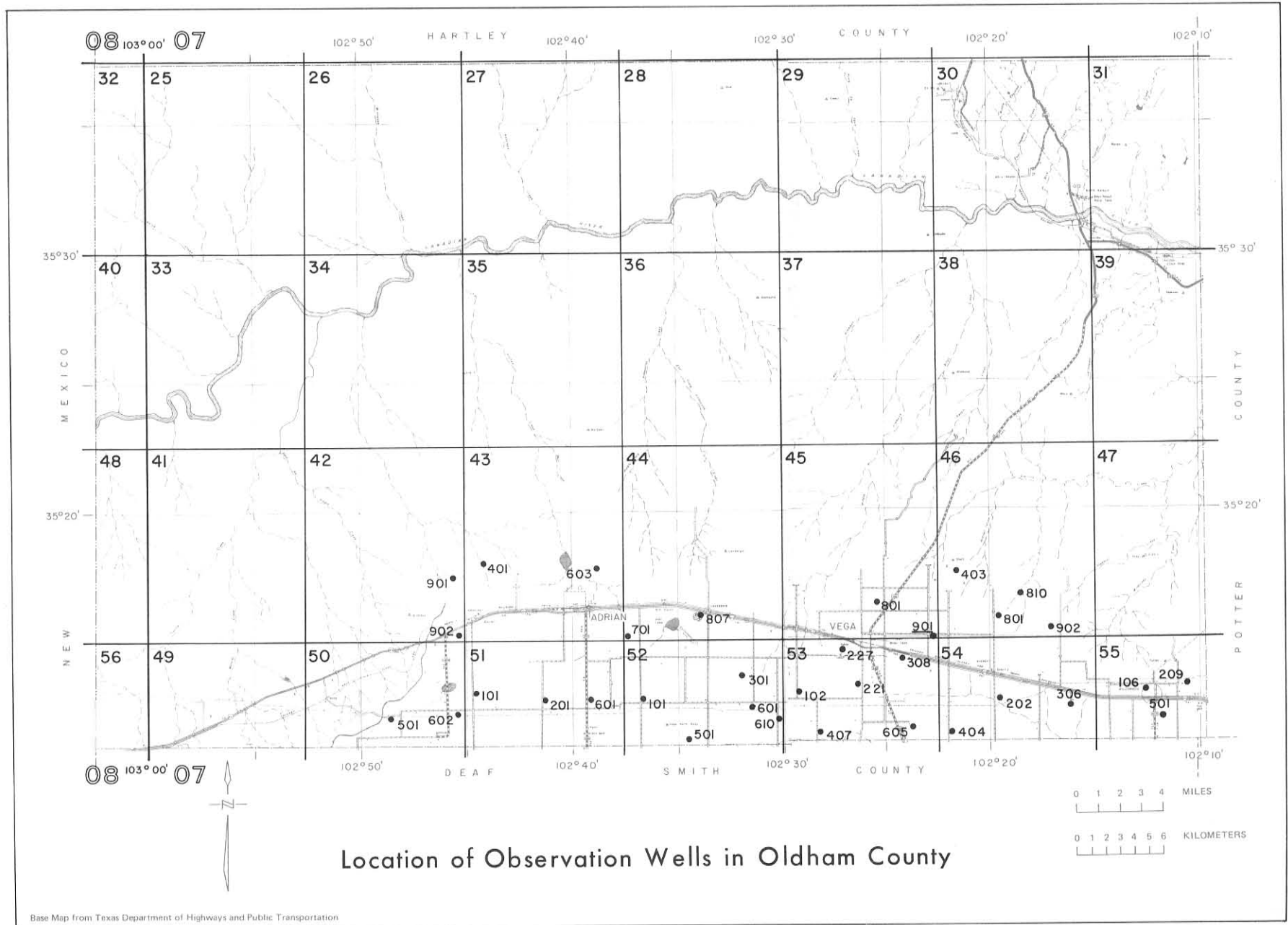
0 1 2 3 4 MILES

0 1 2 3 4 5 6 KILOMETERS



Approximate Depth to Water in the Ogallala Aquifer,
1977 Martin County

WATER-LEVEL MEASUREMENTS IN OLDHAM COUNTY



OLDHAM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
07-42-901	136	250	4138.00	01-08-76	230.84		
				01-11-77	226.79		4.05
07-42-902	136	130	4215.00	09-10-74	111.74		
				01-30-75	111.59		0.15
				01-08-76	112.22	0.63	
07-43-401	136	230	4092.00	09-11-74	200.63		
				01-30-75	200.75	0.12	
				01-08-76	200.69		0.06
07-43-603	136	200	4013.00	09-12-74	135.56		
				01-08-76	143.24	7.68	
07-44-701	136	130	4092.00	10-08-74	124.60		
				02-07-75	103.88		20.72
				01-09-76	109.35	5.47	
07-44-807	136	247	4085.00	09-27-74	184.35*		
				02-07-75	171.02		13.33
				01-09-76	171.74	0.72	
				01-11-77	172.54	0.80	
07-45-801	136	280	4006.00	10-04-74	220.95		
				02-07-75	214.72		6.23
				01-09-76	237.20	22.48	
				01-12-77	218.35		18.85
07-45-901	136	----	3995.00	01-09-71	247.69		
				01-04-72	270.17	22.48	
				01-02-73	259.26		10.91
				01-07-74	257.96*		1.30
				01-03-75	240.18		17.78
				01-12-76	249.16	8.98	
07-46-403	136	308	4026.00	10-08-74	260.82*		
				02-10-75	260.55		0.27
				01-12-76	260.73	0.18	
				01-12-77	260.60		0.13
07-46-801	136	360	4018.00	10-04-74	269.20		

OLDHAM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				02-10-75	264.39		4.81
				01-12-76	271.07	6.68	
				01-13-77	268.04		3.03
07-46-810	136	300	3992.00	10-08-74	235.22*		
				02-10-75	230.50		4.72
07-46-902	136	253	3940.00	10-04-74	195.80		0.16
				02-10-75	195.64		
				01-12-76	198.06	2.42	
				01-13-77	195.26		2.80
07-50-501	136	251	4280.00	09-10-74	223.20*		
07-50-602	136	180	4238.00	09-13-74	141.07		
				01-10-75	141.50	0.43	
				01-08-76	143.27	1.77	
				01-11-77	141.29		1.98
07-51-101	136	181	4242.00	09-26-74	159.90		
				01-30-75	155.34		4.56
				01-08-76	158.18	2.84	
07-51-201	136	192	4172.00	10-25-74	143.53		
				01-30-75	143.32		0.21
				01-08-76	146.60	3.28	
				01-11-77	141.53		5.07
07-51-601	136	175	4165.00	10-01-74	163.08		
				01-30-75	164.54*	1.46	
				01-08-76	167.17	2.63	
07-52-101	136	282	4113.00	09-13-74	219.79		
				01-30-75	219.62		0.17
				01-08-76	219.80	0.18	
				01-11-77	218.30		1.50
07-52-301	136	370	4106.00	09-27-74	273.58		
				02-07-75	266.10		7.48
				01-09-76	273.73	7.63	
				01-11-77	273.08		0.65
07-52-501	136	347	4099.00	02-07-75	241.93		

OLDHAM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-76	244.73	2.80	
				01-11-77	243.87		0.86
07-52-601	136	350	4108.00	01-09-76	294.89*		
				01-11-77	287.03		7.86
07-52-610	136	340	4091.00	09-27-74	274.12	11.84	
				01-09-76	285.96		
				01-12-77	274.07		11.89
07-53-102	136	290	4068.00	10-15-74	243.57*		
				02-07-75	240.66		2.91
				01-09-76	242.93	2.27	
07-53-221	136	337	4033.00	10-03-74	239.37*		
				02-07-75	238.31		1.06
07-53-227	136	284	4037.00	10-08-74	223.75*		
				02-07-75	224.49	0.74	
				01-09-76	230.80	6.31	
				01-13-77	224.45		6.35
07-53-308	136	258	4006.00	09-27-74	202.42		
				02-07-75	190.75		11.67
				01-09-76	203.67	12.92	
				01-12-77	203.92	0.25	
07-53-407	136	337	4055.00	09-27-74	241.24		
				02-07-75	231.03		10.21
				01-09-76	239.39	8.36	
				01-12-77	234.76		4.63
07-53-605	136	349	4009.00	11-06-74	236.20		
				02-07-75	234.22		1.98
				01-09-76	240.12	5.90	
07-54-202	136	232	3978.00	10-04-74	200.64		
				02-10-75	201.18*	0.54	
				01-12-76	199.36		1.82
07-54-306	136	284	3926.00	10-09-74	193.27		
				02-10-75	193.39	0.12	
				01-12-76	193.94	0.55	

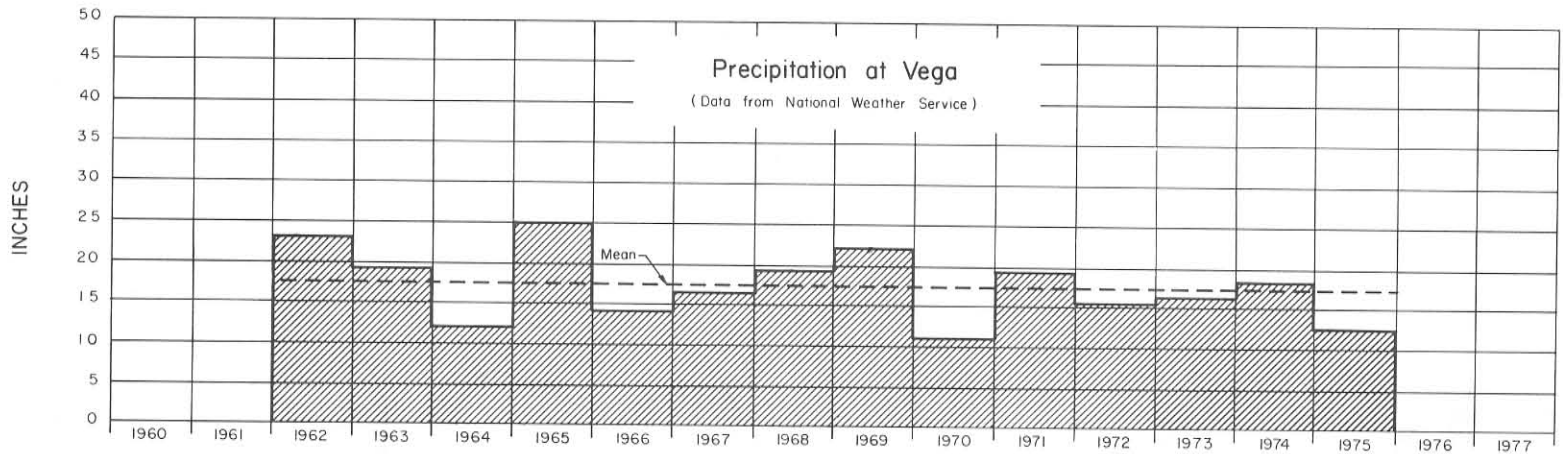
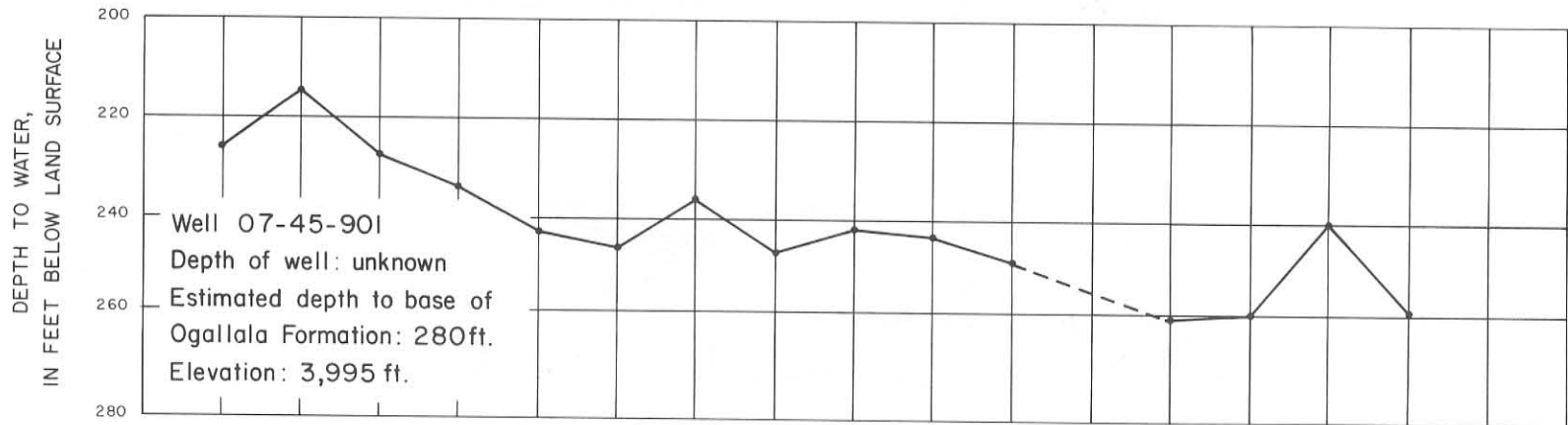
OLDHAM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

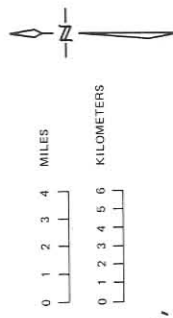
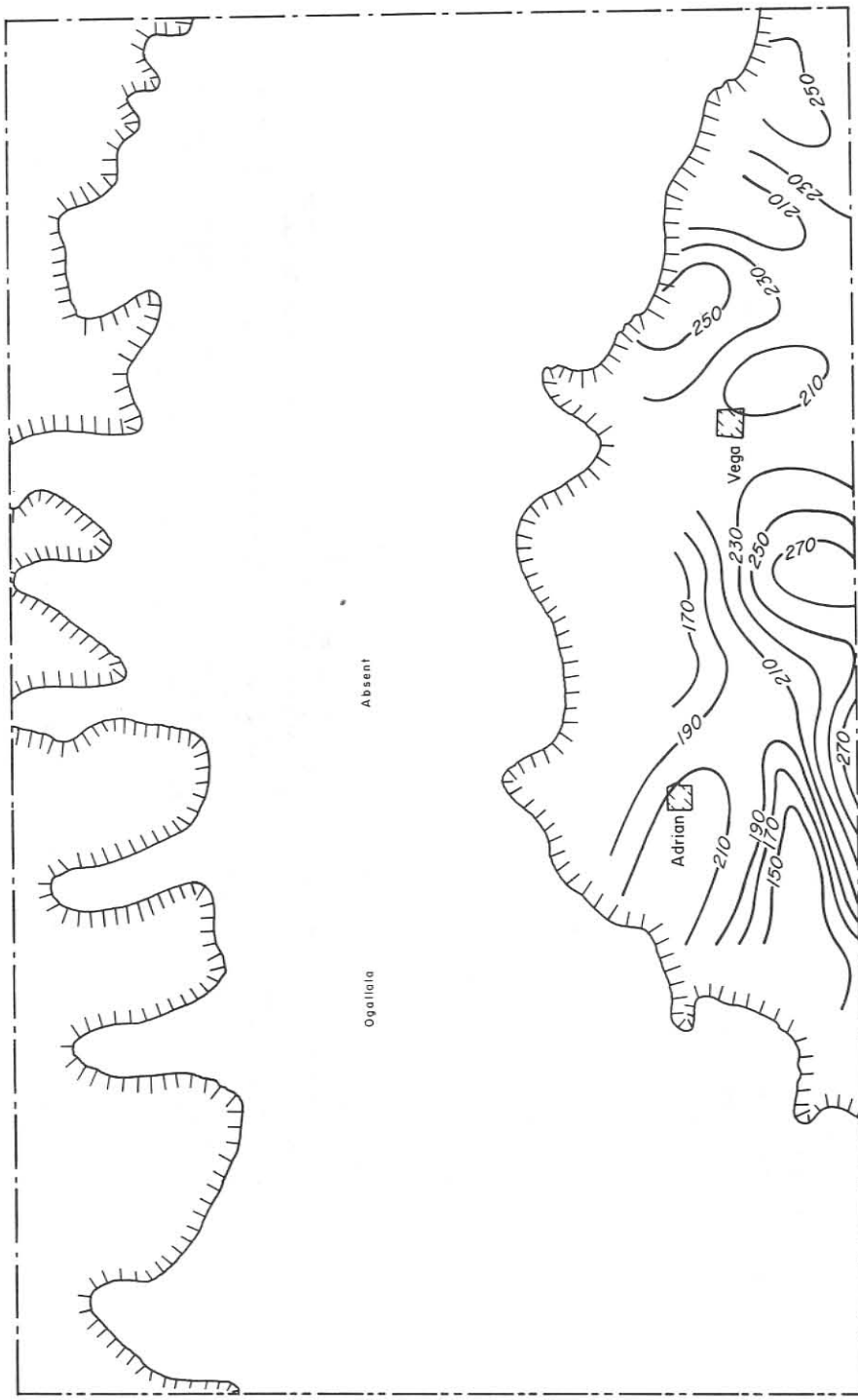
* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT		
						DECLINE	RISE	
07-54-404	136	276	3992.00	10-04-74	216.18*	2.97		
				01-12-77	219.15			
07-55-106	136	300	3934.00	10-02-74	265.60		0.71	
				02-10-75	264.89		0.59	
				01-12-76	264.30		0.58	
				01-12-77	263.72			
07-55-209	136	300	3910.00	10-02-74	249.92	0.13		
				02-10-75	250.05			
				01-12-76	273.46			23.41
				01-12-77	253.92			19.54
07-55-501	136	298	3900.00	01-09-71	234.08	11.12		
				01-04-72	245.20Q			
				01-02-73	236.60Q			8.60
				01-07-74	240.39			3.79
				01-03-75	235.24			5.15
				01-12-76	239.12			3.88
01-12-77	237.82	1.30						

34 WELLS IN OLDHAM COUNTY



Hydrograph of Selected Well in Oldham County and Precipitation at Vega



Contour Interval: 20 ft.

Approximate Depth to Water in the Ogallala Aquifer,
1977 Oldham County

03-10
1950
10
10

WATER-LEVEL MEASUREMENTS IN PARMER COUNTY

PAPMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
09-24-601	136	375	4395.00	01-06-71	325.19		
				01-04-72	325.40	0.21	
				01-22-73	325.76	0.36	
				01-10-74	329.23	3.47	
				01-10-75	331.58	2.35	
				01-07-76	335.78	4.20	
09-32-601	136	437	4261.00	03-19-73	292.76		
				01-11-74	299.34	6.58	
				01-09-75	302.44	3.10	
				01-03-77	311.56	9.12	
09-32-901	136	370	4205.00	01-07-71	231.37		
				01-05-72	236.75	7.38	
				01-22-73	242.46	3.71	
09-40-301	136	396	4205.00	03-19-73	285.16		
				01-22-74	290.71	5.55	
				01-07-75	296.43*	5.72	
				01-05-76	303.46	7.03	
				01-04-77	310.89	7.43	
09-40-901	136	391	4151.00	01-05-71	256.90Q		
				01-05-72	260.21*	3.31	
				01-03-73	261.02	0.81	
				01-08-74	265.62	4.60	
				01-07-75	269.33	3.71	
				01-04-77	277.17	7.84	
09-40-902	136	376	4138.00	01-05-71	240.76		
				01-05-72	241.08Q	0.32	
				01-22-73	241.57	0.49	
				01-08-74	238.05		3.52
				01-07-75	241.97	3.92	
				01-05-76	246.12Q	4.15	
				01-04-77	249.92	3.80	
09-40-903	136	403	4153.00	01-05-71	252.19		
				01-05-72	255.72	3.53	
				01-03-73	241.36		14.36
				01-08-74	248.22	6.86	

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-75	246.20		2.02
				01-05-76	248.49	2.29	
				01-04-77	253.27	4.78	
09-48-301	136	365	4115.00	01-05-71	232.98Q		
				01-05-72	221.30		11.68
				01-03-73	219.76		1.54
				01-08-74	221.29	1.53	
				01-07-75	225.23	3.94	
				01-05-76	229.32	4.09	
				01-04-77	232.49	3.17	
10-17-301	136	225	4136.00	01-06-71	192.53Q		
				01-04-72	193.38	0.85	
				01-22-73	192.18		1.20
				01-10-74	193.05	0.87	
				01-10-75	193.61	0.56	
				01-08-76	193.73	0.12	
				01-03-77	194.08	0.35	
10-17-401	136	340	4339.00	01-06-71	274.13		
				01-04-72	274.09		0.04
				01-22-73	275.21	1.12	
				01-10-74	280.97	5.76	
				01-10-75	279.02		1.95
				01-07-76	285.48	6.46	
				01-03-77	283.08		2.40
10-17-501	136	300	4312.00	01-06-71	258.83		
				01-04-72	261.53	2.70	
				01-22-73	263.28	1.75	
				01-10-74	264.74	1.46	
				01-10-75	266.92	2.18	
				01-08-76	266.83		0.09
				01-03-77	269.34	2.51	
10-18-501	136	350	4108.00	01-06-71	299.63		
				01-04-72	300.24	0.61	
				01-20-73	301.38	1.14	
				01-11-74	307.36	5.98	
				01-10-75	305.99		1.37
				01-08-76	308.23	2.24	
				01-03-77	308.69	0.46	

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-18-701	136	300	4107.00	01-06-71	251.63		
				01-04-72	248.58		
				01-20-73	251.77	3.19	3.05
				01-22-74	256.33	4.56	
				01-10-75	255.04		1.29
				01-03-77	258.66	3.62	
10-18-901	136	----	4059.00	01-06-71	253.35		
				01-04-72	251.20		2.15
				01-20-73	254.75	3.55	
				01-11-74	264.02	9.27	
				01-09-75	260.85		3.17
				01-08-76	269.55	8.70	
10-19-101	136	433	4078.00	01-06-71	271.63		
				01-04-72	273.82	2.19	
				01-20-73	277.11	3.29	
				01-11-74	279.62	2.51	
				01-10-75	285.71	6.09	
				01-08-76	285.74	0.03	
10-19-301	136	330	4025.00	01-06-71	265.89		
				01-08-72	268.90	3.01	
				01-20-73	270.19	1.29	
				01-11-74	275.93	5.74	
				01-10-75	277.57	1.64	
				01-08-76	278.68	1.11	
10-19-602	136	490	4021.00	01-06-71	224.64		
				01-08-72	229.61	4.97	
				01-20-73	232.68	3.07	
				01-13-74	236.48	3.80	
				01-10-75	243.52*	7.04	
				01-08-76	250.39	6.87	
10-20-401	136	344	3989.00	01-06-71	227.80		
				01-05-77	255.95	5.56	
10-20-402	136	360	3987.00	01-08-72	231.73		
				01-20-73	235.04	3.31	

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-11-74	239.85	4.61	
				01-10-75	243.57	3.72	
				01-08-76	247.43	3.86	
				01-06-77	250.42	2.99	
10-20-502	136	204	3958.00	01-06-71	172.31		
				01-08-72	166.00		6.31
				01-23-73	167.46	1.46	
				01-13-74	172.60	5.14	
				01-10-75	172.28		0.32
				01-08-76	175.14	2.86	
				01-06-77	177.96	2.82	
10-25-101	136	----	4268.00	01-04-72	290.81		
				01-22-73	293.20*	2.39	
10-25-102	136	322	4277.00	06-25-75	292.86		
				01-07-76	294.16	1.30	
				01-03-77	294.33	0.17	
10-25-301	136	361	4191.00	01-07-71	295.27		
				01-04-72	296.91	1.64	
				01-22-73	299.09	2.18	
				01-10-74	298.82		0.27
				01-09-75	299.70	0.88	
				01-08-76	303.07	3.37	
				01-03-77	301.14		1.93
10-25-501	136	----	4101.00	01-07-71	169.04		
				01-05-72	170.74	1.70	
				01-22-73	171.46	0.72	
				01-11-74	172.58	1.12	
10-25-502	136	232	4134.00	01-15-74	174.31		
				06-19-75	175.21	0.90	
				01-07-76	175.73	0.52	
				01-03-77	175.21		0.52
10-25-701	136	408	4182.00	01-07-71	256.78		
				01-05-72	262.06	5.28	
				01-22-73	264.28	2.22	
				01-11-74	270.26	5.98	
				01-07-75	275.01	4.75	

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-26-101	136	411	4175.00	01-07-76	279.83	4.82	
				01-03-77	285.28	5.45	
				01-05-72	317.38		
				01-22-73	319.44	2.06	
				01-16-75	320.82	1.38	
10-26-301	136	400	4122.00	01-08-76	321.30	0.48	
				01-03-77	322.35	1.05	
				01-07-71	309.42		
				01-05-72	315.40	5.98	
				01-22-73	321.02	5.62	
10-26-602	136	466	4076.00	01-10-74	325.18	4.16	
				01-09-75	331.59	6.41	
				01-08-76	336.78	5.19	
				01-05-77	342.94	6.16	
				01-07-71	279.53		
10-26-701	136	235	4072.00	01-07-72	284.47	4.94	
				01-22-73	287.74	3.27	
				01-13-74	292.45	4.71	
				01-09-75	296.65	4.20	
				01-08-76	301.18	4.53	
10-26-702	136	357	4072.00	01-05-77	306.77	5.59	
				06-16-75	228.51		
				01-05-76	225.28		3.23
				01-04-77	228.74	3.46	
10-26-801	136	----	4052.00	01-07-71	222.89		
10-26-802	136	415	4053.00	01-07-72	221.55		
				01-22-73	224.74	3.19	
				01-12-74	227.15	2.41	
				01-08-75	230.48	3.33	
				01-07-76	234.89	4.41	
				01-05-77	239.66	4.77	

