

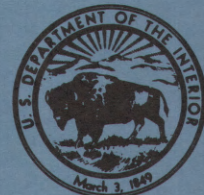


JANUARY 1980 WATER LEVELS, AND DATA RELATED TO WATER-LEVEL CHANGES, WESTERN AND SOUTH-CENTRAL KANSAS

U.S. GEOLOGICAL SURVEY

HYDROLOGIC DATA
OPEN-FILE REPORT 80-958

Prepared in cooperation with the
Kansas Geological Survey and the
Division of Water Resources,
Kansas State Board of Agriculture



UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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by M. E. Pabst

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August 1980

CONTENTS

	Page
Introduction	3
Publications containing water-level data for Kansas	5

TABLES

Table	Page
1. Hydrologic data,	
Northwestern Kansas	8
West-central Kansas	25
Southwestern Kansas	36
South-central Kansas	57
2. Changes in water level and saturated thickness, accompanied by county maps showing locations of observation wells and 1979-80 water-level changes,	
Northwestern Kansas	70
West-central Kansas	95
Southwestern Kansas	111
South-central Kansas	145

INTRODUCTION

This report contains hydrologic data on water-level measurements in observation wells in western and south-central Kansas. The measurements were made in mid-winter, mostly in January, when pumping was minimal and water levels had recovered from the effects of pumping during the previous irrigation season. This report also provides basic hydrologic data for relating water-level changes from a "base-reference year" (predevelopment year), a year of abnormally high rainfall and minimum pumpage (1966), and the previous year (1979). The "base-reference year" is designated as 1950 for the northwestern and west-central areas, 1940 for the southwestern area, and 1944 for the south-central area. Water-level data in the south-central area also are compared with data for 1974. "Base-reference-year" water levels are based on measurements made during that year and on interpretation of water-table-contour maps.

Tables in the report show the depths to water level in 1940, 1944, or 1950 (predevelopment years), 1966, 1974, 1979, and 1980; water-level changes from 1940-80, 1944-80, 1950-80, 1966-80, 1974-80, and 1979-80; and the average annual changes from 1940-80, 1944-80, 1950-80, 1966-80, and 1974-80. Also shown are saturated thicknesses of the deposits in 1940, 1944, or 1950, and in 1980, as well as the percentage change in saturated thickness from 1940-80, 1944-80, or 1950-80.

Maps in the report, drawn by digital plotter, show the location of observation wells where water-level measurements are made. The water-level rise or decline, 1979-80, is given to the nearest 0.01 foot; two values at the same location indicate separate wells in the same 10-acre tract.

The annual water-level measurements are made by personnel of the Division of Water Resources of the Kansas State Board of Agriculture and of the U.S. Geological Survey. State-agency support for this program is provided through the Kansas Geological Survey.

Wells in this report are numbered according to the Bureau of Land Management's system of land subdivision. In this system, the first set of digits of a well number indicates the township; the second set, the range east or west of the sixth principal meridian; and the third set, the section in which the well is situated. The first letter denotes the 160-acre tract within the section; the second, the 40-acre tract; and the third, the 10-acre tract. The letters, A, B, C, or D, are designated in a counterclockwise direction beginning in the northeast quadrant. Because there may be more than one well in a 10-acre tract, consecutive numbers, beginning with "1", are added in the order in which the data from the wells are collected.

Explanation of geologic units in tables 1 and 2 are: QA, Quaternary alluvium; QU, undifferentiated Quaternary deposits; T0, Ogallala Formation; KN, Niobrara Formation; KU, undifferentiated Lower Cretaceous rocks; KJ, undifferentiated Lower Cretaceous and Upper Jurassic rocks.

PUBLICATIONS CONTAINING WATER-LEVEL DATA FOR KANSAS

Records of water-level data for Kansas were published in U.S. Geological Survey Water-Supply Papers from 1935-71. These Water-Supply Papers are listed below:

Year	Water-Supply Paper*	Year	Water-Supply Paper*
1935	777	1948	1128
1936	817	1949	1158
1937	840	1950	1167
1938	845	1951	1193
1939	886	1952	1223
1940	908	1953	1267
1941	938	1954	1323
1942	946	1955	1406
1943	988	1956	1456
1944	1018	1957-61	1781
1945	1025	1962-66	1976
1946	1073	1967-71	2090
1947	1098		

* May be purchased from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20242.

During the years 1956-65, a series of annual reports that contain records of water-level measurements made in Kansas were published in the following Kansas Geological Survey Bulletins:

Year	Bulletin number*	Year	Bulletin number*
1956	125	1961	159
1957	131	1962	167
1958	141	1963	173
1959	146	1964	177
1960	153	1965	184

* May be purchased from the Publications Section, Kansas Geological Survey, University of Kansas, Lawrence, Kansas 66045.

In addition to the publications listed, records of annual water-level measurements in Kansas were presented in the following publications:

Broeker, M. E., McIntyre, H. J., Jr., and McNellis, J. M., 1977, Ground-water levels in observation wells in Kansas, 1971-75: Kansas Geological Survey Basic Data Series, Ground-Water Release 6, 526 p.

Broeker, M. E., and McNellis, J. M., 1973, Ground-water levels in observation wells in Kansas, 1966-70: Kansas Geological Survey Basic Data Series, Ground-Water Release 3, 373 p.

Pabst, M. E., 1977, January 1977 water levels, and data related to water-level changes since 1950, western Kansas: U.S. Geological Survey Open-File Report 77-264, 209 p.

_____, 1978, January 1978 water levels, and data related to water-level changes since 1940 or 1950, western Kansas: U.S. Geological Survey Open-File Report 78-409, 179 p.

_____, 1979, January 1979 water levels, and data related to water-level changes, western and south-central Kansas: U.S. Geological Survey Open-File Report 79-925, 213 p.

- Pabst, M. E., and Gutentag, E. D., 1977, Water-level changes in west-central Kansas, 1950-77: Kansas Geological Survey Journal, October 1977, 18 p.
- 1979, Water-level changes in southwestern Kansas, 1940-78: Kansas Geological Survey Journal, May 1979, 29 p.
- Pabst, M. E., and Jenkins, E. D., 1973, Water-level changes in northwestern Kansas, 1950-73: Kansas Geological Survey Journal, October 1973, 14 p.
- 1974, Water-level changes in west-central Kansas, 1950-74: Kansas Geological Survey Journal, October 1974, 15 p.
- 1976a, Water-level changes in southwestern Kansas, 1940-75: Kansas Geological Survey Journal, May 1976, 26 p.
- 1976b, Water-level changes in northwestern Kansas, 1950-76: Kansas Geological Survey Journal, December 1976, 20 p.

Table 1.--Hydrologic data, northwestern Kansas

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
CHEYENNE COUNTY							
01S 38W 02CDC 01	3034.0	QA	41	23	22.60	25.99	25.07
01S 38W 08DCC 01	3057.1	QA	33	12		15.94	13.80
01S 38W 30BDC 01	3090.0	QA	28	7	8.03	10.20	10.05
01S 39W 25CBC 01	3102.0	QA	26	7	8.57	10.40	10.20
02S 39W 27BBB 01	3235.1	QA	28	18	17.83	19.06	18.49
02S 40W 28DBA 01	3452.0	TO	140	112	112.59	112.82	113.18
02S 41W 27BBD 01	3620.0	TO	242	200	198.60	218.63	
02S 41W 33DBC 01	3650.0	TO	288	235	235.24	238.44	237.85
02S 42W 140DD 01	3693.0	TO	248	232	231.83	232.47	232.50
03S 37W 19BBC 01	3468.0	TO	325	215	219.87	229.30	229.44
03S 37W 210DD 01	3422.0	TO	312	194		225.93	217.50
03S 37W 36ADB 01	3381.0	TO	300	175	182.09	205.67	
03S 39W 20DAC 01	3450.0	TO	199	130	140.47	144.14	141.85
03S 39W 240DD 01	3505.0	TO	275	205		219.74	218.63
03S 39W 32BDB 01	3490.0	TO	223	150	153.60	156.84	153.20
03S 40W 09BAA 02	3358.0	QA, TO	22	20	19.90	20.33	
03S 40W 22BCA 01	3277.0	QA	18	7	6.76	7.08	6.09
03S 40W 28CBB 01	3308.0	QA	26	10	8.70	12.81	
03S 40W 35AAC 01	3445.0	TO	144	95	96.17	101.01	100.90
03S 41W 16AAC 01	3570.0	TO	174	136	136.20	135.67	133.95
03S 42W 04AAA 01	3727.0	TO	255	230		230.83	230.77
04S 37W 14BAB 01	3405.0	TO	305	177		199.63	200.20
04S 37W 17AAC 01	3446.0	TO	325	187	187.90		195.30
04S 37W 25DCA 01	3374.0	TO	284	147	141.50		150.25
04S 38W 048AC 01	3509.0	TO	327	207	207.00	213.54	213.55
04S 38W 11CCC 01	3491.0	TO	337	195	195.00	197.75	198.12
04S 38W 20CCC 01	3485.0	TO	297	151	149.57	154.63	155.24
04S 38W 21ADC 01	3491.0	TO	316	178	188.00	182.99	183.22
04S 39W 02DBC 01	3520.0	TO	308	192	196.45	202.83	200.78
04S 39W 15CCA 01	3492.0	TO	275	136	142.94	141.51	148.00
04S 39W 18CAB 01	3530.0	TO	269	153	156.73	157.51	156.95
04S 39W 27CCA 01	3502.0	TO	265	130	129.49	135.01	135.59
04S 40W 228CB 01	3520.0	TO	215	123	123.90	124.84	125.08
04S 41W 16DAA 01	3403.0	QA	38	13	14.24	16.27	15.99
04S 41W 258CB 01	3571.0	TO	211	141	139.64	141.56	141.89
04S 41W 31ACA 01	3552.0	TO	142	94	94.02	97.57	97.89
04S 42W 268DB 01	3487.8	QA, TO	56	18	22.15		18.78
05S 37W 150BB 01	3397.0	TO	297	137	136.40	152.72	151.06
05S 38W 13BAD 01	3390.0	TO	220	74	72.56	77.60	77.71
05S 38W 22ACB 01	3437.0	TO	270	90	90.60	98.35	96.94

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
CHEYENNE COUNTY -- CONTINUED							
05S 38W 26CCA 01	3460.0	TO	285	112	111.70	118.61	118.42
05S 39W 08CCC 01	3597.0	TO	321	175	175.64	186.25	
05S 39W 11CBC 01	3530.0	TO	291	140	140.10	150.34	149.86
05S 39W 18CCC 01	3630.0	TO	325	185		218.27	219.75
05S 39W 25COA 01	3533.0	TO	295	127	125.05	130.38	131.45
05S 40W 04CHD 01	3653.0	TO	330	200	200.80	208.78	
05S 40W 148CD 01	3645.0	TO	325	187		216.40	
05S 40W 15ACB 01	3650.0	TO	332	190	189.10	216.73	219.60
05S 40W 27BBA 01	3658.0	TO	327	173		204.04	205.70
05S 41W 12ADC 01	3679.0	TO	313	198	198.30	209.79	212.40
05S 41W 20DAA 01	3742.0	TO	309	207	211.68	224.96	226.22
05S 42W 04AAB 01	3515.0	OA, TO	85	15	16.16	18.83	18.24
05S 42W 14CBC 01	3687.0	TO	215	145	147.50	156.00	153.63
05S 42W 36CCB 01	3800.0	TO	305	200	203.60	211.50	213.00

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH	DEPTH	DEPTH	DEPTH
			TO BEDROCK (FEET)	TO WATER 1950 (FEET)	TO WATER 1966 (FEET)	TO WATER 1979 (FEET)
DECATUR COUNTY						
01S 26W 1800B 01	2413.0	QA	59	28	26.47	21.53
01S 29W 0300B 01	2539.0	QA	45	23	23.06	30.87
01S 29W 1980D 01	2572.0	QA	53	10	10.97	23.08
01S 30W 3400D 01	2610.0	QA	60	20	21.54	35.01
02S 26W 1188A 01	2509.0	TO	110	85	87.35	85.92
02S 28W 13ABA 01	2487.0		58	27	26.23	30.69
02S 29W 248CC 01	2682.2	TO	124	100	96.63	95.56
02S 30W 260CC 01	2828.0	TO	226	125		145.35
03S 26W 30C8B 02	2610.0	TO	142	119	119.45	126.00
03S 27W 32ABA 01	2637.0	TO	120	74	74.83	73.61
03S 28W 060CB 01	2571.0	QA	55	34	25.61	43.42
03S 28W 328CA 01	2749.0	TO	180	133	133.68	132.57
03S 29W 128BA 01	2556.1	QA	55	26	24.90	51.18
03S 29W 170CB 01	2587.0	QA, TO	50	19	20.05	25.46
03S 29W 310CC 01	2633.0	QA	38	20	20.35	24.77
03S 30W 05C6A 01	2807.0	TO	177	96	98.62	
03S 30W 2688B 01	2629.0	QA	49	7	10.20	12.23
04S 26W 0800D 01	2455.7	QA	70	26	28.73	30.13
04S 26W 190CA 01	2464.0	QA	37	14	14.08	18.95
04S 27W 170AC 01	2648.0	TO	162	105	103.82	105.33
04S 27W 3388B 01	2528.0	QA	54	13	16.08	18.77
04S 28W 15AAA 01	2700.0	TO	130	92	94.11	92.66
04S 28W 3000D 01	2726.0	TO	110	92	92.70	91.27
04S 30W 0788B 01	2697.0	QA	21	7	7.39	14.17
05S 26W 05ADD 01	2607.0	TO	170	128	128.93	127.58
05S 26W 260DA 01	2437.0	QA	74	26	22.43	23.10
05S 26W 330CC 01	2475.0	QA	60	20	18.22	18.46
05S 27W 21CCA 01		TO		103	104.23	103.85
05S 28W 0788C 01	2644.0	QA	52	19	19.94	19.22
05S 28W 1088B 01		QA	47	12	8.04	11.22
05S 28W 14ADD 01	2723.0	TO	160	133	135.06	134.45
05S 28W 170AC 01	2734.0	TO	124	102	102.30	101.41
05S 29W 118AA 01	2670.0	QA	42	10	12.39	12.79
05S 29W 22C8B 01	2686.0	QA	46	11	12.61	13.33
05S 30W 358CB 01	2891.0	TO	200	112	111.62	

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
GOVE COUNTY							
11S 26W 04CDC 01	2583.0	TO	190	62	60.00	65.85	64.10
11S 27W 16AAA 01	2713.0	TO	180	95	94.15	105.50	106.51
11S 27W 36BCC 01		TO	140			78.05	77.75
11S 29W 04DAD 01	2844.0	TO	170	109		112.34	111.86
11S 30W 27ABB 01	2922.0	TO	165	117		129.40	128.14
13S 26W 20C8C 01		QA	43		11.18	7.86	13.05

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
GRAHAM COUNTY							
06S 21W 19C0C 01	2305.0	TO	135			103.20	102.45
06S 22W 19CCC 01	2400.0	TO	198			106.90	106.74
06S 22W 28ACA 01	2360.0	TO	180			127.98	120.18
06S 23W 1388B 01	2350.0	TO	183			55.80	55.45
06S 24W 298AB 01	2510.0	TO	250			121.38	121.75
06S 25W 12CCC 01	2538.0	TO	224			138.47	137.74
06S 25W 28C8C 01	2540.0	TO	180			112.34	117.08
06S 25W 35CCA 01	2512.0	TO	212			96.66	97.58
07S 22W 1088C 01	2217.0	TO	72			8.40	9.50
07S 22W 1988B 01	2295.0	TO	63			38.90	38.56
07S 24W 08C8A 01	2519.0	TO	244			127.86	128.46
07S 25W 2488B 01	2495.0	TO	210			85.35	87.66
09S 22W 1988B 01	2416.0	TO	134			95.74	94.66
09S 24W 060DD 01	2491.0	TO	121			83.11	84.18
09S 24W 228AA 01	2491.0	TO	110			96.11	96.75
09S 25W 140DD 01	2534.0	TO	134				92.16

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
LOGAN COUNTY							
11S 32W 04ACD 01	3059.0	TO	208	96	102.00	105.75	
11S 32W 19AAB 01	3073.0	TO	183	92		102.92	102.42
11S 34W 16CDB 01	3218.0	TO	170	122	118.47	119.36	121.12
11S 36W 06ADD 02	3380.0	TO	220	142	137.06	160.67	
11S 36W 06DBB 02	3386.0	TO	282	148	150.00	170.19	172.60
13S 35W 23BCC 01	2956.0	QA	62	45		44.28	46.50
13S 36W 20CCB 01	3023.0	QA	30			12.19	12.45

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
RAWLINS COUNTY							
01S 33W 29CCC 01	2992.0	TO	144	115	115.63	114.09	114.06
02S 31W 03CAD 01	2665.0	QA	42	15	14.70	19.50	19.04
02S 32W 14DCA 01	2723.0	QA	49	18	18.42	22.96	22.62
02S 32W 20DCD 01	2735.0	QA	32	5	8.30	14.20	14.16
02S 33W 26DCC 01	2798.0	QA	46	13	19.85	26.33	26.25
02S 35W 13ABB 01	3178.0	TO	208	174	170.34	169.46	
02S 35W 34CAA 01	3064.0	QA, TO	112	29	29.65		30.82
02S 36W 13DDD 01	3286.0	TO	260	186	190.10	191.01	190.66
02S 36W 15CDD 01	3334.0	TO	290	204	203.85	203.20	203.73
02S 36W 18CCB 01	3380.0	TO	298	217	219.28		218.17
02S 36W 36BAA 01	3263.0	TO	280	160	169.85	176.85	177.12
03S 31W 07CBD 01	2960.0	TO	200	142	146.31	146.05	
03S 31W 23BBB 01	2849.0	TO	119	73	73.10	73.44	73.49
03S 31W 27DAD 01	2861.0	TO	131	90	92.20		
03S 33W 03UCC 01	2823.0	QA	62	22	20.60	27.79	29.33
03S 33W 08CDC 01	2855.0	QA	52	20	16.12	24.83	27.35
03S 34W 03ABB 01	2882.0	QA	40	12	13.80	16.46	15.56
03S 34W 26BAC 01	2900.0	QA	40	7	8.48	13.58	
03S 34W 33BCC 01	2945.0	QA	52	14	14.08	18.52	17.47
03S 35W 24CBB 01	3001.0	QA	50	21	24.72	27.64	27.73
03S 36W 14CBB 01	3332.0	TO	309	188	191.28	203.90	218.53
03S 36W 17CCC 01	3375.0	TO	300	196	195.39	213.86	207.78
03S 36W 28DAA 01	3315.0	TO	291	150	158.00		
04S 31W 16ABD 01	2761.0	QA	50	7	7.93	12.68	18.25
04S 31W 25DDD 01	2755.0	QA	32	15	14.68	18.12	17.70
04S 33W 18DDA 01	3068.0	TO	153	88	87.69	87.26	87.48
04S 33W 28DCA 01	3125.0	TO	237	152	151.27	152.56	154.85
04S 34W 33CBC 01	3160.0	TO	210	115	117.22	120.86	120.07
04S 35W 06DCD 01	3252.0	TO	260	157	157.82	160.13	159.45
04S 35W 13DAD 01	3002.0	QA	51	13	15.06	15.84	16.10
04S 35W 29DDD 01	3219.0	TO	224	150	150.18	150.86	150.72
04S 36W 06BBB 01	3370.0	TO	293	162		194.03	
04S 36W 09CDD 01	3198.0	QA, TO	135	18	17.45	25.82	25.49
05S 31W 10DDA 01	2820.0	TO	70	30	40.18	45.70	44.46
05S 31W 20CCA 01	2865.0	TO	68	22	29.70	35.29	35.94
05S 31W 23DDN 01	2950.0	TO	160	118	120.60	121.01	121.09
05S 32W 14CDU 01	3020.0	TO	180	130	130.85	130.75	131.69
05S 33W 16CAC 01		TO					
05S 33W 24BDA 01	3042.0	TO	115	12	17.03	19.13	19.97
05S 34W 01BBB 01	3137.0	TO	237	116	114.38	116.23	115.96

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
RAWLINS COUNTY -- CONTINUED							
05S 34W 28ADC 01	3207.0	TO	247	127	134.12	135.09	135.90
05S 35W 10CDD 01	3267.0	TO	277	167	165.80	168.10	167.66
05S 36W 21BCD 01	3220.0	QA, TO	155	17	15.53	19.88	19.93

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SHERIDAN COUNTY							
06S 27W 03DCD 01	2560.0	QA	68	29	31.83	34.08	33.50
06S 27W 08DCA 01	2588.0	QA,TO	108	21	14.61	20.17	19.33
06S 27W 19DAB 01		QA,TO	60	30	26.62	29.90	32.90
06S 27W 278CC 01	2716.0	TO	320	162	154.44	159.30	159.38
06S 28W 28ADD 01	2682.0	QA,TO	132	42	41.37	45.85	
06S 29W 10DBC 01	2823.0	TO	205	116	118.68	129.54	128.90
06S 29W 24ABB 01	2781.0	TO	205	91	96.25	101.35	101.55
06S 29W 33CDA 01	2828.0	TO	207	94	93.32	102.39	103.02
06S 30W 028CA 01	2780.0	QA,TO	92	10	11.65	20.69	21.61
06S 30W 138AA 01	2875.0	TO	216	115		130.39	125.24
06S 30W 14CCD 01	2884.0	TO	203	95	102.88	108.18	107.89
06S 30W 24DDC 02	2898.0			133	132.50		
07S 26W 06AAB 01	2634.0	TO	204	125	125.93		129.19
07S 26W 12BAC 01	2559.0	TO	170	94	91.99	97.43	97.81
07S 26W 158DD 01		TO	247			141.72	142.67
07S 26W 198BC 01		TO	201			123.50	122.24
07S 26W 28CAB 01	2634.0	TO	243	142	148.48	153.00	153.10
07S 27W 248BD 01	2639.0	TO	220	114	118.51		127.57
07S 28W 08BUC 01	2808.0	TO	282	140		155.75	158.11
07S 28W 198BA 01	2800.0	TO	240	112	118.15	138.16	142.67
07S 28W 21ABB 01	2774.0	TO	235	129	131.05	151.50	154.17
07S 28W 36ABA 01	2725.0	TO	233	123	127.50	138.46	140.39
07S 29W 02D8D 01	2838.0	TO	259	127	136.25	148.45	149.49
07S 29W 21ABB 01	2860.0	TO	240	121	121.18	147.79	149.84
07S 29W 27CCC 01		TO	265			170.84	172.86
07S 29W 30ABA 01	2886.6	TO	255	113	121.85	148.33	149.57
08S 26W 14DAA 01	2398.0	QA	66	13	19.53	17.61	14.88
08S 26W 16CDD 01	2447.0	QA	70	23	34.51	35.67	35.79
08S 27W 11DCD 01	2504.0	QA	60	13	8.56	10.34	10.30
08S 27W 338BD 01	2554.0	QA	50	15	17.92	19.31	20.92
08S 28W 09ABC 01	2766.0	TO	233	119	117.74	134.84	134.99
08S 29W 01DCB 01	2823.0	TO	240	125	122.63	142.10	145.81
08S 29W 29BAA 01	2844.0	TO	223	84	82.06	95.54	96.24
08S 30W 11C8C 01	2941.0	TO	277	123	133.50	173.14	175.02
08S 30W 13DAA 01	2891.0	TO	257	103	109.76	134.75	136.70
08S 30W 30ABC 01	2962.0	TO	234	107	105.86	122.50	124.46
09S 27W 12CCC 01	2678.0	TO	198	104	106.55	108.88	107.64
09S 27W 19DDO 01	2750.0	TO	205	124	123.65	128.05	128.64
09S 28W 04BCC 01	2677.0	TO,QA	98	18	25.72	26.63	26.98
09S 28W 06CCB 01	2691.0	QA,TO	87	4	6.93	5.45	7.69

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SHERIDAN COUNTY -- CONTINUED							
09S 28W 31AAC 01	2828.0	T0	205	118	126.25	142.07	141.57
09S 29W 17BAB 01	2854.0	T0	196	84	84.23	99.20	98.47
09S 29W 268AA 01	2863.0	T0	210	123	132.05		136.88
09S 30W 03AAB 02	2933.0	T0	217	118	119.29	137.10	139.06
09S 30W 16CDA 01	2882.0	T0	162	26	44.74	59.54	57.78
09S 30W 3588B 01	2943.9	T0	215	120	129.33	145.20	142.23
10S 27W 20C8C 01	2605.0	QA	50	12	13.95	19.74	20.13
10S 27W 22DBA 01	2568.0	QA	65	10	18.58		19.47
10S 28W 05DDB 01	2789.0	T0	173	99	95.22	104.68	104.29
10S 28W 29DAA 01	2691.0	QA,TU	62	22	25.43	26.79	27.06
10S 29W 20CCC 02	2776.0	QA	76	8	6.90	13.99	12.72
10S 30W 08DDD 01	2930.0	T0	186	96	93.04	100.05	101.43
10S 30W 12ADA 01	2874.0	T0	187	89	87.70	100.24	100.60
10S 30W 17DAD 01	2895.5	T0	165	64	62.86	66.73	65.95

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SHERMAN COUNTY							
06S 37W 03BCC 01	3424.0	TO	278	151	156.70	163.38	162.52
06S 37W 07BBA 01	3304.0	QA	134	5	6.17	9.77	9.60
06S 37W 16CDD 01	3460.0	TO	264	157	163.82	171.87	171.65
06S 37W 19ABB 01	3476.0	TO	309	150	155.43		162.89
06S 38W 09ABD 01	3510.0	TO	318	147	151.30	156.04	169.20
06S 38W 20ACC 01	3407.0	TO,QA	171	11	11.20	16.19	15.26
06S 39W 090DD 01	3585.0	TO	330	145	142.75	146.40	147.00
06S 40W 10AAC 01	3641.0	TO	341	151	151.24	160.05	
06S 40W 30DCC 01	3718.0	TO	326	159	153.60	162.55	163.43
06S 40W 35BCC 01	3668.0	TO	338	145	142.55	158.26	158.82
06S 41W 01ABB 01	3675.0	TO	296	150	156.60	156.73	164.04
06S 41W 09BCB 01	3759.0	TO	329	179	177.50	186.56	
06S 41W 190BD 01	3792.0	TO	325	162	169.57	186.50	187.99
06S 41W 270BD 01	3741.0	TO	325	141	142.15	160.93	160.17
06S 42W 02AAA 01	3777.0	TO	277	179	181.70	193.85	193.80
06S 42W 08CDB 01	3841.0	TO	304	183	201.30		210.49
06S 42W 22DCC 01	3837.0	TO	315	177	183.19	192.38	192.80
06S 42W 30ADA 01	3871.0	TO	309	176	183.60	199.88	200.39
07S 37W 04BBC 01	3455.0	TO	270	122		137.44	137.71
07S 37W 05CCB 01	3472.0	TO	294	124	129.95	136.50	137.09
07S 37W 11ACB 01	3445.0	TO	307			155.17	155.20
07S 37W 17BDA 01	3472.0	TO	289	122	129.83	135.34	135.44
07S 39W 09BBB 01	3589.0	TO	295	106	104.84	112.24	114.70
07S 39W 248AA 01	3587.0	TO	300	137	133.94	147.43	147.16
07S 39W 30CCB 01	3643.0	TO	353	113	117.64	141.35	140.49
07S 40W 06ADB 01	3722.0	TO	343	152	149.42	162.60	164.30
07S 40W 29BBA 01	3708.0	TO	288	121	121.54	136.74	
07S 40W 35BBB 01	3650.0	TO	255	102	103.00	125.65	125.51
07S 40W 36BAB 01	3643.0	TO	321	105	109.94	133.63	132.12
07S 41W 07BCB 01	3840.0	TO	300			193.70	193.76
07S 41W 10BBA 01	3770.0	TO	330	141		159.13	158.66
07S 41W 16ADC 01	3775.0	TO	317	130	134.90	151.30	152.40
07S 41W 280BB 01	3774.0	TO	280	111	111.49	125.55	125.05
07S 42W 07DAA 01	3903.0	TO	320	163	164.40	197.49	197.31
07S 42W 17CCC 01	3864.0	TO	263	119	117.97	135.43	136.49
07S 42W 27AAB 01	3862.0	TO	321	142	140.60	162.08	163.49
08S 37W 03ADB 01	3476.0	TO	273	126	143.59		153.96
08S 37W 06ADB 01	3506.0	TO	264	124	133.30		138.92
08S 37W 21CCC 01	3496.0	TO	230	120	121.16	140.30	140.20
08S 37W 28ABC 01	3482.0	TO	238	110	112.15	132.56	132.25

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SHERMAN COUNTY -- CONTINUED							
08S 37W 32ABB 01	3468.0	TO	216	83	80.00	95.76	96.48
08S 38W 17CDD 01	3603.0	TO	293	143	142.00	158.28	155.55
08S 38W 24AAB 01	3513.0	TO	260	110	111.00	122.50	117.49
08S 38W 28ACC 01	3587.0	TO	231	134	132.00	144.45	145.10
08S 39W 02BAA 01	3611.0	TO	295	138	135.00	158.70	157.89
08S 39W 15CCC 01	3642.0	TO	272	127	135.00	165.60	161.14
08S 39W 17DCD 01	3672.0	TO	300	152	161.00	181.10	182.09
08S 39W 27AAB 01	3647.0	TO	295	142	145.00	179.01	177.70
08S 39W 28CAB 01	3660.0	TO	288	130	144.00	164.89	166.21
08S 40W 12DBA 01	3670.0	TO	290	120	133.00	166.26	166.00
08S 40W 17CDB 01	3727.0	TO	277	102	108.00	131.24	131.33
08S 40W 20C8C 03	3719.0	TO	266	86	89.00	119.03	119.77
08S 40W 20CCC 01	3716.0	TO	277	80	80.00	114.11	113.21
08S 40W 20DAA 01	3668.0	TO	216	45	56.00	71.87	66.16
08S 40W 24AAA 01	3692.0	TO	290	134	149.00	183.52	184.05
08S 40W 25AAC 01	3701.0	TO	290	133	158.00	183.68	182.30
08S 40W 35CCB 01	3732.0	TO	272	132	130.00	161.04	162.40
08S 41W 17C8A 01	3843.0	TO	300	129	129.00	141.50	140.76
08S 41W 25B8C 01	3754.0	TO	264	94	96.00	112.56	113.96
08S 42W 04B8C 01	3912.0	TO	320	149	152.00		184.04
08S 42W 15DDB 01	3859.0	TO	274	98	99.00	122.54	120.51
08S 42W 19ABB 01	3929.0	TO	310	124	130.00	167.94	168.62
08S 42W 29ACB 01	3904.0	TO	229	101	100.00	122.25	123.42
08S 42W 310CD 01	3872.0	TO	207	50	58.00	74.94	76.09
08S 42W 34DCB 01	3914.0	TO	265	124	125.00	148.24	149.32
09S 39W 02BAB 01	3646.0	TO	246	135		166.74	168.25
09S 39W 178BA 01	3697.0	TO	236	126		153.34	152.27
09S 39W 19CCC 01	3695.0	TO	245	105		137.39	148.30
09S 40W 08CCB 01	3773.0	TO	251	123		150.05	154.79
09S 40W 08CDB 01	3766.0	TO	251	116	116.00	153.69	162.21
09S 40W 13CDC 01	3722.0	TO	260	123	125.00	158.93	158.56
09S 40W 27CDC 01	3754.0	TO	314	125	128.00	157.38	158.55
09S 40W 298BB 01	3782.0	TO	246	122	119.00	156.86	157.21
09S 41W 05DCC 01	3860.0	TO	265	128	136.00	167.12	169.14
09S 41W 14B8C 01	3835.0	TO	297	134		171.36	171.40
09S 41W 28AAA 01	3854.0	TO	290	124	134.00	174.09	
09S 41W 34BAB 01	3841.0	TO	290	111	114.00	148.02	149.21
09S 42W 08AAA 01	3943.0	TO	271	120	131.00	155.47	155.24
09S 42W 11CCC 01	3923.0	TO	274	125	135.00	166.40	165.10
09S 42W 14AAA 01	3901.0	TO	291	116	131.00	168.37	166.14

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SHERMAN COUNTY -- CONTINUED							
09S 42W 16CDD 02	3943.0	TO	291	114	117.00	142.45	149.30
09S 42W 35A88 01	3916.0	TO	268	102	103.00	139.96	140.98
10S 37W 23A88 01	3421.0	TO	289	171	174.00	193.42	194.17
10S 40W 10ADC 01	3624.0	QA, TO	68	12	16.00	17.83	16.27
10S 41W 15CAD 01	3762.0	TO, QA	117	12	12.00	20.19	20.06
10S 42W 2188B 01	3963.0	TO	223	73	86.00	103.75	105.18
10S 42W 2488A 01	3903.0	TO	204	73	84.00	96.50	97.91

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
THOMAS COUNTY							
06S 31W 03AD8 01	2957.0	TO	192	109	115.00	118.85	118.23
06S 31W 33CCD 01	2916.0	QA, TO	131	18	10.00	28.97	29.12
06S 32W 12C8C 01	3020.0	TO	210	115	114.00	116.79	
06S 32W 29C0C 01	3077.0	TO	204	113	111.00	124.70	123.34
06S 32W 34CBC 01		TO				92.42	92.35
06S 33W 07888 01	3177.0	TO	234	137			136.00
06S 33W 18CCC 01		TO					
06S 33W 2300D 01	2997.0	QA	81	9		13.66	12.80
06S 33W 31CAB 01	3065.0		90	3		14.69	14.30
06S 34W 10DDA 01	3212.0	TO	235	144	140.00	151.56	148.64
06S 34W 11CDD 01	3218.0	TO	253	158	156.00	164.48	163.01
06S 34W 17C8C 01	3261.0	TO	258	151	151.00	160.23	157.05
06S 35W 02CDD 01	3245.0	TO	250	117	127.00	132.93	129.41
06S 35W 26ACB 01	3300.0	TO	255	151	150.00	154.10	154.15
06S 36W 068CD 01	3408.0	TO	323	174	178.00	188.60	191.44
06S 36W 11ACC 01	3360.0	TO	280	168	161.00	171.40	167.88
06S 36W 30DCB 01	3417.0	TO	307	152	147.00	153.64	153.90
06S 36W 34D0B 01	3334.0	TO	246	99	94.00	104.80	101.41
07S 31W 01DCA 01	2956.0	TO	246	108	101.00	113.98	110.69
07S 31W 26CCC 01	2989.0	TO	234	104	104.00	118.92	120.10
07S 32W 07ACA 01	3056.0	TO	146	68	64.00	77.31	77.35
07S 32W 13AAA 01	3037.0	TO	234	102	101.00	117.36	118.70
07S 33W 078DA 01	3203.0	TO	254	141	149.00	162.28	153.01
07S 33W 2108C 01	3141.0	TO	210	111	104.00	114.68	114.31
07S 33W 35ADD 01	3145.0	TO	252	131	131.00	152.57	147.78
07S 34W 08888 01	3224.0	TO	204	94	95.00	100.04	99.65
07S 34W 25AAA 01	3167.0	TO	240	106	106.00	111.90	110.11
07S 34W 2608D 01	3177.0	TO	230	104	104.00	112.36	113.95
07S 35W 09CCC 01	3315.0	TO	265				127.33
07S 36W 17CCC 01	3417.0	TO	267	139	134.00	143.67	142.57
07S 36W 35C8B 01	3341.0	TO	221	82	82.00	89.28	
08S 31W 03CDD 01	3003.0	TO					127.50
08S 31W 20CDD 01	3026.0	TO	220	98	101.00	110.43	111.75
08S 32W 078AA 01	3102.0	TO	272	98	99.00	116.82	116.05
08S 32W 1208C 01	3057.0	TO	217	110	108.00	110.14	111.40
08S 32W 27DAB 01	3078.0	TO	228	112	110.00		
08S 33W 02CDD 01	3140.0	TO	270	120	123.00	140.90	139.60
08S 33W 07AAB 01	3194.0	TO	244	144	143.00	152.62	153.15
08S 33W 3488C 01	3168.0	TO	197	130	130.00	150.25	148.03
08S 34W 018AC 01	3179.0	TO	270	113	116.00	122.80	122.44