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-27-102	136	428	4066.00	01-07-72	267.99Q		
				01-20-73	267.91		
				01-13-74	279.63	11.72	0.08
				01-16-75	278.36		1.27
				01-08-76	282.56Q	4.20	
				01-05-77	288.60	6.04	
10-27-301	136	456	4056.00	01-08-71	302.32		
				01-08-72	300.46		1.86
				01-20-73	303.22	2.76	
				01-13-74	306.97	3.75	
				01-09-75	310.79Q	3.82	
				01-08-76	320.83*	10.04	
10-27-501	136	493	4091.00	01-08-71	328.29		
				01-07-72	334.00	5.71	
				01-20-73	335.07	1.07	
				01-13-74	342.28	7.21	
				01-09-75	348.53	6.25	
				01-08-76	355.28	6.75	
10-27-901	136	295	4009.00	01-08-71	247.29		
				01-20-73	252.04	4.75	
				01-10-74	254.20	2.16	
				01-09-75	261.93	7.73	
				01-09-76	265.70	3.77	
				01-06-77	270.82	5.12	
10-28-201	136	320	4010.00	01-08-71	274.15		
10-28-202	136	460	4010.00	01-08-72	275.89		
				01-20-73	280.94	5.05	
				01-13-74	285.05	4.11	
				01-10-75	290.88	5.83	
				01-08-76	293.70	2.82	
01-06-77	300.96	7.26					
10-28-501	136	508	4008.00	01-08-71	286.13		
				01-08-72	290.30	4.17	
				01-20-73	298.38	8.08	
				01-12-74	298.73	0.35	

PAPMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-10-75	305.37	6.64	
				01-08-76	310.86	5.49	
				01-06-77	318.43	7.57	
10-33-101	136	408	4174.00	01-05-71	278.01		
				01-05-72	282.23	4.22	
				01-03-73	284.02	1.79	
				01-08-74	286.84	2.82	
				01-07-75	293.27	6.43	
				01-05-76	295.85	2.58	
				01-04-77	300.37	4.52	
10-33-301	136	320	4094.00	01-07-71	261.87		
				01-06-72	241.91		19.96
				01-22-73	243.06	1.15	
				01-08-74	255.22	12.16	
				01-16-75	251.64		3.58
				01-05-76	252.41	0.77	
				01-04-77	258.02	5.61	
10-33-401	136	305	4155.00	01-05-71	277.60		
				01-05-72	281.49	3.89	
				01-03-73	282.83	1.34	
10-33-501	136	395	4131.00	03-19-73	269.86		
				01-08-75	277.46	7.60	
				01-07-76	281.37	3.91	
				01-04-77	286.22	4.85	
10-33-601	136	364	4119.00	01-07-71	282.28		
				01-06-72	281.85		0.43
				01-03-73	283.06	1.21	
				01-08-74	285.74	2.68	
				01-08-75	289.93	4.19	
				01-07-76	294.93*	5.00	
				01-04-77	299.95	5.02	
10-33-802	136	371	4067.00	01-05-71	207.13		
				01-06-72	203.61		3.52
				01-03-73	206.05	2.44	
				01-08-74	211.43	5.38	
				01-08-75	212.99	1.56	
				01-07-76	217.22	4.23	

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-05-77	221.36	4.14	
10-33-902	136	375	4049.00	01-05-71	212.42		
				01-22-73	205.56		6.86
				01-08-74	211.92	6.36	
				01-08-75	211.50		0.42
				01-07-76	214.55	3.05	
				01-05-77	220.81	6.26	
10-34-102	136	459	4068.00	01-07-71	211.14		
				01-06-72	214.54	3.40	
				01-22-73	217.28	2.74	
				01-12-74	226.60	9.32	
				01-07-75	222.56		4.04
				01-07-76	227.32	4.76	
				01-05-77	230.96	3.64	
10-34-301	136	----	4024.00	01-07-71	221.39		
				01-07-72	224.30	2.91	
10-34-302	136	413	4023.00	01-22-73	212.99		
				01-12-74	215.25	2.26	
				01-07-75	219.63	4.38	
				01-08-76	223.00	3.37	
				01-06-77	226.96	3.96	
10-34-401	136	488	4101.00	01-07-71	284.47		
				01-06-72	277.67		6.80
				01-03-73	280.25	2.58	
				01-08-74	282.75	2.50	
				01-07-75	288.29	5.54	
				01-07-76	292.18	3.89	
				01-05-77	296.34	4.16	
10-34-801	136	374	4029.00	01-05-71	207.66		
				01-06-72	211.85	4.19	
				01-03-73	214.16	2.31	
				01-08-74	217.20	3.04	
				01-08-75	221.29	4.09	
				01-07-76	225.17	3.88	
				01-05-77	228.09	2.92	
10-34-802	136	386	4054.00	01-05-71	235.47		

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-06-72	243.01	7.54	
				01-03-73	242.98		0.03
				01-08-74	250.45	7.47	
				01-08-75	252.41	1.96	
				01-07-76	251.28		1.13
				01-05-77	254.84	3.56	
10-35-304	136	461	3978.00	01-08-71	209.49		
				01-07-72	207.42		2.07
				01-20-73	209.44	2.02	
				01-12-74	219.39	9.95	
				01-03-75	218.07		1.32
				01-09-76	221.09	3.02	
				01-07-77	225.73	4.64	
10-35-401	136	333	4028.00	01-08-71	246.54		
				01-06-72	240.13		6.41
				01-22-73	242.95	2.82	
				01-12-74	247.17	4.22	
				01-03-75	251.52	4.35	
				01-12-76	254.01	2.49	
				01-06-77	263.22	9.21	
10-35-501	136	346	4008.00	01-20-73	230.20		
				01-12-74	234.03	3.83	
				01-08-75	240.22	6.19	
				01-12-76	245.45	5.23	
				01-06-77	251.56	6.11	
10-35-601	136	385	3964.00	01-26-73	211.04		
				01-12-74	214.41	3.37	
				01-03-75	219.94	5.53	
				01-12-76	230.14*	10.20	
				01-07-77	230.16	0.02	
10-35-702	136	385	3991.00	01-05-71	214.86		
				01-06-72	218.33	3.47	
				01-22-73	220.89	2.56	
				01-07-74	224.03	3.14	
				01-03-75	229.49	5.46	
				01-12-76	231.00	1.51	
				01-06-77	238.11	7.11	

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-35-901	136	408	3966.00	01-06-71	242.99		
				01-07-72	245.10Q	2.11	
				01-20-73	250.58	5.48	
				01-07-74	253.88	3.30	
				01-03-75	258.14	4.26	
				01-12-76	260.62	2.48	
				01-07-77	264.31	3.69	
10-35-902	136	325	3965.00	01-08-71	246.15		
				01-07-72	241.60		4.55
				01-20-73	243.61	2.01	
				01-12-74	248.08	4.47	
				01-03-75	252.45	4.37	
				01-12-76	255.35	2.90	
				01-07-77	259.35	4.00	
10-36-101	136	253	3944.00	01-08-71	212.80		
				01-08-72	208.92		3.88
				01-20-73	210.08	1.16	
				01-12-74	212.97	2.89	
				01-09-75	215.88	2.91	
				01-09-76	219.98	4.10	
10-36-102	136	387	3944.00	11-18-75	210.00		
				01-06-77	223.91	13.91	
10-36-601	136	366	3901.00	01-08-71	193.21		
				01-07-72	203.92	10.71	
				01-20-73	201.00		2.92
				01-12-74	208.31	7.31	
				01-09-75	212.01	3.70	
				01-09-76	219.49	7.48	
				01-07-77	222.03	2.54	
10-36-801	136	369	3901.00	01-08-71	187.85		
				01-07-72	190.07	2.22	
				01-20-73	192.37	2.30	
				01-12-74	201.48	9.11	
				01-03-75	197.99		3.49
				01-09-76	201.91	3.92	
				01-07-77	204.90	2.99	
10-41-201	136	260	4043.00	01-05-71	170.29		

PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-05-72	170.75	0.46	
				01-22-73	173.77	3.02	
				01-08-74	177.00	3.23	
				01-07-75	183.21	6.21	
10-41-202	136	----	4017.00	01-05-71	155.91		
				01-03-73	159.69	3.78	
10-41-209	136	395	4061.00	01-05-76	201.06		
				01-04-77	206.46	5.40	
10-41-301	136	413	4026.00	01-22-74	180.18		
				01-07-75	187.48	7.30	
				01-05-76	190.04	2.56	
				01-04-77	194.42	4.38	
10-42-101	136	340	4002.00	01-05-71	176.31		
				01-23-73	179.26	2.95	
10-42-102	136	397	4010.00	03-19-73	170.29		
				01-08-74	174.04	3.75	
				01-07-75	178.43	4.39	
				01-12-76	181.82	3.39	
				01-05-77	186.01	4.19	
10-42-202	136	360	4010.00	01-05-71	197.96		
				01-06-72	201.73	3.77	
				01-03-73	203.38	1.65	
				01-08-74	205.80	2.42	
				01-08-75	210.79	4.99	
				01-07-76	214.53	3.74	
				01-05-77	216.20	1.67	
10-42-501	136	402	3964.00	01-05-71	153.39		
				01-06-72	156.86	3.47	
				01-23-73	159.43	2.57	
				01-08-74	162.17	2.74	
				01-07-75	167.42	5.25	
				01-07-76	170.60	3.18	
				01-05-77	175.29	4.69	
10-43-201	136	340	3932.00	01-09-71	205.03		
				01-07-72	205.83	0.80	

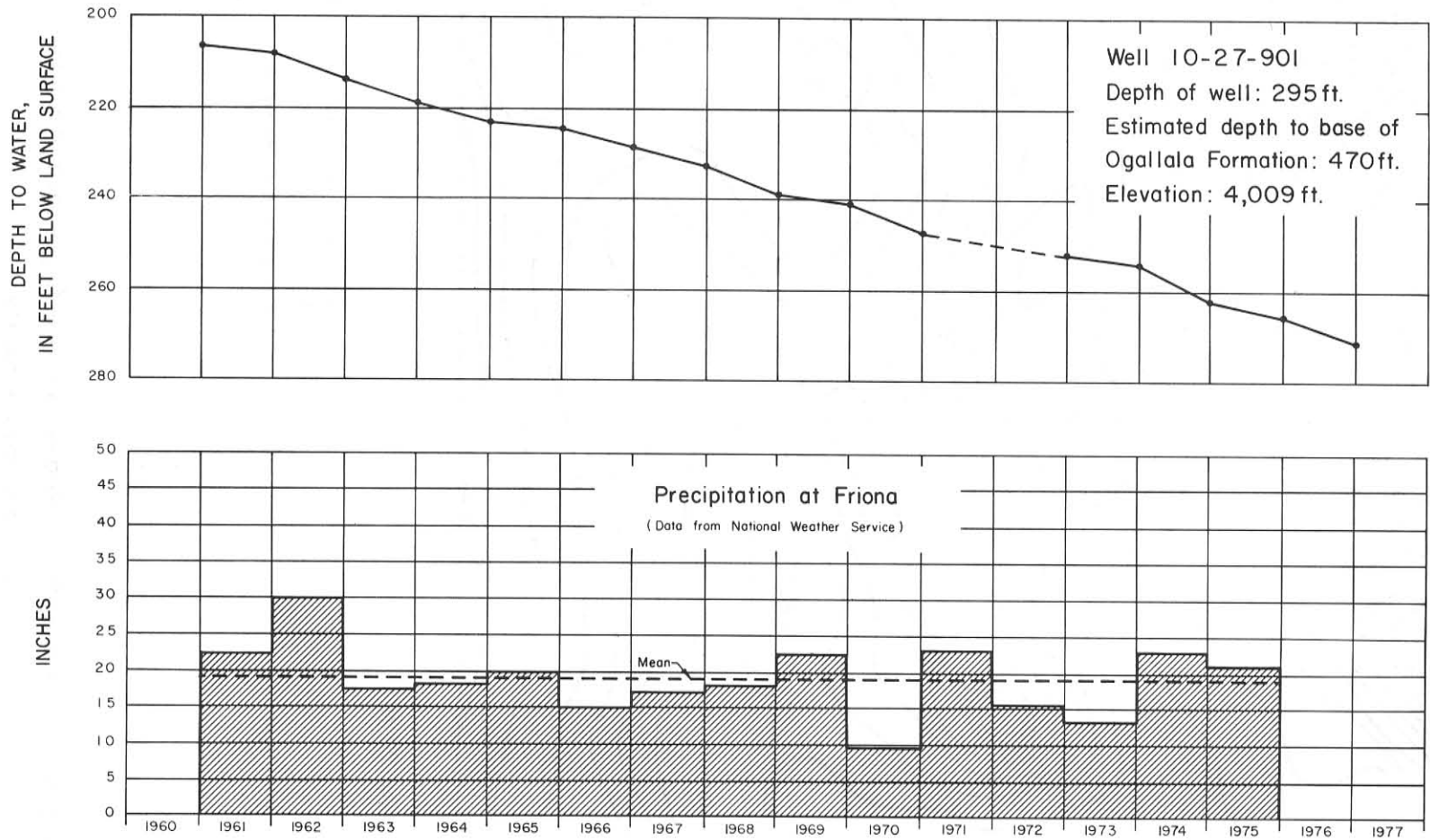
PARMER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-20-73	208.11	2.28	
				01-07-74	212.39	4.28	
				01-03-75	218.27	5.88	
				01-12-76	220.37	2.10	
				01-07-77	224.65	4.28	
10-44-101	136	250	3880.00	01-09-71	194.03		
				01-20-73	183.29		10.74
				01-12-74	193.67	10.38	
				01-03-75	197.78	4.11	
				01-12-76	195.64		2.14
10-44-102	136	401	3880.00	06-04-76	200.00		
				01-07-77	201.94	1.94	
10-44-201	136	252	3866.00	01-09-71	205.32		
				01-07-72	201.46		3.86
				01-20-73	201.04		0.42
				01-22-74	199.85		1.19
				01-16-75	195.52		4.33
10-44-202	136	375	3870.00	06-19-75	210.00		
				01-09-76	208.12		1.88
				01-07-77	214.84	6.72	

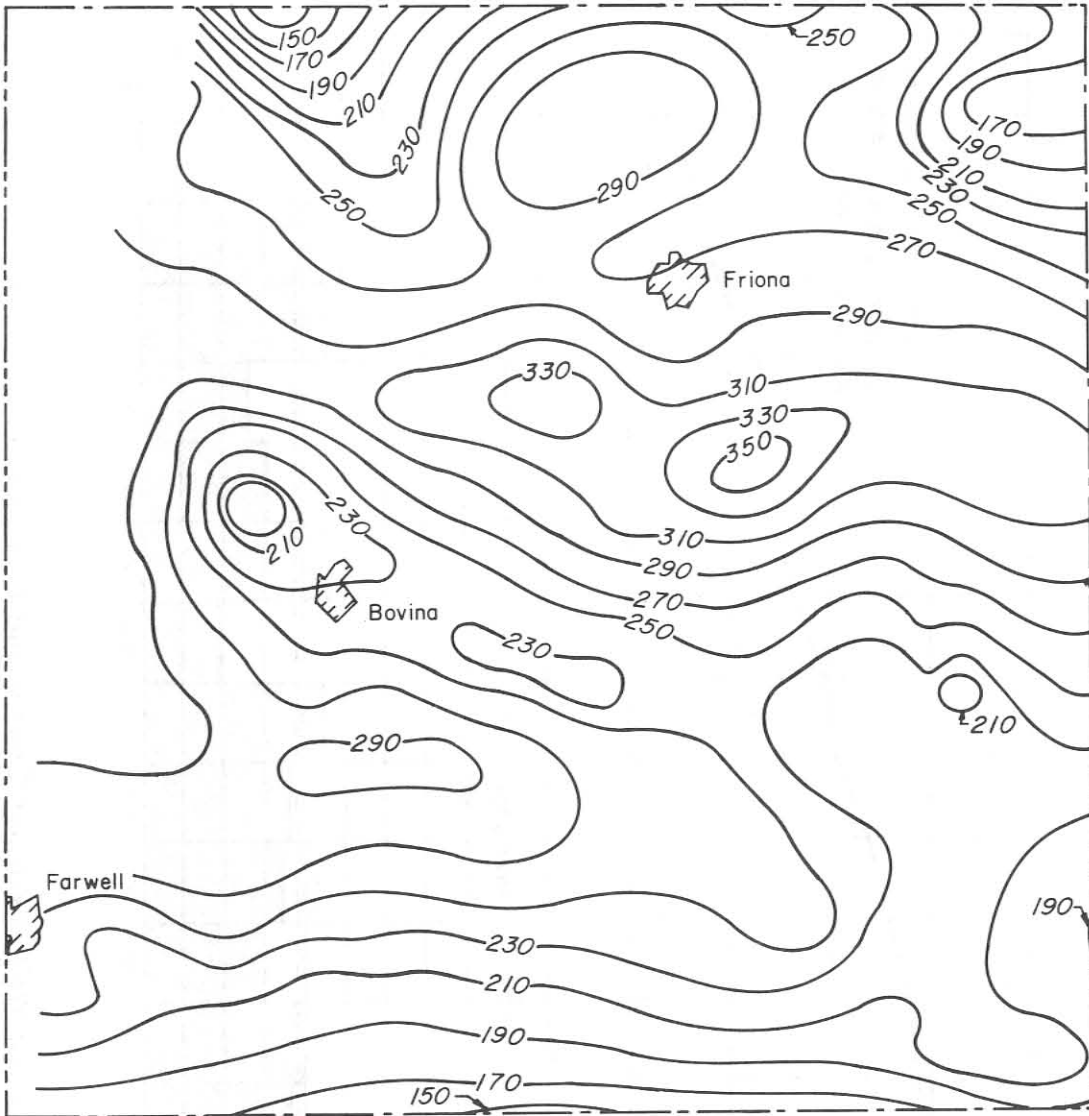
77 WELLS IN PARMER COUNTY



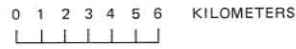
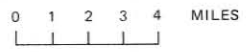
Hydrograph of Selected Well in Parmer County and Precipitation at Friona

MEXICO

NEW

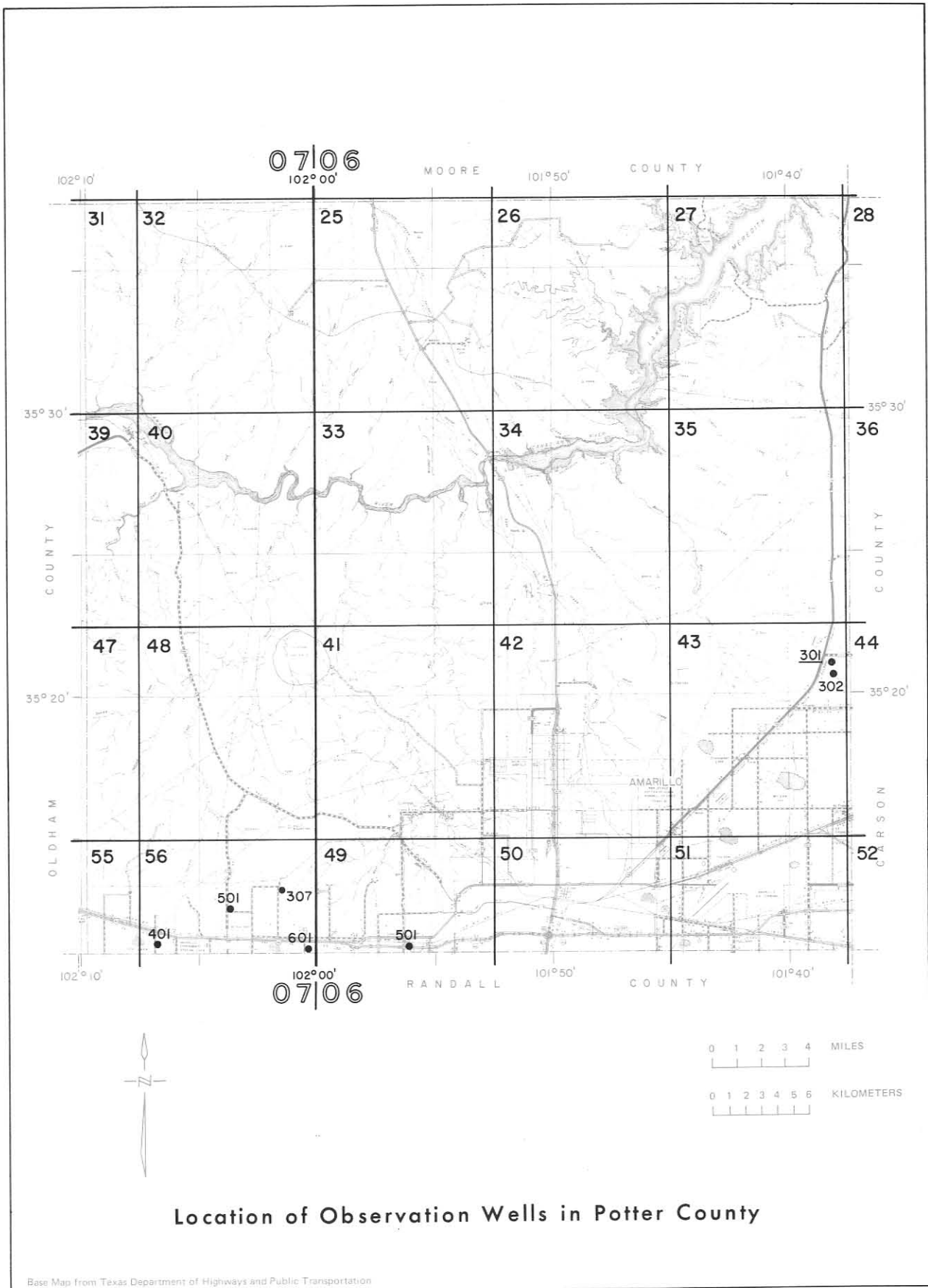


Contour Interval: 20 ft.



Approximate Depth to Water in the Ogallala Aquifer,
1977 Parmer County

WATER-LEVEL MEASUREMENTS IN POTTER COUNTY



POTTER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-43-301	136	606	3598.00	11-11-70	427.85		
				12-22-71	429.05	1.20	
				12-23-72	429.30	0.25	
				12-19-73	430.40	1.10	
				11-29-74	432.00	1.60	
				11-15-75	433.10	1.10	
				12-05-76	434.70	1.60	
06-43-302	136	713	3592.00	11-11-70	429.05		
				11-11-71	430.00	0.95	
				11-16-72	430.60	0.60	
				12-01-73	431.30	0.70	
				11-29-74	432.20	0.90	
				11-10-75	433.40	1.20	
				12-05-76	432.05		1.35
06-49-501	136	----	3725.00	01-04-72	192.94		
				01-19-73	193.43	0.49	
				01-07-74	194.17	0.74	
				01-05-75	195.15	0.98	
				01-16-76	195.79	0.64	
				01-03-77	196.26	0.47	
07-56-307	136	295	3814.00	09-13-76	227.48		
				01-03-77	232.87*	5.39	
07-56-401	136	356	3858.00	01-11-71	225.19Q		
				01-19-73	222.88		2.31
				01-05-75	225.24	2.36	
				01-03-77	232.37	7.13	
07-56-501	136	300	3824.00	01-11-71	219.24		
				01-04-72	218.98		0.26
				01-19-73	219.48	0.50	
				01-07-74	228.57	9.09	
				01-05-75	221.77		6.80
				01-16-76	220.47		1.30
				01-03-77	222.78	2.31	
07-56-601	136	286	3786.00	01-11-71	219.23		
				01-19-73	206.09		13.14

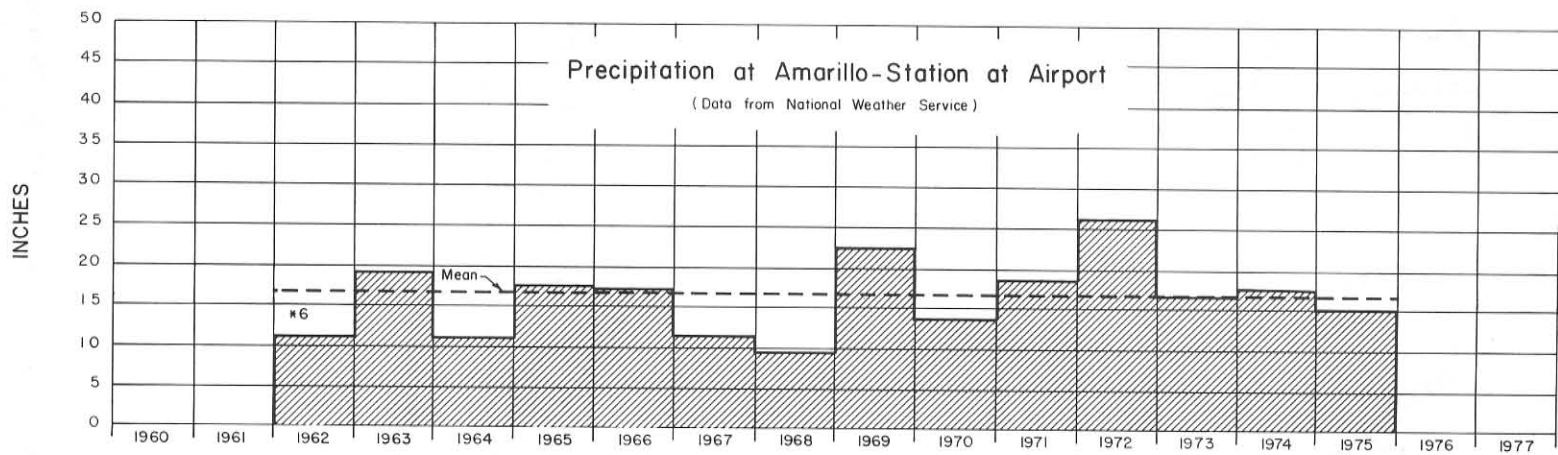
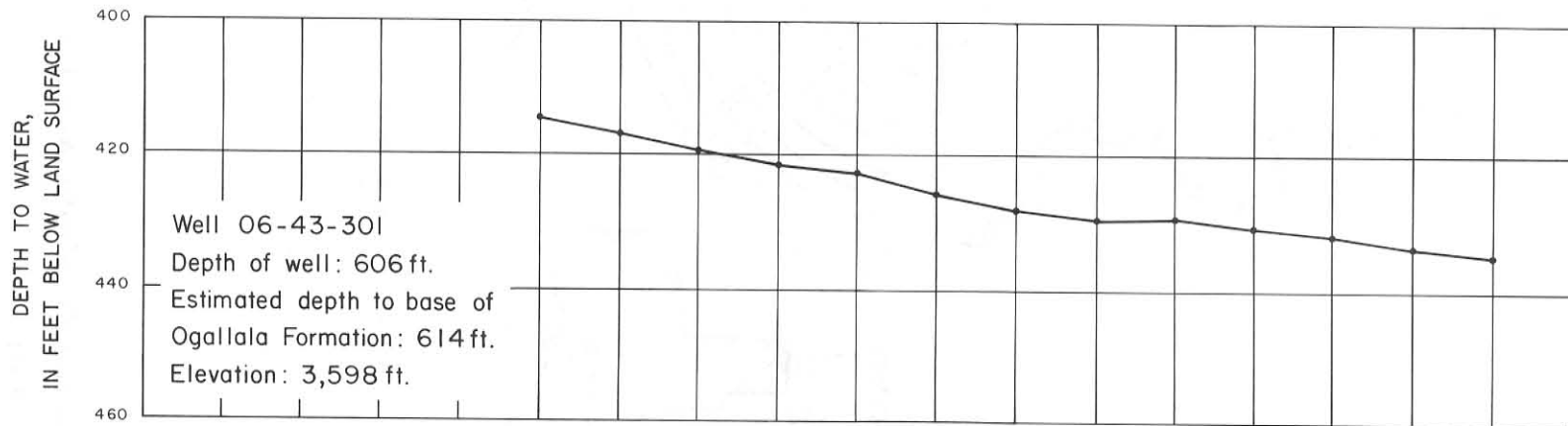
POTTER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

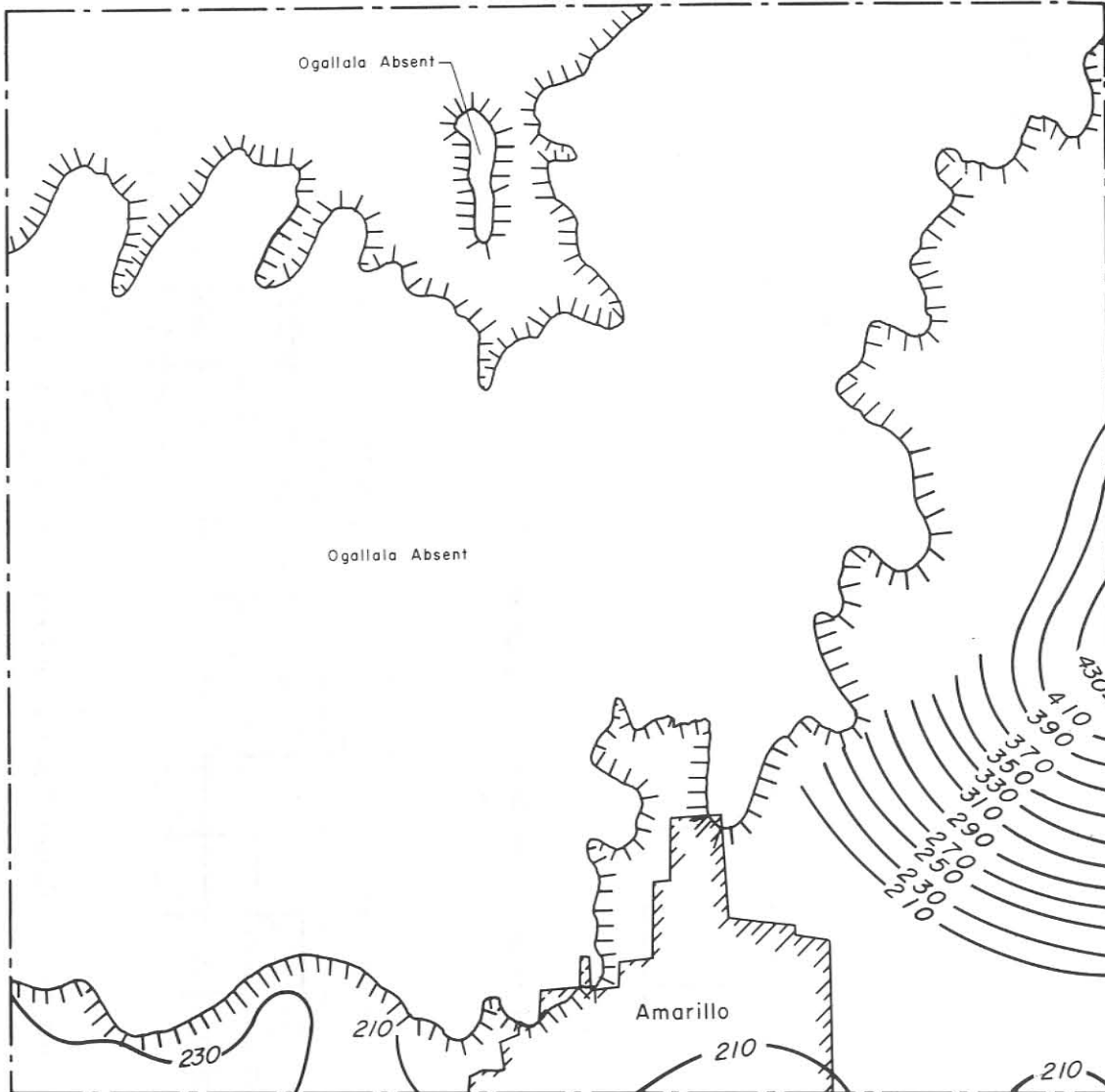
STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-05-75	212.52	6.43	
				01-16-76	214.30	1.78	
				01-03-77	216.39	2.09	

7 WELLS IN POTTER COUNTY



* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrograph of Selected Well in Potter County and Precipitation at Amarillo



Contour Interval: 20 ft.

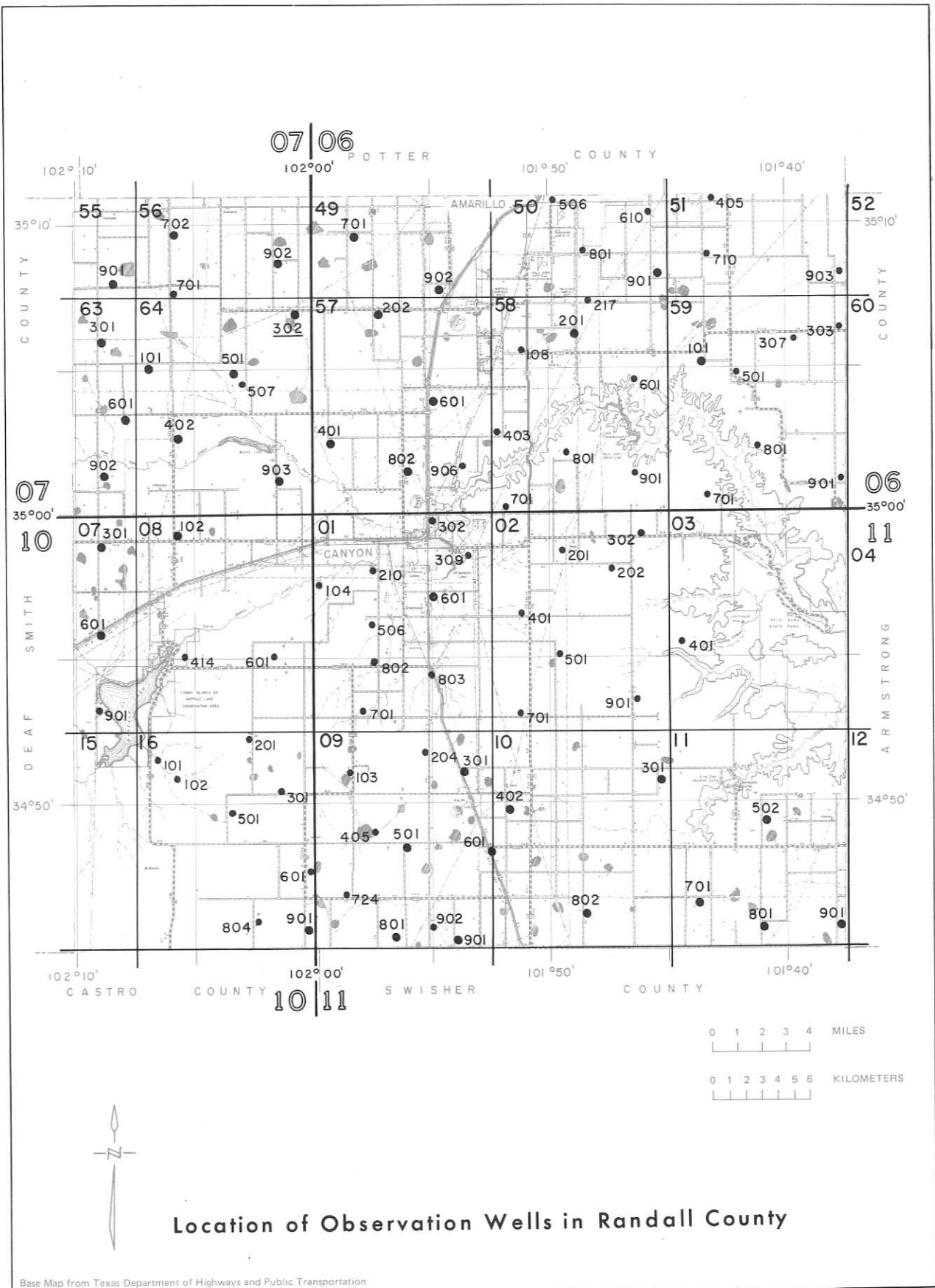
0 1 2 3 4 MILES

0 1 2 3 4 5 6 KILOMETERS



Approximate Depth to Water in the Ogallala Aquifer,
1977 Potter County

WATER-LEVEL MEASUREMENTS IN RANDALL COUNTY



Location of Observation Wells in Randall County

Base Map from Texas Department of Highways and Public Transportation

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-49-701	136	314	3755.00	01-11-71	222.83		
				01-13-72	233.86	11.03	
				01-19-73	228.13		5.73
				01-04-75	229.73	1.60	
				01-14-76	231.91	2.18	
				01-13-77	231.66Q		0.25
06-49-902	136	262	3695.00	01-11-71	203.99		
				01-13-72	204.85	0.86	
				01-19-73	203.59		1.26
06-50-506	246	320	3655.00	01-08-76	213.82		
				01-07-77	215.47*	1.65	
06-50-610	136	316	3606.00	11-17-75	225.75		
				01-08-76	216.98		8.77
				01-04-77	218.65	1.67	
06-50-801	246	347	3592.00	11-21-75	197.80		
				01-08-76	192.75		5.05
				01-04-77	194.36	1.61	
06-50-901	246	390	3601.00	01-11-71	223.04		
				01-13-72	215.55		7.49
				01-19-73	216.39	0.84	
				01-08-74	218.30	1.91	
				01-04-75	220.16	1.86	
				01-08-76	221.73	1.57	
				01-04-77	222.55	0.82	
01-13-77	223.15	0.60					
06-51-405	136	313	3593.00	11-21-75	214.33		
				01-08-76	214.31		0.02
06-51-710	136	326	3585.00	11-07-75	200.56		
				01-08-76	199.80		0.76
				01-04-77	201.96	2.16	
06-51-903	136	315	3519.00	11-07-75	223.88*		
				01-09-76	223.27*		0.61
				01-04-77	218.21		5.06

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-57-202	136	257	3711.00	01-10-71	190.20		
				01-13-72	191.29	1.09	
				01-19-73	192.94*	1.65	
				01-04-75	192.04		0.90
				01-14-76	201.18*	9.14	
				01-13-77	194.71		6.47
06-57-401	136	230	3693.00	01-11-71	173.97		
				01-13-72	172.39		1.58
				01-01-73	177.97*	5.58	
				01-04-75	175.46		2.51
				01-14-76	178.97	3.51	
				01-13-77	178.18		0.79
06-57-601	136	225	3664.00	01-13-72	171.97		
				01-19-73	174.39	2.42	
				01-11-74	180.60	6.21	
				01-04-75	178.94		1.66
				01-14-76	181.14	2.20	
				01-13-77	184.06	2.92	
06-57-802	136	230	3635.00	01-11-71	150.58		
				01-13-72	152.95	2.37	
				01-01-73	156.43	3.48	
				01-09-74	157.38	0.95	
				01-03-75	156.55		0.83
				01-14-76	158.68	2.13	
				01-13-77	159.41	0.73	
06-57-906	136	160	3602.00	11-25-75	115.95		
				01-08-76	115.84		0.11
06-58-108	136	192	3619.00	11-20-75	155.16		
				01-08-76	153.05		2.11
06-58-201	136	----	3607.00	01-13-72	210.46		
				01-19-73	214.14*	3.68	
				01-04-75	219.60	5.46	
				01-08-76	222.24	2.64	
				01-13-76	222.98	0.74	
				01-05-77	221.72		1.26
				01-13-77	221.93	0.21	

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-58-217	136	261	3606.00	11-17-75	225.52		
				01-08-76	218.93		6.59
06-58-403	136	222	3621.00	11-20-75	141.42		
				01-08-76	141.86	0.44	
06-58-601	136	250	3580.00	11-20-75	193.87		
				01-09-76	193.66		0.21
				01-07-77	194.14	0.48	
06-58-701	136	162	3615.00	11-14-75	126.43*		
				01-12-76	132.93*	6.50	
				01-05-77	125.24		7.69
06-58-801	136	206	3603.00	11-05-75	175.05*		
				01-12-76	170.05		5.00
06-58-901	136	185	3562.00	11-06-75	154.87		
				01-12-76	154.86		0.01
06-59-101	136	----	3567.00	01-11-71	197.22		
				01-13-72	197.29	0.07	
				01-19-73	197.44	0.15	
				01-08-74	197.59	0.15	
				01-04-75	197.56		0.03
				01-08-76	197.85	0.29	
				01-13-76	197.60		0.25
				01-04-77	196.60		1.00
06-59-303	136	268	3537.00	11-21-75	223.23*		
				01-09-76	228.51*	5.28	
				01-04-77	219.65		8.86
06-59-307	136	321	3535.00	11-24-75	184.28		
				01-09-76	184.18		0.10
06-59-501	246	426	3553.00	11-24-75	213.56		
				01-09-76	215.69*	2.13	
06-59-701	136	218	3500.00	11-05-75	158.52*		
				01-12-76	148.76		9.76
				01-05-77	149.48	0.72	

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
06-59-801	246	341	3500.00	01-12-76	234.48		
				01-04-77	234.24		0.24
06-59-901	335	390	3487.00	11-24-75	220.23		
				01-09-76	218.65		1.58
				01-04-77	214.55		4.10
07-55-901	136	----	3841.00	01-10-71	193.84		
				01-13-72	195.42	1.58	
				01-01-73	200.40	4.98	
				01-04-75	207.86	7.46	
				01-14-76	212.18	4.32	
01-13-77	215.39	3.21					
07-56-701	136	291	3808.00	01-10-71	204.84		
				01-13-72	208.68	4.04	
				01-01-73	211.52*	2.64	
				01-07-74	213.55	2.03	
				01-04-75	216.16	2.61	
				01-14-76	218.73	2.57	
01-13-77	221.45	2.72					
07-56-702	136	----	3830.00	01-10-71	225.10		
				01-13-72	230.64	5.54	
				01-01-73	234.37	3.73	
				01-07-74	233.32		1.05
				01-04-75	239.58	6.26	
				01-14-76	245.01	5.43	
01-13-77	246.88	1.87					
07-56-902	136	307	3765.00	01-10-71	196.65		
				01-13-72	203.07	6.42	
				01-19-73	201.06		2.01
				01-04-75	208.29	7.23	
				01-14-76	207.84		0.45
01-13-77	210.22	2.38					
07-63-301	136	288	3834.00	01-10-71	213.52		
				01-12-72	204.66		8.86
				01-01-73	218.36	13.70	
				01-11-74	220.70	2.34	
				01-04-75	223.86	3.16	
01-14-76	226.87	5.01					

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-13-77	231.48	2.61	
07-63-601	136	240	3796.00	01-10-71	153.63		
				01-12-72	155.17	1.54	
				01-01-73	157.84	2.67	
				01-11-74	161.24	3.40	
				01-05-75	164.47*	3.23	
				01-14-76	167.20	2.73	
				01-14-77	171.70	4.50	
07-63-902	136	190	3786.00	01-10-71	137.60		
				01-12-72	138.43	0.83	
				01-01-73	138.15		0.28
				01-05-75	145.87	7.72	
				01-14-76	149.21Q	3.34	
				01-14-77	155.63Q	6.42	
07-64-101	136	276	3807.00	01-10-71	204.14		
				01-13-72	205.34	1.20	
				01-11-74	198.50*		6.84
07-64-302	136	200	3711.00	04-22-70	151.70		
				06-09-70	151.60		0.10
				08-18-70	152.26	0.66	
				10-13-70	153.00	0.74	
				12-15-70	153.81	0.81	
				02-11-71	154.00	0.19	
				04-27-71	153.78		0.22
				06-16-71	153.75		0.03
				08-11-71	154.08	0.33	
				10-06-71	154.38	0.30	
				12-12-71	154.58	0.20	
				01-13-72	154.50		0.08
				02-13-72	154.32		0.18
				04-16-72	154.00		0.32
				06-07-72	153.96		0.04
				08-15-72	154.33	0.37	
				10-17-72	154.60	0.27	
				12-06-72	154.64	0.04	
				01-19-73	154.53		0.11
				02-08-73	154.45		0.08
03-29-73	154.28		0.17				
06-14-73	154.00		0.28				

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				08-08-73	154.21	0.21	
				10-09-73	154.75	0.54	
				12-19-73	155.55	0.80	
				01-07-74	155.68	0.13	
				02-20-74	155.89	0.21	
				04-17-74	155.85		0.04
				07-22-74	155.63		0.22
				10-16-74	156.02	0.39	
				12-18-74	156.13	0.11	
				01-04-75	155.99		0.14
				02-19-75	156.03	0.04	
				04-16-75	155.97		0.06
				06-17-75	155.92		0.05
				08-20-75	156.03	0.11	
				10-19-75	156.23	0.20	
				12-15-75	156.30	0.07	
				01-14-76	156.30		
				02-24-76	156.40	0.10	
				05-13-76	156.42	0.02	
				08-23-76	156.55	0.13	
				11-16-76	156.64	0.09	
				01-13-77	156.68	0.04	
				02-23-77	156.78	0.10	
07-64-402	136	152	3758.00	01-10-71	105.70		
				01-12-72	114.02	8.32	
				01-19-73	105.00		9.02
				01-04-75	106.33	1.33	
				01-14-76	108.88	2.55	
07-64-501	136	174	3737.00	01-25-71	137.69		
				01-01-73	140.65	2.96	
07-64-507	136	201	3730.00	05-02-75	175.63		
				01-13-77	170.65		4.98
07-64-903	136	240	3702.00	01-11-71	144.76		
				01-13-72	143.38		1.38
				01-01-73	146.280	2.90	
				01-04-75	150.32	4.04	
				01-14-76	149.43		0.89
				01-13-77	150.750	1.32	

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
10-07-301	136	175	3785.00	01-09-71	134.82		
				01-12-72	130.44		
				01-01-73	132.32	1.88	4.38
				01-11-74	131.97		0.35
				01-05-75	133.42	1.45	
				01-14-76	134.46	1.04	
				01-14-77	135.16	0.70	
10-07-601	136	190	3772.00	01-09-71	100.10		
				01-12-72	99.29		0.81
				01-19-73	100.95	1.66	
				01-11-74	102.47	1.52	
				01-05-75	101.86		0.61
				01-14-76	105.01	3.15	
				01-14-77	103.19		1.82
10-07-901	136	60	3650.00	10-28-75	14.73*		
				01-09-76	14.35*		0.38
10-08-102	136	----	3757.00	01-09-71	139.56		
				01-12-72	140.54	0.98	
				01-01-73	140.17		0.37
				01-11-74	140.09		0.08
				01-04-75	141.54	1.45	
				01-14-76	145.70	4.16	
				01-14-77	143.25		2.45
10-08-414	136	158	3742.00	10-28-75	132.15*		
				01-09-76	138.62*	6.47	
				01-06-77	133.55*		5.07
10-08-601	136	106	3734.00	11-04-75	80.48		
				01-12-76	80.71	0.23	
				01-07-77	80.64		0.07
10-16-101	136	63	3672.00	10-22-75	24.62*		
				01-09-76	26.58*	1.96	
				01-06-77	27.69*	1.11	
10-16-102	160	200	3715.00	10-06-75	135.18*		
				01-09-76	146.84*	11.66	
10-16-201	136	194	3859.00	10-30-75	170.90		

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-12-76	170.64		0.26
10-16-301	136	200	3816.00	11-04-75	178.08		
				01-12-76	177.93		0.15
				01-06-77	178.07	0.14	
10-16-501	136	154	3820.00	11-04-75	148.14		
				01-12-76	148.16	0.02	
10-16-601	136	200	3752.00	10-29-75	174.28		
				01-12-76	174.10		0.18
10-16-804	136	205	3781.00	10-30-75	180.67		
				01-12-76	181.23	0.56	
				01-06-77	181.29	0.06	
10-16-901	136	203	3744.00	01-09-71	174.72		
				01-12-72	180.39	5.67	
				01-01-73	180.81	0.42	
				01-08-74	180.34		0.47
				01-03-75	181.47	1.13	
				01-13-76	181.77	0.30	
				01-07-77	181.94	0.17	
11-01-104	136	50	3570.00	10-29-75	20.38		
				01-12-76	20.63	0.25	
				01-07-77	22.02	1.39	
11-01-210	001	42	3521.00	01-12-76	14.98		
11-01-309	136	50	3488.00	10-30-75	16.87		
				01-13-76	16.14		0.73
11-01-506	136	----	3605.00	11-05-75	40.03*		
				01-13-76	39.98*		0.05
11-01-601	136	----	3499.00	01-09-71	7.40		
				01-12-72	4.63		2.77
				01-01-73	7.16	2.53	
				01-08-74	8.79	1.63	
				01-03-75	4.28		4.51
				01-13-76	6.67	2.39	
				01-05-77	7.00	0.33	

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-13-77	7.24	0.24	
11-01-701	136	145	3720.00	11-14-75	124.64		
				01-13-76	124.12		0.52
11-01-802	136	58	3650.00	10-27-75	38.80		
				01-13-76	38.64		0.16
				01-05-77	39.77	1.13	
11-01-803	136	60	3612.00	11-04-75	39.16		
				01-13-76	39.44	0.28	
11-02-201	136	174	3612.00	10-27-75	137.49		
				01-13-76	138.02	0.53	
				01-05-77	137.29		0.73
11-02-202	136	225	3598.00	11-24-75	143.58		
				01-13-76	145.41*	1.83	
11-02-302	136	160	3572.00	11-06-75	139.06		
				01-13-76	140.52*	1.46	
11-02-401	136	170	3660.00	10-24-75	153.64		
				01-13-76	153.26		0.38
11-02-501	136	198	3655.00	11-05-75	173.68		
				01-13-76	174.34	0.66	
				01-07-77	173.52		0.82
11-02-701	136	220	3650.00	10-29-75	142.19		
				01-13-76	140.64		1.55
				01-07-77	146.28	5.64	
11-02-901	136	130	3580.00	10-24-75	125.67*		
				01-13-76	126.28*	0.61	
11-03-401	136	88	3508.00	11-14-75	66.04		
				01-13-76	61.03		5.01
				01-07-77	66.26	5.23	
11-09-103	136	182	3742.00	10-29-75	155.86*		
				01-13-76	155.84*		0.02
				01-06-77	155.22		0.62

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-09-204	136	200	3720.00	10-27-75	176.18		
				01-13-76	176.75	0.57	
				01-06-77	176.69		0.06
11-09-301	136	221	3687.00	01-09-71	167.90		
				01-12-72	158.10		9.80
				01-01-73	159.91	1.81	
				01-08-74	159.43		0.48
				01-03-75	160.00	0.57	
				01-13-76	160.12	0.12	
11-09-405	136	148	3682.00	10-22-75	137.10*		
				01-12-76	137.54*	0.44	
11-09-501	136	230	3714.00	01-09-71	180.10		
				01-12-72	182.53	2.43	
				01-01-73	182.84	0.31	
				01-08-74	187.60	4.76	
				01-03-75	183.55		4.05
				01-13-76	184.58	1.03	
11-09-601	136	250	3669.00	01-09-71	199.14		
				01-12-72	197.39		1.75
				01-01-73	199.47*	2.08	
				01-08-74	200.68	1.21	
				01-03-75	199.36		1.32
				01-13-76	200.60	1.24	
11-09-724	136	200	3710.00	10-09-75	168.10		
				01-12-76	168.21	0.11	
				01-06-77	168.92	0.71	
11-09-801	136	230	3702.00	01-09-71	190.64		
				01-12-72	187.31		3.33
				01-01-73	192.66	5.35	
				01-08-74	200.40	7.74	
				01-03-75	194.66		5.74
				01-13-76	196.04	1.38	
01-07-77	196.59	0.55					

RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-09-901	136	240	3672.00	01-09-71	197.90Q		
11-09-902	136	248	3681.00	01-26-72	201.59		
				01-01-73	204.70	3.11	
				01-08-74	206.65	1.95	
				01-03-75	206.10		0.55
				01-13-76	210.08	3.98	
				01-07-77	209.08		1.00
11-10-301	136	178	3586.00	01-08-71	125.84		
				01-12-72	125.75		0.09
				01-01-73	125.92	0.17	
				01-03-75	126.68	0.76	
				01-13-76	127.39	0.71	
				01-07-77	128.04	0.65	
11-10-402	136	205	3658.00	01-08-71	175.10Q		
				01-12-72	173.51		1.59
				01-01-73	175.98	2.47	
				01-08-74	174.35		1.63
				01-03-75	174.78	0.43	
				01-13-76	175.84	1.06	
				01-07-77	176.10	0.26	
11-10-802	136	220	3595.00	01-08-71	181.24		
				01-12-72	178.92Q		2.32
				01-01-73	179.45	0.53	
				01-03-75	181.05	1.60	
				01-13-76	182.57Q	1.52	
				01-07-77	183.76	1.19	
11-11-502	136	205	3523.00	01-08-71	162.16		
				01-12-72	161.44		0.72
				01-01-73	163.67	2.23	
				01-03-75	165.72	2.05	
				01-13-76	166.28	0.56	
				01-07-77	169.54	3.26	
11-11-701	136	212	3545.00	01-01-73	174.55		
				01-03-75	177.45	2.90	
				01-13-76	180.48	3.03	
				01-07-77	180.05		0.43

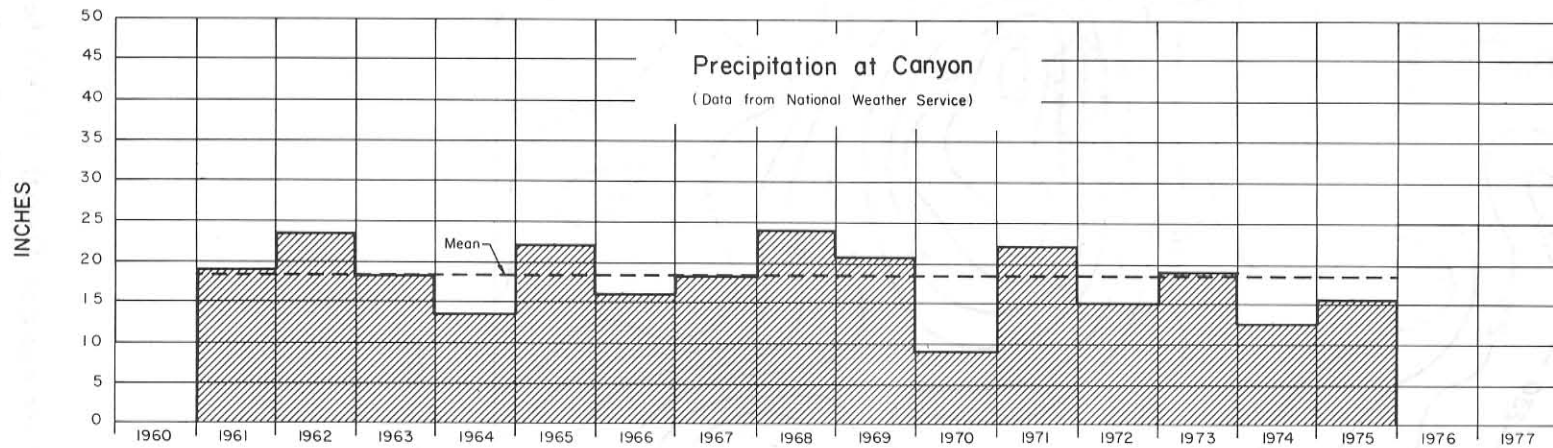
RANDALL COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

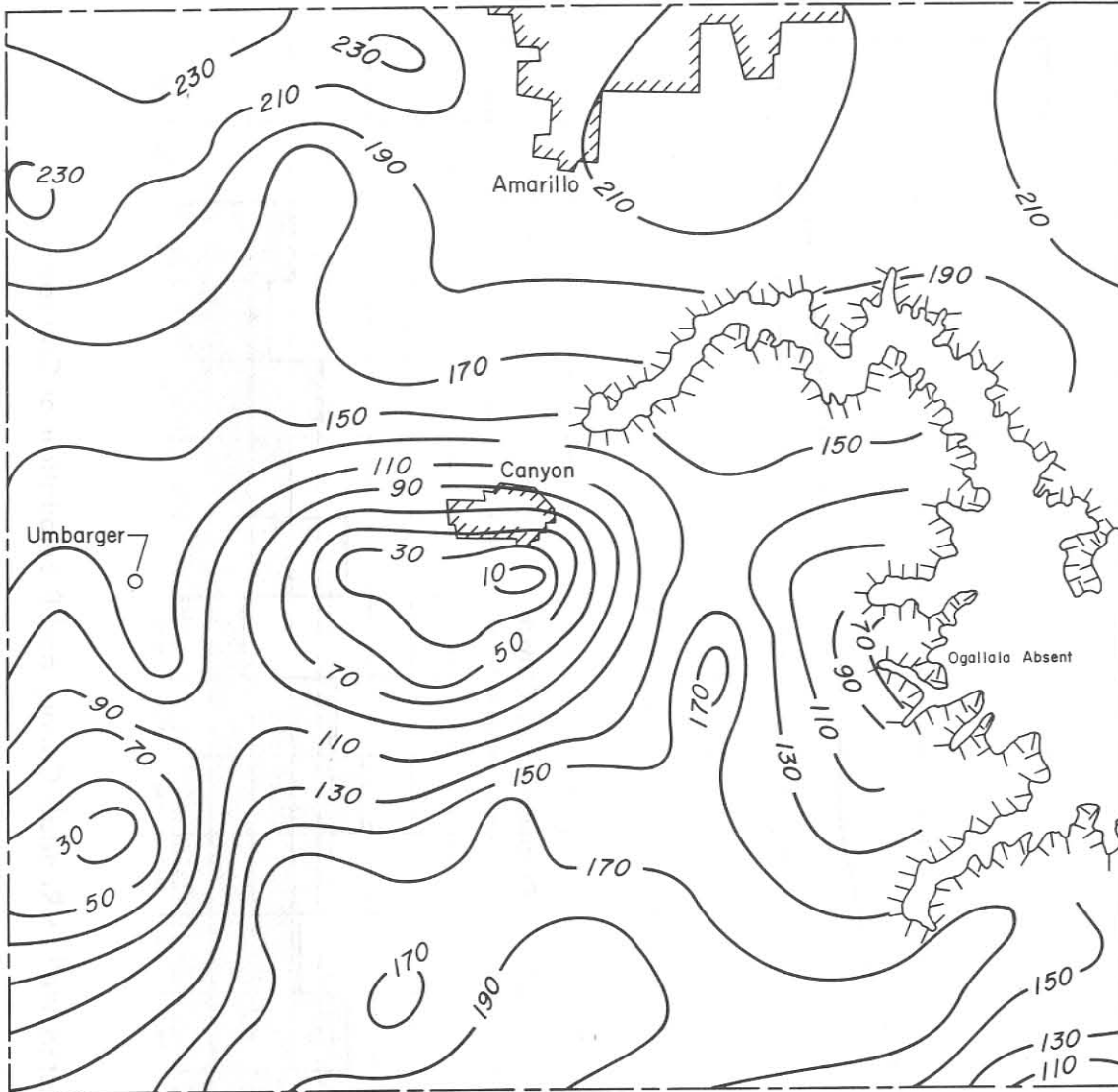
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OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-11-801	136	178	3492.00	01-08-71	112.60		
				01-12-72	116.30	3.70	
				01-01-73	118.77	2.47	
				01-03-75	122.94	4.17	
				01-13-76	125.69	2.75	
				01-07-77	127.79	2.10	
11-11-901	136	178	3455.00	01-13-71	121.20		
				01-12-72	121.28	0.08	
				01-01-73	123.04	1.76	
				01-08-74	124.28	1.24	
				01-03-75	125.16	0.88	
				01-13-76	125.30	0.14	
				01-07-77	128.50	3.20	

89 WELLS IN RANDALL COUNTY



Hydrograph of Selected Well in Randall County and Precipitation at Canyon

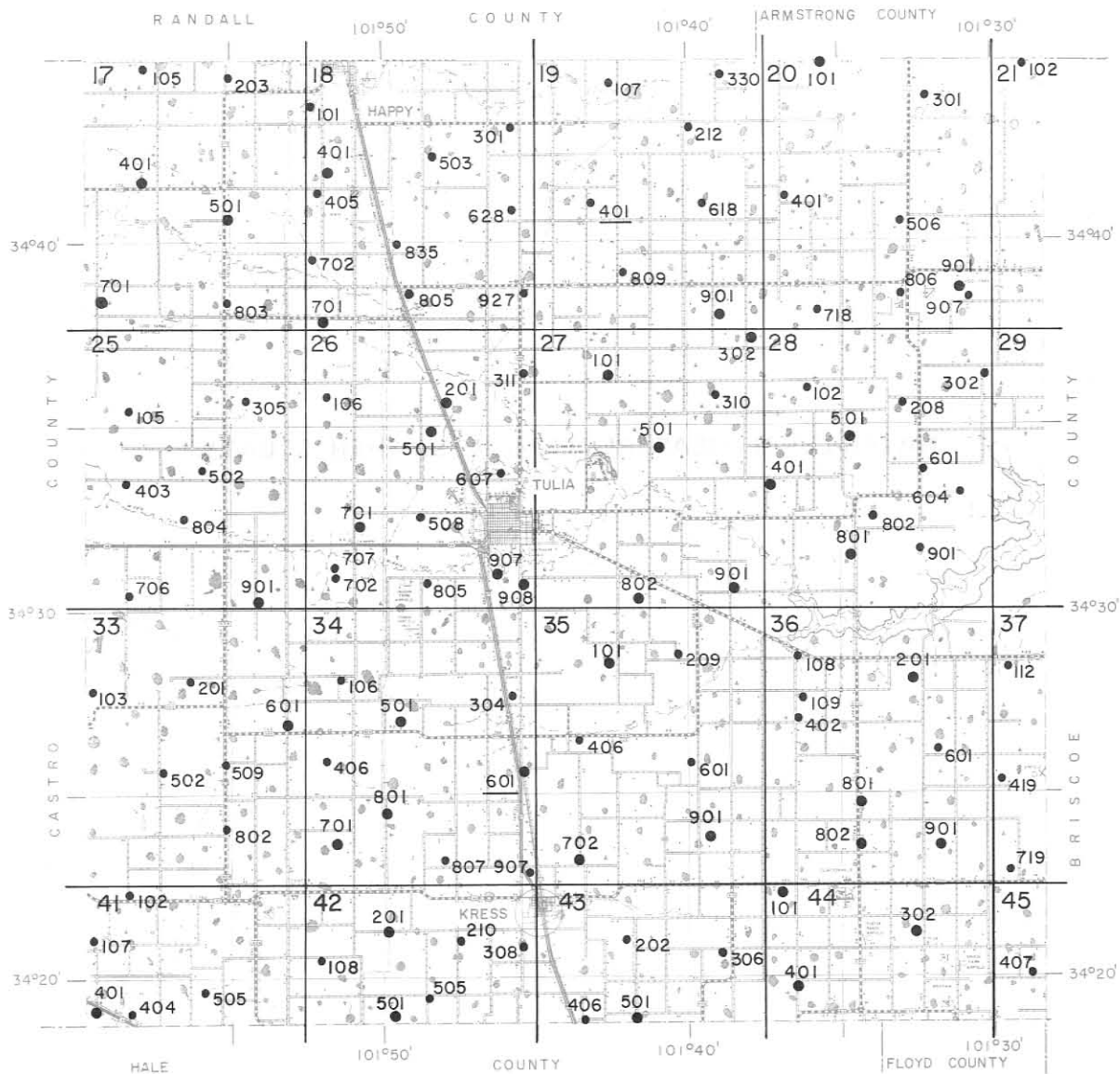


Contour Interval: 20ft.



Approximate Depth to Water in the Ogallala Aquifer,
 1977 Randall County

WATER-LEVEL MEASUREMENTS IN SWISHER COUNTY



NOTE:
This county is within
1° quadrangle No. 11

Location of Observation Wells in Swisher County

Base Map from Texas Department of Highways and Public Transportation

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-17-105	136	208	3710.00	01-10-75	203.38		
				01-06-76	195.25		
				01-04-77	200.42	5.17	8.13
11-17-203	136	233	3683.00	01-10-75	187.30		
				01-06-76	192.67	5.37	
				01-04-77	190.15		2.52
11-17-401	136	185	3673.00	01-07-71	122.08		
				01-12-72	134.89	12.81	
				01-16-73	154.68Q	19.79	
				01-14-74	125.03Q		29.65
				01-07-75	129.97	4.94	
				01-06-76	131.08	1.11	
11-17-501	136	203	3630.00	01-07-71	133.10		
				01-12-72	131.65		1.45
				01-16-73	130.76		0.89
				01-14-74	133.30	2.54	
				01-07-75	134.16	0.86	
				01-06-76	140.90	6.74	
				01-04-77	142.21	1.31	
11-17-701	136	235	3694.00	01-07-71	190.70		
				01-12-72	191.38	0.68	
				01-17-73	193.88	2.50	
				01-14-74	198.79	4.91	
				01-07-75	197.62		1.17
				01-06-76	198.85	1.23	
11-17-803	136	227	3627.00	01-10-75	197.32		
				01-06-76	192.35		4.97
				01-04-77	198.78	6.43	
11-18-101	136	195	3627.00	08-09-74	99.86		
				01-10-75	99.80		0.06
				01-04-77	151.78	51.98	
11-18-301	136	205	3542.00	01-16-73	128.98		

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-75	130.72	1.74	
				01-04-77	134.90	4.18	
11-18-401	136	94	3591.00	01-07-71	91.94		
11-18-405	136	194	3596.00	01-10-75	111.00		
				01-06-76	115.18	4.18	
				01-04-77	114.54		0.64
11-18-503	136	245	3545.00	01-10-75	144.20		
				01-07-76	135.20		9.00
				01-04-77	145.19	9.99	
11-18-628	136	224	3533.00	01-10-75	179.07		
				01-07-76	180.78	1.71	
				01-04-77	187.93	7.15	
11-18-702	136	196	3577.00	01-06-76	145.57		
				01-04-77	150.26	4.69	
11-18-805	136	200	3545.00	04-14-71	169.54		
				01-12-72	160.60		8.94
				01-16-73	159.65		0.95
				01-14-74	164.70	5.05	
				01-07-75	165.53	0.83	
				01-06-76	167.04	1.51	
				01-04-77	174.79	7.75	
11-18-835	136	198	3564.00	01-10-75	156.12		
				01-06-76	159.00	2.88	
				01-04-77	160.45	1.45	
11-18-927	136	222	3507.00	01-13-75	180.70		
				01-08-76	182.24	1.54	
				01-04-77	183.10	0.86	
11-19-107	136	200	3507.00	01-10-75	105.75		
				01-07-76	106.62	0.87	
				01-04-77	115.58	8.96	
11-19-212	136	194	3472.00	01-07-76	101.45		
				01-04-77	101.98	0.53	

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-19-330	136	146	3449.00	08-15-74	77.72		
				01-10-75	76.12	0.40	
				01-07-76	78.30	0.18	
				01-04-77	79.50	1.20	
11-19-401	136	230	3503.00	01-08-71	144.98		
				01-12-72	145.76	0.78	
				01-17-73	152.10	6.34	
				01-15-74	158.10	6.00	
				01-07-75	152.70		5.40
				01-07-76	156.67	3.97	
11-19-618	136	180	3453.00	01-13-75	85.92		
				01-08-76	86.32	0.40	
				01-06-77	92.35	6.03	
11-19-809	136	210	3483.00	01-13-75	174.80		
				01-08-76	182.68	7.88	
				01-05-77	192.86	10.18	
11-19-901	136	226	3442.00	01-08-71	146.71		
				01-12-72	150.80	4.09	
				01-17-73	154.21	3.41	
				01-08-76	160.65	6.44	
				01-06-77	159.30		1.35
11-20-101	136	159	3453.00	01-08-71	143.16		
				01-12-72	140.21		2.95
				01-17-73	140.99	0.78	
				01-07-75	139.58	1.41	
				01-04-77	142.56	2.98	
11-20-301	136	152	3369.00	08-13-74	98.95		
				01-10-75	98.02		0.93
				01-07-76	100.05	2.03	
				01-04-77	99.81		0.24
11-20-401	136	166	3340.00	02-05-71	101.62		
				01-12-72	101.47		0.15
				01-17-73	108.56	7.09	
				01-15-74	111.01	2.45	
				01-07-75	109.79		1.22

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-06-76	118.80	9.01	
				01-06-77	112.37		6.43
11-20-506	136	210	3392.00	08-13-74	106.35*		
				01-10-75	95.49		10.86
				01-07-76	100.53	5.04	
				01-06-77	103.21	2.68	
11-20-718	136	227	3420.00	01-10-75	133.10		
				01-08-76	136.10Q	3.00	
				01-06-77	131.79		4.31
11-20-806	136	215	3384.00	08-14-74	165.40*		
				01-10-75	156.49		8.91
				01-07-76	160.37	3.88	
				01-06-77	163.77	3.40	
11-20-901	136	210	3388.00	01-12-72	146.96		
11-20-907	136	220	3379.00	01-07-76	164.53		
				01-06-77	175.09*	10.56	
11-21-102	136	144	3350.00	08-20-74	97.68*		
				01-10-75	97.43*		0.25
				01-07-76	97.95*	0.52	
				01-04-77	105.60*	7.65	
11-25-105	136	221	3646.00	01-16-75	133.35		
				01-06-76	140.28	6.93	
				01-05-77	151.22	10.94	
11-25-305	136	230	3617.00	08-08-74	158.73		
				01-16-75	151.30		7.43
				01-06-76	158.32	7.02	
				01-05-77	157.92		0.40
11-25-403	136	189	3642.00	01-16-75	109.12		
				01-05-77	110.55	1.43	
11-25-502	225	1000	3621.00	04-28-70	454.10		
				01-07-71	450.92		3.18
				01-12-72	444.16		6.76
				01-17-73	444.62	0.46	

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-14-74	453.58Q	8.96	
				01-07-75	456.63	3.05	
				01-05-77	438.44		18.19
11-25-706	136	260	3635.00	08-19-74	175.58		
				01-16-75	178.02	2.44	
				01-14-76	160.85		17.17
				01-05-77	163.23	2.38	
11-25-804	136	112	3570.00	10-15-73	60.48		
				01-16-75	58.63		1.85
				01-14-76	59.85	1.22	
				01-05-77	61.47	1.62	
11-25-901	136	242	3605.00	01-07-71	192.95		
				01-12-72	179.22		13.73
				01-17-73	180.19	0.97	
				01-14-74	187.40	7.21	
				01-14-76	194.75	7.35	
				01-05-77	197.30	2.55	
11-26-106	136	247	3555.00	01-16-75	173.66		
				01-06-76	167.75		5.91
				01-05-77	171.46	3.71	
11-26-201	136	226	3516.00	01-07-71	143.86		
				01-12-72	154.85	10.99	
				01-16-73	151.88		2.97
				01-14-74	153.09	1.21	
				01-07-75	155.46	2.37	
				01-06-76	160.64	5.18	
				01-04-77	169.07	8.43	
11-26-311	136	208	3490.00	01-13-75	160.66		
				01-08-76	165.48	4.82	
				01-06-77	167.70	2.22	
11-26-501	136	250	3525.00	01-08-71	150.10		
				01-12-72	152.47	2.37	
				01-14-74	161.77	9.30	
				01-07-75	161.13		0.64
				01-06-76	167.86	6.73	
				01-05-77	172.74	4.88	

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-26-508	136	221	3514.00	08-12-74	109.68		
				01-15-75	104.34		5.34
				01-13-76	107.55	3.21	
				01-05-77	107.37		0.18
11-26-607	136	160	3491.00	08-12-74	104.27		
				01-13-75	104.08		0.19
				01-06-76	102.94		1.14
				01-05-77	106.21	3.27	
11-26-701	136	171	3543.00	01-07-71	106.08		
				01-12-72	106.07		0.01
				01-07-75	106.30	0.23	
				01-13-76	107.54	1.24	
				01-05-77	107.81	0.27	
11-26-702	136	197	3550.00	01-07-71	120.00		
				01-12-72	115.10		4.90
11-26-707	136	168	3552.00	01-14-76	124.67		
				01-05-77	129.23	4.56	
11-26-805	136	216	3525.00	08-12-74	153.95*		
				01-15-75	153.74		0.21
				01-14-76	155.98	2.24	
				01-05-77	156.97	0.99	
11-26-907	136	----	3494.00	01-06-71	146.70		
				01-12-72	151.88	5.18	
				01-16-73	161.40	9.52	
				01-12-74	154.22		7.18
11-26-908	136	168	3477.00	01-06-71	142.02		
				01-12-72	143.41	1.39	
				01-14-74	145.25	1.84	
				01-09-75	154.50	9.25	
				01-13-76	150.87		3.63
				01-05-77	152.88	2.01	
11-27-101	136	196	3467.00	01-08-71	130.86		
				01-07-75	140.10	9.24	
				01-08-76	143.65	3.55	
				01-06-77	155.77	12.12	

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-27-302	136	----	3424.00	01-08-71	135.20		
				01-12-72	137.32	2.12	
				01-17-73	133.96Q		3.36
				01-14-74	150.35*	16.39	
11-27-310	136	194	3419.00	01-13-75	107.67		
				01-08-76	111.50	3.83	
				01-06-77	116.64	5.14	
11-27-501	136	208	3421.00	01-08-71	90.50		
				01-14-74	119.66	29.16	
				01-07-75	116.15		3.51
				01-09-76	126.22	10.07	
				01-05-77	137.87	11.65	
11-27-802	136	165	3437.00	01-05-71	121.01		
				01-14-72	121.96	0.95	
				01-14-74	124.80	2.84	
				01-09-75	124.57		0.23
				01-13-76	128.50	3.93	
11-27-901	136	101	3373.00	01-05-71	80.26		
				01-14-72	79.37		0.89
				01-17-73	85.23	5.86	
				01-14-74	89.50	4.27	
				01-09-75	83.81		5.69
				01-12-76	86.03	2.22	
11-28-102	136	204	3402.00	01-13-75	105.40		
				01-08-76	109.34	3.94	
				01-06-77	113.62	4.28	
11-28-208	136	172	3377.00	08-14-74	80.80		
				01-13-75	72.93		7.87
				01-08-76	74.62	1.69	
				01-06-77	74.67	0.05	
11-28-302	136	170	3371.00	01-13-75	83.41		
				01-08-76	88.75	5.34	
				01-06-77	87.89		0.86

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-28-401	136	140	3395.00	01-08-71	103.40		
				01-14-72	105.45	2.05	
				01-16-73	103.63		1.82
				01-15-74	103.94	0.31	
				01-07-75	104.02	0.08	
				01-09-76	104.16	0.14	
				01-06-77	114.99	10.83	
11-28-501	136	188	3391.00	01-08-71	95.23		
				01-17-73	92.48		2.75
				01-07-75	93.75	1.27	
				01-09-76	94.14	0.39	
				01-06-77	95.40	1.26	
11-28-601	136	100	3371.00	08-20-74	61.25		
				01-13-75	61.64	0.39	
				01-08-76	61.72	0.08	
				01-06-77	68.71	6.99	
11-28-604	136	60	3310.00	08-20-74	35.62		
				01-13-75	41.52*	5.90	
				01-09-76	54.92*	13.40	
				01-06-77	38.27		16.65
11-28-801	136	200	3336.00	01-05-71	64.57		
				01-14-72	52.44		12.13
				01-16-73	58.34	5.90	
				01-09-75	59.44	1.10	
				01-09-76	65.44	6.00	
				01-06-77	64.18		1.26
11-28-802	136	139	3355.00	01-06-77	79.86		
11-28-901	136	112	3322.00	08-20-74	36.71		
				01-13-75	34.48		2.23
				01-06-77	25.45Q		9.03
11-33-103	136	345	3649.00	01-15-75	192.02		
				01-14-76	192.40	0.38	
				01-08-77	195.32	2.92	
11-33-201	136	304	3607.00	01-15-75	158.90		
				01-14-76	162.00	3.10	

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-77	165.40	3.40	
11-33-502	136	342	3620.00	08-19-74	211.16*		
				01-15-75	211.16		
				01-14-76	206.77		4.39
				01-08-77	214.89	8.12	
11-33-509	136	290	3587.00	08-19-74	164.72		
				01-15-75	165.39	0.67	
				01-13-76	169.71	4.32	
				01-08-77	174.76	5.05	
11-33-601	136	270	3582.00	01-07-71	171.82		
				01-13-72	173.37	1.55	
				01-16-73	176.25	2.88	
11-33-802	136	339	3583.00	02-05-71	174.50		
				01-13-72	179.80	5.30	
				01-12-74	196.15	16.35	
				01-08-75	202.53	6.38	
				01-08-77	203.14	8.33	7.72
11-34-106	136	248	3543.00	08-19-74	153.44		
				01-15-75	156.34	2.90	
				01-14-76	150.84		5.50
				01-07-77	164.04	13.20	
11-34-304	136	230	3486.00	01-14-75	188.10		
				01-13-76	173.95		14.15
				01-07-77	183.05	9.10	
11-34-406	136	275	3550.00	01-15-75	164.14		
				01-14-76	170.92	6.78	
11-34-501	136	254	3544.00	01-07-71	167.10		
				01-13-72	167.62	0.52	
				01-16-73	176.080	8.46	
				01-14-74	177.40	1.32	
				01-08-75	179.92	2.52	
				01-07-77	198.42	8.08	10.42