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
THOMAS COUNTY -- CONTINUED							
08S 34W 06C8C 01	3266.0	T0	227	130	135.00	141.60	137.22
08S 34W 23C8D 01	3232.0	T0	235	162	155.00	170.30	171.27
08S 36W 18A8A 02	3428.0	T0	233	125	122.00	126.38	128.32
09S 31W 1088B 01	2999.0	T0	177	85	83.00	86.85	86.10
09S 31W 22A8D 01	2990.0	T0	191	83	77.00	80.35	82.40
09S 31W 36A8B 01	3013.0	T0	209	130	131.00	143.22	138.84
09S 32W 0980A 01	3043.0	T0	173	58	67.00	71.18	71.65
09S 32W 27B8D 01	3076.0	T0	207	97	98.00	123.89	115.48
09S 33W 15ACC 01	3135.0	T0	248	100	99.00	121.11	121.90
09S 33W 260AD 01	3145.0	T0	235				147.85
09S 33W 30CAA 01	3216.0	T0	280	161	176.00	198.60	196.95
09S 33W 31C0B 01	3189.0	T0	315	136	145.00		174.80
09S 33W 35AAD 01	3145.0	T0	250	125	129.00	154.82	149.90
09S 34W 12A0A 01	3199.0	T0	269	134		156.50	153.00
09S 35W 320AA 01	3361.0	T0	235	182	188.00	188.00	187.61
10S 31W 26AAA 01	2891.0	QA,T0	31	11	5.00	9.80	9.72
10S 31W 29AAB 01	2997.0	T0	183	82	82.00	88.80	89.40
10S 32W 04CAB 01	3091.0	T0	214	106	103.00	118.72	112.88
10S 32W 118AA 01	3072.0	T0	171	110	105.00	112.94	114.45
10S 32W 29DCB 01	3064.0	T0	184	78	80.00	93.28	93.00
10S 33W 030BC 01	3145.0	T0	254	120	127.00	146.20	
10S 33W 0688C 01	3191.0	T0	315	136			
10S 33W 19C8D 01	3161.0	T0	166	100	99.00	104.50	103.98
10S 33W 2788B 01	3119.0	T0	152	87	92.00		100.09
10S 34W 01ABA 01	3197.0	T0	301	138	148.00	182.35	174.45
10S 34W 12BCD 01	3220.0	T0	297	157	169.00	182.20	174.50
10S 34W 14HCC 01	3222.0	T0	194	138	142.00	145.83	144.90
10S 36W 07ACC 01	3405.0	T0		155			
10S 36W 36ACC 01	3359.0	T0	199	164	169.00	170.22	171.89

TABLE 1. HYDROLOGIC DATA, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
WALLACE COUNTY							
11S 38W 35CCC 02	3372.0	TO	189	81	76.00	142.52	142.28
11S 42W 0800C 01	3953.0	TO	164	98		108.59	108.17

Table 1.--Hydrologic data, west-central Kansas

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
GREELEY COUNTY							
16S 39W 028DC 01	3520.0	TO	220	81			128.99
16S 39W 048AB 01	3565.0	TO	220	95		134.70	137.91
16S 39W 15CB8 01	3541.0	TO	163	96		126.30	129.60
16S 39W 188BC 01	3609.0	TO	200	118	125.00	145.70	149.29
16S 39W 220CB 01	3529.0	TO	163	95	88.80		126.00
16S 39W 25CB8 01	3505.0	TO	167	100	93.50		104.80
16S 40W 02ABA 01	3594.0	TO	182	72	80.50	111.20	113.24
16S 40W 068AA 01	3679.0	TO	242	104	115.70	140.60	142.82
16S 40W 15ACC 01	3650.0	TO	192	114	119.90	146.05	147.32
16S 40W 18DBA 01	3691.0	TO	217	121	126.70	160.80	159.64
16S 40W 26ADA 01	3602.0	TO	157	93		111.60	112.88
16S 40W 358BA 01	3597.0	TO	125	76	73.00	94.30	93.22
16S 41W 058BB 01	3745.0	TO	250	128		170.70	173.64
16S 41W 20BAD 01	3739.0	TO	234	129	131.34	151.50	151.33
16S 41W 238BD 01	3705.0	TO	221	119		144.70	145.82
16S 41W 33AAB 01	3746.0	TO	202	156		161.75	162.48
16S 42W 10CBC 01	3820.0	TO	230	174		200.00	202.31
16S 42W 228CB 01	3828.0	TO	237	183	198.50	197.80	199.90
17S 39W 028AA 01	3511.0	TO	161	102		112.10	110.58
17S 39W 06CCD 01	3583.0	TO	180	134		136.40	137.32
17S 39W 14ADD 01	3503.0	TO	203	108			118.54
17S 39W 19DBB 01	3573.0	TO	182	125			130.85
17S 39W 22A8B 01	3527.0	TO	195	118	123.36	127.20	127.86
17S 39W 34CCB 01	3505.0	TO	135	95		93.65	95.54
17S 40W 04DCB 01	3646.0	TO	187	152	156.70	169.00	169.59
17S 40W 15CCB 01	3607.0	TO	209	123	127.05	136.15	137.09
17S 40W 178BA 01	3663.0	TO	217	165		187.25	184.54
17S 40W 318BA 01	3663.0	TO	218	151	168.16	175.35	
17S 41W 01AAD 01	3670.0	TO	145	120	117.00	119.40	118.77
17S 42W 27CB8 01	3768.0	TO	61	31		38.90	39.87
18S 39W 078BD 01	3564.0	TO	145	109		116.45	115.98
18S 39W 19CDA 01	3510.0	TO	100			72.28	72.59
18S 39W 23CCB 01	3485.0	TO	185	113	122.20	131.88	132.68
18S 39W 24AAC 01	3467.0	TO	183	105		137.40	138.25
18S 40W 04CBD 01	3616.0	TO	161	125	131.22	133.00	132.69
18S 40W 068AA 01	3642.0	TO	187	123		142.40	142.38

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
LANE COUNTY							
16S 29W 26CCD 01	2803.0	TO	140	90	89.28	101.40	101.38
16S 30W 24DCC 01	2840.	TO	155	109		117.90	118.88
16S 30W 29CDD 01	2884.0	TO	174	121		125.25	125.47
16S 30W 34DAB 01	2857.0	TO	172	116		120.00	119.80
17S 27W 20CCC 01	2717.	TO	127	84		98.85	99.43
17S 27W 26CCC 01	2678.	TO	127	80		96.52	95.88
17S 28W 07888 01	2785.	TO	170	83		95.12	95.55
17S 28W 1588C 01	2760.	TO	150	84		103.30	104.61
17S 28W 26A88 01	2735.0	TO	140	85	88.28	100.37	100.28
17S 28W 34C88 01	2747.0	TO	132	78		89.43	89.04
17S 29W 0380C 01	2816.0	TO	156	102		110.08	110.84
17S 29W 06CC8 01	2838.	TO	173	103		119.50	119.80
17S 29W 280CD 01	2810.0	TO	123	68		75.50	75.00
17S 29W 368AA 01	2784.	TO	119	70		83.43	83.70
17S 30W 05AAC 01	2877.	TO	175	108		115.20	115.80
17S 30W 13C88 01	2846.0	TO	151	84	83.94	87.60	88.35
17S 30W 20888 01	2889.0	TO	165	87			98.51
17S 30W 22ACA 01	2859.0	TO	144	76		83.06	84.75
18S 27W 13CCC 01	2674.	TO	95	88	86.11	86.60	86.28
18S 28W 18ACC 01	2764.	TO	95	51		68.60	72.84
18S 29W 04DAD 01	2801.	TO	110	56		64.50	65.17
18S 30W 02AAA 01	2849.0	TO	124	68		84.16	84.06
18S 30W 04BAB 01	2872.0	TO	125	69		71.34	71.99
18S 30W 23AAA 01	2848.	TO	150	55		64.68	64.10

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SCOTT COUNTY							
16S 31W 17DDD 01	2931.	TO	161	118		122.57	120.80
16S 31W 23CCC 01	2906.	TO	174	120			126.10
16S 31W 31BCB 01	2958.	TO	168	127	128.43	133.96	133.40
16S 32W 238CD 01	2976.0	TO	171	136	140.79	142.88	142.25
16S 33W 07CCC 01	3099.0	TO	193	130	143.64	157.12	163.81
16S 33W 19C88 01	3097.0	TO	192	124	140.71	159.45	162.87
16S 33W 21BCC 01	3078.0	TO	188	145	151.60	165.17	172.57
16S 33W 24DAB 01	2855.	TO	58	6	10.41	12.01	
16S 33W 258CC 01	2879.0	TO	84	5			12.35
16S 33W 31C88 01	3098.0	TO	203	117	129.04	146.29	147.53
16S 33W 338AA 01	3066.0	TO	194	130		146.94	150.61
16S 34W 09CCB 01	3146.	TO	181	118	133.52	151.86	153.05
16S 34W 13BCB 01	3110.0	TO	187	129		163.39	164.57
16S 34W 20DBC 01	3150.	TO	190	118	130.84		163.96
16S 34W 22BDC 01	3128.0	TO	196	113	136.70	161.60	
16S 34W 29C88 01	3160.0	TO	181	119	134.12	159.52	165.18
16S 34W 31888 02	3172.0	TO	200	120			165.55
16S 34W 34C88 01	3135.	TO	190	114	129.50	156.73	
17S 31W 04DCC 01	2932.	TO	170	117		120.98	126.55
17S 31W 14CCD 01	2914.	TO	164	94		101.38	100.85
17S 31W 258CC 01	2914.	TO	170	88	89.79		102.40
17S 31W 31888 01	2958.	TO	178	87		107.47	112.33
17S 31W 35CCB 01	2925.0	TO	147	86		97.29	99.30
17S 32W 16888 01	2980.0	TO	231	88		131.48	132.27
17S 32W 27888 01	2990.0	TO	180	95	107.09	128.10	133.75
17S 32W 318CB 01	2984.0	TO	245	68	88.69	117.19	123.38
17S 32W 34CAA 01	2980.0	TO	162	88	102.17	127.53	129.17
17S 33W 07888 01	3093.0	TO	202	112	134.58	148.01	150.33
17S 33W 130DD 01	2990.	TO	241	79			130.90
17S 33W 14ACB 01	3014.0	TO	214	93		131.94	134.25
17S 33W 16ABC 01	3050.0	TO	188	101	121.28		
17S 33W 28CDA 01	3035.	TO	190	84	99.99		137.37
17S 34W 068CB 01	3163.0	TO	194	108	118.55	143.45	141.63
17S 34W 16ACB 01	3134.0	TO	194	107	112.13	122.68	123.22
17S 34W 25D88 01	3092.0	TO	189	103	114.58		134.77
17S 34W 27ABA 01	3113.0	TO	188	102		120.86	121.82
17S 34W 28CCB 01	3138.0	TO	184	98	107.77	125.10	124.62
18S 31W 20ABA 01	2951.	TO	136	81		84.33	
18S 31W 248CB 01	2913.	TO	110	68		71.90	74.75
18S 31W 27ABA 01	2930.	TO	105	70		70.33	69.80

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SCOTT COUNTY -- CONTINUED							
18S 32W 1488B 01	2980.0	TO	175	85	98.47	110.76	111.02
18S 32W 17A8A 01	2970.	TO	140	62	78.07	109.18	109.75
18S 32W 20C8B 01	2958.	TO	179	43	59.11	86.59	87.42
18S 33W 03CCB 01	3008.	TO	182	71	83.15	113.43	114.81
18S 33W 05CCC 01	3041.	TO	119	75	84.76	94.56	97.52
18S 33W 11A8B 01	2981.	TO	199	55		107.31	106.20
18S 33W 20CCD 01	3034.	TO	117	69	88.75	98.46	99.00
18S 33W 26DAD 02	2952.		168	30	47.00	68.88	69.15
18S 33W 34ADB 01	2960.0	TO	122	26			72.14
18S 33W 35AAA 01	2939.0	QA,TO	144	17	30.04	58.59	59.78
18S 34W 01C8B 01	3094.	TO	166	96	107.52	118.80	120.79
18S 34W 05C8B 01	3148.0	TO	168	88			111.84
18S 34W 09CDD 02	3133.	TO	163	90		108.15	109.15
18S 34W 1888B 01	3154.0	TO	140	79	92.80	110.56	111.45
18S 34W 2588D 01	3092.	TO	132	90	95.85	109.90	110.70
18S 34W 30DDC 01	3154.	TO		83	99.35	119.79	
18S 34W 3488C 01	3130.	TO	160	90	100.65	114.68	117.91
19S 31W 20BAD 01	2982.0	KN				77.31	77.00
19S 32W 06CCB 01	2937.		199	21		58.75	62.36
19S 32W 32ACB 01	2984.0	QU,TO	204	69		84.32	83.61
19S 33W 06D8B 01	3021.	TO,TO	117	59		65.34	65.95
19S 33W 12DDC 01	2939.	QA,TO	200	25	29.56	49.99	50.10
19S 33W 15D8D 01	2964.	TO	132	56	70.90	98.76	99.00
19S 33W 21AAD 01	2964.0	TO	124	57		107.56	107.70
19S 33W 25DCD 01	2953.	QA,TO	214	42	59.70	91.19	90.44
19S 33W 29C8B 02	2994.		174	76	101.00	123.19	120.50
19S 33W 34DCC 01	2962.	QA,TO	162	50	79.40	96.56	96.45
19S 34W 16AAD 01	3065.	TO	80	50			59.00
19S 34W 3488B 01	3088.0	TO	140	116		126.67	
20S 31W 14C8C 01	2863.	QA,TO	90			24.80	
20S 32W 07C8A 01	2939.0		204	33		76.62	78.30
20S 32W 16DAD 01	2955.	TO	155	57		122.59	123.85
20S 32W 20ADB 01	2930.0						
20S 32W 308CD 01	2917.0	TO	187	25		79.08	81.08
20S 32W 32DCC 01	2920.	QA,TO	175	37	49.03		
20S 33W 02D8B 01	2955.0		155	50	76.61	98.96	101.90
20S 33W 058AB 01	2985.0	TO	125	67			117.20
20S 33W 0988B 01	2973.	TO	128	60	84.51	94.71	96.51
20S 33W 10D8C 01	2957.0	QA,TO	177	50		109.79	110.55
20S 33W 178AB 01	2974.	TO	132	62	84.85	113.11	115.80

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SCOTT COUNTY -- CONTINUED							
208 33W 21ABD 01	2957.		147	48	50.99		116.00
208 33W 26CBB 03	2938.0	TO	153	43		96.08	96.89
208 33W 3508A 01	2929.0	QA, TO	147	40	53.29	89.99	91.77
208 34W 02DBC 01	3015.	TO	109	70	74.30		80.65
208 34W 158AA 01	3060.0	TO	138	97			103.14
208 34W 36CCD 01	2962.	TO	107	53		80.14	79.33

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
WALLACE COUNTY							
13S 39W 3388B 01	3322.0	TO				27.54	28.54
13S 43W 36A8B 01	3894.0	TO	270	149	149.08	177.75	174.01
14S 38W 210CC 01	3538.0	TO	94	82	80.15	81.53	
14S 38W 29CCC 01	3543.0	TO	151	83		92.40	92.90
14S 39W 36B8B 01	3576.0	TO	187	104	117.20	136.24	
14S 40W 23ADD 01	3645.0	TO	220	118	124.50		
14S 40W 29ABA 01	3702.0	TO	230	137			165.60
14S 40W 35ABA 01	3630.0	TO	230	100		132.55	134.37
14S 41W 180CB 01	3778.0	TO	387	106		142.40	141.58
14S 41W 2288B 01	3729.0	TO	218	84	86.13	115.37	118.55
14S 41W 280CA 01	3760.0	TO	414	112		139.62	
14S 41W 300DC 01	3798.0	TO	268	131		172.68	175.03
14S 42W 02AAB 01	3838.0	TO	400	143	150.90	174.90	177.18
14S 42W 1088A 01	3838.0	TO	403	133		171.53	173.37
14S 42W 1408D 01	3796.0	TO	400	101	117.45	141.15	141.56
14S 42W 2280D 01	3831.0	TO	432	133		169.75	169.87
14S 42W 308CA 01	3880.0	TO	386	155	159.60		186.16
15S 38W 05CCB 01	3531.0	TO	144	76		100.96	101.59
15S 38W 0788B 01	3551.0	TO	178	90	105.94	130.08	132.70
15S 38W 14CCD 01	3486.0	TO	150	70	81.13	100.09	101.53
15S 38W 18CCC 01	3548.0	TO	176	90		142.34	142.92
15S 38W 21CB8 01	3513.0	TO	180	85	102.55	136.50	137.20
15S 38W 2808B 01	3502.0	TO	202	82	106.31	141.58	145.30
15S 38W 30CCB 01	3539.0	TO	232	85	108.73	144.33	147.86
15S 38W 36C8B 01	3461.0	TO	153	76	80.86	112.19	112.36
15S 39W 028CD 01	3585.0	TO	195	109	125.08	152.60	152.63
15S 39W 06C8A 01	3625.0	TO	223	106	118.80	148.27	148.04
15S 39W 08ACC 01	3623.0	TO	222	113	129.94	159.04	158.31
15S 39W 1508A 01	3591.0	TO	205	110		155.63	157.63
15S 39W 26ACC 01	3561.0	TO	239	90	111.57	142.20	144.38
15S 39W 2888D 01	3565.0	TO	200	65	76.25	107.40	109.45
15S 40W 038AB 01	3636.0	TO	254	86	85.06	115.90	119.11
15S 40W 0788B 01	3706.0	TO	260	117	116.70	146.60	149.10
15S 40W 09DCB 01	3653.0	TO	261	85	90.80	122.75	125.05
15S 40W 138AA 01	3642.0	TO	242	104	111.95	141.94	146.03
15S 40W 14CCC 01	3635.0	TO	258	81		115.80	118.36
15S 40W 2088D 01	3674.0	TO	271	94		126.00	128.28
15S 40W 26CA8 01	3646.0	TO	245	100	102.05	127.10	127.91
15S 40W 3008B 01	3694.0	TO	265	109	114.69		145.95
15S 41W 05ACB 01	3794.0	TO	235	136	147.20	178.95	186.82

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
WALLACE COUNTY -- CONTINUED							
15S 41W 108A8 01	3787.0	T0	264	157	163.79	193.57	194.75
15S 41W 27C8C 01	3750.0	T0	230	145		180.85	180.56
15S 41W 29CAC 01	3785.0	T0	230	160		205.80	205.89
15S 41W 36D08 01	3695.0	T0	265	104	113.17		139.55
15S 42W 02888 01	3854.0	T0	225	159	166.95		191.20
15S 42W 098D0 01	3892.	T0		182	186.60		220.90
15S 42W 328DA 01	3901.0	T0	271	216	233.90	247.40	
15S 42W 36C0C 01	3844.0	T0	270	194	214.18	240.02	241.01

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
WICHITA COUNTY							
16S 35W 010CD 01	3131.	TO	109	78	79.60		89.95
16S 35W 06AAB 01	3208.0	TO	118	71	81.54	83.39	81.03
16S 35W 13CCC 01	3180.0	TO	170	118	126.60	152.08	153.76
16S 35W 20CCC 01	3231.	TO	189	103	124.68	154.16	154.18
16S 35W 27BBC 01	3202.0	TO	166	107	122.00	153.04	158.10
16S 35W 32BBC 01	3224.0	TO					144.37
16S 36W 030CC 01	3267.0	TO	138	87			124.85
16S 36W 07BCB 01	3319.0	TO	140	80	91.80	108.80	112.60
16S 36W 14CCD 01	3263.0	TO	204	88	114.75	138.03	138.93
16S 36W 17ABC 01	3297.0	TO	157	83	98.50	130.82	132.17
16S 36W 21CCC 01	3295.0	TO	205	84	99.90	144.17	145.32
16S 36W 25BBB 01	3257.0	TO	202	95	120.58		145.24
16S 36W 30CBC 01	3319.0	TO	218	87	109.30	146.22	147.35
16S 36W 34CCC 01	3275.0	TO	187	90	102.30	130.38	132.78
16S 36W 35CCC 01	3265.0	TO	201	95	106.20	132.45	135.20
16S 36W 36CBC 01	3246.0	TO	200	91	105.45		129.70
16S 37W 040CC 01	3380.	TO	149	80		123.04	123.35
16S 37W 13BBC 01	3331.0	TO	151	78	92.70	124.08	125.10
16S 37W 15CCC 01	3369.0	TO	204	83	106.70	143.94	145.27
16S 37W 17BBB 01	3399.0	TO	194	86	101.00	137.32	139.31
16S 37W 27ABC 01	3360.0	TO	210	88	111.90	148.14	149.15
16S 37W 29BBB 01	3394.0	TO	219	86	103.80	147.11	147.40
16S 37W 30ACB 01	3400.0	TO	200	88	112.20	148.15	147.44
16S 38W 05BBB 01	3497.0	TO	222	87	104.00	143.30	145.37
16S 38W 10ABB 01	3458.0	TO	208	83	96.36	136.78	139.18
16S 38W 16ACC 01	3452.0	TO	214	73	89.22	130.15	
16S 38W 19BBB 01	3482.0	TO	180	80		118.75	120.22
16S 38W 26BBB 01	3424.0	TO	197	75	112.02	131.90	134.07
16S 38W 29ADB 01	3458.0	TO	180	80	92.27	126.14	126.90
17S 35W 02BBB 01	3189.0	TO	189	109		146.27	147.25
17S 35W 15CDB 01	3194.0	TO	204	98	110.00	128.72	131.80
17S 35W 18ACB 01	3226.0	TO	195	97	110.80		136.82
17S 35W 27CCC 01	3195.0	TO	210	91	109.60	145.34	145.08
17S 35W 30CBB 01	3235.0	TO	218	94	126.60	156.06	157.67
17S 36W 05CCD 01	3299.	TO	187	95	112.15		140.63
17S 36W 10CBB 01	3202.0	QA, TO	97	29		52.06	53.42
17S 36W 20DOB 01	3241.0	TO	144	48	56.80		84.42
17S 36W 23BCC 01	3258.	TO	228	100	125.35	154.11	153.62
17S 36W 33BCB 01	3286.0	TO	208	98	113.30	139.40	141.20
17S 36W 36BBB 01	3246.0	TO	216	94	125.10	154.60	156.51

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
WICHITA COUNTY -- CONTINUED							
17S 37W 03AAB 01	3349.0	TO	184	89	104.03	131.66	132.80
17S 37W 08BAA 01	3374.0	TO	196	84	101.20	124.53	129.84
17S 37W 13CUD 01	3300.0	TO	175	70		95.86	104.28
17S 37W 22CCC 01	3351.0	TO	195	92	104.39	130.09	131.42
17S 37W 28CCC 01	3360.0	TO	190	85	98.40	132.28	131.42
17S 38W 018AA 01	3399.0	TO	185	85	108.42	122.20	125.77
17S 38W 06BDD 01	3474.0	TO	145	86	87.33	105.30	105.22
17S 38W 10AAB 01	3415.0	TO	210	83			114.42
17S 38W 12DCB 01	3330.0	TO	124	21	26.09	49.78	50.58
17S 38W 218BB 01	3446.0	TO	165	100	100.38	119.90	119.93
17S 38W 24ACC 01	3394.0	TO	210	86	104.50	123.49	124.34
17S 38W 27ACD 01	3420.0	TO	174	95		130.97	133.06
17S 38W 28CCC 01	3446.0	TO	190	105	113.63	142.76	139.54
18S 35W 02ACC 01	3178.0	TO	170	88	104.00	126.30	127.50
18S 35W 08BBC 02	3217.0	TO	186	82			131.28
18S 35W 140CD 01	3171.0	TO	137	80	91.12	111.10	113.14
18S 35W 17DAA 01	3208.0	TO	164	86		139.95	
18S 35W 34ABB 01	3192.0	TO	143	85	97.90	113.70	114.77
18S 36W 020CB 01	3251.0	TO	198	90	103.97	125.92	126.66
18S 36W 09BBB 01	3280.0	TO	195	81	101.04	130.06	130.20
18S 36W 150AD 01	3235.0	TO	165	60		83.60	86.65
18S 36W 180DC 01	3295.0	TO	174	82	90.02	125.75	127.10
18S 36W 29ABB 01	3285.0	TO	171	85	92.32	120.73	119.10
18S 36W 36CCC 01	3219.0	TO	120	70	69.60	78.30	78.20
18S 37W 01BBB 01	3315.0	TO	174	80	108.41	132.56	136.40
18S 37W 03CCC 01	3352.0	TO	201	90		143.19	143.95
18S 37W 05CBB 01	3377.0	TO	196	89		145.53	147.60
18S 37W 14BBB 01	3321.0	TO	190	73		129.06	131.15
18S 37W 19AAD 01	3370.0	TO	167	86	108.55	141.38	140.27
18S 37W 21BBB 01	3360.0	TO	175	85	113.65	152.78	152.78
18S 37W 34BBB 01	3320.0	TO	130	62	70.70	94.53	97.90
18S 37W 36ABB 01	3301.0	TO	155	76	89.33	104.54	105.44
18S 38W 02BCC 01	3414.0	TO	199	95	115.75	148.28	148.08
18S 38W 08BBB 01	3432.0	TO	182	82		124.10	124.83
18S 38W 12BCC 01	3401.0	TO	202	91	117.40	151.95	155.03
18S 38W 20ACC 02	3440.0	TO	169	90	108.71	136.78	
18S 38W 23BAB 01	3340.0	UA, TO	108	23			29.69
18S 38W 31BBC 01	3450.0	TO	148	109	108.74	125.74	123.89
18S 38W 36DDD 01	3374.0	TO	129	78	82.41	82.42	80.75
19S 35W 01AAA 01	3165.0	TO	134	83	100.25	114.20	

TABLE 1. HYDROLOGIC DATA, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
WICHITA COUNTY -- CONTINUED							
19S 35W 08888 01	3217.0	TO	135	85		92.50	95.66
19S 35W 298CB 01	3139.0	TO		32			39.46
19S 36W 158AA 01	3236.0	TO	112	71		77.45	78.50
19S 37W 22AAB 01	3330.0	TO	138	98		106.27	105.60
19S 38W 14AAB 01	3403.0	TO	160	95		97.60	
19S 38W 18DCC 01	3456.0	TO	180	120		131.69	
19S 38W 26CCB 01	3408.0	TO	173	96		106.05	107.05
19S 38W 31CBC 01	3463.0	TO	205	140		138.89	139.56
20S 35W 158CC 01	3112.0	QA, TO	80	58	55.62	56.75	
20S 36W 14DAD 01	3225.0	TO	108		94.20	96.50	97.30
20S 37W 29DCC 01	3359.0	TO	139	98		115.62	116.88
20S 38W 17CBD 01	3442.0	TO	232	135		142.41	144.45
20S 38W 338BA 01	3424.0	TO	205	126	134.00	140.82	139.25

Table 1.--Hydrologic data, southwestern Kansas

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
FINNEY COUNTY							
21S 29W 36CCB 01	2611.	QA	23	17	17.75	22.49	22.40
21S 30W 05888 01	2863.	QU,TO	78	35	28.62	39.88	40.30
21S 31W 08A88 01	2903.0	QU,TO	73	55	48.56		47.18
21S 32W 08ABD 01	2910.0	QU	150	36	41.33	86.04	88.80
21S 32W 20CAC 01	2898.	QU,TO	200	31	45.11	83.47	87.97
21S 33W 02ACB 01	2910.	QU,TO	161	27	39.26	72.46	78.51
21S 33W 07DDAA01	2918.0	QU	95	33	48.30	69.20	70.08
21S 33W 26DAA 01	2946.0	QU,TO	171	96	98.88	108.73	104.57
21S 33W 31CBB 02	2908.	QU,TO	100	30	32.33	84.34	87.12
21S 34W 14DBB 01	2947.	KN			69.02	99.98	102.78
21S 34W 16AADA02	2981.0	QU,TO	120	80	95.36	93.33	93.03
22S 27W 14ADC 01	2458.0	KJ				187.40	184.56
22S 31W 12CDC 02	2896.	QU,TO	135	83	85.35	95.75	93.94
22S 31W 16ADD 01	2904.	QU,TO	181	84	85.53		101.17
22S 31W 35ABB 01	2877.	QU,TO	149	72	80.44	96.68	97.45
22S 32W 08ACB 01	2884.	QU,TO	224	33	40.00		73.38
22S 32W 21CCD 01	2903.0	QU,TO	198	58	66.47	105.26	108.25
22S 33W 03DBC 01	2903.	QU,TO	198	33	33.05	87.95	92.40
22S 33W 17ADB 01	2900.0	KN				84.88	88.73
22S 33W 17DCD 02	2902.0	QU,TO	141	33	42.30	111.21	116.79
22S 33W 22BAA 01	2900.0	QU,TO	190	40	47.18	88.90	91.64
22S 33W 32CBC 01	2923.0	QU,TO	263	53	82.50	163.00	
22S 33W 36AAA 02	2860.0	QU,TO	200	14	21.58	66.29	67.82
22S 34W 08BCB 01	2987.	KN			108.90	140.15	131.22
22S 34W 10AAA 01	2933.	QU,TO	153	43	59.24	108.40	109.32
22S 34W 26ADD 01	2928.0	QU,TO	203	43	71.61		
22S 34W 32BCB 01	2983.	QU,TO	235	68	94.11		169.52
23S 27W 12CCC 01	2618.	QU,TO	72	59	62.52	62.24	62.04
23S 27W 22UAB 01	2654.0	QU,TO				84.90	83.57
23S 28W 220CD 01	2732.0	QU,TO					74.70
23S 28W 34DDC 01	2738.	QU,TO				90.32	90.81
23S 29W 30888 01	2794.0	QU,TO				77.31	77.65
23S 29W 34CUD 01	2772.0	TO	147	84	84.00	86.01	87.34
23S 30W 04CAC 01	2846.0	QU,TO				73.00	
23S 30W 19CCB 01	2862.0	QU,TO	142	89	82.20		84.41
23S 31W 030CD 01	2877.	QU,TO	167	72	83.03	98.22	101.94
23S 31W 35CCC 01	2875.	QU,TO	200	95	96.76	109.50	109.97
23S 32W 11ADC 01	2942.	QU,TO	242	117	122.75	139.65	
23S 32W 18BCD 01	2878.	QU,TO	290	35	46.14	85.00	
23S 32W 19CBB 01	2876.	QU,TO	310	36	44.75	109.55	108.59

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
FINNEY COUNTY -- CONTINUED							
238 32W 22DAB 01	2923.0	QU,TO	273	100	109.11		143.17
238 32W 31CA 01	2876.	QU,TO	324	41	49.40	99.32	98.10
238 33W 10DCC 01	2880.	QU,TO	305	25	37.60	119.77	118.83
238 33W 17888 01	2904.	QU,TO	340	26	60.34	138.21	
238 33W 26A88 01	2890.	QU,TO	327	42	50.40		98.59
238 33W 28CDC 01	2904.	QU,TO	339	46	61.25	127.89	130.94
238 33W 32A88 01	2910.	QU,TO	350	49	65.34	129.10	133.15
238 34W 01DDC 01	2931.	QU,TO	334	46	81.70	158.53	
238 34W 038CB 01	2952.	QU,TO	303	50	76.00	153.50	162.99
238 34W 09DB8 01	2951.	QU,TO	333	40	64.38	137.53	143.35
238 34W 148DC 01	2940.	QU,TO	330	39	63.10	141.60	147.31
238 34W 17CCC 01	2974.	QU,TO	349	46	70.07	142.19	148.88
238 34W 21DDC 01	2961.	QU,TO	356	41	71.64	139.96	144.72
238 34W 26CCC 01	2952.	QU,TO	344	54	73.30	132.82	138.88
238 34W 28CDA 01	2965.0	QU,TO	364	46	70.95	132.46	138.30
248 31W 11DBD 01	2882.	QU,TO	241	114	115.29	129.92	127.51
248 31W 27CC8 01	2883.	QU,TO	295	114	119.56	127.00	128.24
248 31W 318CD 01	2794.0	QA	234	10	9.15		16.67
248 32W 03DAC 01	2881.	QU,TO	299	70	80.94	98.80	99.73
248 32W 058CB 01	2873.0	QU,TO	313	45	49.29	88.90	88.44
248 32W 25C88 02	2800.0		230	9		17.65	17.99
248 32W 29AC 01	2850.0	QA	295	35	28.89		54.52
248 32W 35DD 01	2811.0	QU,TO	256	21	27.29	38.60	38.70
248 33W 09CCD 01	2865.0	QU	355	11		58.02	
248 33W 148CB 01	2854.0	QU,TO	344	18		34.20	37.30
248 33W 188DB 01	2878.0						45.36
248 33W 21CAB 01	2915.0	QU,TO	415	60		104.20	106.36
248 33W 22OCA 01	2915.0	QU,TO	405	71		104.18	106.83
248 33W 28DAA 01	2886.	QU,TO	386	34		87.33	89.55
248 33W 31CCA 01	2923.0	TO				80.10	84.95
248 33W 32BDB 02	2920.0					84.60	86.95
248 33W 34CAC 01	2910.0	QU,TO	435	60		110.75	114.70
248 34W 018CB801	2894.0	QU,TO	316	12	24.74	74.70	79.47
248 34W 05AAB 01	2965.0	QU,TO	365	55	57.70		104.68
258 31W 11CB8 01	2770.0	QA,QU	180	21		27.30	25.90
258 31W 19CB0 01	2850.0	QA	295	71	65.19	79.80	81.87
258 31W 21CAB 01	2788.0	QU	228	27	20.48		33.50
258 31W 35DBA 01	2801.	QU	256	52	49.99	62.22	
258 32W 22DBD 01	2865.0	QU,TO	373	65	62.00	81.20	
258 32W 31DD 01	2880.0	QU,TO	505	64	61.86	89.55	91.78

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
FINNEY COUNTY -- CONTINUED							
25S 32W 35ADB 01	2857.	QU,TO	417	67	68.00	84.10	86.63
25S 33W 03BCC 01							52.30
25S 33W 05ABD 01	2920.0	QU,TO	510	52		96.75	100.40
25S 33W 09ABD 01	2909.0	QU,TO	514	50		99.70	101.17
25S 33W 15DAC 01	2915.	QU,TO	535	71		119.34	121.48
25S 33W 17DBD 01	2940.	QU,TO	530	78		116.34	119.16
25S 33W 21CAC 01	2935.0	QU,TO	535	80	79.00	103.30	104.54
25S 33W 35DBD 01	2894.0	QU,TO	474	63		90.16	93.10
25S 34W 06AAA 01	2972.	QU,TO	397	52		89.06	92.26
25S 34W 10AB8 01	2962.	QU,TO	412	62		80.95	83.55
25S 34W 18ACA 01	2970.0	QU					96.50
25S 34W 25ABC 01	2960.0	QU	520	82		85.70	
25S 34W 34DBD 01	2945.0	QU,TO	440	65	70.00	90.32	94.90
26S 31W 01DDA 01	2811.0	QU,TO	301	75	74.06	85.84	92.00
26S 31W 06888801	2832.	QU,TO	327	55	55.60	72.52	75.25
26S 31W 31CDC 01	2841.	QU,TO	496	83	86.19	118.48	121.02
26S 31W 36CAB 01	2817.	QU,TO	332	82	80.35	106.70	110.03
26S 32W 22AB8 01	2899.0	QU,TO	564	113	115.64	134.22	137.36
26S 32W 35CDA 01	2864.	QU,TO	524	92	92.48	117.40	120.14
26S 33W 03DB8 01	2886.	QU,TO	426	56	56.89	77.85	83.12
26S 33W 12CAD 01	2886.	QU,TO	471	69	71.10	90.70	94.15
26S 33W 26AB8 01	2929.0	QU,TO	554	113	118.32	141.05	143.70
26S 34W 30BD 01	3005.0	QU	455	115	132.64		149.37

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
FORD COUNTY							
25S 26W 25CDD 01	2623.0	TO	187	79		77.63	75.82
25S 26W 30ABC 01	2679.0	TO	225	104		110.67	110.42
26S 26W 32ADD 01	2585.0	TO	128	43		49.44	49.76
26S 26W 36DCC 01	2543.0	TO	168	31		36.51	36.37
27S 23W 36CCC 01	2428.0	TO	147	46		41.86	43.12
27S 24W 168DA 01		TO				70.93	74.28
27S 24W 26DAA 01	2512.0	TO	191	79		86.37	87.62
27S 26W 21DAA 01	2695.0	TO	199	160			164.35
28S 21W 10DDU 01	2349.0	TO	89	41		40.36	40.88
28S 21W 11C 01							42.00
28S 21W 230BC 01		TO					72.63
28S 22W 12CAC 01	2405.0	TO	95	66		58.11	58.43
28S 22W 32BAB 01	2485.0	TO	161	121		123.00	121.90
28S 24W 09CBC 01	2572.0	TO	227	125		131.30	131.95
28S 25W 19BBB 01	2635.0	TO	265	133		139.19	140.02
28S 26W 06AAB 01	2685.0	TO	195	133		158.10	161.57
28S 26W 13CAA 01						133.09	133.71
29S 22W 170AD 01	2475.0	TO	240	119		125.55	125.90
29S 24W 01ABA 01	2560.0	TO	220	140			140.28
29S 24W 188AA 01	2610.0	TO	210	149		155.50	157.53
29S 25W 03ADA 01	2630.0	TO	220	152		176.75	176.38
29S 25W 108BB 01	2617.0						152.98
29S 26W 01CDD 01	2583.0	TO	163	78		90.96	91.60
29S 26W 15ADB 01	2563.0						83.14
29S 26W 368BB 01	2532.0	TO	212	26		22.75	21.98