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
11-34-601	136	209	3484.00	01-06-71	118.63		
				01-13-72	120.30	1.67	
				01-14-74	124.90	4.60	
				01-09-75	125.78	0.88	
				01-13-76	126.05	0.27	
				01-07-77	129.64	3.59	
11-34-701	136	317	3571.00	01-06-71	207.97		
				01-13-72	212.52	4.55	
				01-18-73	211.93Q		0.59
				01-12-74	217.34	5.41	
				01-08-75	224.42	7.08	
				01-15-76	227.16	2.74	
11-34-801	136	290	3537.00	01-05-71	157.40		
				01-13-72	166.21	8.81	
				01-18-73	175.85	9.64	
				01-08-75	168.72		7.13
				01-15-76	166.92		1.80
				01-07-77	175.46	8.54	
11-34-807	136	297	3517.00	01-14-75	197.40		
				01-15-76	202.10	4.70	
				01-07-77	215.59	13.49	
11-34-907	136	316	3480.00	01-14-75	166.47		
				01-13-76	164.00*		2.47
				01-07-77	158.42		5.58
11-35-101	136	203	3442.00	01-06-71	120.20Q		
				01-17-73	112.50		7.70
				01-13-76	117.70Q	5.20	
11-35-209	136	200	3414.00	08-13-74	144.32		
				01-13-76	140.32		4.00
				01-07-77	143.38	3.06	
11-35-406	136	210	3449.00	01-14-75	129.43		
				01-13-76	135.09	5.66	
				01-07-77	136.50	1.41	
11-35-601	136	221	3402.00	01-14-75	157.45		

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-13-76	163.90*	6.45	
				01-07-77	167.49	3.59	
11-35-702	136	196	3456.00	01-06-71	151.08		
				01-13-72	150.54		0.54
				01-18-73	151.57	1.03	
				01-09-75	151.78	0.21	
				01-12-76	153.82	2.04	
				01-07-77	155.83	2.01	
11-35-901	136	200	3390.00	01-05-71	146.93		
				01-10-72	140.35		6.58
				01-12-74	147.23	6.88	
11-36-108	136	150	3349.00	01-13-75	98.70		
				01-12-76	101.05	2.35	
				01-07-77	109.86	8.81	
11-36-109	056	631	3362.00	01-12-76	357.60		
				01-07-77	352.08		5.52
11-36-201	136	179	3355.00	01-05-71	133.50		
				01-13-72	131.26		2.24
				01-18-73	137.33	6.07	
				01-14-74	139.90	2.57	
				01-09-75	138.38		1.52
				01-09-76	140.45	2.07	
				01-07-77	142.44	1.99	
11-36-402	136	198	3377.00	02-05-71	134.70		
				01-13-72	133.36		1.34
				01-18-73	141.84Q	8.48	
				01-14-74	143.38	1.54	
				01-09-75	143.94	0.56	
				01-12-76	145.98*	2.04	
				01-07-77	142.89		3.09
11-36-601	136	200	3342.00	02-05-71	110.10		
				01-13-72	112.26	2.16	
				01-18-73	113.87	1.61	
				01-14-74	116.04	2.17	
				01-09-75	119.25	3.21	
				01-09-76	120.60	1.35	

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-77	127.30	6.70	
11-36-801	136	200	3360.00	01-05-71	158.16		
				01-13-72	154.76		3.40
				01-16-73	167.88	13.12	
				01-14-74	159.41Q		8.47
11-36-802	136	203	3354.00	01-05-71	109.90		
				01-13-72	107.95		1.95
				01-16-73	110.20	2.25	
				01-14-74	110.03		0.17
				01-12-76	112.87	2.84	
01-07-77	115.30	2.43					
11-36-901	136	208	3335.00	01-05-71	111.00		
				01-13-72	112.43	1.43	
				01-14-74	117.35*	4.92	
				01-09-75	120.99	3.64	
				01-09-76	121.40	0.41	
				01-07-77	127.59	6.19	
11-37-112	136	185	3300.00	01-14-75	104.72		
				01-09-76	106.00	1.28	
				01-07-77	109.26	3.26	
11-37-419	136	184	3330.00	01-14-75	125.90		
				01-09-76	127.30	1.40	
				01-07-77	129.69	2.39	
11-37-719	136	215	3315.00	01-14-75	129.20		
				01-09-76	137.17	7.97	
				01-07-77	144.40	7.23	
11-41-102	136	365	3580.00	01-15-75	167.89		
				01-14-76	173.70	5.81	
				01-08-77	179.25	5.55	
11-41-107	136	375	3580.00	01-15-75	165.67		
				01-14-76	170.80	5.13	
				01-08-77	179.08	8.28	
11-41-401	136	240	3563.00	01-06-71	141.74		
				01-13-72	152.35Q	10.61	

SWISHER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-16-73	152.95	0.60	
				01-12-74	164.56	11.61	
				01-08-75	164.50		0.06
				01-14-76	159.41		5.09
				01-08-77	166.45	7.04	
11-41-404	136	348	3550.00	01-14-76	155.32		
				01-08-77	162.65	7.33	
11-41-505	136	368	3545.00	01-16-75	167.66		
				01-14-76	173.55	5.89	
				01-08-77	180.29	6.74	
11-42-108	136	365	3541.00	01-15-76	200.95*		
				01-08-77	213.78Q	12.83	
11-42-201	136	318	3522.00	01-06-71	182.64		
				01-13-72	188.02	5.38	
				01-12-74	203.54Q	15.52	
				01-08-75	212.63	9.09	
				01-15-76	207.81*		4.82
				01-08-77	217.64	9.83	
11-42-210	136	321	3504.00	01-13-72	190.77		
				01-18-73	195.65	4.88	
				01-08-75	202.38	6.73	
				01-15-76	208.02	5.64	
11-42-308	136	368	3467.00	01-15-76	174.32		
				01-08-77	179.47	5.15	
11-42-501	136	165	3475.00	04-21-70	134.92		
				06-09-70	135.78	0.86	
				08-17-70	137.40	1.62	
				10-12-70	139.47	2.07	
				12-14-70	140.37	0.90	
				02-11-71	140.31		0.06
11-42-505	136	325	3497.00	01-15-76	193.69		
				01-08-77	200.09	6.40	
11-43-202	136	237	3446.00	08-16-74	143.00		
				01-14-75	139.03		3.97

SWISHER COUNTY

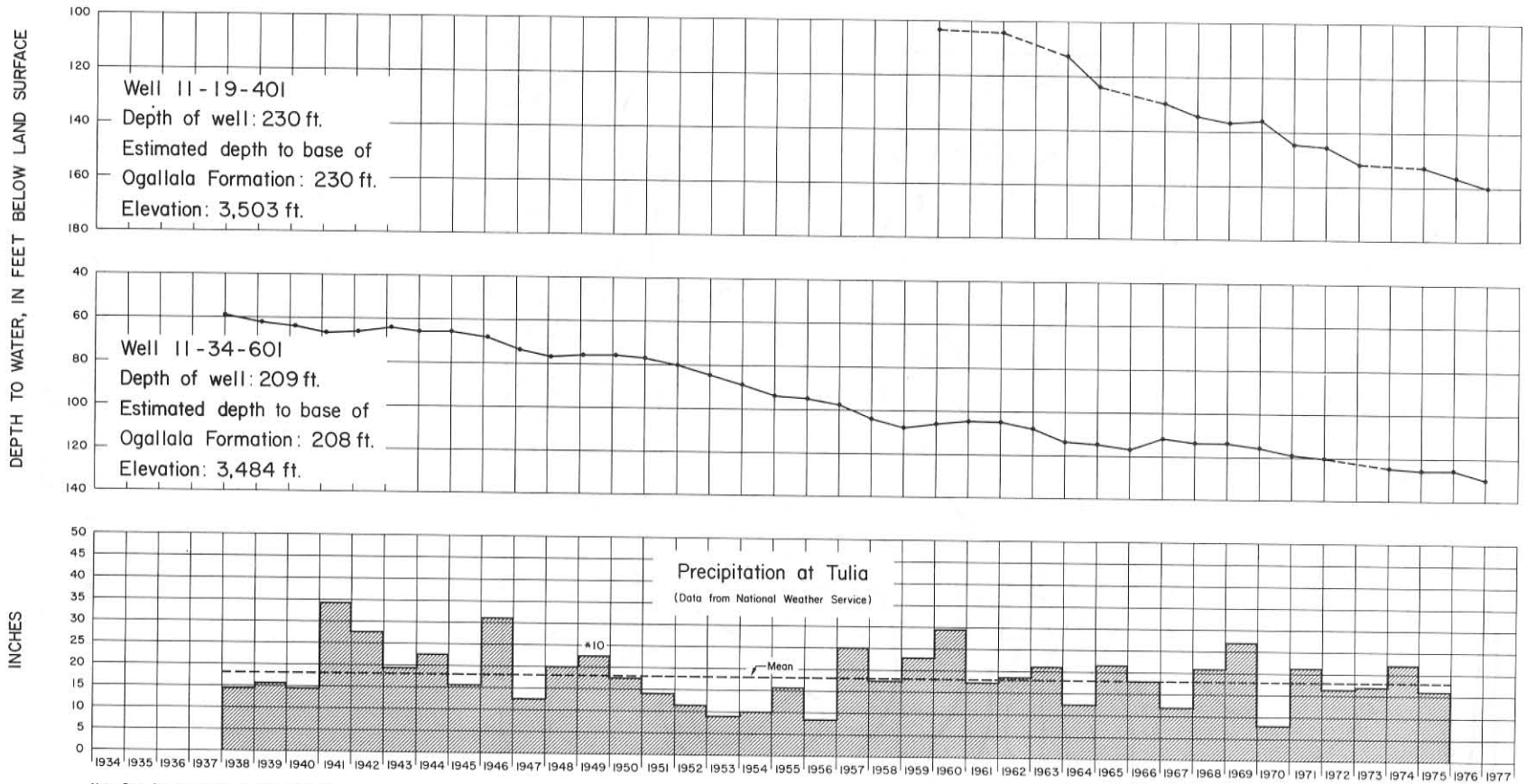
WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)

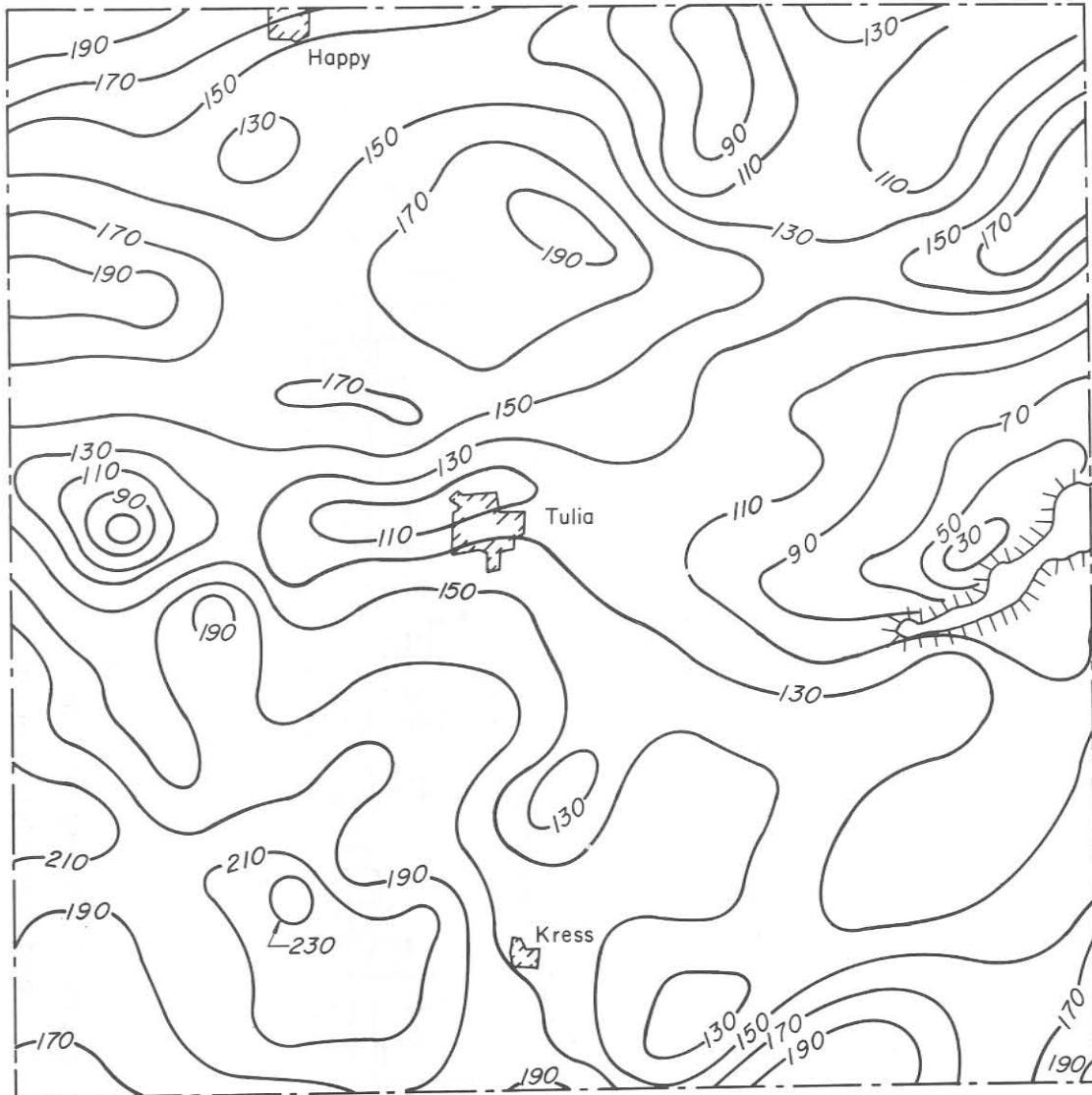
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-12-76	139.80	0.77	
				01-07-77	142.05	2.25	
11-43-306	136	225	3384.00	01-14-75	159.85		
				01-12-76	128.25		31.60
				01-07-77	128.63	0.38	
11-43-406	136	220	3442.00	01-06-71	162.95		
				01-13-72	168.75	5.80	
11-43-501	136	208	3424.00	01-05-71	129.36		
				01-13-72	130.23	0.87	
				01-18-73	131.85	1.62	
				01-08-75	132.16	0.31	
				01-10-76	132.95	0.79	
				01-07-77	133.70	0.75	
11-44-101	136	218	3367.00	01-05-71	118.50		
				01-16-73	125.07	6.57	
				01-12-74	131.88	6.81	
				01-08-75	135.25	3.37	
				01-09-76	138.03	2.78	
11-44-302	136	226	3340.00	01-05-71	141.20Q		
				01-13-72	152.72Q	11.52	
11-44-401	136	292	3371.00	01-05-71	159.35		
				01-13-72	164.94	5.59	
				01-18-73	165.63	0.69	
				01-14-74	169.81	4.18	
				01-08-75	176.05	6.24	
				01-09-76	179.50	3.45	
				01-07-77	194.38*	14.88	
11-45-407	136	294	3306.00	01-14-75	162.07		
				01-09-76	166.68	4.61	
				01-07-77	172.72	6.04	

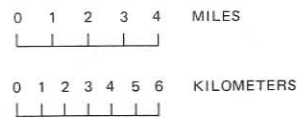
118 WELLS IN SWISHER COUNTY



Hydrographs of Selected Wells in Swisher County
 and Precipitation at Tulia

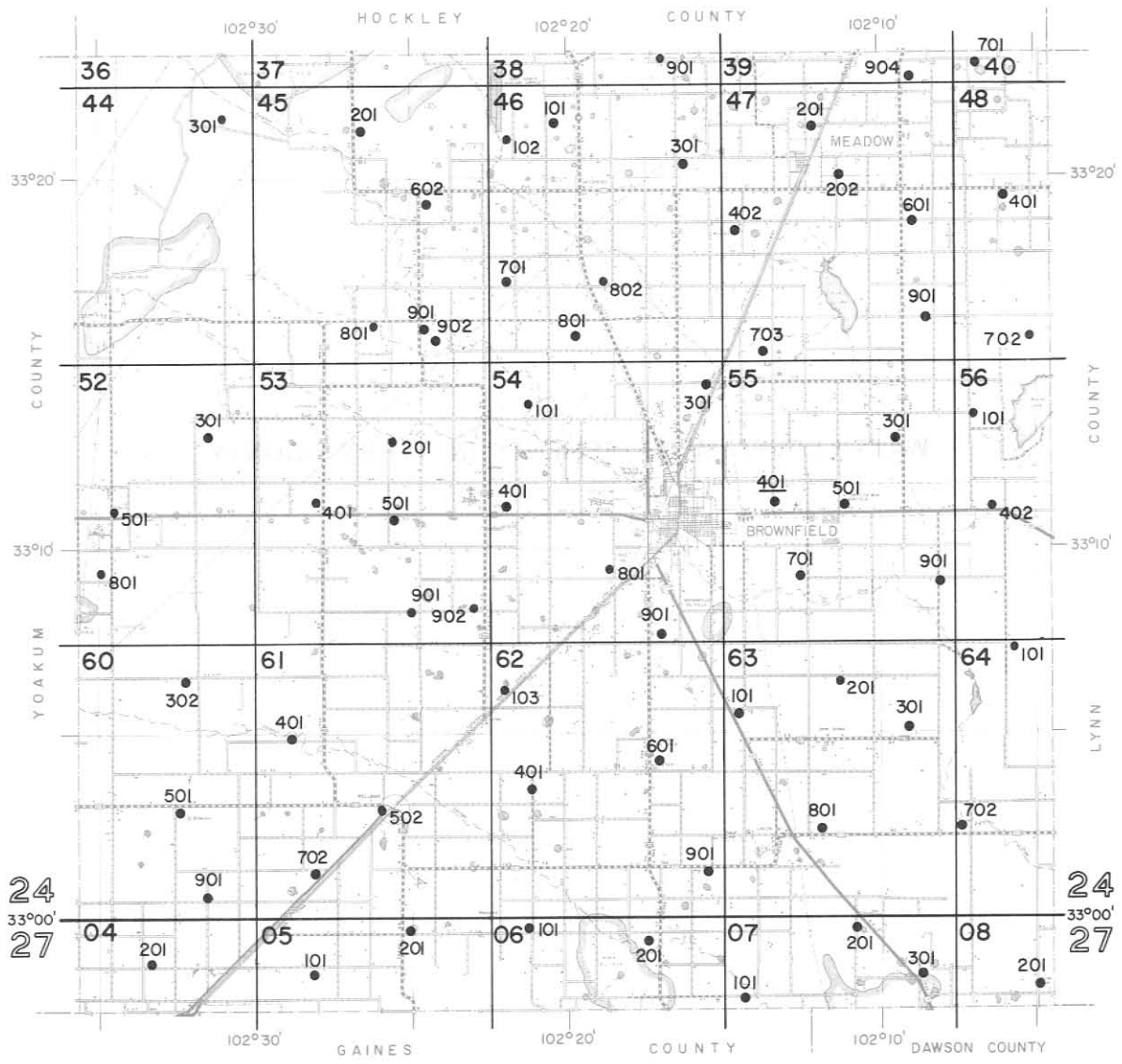


Contour Interval: 20 ft.



Approximate Depth to Water in the Ogallala Aquifer,
 1977 Swisher County

WATER-LEVEL MEASUREMENTS IN TERRY COUNTY



Location of Observation Wells in Terry County

Base Map from Texas Department of Highways and Public Transportation

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-38-901	136	142	3442.00	01-12-76	91.30		
				01-07-77	87.15		4.15
24-39-904	136	150	3324.00	12-16-70	65.73		
				01-08-72	66.13	0.40	
				01-16-73	58.89		7.24
				01-11-74	57.20		1.69
				01-09-75	56.30		0.90
				01-06-76	54.88		1.42
24-40-701	136	132	3312.00	01-12-76	66.19		
				01-07-77	85.80	19.61	
24-44-301	136	200	3537.00	01-11-77	165.20		
24-45-201	136	----	3480.00	12-15-70	144.26		
				01-08-72	155.26Q	11.00	
				01-16-73	144.54		10.72
				01-11-74	144.63	0.09	
				01-08-75	145.56	0.93	
				01-07-76	156.13	10.57	
24-45-602	136	----	3459.00	12-15-70	163.12		
				01-08-72	165.52	2.40	
				01-16-73	163.18		2.34
				01-11-74	162.10		1.08
				01-08-75	164.05	1.95	
				01-07-76	164.99	0.94	
24-45-801	136	157	3435.00	01-12-76	136.49		
				01-08-77	136.02		0.47
24-45-901	136	----	3427.00	12-15-70	131.61		
				01-08-72	129.71		1.90
				01-16-73	128.12		1.59
				01-11-74	127.38		0.74
				01-08-75	127.90	0.52	
01-08-77	123.75		4.15				

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-45-902	136	160	3418.00	12-15-70	122.04		
				05-03-72	121.00		1.04
				01-16-73	119.94		1.06
				01-11-74	118.92		1.02
				01-08-75	119.20	0.28	
				01-08-77	113.86		5.34
24-46-101	136	----	3435.00	12-15-70	122.40		
				01-08-72	124.08	1.68	
				01-16-73	121.66		2.42
				01-11-74	121.46		0.20
				01-09-75	122.51	1.05	
				01-07-76	120.47		2.04
01-07-77	119.45		1.02				
24-46-102	136	165	3437.00	01-12-76	123.20		
				01-07-77	122.48		0.72
24-46-301	136	----	3388.00	12-15-70	113.90		
				01-08-72	114.01	0.11	
				01-16-73	113.67		0.34
				01-11-74	112.10		1.57
				01-09-75	111.28		0.82
24-46-701	136	----	3395.00	12-15-70	130.40		
				05-03-72	143.00*	12.60	
				01-16-73	130.75		12.25
				01-11-74	130.36		0.39
				01-09-75	132.05	1.69	
				01-07-76	128.40		3.65
01-07-77	127.90		0.50				
24-46-801	136	177	3369.00	01-08-72	124.45Q		
				01-16-73	123.18		1.27
				01-11-74	122.24		0.94
				01-09-75	123.75	1.51	
				01-07-76	121.84		1.91
				01-08-77	121.35		0.49
24-46-802	136	168	3385.00	01-12-76	135.61		
				01-07-77	136.47	0.86	
24-47-201	136	88	3231.00	12-16-70	71.93		

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-72	72.70	0.77	
				01-16-73	64.32		8.38
				01-11-74	64.56	0.24	
				01-07-77	64.47		0.09
24-47-202	136	149	3323.00	12-15-70	96.68		
				05-03-72	101.94	5.26	
				01-16-73	95.01		6.93
				01-11-74	92.29		2.72
				01-09-75	93.82	1.53	
				01-07-76	90.20		3.62
				01-07-77	87.56		2.64
24-47-402	136	----	3330.00	12-15-70	85.70		
				01-08-72	87.25	1.55	
				01-16-73	82.41		4.84
				01-11-74	82.04		0.37
				01-09-75	84.80	2.76	
				01-07-76	80.80		4.00
24-47-601	136	----	3309.00	12-16-70	102.52		
				01-08-72	99.66		2.86
				01-16-73	92.01		7.65
				01-11-74	94.70	2.69	
				01-09-75	95.66	0.96	
				01-06-76	90.43		5.23
				01-07-77	90.96	0.53	
24-47-703	136	----	3324.00	12-15-70	95.66		
				01-08-72	95.91	0.25	
				01-17-73	83.52		12.39
				01-11-74	80.01		3.51
				01-09-75	84.80	4.79	
				01-07-76	80.01		4.79
24-47-901	136	----	3291.00	12-16-70	86.74		
				01-08-72	88.41	1.67	
				01-16-73	82.19		6.22
				01-11-74	80.95		1.24
				01-09-75	78.20		2.75
				01-06-76	75.98		2.22

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-77	74.07		1.91
24-48-401	136	140	3295.00	12-16-70	91.75		
				01-08-72	92.36	0.61	
				01-16-73	90.85		1.51
				01-11-74	88.79		2.06
				01-09-75	90.25	1.46	
				01-06-76	86.60		3.65
				01-07-77	86.10		0.50
24-48-702	136	105	3252.00	01-10-76	26.54		
				01-08-77	26.37		0.17
24-52-301	136	----	3486.00	12-11-70	105.95		
				01-07-72	105.39		0.56
				01-17-73	99.89		5.50
				01-11-74	102.91	3.02	
				01-08-75	95.19		7.72
				01-08-77	86.72		8.47
24-52-501	136	117	3512.00	01-13-76	59.66		
				01-08-77	56.95		2.71
24-52-801	136	160	3535.00	01-15-76	86.30		
				01-08-77	87.65	1.35	
24-53-201	136	224	3407.00	01-13-76	149.08		
				01-08-77	149.28	0.20	
24-53-401	136	143	3403.00	01-13-76	109.72		
				01-08-77	109.06		0.66
24-53-501	136	223	3406.00	12-11-70	166.31		
				01-07-72	166.67	0.36	
				01-17-73	167.52	0.85	
				01-11-74	165.36		2.16
				01-08-75	166.08	0.72	
				01-08-77	162.22		3.86
24-53-901	136	150	3346.00	01-14-76	121.24		
				01-11-77	117.40		3.84
24-53-902	136	162	3355.00	01-13-76	133.19		

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-11-77	131.79		1.40
24-54-101	136	129	3365.00	01-13-76	97.88		
				01-08-77	97.41		0.47
24-54-301	136	----	3330.00	12-15-70	107.56		
				01-17-73	104.77		2.79
				01-11-74	101.70		3.07
				01-09-75	103.34	1.64	
				01-07-76	101.23		2.11
				01-08-77	101.94	0.71	
24-54-401	136	----	3359.00	12-11-70	107.05		
				05-03-72	120.60*	13.55	
				01-17-73	106.65		13.95
				01-11-74	105.37		1.28
				01-08-75	107.06	1.69	
01-11-77	103.31		3.75				
24-54-801	136	166	3306.00	01-14-76	109.64		
				01-11-77	105.10		4.54
24-54-901	136	160	3307.00	12-16-70	100.82		
				01-07-72	101.49	0.67	
				01-18-73	99.82		1.67
				01-12-74	98.80		1.02
				01-09-76	97.67		1.13
				01-10-77	96.70		0.97
24-55-301	136	----	3227.00	12-16-70	23.12		
				01-08-72	24.20	1.08	
				01-16-73	15.35		8.85
				01-11-74	16.25	0.90	
				01-09-75	13.85		2.40
				01-06-76	14.31	0.46	
01-11-77	14.76	0.45					
24-55-401	136	110	3260.00	12-15-70	86.95Q		
				01-07-72	86.53		0.42
				01-16-73	73.29		13.24
				01-11-74	66.65		6.64
				01-09-75	69.70	3.05	
				01-06-76	68.31		1.39

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-11-77	64.51		3.80
24-55-501	136	----	3260.00	12-16-70	61.80		
				01-07-72	63.14	1.34	
				01-16-73	51.10		12.04
				01-11-74	47.68		3.42
				01-09-75	49.75	2.07	
24-55-701	136	----	3233.00	12-16-70	42.82		
				01-07-72	44.49	1.67	
				01-16-73	30.68		13.81
				01-12-74	30.44		0.24
				01-09-75	27.13		3.31
				01-06-76	28.66	1.53	
24-55-901	136	35	3170.00	12-16-70	14.49		
				05-03-72	17.00	2.51	
				01-16-73	7.62		9.38
				01-12-74	9.46	1.84	
				01-09-75	8.70		0.76
24-56-101	136	----	3238.00	01-10-76	39.16		
				01-11-77	36.42		2.74
24-56-402	136	----	3209.00	01-10-76	48.84		
				01-11-77	41.11		7.73
24-60-302	136	----	3442.00	12-12-70	83.13		
				01-07-72	82.04		1.09
				01-17-73	81.13		0.91
				01-12-74	78.22		2.91
				01-08-75	82.46	4.24	
				01-07-76	75.24		7.22
24-60-501	136	----	3431.00	01-11-77	74.78		0.46
				01-07-72	101.73Q		
				05-02-72	139.43*	37.70	
				01-17-73	96.87		42.56
				01-12-74	93.07		3.80
				01-08-75	96.64	3.57	
				01-08-76	89.38		7.26
01-11-77	89.10		0.28				

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-60-901	136	----	3393.00	12-14-70	118.73		
				01-07-72	121.43	2.70	
				01-17-73	118.37		3.06
				01-12-74	118.15		0.22
				01-08-75	116.19	0.04	
				01-08-76	115.68		2.51
			01-11-77	114.05		1.63	
24-61-401	136	117	3337.00	12-12-70	63.47		
				01-07-72	54.74		8.73
				01-17-73	47.60		7.14
				01-12-74	53.14	5.54	
				01-08-75	53.44	0.30	
				01-08-76	43.38		10.06
			01-11-77	41.65		1.73	
24-61-502	136	150	3343.00	01-14-76	102.80		
				01-11-77	102.40		0.40
24-61-702	136	----	3356.00	12-14-70	129.40		
				01-07-72	131.24	1.84	
				01-17-73	130.47		0.77
				01-12-74	126.58		3.89
				01-08-75	127.82	1.24	
				01-08-76	126.02		1.80
			01-11-77	126.60	0.58		
24-62-103	136	----	3318.00	12-12-70	127.43		
				01-07-72	129.74	2.31	
				01-18-73	126.96		2.78
				01-12-74	126.07		0.89
				01-08-75	129.13	3.06	
				01-07-76	126.31		2.82
			01-11-77	126.25		0.06	
24-62-401	136	142	3277.00	12-14-70	101.33		
				01-13-76	101.45	0.12	
				01-10-77	100.89		0.56
24-62-601	136	----	3276.00	12-16-70	114.52		
				01-07-72	117.26	2.74	
				01-17-73	114.33		2.93
				01-12-74	109.40		4.93

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-75	115.16	5.76	
				01-08-76	108.89		6.27
				01-10-77	106.96		1.93
24-62-901	136	----	3207.00	12-14-70	93.02		
				01-07-72	103.02Q	10.00	
				01-18-73	92.60		10.42
				01-12-74	94.00	1.40	
				01-08-75	96.89	2.89	
				01-08-76	82.87		14.02
				01-10-77	77.87		5.00
24-63-101	136	----	3237.00	12-16-70	39.33		
				01-07-72	40.84	1.51	
				01-15-73	37.52		3.32
				01-12-74	35.70		1.82
				01-07-75	31.25		4.45
				01-09-76	31.52	0.27	
				01-12-77	31.77	0.25	
24-63-201	136	75	3197.00	01-15-76	28.25		
				01-12-77	27.52		0.73
24-63-301	136	105	3183.00	12-16-70	50.39		
				01-07-72	53.20	2.81	
				01-15-73	45.31		7.89
				01-12-74	44.40		0.91
				01-07-75	43.19		1.21
				01-09-76	39.76		3.43
				01-12-77	38.20		1.56
24-63-801	136	131	3192.00	12-14-70	96.55		
				01-07-72	96.02		0.53
				01-15-73	92.85		3.17
				01-12-74	90.37		2.48
				01-07-75	88.91		1.46
				01-09-76	74.27		14.64
				01-12-77	72.50		1.77
24-64-101	136	31	3190.00	01-15-76	8.16		
				01-12-77	8.10		0.06
24-64-702	136	----	3133.00	12-14-70	31.61		

TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-72	29.34Q		2.27
				01-15-73	20.15		9.19
				01-12-74	19.64		0.51
				01-07-75	16.88		2.76
				01-09-76	17.78	0.90	
				01-12-77	16.64		1.14
27-04-201	136	----	3367.00	12-14-70	91.53		
				01-07-72	103.78Q	12.25	
				01-17-73	90.70		13.08
				01-12-74	87.60		3.10
				01-08-75	87.96	0.36	
				01-08-76	87.15		0.81
				01-10-77	82.83		4.32
27-05-101	136	----	3319.00	12-14-70	93.45		
				01-07-72	94.54	1.09	
				01-17-73	93.28		1.26
				01-12-74	94.01	0.73	
				01-08-75	94.50	0.49	
				01-08-76	94.98	0.48	
				01-10-77	89.70		5.28
27-05-201	136	----	3296.00	12-14-70	92.57		
				01-17-73	93.96	1.39	
				01-12-74	96.36	2.40	
				01-08-75	93.43		2.93
				01-08-76	91.60		1.83
				01-10-77	87.02		4.58
27-06-101	136	----	3265.00	12-14-70	95.12		
				01-07-72	101.26	6.14	
				01-17-73	95.72		5.54
				01-12-74	94.31		1.41
				01-08-75	93.18		1.13
				01-08-76	100.73	7.55	
				01-10-77	88.09		12.64
27-06-201	136	113	3231.00	12-14-70	97.79		
				01-07-72	100.90	3.11	
				01-17-73	98.40		2.50
				01-12-74	95.89		2.51
				01-08-75	97.00	1.11	

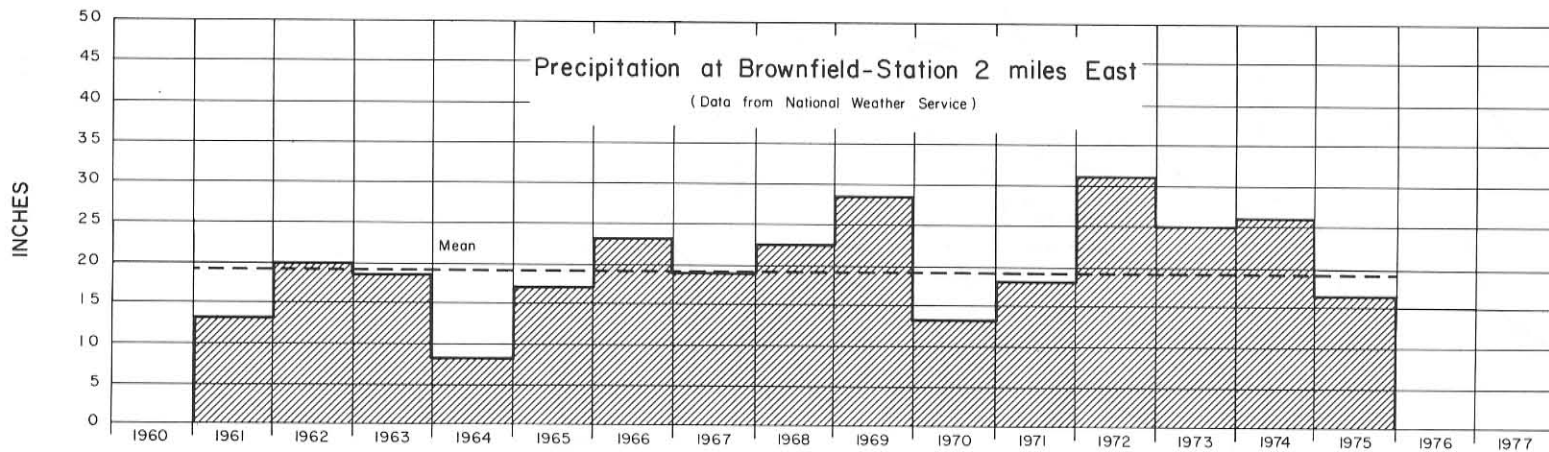
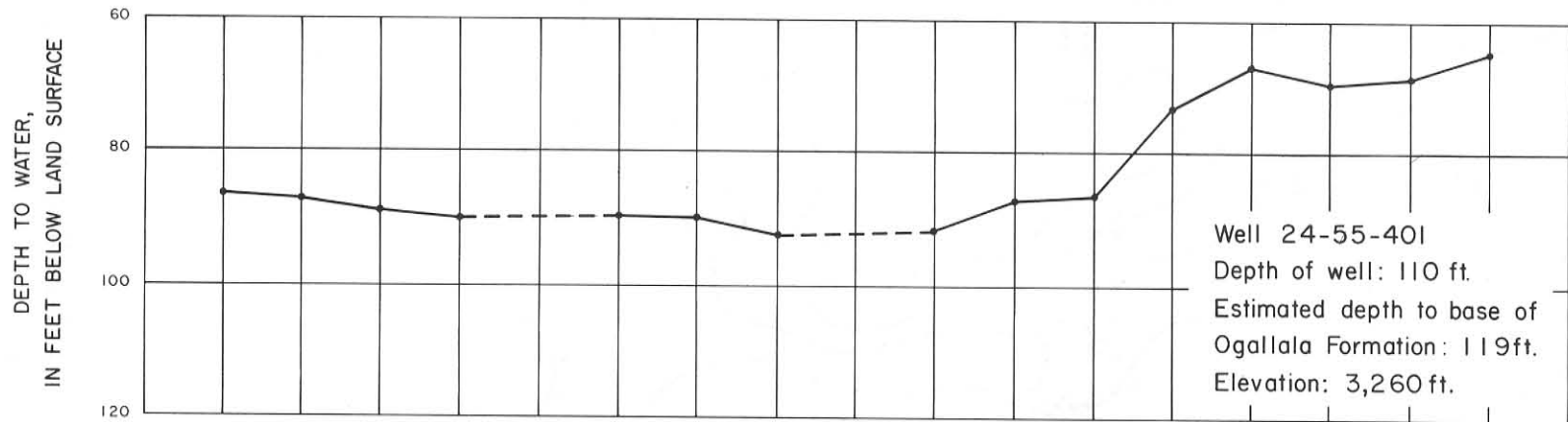
TERRY COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

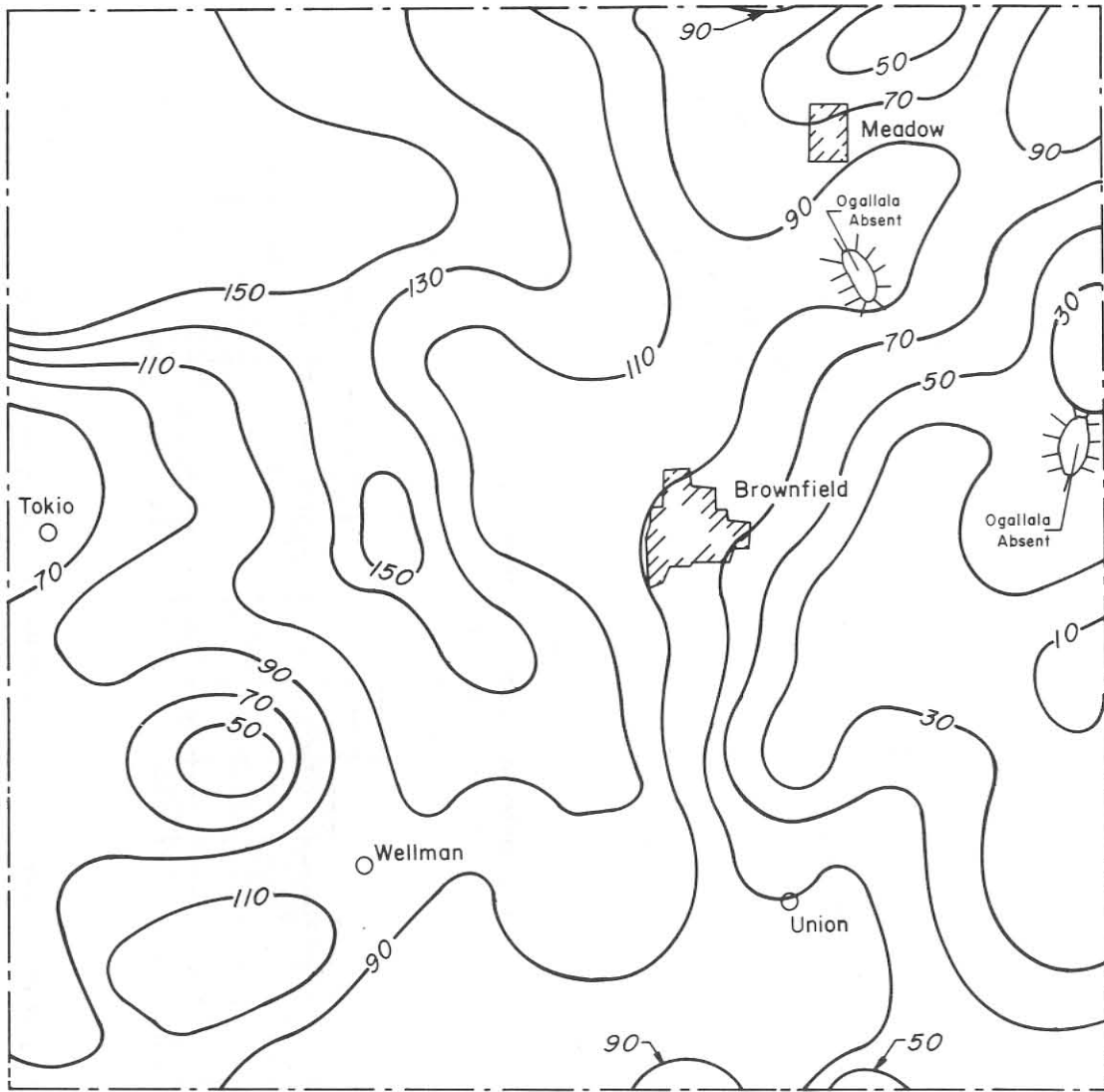
* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-76	91.19		5.81
				01-10-77	87.38		3.81
27-07-101	136	----	3170.00	12-14-70	96.77		
				01-07-72	97.32	0.55	
				01-18-73	96.07		1.25
				01-12-74	94.04		2.03
				01-08-75	92.64		1.40
				01-08-76	90.51		2.13
				01-10-77	87.60		2.91
27-07-201	136	----	3150.00	12-14-70	83.59		
				01-07-72	83.88	0.29	
				01-15-73	82.21		1.67
				01-12-74	80.49		1.72
				01-07-75	81.18	0.69	
				01-09-76	76.46		4.72
				01-12-77	73.00		3.46
27-07-301	136	----	3142.00	12-14-70	81.56		
				01-07-72	89.21	7.65	
				01-15-73	79.84		9.37
				01-12-74	78.06		1.78
				01-07-75	76.79		1.27
				01-09-76	68.64		8.15
				01-12-77	62.67		5.97
27-08-201	136	----	3136.00	12-14-70	83.55		
				01-07-72	85.05	1.50	
				01-15-73	78.50		6.55
				01-12-74	80.92	2.42	
				01-07-75	74.82		6.10
				01-09-76	69.97		4.85
				01-12-77	67.70		2.27

68 WELLS IN TERRY COUNTY



Hydrograph of Selected Well in Terry County and Precipitation at Brownfield



Contour Interval: 20 ft.

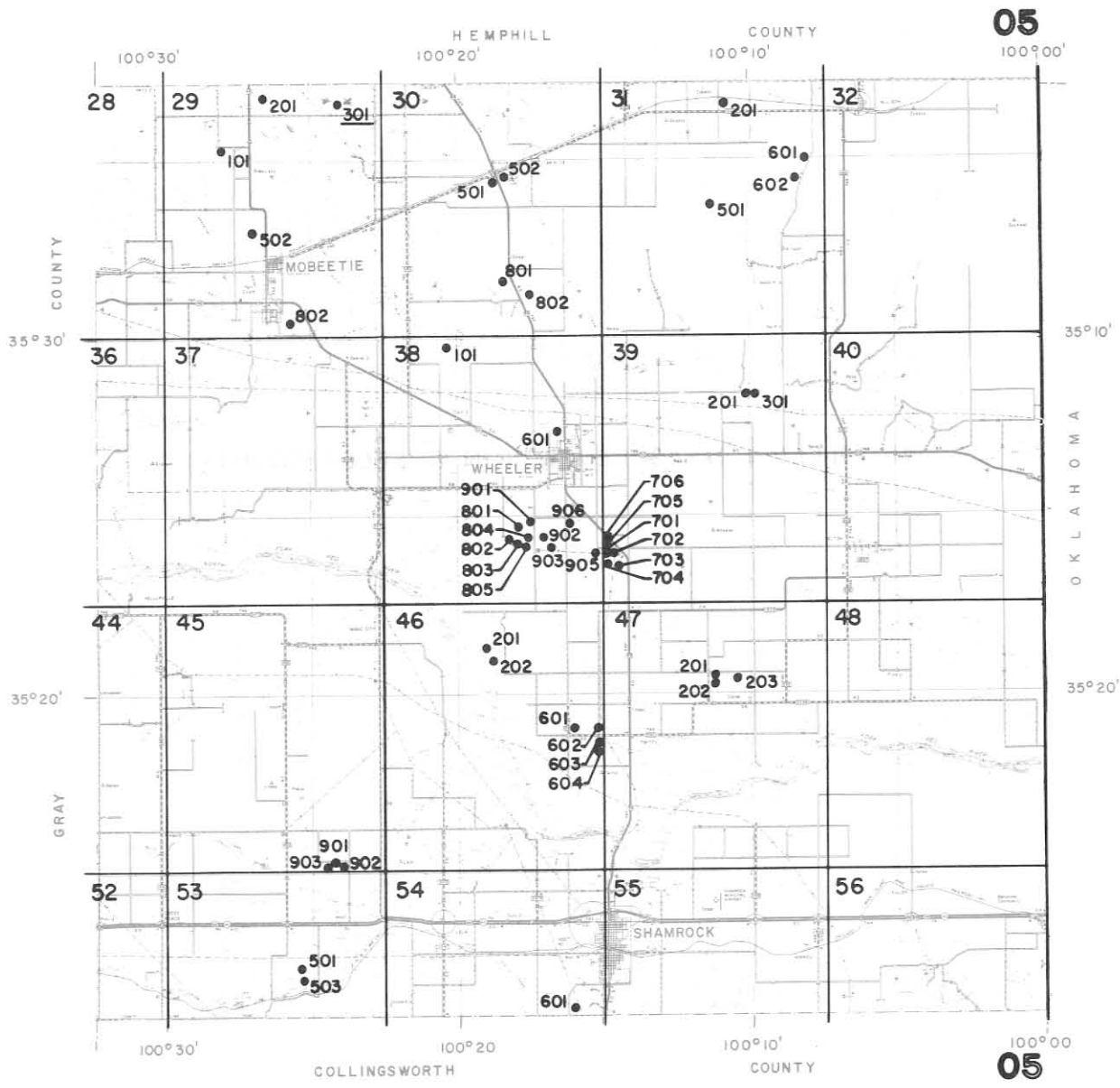


Approximate Depth to Water in the Ogallala Aquifer,
 1977 Terry County

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WATER-LEVEL MEASUREMENTS IN WHEELER COUNTY



Location of Observation Wells in Wheeler County

Base Map from Texas Department of Highways and Public Transportation

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
05-29-101	136	350	2822.00	01-15-56	162.73		
				01-20-57	163.24	0.51	
				04-16-58	163.10		0.14
				03-21-60	162.90		0.20
				02-01-61	162.84		0.06
				02-23-62	169.91	7.07	
				01-18-63	172.74	2.83	
				01-13-64	163.50		9.24
				01-12-65	163.09		0.41
				01-12-66	163.08		0.01
				01-12-67	163.31	0.23	
				01-17-68	164.37	1.06	
				01-18-69	163.52		0.85
				01-22-70	162.68		0.84
				01-13-71	164.74	2.06	
				01-06-72	164.09		0.65
				12-06-72	165.30	1.21	
				12-05-73	167.91	2.61	
				12-09-74	164.52		3.39
				12-01-75	172.93	8.41	
12-02-76	172.77		0.16				
05-29-201	136	280	2784.00	01-15-56	140.22		
				01-20-57	139.61		0.61
				04-16-58	139.38		0.23
				03-21-60	139.10		0.28
				02-01-61	140.40	1.30	
				02-23-62	139.83		0.57
				01-18-63	140.98	1.15	
				01-13-64	139.49		1.49
				01-12-65	138.85		0.64
				01-12-66	139.12	0.27	
				01-12-67	139.49	0.37	
				01-17-68	140.20	0.71	
				01-18-69	140.11		0.09
				01-22-70	139.65		0.46
				01-13-71	146.28	6.63	
				01-06-72	140.62		5.66
				12-06-72	141.53	0.91	
				12-05-73	145.26	3.73	
				12-01-75	149.25	3.99	

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OF ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				12-02-76	142.54		6.71
05-29-301	136	335	2726.00	01-15-56	120.30		
				01-20-57	122.13	1.83	
				04-16-58	121.81		0.32
				03-21-60	121.48		0.33
				02-01-61	121.63	0.15	
				02-23-62	121.37		0.26
				01-18-63	122.19	0.82	
				01-13-64	121.40		0.79
				01-12-65	123.46	2.06	
				01-12-66	123.54	0.08	
				01-12-67	123.23		0.31
				01-17-68	124.04	0.81	
				01-18-69	122.87		1.17
				01-22-70	124.04	1.17	
				01-13-71	125.49	1.45	
				01-06-72	124.75		0.74
				12-06-72	127.53	2.78	
				12-09-74	121.44		6.09
				12-01-75	130.68	9.24	
				12-02-76	131.22	0.54	
05-29-502	136	458	2733.00	07-15-55	107.08		
				01-15-56	107.88	0.80	
				01-20-57	104.72		3.16
				04-16-58	104.03		0.69
				03-21-60	103.56		0.47
				02-01-61	103.33		0.23
				02-23-62	103.42	0.09	
				01-18-63	103.41		0.01
				01-13-64	105.04	1.63	
				01-12-65	104.89		0.15
				01-12-66	105.48	0.59	
				01-17-68	106.06	0.58	
				01-22-70	106.31	0.25	
				01-13-71	109.11*	2.80	
				01-06-72	106.16*		2.95
				12-06-72	108.83	2.67	
				12-09-74	107.71		1.12
				12-01-75	111.27	3.56	
				12-02-76	110.02		1.25

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
0 MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
05-29-802	136	83	2580.00	01-15-56	17.05		
				04-16-58	17.41	0.36	
				03-21-60	14.90		2.51
				02-01-61	15.72	0.82	
				02-23-62	15.79	0.07	
				01-18-63	15.85	0.06	
				01-13-64	15.58		0.27
				01-12-65	17.19	1.61	
				01-12-66	17.48	0.29	
				01-12-67	18.58	1.10	
				01-17-68	18.07		0.51
				01-22-70	21.79	3.72	
				01-13-71	23.17	1.38	
				01-06-72	22.64		0.53
				12-05-73	24.56	1.92	
				12-09-74	23.30		1.26
12-01-75	24.00	0.70					
12-02-76	24.44	0.44					
05-30-501	136	153	2697.00	01-11-53	97.59		
				01-12-54	98.32	0.73	
				01-11-55	98.86	0.54	
				01-14-56	99.59	0.73	
				01-20-57	100.41	0.82	
				04-15-58	101.48	1.07	
				07-15-58	101.82	0.34	
				03-16-60	102.74	0.92	
				01-18-63	106.50	3.76	
				01-13-64	106.77	0.27	
				01-12-65	106.84	0.07	
				01-12-66	107.49	0.65	
				01-12-67	107.58	0.09	
				01-17-68	107.84	0.26	
				01-19-69	107.71		0.13
				01-21-70	108.20	0.49	
				01-13-71	108.31	0.11	
				01-06-72	109.86	1.55	
12-06-72	109.39		0.47				
12-05-73	116.90*	7.51					
12-09-74	111.89*		5.01				
12-01-75	111.59*		0.30				
12-03-76	111.06*		0.53				