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
GRANT COUNTY							
27S 35W 17A00 01	3086.	QU,TO	462	175	185.73	216.78	220.53
27S 36W 18DCB 01	3065.	QU,TO	395	104	116.50	163.14	170.06
27S 36W 25CC 01	3133.0	QU,TO	438	216	253.65	281.74	295.72
27S 37W 04A8B 01	3080.0	QU,TO	316	70	86.45	146.03	150.44
27S 37W 11A8A 01	3093.0	QU,TO	368	107	131.49	186.19	186.69
27S 37W 21B0D 01	3058.0						
27S 37W 29C8B 01	3079.0	QU,TO	319	50	84.45	187.78	194.57
27S 38W 12A0C 01	3076.0	QU,TO	280	34	65.50	177.48	179.82
27S 38W 15B8B 01	3148.	KJ			132.92	171.20	168.50
27S 38W 22C8B 01	3110.0	QU,TO	340	49	76.80	179.26	172.10
27S 38W 23CB 01	3105.0	QU,TO	335	50	98.27	151.42	155.56
27S 38W 25B8B 01	3096.0	QU,TO	326	46	95.35	196.86	202.35
27S 38W 32BCC 01	3131.0	QU,TO	371	50	105.18	156.35	155.83
28S 35W 05BCC 01	3117.0	QU,TO	457	237	253.20		
28S 35W 08B8A 01	3117.0	QU,TO	447				308.00
28S 35W 15C8B 01	3064.	QU,TO	509	213	250.72	276.25	292.76
28S 35W 30B8B 01	3072.0	QU,TO	502	207			294.80
28S 35W 36A8C 01	3032.0	QU,TO	572	222	236.41	287.57	292.65
28S 36W 02C0D 02	3111.	QU,TO,KJ			241.60	268.50	266.85
28S 36W 21C0D 01	3066.0	QU,TO	430	158	193.85	253.95	258.71
28S 37W 02B8B 03	3087.0	QU,TO,KJ				218.91	223.92
28S 37W 10B0D 02	3057.	QU,TO	350	49	100.72	170.78	
28S 37W 30B8D 01	3097.	QU,TO	427	65	103.73	188.84	188.41
28S 38W 07B8B 01	3134.0	QU,TO	409	56	112.46	210.11	215.19
28S 38W 08B0C 01	3124.0	QU,TO	424	50	120.30	222.76	219.50
28S 38W 12B0B 01	3087.0	QU,TO	360	37	74.40	165.82	173.54
28S 38W 12D0D 01	3080.0	QU,TO	365	40			165.55
28S 38W 17AAA 01	3112.0	QU,TO	422	41	118.12	199.76	205.45
28S 38W 31D8B 01	3138.0	QU,TO	418	58	100.58	174.78	186.60
28S 38W 33B0D 03	3128.	QU,TO	438	62	95.53	159.41	169.10
29S 35W 01CCC 01	3015.0	QU,TO	510	210		263.90	268.98
29S 35W 07C8D 01	3036.0	QU,TO	441	168		255.85	271.05
29S 35W 28ACC 01	2975.0	QU,TO	500	147	185.46	224.14	231.72
29S 36W 04B0B 01	3055.0	QU,TO	400	133	161.00	251.00	
29S 36W 19B0B 01	2995.	QU,TO	405	44	118.00		179.46
29S 37W 03C0B 01	3051.0	QU,TO	421	71	133.00	202.89	207.17
29S 37W 08C8A 01	3065.0	QU,TO	430	46	114.52	195.38	201.83
29S 37W 22AAB 01	3039.0	QU,TO	459	48	104.00	161.35	
29S 37W 29B8A 01	3094.	QU,TO	504	74	148.00		243.25
29S 38W 03BAA 01	3113.0	QU,TO	459	54	121.44	210.11	

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
GRANT COUNTY -- CONTINUED							
29S 38W 08CCC 01	3154.0	QU,TO	480	74	109.00	176.97	191.10
29S 38W 20CDC 01	3139.0	QU,TO,KJ			80.87	128.96	133.00
29S 38W 22CBB 01	3113.0	QU	493	54	74.00	140.49	137.40
29S 38W 35CCD 01	3124.	QU,TO	469	74	115.18	153.95	168.89
30S 35W 02DBC 01	3020.	QU,TO	525	225	240.53	282.64	
30S 35W 198CD 01	3004.	QU,TO	474	134	153.31		
30S 36W 018BB 01	2973.0	QU,TO	463	98	130.42	186.85	189.90
30S 36W 04ABB 01	3033.0	QU,TO,KJ				179.00	
30S 36W 068BC 01	3075.0	QU,TO	465	121	192.00	253.41	254.38
30S 36W 07AAB 01	3061.0	QU,TO	481	114	190.75		219.00
30S 36W 16DAB 01	3027.0	QU,TO	432	109	140.78	185.55	187.68
30S 36W 25BCB 01	2901.	QA	341	15		48.42	51.16
30S 36W 32BCC 01	3064.0	QU,TO	384	113	122.54	146.86	153.45
30S 37W 02BAA 02	3102.	QU,TO	507	122	221.72		283.39
30S 37W 03DBA 01	3108.0	QU,TO,KJ				257.86	263.81
30S 37W 06DCC 01	3121.0	QU,TO	520	101	142.75	194.80	201.02
30S 37W 10DCB 01	3096.0	QU,TO	426	111	173.94	214.83	216.88
30S 37W 20CBC 01	3125.0	QU	385	114	164.64	193.48	199.54
30S 38W 03DCC 01	3147.	QU,TO	452	91	124.74	166.17	168.50
30S 38W 13CCC 01	3142.	QU,TO,KJ			146.73	188.74	190.31
30S 38W 15DBC 01	3144.0	QU	360	89	118.75	156.75	159.17
30S 38W 30ACA 01	3152.0	QU,TO	377	69	82.15	130.46	133.57

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
GRAY COUNTY							
24S 27W 08CCC 01	2697.0	QU,TO	138	66	59.17		
24S 27W 14ABB 01	2654.	QU,TO	92	74	66.20	65.49	68.62
24S 28W 10ADD 01	2743.0	QU,TO	200	92		99.46	99.99
24S 28W 31DD 01	2754.	QU,TO	264	91	87.90	120.47	119.58
24S 28W 36ACA 01	2720.	TO	135	85	83.37		96.26
24S 29W 16DCA 01	2787.0	QU,TO	222	98	96.28	110.48	109.95
24S 29W 18CCB 01	2814.0	QU,TO	220	106	109.82	119.12	118.92
24S 30W 018CB 01	2809.0	QU,TO	170	89		89.86	89.04
24S 30W 08DCD 01	2859.0	QU,TO	238	114		131.35	132.48
24S 30W 15CCC 01	2846.0	QU,TO	248	114		130.32	132.58
25S 27W 33ABB 01	2728.0	QU,TO	249	134	131.80	137.83	142.03
25S 29W 07BCB 01	2830.0	QU,TO	281	131	129.05	139.69	139.35
25S 30W 20BCB 01	2734.0	QU,TO	184	9	9.82	13.50	14.28
25S 30W 22ACD 01	2722.	QU,TO	177	14	14.70		21.65
26S 27W 13BHC 01	2567.	QU,TO	165	9	7.95	10.19	8.54
26S 27W 18ADC 01	2596.0	QU,TO	202	6		7.29	5.08
26S 27W 27CDD 01	2612.0	QU,TO	222	33		43.98	44.08
26S 28W 10ACB 02	2632.	QU,TO	172	16	18.90	26.94	24.38
26S 29W 35CCC 01	2742.0	QU,TO	242	72	71.65	83.90	86.75
26S 30W 17AD 01	2799.0	QU,TO	319	76	72.00	88.07	89.80
26S 30W 24DDD 01	2754.0	QU,TO	253	54		70.90	73.95
27S 27W 07ADC 01	2686.	QU,TO	186	82	74.00	89.11	89.54
27S 27W 10CDB 01	2712.0	QU,TO	235	131	123.47	134.70	136.33
27S 27W 25CCD 01	2732.0	QU,TO	228	167	163.85	174.70	175.05
27S 28W 05AAA 01	2707.0	QU,TO	228	66		78.31	80.30
27S 28W 30CCA 01	2738.0	QU,TO	218	78		89.75	92.44
27S 29W 09DA 01	2749.0	QU,TO	280	69	60.30	83.30	86.00
27S 30W 08BBB 01	2790.0	QU,TO	265	68	66.60	92.52	95.62
27S 30W 23BB 01	2772.	QU,TO	247	68	63.90	86.10	90.22
27S 30W 25CCB 01	2808.0	QU,TO	369	110	103.05	128.86	134.90
27S 30W 34CCC 01	2807.0	QU,TO	404	102	101.00	128.62	131.70
28S 27W 038BB 01	2755.0	QU,TO	260	166		174.32	174.80
28S 28W 20ADD 02	2795.0	QU,TO	220	145	146.25	148.99	148.34
28S 29W 16ACC 01	2799.0	QU,TO	299	121	125.00	152.11	153.40
28S 30W 10DDD 01	2814.0	QU,TO	469	115	120.90	151.93	153.75
28S 30W 178BA 01	2817.0	TO	497	110	110.42	146.33	
28S 30W 248AB 01	2804.0	QU,TO	429	114	119.57	151.66	153.20
29S 27W 308CC 01	2655.0	QU,TO	280	87	103.02	120.34	121.50
29S 27W 36ABA 01	2573.0	QU,TO	348	45	54.00	81.69	82.95
29S 28W 18CCC 01	2715.0	QU,TO	190	80		107.02	109.15

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
GRAY COUNTY -- CONTINUED							
29S 28W 19DDD 01	2712.0	QU,TO	292	92	95.66		114.39
29S 28W 28CDC 01	2688.0	TO	278	88	91.20	108.58	110.58
29S 29W 10888 01	2744.0	TO	249	85	87.80	110.11	111.31
29S 29W 278C8 01	2739.0	QU,TO	494	98		121.54	123.75
29S 30W 05888 01	2821.0	QU,TO	466	130	137.50	163.48	165.95
29S 30W 12CCC 01	2768.0	QU,TO	478	98			127.70
29S 30W 2288C 01	2816.0	QU,TO	446	144	144.64	175.26	177.86
29S 30W 35ACD 01	2805.0	QU,TO	445	146	147.85		173.02

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
HAMILTON COUNTY							
21S 39W 07C8A 01	3497.	TO	215	196	194.04	190.43	197.59
22S 39W 0388B 01	3453.0	TO	199		191.25	183.90	183.69
22S 39W 0800D 01	3468.0	TO	214		178.50	177.11	176.76
23S 39W 15A0D 01	3325.	QU,TO	144		130.14	128.81	129.36
23S 40W 29D0B 01	3397.	KU			240.35	290.10	293.80
23S 42W 19C8B 01	3339.0	QA,QU	67	20	24.10	25.96	27.11
23S 42W 26DCA 01	3309.0	QA	70	29	23.78	29.00	28.99
23S 42W 27D0B 01	3311.	QA	70	23	20.00	24.56	24.01
23S 42W 34C8B 01	3307.0	QA	58	13	9.67	13.31	13.25
23S 43W 21ABA 01	3364.	QA	29	15	15.08	17.73	17.64
23S 43W 238CB 01	3356.0	QA	68	21	20.57	26.53	23.69
23S 43W 25C8D 02	3335.0	QA	47	8	8.83	9.67	9.77
23S 43W 268CC 01	3343.	QA	22	7	7.10	8.64	8.76
24S 39W 19C8C 01	3175.	QA	65	6	6.75	10.84	12.37
24S 39W 22CCB 01	3152.	QA	42	8	11.81	14.73	15.36
24S 39W 3088D 01	3177.0	QA	77	9	9.15	12.10	13.39
24S 39W 30CAD 01	3173.	QA	68	6	6.80	10.80	11.26
24S 39W 358AC 01	3143.	QA	43	9	5.42	9.40	9.94
24S 39W 35C8A 01	3146.	QU	97	11	11.40	16.28	16.80
24S 40W 07C8B 01	3233.	QA	58	14	13.91	16.54	16.79
24S 40W 1788B 01	3221.	QA	71	13		16.70	16.91
24S 40W 23AAB 01	3204.	QA	104	26	24.41	28.31	29.19
24S 40W 3188B 01	3287.	QU			63.62	64.76	64.97
24S 41W 01DAD 01	3254.0	QA,QU	45		14.77	18.67	20.70
24S 42W 04AAD 01	3304.	QA	44	7	6.55	12.10	10.84
24S 42W 280DD 01	3455.0	KJ			160.00	162.80	162.64
24S 43W 14C8B 01	3452.	KJ		114	110.86	113.85	113.86
25S 39W 02CAD 01	3156.	QU,TO	46	24	27.91	31.63	32.01
25S 39W 238DD 01	3286.	QU,TO	133		78.72	91.40	91.65
25S 39W 34DCA 01	3331.	KJ			121.96	120.84	120.35
25S 40W 01CA 01	3218.	QU	58	46	45.86	51.82	52.19
25S 40W 2688B 01	3412.	KJ		213	215.00	220.35	223.95
25S 43W 03A8B 01	3575.	KJ			190.56	256.30	258.05
25S 43W 21AAB 01	3522.	KJ			129.48	141.00	141.47
25S 43W 25CCD 01	3490.0	QU,TO	225	101	121.42	147.72	144.55
26S 39W 018AA 01	3259.	QU,TO			82.90	81.52	82.39
26S 40W 188A 01	3451.0	KJ			111.58	110.76	110.63
26S 41W 12DCC 01	3379.	KJ			186.56	214.80	214.54
26S 41W 2088D 01	3317.0	QU,TO	242	17	20.74	28.80	30.02
26S 41W 36CCC 01	3270.0	QU,TO	231	35	29.00	44.31	45.47

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
HAMILTON COUNTY -- CONTINUED							
26S 42W 108B 02	3405.	QU,TO	245	52	77.23	102.52	105.09
26S 42W 17CB 01	3458.0	QU,TO,KJ			108.17	151.69	155.61
26S 42W 22CDB 01	3412.	QU,TO	212	77	93.15	143.70	
26S 43W 25DCC 01	3508.0	QU,TO,KJ				196.16	199.06

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
HASKELL COUNTY							
27S 31W 078DA 01	2845.	QU, TO	518	92	89.00	113.99	117.10
27S 31W 2188C 01	2836.0	QU, TO	497	99	103.68		129.14
27S 31W 24CDC 01	2816.0	QU, TO	366	94	97.82	127.98	131.41
27S 31W 318CC 01	2895.0	QU, TO	520	151	154.83	187.20	197.78
27S 32W 06C8B 01	2905.0	QU, TO	465	107		138.33	138.56
27S 32W 13A8B 01	2841.0	QU, TO	471	85		111.16	113.74
27S 32W 19CCD 01	2906.0	QU, TO	456	118	130.00	154.73	168.49
27S 33W 290AA 01	2995.	QU, TO	540	194	186.30	237.14	246.76
27S 33W 330CD 01	2985.0	QU, TO	595	197	204.34	251.75	256.56
27S 34W 160DD 03	2995.	QU, TO	465	136	140.00		
27S 34W 280AA 01	3041.0	QU, TO	496	186	187.00	214.56	218.85
28S 31W 03CCD01	2887.0					203.73	206.56
28S 31W 32A8B 01	2905.	QU, TO	515	187	191.43	221.62	225.37
28S 31W 35CCB 01	2863.	QU, TO	443	156	171.95	199.88	207.31
28S 32W 09CCC 01	2963.0	QU, TO	565	210	216.00		
28S 32W 1888B 01	2951.	QU, TO	581	192	203.30	267.91	276.74
28S 32W 248CC 01	2910.0	QU, TO	549	175	181.59	210.94	215.81
28S 32W 3588A 01	2912.	QU, TO	562	182	186.74	220.41	225.13
28S 33W 218CB 01					228.83		302.11
28S 33W 240BC 01	2944.0	QU, TO	594	195		280.98	288.33
28S 34W 1388B 01	3022.	QU, TO	547	247	260.84	323.94	331.16
28S 34W 150AB 01	3020.0	QU, TO	570	243	263.00	319.61	327.81
28S 34W 32ADD 01	3013.0	QU, TO	553	219	239.44	302.26	306.50
29S 31W 09CB 01	2871.0	QU, TO	466	166	169.47	202.45	201.67
29S 31W 1488B 01	2857.	QU, TO	432	163	167.00	200.61	203.49
29S 31W 348CA 01	2858.0	QU, TO	468	168	172.79	202.33	205.11
29S 32W 048CC 01	2916.	QU, TO	571	184	198.00	231.26	230.18
29S 32W 160AA 01	2915.0	QU, TO	545	199	213.00	253.46	256.99
29S 32W 19CCC 01	2923.4	QU, TO	598	208	218.22	259.33	264.77
29S 32W 2288B 01	2917.0	QU, TO	552	205		236.30	237.84
29S 33W 01AAB 01	2946.	QU, TO	601	213	226.32	299.75	309.26
29S 33W 05ACA 01	2963.0	QU, TO	588	210	222.90	290.13	293.29
29S 33W 1188C 01	2953.	QU, TO	608	222		318.71	319.89
29S 33W 288CB 01	2963.0	QU, TO	558	212		279.43	288.39
29S 34W 02A8B 01	2971.	QU, TO	541	191	209.56	272.11	276.81
29S 34W 09C8B 01	3001.	QU, TO	549	208	228.39	284.81	289.62
29S 34W 11ADD 01	2961.0	QU, TO	506	183	209.72	274.33	275.14
29S 34W 248CC 01	2963.0	QU, TO	548	193	198.50	272.21	277.23
29S 34W 28CCD 01	2993.0	QU, TO	538	212	222.56	268.61	272.63
29S 34W 36C8C 01	2976.0	QU, TO	556	213		282.18	280.92

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
HASKELL COUNTY -- CONTINUED							
30S 31W 06888 01	2879.0	QU,TO	527	186	196.47	228.53	224.02
30S 31W 15A88 01	2852.0	QU,TO	552	175		224.03	226.87
30S 31W 24888 01	2833.	QU,TO	543	165	167.22	197.33	
30S 31W 33888 01	2835.0	QU,TO	495	162		207.07	214.02
30S 32W 11888 01	2885.0	QU,TO	560	188	202.41	243.61	245.88
30S 32W 178CC 01	2910.0	QU,TO	558	200	211.69	259.30	262.53
30S 32W 22888 01	2876.0	QU,TO	512	176	192.38	225.65	232.54
30S 32W 318A8 01	2906.0	QU,TO	466	194	202.02	246.03	256.81
30S 33W 06080 01	2986.0	QU,TO	596	233	241.42	284.94	292.01
30S 33W 30C80 01	2963.	QU,TO	513	215	219.78	245.56	239.09
30S 34W 05888 01	3006.	QU,TO	531	223	232.79	275.48	288.71
30S 34W 16888 01	2983.0	QU,TO	508	207	210.58	247.83	254.26
30S 34W 30A00 01	2836.0	QU,TO	316	57	60.11		87.81

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
HODGEMAN COUNTY							
21S 21W 218CC 01	2134.0	QA	72	32		45.55	45.91
21S 22W 0388A 01	2170.0	QA	80	30		42.05	40.25
21S 25W 148CB 01	2309.0	QA	79			33.31	30.80
21S 26W 35AAC 01	2378.0	QA	78			38.42	35.99
22S 21W 0288C 01	2122.0	QA	105	32		42.90	44.07
22S 21W 060CC 01	2138.0	QA	88	24		34.06	31.00
22S 22W 04AAA 01	2201.0	QA	111	32		24.94	22.79
22S 22W 230DD 01	2159.0	QA	84	27		29.65	24.90
22S 22W 270CC 01	2167.0	QA	58	27		32.93	27.90
23S 23W 018AA 01	2205.0	QA	75	23			33.75
23S 24W 11ABB 01	2281.0	QA	56			26.23	21.20
23S 26W 07CCC 01	2612.0					324.94	315.30
23S 26W 31CDD 01	2621.0	TO	122	71		71.57	71.44
24S 21W 20C8B 01	2348.0					78.97	78.30
24S 23W 03CCC 01	2422.0	TO	90			58.47	58.58
24S 24W 02CCC 01	2478.0	TO	90			52.48	53.02
24S 24W 20CCC 01	2511.0	TO	86			64.85	64.21

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
KEARNY COUNTY							
228 35W 23CDD 01	3025.0	TO	175	95	107.60	124.64	125.35
238 35W 05ACC 01	3096.	TO	180	118	122.75	148.90	149.63
238 35W 12CCC 01	3009.0	QU,TO	369	67	79.15	140.20	150.73
238 35W 25888 02	3005.0	QU,TO	385	46	59.14	112.44	119.42
238 35W 29DAC 02	3023.	QU,TO	335	33	42.45	69.53	70.46
238 36W 04C88 01	3183.0	TO	198	142	132.90	142.64	142.64
238 36W 32888 01	3234.0	TO	305	189	218.09	236.90	237.58
238 37W 04A8C 01	3281.0	TO	233	183		188.60	188.74
238 37W 19CCC 01	3325.	TO	294	223	232.92		258.39
238 37W 28CCB 01	3303.	TO	300	218	236.98	259.60	260.49
238 37W 368A8 01	3263.	TO	310	205	229.75	257.14	251.84
248 35W 09CCC 01	2998.	QU,TO	358	30	31.05	49.48	54.21
248 35W 13CCC 02	2941.	QA	346	12	8.28	21.22	23.59
248 35W 20CCC 02	2973.0	QA	328	15	9.69	24.02	26.98
248 35W 22CCC 02	2962.	QA	337	22	7.19	25.07	27.36
248 36W 15BCB 01	3074.	QU,TO	190	66	75.13	103.89	106.58
248 36W 23C88 02	3014.	QU,TO	310	26	24.88	38.08	40.59
258 35W 028AA 01	2990.	QU,TO	400	52		86.11	89.47
258 35W 17AAA 01	2995.	QU,TO	405	37		75.90	80.94
258 35W 268A8 01	3005.	QU,TO	450	70		94.53	100.30
258 35W 28088 01	2997.	QU	397	49	52.74	80.70	86.61
258 36W 11C8C 01	3005.	QA	355	15	13.34	27.35	29.71
258 36W 18ACC 01	3033.	TO	233	19	15.52	31.80	34.95
258 36W 2888D 01	3050.0	QU,TO	362	51		68.60	73.41
258 36W 35ACC 01	3026.0	QU	366	51	56.91	79.99	83.84
258 37W 15ABA 02	3050.	QA	30	5		12.25	13.50
258 37W 150DD 01	3051.0	QA	66	12	12.97	16.70	17.80
258 37W 258AD 02	3056.	QU,TO,KJ			38.12	59.02	61.50
258 38W 08CAA 01	3140.0	QU,TO,KJ			37.57	42.73	43.23
258 38W 20ACC 01	3175.	QU,TO,KJ			63.28	69.17	69.32
258 38W 26ACC 01	3145.	QU,TO	145	63	65.42	71.67	72.75
268 35W 06ADA 01	3008.0	QU	418	58	60.72	81.00	
268 35W 10D8C 01	3004.0	QU	464	81	83.00	99.80	
268 36W 01088 01	3010.0	QU	400	48		69.90	78.19
268 36W 048DA 01	3034.0	QU	354	52	55.86	74.07	
268 36W 14ACD 01	3013.0	QU	363	55	50.20	68.75	73.96
268 37W 06ACB 01	3092.0	QU,TO	102		26.14	29.70	35.28
268 37W 210DD 01	3056.0	QU,TO	319	41	57.87	80.86	83.46
268 37W 25C08 01	3082.	QU	372	92	105.00	135.48	139.09

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
MEADE COUNTY							
30S 26W 04C8B 01	2525.0	QU, TO	415	11	20.70	42.55	41.92
30S 26W 07B8B 01	2541.	QU, TO	401	22	29.92	59.57	57.40
30S 26W 17B8C 01	2520.0	QU, TO	400	11	22.03	39.60	37.21
30S 26W 31C8C 01	2485.	QU, TO	350	14	14.00	36.30	
30S 27W 04D8D 01	2576.	QU, TO	346	31	34.76	67.00	67.56
30S 27W 22CDD 01	2518.		328	14	12.32	8.10	8.19
30S 27W 23A8B 01	2531.	QU, TO	321	12	16.50		38.43
30S 27W 32D0D 01	2475.0		315	26	11.86	9.20	8.71
30S 28W 02BAA 01	2660.	QU, TO	430	83	97.20	114.25	114.31
30S 28W 17A8B 01	2697.	QU, TO	517	102	109.60	129.10	
30S 29W 03DCC 01	2728.	QU, TO	464	102	107.44		128.10
30S 29W 23CA0 01	2744.	QU, TO	544	134	141.35	161.17	164.43
30S 29W 28B8B 01	2758.0	QU, TO	553	137	137.89	158.84	165.10
30S 29W 32B8B 01	2756.	QU, TO	536	133	130.78	157.40	160.34
30S 30W 12C8B 01	2813.	QU, TO	493	163	165.55	201.44	199.41
30S 30W 28A8B 01	2803.0	QU, TO	508	150	145.95		173.89
31S 26W 30B8B 02	2516.	QU, TO	213	97		96.02	97.15
31S 27W 20AAA 02	2466.	QU, TO	326	15		31.60	27.86
31S 28W 10B8C 01	2643.	QU, TO	463	114	112.20	156.23	153.11
31S 29W 25AAA 02	2698.0	QU, TO	438	145	156.52		174.77
31S 29W 30AAA 01	2741.0	QU, TO	461	136	130.22	154.18	152.21
31S 30W 16B8C 01	2770.0	QU, TO	505	136	133.90	166.94	169.87
32S 28W 04ADD 01	2546.0	QU, TO	366	63	66.15		69.80
32S 28W 14C8C 01	2430.	QU, TO	300	6	6.43	10.30	8.81
32S 29W 05CC 01	2719.0	QU, TO	464	139	137.35	163.41	157.67
32S 29W 27AAB 02	2688.	QU, TO	555	143		144.69	
32S 30W 09CCC 01	2764.0	QU, TO	504	155	156.75	189.62	188.86
32S 30W 28B8C 01	2759.0	QU, TO	459	167	170.28	203.55	198.46
32S 30W 35CAD 02	2728.0	QU, TO	488	158	175.50	191.72	192.15
33S 28W 29B8C 01	2371.3	TO	160	14	14.30	17.55	16.38
33S 29W 36AAB 01	2463.0	QU, TO	283	81	81.35		85.64
33S 30W 35C8 01	2684.0	QU, TO	544	161	157.84	164.88	163.52
34S 30W 22C8C 01	2675.0	QU, TO	675	191		193.42	194.22
34S 30W 27B8B 02	2660.	QU, TO	671	187		189.10	189.59
35S 30W 10CDA 01	2393.0	QA, QU, TO	318	23	23.16	22.71	22.76

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
MORTON COUNTY							
31S 39W 18CCC 01	3246.0	QU, TO	226	116	135.60	179.00	180.90
31S 39W 33BCC 01	3253.	QU, TO, KJ			160.00	207.20	206.89
31S 40W 01DA 01	3236.0	QU, TO	276	111	133.10	166.90	168.67
31S 40W 29A8B 01	3331.0	QU, TO	233	141	166.15	179.62	180.49
31S 41W 07CDD 01	3441.0	KJ			135.00	134.95	135.09
31S 41W 31C8B 01	3441.0	KJ			73.00		88.09
31S 42W 29AA8 01	3510.	QU, TO, KJ		74	93.10	104.75	103.51
31S 43W 03CB 01	3609.0	QU, TO, KJ		61	65.70	65.98	63.79
31S 43W 14DDC 01	3576.0	KU			67.78	70.30	68.02
31S 43W 20C8B 01	3653.	QU, TO		53	56.40	100.85	93.58
32S 39W 09DD 01	3248.0	QU, TO	268	118	146.90	186.60	181.85
32S 40W 21ADB 01	3342.0	QU, TO	237	132	156.00	187.10	178.46
32S 41W 15CDD 01	3360.0	QU, TO, KJ			18.00	19.90	20.74
32S 42W 14CCC 01	3500.0	QU, TO, KJ			90.60	111.55	110.76
32S 42W 21BCC 01	3526.0	QU, TO, KJ			113.64	145.95	147.28
32S 42W 26CDD 01	3485.0	QU, TO, KJ			102.00	140.50	138.90
32S 43W 17DCC 01	3626.0	TO	146	60	60.00	70.30	
33S 39W 16A8B 01	3234.	QU, TO	344	82	70.00	74.75	74.12
33S 40W 27CCC 01	3308.0	QU, TO	323	98	80.00	82.05	
33S 41W 03AAD 01	3425.	QU, TO, KJ			117.26		140.77
33S 41W 21CCC 01	3357.0	QA	127	27	41.10	43.70	
33S 41W 33DDD 01	3377.0	QU	157	68	69.40		67.98
33S 42W 01AA 01	3438.0	QU	168	48	34.50	39.70	40.41
33S 42W 21BCB 01	3527.0	QU, TO	167	87	85.00	87.80	
33S 43W 08BDA 01	3643.0	QU, TO, KJ			95.00	100.43	101.04
34S 42W 05BDC 01	3449.0	QU, KJ			38.40	38.60	38.70
34S 42W 22CDB 01	3492.	QU, TO	112	92		83.70	
34S 43W 07BDD 01	3655.0	KJ			147.20		
35S 40W 03B8B 01	3367.	QU, TO	407	179	183.12	175.26	175.98
35S 43W 13BDB 01	3615.0	QU, TO	305	151		181.25	178.31

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
SEWARD COUNTY							
31S 31W 08BCC 01	2829.0	QU,TO	519	164	169.48	202.84	204.76
31S 31W 13BCB 01	2800.	QU,TO	525	154	154.18		
31S 32W 03DAD 01	2845.0	QU,TO	496	158	174.18	210.60	206.61
31S 33W 06CBD 01	2948.	QU,TO	498	210	211.25	229.68	233.07
31S 33W 20DBB 01	2897.0	QU,TO	537	179	179.11	198.97	207.20
31S 34W 18BBB 01	2951.	QU,TO	421	186	186.37	206.98	207.11
32S 31W 08BBB 01	2815.0	QU,TO	455	175	165.55	192.25	198.79
32S 31W 26CAA 01	2783.	QU,TO	453	180	182.90	205.30	209.41
32S 31W 31ACC 01	2778.	QU,TO	438	173	177.54		
32S 32W 14BBB 01	2830.	QU,TO	435	180	192.82	217.40	
32S 32W 19BAB 01	2854.	QU,TO	475	189	194.76	213.35	
32S 33W 12BCC 01	2865.0	QU,TO	435	183	184.74	207.00	209.73
32S 33W 21CDB 01	2697.		350	16	17.00	19.53	20.66
32S 34W 10DAA 01	2925.4	QU,TO	470	205	203.55	213.50	212.60
32S 34W 17DCC 01	2953.0		493	213	222.83	240.60	243.91
32S 34W 32BBB 01	2921.	QU,TO	491	159	154.30	169.10	177.09
33S 32W 28CDD 01	2630.	QU,TO	399	60		59.80	60.88
33S 32W 28CDD 02	2630.	QU,TO	399	60		56.20	57.07
33S 33W 12AAD 01	2626.	QU,TO	316	5	5.70	8.70	7.57
34S 31W 30BBB 01	2731.	QU,TO	671	208		208.75	208.96
34S 31W 30BBB 02	2731.	QU,TO	671	208		207.30	207.43
34S 32W 35ADA 01	2734.0	QU,TO				189.00	189.62
34S 33W 07CCB 01	2901.		575	140	126.77	129.65	130.22
34S 34W 16DAA 01	2943.	QU,TO	673	114	94.59	120.23	122.18
34S 34W 17DDD 01	2945.	QU,TO	425	105		114.50	115.10
35S 31W 18BBA 01	2707.0	QU,TO	497	187	181.98	176.89	172.14
35S 33W 16BCA 01	2838.	QU,TO	658	126	103.75	112.53	114.46
35S 34W 03CBC 01	2920.0						96.90
35S 34W 10BBB 01	2912.	QU,TO	647	90	80.38	70.15	71.61

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
STANTON COUNTY							
27S 39W 02888 01	3217.0	QU, TO	97	88	88.15	85.50	86.16
27S 39W 23ACC 02	3144.	QU, TO	370	45	79.20	166.71	171.24
27S 39W 2788A 01	3175.0	QU, TO	395	68	102.28	164.87	170.40
27S 39W 34000 01	3153.	QU, TO	404	54	114.20	223.04	224.57
27S 40W 210AA 01	3235.0	QU, TO	230	52	48.60	75.77	81.19
27S 40W 25CBC 01	3228.	QU, TO	328	73	85.85	132.80	140.06
27S 41W 31CCB 02	3402.	QU, TO	308	156	167.60	229.00	233.34
27S 41W 35CCC 01	3340.	QU, TO, KJ			135.05	158.57	160.51
27S 42W 110BD 01	3409.0	QU, TO	250	120	116.00		159.54
27S 42W 31CCC 01	3537.	QU, TO, KJ			193.20		
28S 39W 05888 02	3187.0	QU, TO	347	56	56.50	135.08	146.27
28S 39W 1488C 01	3158.0	QU, TO, KJ			97.10	128.54	132.30
28S 39W 318CC 01	3232.	QU, TO	437	91	122.60	186.52	
28S 39W 33ACC 01	3201.0	QU, TO	428	82	120.15	173.67	171.89
28S 39W 36ABB 01	3145.0	QU, TO	412	57	100.30	167.34	173.57
28S 40W 04CCC 01	3289.0	QU, TO	354	110	115.65	178.91	181.15
28S 40W 12000 02	3225.2	QU, TO	385	83	107.46	183.83	
28S 40W 23ACC 01	3254.0	QU, TO	404	103	120.20		177.76
28S 40W 32CCB 01	3320.	QU, TO	446	158	172.50	243.56	241.29
28S 41W 128BC 01	3313.0	QU, TO	323	119	129.50	174.63	
28S 41W 31800 01	3414.	QU, TO	280	155	146.00		165.95
28S 42W 08CCC 01	3539.0	QU, TO	300	199	233.90	254.04	254.79
28S 42W 3288B 01	3540.0	KJ			215.95	224.22	225.89
29S 39W 178CB 01	3239.	QU, TO	456	108	128.29	191.58	200.02
29S 39W 210BD 01	3183.0	QU, TO	413	62	82.68	139.65	
29S 39W 2400A 01	3154.0	QU, TO	449	62	80.08	130.60	133.50
29S 41W 13ACC 01	3344.	QU, TO	400	176	192.67	247.28	246.17
29S 41W 31CB0 01	3477.0	KJ			236.52		236.63
29S 42W 08CDC 01	3517.0	KJ			186.97	195.71	
29S 42W 110CD 01	3486.0	KJ			212.29	224.65	223.90
29S 42W 24CCC 01	3484.	QU, TO, KJ			221.26	202.85	
29S 43W 33C08 01	3654.0	KJ			119.83	115.80	115.25
30S 39W 02ABB 01	3177.	QU, TO	417	72	89.29		149.61
30S 39W 1888B 01	3238.	QU, TO, KJ			121.25	168.68	177.77
30S 39W 2388B 01	3179.0	QU, TO	404	72	89.50	139.22	147.98
30S 39W 320A 01	3226.0	QU, TO	247	104	116.85	160.95	168.86
30S 39W 36800 01	3181.	QU, TO	415	82	102.90	149.68	149.60
30S 40W 24CDC 01	3237.	QU, TO, KJ			115.30	151.08	163.91
30S 40W 33CCB 01	3309.	KJ			164.36	188.60	193.73
30S 41W 13CCC 01	3346.0	QU, TO	216	158	170.39		206.78

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
STANTON COUNTY -- CONTINUED							
30S 42W 12ACC 01	3457.	KJ			188.08	189.60	
30S 42W 168D8 01	3524.0	KJ			187.80	181.02	180.26
30S 43W 34888 01	3622.0	QU,TO	103	42	66.39	82.19	78.88
30S 43W 3688 01	3595.0	QU,TO,KJ			71.60	77.19	77.87