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
05-30-502	136	90	2668.00	01-11-53	70.63		
				01-12-54	71.51	0.88	
				01-11-55	72.14	0.63	
				01-14-56	71.68		0.46
				01-20-57	76.88	5.20	
05-30-801	136	95	2540.00	07-16-58	63.93		
				03-21-60	60.94		2.99
				02-24-62	60.60		0.34
				01-18-63	61.12	0.52	
				01-12-65	61.58	0.46	
				01-12-66	61.52		0.06
				01-12-67	61.79	0.27	
				01-17-68	62.01	0.22	
				01-19-69	61.83		0.18
				01-22-70	64.10	2.27	
				01-13-71	64.60	0.50	
				01-06-72	72.57*	7.97	
				12-06-72	65.50		7.07
				12-05-73	76.38*	10.88	
12-09-74	79.42*	3.04					
12-01-75	64.39		15.03				
05-30-802	136	96	2496.00	07-16-58	65.68		
				03-21-60	65.58		0.10
				02-03-61	65.28		0.30
				02-24-62	65.21		0.07
				01-13-64	65.14		0.07
				01-12-65	65.49	0.35	
				01-12-66	65.44		0.05
				01-12-67	65.32		0.12
				01-19-69	65.40	0.08	
				01-22-70	67.30Q	1.90	
				01-13-71	68.39	1.09	
				01-06-72	92.50*	24.11	
				12-05-73	90.69*		1.81
				12-06-74	65.63		25.06
12-01-75	66.77Q	1.14					
12-03-76	66.29		0.48				
05-31-201	136	157	2648.00	01-11-53	111.86		
				01-12-54	111.97	0.11	
				01-11-55	111.66		0.31

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MFNT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-14-56	111.78	0.12	
				01-20-57	112.11	0.33	
				07-15-58	115.95	3.84	
				03-16-60	111.63		4.32
				02-01-61	108.94		2.69
				02-24-62	109.68	0.74	
				01-18-63	108.48		1.20
				01-13-64	108.27		0.21
				01-12-65	108.92	0.65	
				01-12-66	108.64		0.28
				01-12-67	113.20*	4.56	
				01-17-68	107.95		5.25
				01-19-69	108.19	0.24	
				01-21-70	110.10	1.91	
				01-13-71	103.36		6.74
				01-06-72	108.16	4.80	
				12-06-72	110.32	2.16	
				12-09-74	109.19		1.13
				12-01-75	110.22	1.03	
05-31-501	136	180	2500.00	02-08-52	36.88		
				01-11-53	37.85	0.97	
				01-12-54	37.76		0.09
				01-11-55	37.69		0.07
				01-14-56	37.26		0.43
				04-15-58	38.48	1.22	
				03-16-60	36.78		1.70
05-31-601	136	220	2538.00	02-08-52	63.15		
				01-11-53	62.49		0.66
				01-12-54	62.44		0.05
				01-11-55	61.60		0.84
				01-14-56	61.52		0.08
05-31-602	136	200	2512.00	01-20-57	47.16		
05-38-101	137	140	2450.00	01-15-56	1.91		
				01-20-57	2.35	0.44	
				07-15-58	2.14		0.21
				03-22-60	0.79		1.35
				02-03-61	0.81	0.02	
				02-24-62	0.82	0.01	
				01-13-64	0.84	0.02	

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)

Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-12-65	0.45		0.39
				01-12-66	0.50	0.05	
				01-12-67	0.52	0.02	
				01-17-68	0.63	0.11	
				01-18-69	0.78	0.15	
				01-22-70	0.80	0.02	
				01-13-71	1.41	0.61	
				01-06-72	1.51	0.10	
				12-06-72	2.43	0.92	
				12-09-74	3.13	0.70	
				12-01-75	3.33	0.20	
				12-03-76	1.99		1.34
05-38-601	136	95	2461.00	07-12-55	11.46		
				01-15-56	32.82	21.36	
				01-20-57	18.77		14.05
				07-15-58	12.13		6.64
				03-21-60	9.42		2.71
				02-03-61	8.78		0.64
				02-24-62	9.63*	0.85	
				01-17-63	10.05	0.42	
				01-13-64	14.80	4.75	
				01-12-65	14.63		0.17
				01-12-66	6.67		7.96
				01-12-67	18.16*	11.49	
				01-22-70	2.45*		15.71
				01-14-71	0.99		1.46
				01-06-72	0.95		0.04
				12-07-72	0.70		0.25
				12-05-73 +	0.03Q		0.73
				12-09-74	0.01	0.04	
				12-01-75	0.04	0.03	
				12-03-76	1.18	1.14	
05-38-801	136	138	2613.00	01-14-56	86.90		
				01-19-57	96.71	9.81	
				03-22-60	91.64		5.07
				02-14-61	89.88		1.76
				02-24-62	87.19		2.69
05-38-802	136	134	2603.00	01-11-55	73.54		
				01-19-57	80.98	7.44	
				02-14-61	82.51	1.53	

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
05-38-803	136	128	2604.00	01-19-57	95.35		
				03-22-60	90.14		5.21
				02-14-61	88.74		1.40
				02-24-62	87.30		1.44
				01-13-66	120.12	32.82	
				01-22-70	111.75		8.37
				01-14-71	105.40		6.35
				12-06-72	87.97		17.43
				12-10-74	86.64		1.33
				12-01-75	85.17		1.47
				12-03-76	84.94		0.23
				05-38-804	136	170	2635.00
01-19-57	120.75	2.55					
07-16-58	123.18	2.43					
03-22-60	121.54		1.64				
02-14-61	120.39		1.15				
02-24-62	121.45	1.06					
05-38-805	136	121	2630.00	07-16-58	108.33		
				03-22-60	106.55		1.78
				02-14-61	105.25		1.30
				02-24-62	103.81		1.44
05-38-901	136	----	2624.00	07-16-58	126.77		
				03-22-60	123.53		3.24
				02-14-61	124.86	1.33	
				02-24-62	124.21		0.65
05-38-902	136	84	2539.00	01-12-55	20.65		
				01-19-57	33.70	13.05	
				02-14-61	29.85		3.85
05-38-903	136	134	2609.00	01-19-57	89.75		
				03-22-60	88.21		1.54
				02-14-61	86.71		1.50
05-38-905	136	118	2560.00	02-08-52	66.79		
				01-11-53	70.16	3.37	
				01-10-55	72.57	2.41	
				01-14-56	67.01		5.56
				01-19-57	66.90		0.11
				03-22-60	68.02	1.12	

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)

0 MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				02-14-61	62.35		5.67
				02-24-62	60.50		1.85
05-38-906	136	91	2577.00	07-16-58	52.13		
				03-22-60	52.25	0.12	
				02-14-61	49.72		2.53
				02-24-62	35.71		14.01
05-39-201	292	44	2279.00	01-15-56	8.90		
				01-20-57	9.02	0.12	
				07-15-58	6.46		2.56
				03-21-60	5.00		1.46
				02-03-61	5.35	0.35	
				02-24-62	5.68	0.33	
				01-18-63	5.53		0.15
				01-13-64	6.31	0.78	
				01-12-65	6.24		0.07
				01-13-66	5.72		0.52
				01-12-67	7.20	1.48	
				01-16-68	6.44		0.76
				01-19-69	5.27		1.17
				01-22-70	7.70	2.43	
				01-14-71	6.76		0.94
				01-06-72	7.01	0.25	
				12-06-72	7.40	0.39	
				12-10-74	4.93		2.47
				12-01-75	5.67	0.74	
				12-03-76	5.65		0.02
05-39-301	292	44	2279.00	07-21-55	9.78		
				01-15-56	10.20	0.42	
				01-20-57	8.43		1.77
				07-15-58	5.54		2.89
				03-21-60	4.11		1.43
				02-03-61	4.48	0.37	
				02-24-62	4.76	0.28	
				01-18-63	4.60		0.16
				01-13-64	5.37	0.77	
				01-12-65	5.04		0.33
				01-13-66	4.82		0.22
				01-12-67	6.45	1.63	
				01-16-68	5.75		0.70
				01-19-69	4.38		1.37

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-22-70	4.60	0.22	
				01-14-71	6.17	1.57	
				01-06-72	6.37	0.20	
				12-06-72	6.57	0.20	
05-39-701	136	48	2509.00	12-13-46	32.10		
				02-22-51	27.75		4.35
				02-08-52	32.20	4.45	
				01-11-53	35.29	3.09	
				01-10-55	36.03	0.74	
				01-10-56	31.59		4.44
				01-19-57	31.23		0.36
				02-14-61	27.12		4.11
				02-24-62	25.24		1.88
05-39-702	136	65	2522.00	12-14-46	42.80		
				02-22-51	40.70		2.10
				01-11-53	52.17	11.47	
				01-19-57	51.10		1.07
				03-22-60	46.37		4.73
				02-14-61	40.51		5.86
				02-24-62	39.51		1.00
				01-17-63	39.06		0.45
				01-13-64	39.10	0.04	
				01-13-65	38.74		0.36
				01-13-66	40.70	1.96	
				01-12-67	42.57	1.87	
				01-16-68	42.11		0.46
				01-20-69	41.35		0.76
				01-22-70	40.20		1.15
				01-14-71	39.80		0.40
				01-06-72	42.14	2.34	
				12-07-72	41.93		0.21
				12-05-73	39.54		2.39
				12-10-74	40.14*	0.60	
				12-02-75	40.74	0.60	
				12-03-76	42.50	1.76	
05-39-703	136	50	2505.00	12-13-46	26.50		
				02-22-51	24.25		2.25
				02-08-52	28.64	4.39	
				01-11-53	28.82	0.18	
				01-10-55	32.59	3.77	

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-14-56	28.81		3.78
				01-19-57	28.57		0.24
				07-16-58	29.47	0.90	
				03-22-60	29.20		0.27
				02-14-61	23.58		5.62
				02-24-62	22.94		0.64
05-39-704	136	36	2499.00	12-14-46	21.28		
				02-22-51	18.60		2.68
				01-11-53	24.19	5.59	
				01-10-55	27.47	3.28	
				01-14-56	22.47		5.00
				01-19-57	22.33		0.14
				02-14-61	16.94		5.39
				02-24-62	16.25		0.69
05-39-705	136	66	2518.00	12-14-46	34.88		
				02-22-51	33.36		1.52
				01-10-55	41.72	8.36	
				01-19-57	42.55	0.83	
05-39-706	136	136	2572.00	02-22-51	85.71		
				02-08-52	84.48		1.23
				01-11-53	88.27	3.79	
				01-12-54	92.90	4.63	
				01-10-55	92.45		0.45
				01-14-56	86.58		5.87
				01-19-57	86.27		0.31
				03-22-60	86.67	0.40	
				02-14-61	81.57		5.10
				02-24-62	78.40		3.17
				01-17-63	77.94		0.46
				01-13-64	78.82	0.88	
				01-13-65	79.12	0.30	
				01-13-66	83.30	4.18	
				01-22-70	83.70	0.40	
				01-06-72	85.58	1.88	
				12-07-72	86.20	0.62	
				12-05-73	85.69		0.51
				12-10-74	82.62		3.07
				12-02-75	83.35	0.73	
				12-03-76	83.19		0.16

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
05-45-901	137	60	2548.00	07-16-55	8.70		
				01-15-56	8.00		
				01-20-57	8.65	0.65	0.70
				07-16-58	7.92		0.73
				03-30-60	6.54		1.38
				02-03-61	6.72	0.18	
				02-27-62	7.00	0.28	
				01-17-63	6.74		0.26
				01-12-64	7.46	0.72	
				01-13-65	7.84	0.38	
				01-13-66	7.79		0.05
				01-11-67	6.95		0.84
				01-16-68	7.22	0.27	
				01-20-69	7.29	0.07	
				01-23-70	7.33	0.04	
				01-15-71	5.48		1.85
				01-07-72	5.92	0.44	
				12-07-72	5.98	0.06	
12-10-74	4.47		1.51				
12-02-75	4.95	0.48					
12-06-76	4.93		0.02				
05-45-902	296	----	2549.00	01-15-56	26.38		
				01-20-57	27.54	1.16	
				07-16-58	25.99		1.55
				03-30-60	23.64		2.35
				02-03-61	24.28	0.64	
				02-27-62	24.80	0.52	
05-45-903	296	140	2538.00	01-15-56	6.30		
				01-20-57	7.02	0.72	
				07-16-58	5.89		1.13
				03-30-60	3.12		2.77
				02-03-61	3.70	0.58	
				02-27-62	4.00	0.30	
05-46-201	292	104	2281.00	01-15-56	3.72		
				03-17-60	2.20		1.52
				01-13-65	3.40	1.20	
				01-13-66	3.85	0.45	
				01-12-67	4.27	0.42	
				01-16-68	4.44	0.17	
				01-20-69	4.09		0.35

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-23-70	2.60		1.49
				01-14-71	4.47	1.87	
				01-07-72	3.17		1.30
				12-02-75	3.45	0.28	
05-46-202	292	35	2281.00	01-15-56	11.29		
				03-17-60	7.83		3.46
				02-24-62	9.11	1.28	
				01-13-64	11.33	2.22	
				01-13-65	10.64		0.69
				01-13-66	13.06	2.42	
				01-12-67	9.35		3.71
				01-16-68	12.71	3.36	
				01-20-69	9.23		3.48
				01-23-70	10.36	1.13	
				01-14-71	19.98*	9.62	
				01-07-72	10.39*		9.59
				12-07-72	12.89*	2.50	
				12-10-74	8.34		4.55
				12-02-75	9.99	1.65	
05-46-601	060	52	2279.00	07-16-58	34.28		
				03-17-60	33.10		1.18
				02-03-61	30.09		3.01
				02-27-62	30.74	0.65	
				01-17-63	30.48		0.26
				01-13-64	32.20	1.72	
				01-12-65	30.13		2.07
				01-13-66	32.50	2.37	
				01-12-67	33.81	1.31	
				01-16-68	32.42		1.39
				01-20-69	33.06	0.64	
				01-23-70	34.98	1.92	
				01-14-71	36.60	1.62	
				01-07-72	39.63	3.03	
				12-07-72	36.42		3.21
				12-05-73	33.80		2.62
				12-10-74	34.94	1.14	
				12-02-75	35.07*	0.13	
				12-06-76	33.78*		1.29
05-46-602	060	135	2257.00	01-15-56	34.84		
				01-20-57	37.26	2.42	

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
O MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				07-15-58	34.71		2.55
				03-17-60	33.42		1.29
				02-03-61	30.66		2.76
				02-27-62	30.40		0.26
				01-17-63	29.58		0.82
				01-13-64	33.05	3.47	
				01-12-65	37.14	4.09	
				01-13-66	36.64		0.50
				01-12-67	38.72	2.08	
				01-16-68	36.48		2.24
				01-20-69	35.25		1.23
				01-23-70	35.30	0.05	
				01-14-71	40.09	4.79	
				01-07-72	41.43	1.34	
				12-07-72	40.77		0.66
				12-05-73	35.02		5.75
				12-10-74	33.89		1.13
				12-02-75	33.77		0.12
				12-06-76	35.32	1.55	
05-46-603	060	120	2250.00	07-12-55	28.08		
				01-15-56	29.77	1.69	
				01-20-57	32.28	2.51	
				07-15-58	29.26		3.02
				03-17-60	28.89		0.37
				02-03-61	24.99		3.90
				02-27-62	25.48	0.49	
				01-17-63	24.37		1.11
				01-13-64	27.40	3.03	
				01-12-65	32.07	4.67	
				01-13-66	31.30		0.77
				01-12-67	33.00	1.70	
				01-16-68	31.88		1.12
				01-23-70	30.19		1.69
				01-14-71	35.32	5.13	
				01-07-72	36.31	0.99	
				12-07-72	35.60		0.71
				12-05-73	29.29		6.31
				12-10-74	28.48		0.81
				12-02-75	28.24		0.24
				12-06-76	30.21	1.97	
05-46-604	060	145	2265.00	07-15-58	30.81		

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				03-17-60	28.93		1.88
				02-03-61	26.34		2.59
				02-27-62	26.83	0.49	
05-47-201	296	82	2230.00	01-14-56	11.15		
				01-20-57	12.52	1.37	
				07-15-58	10.89		1.63
				03-17-60	11.00	0.11	
				02-03-61	11.02	0.02	
				02-27-62	11.50	0.48	
				01-17-63	11.40		0.10
				01-13-64	12.06	0.66	
				01-12-65	12.15	0.09	
				01-13-66	12.87	0.72	
				01-11-67	12.70		0.17
				01-16-68	12.59		0.11
				01-20-69	12.35		0.24
				01-23-70	12.22		0.13
				01-06-72	15.66	3.44	
				12-07-72	13.18		2.48
				12-05-73	12.36		0.82
				12-10-74	12.09		0.27
				12-02-75	11.69		0.40
05-47-202	296	----	2230.00	01-14-56	5.40		
				01-21-57	7.58	2.18	
				07-15-58	5.74		1.84
				03-17-60	5.77	0.03	
				02-03-61	6.22	0.45	
				02-27-62	6.50	0.28	
05-47-203	296	202	2233.00	01-14-56	25.11		
				01-20-57	23.93		1.18
				07-15-58	21.68		2.25
				03-17-60	16.20		5.48
				02-03-61	12.18		4.02
				02-23-62	18.81	6.63	
				01-17-63	16.40		2.41
				01-13-64	18.48	2.08	
				01-12-65	20.72	2.24	
				01-13-66	15.52		5.20
				01-11-67	21.00	5.48	
				01-16-68	19.60		1.40

WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
0 MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-20-69	19.19		0.41
				01-23-70	22.45	3.26	
				01-14-71	27.04	4.59	
				01-06-72	30.35	3.31	
				12-07-72	27.08		3.27
				12-05-73	19.85		7.23
				12-10-74	17.98		1.87
				12-02-75	18.00	0.02	
				12-06-76	21.89	3.89	
05-53-501	136	160	2562.00	01-21-57	28.65		
				07-16-58	28.20		0.45
				03-17-60	25.59		2.61
				02-03-61	24.12		1.47
				02-27-62	25.17	1.05	
				01-17-63	24.84		0.33
				01-12-64	26.08	1.24	
				01-13-65	26.42	0.34	
				01-13-66	26.60	0.18	
				01-11-67	26.80	0.20	
				01-16-68	27.27	0.47	
				01-23-70	27.69	0.42	
				01-15-71	27.77	0.08	
				01-07-72	28.38	0.61	
				12-10-74	28.10		0.28
				12-02-75	27.66		0.44
				12-06-76	28.03	0.37	
05-53-503	136	37	2548.00	01-15-56	16.40		
				01-21-57	17.62	1.22	
				07-16-58	16.54		1.08
				03-17-60	13.52		3.02
				02-03-61	12.41		1.11
				02-27-62	12.77	0.36	
05-54-601	060	74	2277.00	07-16-55	18.08		
				01-15-56	19.39	1.31	
				01-21-57	21.67	2.28	
				07-16-58	21.08		0.59
				03-17-60	14.89		6.19
				02-03-61	12.05		2.84
				02-27-62	11.50		0.55
				01-17-63	10.10		1.40

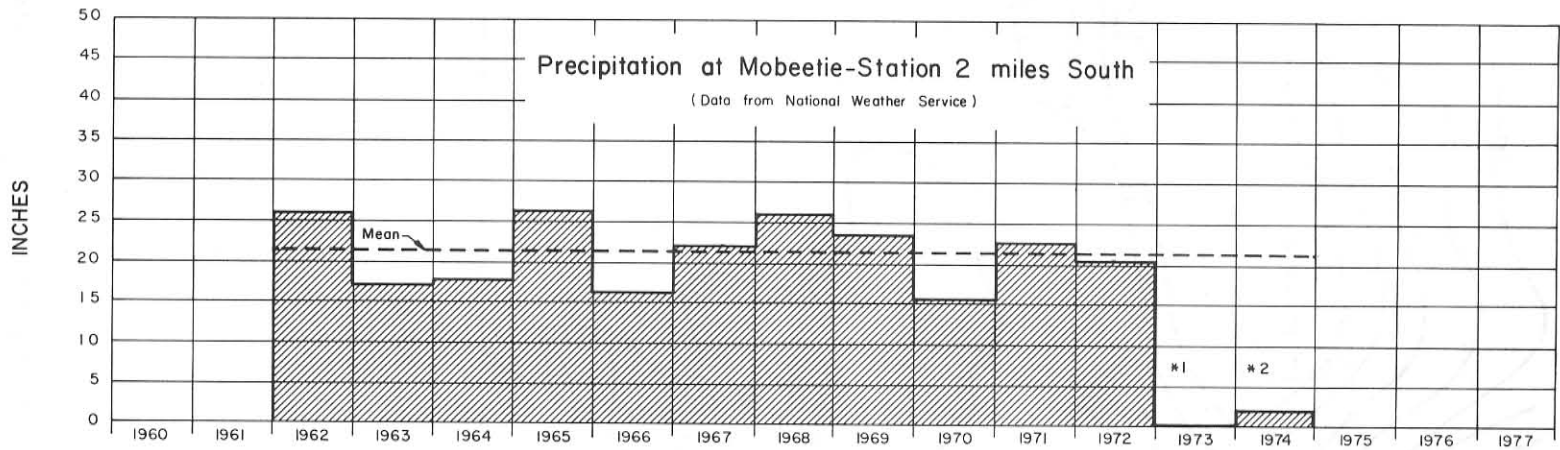
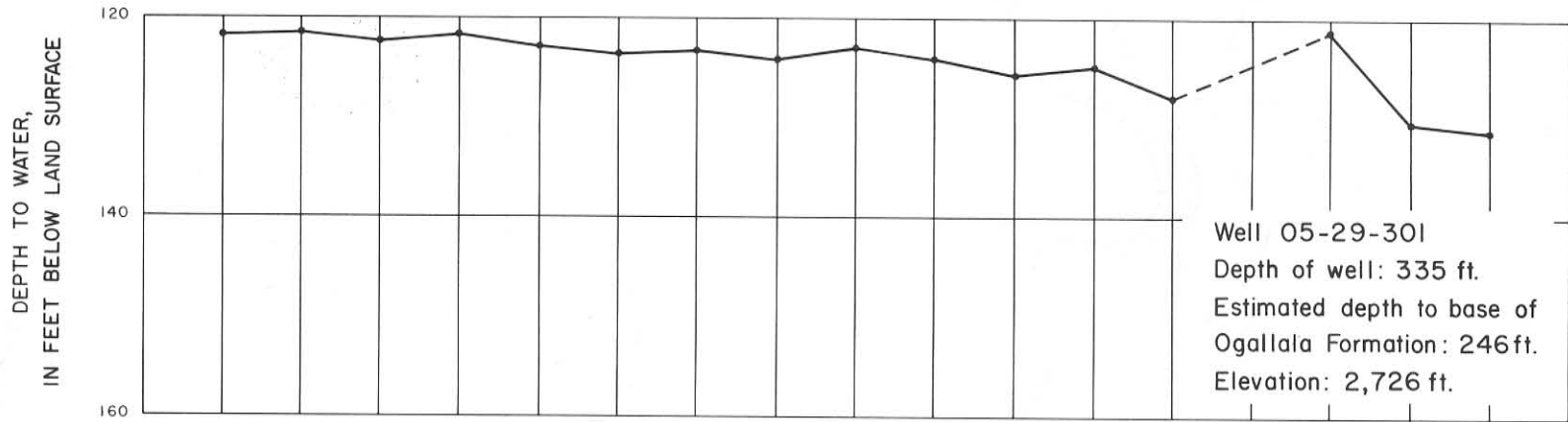
WHEELER COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

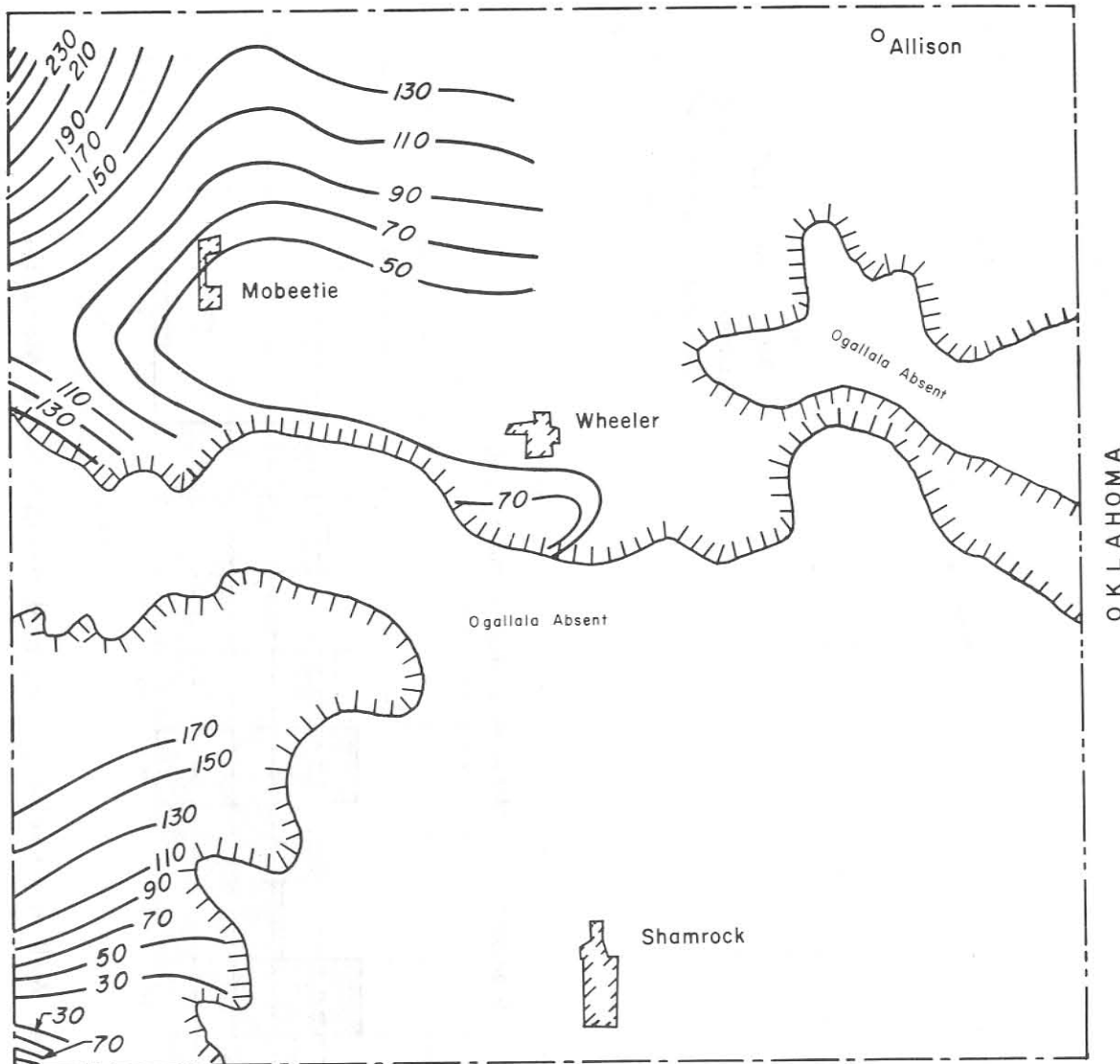
STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-13-64	11.70	1.60	
				01-13-66	12.55	0.85	
				01-12-67	14.16	1.61	
				01-16-68	13.60		0.56
				01-20-69	13.13		0.47
				01-23-70	13.50	0.37	
				01-15-71	15.79	2.29	
				01-07-72	16.69	0.90	
				12-07-72	16.03		0.66
				12-06-73	12.14		3.89
				12-10-74	14.02	1.88	
				12-02-75	14.48	0.46	
				12-06-76	17.59	3.11	

48 WELLS IN WHEELER COUNTY



* Data missing or incomplete. Number of complete months is given. Not used in calculating the mean.