TABLE 1. HYDROLOGIC DATA, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
STEVENS COUNTY							
31S 35W 0788B 01	3017.	QU,TO	437	172	185.80	229.79	229.89
31S 35W 158AA 01	3009.	QU,TO	449	224	236.42	266.26	271.85
31S 35W 19CCC 01	3039.0	QU,TO	490	174	187.30	213.45	217.26
31S 35W 260CC 01	2988.0	QU,TO	447	213	230.24	263.31	266.74
31S 36W 02CDD 01	3019.	QU,TO	365	139	155.86	171.36	174.90
31S 36W 108AA 01	3056.	QU,TO	376	96	102.24	138.11	145.53
31S 36W 27BCB 01	3071.	QU,TO	461	136	137.34	167.46	174.05
31S 37W 098CC 01	3103.	QU,TO	403	108	130.15		172.63
31S 37W 228CC 01	3096.	QU,TO	440	106	128.39		176.16
31S 38W 17CDA 01	3170.	QU,TO	380	110	131.00	182.52	182.66
31S 39W 238BB 01	3199.	QU,TO	259	98	116.92	158.53	157.28
32S 35W 080DD 01	3012.0	QU,TO	502	130		146.56	148.16
32S 37W 04ACA 01	3141.	QU,TO	521	144	162.00	200.14	208.40
32S 37W 10DCC 01	3120.	QU,TO	540	127	136.45	155.91	157.47
32S 38W 06ACC 01	3150.0	QU,TO	320	60	55.64		59.54
32S 38W 11ADA 01	3159.	QU,TO	529	118	114.12	119.75	121.48
32S 38W 238DD 01	3175.	QU,TO	505	116	106.23	122.12	
32S 39W 0288B 01	3216.0	QU,TO	296	96	132.95	176.35	173.66
33S 36W 110DC 01	3020.0	QU,TO	475	101	102.53	122.79	122.30
33S 36W 260DD 01	3032.	QU,TO	422	121	118.73	136.46	137.14
33S 37W 098CC 01	3113.0	QU,TO	525	81		79.51	80.76
33S 37W 17CCC 01	3124.0	QU,TO	554	83	89.32	86.23	87.09
33S 37W 23CDB 01	3092.	QU,TO	562	87	83.85	95.85	95.85
33S 38W 06AAB 01	3203.0	QU,TO	378	93	94.67	91.76	91.33
33S 38W 10ACC 01	3166.	QU,TO	466	101	107.76	126.06	127.42
33S 38W 200DB 01	3191.0	QU,TO	456	106	124.95	143.26	145.44
34S 35W 078CC 01	3025.0	QU,TO	605	120	113.64	143.99	146.52
34S 35W 188CA 01	3035.0	QU,TO	667	130		145.56	144.13
34S 37W 08DAC 01	3162.	QU,TO	642	133	113.02	120.70	124.23
34S 37W 27ABC 01	3132.	QU,TO	532	125	105.80	110.95	110.75
34S 38W 02CDB 01	3197.0	QU,TO	577	139	136.00		151.91
34S 39W 02CCA 01	3248.	QU,TO	533	118	108.35	102.81	100.70
34S 39W 15CAD 01	3280.	QU,TO	510	141	141.73	136.30	136.34
35S 36W 01AAA 01	3022.0	QU,TO	590	120		111.53	112.50
35S 39W 10CAD 01	3302.	QU,TO	502	183	188.00	188.06	187.57

Table 1.--Hydrologic data, south-central Kansas

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
BARTON COUNTY							
18S 15W 2888C 01	1910.						17.54
19S 13W 088AD 01	1855.0			11		18.86	19.84
19S 13W 33DDB 01	1847.5	QA			4.40	8.04	8.78
19S 14W 0688B 01	1895.0						16.55
19S 14W 29DDB 01	1895.					25.20	26.51
20S 11W 06CCC 01	1788.0	QA		9	5.60	9.39	10.02
20S 11W 26AAC 01	1752.0	QU		3	1.60	9.67	9.97
20S 12W 03DAC 01	1799.0			2	1.30	6.54	7.15
20S 12W 23CCA 01	1814.0	QU		11	3.70	13.70	14.39
20S 13W 17DDC 01	1876.	QU		11	7.20	14.75	16.13
20S 13W 24DCB 01	1850.0	QU		12	9.60	17.86	19.14
20S 14W 13DDB 01	1880.			5	11.50	18.59	19.57
20S 14W 22DCB 01	1897.0			6	6.50	12.68	13.72
20S 15W 24D 01	1915.					12.85	13.70

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
EDWARDS COUNTY							
24S 16W 12CBC 01	2055.	QU		5	9.20	17.40	17.78
24S 16W 15DAC 01	2064.	QU		6	4.80	14.00	13.92
24S 17W 12ACA 01	2092.	QU		15	17.70	21.60	21.97
24S 17W 20ADC 01	2126.	QU		3	15.80	23.90	24.06
24S 17W 24UDD 01	2100.	QU		15	13.30	22.50	22.95
24S 18W 17ABD 01	2147.	QU		27	18.80		27.77
24S 18W 28DAC 01	2158.	QU		25	16.60	27.60	28.35
24S 18W 36DDC 01	2149.	QU		28	24.20	31.85	32.74
25S 16W 02BHB 01	2069.	QU		6	6.69	19.50	17.75
25S 16W 27AAC 01	2063.	QU		3	6.10	14.24	13.63
25S 16W 31DAD 02	2090.	QU		16	19.10		21.47
25S 17W 01DAB 01	2102.	QU		12	8.80	20.50	20.02
25S 17W 03BAC 01	2120.	QU	82	15	14.50	24.00	24.04
25S 17W 13BCD 01	2107.	QU	146	12	10.60	21.98	20.94
25S 17W 17AAC 01	2129.	QU	74	14	14.40	23.95	23.78
25S 17W 31BBD 01	2148.	QU		22	11.10	18.90	18.87
25S 18W 07ABD 01	2185.	QU		30	25.80	31.10	32.01
25S 18W 09AAA 01	2161.	QU	131	21	15.60	23.00	23.93
25S 18W 13BDB 01	2156.	QU		27	22.10	29.60	30.20
25S 18W 33CDC 01	2182.	QU		29	23.20	24.85	25.45
25S 19W 26DDB 01	2206.	QU		31	30.10	33.00	33.65
25S 19W 31CAA 01	2220.0	QU		17	15.20	17.90	18.03
26S 16W 10CCC 01	2065.	QU			3.80		9.29
26S 16W 31CCA 01	2110.	QU		25	19.60		28.60
26S 16W 34ABC 01	2079.	QU		25	6.80	19.56	17.53
26S 17W 04AAC 01	2146.	QU		44		23.40	23.88
26S 17W 14BAA 01	2109.	QU		16	20.70		20.75
26S 17W 18BBD 01	2151.	QU		28	18.50	23.50	23.90
26S 17W 33DDB 01	2127.	QU		22	12.40	19.80	19.61
26S 18W 15DCB 01	2174.	QU		33	22.00	24.70	25.80
26S 18W 31CCC 01	2215.			47	33.60	38.48	38.96
26S 18W 35ACC 01	2162.	QU		27	16.70		23.19
26S 19W 12ABH 02						42.70	44.65
26S 19W 16BCB 01	2231.	QU		35	29.40	32.00	33.17
26S 19W 23ABA 01	2216.	QU		39	30.50	32.70	33.44
26S 19W 34BBD 01	2232.	QU		36	30.80	33.40	33.49

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
KINGMAN COUNTY							
27S 05W 24CDC 01	1477.0	QU		14	12.60	17.09	16.68
27S 05W 33A88 02	1460.0	QU		25	4.00	8.87	4.18
27S 06W 12CCD 01	1488.0	QU		7	6.60	11.43	6.20
27S 06W 16CC8 01	1462.			1	.90	3.34	1.90
27S 07W 03ADC 01	1545.	QU		20	8.20	10.49	8.90
27S 07W 238CC 01	1567.0	QU	14		7.30	8.90	7.89
27S 08W 14DDC 01	1610.0	QU		2	.60	1.49	1.67
27S 08W 17DAB 01	1665.0	QU		45	34.40	35.50	35.44
27S 08W 35C8C 01	1610.0	QU		32	20.40	22.70	21.40
27S 09W 06D08 01	1727.0	QU		37	51.50		51.93
27S 09W 15A8A 01	1702.0	QU		50	49.80	49.33	48.55
27S 09W 20DDA 01	1690.0	QU		27	15.30		
27S 10W 03D0D 01	1743.0	QU		33	51.00	50.98	50.00
27S 10W 17D0D 01	1755.0	QU	171	77	61.90	61.94	61.71
27S 10W 24DA0 01	1692.0	QU		20	16.00		18.00
27S 10W 318CD 01	1708.0	QU		18	23.10	25.70	24.70
28S 07W 29C0D 01	1601.	QU		30	26.60	27.54	27.32
28S 07W 35CCD 01	1585.	QU		23	21.90	22.69	20.00
28S 08W 21888 01	1562.0	QU	49	1	2.30	2.78	2.30
28S 08W 26A8C 01	1652.0	QU		77	63.20	62.25	61.94
28S 09W 018CC 01	1580.0			15	7.50	8.35	7.20
28S 09W 21AAA 01	1666.0	QU	118	34	28.10	29.92	29.88
28S 09W 29CCC 01	1708.0	QU	107	30	52.70	34.34	34.20
28S 09W 34AA8 01	1690.0	QU		41	42.80	44.77	44.75
28S 10W 168C8 01	1756.0	QU		51	50.20	51.20	51.07

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
KIOWA COUNTY							
27S 16W 10BAC 01	2088.	QU	219	28	12.10	21.80	21.87
27S 16W 198BD 01	2112.	QU		37	20.30	28.51	28.68
27S 16W 28CDD 01	2120.	QU		65	56.70	60.20	61.51
27S 17W 21ACC 01	2140.0	QU		39	24.40	31.50	32.13
27S 18W 13AAA 01	2152.	QU		24	15.60	18.88	21.25
27S 18W 18DCD 01	2192.0	QU	182	26	15.70	15.74	15.68
27S 18W 22ADC 01	2175.	QU		29	14.10	21.50	21.01
27S 19W 16DBD 01	2249.	QU		50	45.20		48.47
27S 19W 28CBD 01	2262.	QU		60	67.90	70.12	70.14
27S 20W 128CD 01	2272.	QU		47	40.10	39.48	39.22
27S 20W 26ABD 01	2274.	QU	182	38	40.60	43.22	42.20
27S 20W 32ABD 01	2308.	QU		36	45.20	44.43	44.45
28S 16W 128CA 01	2111.	QU		92	101.00	96.67	98.45
28S 16W 17AAC 01	2165.	QU		120	118.00	119.35	119.85
28S 17W 01CAB 01	2135.	QU		65	55.60	56.75	57.05
28S 17W 050DB 01	2163.	QU	182	65	62.00	56.36	56.30
28S 17W 150DB 01	2178.	QU		105	96.00	94.74	95.25
28S 18W 098AC 01	2221.	QU		66	61.70	61.87	61.95
28S 18W 19CCB 01	2268.	QU		103	88.00	86.43	86.94
28S 18W 26DCA 01	2231.	QU		119	119.00	117.80	117.96
28S 19W 10CAU 01	2259.	QU	182	71	64.60	63.85	64.14
28S 19W 30CBC 01	2335.	QU		116	115.00	113.36	113.06
28S 19W 33C8D 01	2325.	QU		133	134.00	133.40	133.48
28S 20W 128BD 01	2288.0	QU		64	55.70	55.11	55.38
28S 20W 16ACB 01	2322.	QU		63	58.60	57.84	57.94
28S 20W 30ACA 01	2319.	QU	182	32	39.40	37.58	40.90
29S 17W 04ABC 01	2125.	QU				51.55	51.69
29S 18W 03DCD 01	2271.	QU				151.03	151.03
29S 18W 078BD 01	2311.	QU				156.54	154.05
29S 19W 22BAA 01	2340.	QU				156.75	156.50
29S 20W 11CDD 01	2398.	QU				167.22	167.02

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
PAWNEE COUNTY							
21S 15W 11C88 01	1932.0	QA		3	4.90	9.57	9.39
21S 15W 2488D 01	1944.0	QU		8	5.10	16.75	17.80
21S 15W 318AD 01	1972.0	QU		8	10.30	16.59	16.59
21S 18W 32DAA 01	2056.0	QA		19		30.65	28.47
21S 19W 27CCC 01	2076.7			23		41.24	41.17
21S 19W 308CC 01	2087.0			29		44.26	42.93
21S 20W 2988B 01	2104.0			24		44.70	43.16
22S 15W 03AAA 02	1970.0	QU	207			24.15	25.71
22S 15W 13DCA 01	1976.0	QU		29	17.50	29.18	30.84
22S 15W 20CDC 01	2004.0	QU		26	15.60	24.82	25.65
22S 16W 03CBC 02	1996.0	QA		8	9.40	13.63	13.89
22S 16W 068BA 01		QA				18.08	17.06
22S 16W 23AAA 01	2011.0	QU		24	21.80	30.63	31.90
22S 16W 288BD 01	2044.0	QU	130	26	17.00	27.12	29.00
22S 17W 058BC 01	2036.0			15		26.21	22.88
22S 17W 12C88 01	2022.0						
22S 17W 18AAD 01	2047.0	QU				37.19	35.46
22S 17W 24CBC 01	2034.0	QA		12	5.60		9.82
22S 19W 108BA 01	2087.0					52.20	54.08
23S 15W 180DB 01	2035.0	QU		8	20.70		28.71
23S 16W 168AB 01	2048.0	QU		13	8.10	16.33	16.09
23S 16W 35CCD 01	2057.0				12.60	20.35	
23S 17W 10CDB 01	2091.0	QU		29	25.40	32.19	33.34
23S 17W 25ADC 01	2076.0	QU		11	12.70	18.80	18.98
23S 17W 33CCA 01	2109.0	QU		22		24.28	24.57
23S 18W 28DAD 01	2102.0	QU	51	5	6.30		9.45
23S 18W 36DAC 01	2116.0	QU		21			22.65

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
PRATT COUNTY							
26S 11W 01D08 01	1801.0	QU	207	23	23.50	24.60	23.25
26S 11W 27AAC 01	1808.0	QU			23.10		
26S 12W 02D8D 01	1868.0	QU		27	27.40	28.94	27.75
26S 12W 17CCA 01	1906.0	QU		37	34.10		35.45
26S 12W 34CDC 01	1884.0	QU		46	43.20	47.28	44.20
26S 13W 11AAC 01	1900.0	QU		8	8.40	16.37	14.90
26S 13W 16DAA 01	1929.0	QU		20	15.60	22.98	21.95
26S 13W 1988D 01	1953.0	QU		18	14.40	22.47	22.29
26S 13W 34BC8 01	1950.0	QU		44	46.70	50.21	50.70
26S 14W 11AAC 02	1979.0	QU		9	11.90	5.55	4.60
26S 14W 17DCB 01	2010.0	QU		10	16.50	21.72	22.20
26S 14W 22D0B 01	1983.0	QU		14	13.20	23.25	23.80
26S 14W 3288D 01	2010.0	QU		18	15.80	23.76	23.05
26S 15W 08AAC 01	2050.0						20.00
26S 15W 18DAB 01	2050.0	QU		11	4.80	13.82	12.90
26S 15W 35D0B 01	2042.0	QU	99	31	21.10	27.85	28.40
27S 11W 12CBC 01	1783.0	QU		51	46.30	46.28	45.75
27S 11W 31DAA 01	1726.0	QA		8	2.70	4.44	3.50
27S 12W 33CBA 01	1777.0	QU		3	1.20	2.72	2.65
27S 13W 10CBB 01	1945.0	QU		45	53.00	54.38	54.50
27S 13W 13D0C 01	1897.0	QU	220	72	57.00	58.73	58.65
27S 13W 31D0B 01	1878.0	QU		6	3.70	4.02	3.20
27S 14W 03DAC 01							40.80
27S 14W 12D0D 01	1983.0	QU		53	57.70	59.19	60.40
27S 14W 21CAB 01	1998.0	QU		39	34.20	37.34	33.30
27S 15W 0888D 01	2059.0	QU	200	30	13.20	24.20	23.90
27S 15W 32CCA 01	2068.0	QU				47.08	47.76
27S 15W 3488D 01	2071.0	QU		66	65.30	67.50	70.50
27S 15W 36ADD 01	2050.0	QU		75	73.70		71.70
28S 11W 12ACC 01	1755.0	QU		36	32.10	34.30	34.00
28S 11W 20CAC 01							69.35
28S 11W 23DAC 01	1757.0	QU		12	8.50	8.40	10.40
28S 12W 21BAD 01	1882.0	QU		83	81.80		82.65
28S 13W 02D0C 01	1827.0	QU		9	8.10	10.47	9.05
28S 13W 17AAA 01	1938.0	QU		72	72.00	70.57	70.42
28S 13W 26DCB 01	1916.0	QU			91.00	90.50	90.95
28S 14W 14CCC 01	1984.0	QU		80	76.90	78.90	77.80
28S 15W 10CCA 01	2077.0	QU		85	94.60	99.20	99.80
28S 15W 23CCD 01	2071.0	QU		109	108.00	105.61	105.85
29S 11W 09ADD 01	1830.0	QU		55	48.90	54.05	54.20

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
PRATT COUNTY -- CONTINUED							
29S 11W 29AAD 01	1849.0	QU		63	57.40	62.14	62.40
29S 12W 20CCD 01	1907.0	QU		95	98.40		106.65
29S 12W 228AC 01	1868.0	QU		66	65.60	66.20	66.64
29S 13W 13AAA 01	1917.0	QU		89	89.10	89.46	89.60
29S 13W 31CAA 01	1893.0	QU		31	30.60	29.03	
29S 14W 16088 01	2017.0	QU		122	111.00		
29S 14W 1708D 01							99.70
29S 15W 02CCA 01	2035.0	QU			85.20	85.32	87.30
29S 15W 18ADA 01	2050.0	QU		78	86.00	86.84	85.60

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
RENO COUNTY							
22S 07W 17DCB 01	1596.0	QU				3.39	
22S 08W 23DAD 01	1651.0	QU			29.30	29.30	31.07
22S 08W 33CCD 01	1658.0	QU			4.20	5.70	5.87
22S 09W 03BBD 01	1712.0	QU		20	29.10	34.38	33.42
22S 09W 17BAB 01	1732.0	QU		10	9.80	8.60	17.72
22S 09W 25BBA 01	1705.0	QU			18.90	20.97	20.46
22S 10W 02DCC 01	1736.0	QU		12	1.60	9.21	8.79
22S 10W 08BBD 01	1764.0	QU		6	5.90	15.10	14.11
22S 10W 30DAA 01	1775.0	QU		10	3.90	11.58	8.45
23S 05W 31BBD 01	1515.0	QA		5	4.80	6.91	5.70
23S 06W 31DCB 01	1577.0	QU		27	32.40	31.70	31.41
23S 07W 01ABA 01	1567.0	QU		7	5.30	6.62	7.00
23S 07W 05ABA 01	1623.0	QU		20	22.50	25.37	24.98
23S 07W 13DDD 01	1604.0	QU		49	52.80	53.21	52.74
23S 07W 17B8C 01	1615.0	QU		10	10.30	12.36	12.63
23S 07W 26B8B 01	1607.0	QU		37	40.30	39.27	39.02
23S 08W 18AAD 01	1675.0	QU		15	10.50	16.67	12.99
23S 09W 05C8D 01	1740.0	QU		9	12.00	18.15	16.55
23S 09W 21DDB 01	1732.0	QU		7	3.20	12.52	
23S 09W 35CCC 01	1718.0	QU	110	10	13.60	21.17	15.59
23S 10W 02ABB 01	1751.0	QU		7	3.00	5.37	6.11
23S 10W 07CAD 01	1780.0	QU		5	2.10	6.18	5.30
23S 10W 25CAC 01	1752.0	QU		18	4.50	13.00	10.02
24S 05W 18ABD 01	1544.0	QU		29	31.80	33.17	33.09
24S 06W 30C8C 01	1550.0	QU		10	7.70	10.41	7.35
24S 07W 08ADA 01	1636.0	QU		34	48.70	50.71	47.00
24S 07W 28AAA 01	1588.0	QU		13	14.10	13.10	11.46
24S 08W 04AB 01							13.27
24S 08W 18BAC 01	1649.0	QU			2.50	2.51	3.35
24S 08W 34DAC 01	1590.0	QU			6.40	8.78	5.71
24S 09W 19DDB 01	1704.0	QU		17	21.90	23.56	22.20
24S 10W 06D8B 01	1797.0	QU		17	17.90	22.85	21.23
24S 10W 17DDC 01	1755.0	QU		9	11.80	16.51	14.69
25S 07W 07BBD 01	1602.0	QU			24.30	24.77	23.23
25S 07W 36CCC 01	1570.0	QU			24.50	28.01	25.97
25S 08W 19ADB 01	1607.0	QU			7.30	9.47	7.73
25S 09W 01DCC 01	1658.0	QU		10	12.80	14.31	13.76
25S 09W 01DCD 01	1655.0						
25S 09W 17B8C 01	1710.0	QU		7	12.60	15.39	14.07
25S 09W 30DDA 01	1693.0	QU		15	16.00	15.49	17.02

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
RENO COUNTY -- CONTINUED							
25S 10W 148BB 01	1748.0	QU	115	25	24.90	25.90	25.30
25S 10W 19ABD 01	1790.0	QU		33	27.90	25.91	28.00
26S 06W 138AB 01	1475.0	QU			7.20	9.86	6.82
26S 06W 19DCD 01	1575.0	QU			24.80	25.86	25.83
26S 06W 348BC 01	1545.0	QU			17.60	18.09	18.09
26S 07W 120CC 01	1582.0	QU			30.60	32.03	31.38
26S 07W 210UC 01	1620.0	QU			21.50	24.40	23.45
26S 08W 09ABA 01	1569.0	QU				7.04	6.74
26S 08W 26CBA 02	1610.0	QU			3.20		2.88
26S 08W 300CB 01	1680.0	QU			32.50	35.06	33.78
26S 09W 100DB 01	1686.0	QU		26	19.80	20.70	22.10
26S 09W 18AAA 01	1668.0	QU		17	8.30	8.59	6.61
26S 09W 340BD 01	1685.0	QU		25	25.30		25.64
26S 10W 18COC 01	1797.0	QU		13	24.60	24.69	24.23
26S 10W 328BD 01	1760.0	QU		5	24.50	26.87	24.52

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
RICE COUNTY							
20S 08W 22AAA 01						12.50	14.15
20S 10W 36ADC 01	1715.0			10		13.41	13.43
21S 07W 04AAC 01	1615.0			14		12.63	12.86
21S 07W 26CBD 01	1595.0			10		9.85	8.67
21S 08W 09CBD 01	1647.0			9		10.32	9.47
21S 08W 25AB 01	1620.0			7		4.13	3.26
21S 09W 02DD 01	1670.0			9		12.44	12.13
21S 09W 31AAC 01	1705.0	QA		13	14.80	14.61	11.75
21S 10W 21ADB 01	1720.0	QU		5	2.00	8.86	8.74

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
STAFFORD COUNTY							
21S 12W 10CDD 01	1845.0	QU		24	4.90	22.32	23.73
21S 13W 01BCB 01	1857.0	QU		9	3.70	13.44	14.88
21S 13W 13ADB 01	1866.0	QU		18	5.90	14.90	16.33
21S 13W 27DDD 02	1877.0	QU		11	.60	7.50	8.54
21S 14W 22AAC 01	1926.0	QU		16	4.80	15.83	17.55
21S 14W 32BAC 01	1949.0	QU		22	16.20	22.45	24.30
22S 11W 0788B 01	1785.0	QU	54	10	3.30	4.96	4.84
22S 12W 0588D 01	1870.0	QU		21	8.90	17.12	18.58
22S 12W 3088D 01	1872.0	QU		13	7.00	15.13	16.04
22S 12W 3688B 02	1827.0	QU	146		.70	5.05	4.06
22S 13W 05C8C 01	1905.0	QU		6	3.10	13.17	15.03
22S 13W 12CAC 01	1885.0	QU		20	8.60	18.25	19.55
22S 13W 29UAD 01	1902.0	QU		17	5.20	15.98	14.63
22S 14W 07AAC 01	1957.0	QU		22	9.10	21.10	25.46
22S 14W 14CCA 01	1930.0	QU		12	.80	15.64	17.49
22S 14W 2988A 01	1953.0	QU		15	5.10	17.27	19.27
22S 14W 35DDB 01	1930.0	QU		20	11.10	22.95	24.61
23S 11W 0288B 01	1789.0	QU	125		1.00	3.05	1.07
23S 11W 228CC 01	1802.0	QU		5	17.40	23.03	22.18
23S 12W 07D8D 01	1859.0	QU		1	.50	8.23	8.35
23S 12W 228CC 01	1853.0	QU		4	5.40	22.53	14.65
23S 12W 3688C 01	1849.0	QU		8	11.70	17.13	17.20
23S 13W 16CCA 01	1886.0	QU		14	8.90	13.15	12.93
23S 13W 30C8B 01	1906.0	QU		11	7.90	11.49	11.63
23S 13W 35CCA 01	1897.0	QU		19	7.30	16.58	17.53
23S 14W 15ADD 01	1927.0	QU		7	3.30	7.66	7.83
23S 14W 3088B 01	1988.0	QU		24	34.40	34.79	36.20
24S 11W 14CAB 01	1813.0	QU		24	30.00	31.91	30.99
24S 11W 17DDB 01	1833.0	QU		23	22.80	23.42	23.00
24S 12W 17CAB 01	1893.0	QU		22	16.80	25.51	26.59
24S 12W 34ABC 01	1880.0	QU		29	20.00	22.56	22.73
24S 13W 07BDC 01	1925.0	QU		22	15.90	20.19	20.43
24S 13W 16ACA 01	1915.0	QU		18	8.60	17.51	18.56
24S 13W 308CB 01	1936.0	QU		7	7.60	12.80	
24S 14W 17AAC 01	1982.0	QU		27	21.70	27.62	28.34
24S 14W 3188D 01	1998.0	QU		23	7.80	18.74	19.64
24S 15W 08CUC 01	2034.0	QU		12	6.80	12.98	13.46
24S 15W 108AB 01	2024.0	QU		24	14.60	22.44	23.44
24S 15W 32D8C 01	2044.0	QU		21	9.90	21.22	21.20
25S 11W 02ACB 01	1770.0	QU		10	10.30	11.83	10.63

TABLE 1. HYDROLOGIC DATA, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)
STAFFORD COUNTY -- CONTINUED							
25S 11W 2300D 01	1796.0	QU		13	12.90	17.24	14.76
25S 12W 17CAA 01	1892.0	QU		19	16.20	25.71	25.27
25S 12W 2400B 01	1840.0	QU		17	10.20	13.69	12.64
25S 12W 32CCA 01	1876.0	QU		9	1.20	4.89	3.45
25S 13W 0388B 01	1932.0	QU		18	8.30	18.25	19.43
25S 13W 07B 01							18.82
25S 13W 12ADB 01	1920.0	QU		23	23.40	31.57	32.19
25S 13W 30CCA 01	1965.0	QU		21	7.20	18.65	17.84
25S 13W 330CB 01	1930.0	QU		10	1.80		8.33
25S 14W 04AAD 01	1969.0	QU		24	9.20	13.45	13.69
25S 14W 30CDB 01	2004.0	QU		14	7.20	10.24	
25S 15W 118CB 01	2020.0	QU		16	11.70	14.00	13.70
25S 15W 2988D 01	2034.0	QU		16	4.30	10.60	9.66

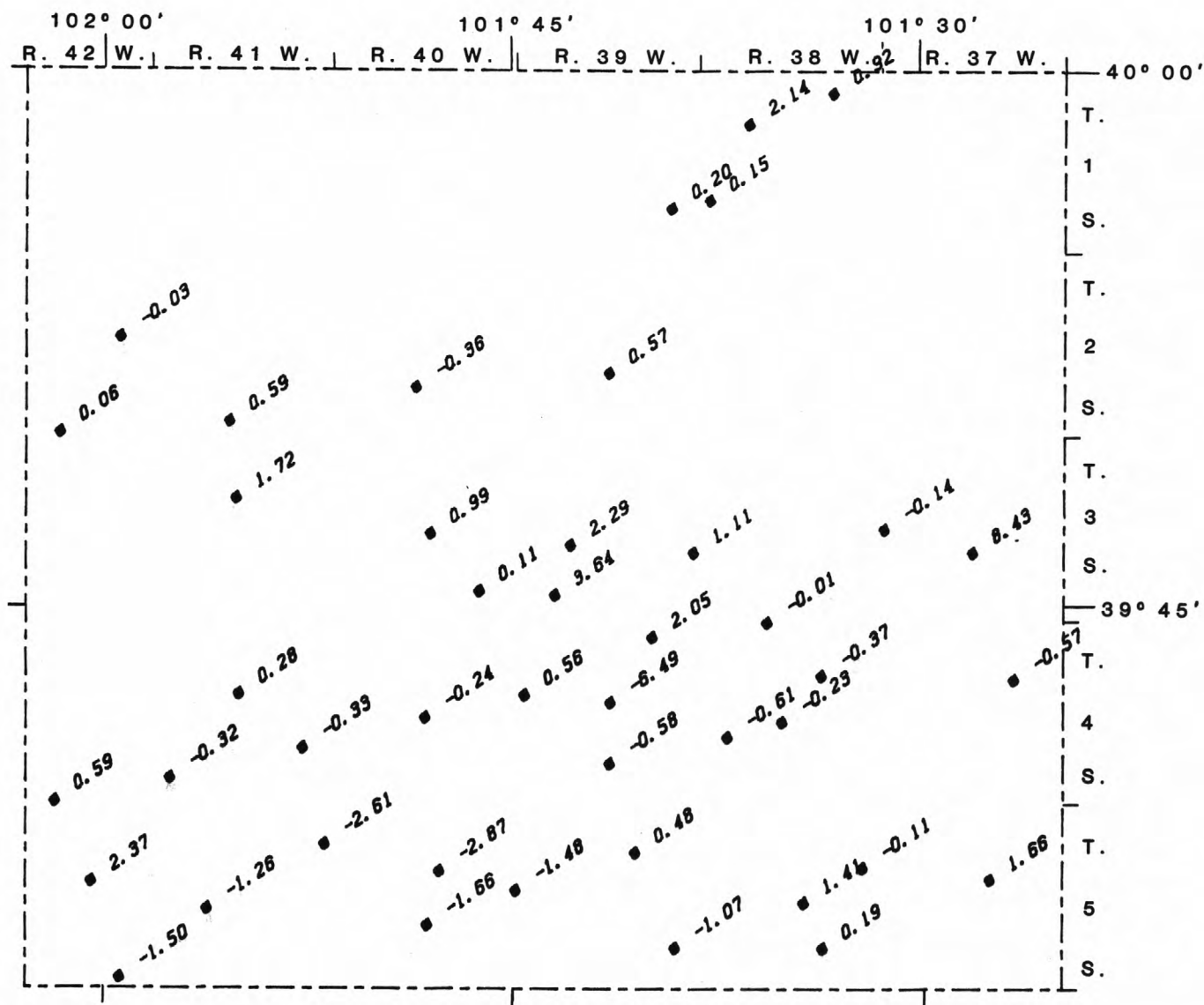
Table 2.--Changes in water level and saturated thickness, accompanied by county maps showing locations of observation wells and 1979-80 water-level changes, northwestern Kansas

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
CHEYENNE COUNTY										
01S 38W 02CDC 01	QA	25.07	.92	-2.47	-2.07	-.17	-.06	15	18	-11
01S 38W 080CC 01	QA	13.80	2.14		-1.80		-.06	19	21	-8
01S 38W 30BDC 01	QA	10.05	.15	-2.02	-3.05	-.14	-.10	17	21	-14
01S 39W 25CBC 01	QA	10.20	.20	-1.63	-3.20	-.11	-.10	15	19	-16
02S 39W 27BHB 01	QA	18.49	.57	-.66	-.49	-.04	-.01	9	10	-4
02S 40W 28DBA 01	TO	113.18	-.36	-.59	-1.18	-.04	-.03	26	28	-4
02S 41W 27BBD 01	TO									
02S 41W 33UBC 01	TO	237.85	.59	-2.61	-2.85	-.18	-.09	50	53	-5
02S 42W 14DDD 01	TO	232.50	-.03	-.67	-.50	-.04	-.01	15	16	-3
03S 37W 19BHC 01	TO	229.44	-.14	-9.57	-14.44	-.68	-.48	95	110	-13
03S 37W 21DDD 01	TO	217.50	8.43		-23.50		-.78	94	118	-19
03S 37W 36ADB 01	TO									
03S 39W 20DAC 01	TO	141.85	2.29	-1.38	-11.85	-.09	-.39	57	69	-17
03S 39W 24DDD 01	TO	218.63	1.11		-13.63		-.45	56	70	-19
03S 39W 32BDB 01	TO	153.20	3.64	.40	-3.20	.02	-.10	69	73	-4
03S 40W 09BAA 02	QA, TO									
03S 40W 22BCA 01	QA	6.09	.99	.67	.91	.04	.03	11	11	8
03S 40W 28CBB 01	QA									
03S 40W 35AAC 01	TO	100.90	.11	-4.73	-5.90	-.33	-.19	43	49	-12
03S 41W 16AAC 01	TO	133.95	1.72	2.25	2.05	.16	.06	40	38	5
03S 42W 04AAA 01	TO	230.77	.06		-.77		-.02	24	25	-3
04S 37W 14BAB 01	TO	200.20	-.57		-23.20		-.77	104	128	-18
04S 37W 17AAC 01	TO	195.30		-7.40	-8.30	-.52	-.27	129	138	-6
04S 37W 25DCA 01	TO	150.25		-8.75	-3.25	-.62	-.10	133	137	-2
04S 38W 04BAC 01	TO	213.55	-.01	-6.55	-6.55	-.46	-.21	113	120	-5
04S 38W 11CCC 01	TO	198.12	-.37	-3.12	-3.12	-.22	-.10	138	142	-2
04S 38W 20CCC 01	TO	155.24	-.61	-5.67	-4.24	-.40	-.14	141	146	-2
04S 38W 21AUC 01	TO	183.22	-.23	4.78	-5.22	.34	-.17	132	138	-3
04S 39W 02UBC 01	TO	200.78	2.05	-4.33	-8.78	-.30	-.29	107	116	-7
04S 39W 15CCA 01	TO	148.00	-6.49	-5.06	-12.00	-.36	-.40	127	139	-8
04S 39W 18CAB 01	TO	156.95	.56	-.22	-3.95	-.01	-.13	112	116	-3
04S 39W 27CCA 01	TO	135.59	-.58	-6.10	-5.59	-.43	-.18	129	135	-4
04S 40W 22BCB 01	TO	125.08	-.24	-1.18	-2.08	-.08	-.06	89	92	-2
04S 41W 16DAA 01	QA	15.99	.28	-1.75	-2.99	-.12	-.09	22	25	-11
04S 41W 25RCB 01	TO	141.89	-.33	-2.25	-.89	-.16	-.02	69	70	-1
04S 41W 31ACA 01	TO	97.89	-.32	-3.87	-3.89	-.27	-.12	44	48	-8
04S 42W 26BDB 01	QA, TO	18.78		3.37	-.78	.24	-.02	37	38	-2
05S 37W 15UBB 01	TO	151.06	1.66	-14.66	-14.06	-1.04	-.46	145	160	-8
05S 38W 13BAD 01	TO	77.71	-.11	-5.15	-3.71	-.36	-.12	142	146	-2
05S 38W 22ACH 01	TO	96.94	1.41	-6.34	-6.94	-.45	-.23	173	180	-3

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

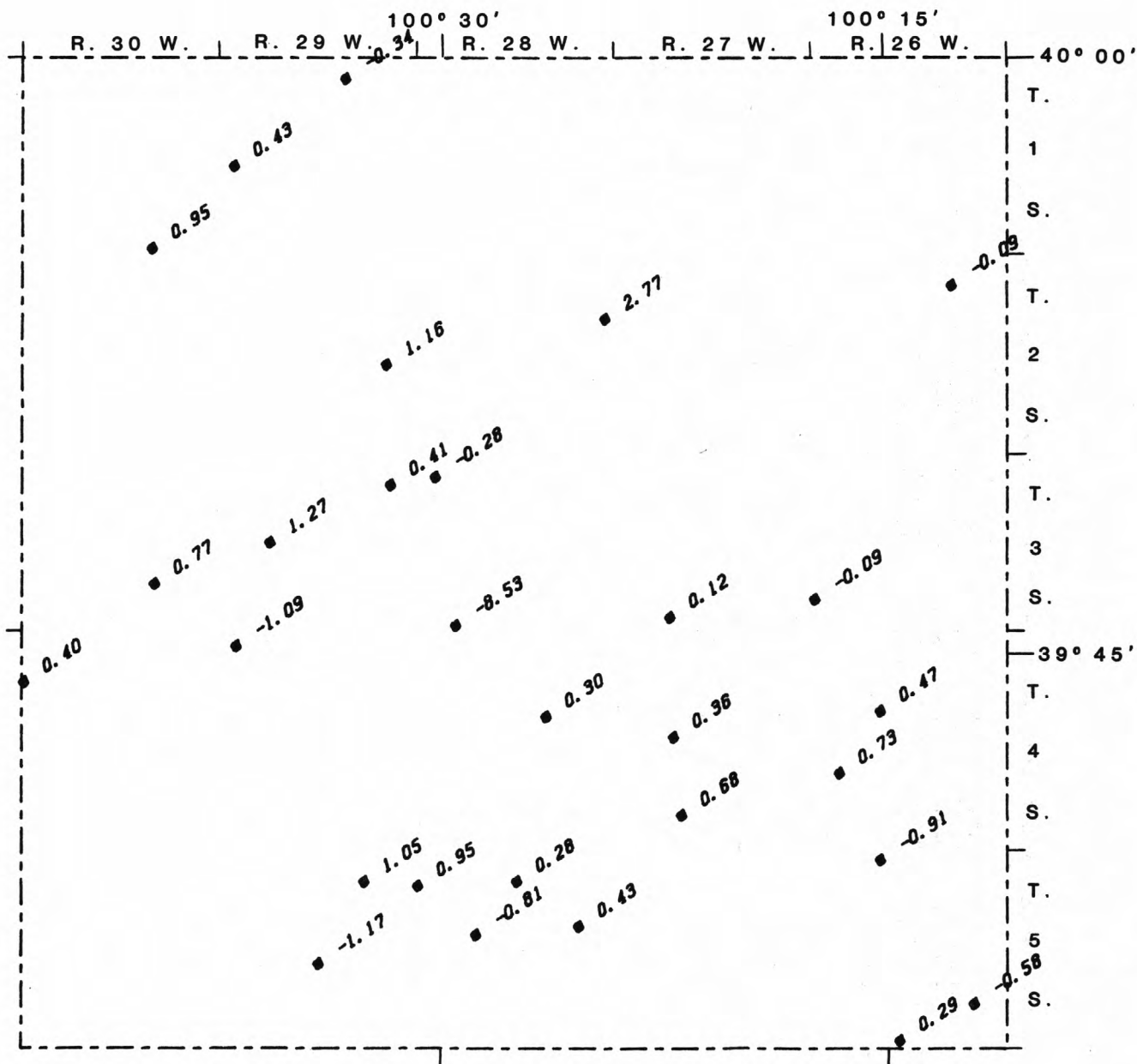
WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
CHEYENNE COUNTY -- CONTINUED										
05S 38W 26CCA 01	TO	118.42	.19	-6.72	-6.42	-.48	-.21	166	173	-3
05S 39W 08CCC 01	TO									
05S 39W 11CBC 01	TO	149.86	.48	-9.76	-9.86	-.69	-.32	141	151	-6
05S 39W 18CCC 01	TO	219.75	-1.48		-34.75		-1.15	105	140	-24
05S 39W 25COA 01	TO	131.45	-1.07	-6.40	-4.45	-.45	-.14	163	168	-2
05S 40W 04C8D 01	TO									
05S 40W 14BCD 01	TO									
05S 40W 15ACB 01	TO	219.60	-2.87	-30.50	-29.60	-2.17	-.98	112	142	-20
05S 40W 2788A 01	TO	205.70	-1.66		-32.70		-1.09	121	154	-21
05S 41W 12ADC 01	TO	212.40	-2.61	-14.10	-14.40	-1.00	-.48	100	115	-12
05S 41W 20DAA 01	TO	226.22	-1.26	-14.54	-19.22	-1.03	-.64	82	102	-18
05S 42W 04AAB 01	QA, TO	18.24	.59	-2.08	-3.24	-.14	-.10	66	70	-4
05S 42W 14CBC 01	TO	153.63	2.37	-6.13	-8.63	-.43	-.28	61	70	-12
05S 42W 36CCB 01	TO	213.00	-1.50	-9.40	-13.00	-.67	-.43	92	105	-12



WATER-LEVEL CHANGE IN CHEYENNE COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
DECATUR COUNTY										
01S 26W 180DB 01	QA									
01S 29W 030DB 01	QA	30.87	-.34	-7.81	-7.87	-.55	-.26	14	22	-35
01S 29W 198DD 01	QA	22.65	.43	-11.68	-12.65	-.83	-.42	30	43	-29
01S 30W 340DD 01	QA	34.06	.95	-12.52	-14.06	-.89	-.46	25	40	-35
02S 26W 118BA 01	TO	86.01	-.09	1.34	-1.01	.09	-.03	23	25	-4
02S 28W 13ABA 01		27.92	2.77	-1.69	-.92	-.12	-.03	30	31	-2
02S 29W 24HCC 01	TO	94.40	1.16	2.23	5.60	.15	.18	29	24	23
02S 30W 26DCC 01	TO									
03S 26W 30C8B 02	TO	126.09	-.09	-6.64	-7.09	-.47	-.23	15	23	-30
03S 27W 32ABA 01	TO	73.49	.12	1.34	.51	.09	.01	46	46	1
03S 28W 06DCB 01	QA	43.70	-.28	-18.09	-9.70	-1.29	-.32	11	21	-46
03S 28W 32BCA 01	TC	141.10	-8.53	-7.42	-8.10	-.53	-.27	38	47	-17
03S 29W 128BA 01	QA	30.77	.41	-5.87	-4.77	-.41	-.15	24	29	-16
03S 29W 17DCB 01	QA, TO	24.19	1.27	-4.14	-5.19	-.29	-.17	25	31	-16
03S 29W 31DCC 01	QA	25.86	-1.09	-5.51	-5.86	-.39	-.19	12	18	-32
03S 30W 03CBA 01	TO									
03S 30W 268BB 01	QA	11.46	.77	-1.26	-4.46	-.09	-.14	37	42	-10
04S 26W 080DD 01	QA	29.66	.47	-.93	-3.66	-.06	-.12	40	44	-8
04S 26W 19DCA 01	QA	18.22	.73	-4.14	-4.22	-.29	-.14	18	23	-18
04S 27W 17DAC 01	TO	104.97	.36	-1.15	.03	-.08		57	57	
04S 27W 338BB 01	QA	18.09	.68	-2.01	-5.09	-.14	-.16	35	41	-12
04S 28W 15AAA 01	TO	92.36	.30	1.75	-.36	.12	-.01	37	38	
04S 28W 300DD 01	TO									
04S 30W 078BB 01	QA	13.77	.40	-6.38	-6.77	-.45	-.22	7	14	-48
05S 26W 05ADD 01	TO	128.49	-.91	.44	-.49	.03	-.01	41	42	-1
05S 26W 26DDA 01	QA	23.68	-.58	-1.25	2.32	-.08	.07	50	48	4
05S 26W 33UCC 01	QA	18.17	.29	.05	1.83		.06	41	40	4
05S 27W 21CCA 01	TO	103.85		.38	-.85	.02	-.02			
05S 28W 078BC 01	QA	18.27	.95	1.67	.73	.11	.02	33	33	2
05S 28W 108BB 01	QA	10.94	.28	-2.90	1.06	-.20	.03	36	35	3
05S 28W 14ADD 01	TO	134.02	.43	1.04	-1.02	.07	-.03	25	27	-3
05S 28W 17DAC 01	TO	102.22	-.81	.08	-.22			21	22	-1
05S 29W 118AA 01	QA	11.74	1.05	.65	-1.74	.04	-.05	30	32	-5
05S 29W 22C6B 01	QA	14.50	-1.17	-1.89	-3.50	-.13	-.11	31	35	-10
05S 30W 358CB 01	TO	117.60		-5.98	-5.60	-.42	-.18	82	88	-6



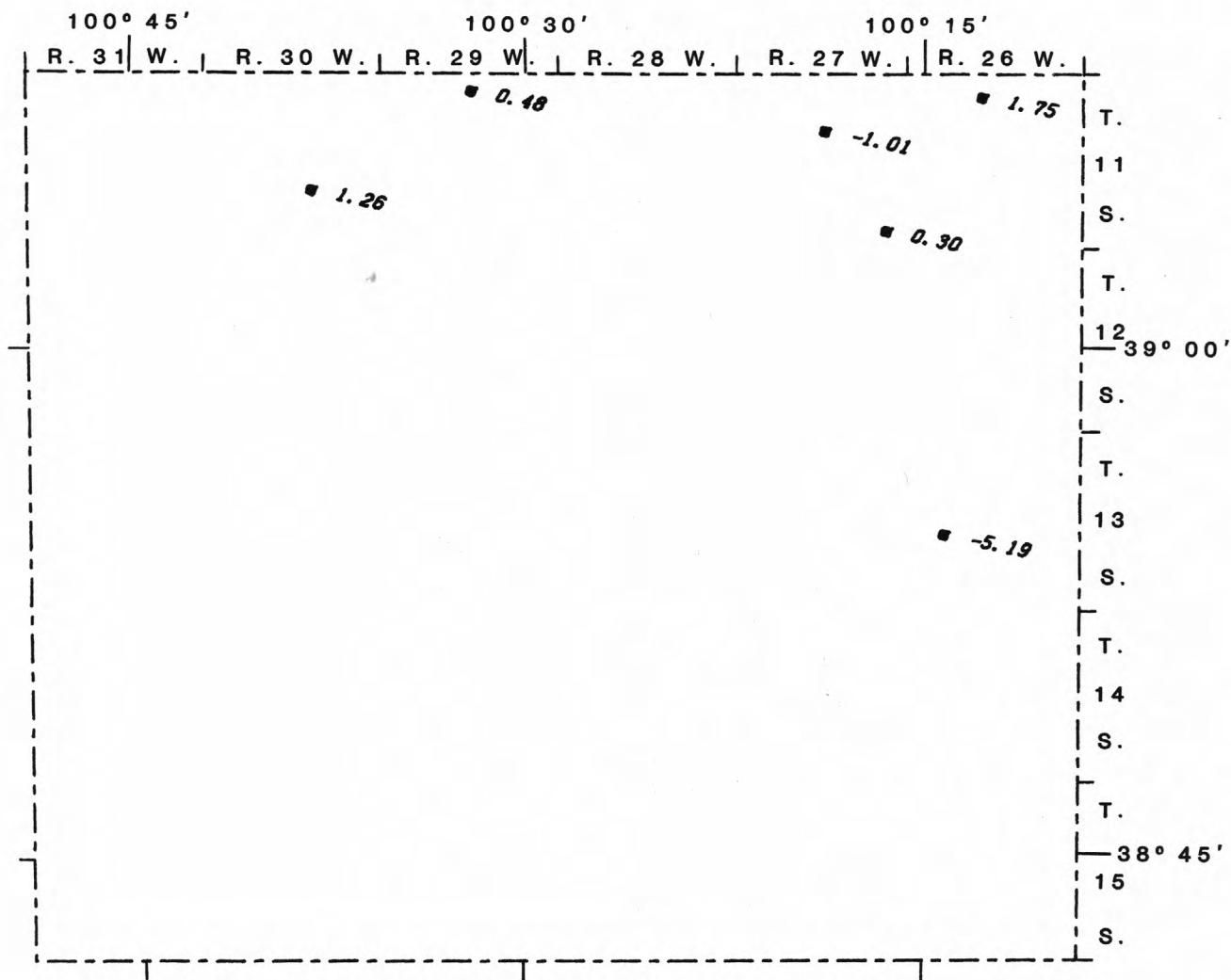
LAMBERT CONFORMAL CONIC PROJECTION

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WATER-LEVEL CHANGE IN DECATUR COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
GOVE COUNTY										
11S 26W 04CDC 01	TO	64.10	1.75	-4.10	-2.10	-.29	-.07	125	128	-1
11S 27W 16AAA 01	TO	106.51	-1.01	-12.36	-11.51	-.88	-.38	73	85	-13
11S 27W 36BCC 01	TO	77.75	.30					62		
11S 29W 04DAD 01	TO	111.86	.48		-2.86		-.09	58	61	-4
11S 30W 27ABB 01	TO	128.14	1.26		-11.14		-.37	36	48	-23
13S 26W 20C8C 01	QA	13.05	-5.19	-1.87		-.13		29		



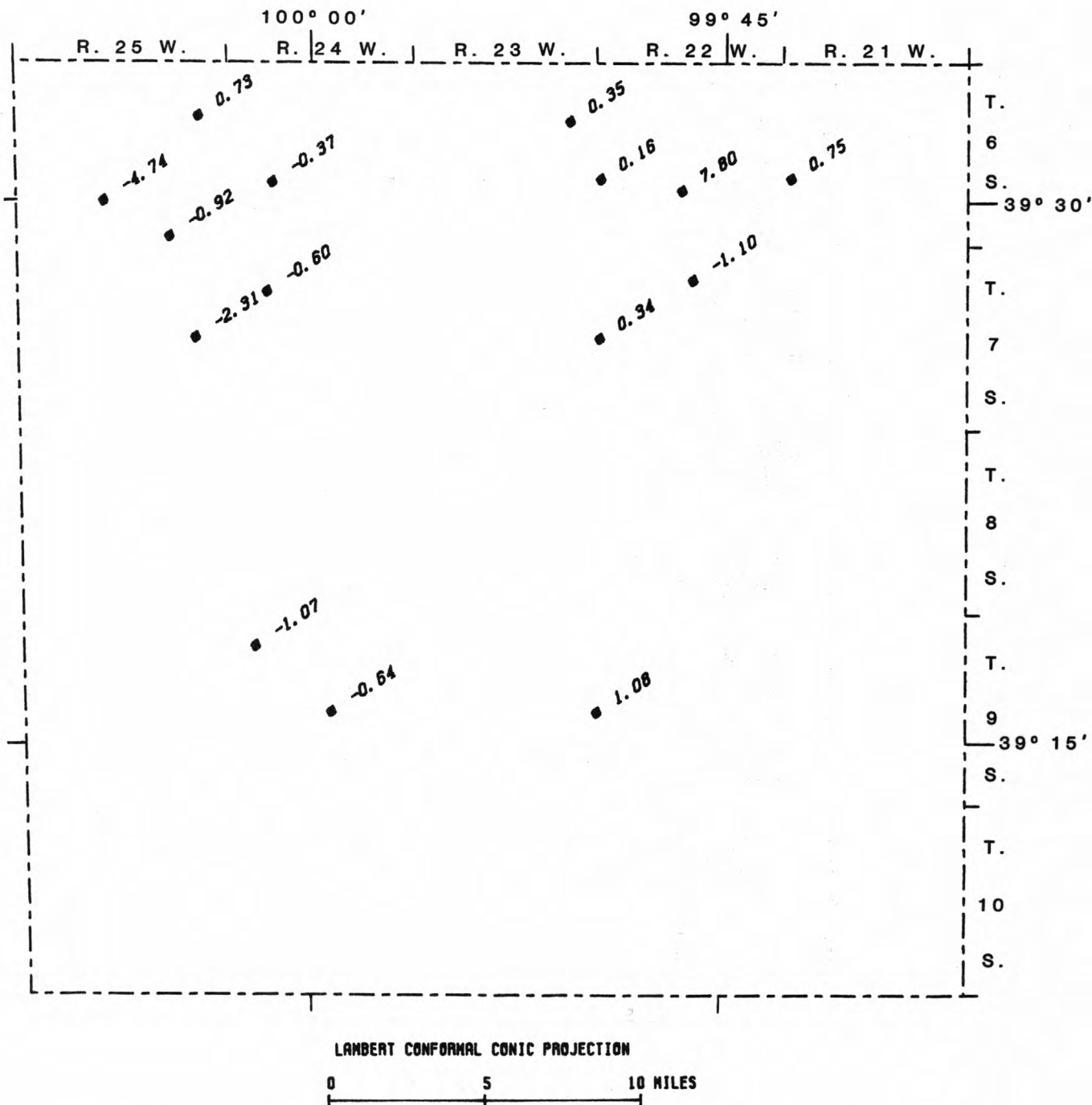
LANBERT CONFORMAL CONIC PROJECTION

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WATER-LEVEL CHANGE IN GOVE COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

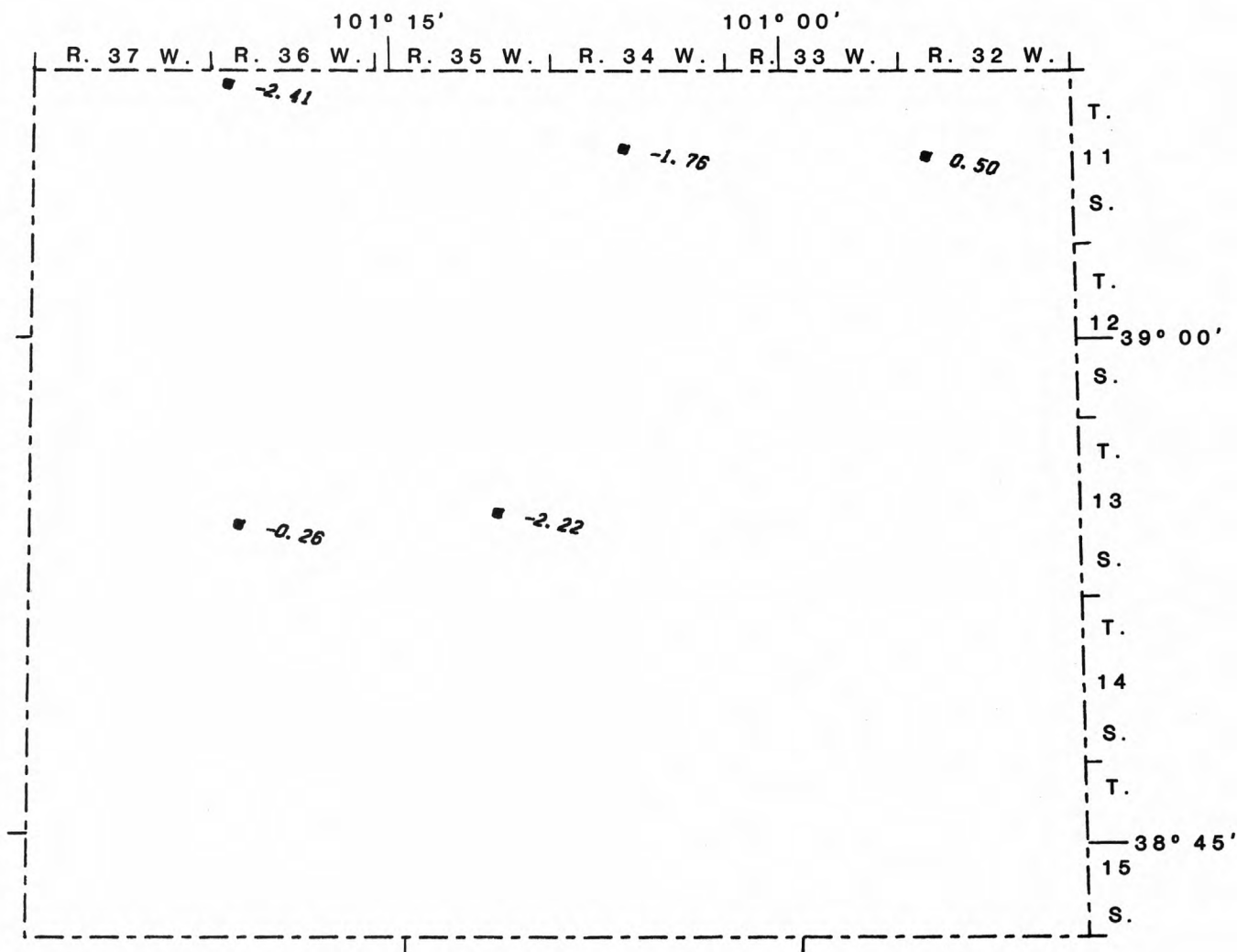
WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
GRAHAM COUNTY										
06S 21W 19CDC 01	TO	102.45	.75					32		
06S 22W 19CCC 01	TO	106.74	.16					91		
06S 22W 28ACA 01	TO	120.18	7.80					59		
06S 23W 13888 01	TO	55.45	.35					127		
06S 24W 298AB 01	TO	121.75	-.37					128		
06S 25W 12CCC 01	TO	137.74	.73					86		
06S 25W 28C8C 01	TO	117.08	-4.74					62		
06S 25W 35CCA 01	TO	97.58	-.92					114		
07S 22W 1088C 01	TO	9.50	-1.10					62		
07S 22W 19888 01	TO	38.56	.34					24		
07S 24W 08CBA 01	TO	128.46	-.60					115		
07S 25W 24888 01	TO	87.66	-2.31					122		
09S 22W 19888 01	TO	94.66	1.08					39		
09S 24W 06000 01	TO	84.18	-1.07					36		
09S 24W 228AA 01	TO	96.75	-.64					13		
09S 25W 14000 01	TO	92.16						41		



WATER-LEVEL CHANGE IN GRAHAM COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
LOGAN COUNTY										
11S 32W 04ACD 01	TO									
11S 32W 19AAB 01	TO	102.42	.50		-10.42		-.34	80	91	-11
11S 34W 16CDB 01	TO	121.12	-1.76	-2.65	.88	-.18	.02	48	48	1
11S 36W 06ADD 02	TO									
11S 36W 06DBB 02	TO	172.60	-2.41	-22.60	-24.60	-1.61	-.82	109	134	-18
13S 35W 23BCC 01	QA	46.50	-2.22		-1.50		-.05	15	17	-8
13S 36W 20CCB 01	QA	12.45	-.26					17		



LAMBERT CONFORMAL CONIC PROJECTION

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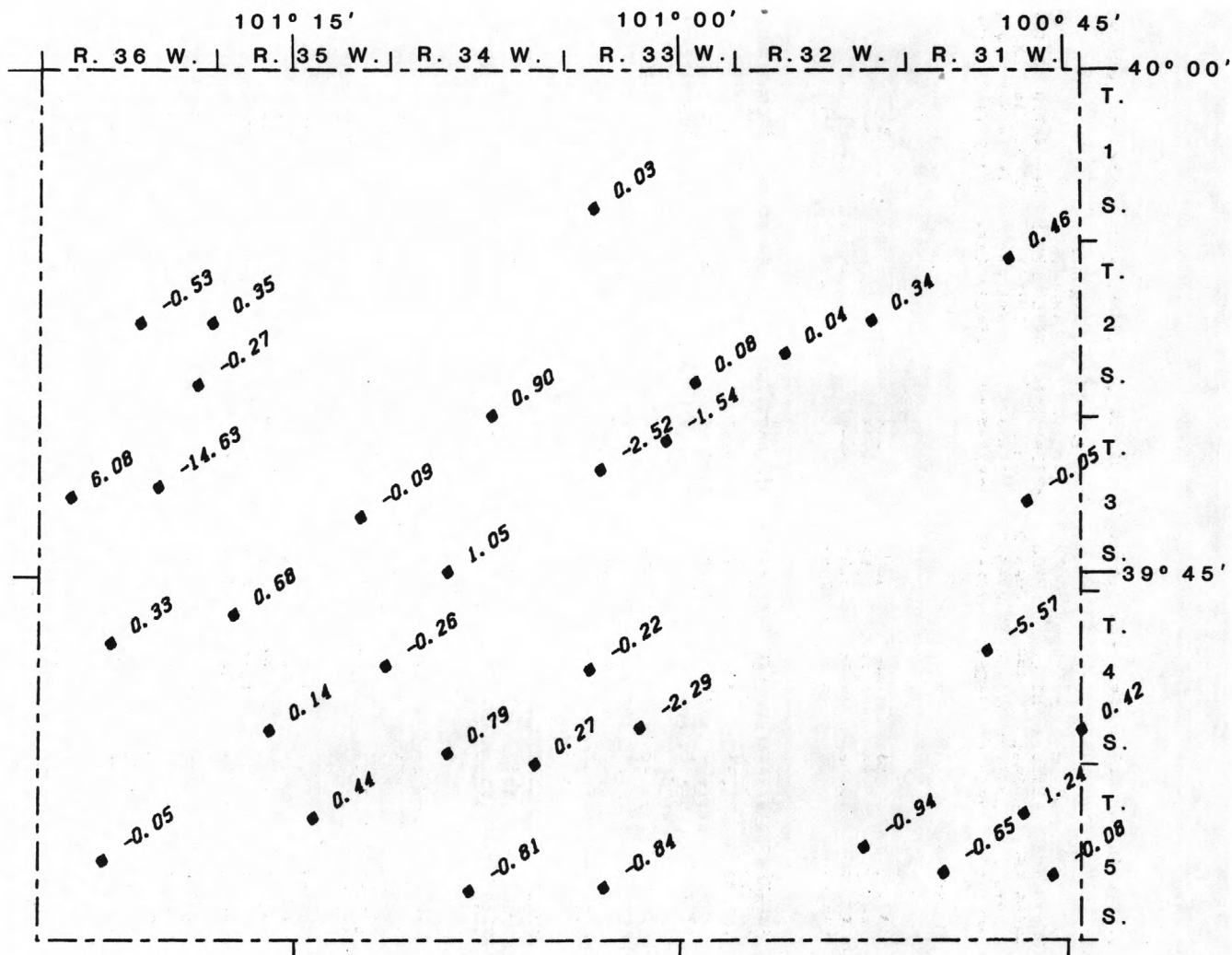
WATER-LEVEL CHANGE IN LOGAN COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
RAWLINS COUNTY										
01S 33W 29CCC 01	TO	114.06	.03	1.57	.94	.11	.03	29	29	3
02S 31W 03CAD 01	QA	19.04	.46	-4.34	-4.04	-.31	-.13	22	27	-14
02S 32W 14DCA 01	QA	22.62	.34	-4.20	-4.62	-.30	-.15	26	31	-14
02S 32W 20UCD 01	QA	14.16	.04	-5.86	-9.16	-.41	-.30	17	27	-33
02S 33W 26DCC 01	QA	26.25	.08	-6.40	-13.25	-.45	-.44	19	33	-40
02S 35W 13ABB 01	TO									
02S 35W 34CAA 01	QA, TO	30.82		-1.17	-1.82	-.08	-.06	81	83	-2
02S 36W 13DDU 01	TO	190.66	.35	-.56	-4.66	-.04	-.15	69	74	-6
02S 36W 15COD 01	TO	203.73	-.53	.12	.27			86	86	
02S 36W 18CCB 01	TO	218.17		1.11	-1.17	.07	-.03	79	81	-1
02S 36W 36BAA 01	TO	177.12	-.27	-7.27	-17.12	-.51	-.57	102	120	-14
03S 31W 07CBD 01	TO									
03S 31W 23BBB 01	TO	73.49	-.05	-.39	-.49	-.02	-.01	45	46	-1
03S 31W 27DAD 01	TO									
03S 33W 03DCC 01	QA	29.33	-1.54	-8.73	-7.33	-.62	-.24	32	40	-18
03S 33W 08CDC 01	QA	27.35	-2.52	-11.23	-7.35	-.80	-.24	24	32	-22
03S 34W 03ABB 01	QA	15.56	.90	-1.76	-3.56	-.12	-.11	24	28	-12
03S 34W 26BAC 01	QA									
03S 34W 33BCC 01	QA	17.47	1.05	-3.39	-3.47	-.24	-.11	34	38	-9
03S 35W 24CBB 01	QA	27.73	-.09	-3.01	-6.73	-.21	-.22	22	29	-23
03S 36W 14CBB 01	TO	218.53	-14.63	-27.25	-30.53	-1.94	-1.01	90	121	-25
03S 36W 17CCC 01	TO	207.78	6.08	-12.39	-11.78	-.88	-.39	92	104	-11
03S 36W 28DAA 01	TO									
04S 31W 16ABD 01	QA	18.25	-5.57	-10.32	-11.25	-.73	-.37	31	43	-26
04S 31W 25DDD 01	QA	17.70	.42	-3.02	-2.70	-.21	-.09	14	17	-15
04S 33W 18DDA 01	TO	87.48	-.22	.21	.52	.01	.01	65	65	
04S 33W 28DCA 01	TO	154.85	-2.29	-3.58	-2.85	-.25	-.09	82	85	-3
04S 34W 33CBC 01	TO	120.07	.79	-2.85	-5.07	-.20	-.16	89	95	-5
04S 35W 06DCD 01	TO	159.45	.68	-1.63	-2.45	-.11	-.08	100	103	-2
04S 35W 13DAD 01	QA	16.10	-.26	-1.04	-3.10	-.07	-.10	34	38	-8
04S 35W 29DDD 01	TO	150.72	.14	-.54	-.72	-.03	-.02	73	74	
04S 36W 06BBB 01	TO									
04S 36W 09COD 01	QA, TO	25.49	.33	-8.04	-7.49	-.57	-.24	109	117	-6
05S 31W 10DDA 01	TO	44.46	1.24	-4.28	-14.46	-.30	-.48	25	40	-36
05S 31W 20CCA 01	TO	35.94	-.65	-6.24	-13.94	-.44	-.46	32	46	-30
05S 31W 23DDD 01	TO	121.09	-.08	-.49	-3.09	-.03	-.10	38	42	-7
05S 32W 14CDD 01	TO	131.69	-.94	-.84	-1.69	-.06	-.05	48	50	-3
05S 33W 16CAC 01	TO									
05S 33W 29BDA 01	TO	19.97	-.84	-2.94	-7.97	-.21	-.26	95	103	-7
05S 34W 01BBB 01	TO	115.96	.27	-1.58	.04	-.11		121	121	

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
RAWLINS COUNTY -- CONTINUED										
05S 34W 28ADC 01	TO	135.90	-.81	-1.78	-8.90	-.12	-.29	111	120	-7
05S 35W 10CDD 01	TO	167.66	.44	-1.86	-.66	-.13	-.02	109	110	
05S 36W 21BCD 01	QA, TO	19.93	-.05	-4.40	-2.93	-.31	-.09	135	138	-2



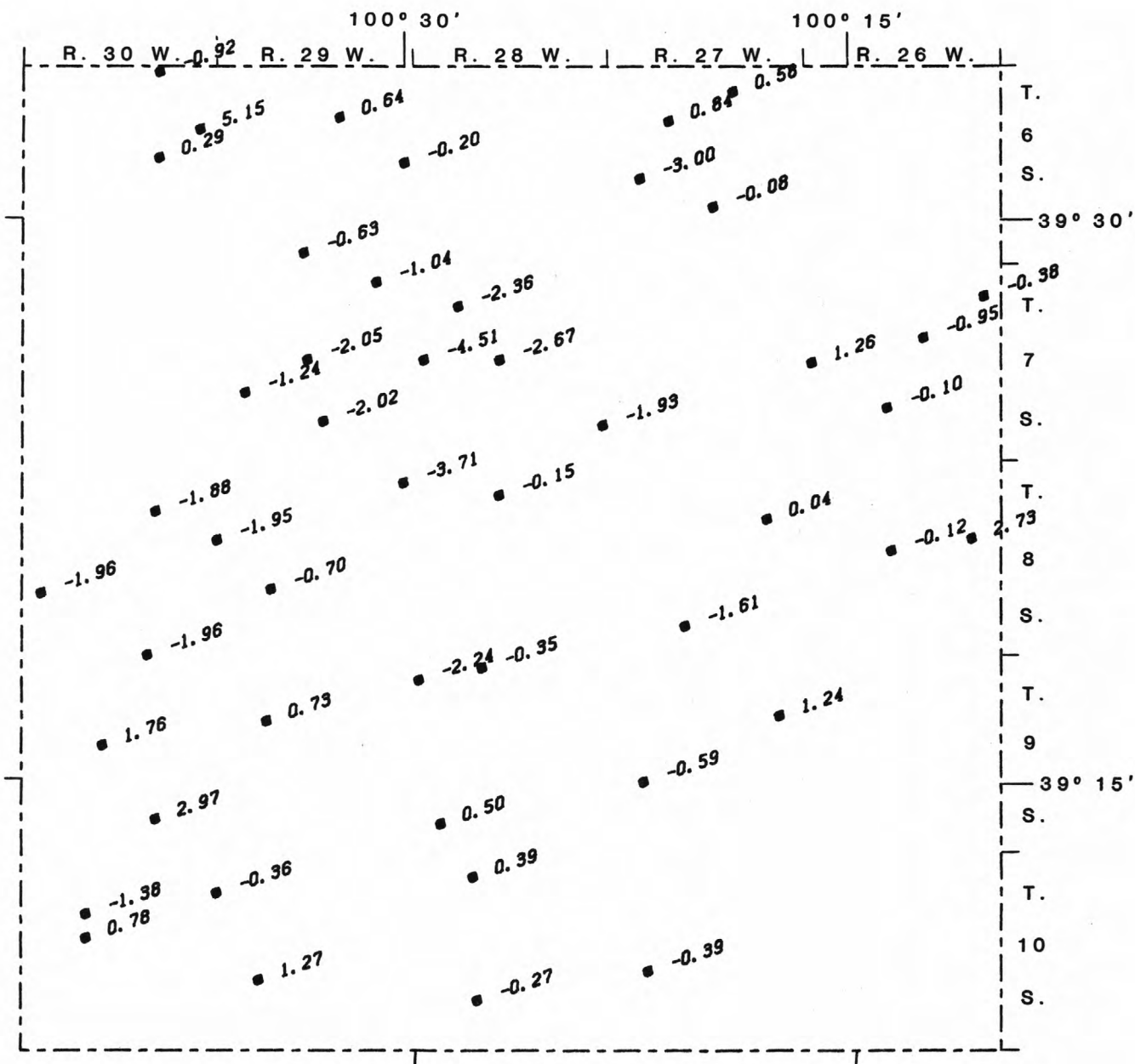
WATER-LEVEL CHANGE IN RAWLINS COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
SHERIDAN COUNTY										
06S 27W 030CD 01	QA	33.50	.58	-1.67	-4.50	-.11	-.15	34	39	-11
06S 27W 080CA 01	QA, TO	19.33	.84	-4.72	1.67	-.33	-.05	88	87	1
06S 27W 190AB 01	QA, TO	32.90	-3.00	-6.28	-2.90	-.44	-.09	27	30	-9
06S 27W 278CC 01	TO	159.38	-.08	-4.94	2.62	-.35	.08	160	158	1
06S 28W 28A0D 01	QA, TO									
06S 29W 100BC 01	TO	128.90	.64	-10.22	-12.90	-.73	-.43	76	89	-14
06S 29W 24A8B 01	TO	101.55	-.20	-5.50	-10.55	-.37	-.35	103	114	-9
06S 29W 33CDA 01	TO	103.02	-.63	-9.70	-9.02	-.69	-.30	103	113	-7
06S 30W 028CA 01	QA, TO	21.61	-.92	-9.96	-11.61	-.71	-.38	70	82	-14
06S 30W 138AA 01	TO	125.24	5.15		-10.24		-.34	90	101	-10
06S 30W 14CCD 01	TO	107.89	.29	-5.01	-12.89	-.35	-.42	95	108	-11
06S 30W 240DC 02										
07S 26W 06AAB 01	TO	129.19		-3.26	-4.19	-.23	-.13	74	79	-5
07S 26W 12BAC 01	TO	97.81	-.38	-5.82	-3.81	-.41	-.12	72	76	-5
07S 26W 158DD 01	TO	142.67	-.95					104		
07S 26W 198BC 01	TO	122.24	1.26					78		
07S 26W 28CAB 01	TO	153.10	-.10	-4.62	-11.10	-.33	-.37	89	101	-10
07S 27W 248BD 01	TO	127.57		-9.06	-13.57	-.64	-.45	92	106	-12
07S 28W 088DC 01	TO	158.11	-2.36		-18.11		-.60	123	142	-12
07S 28W 198BA 01	TO	142.67	-4.51	-24.52	-30.67	-1.75	-1.02	97	128	-23
07S 28W 21ABB 01	TO	154.17	-2.67	-23.12	-25.17	-1.65	-.83	80	106	-23
07S 28W 36ABA 01	TO	140.39	-1.93	-12.89	-17.39	-.92	-.57	92	110	-15
07S 29W 020BD 01	TO	149.49	-1.04	-13.24	-22.49	-.94	-.74	109	132	-17
07S 29W 21ABB 01	TO	149.84	-2.05	-28.66	-28.84	-2.04	-.96	90	119	-24
07S 29W 27CCC 01	TO	172.86	-2.02					92		
07S 29W 30ABA 01	TO	149.57	-1.24	-27.72	-36.57	-1.98	-1.21	105	142	-25
08S 26W 14DAA 01	QA	14.88	2.73	4.65	-1.88	.33	-.06	51	53	-3
08S 26W 16CDD 01	QA	35.79	-.12	-1.28	-12.79	-.09	-.42	34	47	-27
08S 27W 110CD 01	QA	10.30	.04	-1.74	2.70	-.12	.09	49	47	5
08S 27W 338BD 01	QA	20.92	-1.61	-3.00	-5.92	-.21	-.19	29	35	-16
08S 28W 09ABC 01	TO	134.99	-.15	-17.25	-15.99	-1.23	-.53	98	114	-14
08S 29W 010CB 01	TO	145.81	-3.71	-23.18	-20.81	-1.65	-.69	94	115	-18
08S 29W 298AA 01	TO	96.24	-.70	-14.18	-12.24	-1.01	-.40	126	139	-8
08S 30W 110CB 01	TO	175.02	-1.88	-41.52	-52.02	-2.96	-1.73	101	154	-33
08S 30W 130AA 01	TO	136.70	-1.95	-26.94	-33.70	-1.92	-1.12	120	154	-21
08S 30W 30ABC 01	TO	124.46	-1.96	-18.60	-17.46	-1.32	-.58	109	127	-13
09S 27W 12CCC 01	TO	107.64	1.24	-1.09	-3.64	-.07	-.12	90	94	-3
09S 27W 190DD 01	TO	128.64	-.59	-4.99	-4.64	-.35	-.15	76	81	-5
09S 28W 04BCC 01	TO, QA	26.98	-.35	-1.26	-8.98	-.09	-.29	71	80	-11
09S 28W 06CCB 01	QA, TO	7.69	-2.24	-.76	-3.69	-.05	-.12	79	83	-4