Hydrograph of Selected Well in Wheeler County and Precipitation at Mobeetie



Contour Interval: 20 ft.

0 1 2 3 4 MILES

0 1 2 3 4 5 6 KILOMETERS



Approximate Depth to Water in the Ogallala Aquifer,
1977 Wheeler County

WATER-LEVEL MEASUREMENTS IN YOAKUM COUNTY

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-41-401	136	----	3816.00	12-10-70	116.90		
				01-06-72	116.52		
				01-19-73	116.72	0.20	0.38
				01-09-74	118.34	1.62	
				01-07-75	118.00		0.34
				01-08-76	117.62		0.38
			01-08-77	121.63	4.01		
24-41-601	136	----	3739.00	12-10-70	95.12		
				05-02-72	120.60*	25.48	
				01-09-74	98.50		22.10
				01-09-75	98.90Q	0.40	
24-41-802	136	118	3730.00	01-13-76	71.70		
24-41-901	136	----	3740.00	12-10-70	88.57		
				01-06-72	88.74	0.17	
				01-19-73	104.71	15.97	
24-42-801	136	----	3706.00	12-11-70	157.71		
				01-06-72	159.08	1.37	
				01-19-73	157.38		1.70
				01-10-74	153.57		3.81
				01-08-76	164.70Q	11.13	
24-42-901	136	180	3645.00	12-11-70	117.57		
				01-06-72	118.12	0.55	
				01-19-73	116.93		1.19
				01-10-74	118.43	1.50	
24-43-401	136	----	3660.00	12-11-70	110.82		
				01-06-72	110.27		0.55
				01-19-73	109.28		0.99
				01-10-74	109.70	0.42	
				01-09-75	107.00Q		2.70
				01-08-76	113.10	6.10	
			01-08-77	105.25		7.85	
24-43-701	136	150	3626.00	12-11-70	93.92		
				01-06-72	91.79		2.13
				01-19-73	89.74		2.05

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-10-74	90.63	0.89	
				01-09-75	85.75		4.88
				01-08-76	83.25		2.50
				01-08-77	81.79		1.46
24-43-801	136	140	3600.00	01-13-76	94.20		
				01-08-77	92.55		1.65
24-44-101	136	----	3588.00	12-11-70	141.81		
				01-06-72	141.87	0.06	
				01-19-73	141.65		0.22
				01-10-74	141.40		0.25
				01-09-75	141.75	0.35	
24-44-701	180	400	3538.00	01-13-76	178.68		
				01-08-77	169.06		9.62
24-49-401	136	165	3790.00	05-02-72	117.15		
				01-20-73	118.25	1.10	
				01-07-75	124.00Q	5.75	
				01-08-76	123.30		0.70
				01-07-77	112.62		10.68
24-49-601	136	----	3708.00	01-14-76	71.82		
				01-07-77	70.60		1.22
24-49-702	136	----	3750.00	12-09-70	114.82		
				01-20-73	112.75		2.07
				01-08-74	114.09	1.34	
				01-08-75	120.60	6.51	
				01-07-77	116.14		4.46
24-50-201	136	----	3705.00	05-02-72	150.86		
24-50-202	136	208	3711.00	01-14-76	150.85		
				01-08-77	152.22	1.37	
24-50-402	136	----	3663.00	01-06-72	77.83Q		
				01-20-73	72.98		4.85
				01-08-74	74.20	1.22	
				01-08-76	79.20Q	5.00	
				01-07-77	77.72		1.48

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
24-50-801	136	----	3648.00	12-08-70	85.78		
				01-05-72	98.44	12.66	
				01-21-73	87.38		11.06
				01-09-74	87.11		0.27
				01-08-75	86.85		0.26
				01-09-76	84.74		2.11
				01-07-77	85.68	0.94	
24-51-101	136	----	3630.00	12-11-70	120.02		
				05-02-72	119.00Q		1.02
				01-19-73	125.94	6.94	
				01-10-74	118.84		7.10
				01-09-75	117.60		1.24
				01-08-77	112.45		5.15
24-51-201	136	----	3584.00	12-11-70	79.08		
				01-06-72	79.16	0.08	
				01-20-73	81.16	2.00	
				01-10-74	78.55		2.61
				01-08-75	78.20		0.35
				01-08-76	82.60	4.40	
				01-08-77	71.86		10.74
24-51-601	136	185	3578.00	12-11-70	116.53		
				01-06-72	122.47	5.94	
				01-19-73	122.35		0.12
				01-10-74	114.90		7.45
				01-08-75	112.40Q		2.50
				01-08-76	110.52		1.88
				01-06-77	108.58		1.94
24-51-701	136	153	3573.00	12-08-70	99.62		
				01-05-72	98.68		0.94
				01-20-73	96.26		2.42
				01-10-74	100.70	4.44	
				01-09-75	88.60		12.10
				01-06-77	93.38	4.78	
24-51-901	136	----	3550.00	12-08-70	71.02		
				01-05-72	72.04	1.02	
				01-19-73	68.69		3.35
				01-10-74	67.30		1.39
				01-09-75	65.40		1.90

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-10-76	66.55	1.15	
				01-06-77	61.78		4.77
24-52-101	136	----	3530.00	12-11-70	68.52*		
				01-06-72	67.21		1.31
				01-19-73	64.27		2.94
				01-10-74	65.94	1.67	
				01-09-75	62.65		3.29
				01-08-77	59.90		2.75
24-52-701	136	130	3497.00	12-08-70	79.70		
				01-05-72	75.70		4.00
				01-19-73	69.45		6.25
				01-10-74	71.29	1.84	
				01-09-75	69.15		2.14
				01-10-76	66.00		3.15
				01-06-77	63.47		2.53
24-57-201	136	112	3652.00	12-10-70	48.88		
				01-05-72	51.19	2.31	
				01-20-73	51.89	0.70	
				01-08-74	47.52		4.37
				01-08-75	47.50		0.02
				01-09-76	46.05		1.45
				01-07-77	47.07	1.02	
24-57-301	136	146	3660.00	12-10-70	87.50		
				01-05-72	91.29	3.79	
				01-20-73	89.10		2.19
				01-08-74	93.88	4.78	
				01-08-75	86.30		7.58
				01-09-76	82.10		4.20
				01-07-77	85.90	3.80	
24-57-601	136	132	3620.00	12-09-70	64.17		
				01-05-72	64.66	0.49	
				01-20-73	70.72	6.06	
				01-08-74	65.80		4.92
				01-08-75	68.35	2.55	
				01-09-76	63.80		4.55
				01-07-77	65.26	1.46	
24-57-701	136	----	3682.00	12-09-70	83.38*		

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				05-02-72	99.30*	15.92	
				01-20-73	88.41		10.89
				01-07-77	109.40	20.99	
24-57-801	136	----	3650.00	12-09-70	62.33		
				01-05-72	63.83	1.50	
24-58-101	136	148	3655.00	01-05-72	95.62		
				01-20-73	94.20		1.42
				01-08-74	92.44		1.76
				01-08-75	93.10	0.66	
				01-09-76	88.94		4.16
				01-07-77	92.25	3.31	
24-58-201	136	----	3635.00	12-08-70	92.78		
				05-02-72	121.11*	28.33	
				01-21-73	97.45		23.66
				01-09-74	92.41		5.04
				01-08-75	92.50	0.09	
				01-09-76	90.46		2.04
				01-07-77	91.58	1.12	
24-58-301	136	----	3590.00	12-09-70	111.18		
				01-04-72	111.75	0.57	
				01-21-73	115.80	4.05	
				01-10-74	111.60		4.20
				01-09-75	112.30*	0.70	
				01-10-76	117.56*	5.26	
				01-06-77	117.56*		
24-58-801	136	----	3600.00	12-09-70	79.98		
				01-04-72	80.14	0.16	
				01-09-74	80.80	0.66	
				01-08-75	80.05		0.75
				01-09-76	80.40	0.35	
				01-07-77	78.39		2.01
24-59-301	136	----	3542.00	12-08-70	120.75		
				01-05-72	124.90	4.15	
				01-21-73	124.01		0.89
				01-10-74	118.84		5.17
				01-09-75	120.00Q	1.16	
				01-10-76	123.55Q	3.55	

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
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STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-07-77	120.85		2.70
24-59-501	136	----	3522.00	12-08-70	106.70		
				01-04-72	109.77	3.07	
				01-21-73	107.69		2.08
				01-10-74	104.02		3.67
				01-09-75	106.50Q	2.48	
				01-10-76	100.77		5.73
				01-07-77	98.42		2.35
24-60-402	136	----	3481.00	12-08-70	87.15		
				01-05-72	87.29	0.14	
				01-21-73	86.06		1.23
				01-10-74	85.10		0.96
				01-09-75	86.00	0.90	
				01-10-76	83.70		2.30
				01-07-77	83.17		0.53
25-48-301	136	221	3833.00	12-10-70	104.33		
				01-06-72	105.80	1.47	
				01-19-73	109.00	3.20	
				01-09-74	102.40Q		6.60
				01-07-75	104.20	1.80	
				01-07-76	105.39	1.19	
				01-07-77	110.38	4.99	
25-48-302	136	----	3851.00	01-12-76	87.65*		
25-48-901	136	----	3781.00	12-10-70	55.15		
				01-06-72	54.44		0.71
				01-19-73	53.94		0.50
				01-09-74	51.50		2.44
				01-07-75	52.40	0.90	
				01-07-76	54.50	2.10	
				01-08-77	57.25	2.75	
25-48-902	136	----	3776.00	12-10-70	48.55		
				01-06-72	50.31	1.76	
				01-19-73	51.36	1.05	
				01-09-74	51.37	0.01	
				01-07-75	52.64	1.27	
				01-07-76	55.90	3.26	
				01-08-77	56.78	0.88	

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

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OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
25-56-201	136	136	3791.00	12-10-70	80.15		
				01-06-72	82.65	2.50	
				01-20-73	83.04	0.39	
				01-08-74	83.54	0.50	
				01-07-75	84.60	1.06	
				01-08-76	82.00		2.60
				01-07-77	82.19	0.19	
25-56-301	136	105	3768.00	12-10-70	42.10		
				01-06-72	41.62		0.48
				01-19-73	42.20	0.58	
				01-09-74	42.21	0.01	
				01-07-75	42.15		0.06
				01-07-76	45.60Q	3.45	
				01-08-77	42.17		3.43
25-56-601	136	----	3792.00	12-10-70	84.77		
				01-06-72	85.28	0.51	
				01-20-73	85.26		0.02
				01-08-74	85.38	0.12	
				01-07-75	86.25	0.87	
				01-08-76	84.35		1.90
				01-07-77	87.05	2.70	
25-64-301	136	173	3745.00	12-09-70	81.78		
				05-02-72	82.30	0.52	
				01-20-73	83.35	1.05	
				01-08-74	84.72	1.37	
				01-08-75	85.30	0.58	
				01-08-76	84.02		1.28
				01-07-77	85.38	1.36	
25-64-501	136	----	3742.00	12-09-70	69.55		
				01-05-72	71.42	1.87	
				01-20-73	69.56		1.86
				01-08-74	70.81	1.25	
				01-08-75	73.20	2.39	
				01-08-76	72.54		0.66
				01-07-77	78.23	5.69	
25-64-602	136	----	3708.00	12-09-70	68.50		
				01-05-72	69.96	1.46	
				01-20-73	68.83		1.13

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				01-08-74	69.35	0.52	
				01-08-75	70.33	0.98	
				01-08-76	69.04		1.29
				01-07-77	72.07	3.03	
25-64-801	136	----	3725.00	01-05-72	84.08Q		
				05-02-72	79.20*		4.88
				01-20-73	71.72		7.48
				01-08-74	84.70Q	12.98	
				01-09-76	72.00		12.70
				01-07-77	81.86	9.86	
26-08-201	136	170	3714.00	12-09-70	60.02		
				01-05-72	61.29	1.27	
				01-20-73	61.81*	0.52	
				01-08-74	63.90	2.09	
				01-08-75	70.15	6.25	
				01-09-76	73.40	3.25	
				01-07-77	76.84	3.44	
26-08-202	136	----	3710.00	12-09-70	74.30		
				01-05-72	72.79Q		1.51
				01-20-73	76.32	3.53	
				01-08-74	79.49	3.17	
				01-08-75	80.70	1.21	
				01-09-76	83.21	2.51	
				01-07-77	83.72	0.51	
27-01-101	136	----	3685.00	12-09-70	99.36		
				01-05-72	102.77	3.41	
				01-20-73	103.75	0.98	
				01-08-74	105.35	1.60	
				01-08-75	108.60	3.25	
				01-09-76	113.00Q	4.40	
27-02-201	136	167	3565.00	07-27-71	101.89*		
				01-04-72	98.05		3.84
				01-08-74	94.70*		3.35
				01-09-75	99.80	5.10	
				01-10-76	98.90		0.90
				01-07-77	98.80		0.10
27-02-301	136	137	3522.00	04-14-70	63.40		

YOAKUM COUNTY

WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE(+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
				06-02-70	63.70	0.30	
				10-06-70	64.09	0.39	
				12-09-70	64.40	0.31	
				02-17-71	64.37		0.03
				04-13-71	64.58	0.21	
				06-15-71	64.96	0.38	
				08-17-71	65.19	0.23	
				10-27-71	64.97		0.22
				12-04-71	64.77		0.20
				02-08-72	64.70		0.07
				04-13-72	64.48		0.22
				06-13-72	64.64	0.16	
				08-15-72	64.70	0.06	
				10-11-72	64.63		0.07
				12-04-72	64.05		0.58
				02-06-73	63.98		0.07
				03-27-73	63.74		0.24
				06-13-73	63.84	0.10	
				08-13-73	63.65		0.19
				10-02-73	63.78	0.13	
				12-10-73	63.88	0.10	
				01-07-74	63.58		0.30
				03-19-74	63.80	0.22	
				06-19-74	66.80	3.00	
				09-18-74	70.58	3.78	
				12-03-74	71.59	1.01	
				01-09-75	71.70	0.11	
				03-18-75	72.52	0.82	
				06-11-75	73.17	0.65	
				09-10-75	68.96		4.21
				11-04-75	67.97		0.99
				01-10-76	66.60		1.37
				05-05-76	68.00	1.40	
				08-04-76	65.27		2.73
				11-02-76	64.83		0.44
				01-07-77	64.37		0.46
27-03-202	136	----	3454.00	12-08-70	96.51		
				01-04-72	101.39	4.88	
				01-10-74	91.05		10.34
				01-09-75	91.60	0.55	
				01-10-76	92.40	0.80	
				01-07-77	85.50		6.90

YOAKUM COUNTY

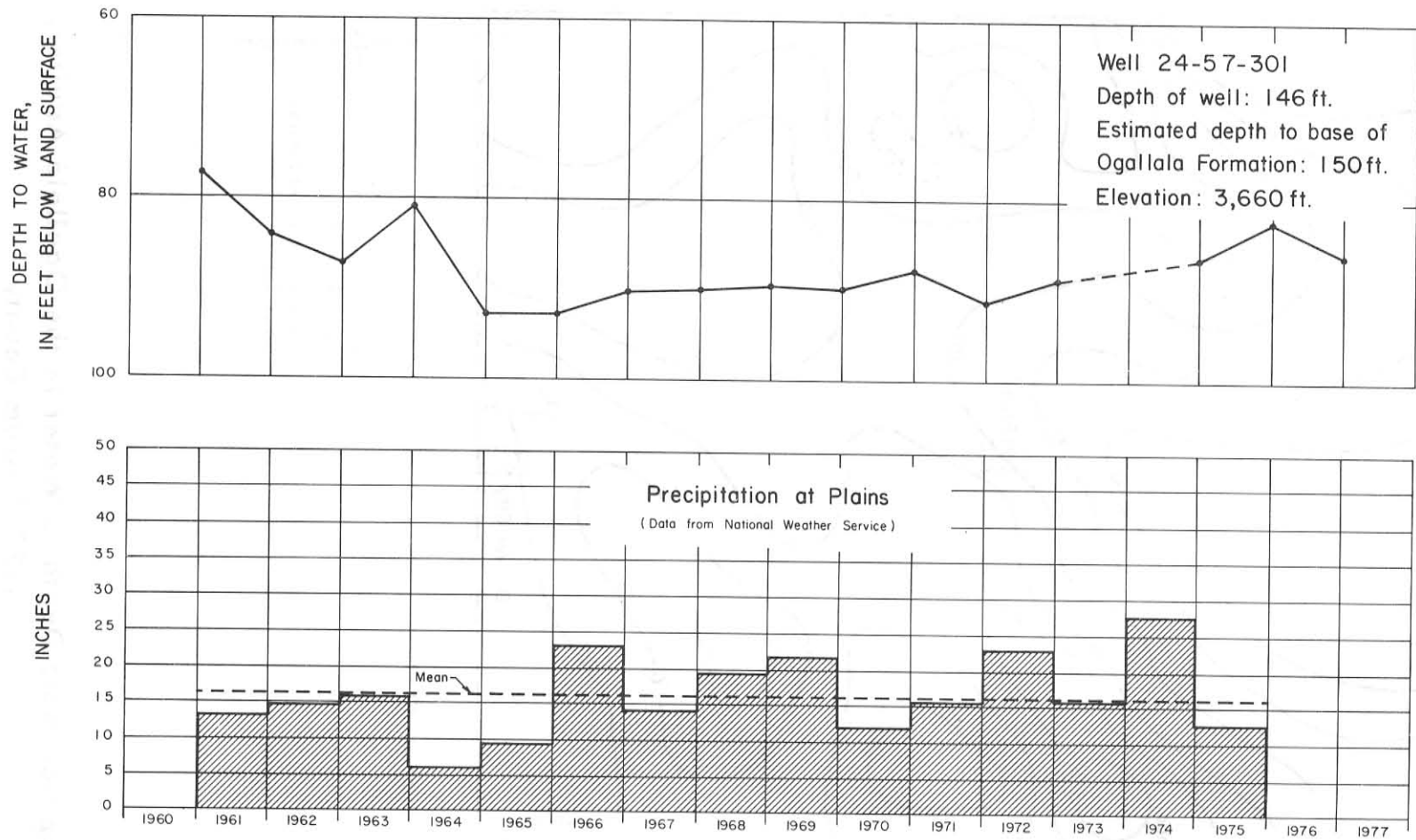
WATER LEVEL MEASUREMENTS, IN FEET, BELOW OR ABOVE (+) LAND SURFACE - CONTINUED

* MEASUREMENT AFFECTED BY PUMPING (PUMPING LEVEL, WELL PUMPED RECENTLY,
OR WELL(S) PUMPING NEARBY)
Q MEASUREMENT MAY NOT BE VALID STATIC LEVEL

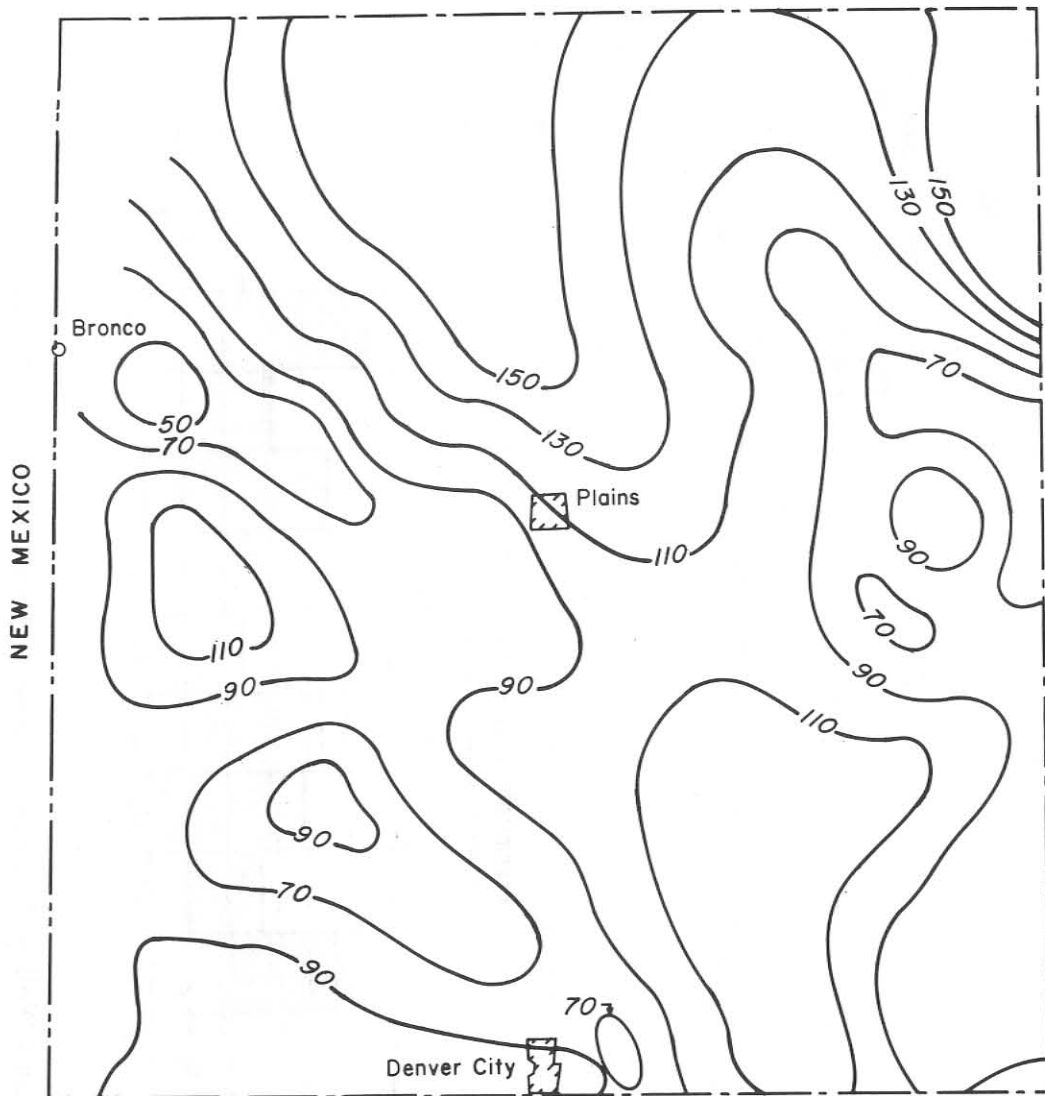
STATE WELL NUMBER	AQUIFER CODE	DEPTH OF WELL	ELEVATION OF LAND SURFACE	DATE	MEASURE- MENT	CHANGE IN WATER LEVEL FROM PREVIOUS MEASUREMENT	
						DECLINE	RISE
27-03-203	136	----	3493.00	12-08-70	119.43		
				01-04-72	118.65		0.78
				01-21-73	125.72	7.07	
				01-08-74	132.00	6.28	
				01-09-75	118.67		13.33
				01-10-76	120.15	1.48	
				01-07-77	117.24		2.91
27-04-101	136	----	3510.00	12-08-70	100.76		
				01-04-72	104.64Q	3.88	
				05-02-72	120.70*	16.06	
				01-21-73	104.57		16.13
				01-10-74	101.85		2.72
				01-09-75	100.50		1.35
				01-10-76	108.62	8.12	
01-07-77	92.47		16.15				

56 WELLS IN

YOAKUM COUNTY



Hydrograph of Selected Well in Yoakum County and Precipitation at Plains



Contour Interval: 20 ft.

0 1 2 3 4 MILES



0 1 2 3 4 5 6 KILOMETERS



Approximate Depth to Water in the Ogallala Aquifer,
1977 Yoakum County