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
SHERIDAN COUNTY -- CONTINUED										
09S 28W 31AAC 01	TO	141.57	.50	-15.32	-23.57	-1.09	-.78	63	87	-27
09S 29W 17BAB 01	TO	98.47	.73	-14.24	-14.47	-1.01	-.48	97	112	-12
09S 29W 26BAA 01	TO	136.88		-4.83	-13.88	-.34	-.46	73	87	-15
09S 30W 03AAB 02	TO	139.06	-1.96	-19.77	-21.06	-1.41	-.70	77	99	-21
09S 30W 16CDA 01	TO	57.78	1.76	-13.04	-31.78	-.93	-1.05	104	136	-23
09S 30W 35888 01	TO	142.23	2.97	-12.90	-22.23	-.92	-.74	72	95	-23
10S 27W 20CBC 01	QA	20.13	-.39	-6.18	-8.13	-.44	-.27	29	38	-21
10S 27W 22DBA 01	QA	19.47		-.89	-9.47	-.06	-.31	45	55	-17
10S 28W 050DB 01	TO	104.29	.39	-9.07	-5.29	-.64	-.17	68	74	-7
10S 28W 290AA 01	QA, TO	27.06	-.27	-1.63	-5.06	-.11	-.16	34	40	-12
10S 29W 20CCC 02	QA	12.72	1.27	-5.82	-4.72	-.41	-.15	63	68	-6
10S 30W 08DDD 01	TO	101.43	-1.38	-8.39	-5.43	-.59	-.18	84	90	-6
10S 30W 12ADA 01	TO	100.60	-.36	-12.90	-11.60	-.92	-.38	86	98	-11
10S 30W 17DAD 01	TO	65.95	.78	-3.09	-1.95	-.22	-.06	99	101	-1



LAMBERT CONFORMAL CONIC PROJECTION

0 5 10 MILES

WATER-LEVEL CHANGE IN SHERIDAN COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

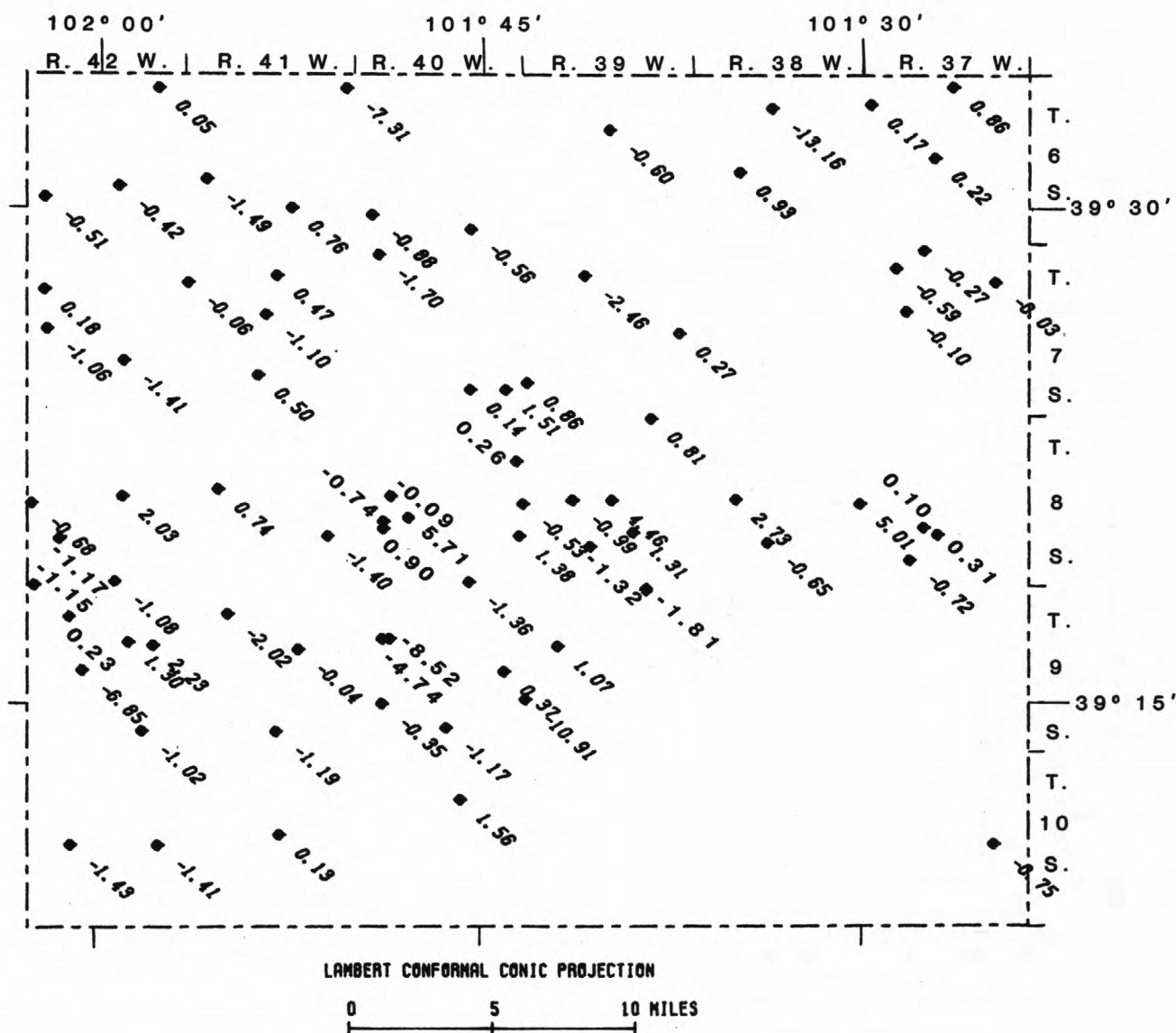
WELL NUMBER.	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
SHERMAN COUNTY										
06S 37W 038CC 01	TO	162.52	.86	-5.82	-11.52	-.41	-.38	115	127	-9
06S 37W 0788A 01	QA	9.60	.17	-3.43	-4.60	-.24	-.15	124	129	-3
06S 37W 16CDD 01	TO	171.65	.22	-7.83	-14.65	-.55	-.48	92	107	-13
06S 37W 19ABB 01	TO	162.89		-7.46	-12.89	-.53	-.42	146	159	-8
06S 38W 09ABD 01	TO	169.20	-13.16	-17.90	-22.20	-1.27	-.74	148	171	-12
06S 38W 20ACC 01	TO,QA	15.26	.93	-4.06	-4.26	-.29	-.14	155	160	-2
06S 39W 09DDD 01	TO	147.00	-.60	-4.25	-2.00	-.30	-.06	183	185	-1
06S 40W 10AAC 01	TO									
06S 40W 30DCC 01	TO	163.43	-.88	-9.83	-4.43	-.70	-.14	162	167	-2
06S 40W 358CC 01	TO	158.82	-.56	-16.27	-13.82	-1.16	-.46	179	193	-7
06S 41W 01ABB 01	TO	164.04	-7.31	-7.44	-14.04	-.53	-.46	131	146	-9
06S 41W 098CB 01	TO									
06S 41W 190BD 01	TO	187.99	-1.49	-18.42	-25.99	-1.31	-.86	137	163	-15
06S 41W 270BD 01	TO	160.17	.76	-18.02	-19.17	-1.28	-.63	164	184	-10
06S 42W 02AAA 01	TO	193.80	.05	-12.10	-14.80	-.86	-.49	83	98	-15
06S 42W 08CBB 01	TO	210.49		-9.19	-27.49	-.65	-.91	93	121	-22
06S 42W 22DCC 01	TO	192.80	-.42	-9.61	-15.80	-.68	-.52	122	138	-11
06S 42W 30ADA 01	TO	200.39	-.51	-16.79	-24.39	-1.19	-.81	108	133	-18
07S 37W 048BC 01	TO	137.71	-.27		-15.71		-.52	132	148	-10
07S 37W 05CCB 01	TO	137.09	-.59	-7.14	-13.09	-.51	-.43	156	170	-7
07S 37W 11ACB 01	TO	155.20	-.03					151		
07S 37W 178DA 01	TO	135.44	-.10	-5.61	-13.44	-.40	-.44	153	167	-8
07S 39W 098BB 01	TO	114.70	-2.46	-9.86	-8.70	-.70	-.29	180	189	-4
07S 39W 248AA 01	TO	147.16	.27	-13.22	-10.16	-.94	-.33	152	163	-6
07S 39W 30CCB 01	TO	140.49	.86	-22.85	-27.49	-1.63	-.91	212	240	-11
07S 40W 06ADB 01	TO	164.30	-1.70	-14.88	-12.30	-1.06	-.41	178	191	-6
07S 40W 298BA 01	TO									
07S 40W 358BB 01	TO	125.51	.14	-22.51	-23.51	-1.60	-.78	129	153	-15
07S 40W 368AB 01	TO	132.12	1.51	-22.18	-27.12	-1.58	-.90	188	216	-12
07S 41W 078CB 01	TO	193.76	-.06					106		
07S 41W 108BA 01	TO	158.66	.47		-17.66		-.58	171	189	-9
07S 41W 16ADC 01	TO	152.40	-1.10	-17.50	-22.40	-1.25	-.74	164	187	-11
07S 41W 280BB 01	TO	125.05	.50	-13.56	-14.05	-.96	-.46	154	169	-8
07S 42W 070AA 01	TO	197.31	.18	-32.91	-34.31	-2.35	-1.14	122	157	-21
07S 42W 17CCC 01	TO	136.49	-1.06	-18.52	-17.49	-1.32	-.58	126	144	-12
07S 42W 27AAB 01	TO	163.49	-1.41	-22.89	-21.49	-1.63	-.71	157	179	-12
08S 37W 03ADB 01	TO	153.96		-10.37	-27.96	-.74	-.93	119	147	-19
08S 37W 06ADB 01	TO	138.92		-5.62	-14.92	-.40	-.49	125	140	-10
08S 37W 21CCC 01	TO	140.20	.10	-19.04	-20.20	-1.36	-.67	89	110	-18
08S 37W 28ABC 01	TO	132.25	.31	-20.10	-22.25	-1.43	-.74	105	128	-17

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
SHERMAN COUNTY -- CONTINUED										
08S 37W 32ABB 01	TO	96.48	-.72	-16.48	-13.48	-1.17	-.44	119	133	-10
08S 38W 17CDD 01	TO	155.55	2.73	-13.55	-12.55	-.96	-.41	137	150	-8
08S 38W 24AAB 01	TO	117.49	5.01	-6.49	-7.49	-.46	-.24	142	150	-4
08S 38W 28ACC 01	TO	145.10	-.65	-13.10	-11.10	-.93	-.37	85	97	-11
08S 39W 02BAA 01	TO	157.89	.81	-22.89	-19.89	-1.63	-.66	137	157	-12
08S 39W 15CCC 01	TO	161.14	4.46	-26.14	-34.14	-1.86	-1.13	110	145	-23
08S 39W 17DCD 01	TO	182.09	-.99	-21.09	-30.09	-1.50	-1.00	117	148	-20
08S 39W 27AAB 01	TO	177.70	1.31	-32.70	-35.70	-2.33	-1.19	117	153	-23
08S 39W 28CAB 01	TO	166.21	-1.32	-22.21	-36.21	-1.58	-1.20	121	158	-22
08S 40W 12DBA 01	TO	166.00	.26	-33.00	-46.00	-2.35	-1.53	124	170	-27
08S 40W 17CDB 01	TO	131.33	-.09	-23.33	-29.33	-1.66	-.97	145	175	-16
08S 40W 20CBC 03	TO	119.77	-.74	-30.77	-33.77	-2.19	-1.12	146	180	-18
08S 40W 20CCC 01	TO	113.21	.90	-33.21	-33.21	-2.37	-1.10	163	197	-16
08S 40W 20DAA 01	TO	66.16	5.71	-10.16	-21.16	-.72	-.70	149	171	-12
08S 40W 24AAA 01	TO	184.05	-.53	-35.05	-50.05	-2.50	-1.66	105	156	-32
08S 40W 25AAC 01	TO	182.30	1.38	-24.30	-49.30	-1.73	-1.64	107	157	-31
08S 40W 35CCB 01	TO	162.40	-1.36	-32.40	-30.40	-2.31	-1.01	109	140	-21
08S 41W 17CBA 01	TO	140.76	.74	-11.76	-11.76	-.84	-.39	159	171	-6
08S 41W 25BHC 01	TO	113.96	-1.40	-17.96	-19.96	-1.28	-.66	150	170	-11
08S 42W 04BBC 01	TO	184.04		-32.04	-35.04	-2.28	-1.16	135	171	-20
08S 42W 15DDB 01	TO	120.51	2.03	-21.51	-22.51	-1.53	-.75	153	176	-12
08S 42W 19ABB 01	TO	168.62	-.68	-38.62	-44.62	-2.75	-1.48	141	186	-23
08S 42W 29ACB 01	TO	123.42	-1.17	-23.42	-22.42	-1.67	-.74	105	128	-17
08S 42W 31UCD 01	TO	76.09	-1.15	-18.09	-26.09	-1.29	-.86	130	157	-16
08S 42W 34DCB 01	TO	149.32	-1.08	-24.32	-25.32	-1.73	-.84	115	141	-17
09S 39W 02BAB 01	TO	168.25	-1.81		-33.25		-1.10	77	111	-29
09S 39W 17BBA 01	TO	152.27	1.07		-26.27		-.87	83	110	-23
09S 39W 19CCC 01	TO	148.30	-10.91		-43.30		-1.44	96	140	-30
09S 40W 08CCB 01	TO	154.79	-4.74		-31.79		-1.05	96	128	-24
09S 40W 08CDB 01	TO	162.21	-8.52	-46.21	-46.21	-3.30	-1.54	88	135	-34
09S 40W 13CDC 01	TO	158.56	.37	-33.56	-35.56	-2.39	-1.18	101	137	-25
09S 40W 27CDC 01	TO	158.55	-1.17	-30.55	-33.55	-2.18	-1.11	155	189	-17
09S 40W 29BBB 01	TO	157.21	-.35	-38.21	-35.21	-2.72	-1.17	88	124	-28
09S 41W 05DCC 01	TO	169.14	-2.02	-33.14	-41.14	-2.36	-1.37	95	137	-30
09S 41W 14BBC 01	TO	171.40	-.04		-37.40		-1.24	125	163	-22
09S 41W 28AAA 01	TO									
09S 41W 34BAB 01	TO	149.21	-1.19	-35.21	-38.21	-2.51	-1.27	140	179	-21
09S 42W 08AAA 01	TO	155.24	.23	-24.24	-35.24	-1.73	-1.17	115	151	-23
09S 42W 11CCC 01	TO	165.10	1.30	-30.10	-40.10	-2.15	-1.33	108	149	-26
09S 42W 14AAA 01	TO	166.14	2.23	-35.14	-50.14	-2.51	-1.67	124	175	-28

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
SHERMAN COUNTY -- CONTINUED										
09S 42W 16CDD 02	TO	149.30	-6.85	-32.30	-35.30	-2.30	-1.17	141	177	-19
09S 42W 35AB8 01	TO	140.98	-1.02	-37.98	-38.98	-2.71	-1.29	127	166	-23
10S 37W 23AB8 01	TO	194.17	-.75	-20.17	-23.17	-1.44	-.77	94	118	-19
10S 40W 10AOC 01	QA, TO	16.27	1.56	-.27	-4.27	-.01	-.14	51	56	-7
10S 41W 15CAD 01	TO, QA	20.06	.13	-8.06	-8.06	-.57	-.26	96	105	-7
10S 42W 218B8 01	TO	105.18	-1.43	-19.18	-32.18	-1.37	-1.07	117	150	-21
10S 42W 248BA 01	TO	97.91	-1.41	-13.91	-24.91	-.99	-.83	106	131	-19



WATER-LEVEL CHANGE IN SHERMAN COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
THOMAS COUNTY										
06S 31W 03ADB 01	TO	118.23	.62	-3.23	-9.23	-.23	-.30	73	83	-11
06S 31W 33CCD 01	QA, TO	29.12	-.15	-19.12	-11.12	-1.36	-.37	101	113	-9
06S 32W 12CBC 01	TO									
06S 32W 29CDC 01	TO	123.34	1.36	-12.34	-10.34	-.88	-.34	80	91	-11
06S 32W 34CBC 01	TO	92.35	.07							
06S 33W 07888 01	TO	136.00			1.00		.03	98	97	1
06S 33W 18CCC 01	TO									
06S 33W 230DD 01	QA	12.80	.86		-3.80		-.12	68	72	-5
06S 33W 31CAB 01		14.30	.39		-11.30		-.37	75	87	-12
06S 34W 10DDA 01	TO	148.64	2.92	-8.64	-4.64	-.61	-.15	86	91	-5
06S 34W 11CDD 01	TO	163.01	1.47	-7.01	-5.01	-.50	-.16	89	95	-5
06S 34W 17CBC 01	TO	157.05	3.18	-6.05	-6.05	-.43	-.20	100	107	-5
06S 35W 02CDD 01	TO	129.41	3.52	-2.41	-12.41	-.17	-.41	120	133	-9
06S 35W 26ACB 01	TO	154.15	-.05	-4.15	-3.15	-.29	-.10	100	104	-3
06S 36W 06BCD 01	TO	191.44	-2.84	-13.44	-17.44	-.96	-.58	131	149	-11
06S 36W 11ACC 01	TO	167.88	3.52	-6.88	.12	-.49		112	112	
06S 36W 30DCB 01	TO	153.90	-.26	-6.90	-1.90	-.49	-.06	153	155	-1
06S 36W 340DB 01	TO	101.41	3.39	-7.41	-2.41	-.52	-.08	144	147	-1
07S 31W 01DCA 01	TO	110.69	3.29	-9.69	-2.69	-.69	-.08	135	138	-1
07S 31W 26CCC 01	TO	120.10	-1.18	-16.10	-16.10	-1.15	-.53	113	130	-12
07S 32W 07ACA 01	TO	77.35	-.04	-13.35	-9.35	-.95	-.31	68	78	-11
07S 32W 13AAA 01	TO	118.70	-1.34	-17.70	-16.70	-1.26	-.55	115	132	-12
07S 33W 07BDA 01	TO	153.01	9.27	-4.01	-12.01	-.28	-.40	100	113	-10
07S 33W 210BC 01	TO	114.31	.37	-10.31	-3.31	-.73	-.11	95	99	-3
07S 33W 35ADD 01	TO	147.78	4.79	-16.78	-16.78	-1.19	-.55	104	121	-13
07S 34W 08888 01	TO	99.65	.39	-4.65	-5.65	-.33	-.18	104	110	-5
07S 34W 25AAA 01	TO	110.11	1.79	-4.11	-4.11	-.29	-.13	129	134	-3
07S 34W 260DB 01	TO	113.95	-1.59	-9.95	-9.95	-.71	-.33	116	126	-7
07S 35W 09CCC 01	TO	127.33						137		
07S 36W 17CCC 01	TO	142.57	1.10	-8.57	-3.57	-.61	-.11	124	128	-2
07S 36W 35CBB 01	TO									
08S 31W 03CDD 01	TO	127.50								
08S 31W 20CDD 01	TO	111.75	-1.32	-10.75	-13.75	-.76	-.45	108	122	-11
08S 32W 07BAA 01	TO	116.05	.77	-17.05	-18.05	-1.21	-.60	155	174	-10
08S 32W 120BC 01	TO	111.40	-1.26	-3.40	-1.40	-.24	-.04	105	107	-1
08S 32W 27DAB 01	TO									
08S 33W 02CDD 01	TO	139.60	1.30	-16.60	-19.60	-1.18	-.65	130	150	-13
08S 33W 07AAB 01	TO	153.15	-.53	-10.15	-9.15	-.72	-.30	90	100	-9
08S 33W 348BC 01	TO	148.03	2.22	-18.03	-18.03	-1.28	-.60	48	67	-26
08S 34W 01BAC 01	TO	122.44	.36	-6.44	-9.44	-.46	-.31	147	157	-6

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, NORTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
THOMAS COUNTY -- CONTINUED										
08S 34W 06CBC 01	TO	137.22	4.38	-2.22	-7.22	-.15	-.24	89	97	-7
08S 34W 23C80 01	TO	171.27	-.97	-16.27	-9.27	-1.16	-.30	63	73	-12
08S 36W 18ABA 02	TO	128.32	-1.94	-6.32	-3.32	-.45	-.11	104	108	-3
09S 31W 10888 01	TO	86.10	.75	-3.10	-1.10	-.22	-.03	90	92	-1
09S 31W 22ABD 01	TO	82.40	-2.05	-5.40	.60	-.38	.02	108	108	
09S 31W 36AAB 01	TO	138.84	4.38	-7.84	-8.84	-.56	-.29	70	79	-11
09S 32W 09BDA 01	TO	71.65	-.47	-4.65	-13.65	-.33	-.45	101	115	-11
09S 32W 27BCD 01	TO	115.48	8.41	-17.48	-18.48	-1.24	-.61	91	110	-16
09S 33W 15ACC 01	TO	121.90	-.79	-22.90	-21.90	-1.63	-.73	126	148	-14
09S 33W 26DAD 01	TO	147.85						87		
09S 33W 30CAA 01	TO	196.95	1.65	-20.95	-35.95	-1.49	-1.19	83	119	-30
09S 33W 31CDB 01	TO	174.80		-29.80	-38.80	-2.12	-1.29	140	179	-21
09S 33W 35AAD 01	TO	149.90	4.92	-20.90	-24.90	-1.49	-.83	100	125	-19
09S 34W 12ADA 01	TO	153.00	3.50		-19.00		-.63	116	135	-14
09S 35W 32DAA 01	TO	187.61	.39	.39	-5.61	.02	-.18	47	53	-10
10S 31W 26AAA 01	QA, TO	9.72	.08	-4.72	1.28	-.33	.04	21	20	6
10S 31W 29AAB 01	TO	89.40	-.60	-7.40	-7.40	-.52	-.24	93	101	-7
10S 32W 04CAB 01	TO	112.88	5.84	-9.88	-6.88	-.70	-.22	101	108	-6
10S 32W 11BAA 01	TO	114.45	-1.51	-9.45	-4.45	-.67	-.14	56	61	-7
10S 32W 29DCB 01	TO	93.00	.28	-13.00	-15.00	-.92	-.50	91	106	-14
10S 33W 030HC 01	TO									
10S 33W 06BHC 01	TO									
10S 33W 19CBU 01	TO	103.98	.52	-4.98	-3.98	-.35	-.13	62	66	-6
10S 33W 27888 01	TO	100.09		-8.09	-13.09	-.57	-.43	51	65	-20
10S 34W 01ABA 01	TO	174.45	7.90	-26.45	-36.45	-1.88	-1.21	126	163	-22
10S 34W 12BCD 01	TO	174.50	7.70	-5.50	-17.50	-.39	-.58	122	140	-12
10S 34W 148CC 01	TO	144.90	.93	-2.90	-6.90	-.20	-.23	49	56	-12
10S 36W 07ACC 01	TO									
10S 36W 36ACC 01	TO	171.89	-1.67	-2.89	-7.89	-.20	-.26	27	35	-22

Table 2.--Changes in water level and saturated thickness, accompanied by county maps showing locations of observation wells and 1979-80 water-level changes, west-central Kansas

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
GREELEY COUNTY										
16S 39W 02BDC 01	TO	128.99			-47.99		-1.59	91	139	-34
16S 39W 04BAB 01	TO	137.91	-3.21		-42.91		-1.43	82	125	-34
16S 39W 15CBB 01	TO	129.60	-3.30		-33.60		-1.12	33	67	-50
16S 39W 18BDC 01	TO	149.29	-3.59	-24.29	-31.29	-1.73	-1.04	50	82	-38
16S 39W 22DCB 01	TO	126.00		-37.20	-31.00	-2.65	-1.03	37	68	-45
16S 39W 25CBB 01	TO	104.80		-11.30	-4.80	-.80	-.16	62	67	-7
16S 40W 02ABA 01	TO	113.24	-2.04	-32.74	-41.24	-2.33	-1.37	68	110	-37
16S 40W 06BAA 01	TO	142.82	-2.22	-27.12	-38.82	-1.93	-1.29	99	138	-28
16S 40W 15ACC 01	TO	147.32	-1.27	-27.42	-33.32	-1.95	-1.11	44	78	-42
16S 40W 18DBA 01	TO	159.64	1.16	-32.94	-38.64	-2.35	-1.28	57	96	-40
16S 40W 26ADA 01	TO	112.88	-1.28		-19.88		-.66	44	64	-31
16S 40W 35BBA 01	TO	93.22	1.08	-20.22	-17.22	-1.44	-.57	31	49	-35
16S 41W 05BBB 01	TO	173.64	-2.94		-45.64		-1.52	76	122	-37
16S 41W 20BAD 01	TO	151.33	.17	-19.99	-22.33	-1.42	-.74	82	105	-21
16S 41W 23BBD 01	TO	145.82	-1.12		-26.82		-.89	75	102	-26
16S 41W 33AAB 01	TO	162.48	-.73		-6.48		-.21	39	46	-14
16S 42W 10CBC 01	TO	202.31	-2.31		-28.31		-.94	27	56	-50
16S 42W 22BCB 01	TO	199.90	-2.10	-1.40	-16.90	-.10	-.56	37	54	-31
17S 39W 02BAA 01	TO	110.58	1.52		-8.58		-.28	50	59	-14
17S 39W 06CCD 01	TO	137.32	-.92		-3.32		-.11	42	46	-7
17S 39W 14ADD 01	TO	118.54			-10.54		-.35	84	95	-11
17S 39W 19DBB 01	TO	130.85			-5.85		-.19	51	57	-10
17S 39W 22ABB 01	TO	127.86	-.66	-4.50	-9.86	-.32	-.32	67	77	-12
17S 39W 34CCB 01	TO	95.54	-1.89		-.54		-.01	39	40	-1
17S 40W 04DCB 01	TO	169.59	-.59	-12.89	-17.59	-.92	-.58	17	35	-50
17S 40W 15CCB 01	TO	137.09	-.94	-10.04	-14.09	-.71	-.46	71	86	-16
17S 40W 17BBA 01	TO	184.54	2.71		-19.54		-.65	32	52	-37
17S 40W 31BBA 01	TO									
17S 41W 01AAD 01	TO	118.77	.63	-1.77	1.23	-.12	.04	26	25	4
17S 42W 27CBB 01	TO	39.87	-.97		-8.87		-.29	21	30	-29
18S 39W 07BBD 01	TO	115.98	.47		-6.98		-.23	29	36	-19
18S 39W 19CDA 01	TO	72.59	-.31					27		
18S 39W 23CCB 01	TO	132.68	-.80	-10.48	-19.68	-.74	-.65	52	72	-27
18S 39W 24AAC 01	TO	138.25	-.85		-33.25		-1.10	44	78	-42
18S 40W 04CBU 01	TO	132.69	.31	-1.47	-7.69	-.10	-.25	28	36	-21
18S 40W 06BAA 01	TO	142.38	.02		-19.38		-.64	44	64	-30

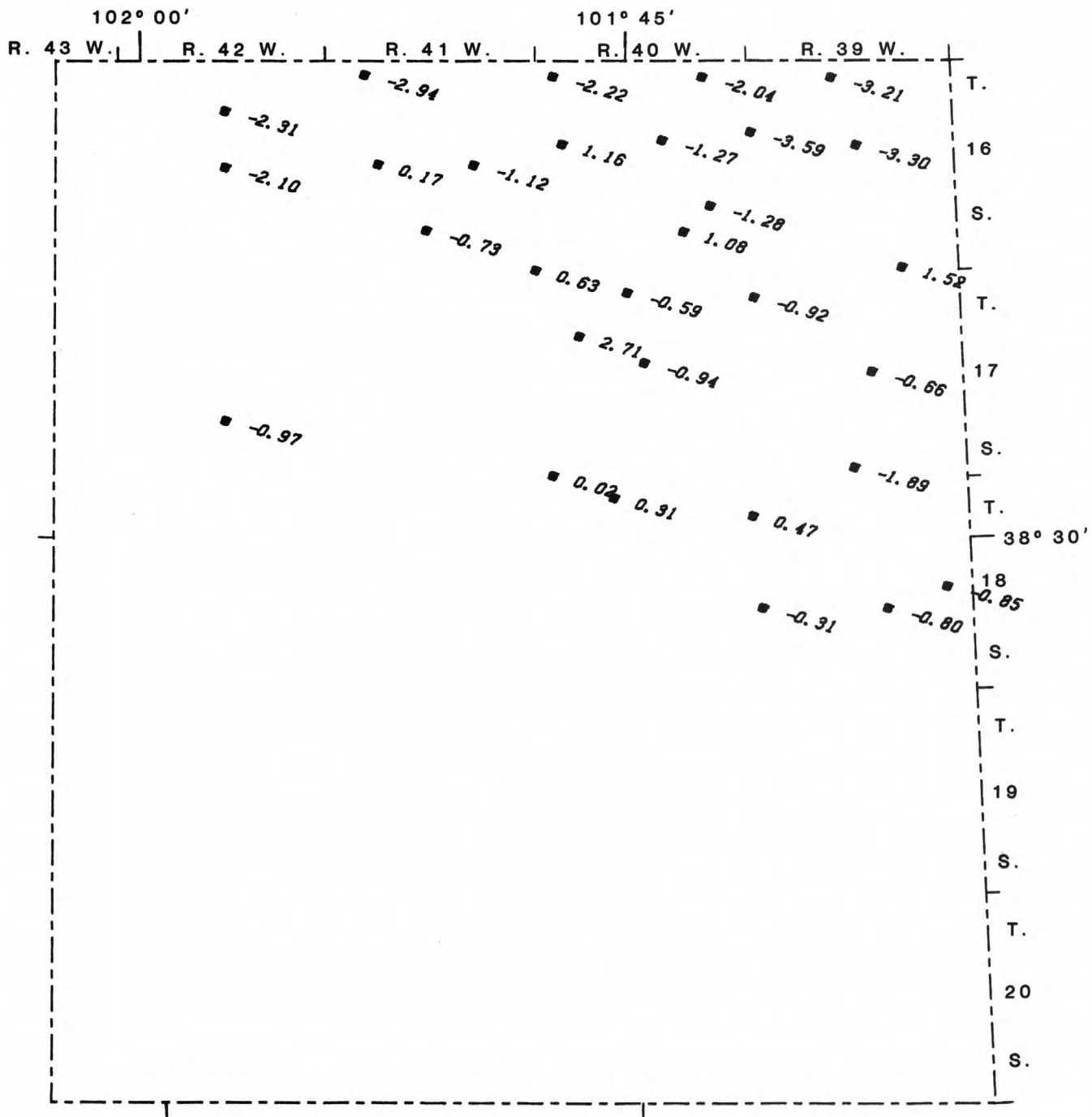
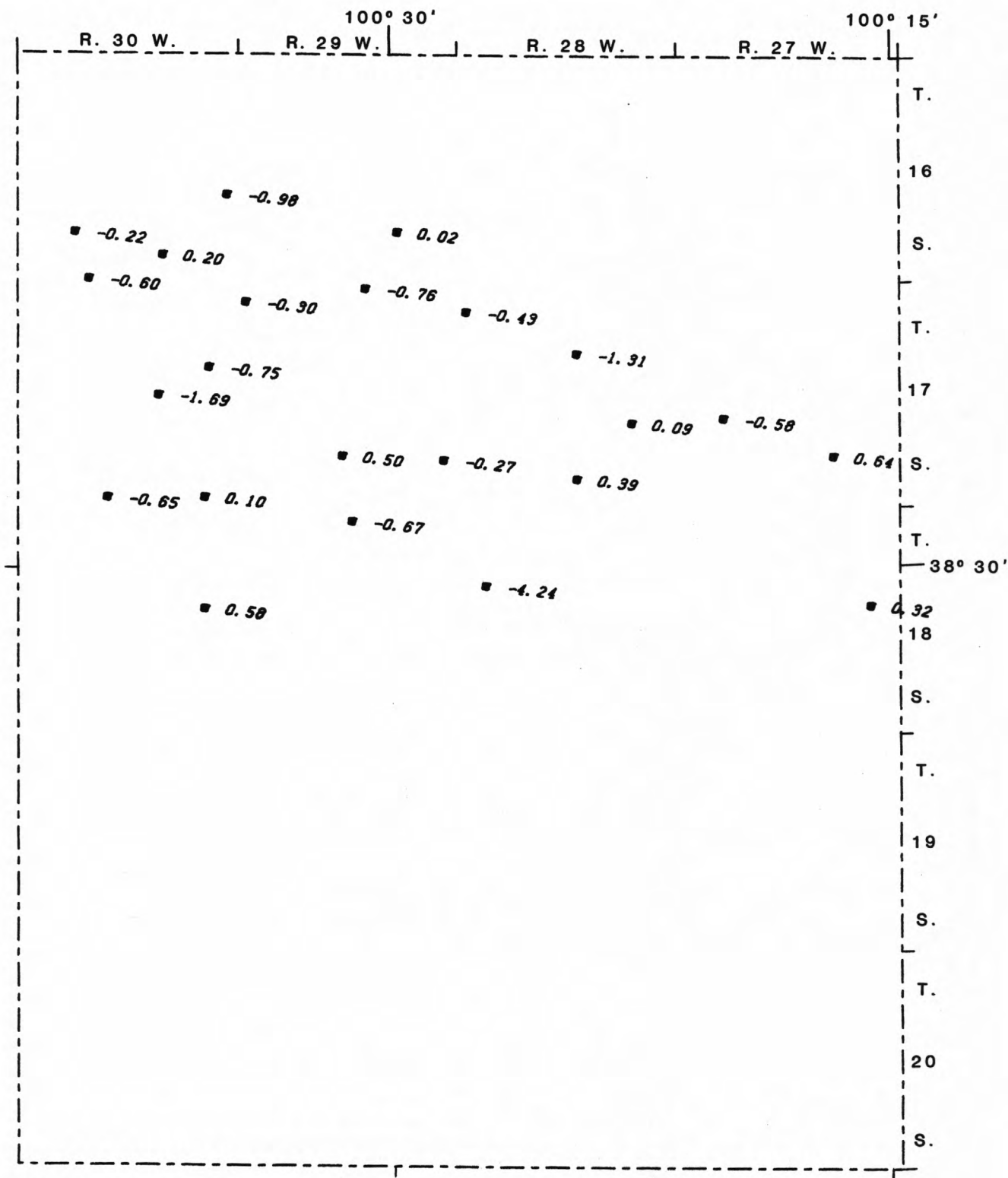


TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
LANE COUNTY										
16S 29W 26CCD 01	TO	101.38	.02	-12.10	-11.38	-.86	-.37	38	50	-22
16S 30W 240CC 01	TO	118.88	-.98		-9.88		-.32	36	46	-21
16S 30W 29C0D 01	TO	125.47	-.22		-4.47		-.14	48	53	-8
16S 30W 34DAB 01	TO	119.80	.20		-3.80		-.12	52	56	-6
17S 27W 20CCC 01	TO	99.43	-.58		-15.43		-.51	27	43	-35
17S 27W 26CCC 01	TO	95.88	.64		-15.88		-.52	31	47	-33
17S 28W 07B8B 01	TO	95.55	-.43		-12.55		-.41	74	87	-14
17S 28W 1588C 01	TO	104.61	-1.31		-20.61		-.68	45	66	-31
17S 28W 26ABB 01	TO	100.28	.09	-12.00	-15.28	-.85	-.50	39	55	-27
17S 28W 34C8B 01	TO	89.04	.39		-11.04		-.36	42	54	-20
17S 29W 03BDC 01	TO	110.84	-.76		-8.84		-.29	45	54	-16
17S 29W 06CCB 01	TO	119.80	-.30		-16.80		-.56	53	70	-24
17S 29W 280CD 01	TO	75.00	.50		-7.00		-.23	48	55	-12
17S 29W 36BAA 01	TO	83.70	-.27		-13.70		-.45	35	49	-27
17S 30W 05AAC 01	TO	115.80	-.60		-7.80		-.26	59	67	-11
17S 30W 13C8B 01	TO	88.35	-.75	-4.41	-4.35	-.31	-.14	62	67	-6
17S 30W 20B8B 01	TO	98.51			-11.51		-.38	66	78	-14
17S 30W 22ACA 01	TO	84.75	-1.69		-8.75		-.29	59	68	-12
18S 27W 13CCC 01	TO	86.28	.32	-.17	1.72	-.01	.05	8	7	24
18S 28W 18ACC 01	TO	72.84	-4.24		-21.84		-.72	22	44	-49
18S 29W 04DAD 01	TO	65.17	-.67		-9.17		-.30	44	54	-16
18S 30W 02AAA 01	TO	84.06	.10		-16.06		-.53	39	56	-28
18S 30W 04BAB 01	TO	71.99	-.65		-2.99		-.09	53	56	-5
18S 30W 23AAA 01	TO	64.10	.58		-9.10		-.30	85	95	-9



WATER-LEVEL CHANGE IN LANE COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
SCOTT COUNTY										
16S 31W 17DDD 01	TO	120.80	1.77		-2.80		-0.09	40	43	-6
16S 31W 23CCC 01	TO	126.10			-6.10		-0.20	47	54	-11
16S 31W 318CB 01	TO	133.40	.56	-4.97	-6.40	-.35	-.21	34	41	-15
16S 32W 238CD 01	TO	142.25	.63	-1.46	-6.25	-.10	-.20	28	35	-17
16S 33W 07CCC 01	TO	163.81	-6.69	-20.17	-33.81	-1.44	-1.12	29	63	-53
16S 33W 19C8B 01	TO	162.87	-3.42	-22.16	-38.87	-1.58	-1.29	29	68	-57
16S 33W 218CC 01	TO	172.57	-7.40	-20.97	-27.57	-1.49	-.91	15	43	-64
16S 33W 24DAB 01	TO									
16S 33W 258CC 01	TO	12.35			-7.35		-.24	71	79	-9
16S 33W 31C8B 01	TO	147.53	-1.24	-18.49	-30.53	-1.32	-1.01	55	86	-35
16S 33W 33BAA 01	TO	150.61	-3.67		-20.61		-.68	43	64	-32
16S 34W 09CCB 01	TO	153.05	-1.19	-19.53	-35.05	-1.39	-1.16	27	63	-55
16S 34W 138CB 01	TO	164.57	-1.18		-35.57		-1.18	22	58	-61
16S 34W 20D8C 01	TO	163.96		-33.12	-45.96	-2.36	-1.53	26	72	-63
16S 34W 22BDC 01	TO									
16S 34W 29C8B 01	TO	165.18	-5.66	-31.06	-46.18	-2.21	-1.53	15	62	-74
16S 34W 3188B 02	TO	165.55			-45.55		-1.51	34	80	-56
16S 34W 34C8B 01	TO									
17S 31W 04DCC 01	TO	126.55	-5.57		-9.55		-.31	43	53	-18
17S 31W 14CCD 01	TO	100.85	.53		-6.85		-.22	63	70	-9
17S 31W 25BCC 01	TO	102.40		-12.61	-14.40	-.90	-.48	67	82	-17
17S 31W 3188B 01	TO	112.33	-4.86		-25.33		-.84	65	91	-27
17S 31W 35CCB 01	TO	99.30	-2.01		-13.30		-.44	47	61	-21
17S 32W 1688B 01	TO	132.27	-.79		-44.27		-1.47	98	143	-30
17S 32W 2788B 01	TO	133.75	-5.65	-26.66	-38.75	-1.90	-1.29	46	85	-45
17S 32W 318CB 01	TO	123.38	-6.19	-34.69	-55.38	-2.47	-1.84	121	177	-31
17S 32W 34CAA 01	TO	129.17	-1.64	-27.00	-41.17	-1.92	-1.37	32	74	-55
17S 33W 0788B 01	TO	150.33	-2.32	-15.75	-38.33	-1.12	-1.27	51	90	-42
17S 33W 130DD 01	TO	130.90			-51.90		-1.73	110	162	-32
17S 33W 14ACB 01	TO	134.25	-2.31		-41.25		-1.37	79	121	-34
17S 33W 16ABC 01	TO									
17S 33W 28CDA 01	TO	137.37		-37.38	-53.37	-2.67	-1.77	52	106	-50
17S 34W 068CB 01	TO	141.63	1.82	-23.08	-33.63	-1.64	-1.12	52	86	-39
17S 34W 16ACB 01	TO	123.22	-.54	-11.09	-16.22	-.79	-.54	70	87	-18
17S 34W 25D8B 01	TO	134.77		-20.19	-31.77	-1.44	-1.05	54	86	-36
17S 34W 27ABA 01	TO	121.82	-.96		-19.82		-.66	66	86	-23
17S 34W 28CCB 01	TO	124.62	.48	-16.85	-26.62	-1.20	-.88	59	86	-30
18S 31W 20ABA 01	TO									
18S 31W 248CB 01	TO	74.75	-2.85		-6.75		-.22	35	42	-16
18S 31W 27ABA 01	TO	69.80	.53		.20			35	35	

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
SCOTT COUNTY -- CONTINUED										
18S 32W 14888 01	TO	111.02	-.26	-12.55	-26.02	-.89	-.86	63	90	-28
18S 32W 17ABA 01	TO	109.75	-.57	-31.68	-47.75	-2.26	-1.59	30	78	-61
18S 32W 20C8B 01	TO	87.42	-.83	-28.31	-44.42	-2.02	-1.48	91	136	-32
18S 33W 03CC8 01	TO	114.81	-1.38	-31.66	-43.81	-2.26	-1.46	67	111	-39
18S 33W 05CCC 01	TO	97.52	-2.96	-12.76	-22.52	-.91	-.75	21	44	-51
18S 33W 11A8B 01	TO	106.20	1.11		-51.20		-1.70	92	144	-35
18S 33W 20CCD 01	TO	99.00	-.54	-10.25	-30.00	-.73	-1.00	18	48	-62
18S 33W 26DAD 02		69.15	-.27	-22.15	-39.15	-1.58	-1.30	98	138	-28
18S 33W 34A0B 01	TO	72.14			-46.14		-1.53	49	96	-48
18S 33W 35AAA 01	QA, TO	59.78	-1.19	-29.74	-42.78	-2.12	-1.42	84	127	-33
18S 34W 01C8B 01	TO	120.79	-1.99	-13.27	-24.79	-.94	-.82	45	70	-35
18S 34W 05C8B 01	TO	111.84			-23.84		-.79	56	80	-29
18S 34W 09C0D 02	TO	109.15	-1.00		-19.15		-.63	53	73	-26
18S 34W 1888B 01	TO	111.45	-.89	-18.65	-32.45	-1.33	-1.08	28	61	-53
18S 34W 2588D 01	TO	110.70	-.80	-14.85	-20.70	-1.06	-.69	21	42	-49
18S 34W 30DDC 01	TO									
18S 34W 3488C 01	TO	117.91	-3.23	-17.26	-27.91	-1.23	-.93	42	70	-39
19S 31W 20BAD 01	KN	77.00	.31							
19S 32W 06CCB 01		62.36	-3.61		-41.36		-1.37	136	178	-23
19S 32W 32ACB 01	QU, TO	83.61	.71		-14.61		-.48	120	135	-10
19S 33W 060BB 01	TO, TO	65.95	-.61		-6.95		-.23	51	58	-11
19S 33W 120DC 01	QA, TO	50.10	-.11	-20.54	-25.10	-1.46	-.83	149	175	-14
19S 33W 150BD 01	TO	99.00	-.24	-28.10	-43.00	-2.00	-1.43	33	76	-56
19S 33W 21AAD 01	TO	107.70	-.14		-50.70		-1.69	16	67	-75
19S 33W 25DCD 01	QA, TO	90.44	.75	-30.74	-48.44	-2.19	-1.61	123	172	-28
19S 33W 29CBB 02		120.50	2.69	-19.50	-44.50	-1.39	-1.48	53	98	-45
19S 33W 34DCC 01	QA, TO	96.45	.11	-17.05	-46.45	-1.21	-1.54	65	112	-41
19S 34W 16AAD 01	TO	59.00			-9.00		-.30	21	30	-30
19S 34W 3488B 01	TO									
20S 31W 14C8C 01	QA, TO									
20S 32W 07C8A 01		78.30	-1.68		-45.30		-1.51	125	171	-26
20S 32W 16DAD 01	TO	123.85	-1.26		-66.85		-2.22	31	98	-68
20S 32W 20A0B 01										
20S 32W 308CD 01	TO	81.08	-2.00		-56.08		-1.86	105	162	-34
20S 32W 32DCC 01	QA, TO									
20S 33W 020BB 01		101.90	-2.94	-25.29	-51.90	-1.80	-1.73	53	105	-49
20S 33W 05B8B 01	TO	117.20			-50.20		-1.67	7	58	-86
20S 33W 0988B 01	TO	96.51	-1.80	-12.00	-36.51	-.85	-1.21	31	68	-53
20S 33W 108BC 01	QA, TO	110.55	-.76		-60.55		-2.01	66	127	-47
20S 33W 17B8B 01	TO	115.80	-2.69	-30.95	-53.80	-2.21	-1.79	16	70	-76

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
SCOTT COUNTY -- CONTINUED										
20S 33W 21ABD 01		116.00		-65.01	-68.00	-4.64	-2.26	31	99	-68
20S 33W 26CBB 03	TO	96.89	-.81		-53.89		-1.79	56	110	-48
20S 33W 35DBA 01	QA, TO	91.77	-1.78	-38.48	-51.77	-2.74	-1.72	55	107	-48
20S 34W 02D8C 01	TO	80.65		-6.35	-10.65	-.45	-.35	28	39	-27
20S 34W 15BAA 01	TO	103.14			-6.14		-.20	34	41	-14
20S 34W 36CCD 01	TO	79.33	.81		-26.33		-.87	27	54	-48

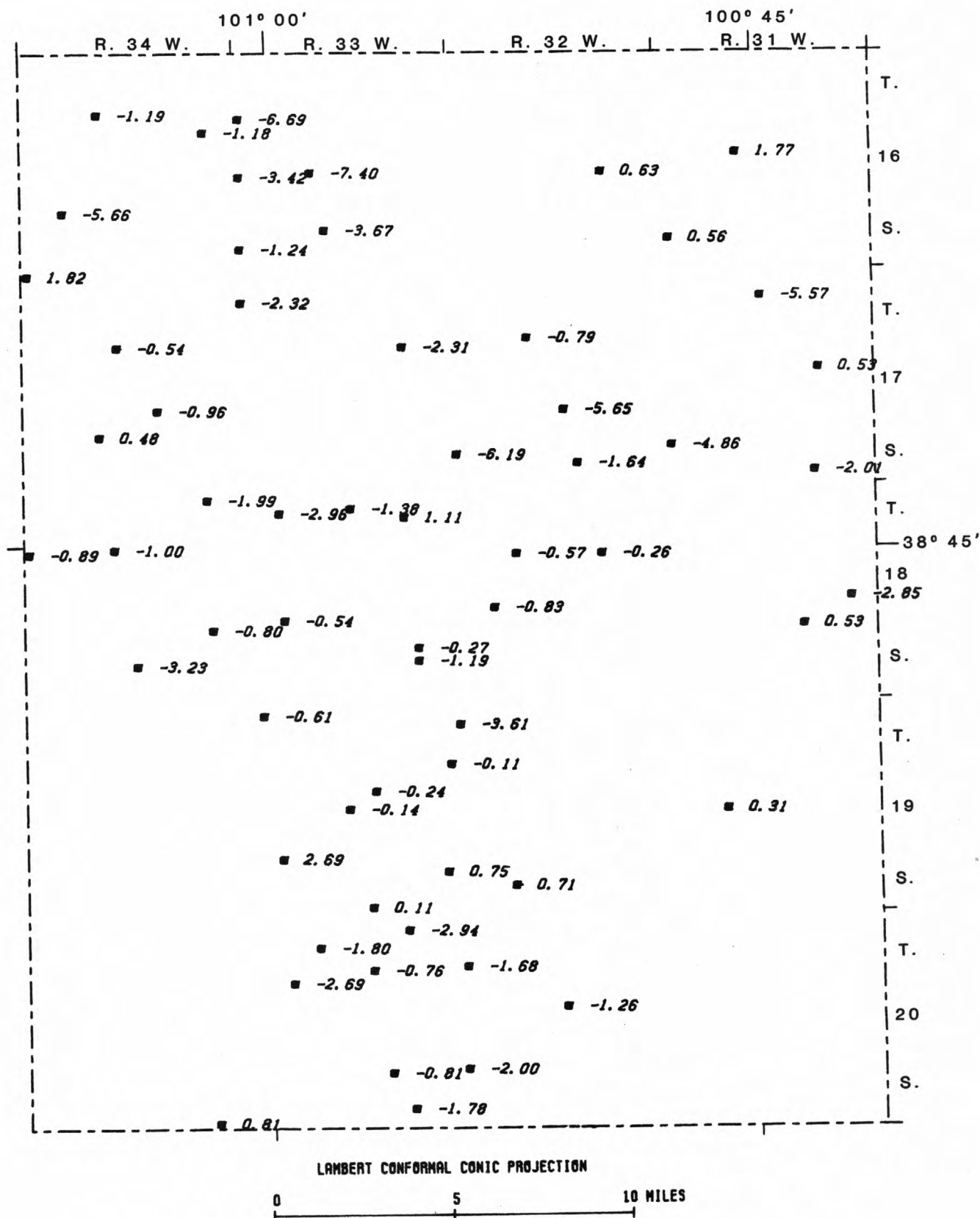
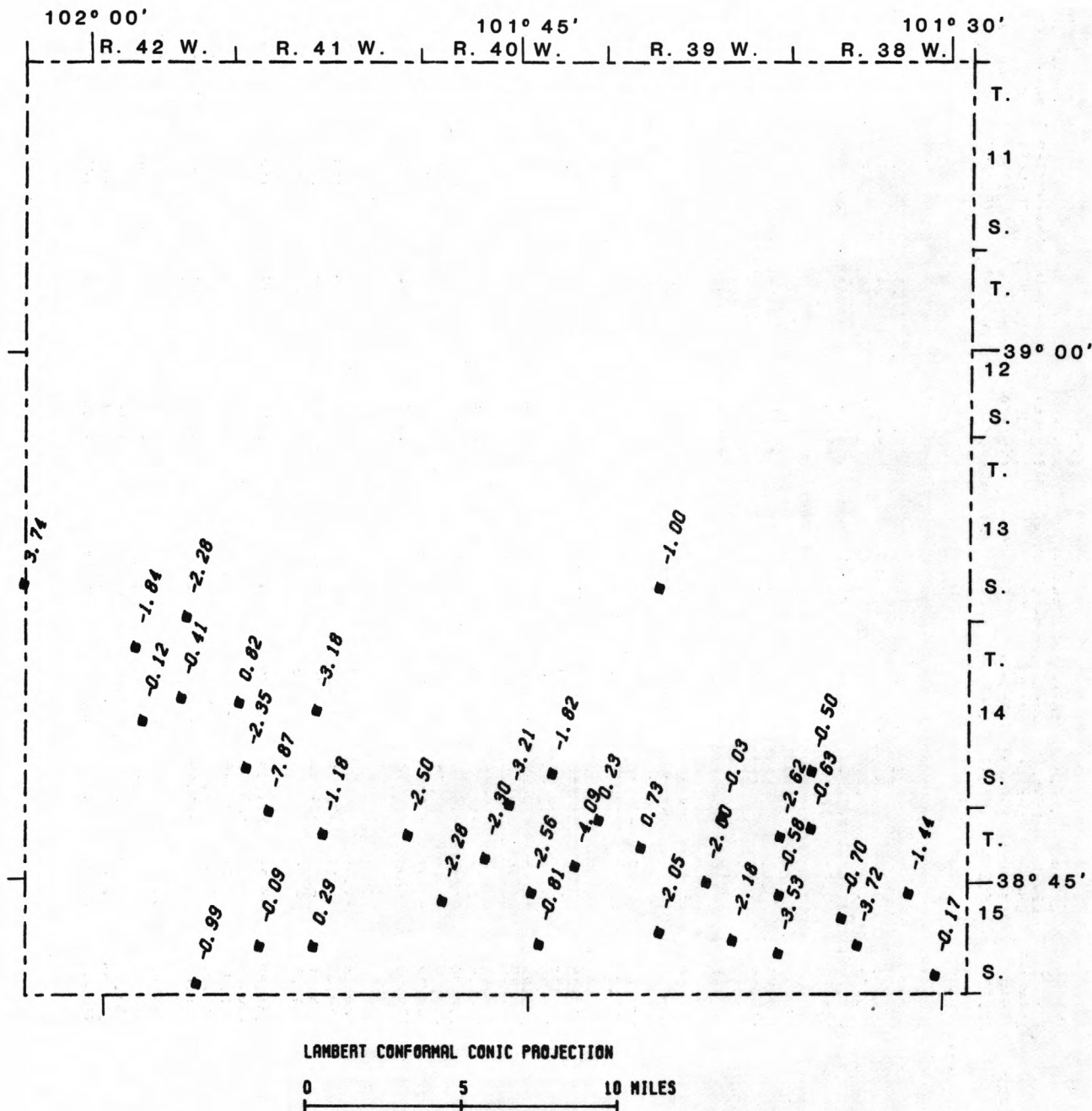


TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
WALLACE COUNTY										
13S 39W 33888 01	TO	28.54	-1.00							
13S 43W 36A88 01	TO	174.01	3.74	-24.93	-25.01	-1.78	-.83	95	121	-20
14S 38W 210CC 01	TO									
14S 38W 29CCC 01	TO	92.90	-.50		-9.90		-.33	58	68	-14
14S 39W 368C8 01	TO									
14S 40W 23ADD 01	TO									
14S 40W 29ABA 01	TO	165.60			-28.60		-.95	64	93	-30
14S 40W 35ABA 01	TO	134.37	-1.82		-34.37		-1.14	95	130	-26
14S 41W 180CB 01	TO	141.58	.82		-35.58		-1.18	245	281	-12
14S 41W 22888 01	TO	118.55	-3.18	-32.42	-34.55	-2.31	-1.15	99	134	-25
14S 41W 280CA 01	TO									
14S 41W 300DC 01	TO	175.03	-2.35		-44.03		-1.46	92	137	-32
14S 42W 02AA8 01	TO	177.18	-2.28	-26.28	-34.18	-1.87	-1.13	222	257	-13
14S 42W 108BA 01	TO	173.37	-1.84		-40.37		-1.34	229	270	-14
14S 42W 140BD 01	TO	141.56	-.41	-24.11	-40.56	-1.72	-1.35	258	299	-13
14S 42W 228DD 01	TO	169.87	-.12		-36.87		-1.22	262	299	-12
14S 42W 308CA 01	TO	186.16		-26.56	-51.16	-1.89	-1.03	199	231	-13
15S 38W 05CC8 01	TO	101.59	-.63		-25.59		-.85	42	68	-37
15S 38W 07888 01	TO	132.70	-2.62	-26.76	-42.70	-1.91	-1.42	45	88	-48
15S 38W 14CCD 01	TO	101.53	-1.44	-20.40	-51.53	-1.45	-1.05	48	80	-39
15S 38W 18CCC 01	TO	142.92	-.58		-52.92		-1.76	33	86	-61
15S 38W 21CHC 01	TO	137.20	-.70	-34.65	-52.20	-2.47	-1.74	42	95	-54
15S 38W 280BB 01	TO	145.30	-3.72	-38.99	-63.30	-2.78	-2.11	56	120	-52
15S 38W 30CCB 01	TO	147.86	-3.53	-39.13	-62.86	-2.79	-2.09	84	147	-42
15S 38W 36CBB 01	TO	112.36	-.17	-31.50	-36.36	-2.25	-1.21	40	77	-47
15S 39W 028CD 01	TO	152.63	-.03	-27.55	-43.63	-1.96	-1.45	42	86	-50
15S 39W 06CBA 01	TO	148.04	.23	-29.24	-42.04	-2.08	-1.40	74	117	-35
15S 39W 08ACC 01	TO	158.31	.73	-28.57	-45.31	-2.02	-1.51	63	109	-41
15S 39W 150BA 01	TO	157.63	-2.00		-47.63		-1.58	47	95	-50
15S 39W 26ACC 01	TO	144.38	-2.18	-32.81	-54.38	-2.34	-1.81	94	149	-36
15S 39W 2888D 01	TO	109.45	-2.05	-33.20	-44.45	-2.37	-1.48	90	135	-32
15S 40W 038AB 01	TO	119.11	-3.21	-34.05	-33.11	-2.43	-1.10	134	168	-19
15S 40W 078BB 01	TO	149.10	-2.50	-32.40	-32.10	-2.31	-1.07	110	143	-22
15S 40W 09DCB 01	TO	125.05	-2.30	-34.25	-40.05	-2.44	-1.33	135	176	-22
15S 40W 138AA 01	TO	146.05	-4.09	-34.08	-42.05	-2.43	-1.40	95	138	-30
15S 40W 14CCC 01	TO	118.36	-2.56		-37.36		-1.24	139	177	-21
15S 40W 2088D 01	TO	128.28	-2.28		-54.28		-1.14	142	177	-19
15S 40W 26CAB 01	TO	127.91	-.81	-25.86	-27.91	-1.84	-.93	117	145	-19
15S 40W 300BB 01	TO	145.95		-31.26	-36.95	-2.23	-1.23	119	156	-23
15S 41W 05ACB 01	TO	186.82	-7.87	-39.62	-50.82	-2.83	-1.69	48	99	-51

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
WALLACE COUNTY -- CONTINUED										
158 41W 10BAB 01	TO	194.75	-1.18	-30.96	-37.75	-2.21	-1.25	69	107	-35
158 41W 27CBC 01	TO	180.56	.29		-35.56		-1.18	49	85	-41
158 41W 29CAC 01	TO	205.89	-.09		-45.89		-1.52	24	70	-65
158 41W 36DOB 01	TO	139.55		-26.38	-35.55	-1.88	-1.18	125	161	-22
158 42W 02888 01	TO	191.20		-24.25	-32.20	-1.73	-1.07	33	66	-48
158 42W 09BDD 01	TO	220.90		-34.30	-38.90	-2.45	-1.29			
158 42W 328DA 01	TO									
158 42W 36CDC 01	TO	241.01	-.99	-26.83	-47.01	-1.91	-1.56	28	76	-61



WATER-LEVEL CHANGE IN WALLACE COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
WICHITA COUNTY										
16S 35W 01DCD 01	TO	89.95		-10.35	-11.95	-.73	-.39	19	31	-38
16S 35W 06AAB 01	TO	81.03	2.36	.51	-10.03	.03	-.33	36	47	-21
16S 35W 13CCC 01	TO	153.76	-1.68	-27.16	-35.76	-1.94	-1.19	16	52	-68
16S 35W 20CCC 01	TO	154.18	-.02	-29.50	-51.18	-2.10	-1.70	34	86	-59
16S 35W 27BBC 01	TO	158.10	-5.06	-36.10	-51.10	-2.57	-1.70	7	59	-86
16S 35W 32BBC 01	TO	144.37								
16S 36W 03DCC 01	TO	124.85			-37.85		-1.26	13	51	-74
16S 36W 07BCB 01	TO	112.60	-3.80	-20.80	-32.60	-1.48	-1.08	27	60	-54
16S 36W 14CCD 01	TO	138.93	-.90	-24.18	-50.93	-1.72	-1.69	65	116	-43
16S 36W 17ABC 01	TO	132.17	-1.35	-33.67	-49.17	-2.40	-1.63	24	74	-66
16S 36W 21CCC 01	TO	145.32	-1.15	-45.42	-61.32	-3.24	-2.04	59	121	-50
16S 36W 25BBB 01	TO	145.24		-24.66	-50.24	-1.76	-1.67	56	107	-46
16S 36W 30CBC 01	TO	147.35	-1.13	-38.05	-60.35	-2.71	-2.01	70	131	-46
16S 36W 34CCC 01	TO	132.78	-2.40	-30.48	-42.78	-2.17	-1.42	54	97	-44
16S 36W 35CCC 01	TO	135.20	-2.75	-29.00	-40.20	-2.07	-1.54	65	106	-37
16S 36W 36CBC 01	TO	129.70		-24.25	-38.70	-1.73	-1.29	70	109	-35
16S 37W 04DCC 01	TO	123.35	-.31		-43.35		-1.44	25	69	-62
16S 37W 13BBC 01	TO	125.10	-1.02	-32.40	-47.10	-2.31	-1.57	25	73	-64
16S 37W 15CCC 01	TO	145.27	-1.33	-38.57	-62.27	-2.75	-2.07	58	121	-51
16S 37W 17BBB 01	TO	139.31	-1.99	-38.31	-53.31	-2.73	-1.77	54	108	-49
16S 37W 27ABC 01	TO	149.15	-1.01	-37.25	-61.15	-2.66	-2.03	60	122	-50
16S 37W 29BBB 01	TO	147.40	-.29	-43.60	-61.40	-3.11	-2.04	71	133	-46
16S 37W 30ACB 01	TO	147.44	.71	-35.24	-59.44	-2.51	-1.98	52	112	-53
16S 38W 05BBB 01	TO	145.37	-2.07	-41.37	-58.37	-2.95	-1.94	76	135	-43
16S 38W 10ABB 01	TO	139.18	-2.40	-42.82	-56.18	-3.05	-1.87	68	125	-44
16S 38W 16ACC 01	TO		-1.47		-40.22		-1.34	59	100	-40
16S 38W 19BBB 01	TO	120.22	-2.17	-22.05	-59.07	-1.57	-1.96	62	122	-48
16S 38W 26BBB 01	TO	134.07	-.76	-34.63	-46.90	-2.47	-1.56	53	100	-46
16S 38W 29ADB 01	TO	126.90	-.98		-38.25		-1.27	41	80	-47
17S 35W 02BBB 01	TO	147.25								
17S 35W 15CDC 01	TO	131.80	-3.08	-21.80	-33.80	-1.55	-1.12	72	106	-31
17S 35W 18ACB 01	TO	136.82		-26.02	-39.82	-1.85	-1.32	58	98	-40
17S 35W 27CCC 01	TO	145.08	.26	-35.48	-54.08	-2.53	-1.80	64	119	-45
17S 35W 30CBB 01	TO	157.67	-1.61	-31.07	-63.67	-2.21	-2.12	60	124	-51
17S 36W 05CCD 01	TO	140.63		-28.48	-45.63	-2.03	-1.52	46	92	-49
17S 36W 10CBB 01	QA, TO	53.42	-1.36		-24.42		-.81	43	68	-35
17S 36W 20DOB 01	TO	84.42		-27.62	-36.42	-1.97	-1.21	59	96	-37
17S 36W 23BCC 01	TO	153.62	.49	-28.27	-53.62	-2.01	-1.78	74	128	-41
17S 36W 33CBB 01	TO	141.20	-1.80	-27.90	-43.20	-1.99	-1.44	66	110	-39
17S 36W 36BBB 01	TO	156.51	-1.91	-31.41	-62.51	-2.24	-2.08	59	122	-51

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
WICHITA COUNTY -- CONTINUED										
17S 37W 03AAB 01	TO	132.80	-1.14	-28.77	-43.80	-2.05	-1.46	51	95	-46
17S 37W 08BAA 01	TO	129.84	-5.31	-28.64	-45.84	-2.04	-1.52	66	112	-40
17S 37W 13CDD 01	TO	104.28	-8.42		-34.28		-1.14	70	105	-32
17S 37W 22CCC 01	TO	131.42	-1.33	-27.03	-39.42	-1.93	-1.31	63	103	-38
17S 37W 28CCC 01	TO	131.42	.86	-33.02	-46.42	-2.35	-1.54	58	105	-44
17S 38W 01BAA 01	TO	125.77	-3.57	-17.35	-40.77	-1.23	-1.35	59	100	-40
17S 38W 06BDD 01	TO	105.22	.08	-17.89	-19.22	-1.27	-.64	39	59	-32
17S 38W 10AAB 01	TO	114.42			-31.42		-1.04	95	127	-24
17S 38W 12DCB 01	TO	50.58	-.80	-24.49	-29.58	-1.74	-.98	73	103	-28
17S 38W 21BBB 01	TO	119.93	-.03	-19.55	-19.93	-1.39	-.66	45	65	-30
17S 38W 24ACC 01	TO	124.34	-.85	-19.84	-38.34	-1.41	-1.27	85	124	-30
17S 38W 27ACD 01	TO	133.06	-2.09		-38.06		-1.26	40	79	-48
17S 38W 28CCC 01	TO	139.54	3.22	-25.91	-34.54	-1.85	-1.15	50	85	-40
18S 35W 02ACC 01	TO	127.50	-1.20	-23.50	-39.50	-1.67	-1.31	42	82	-48
18S 35W 08BBB 02	TO	131.28			-49.28		-1.64	54	104	-47
18S 35W 14DCD 01	TO	113.14	-2.04	-22.02	-33.14	-1.57	-1.10	23	57	-58
18S 35W 17DAA 01	TO									
18S 35W 34ABB 01	TO	114.77	-1.07	-16.87	-29.77	-1.20	-.99	28	58	-51
18S 36W 02DCB 01	TO	126.66	-.74	-22.69	-36.66	-1.62	-1.22	71	108	-33
18S 36W 09BBB 01	TO	130.20	-.14	-29.16	-49.20	-2.08	-1.64	64	114	-43
18S 36W 15DAD 01	TO	86.65	-3.05		-26.65		-.88	78	105	-25
18S 36W 18DUC 01	TO	127.10	-1.35	-37.08	-45.10	-2.64	-1.50	46	92	-49
18S 36W 29ABB 01	TO	119.10	1.63	-26.78	-34.10	-1.91	-1.13	51	86	-39
18S 36W 36CCC 01	TO	78.20	.10	-8.60	-8.20	-.61	-.27	41	50	-16
18S 37W 01BBB 01	TO	136.40	-3.84	-27.99	-56.40	-1.99	-1.88	37	94	-60
18S 37W 03CCC 01	TO	143.95	-.76		-53.95		-1.79	57	111	-48
18S 37W 05CBB 01	TO	147.60	-2.07		-58.60		-1.95	48	107	-54
18S 37W 14BBB 01	TO	131.15	-2.09		-58.15		-1.93	58	117	-49
18S 37W 19AAD 01	TO	140.27	1.11	-31.72	-54.27	-2.26	-1.80	26	81	-67
18S 37W 21BBB 01	TO	152.78		-39.13	-67.78	-2.79	-2.25	22	90	-75
18S 37W 34BBB 01	TO	97.90	-3.37	-27.20	-35.90	-1.94	-1.19	32	68	-52
18S 37W 36ABB 01	TO	105.44	-.90	-16.11	-29.44	-1.15	-.98	49	79	-37
18S 38W 02BCC 01	TO	148.08	.20	-32.33	-53.08	-2.30	-1.76	50	104	-51
18S 38W 08BBB 01	TO	124.83	-.73		-42.83		-1.42	57	100	-42
18S 38W 12BCC 01	TO	155.03	-3.08	-37.63	-64.03	-2.68	-2.13	46	111	-57
18S 38W 20ACC 02	TO									
18S 38W 23BAB 01	QA, TO	29.69			-6.69		-.22	78	85	-7
18S 38W 31BCC 01	TO	123.89	1.85	-15.15	-14.89	-1.08	-.49	24	39	-38
18S 38W 36DDD 01	TO	80.75	1.67	1.66	-2.75	.11	-.09	48	51	-5
19S 35W 01AAA 01	TO									

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, WEST-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1950-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-80
WICHITA COUNTY -- CONTINUED										
19S 35W 0888B 01	TO	95.66	-3.16		-10.66		-.35	39	50	-21
19S 35W 298CB 01	TO	39.46			-7.46		-.24			
19S 36W 158AA 01	TO	78.50	-1.05		-7.50		-.25	33	41	-18
19S 37W 22AAB 01	TO	105.60	.67		-7.60		-.25	32	40	-19
19S 38W 14AAB 01	TO									
19S 38W 18DCC 01	TO									
19S 38W 26CCB 01	TO	107.05	-1.00		-11.05		-.36	65	77	-14
19S 38W 31CBC 01	TO	139.56	-.67		.44		.01	65	65	
20S 35W 15BCC 01	QA, TO									
20S 36W 14DAD 01	TO	97.30	-.80	-3.10	-3.30	-.22	-.11	10	14	-23
20S 37W 29DCC 01	TO	116.88	-1.26		-18.88		-.62	22	41	-46
20S 38W 17C8D 01	TO	144.45	-2.04		-9.45		-.31	87	97	-9
20S 38W 338BA 01	TO	139.25	1.57	-5.25	-13.25	-.37	-.44	65	79	-16

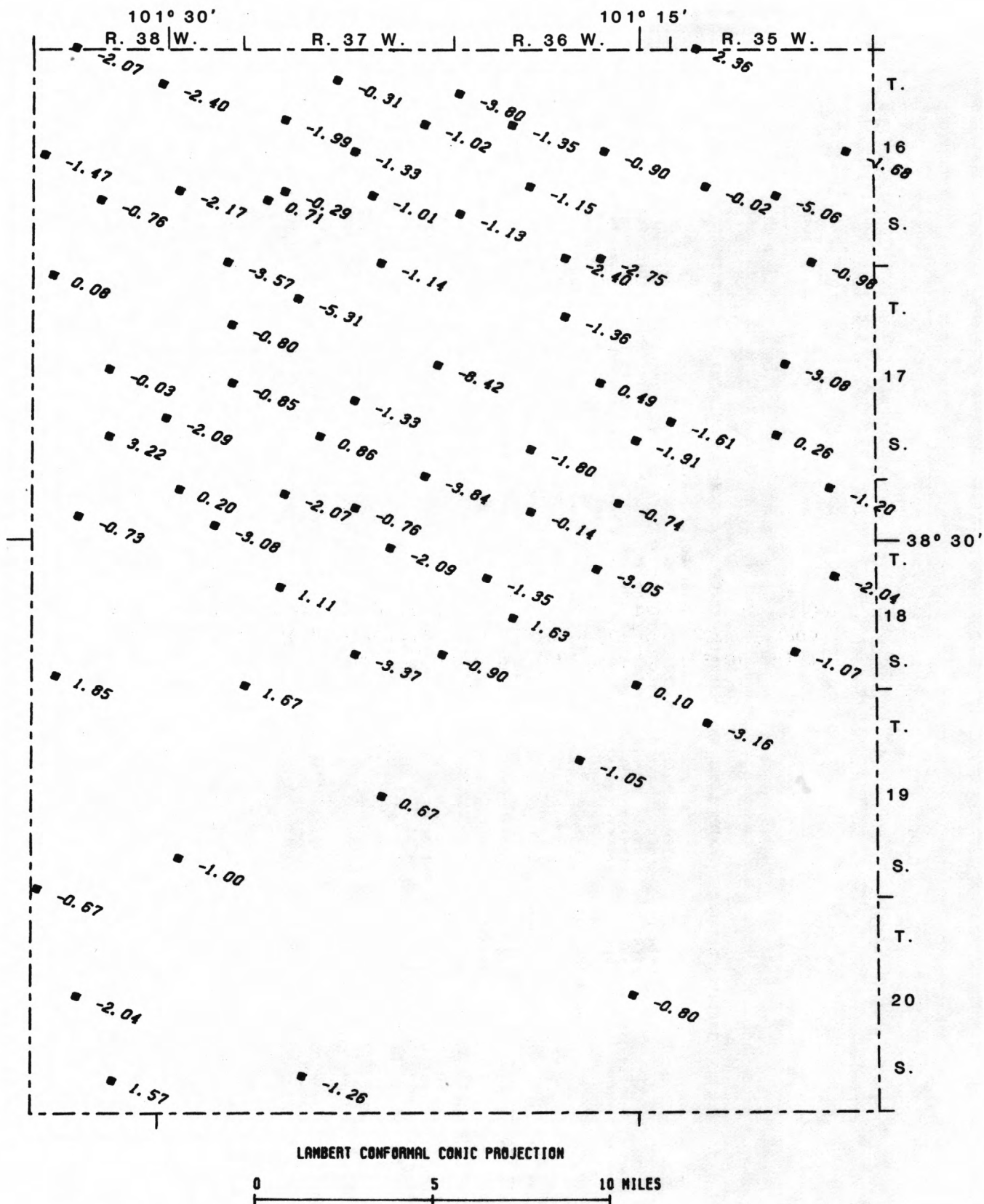


Table 2.--Changes in water level and saturated thickness, accompanied by county maps showing locations of observation wells and 1979-80 water-level changes, southwestern Kansas

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
FINNEY COUNTY										
21S 29W 36CCB 01	QA	22.40	.09	-4.65	-5.40	-.33	-.13		6	-90
21S 30W 05888 01	QU, TO	40.30	-.42	-11.68	-5.30	-.83	-.13	37	43	-12
21S 31W 08A88 01	QU, TO	47.18		1.38	7.82	.09	.19	25	18	43
21S 32W 08A80 01	QU	88.80	-2.76	-47.47	-52.80	-3.39	-1.32	61	114	-46
21S 32W 20CAC 01	QU, TO	87.97	-4.50	-42.86	-56.97	-3.06	-1.42	112	169	-33
21S 33W 02ACB 01	QU, TO	78.51	-6.05	-39.25	-51.51	-2.80	-1.28	82	134	-38
21S 33W 0700AA 01	QU	70.08	-.88	-21.78	-37.08	-1.55	-.92	24	62	-59
21S 33W 26DAA 01	QU, TO	104.57	4.16	-5.69	-8.57	-.40	-.21	66	75	-11
21S 33W 31C88 02	QU, TO	87.12	-2.78	-54.79	-57.12	-3.91	-1.42	12	70	-81
21S 34W 14D88 01	KN	102.78	-2.80	-33.76		-2.41				
21S 34W 16AADA02	QU, TO	93.03	.30	2.33	-13.03	.16	-.32	26	40	-32
22S 27W 14ADC 01	KJ	184.56	2.84							
22S 31W 12CDC 02	QU, TO	93.94	1.81	-8.59	-10.94	-.61	-.27	41	52	-21
22S 31W 16ADD 01	QU, TO	101.17		-15.64	-17.17	-1.11	-.42	79	97	-17
22S 31W 35A88 01	QU, TO	97.45	-.77	-17.01	-25.45	-1.21	-.63	51	77	-33
22S 32W 08ACB 01	QU, TO	73.38		-33.38	-40.38	-2.38	-1.00	150	191	-21
22S 32W 21CCD 01	QU, TO	108.25	-2.99	-41.78	-50.25	-2.98	-1.25	89	140	-35
22S 33W 03DBC 01	QU, TO	92.40	-4.45	-59.35	-59.40	-4.23	-1.48	105	165	-36
22S 33W 17ADB 01	KN	88.73	-3.85							
22S 33W 17DCD 02	QU, TO	116.79	-5.58	-74.49	-83.79	-5.32	-2.09	24	108	-77
22S 33W 22BAA 01	QU, TO	91.64	-2.74	-44.46	-51.64	-3.17	-1.29	98	150	-34
22S 33W 32CBC 01	QU, TO									
22S 33W 36AAA 02	QU, TO	67.82	-1.53	-46.24	-53.82	-3.30	-1.34	132	186	-28
22S 34W 08BCB 01	KN	131.22	8.93	-22.32		-1.59				
22S 34W 10AAA 01	QU, TO	109.32	-.92	-50.08	-66.32	-3.57	-1.65	43	110	-60
22S 34W 26ADD 01	QU, TO									
22S 34W 32BCB 01	QU, TO	169.52		-75.41	-101.52	-5.38	-2.53	65	167	-60
23S 27W 12CCC 01	QU, TO	62.04	.20	.48	-3.04	.03	-.07	9	13	-23
23S 27W 22DAB 01	QU, TO	83.57	1.33							
23S 28W 22DCD 01	QU, TO	74.70								
23S 28W 34DDC 01	QU, TO	90.81	-.49							
23S 29W 30888 01	QU, TO	77.65	-.34							
23S 29W 34CDD 01	TO	87.34	-1.33	-3.34	-3.34	-.23	-.08	59	63	-5
23S 30W 04CAC 01	QU, TO									
23S 30W 19CCB 01	QU, TO	84.41		-2.21	4.59	-.15	.11	57	53	8
23S 31W 03DCD 01	QU, TO	101.94	-3.72	-18.91	-29.94	-1.35	-.74	65	95	-31
23S 31W 35CCC 01	QU, TO	109.97	-.47	-13.21	-14.97	-.94	-.37	90	105	-14
23S 32W 11ADC 01	QU, TO									
23S 32W 188CD 01	QU, TO									
23S 32W 19C8B 01	QU, TO	108.59	.96	-63.84	-72.59	-4.56	-1.81	201	274	-26

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
FINNEY COUNTY -- CONTINUED										
23S 32W 22DAB 01	QU, TU	143.17		-34.06	-43.17	-2.43	-1.07	129	173	-24
23S 32W 31CA 01	QU, TU	98.10	1.22	-48.70	-57.10	-3.47	-1.42	225	283	-20
23S 33W 10DCC 01	QU, TU	118.83	.94	-81.23	-93.83	-5.80	-2.34	186	280	-33
23S 33W 17888 01	QU, TU									
23S 33W 26A88 01	QU, TU	98.59		-48.19	-56.59	-3.44	-1.41	228	285	-19
23S 33W 28CDC 01	QU, TU	130.94	-3.05	-69.69	-84.94	-4.97	-2.12	208	293	-28
23S 33W 32A88 01	QU, TU	133.15	-4.05	-67.81	-84.15	-4.84	-2.10	216	301	-27
23S 34W 010DC 01	QU, TU									
23S 34W 038CB 01	QU, TU	162.99	-9.49	-86.99	-112.99	-6.21	-2.82	140	253	-44
23S 34W 09088 01	QU, TU	143.35	-5.82	-78.97	-103.35	-5.64	-2.58	189	293	-35
23S 34W 1480C 01	QU, TU	147.31	-5.71	-84.21	-108.31	-6.01	-2.70	182	291	-37
23S 34W 17CCC 01	QU, TU	148.88	-6.69	-78.81	-102.88	-5.62	-2.57	200	303	-33
23S 34W 210DC 01	QU, TU	144.72	-4.76	-73.08	-103.72	-5.22	-2.59	211	315	-32
23S 34W 26CCC 01	QU, TU	138.88	-6.06	-65.58	-84.88	-4.68	-2.12	205	290	-29
23S 34W 28CDA 01	QU, TU	138.30	-5.84	-67.35	-92.30	-4.81	-2.30	225	318	-29
24S 31W 110BD 01	QU, TU	127.51	2.41	-12.22	-13.51	-.87	-.33	113	127	-10
24S 31W 27CCB 01	QU, TU	128.24	-1.24	-8.68	-14.24	-.62	-.35	166	181	-7
24S 31W 318CD 01	QA	16.67		-7.52	-6.67	-.53	-.16	217	224	-2
24S 32W 03DAC 01	QU, TU	99.73	-.93	-18.79	-29.73	-1.34	-.74	199	229	-12
24S 32W 058CB 01	QU, TU	88.44	.46	-39.15	-43.44	-2.79	-1.08	224	268	-16
24S 32W 25CBB 02		17.99	-.34		-8.99		-.22	212	221	-4
24S 32W 29AC 01	QA	54.52		-25.63	-19.52	-1.83	-.48	240	260	-7
24S 32W 35DD 01	QU, TU	58.70	-.10	-11.41	-17.70	-.81	-.44	217	235	-7
24S 33W 09CCD 01	QU									
24S 33W 148CB 01	QU, TU	37.30	-3.10		-19.30		-.48	306	326	-5
24S 33W 188DB 01		45.36								
24S 33W 22DCA 01	QU, TU	106.83	-2.65		-35.83		-.89	298	334	-10
24S 33W 28DAA 01	QU, TU	89.55	-2.22		-55.55		-1.38	296	352	-15
24S 33W 31CCA 01	TU	84.95	-4.85							
24S 33W 3280B 02		86.95	-2.35							
24S 33W 34CAC 01	QU, TU	114.70	-3.95		-54.70		-1.36	320	375	-14
24S 34W 018CBB01	QU, TU	79.47	-4.77	-54.73	-67.47	-3.90	-1.68	236	304	-22
24S 34W 05AAB 01	QU, TU	104.68		-46.98	-49.68	-3.35	-1.24	260	310	-16
25S 31W 11C8C 01	QA, QU	25.90	1.40		-4.90		-.12	154	159	-3
25S 31W 19C8D 01	QA	81.87	-2.07	-16.68	-10.87	-1.19	-.27	213	224	-4
25S 31W 21CAB 01	QU	33.50		-13.02	-6.50	-.93	-.16	194	201	-3
25S 31W 350BA 01	QU									
25S 32W 220BD 01	QU, TU									
25S 32W 31DD 01	QU, TU	91.78	-2.23	-29.92	-27.78	-2.13	-.69	413	441	-6
25S 32W 35A0B 01	QU, TU	86.63	-2.53	-18.63	-19.63	-1.33	-.49	330	350	-5

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
FINNEY COUNTY -- CONTINUED										
25S 32W 35ADB 01	QU,TO	86.63	-2.53	-18.63	-19.63	-1.33	-.49	330	350	-5
25S 33W 03BCC 01		52.30								
25S 33W 05ABD 01	QU,TO	100.40	-3.65		-48.40		-1.21	409	458	-10
25S 33W 09ABD 01	QU,TO	101.17	-1.47		-51.17		-1.27	412	464	-11
25S 33W 15DAC 01	QU,TO	121.48	-2.14		-50.48		-1.26	413	464	-10
25S 33W 17DBD 01	QU,TO	119.16	-2.82		-41.16		-1.02	410	452	-9
25S 33W 21CAC 01	QU,TO	104.54	-1.24	-25.54	-24.54	-1.82	-.61	430	455	-5
25S 33W 35DBD 01	QU,TO	93.10	-2.94		-30.10		-.75	380	411	-7
25S 34W 06AAA 01	QU,TO	92.26	-3.20		-40.26		-1.00	304	345	-11
25S 34W 10ABB 01	QU,TO	83.55	-2.60		-21.55		-.53	328	350	-6
25S 34W 18ACA 01	QU	96.50								
25S 34W 25ABC 01	QU									
25S 34W 34DBD 01	QU,TO	94.90	-4.58	-24.90	-29.90	-1.77	-.74	345	375	-7
26S 31W 01DDA 01	QU,TO	92.00	-6.16	-17.94	-17.00	-1.28	-.42	209	226	-7
26S 31W 06BBB 01	QU,TO	75.25	-2.73	-19.65	-20.25	-1.40	-.50	251	272	-7
26S 31W 31CDC 01	QU,TO	121.02	-2.54	-34.83	-38.02	-2.48	-.95	374	413	-9
26S 31W 36CAB 01	QU,TO	110.03	-3.33	-29.68	-28.03	-2.12	-.70	221	250	-11
26S 32W 22ABB 01	QU,TO	137.36	-3.14	-21.72	-24.36	-1.55	-.60	426	451	-5
26S 32W 35CDA 01	QU,TO	120.14	-2.74	-27.66	-28.14	-1.97	-.70	403	432	-6
26S 33W 03DBB 01	QU,TO	83.12	-5.27	-26.23	-27.12	-1.87	-.67	342	370	-7
26S 33W 12CAD 01	QU,TO	94.15	-3.45	-23.05	-25.15	-1.64	-.62	376	402	-6
26S 33W 26ABB 01	QU,TO	143.70	-2.65	-25.38	-30.70	-1.81	-.76	410	441	-6
26S 34W 30BD 01	QU	149.37		-16.73	-34.37	-1.19	-.85	305	340	-10

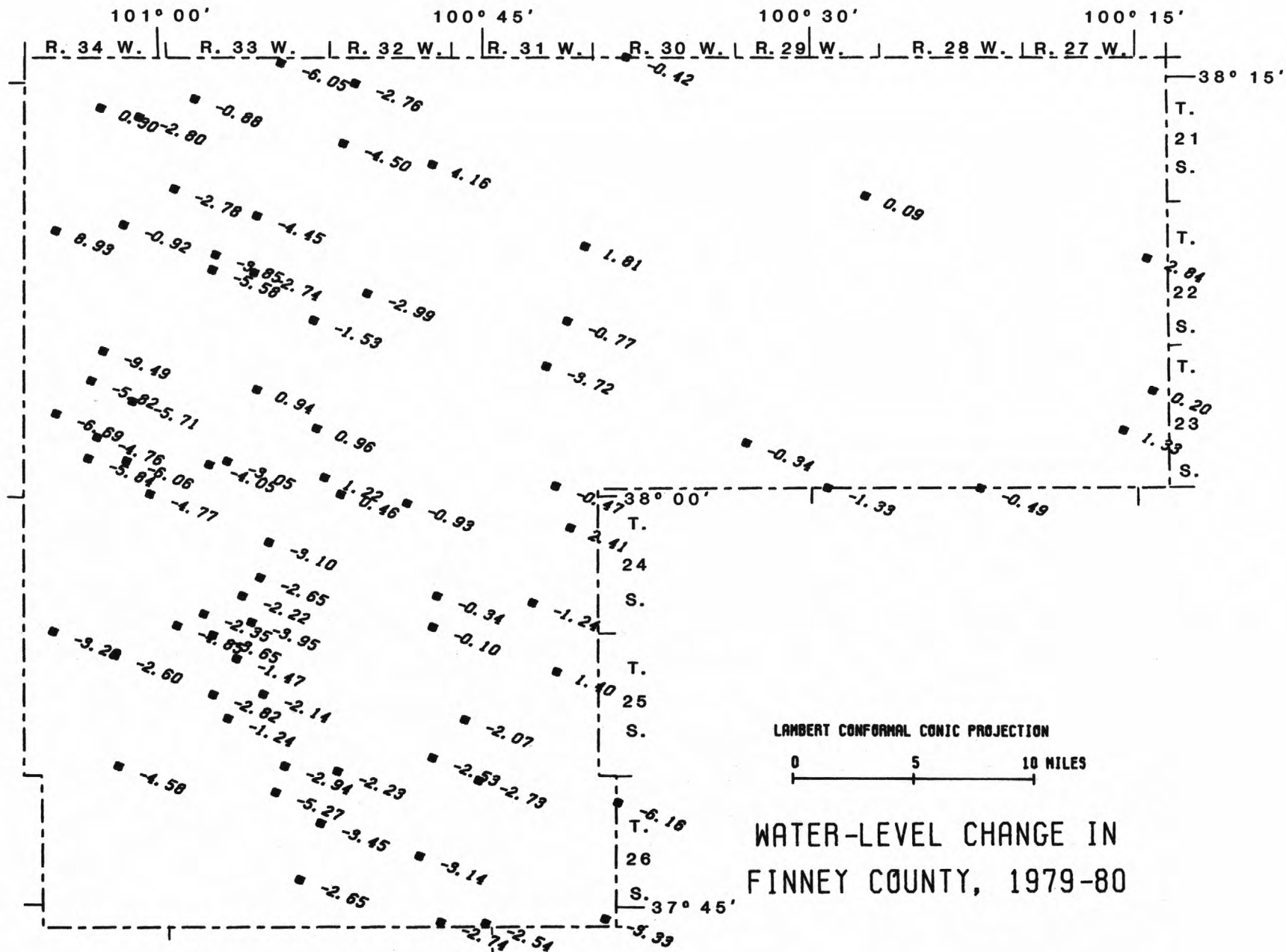
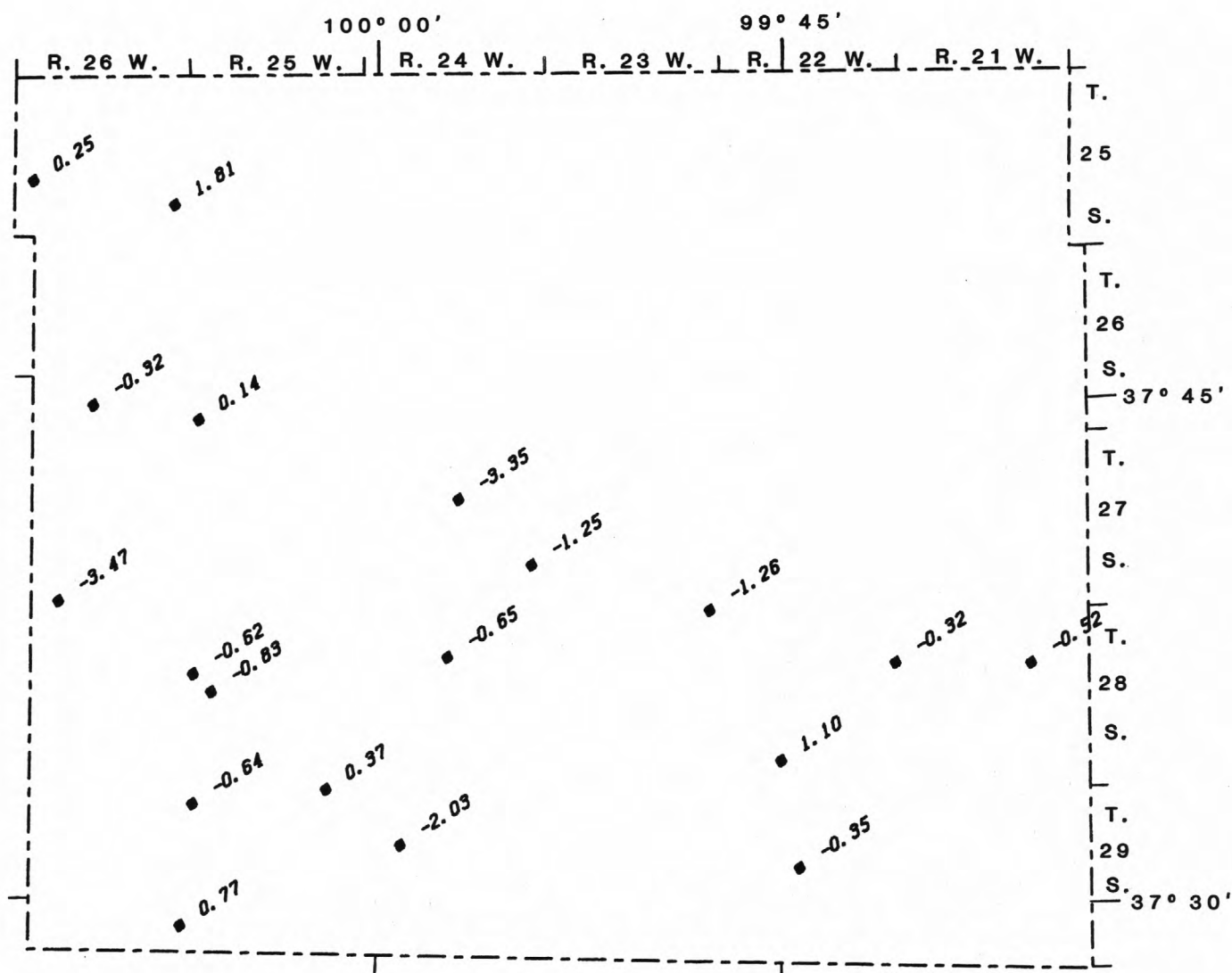


TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
FORD COUNTY										
25S 26W 25CDD 01	TO	75.82	1.81		3.18		.07	111	108	2
25S 26W 30ABC 01	TO	110.42	.25		-6.42		-.16	114	121	-5
26S 26W 32ADD 01	TO	49.76	-.32		-6.76		-.16	78	85	-7
26S 26W 36DCC 01	TO	36.37	.14		-5.37		-.13	131	137	-3
27S 23W 36CCC 01	TO	43.12	-1.26		2.88		.07	103	101	2
27S 24W 16BDA 01	TO	74.28	-3.35							
27S 24W 26DAA 01	TO	87.62	-1.25		-8.62		-.21	103	112	-7
27S 26W 21DAA 01	TO	164.35			-4.35		-.10	34	39	-11
28S 21W 10DDD 01	TO	40.88	-.52		.12			48	48	
28S 21W 11C 01		42.00								
28S 21W 23DBC 01	TO	72.63								
28S 22W 12CAC 01	TO	58.43	-.32		7.57		.18	36	29	26
28S 22W 32BAB 01	TO	121.90	1.10		-.90		-.02	39	40	-2
28S 24W 09CBC 01	TO	131.95	-.65		-6.95		-.17	95	102	-6
28S 25W 19BBB 01	TO	140.02	-.83		-7.02		-.17	124	132	-5
28S 26W 06AAB 01	TO	161.57	-3.47		-28.57		-.71	33	62	-46
28S 26W 13CAA 01		133.71	-.62							
29S 22W 170AD 01	TO	125.90	-.35		-6.90		-.17	114	121	-5
29S 24W 01ABA 01	TO	140.28			-.28			79	80	
29S 24W 18BAA 01	TO	157.53	-2.03		-8.53		-.21	52	61	-13
29S 25W 03ADA 01	TO	176.38	.37		-24.38		-.60	43	68	-35
29S 25W 10BBB 01		152.98								
29S 26W 01CDD 01	TO	91.60	-.64		-13.60		-.34	71	85	-16
29S 26W 15ADB 01		83.14								
29S 26W 36BBB 01	TO	21.98	.77		4.02		.10	190	186	2



WATER-LEVEL CHANGE IN FORD COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
GRANT COUNTY										
27S 35W 17ADD 01	QU, TO	220.53	-3.75	-34.80	-45.53	-2.48	-1.13	241	287	-15
27S 36W 18DCB 01	QU, TO	170.06	-6.92	-53.56	-66.06	-3.82	-1.65	224	291	-22
27S 36W 25CC 01	QU, TO	295.72	-13.98	-42.07	-79.72	-3.00	-1.99	142	222	-35
27S 37W 04ABB 01	QU, TO	150.44	-4.41	-63.99	-80.44	-4.57	-2.01	165	246	-32
27S 37W 11ABA 01	QU, TO	186.69	-5.50	-55.20	-79.69	-3.94	-1.99	181	261	-30
27S 37W 21BDD 01										
27S 37W 29CBB 01	QU, TO	194.57	-6.79	-110.12	-144.57	-7.86	-3.61	124	269	-53
27S 38W 12ADC 01	QU, TO	179.82	-2.34	-114.32	-145.82	-8.16	-3.64	100	246	-59
27S 38W 15BBB 01	KJ	168.50	2.70	-35.58		-2.54				
27S 38W 22CBB 01	QU, TO	172.10	7.16	-95.30	-123.10	-6.80	-3.07	167	291	-42
27S 38W 23CB 01	QU, TO	155.56	-4.14	-57.29	-105.56	-4.09	-2.63	179	285	-37
27S 38W 25BBB 01	QU, TO	202.35	-5.49	-107.00	-156.35	-7.64	-3.90	123	280	-55
27S 38W 32BCC 01	QU, TO	155.83	.52	-50.65	-105.83	-3.61	-2.64	215	321	-32
28S 35W 05BCC 01	QU, TO									
28S 35W 08BBA 01	QU, TO	308.00						139		
28S 35W 15CBB 01	QU, TO	292.76	-16.51	-42.04	-79.76	-3.00	-1.99	216	296	-26
28S 35W 30BBB 01	QU, TO	294.80			-87.80		-2.19	207	295	-29
28S 35W 36ABC 01	QU, TO	292.65	-5.08	-56.24	-70.65	-4.01	-1.76	279	350	-20
28S 36W 02CDD 02	QU, TO, KJ	266.85	1.65	-25.25		-1.80				
28S 36W 21CDD 01	QU, TO	258.71	-4.76	-64.86	-100.71	-4.63	-2.51	171	272	-37
28S 37W 02BBB 03	QU, TO, KJ	223.92	-5.01							
28S 37W 10BCD 02	QU, TO									
28S 37W 30BBU 01	QU, TO	188.41	.43	-84.68	-123.41	-6.04	-3.08	238	362	-34
28S 38W 07BBB 01	QU, TO	215.19	-5.08	-102.73	-159.19	-7.33	-3.97	193	353	-45
28S 38W 08BC 01	QU, TO	219.50	3.26	-99.20	-169.50	-7.08	-4.23	204	374	-45
28S 38W 12BCB 01	QU, TO	173.54	-7.72	-99.14	-136.54	-7.08	-3.41	186	323	-42
28S 38W 12DDD 01	QU, TO	165.55			-125.55		-3.13	199	325	-38
28S 38W 17AAA 01	QU, TO	205.45	-5.69	-87.33	-164.45	-6.23	-4.11	216	381	-43
28S 38W 310BB 01	QU, TO	186.60	-11.82	-86.02	-128.60	-6.14	-3.21	231	360	-35
28S 38W 33BD 03	QU, TO	169.10	-9.69	-73.57	-107.10	-5.25	-2.67	268	376	-28
29S 35W 01CCC 01	QU, TO	268.98	-5.08		-58.98		-1.47	241	300	-19
29S 35W 07CBU 01	QU, TO	271.05	-15.20		-103.05		-2.57	169	273	-37
29S 35W 28ACC 01	QU, TO	231.72	-7.58	-46.26	-84.72	-3.30	-2.11	268	353	-24
29S 36W 04BDB 01	QU, TO									
29S 36W 19BCB 01	QU, TO	179.46		-61.46	-135.46	-4.39	-3.38	225	361	-37
29S 37W 03CDB 01	QU, TO	207.17	-4.28	-74.17	-136.17	-5.29	-3.40	213	350	-38
29S 37W 08CBA 01	QU, TO	201.83	-6.45	-87.31	-155.83	-6.23	-3.89	228	384	-40
29S 37W 22AAB 01	QU, TO									
29S 37W 29BBA 01	QU, TO	243.25		-95.25	-169.25	-6.80	-4.23	260	430	-39
29S 38W 03BAA 01	QU, TO									

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
GRANT COUNTY -- CONTINUED										
29S 38W 08CCC 01	QU,TO	191.10	-14.13	-82.10	-117.10	-5.86	-2.92	288	406	-28
29S 38W 20CDC 01	QU,TU,KJ	133.00	-4.04	-52.13		-3.72				
29S 38W 22C8B 01	QU	137.40	3.09	-63.40	-83.40	-4.52	-2.08	355	439	-18
29S 38W 35CCD 01	QU,TO	168.89	-14.94	-53.71	-94.89	-3.83	-2.37	300	395	-24
30S 35W 020BC 01	QU,TO									
30S 35W 19BCD 01	QU,TO									
30S 36W 0188B 01	QU,TO	189.90	-3.05	-59.48	-91.90	-4.24	-2.29	273	365	-25
30S 36W 04A8B 01	QU,TO,KJ									
30S 36W 0688C 01	QU,TO	254.38	-.97	-62.38	-133.38	-4.45	-3.33	210	344	-38
30S 36W 07AAB 01	QU,TO	219.00		-28.25	-105.00	-2.01	-2.62	262	367	-28
30S 36W 16DAB 01	QU,TO	187.68	-2.13	-46.90	-78.68	-3.35	-1.96	244	323	-24
30S 36W 258CB 01	QA	51.16	-2.74		-36.16		-.90	289	326	-11
30S 36W 3288C 01	QU,TO	153.45	-6.59	-30.91	-40.45	-2.20	-1.01	230	271	-14
30S 37W 02BAA 02	QU,TO	283.39		-61.67	-161.39	-4.40	-4.03	223	385	-41
30S 37W 0308A 01	QU,TO,KJ	263.81	-5.95							
30S 37W 06DCC 01	QU,TO	201.02	-6.22	-58.27	-100.02	-4.16	-2.50	318	419	-23
30S 37W 10DCB 01	QU,TO	216.88	-2.05	-42.94	-105.88	-3.06	-2.64	209	315	-33
30S 37W 20C8C 01	QU	199.54	-6.06	-34.90	-85.54	-2.49	-2.13	185	271	-31
30S 38W 03DCC 01	QU,TO	168.50	-2.33	-43.76	-77.50	-3.12	-1.93	283	361	-21
30S 38W 13CCC 01	QU,TO,KJ	190.31	-1.57	-43.58		-3.11				
30S 38W 15DBC 01	QU	159.17	-2.42	-40.42	-70.17	-2.88	-1.75	200	271	-25
30S 38W 30ACA 01	QU,TO	133.57	-3.11	-51.42	-64.57	-3.67	-1.61	243	308	-20

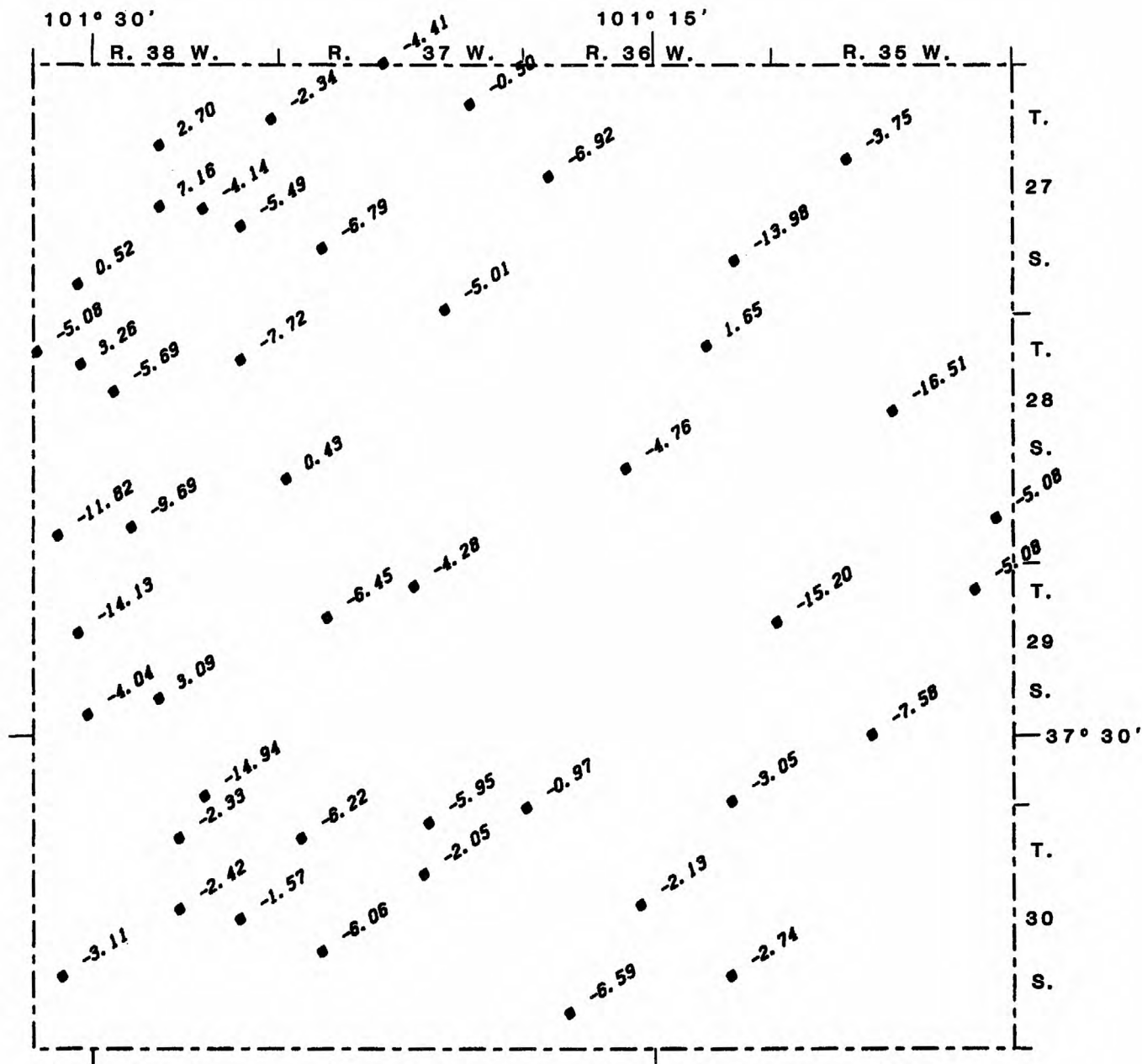


TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
GRAY COUNTY										
24S 27W 08CCC 01	QU,TO									
24S 27W 14ABB 01	QU,TO	68.62	-3.13	-2.42	5.38	-.17	.13	23	18	29
24S 28W 10ADD 01	QU,TO	99.99	-.53		-7.99		-.19	100	108	-7
24S 28W 310D 01	QU,TO	119.58	.89	-31.68	-28.58	-2.26	-.71	144	173	-16
24S 28W 36ACA 01	TO	96.26		-12.89	-11.26	-.92	-.28	38	50	-22
24S 29W 160CA 01	QU,TO	109.95	.53	-13.67	-11.95	-.97	-.29	112	124	-9
24S 29W 18CCB 01	QU,TO	118.92	.20	-9.10	-12.92	-.65	-.32	101	114	-11
24S 30W 01BCB 01	QU,TO	89.04	.82		-.04			80	81	
24S 30W 08DCD 01	QU,TO	132.48	-1.13		-18.48		-.46	105	124	-14
24S 30W 15CCC 01	QU,TO	132.58	-2.26		-18.58		-.46	115	134	-13
25S 27W 33ABB 01	QU,TO	142.03	-4.20	-10.23	-8.03	-.73	-.20	106	115	-6
25S 29W 07BCB 01	QU,TO	139.35	.34	-10.30	-8.35	-.73	-.20	141	150	-5
25S 30W 20BCB 01	QU,TO	14.28	-.78	-4.46	-5.28	-.31	-.13	169	175	-3
25S 30W 22ACD 01	QU,TO	21.65		-6.95	-7.65	-.49	-.19	155	163	-4
26S 27W 13B8C 01	QU,TO	8.54	1.65	-.59	.46	-.04	.01	156	156	
26S 27W 18ADC 01	QU,TO	5.08	2.21		.92		.02	196	196	
26S 27W 27C0D 01	QU,TO	44.08	-.10		-11.08		-.27	177	189	-5
26S 28W 10ACB 02	QU,TO	24.38	2.56	-5.48	-8.38	-.39	-.20	147	156	-5
26S 29W 35CCC 01	QU,TO	86.75	-2.85	-15.10	-14.75	-1.07	-.36	155	170	-8
26S 30W 17AD 01	QU,TO	89.80	-1.73	-17.80	-13.80	-1.27	-.34	229	243	-5
26S 30W 240DD 01	QU,TO	73.95	-3.05		-19.95		-.49	179	199	-10
27S 27W 07ADC 01	QU,TO	89.54	-.43	-15.54	-7.54	-1.11	-.18	96	104	-7
27S 27W 10C0B 01	QU,TO	136.33	-1.63	-12.86	-5.33	-.91	-.13	98	104	-5
27S 27W 25CCD 01	QU,TO	175.05	-.35	-11.20	-8.05	-.80	-.20	52	61	-13
27S 28W 05AAA 01	QU,TO	80.30	-1.99		-14.30		-.35	147	162	-8
27S 28W 30CCA 01	QU,TO	92.44	-2.69		-14.44		-.36	125	140	-10
27S 29W 09DA 01	QU,TO	86.00	-2.70	-25.70	-17.00	-1.83	-.42	194	211	-8
27S 30W 088BB 01	QU,TO	95.62	-3.10	-29.02	-27.62	-2.07	-.69	169	197	-14
27S 30W 23BB 01	QU,TO	90.22	-4.12	-26.32	-22.22	-1.88	-.55	156	179	-12
27S 30W 25CCB 01	QU,TO	134.90	-6.04	-31.85	-24.90	-2.27	-.62	234	259	-9
27S 30W 34CCC 01	QU,TO	131.70	-3.08	-30.70	-29.70	-2.19	-.74	272	302	-9
28S 27W 038BB 01	QU,TO	174.80	-.48		-8.80		-.22	85	94	-9
28S 28W 20ADD 02	QU,TO	148.34	.65	-2.09	-3.34	-.14	-.08	71	75	-4
28S 29W 16ACC 01	QU,TO	153.40	-1.29	-28.40	-32.40	-2.02	-.81	145	178	-18
28S 30W 10DDD 01	QU,TO	153.75	-1.82	-32.85	-38.75	-2.34	-.96	315	354	-10
28S 30W 17BBA 01	TO									
28S 30W 24BAB 01	QU,TO	153.20	-1.54	-33.63	-39.20	-2.40	-.98	275	315	-12
29S 27W 30BCC 01	QU,TO	121.50	-1.16	-18.48	-34.50	-1.52	-.86	158	193	-17
29S 27W 36ABA 01	QU,TO	82.95	-1.26	-28.95	-37.95	-2.06	-.94	265	303	-12
29S 28W 16CCC 01	QU,TO	109.15	-2.13		-29.15		-.72	80	110	-26

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
GRAY COUNTY -- CONTINUED										
299 28W 19DDD 01	QU,TO	114.39		-18.73	-22.39	-1.33	-.55	177	200	-11
299 28W 28CDC 01	TO	110.58	-2.00	-19.38	-22.58	-1.38	-.56	167	190	-11
299 29W 10888 01	TO	111.31	-1.20	-23.51	-26.31	-1.67	-.65	137	164	-16
299 29W 278CB 01	QU,TO	123.75	-2.21		-25.75		-.64	370	396	-6
299 30W 05888 01	QU,TO	165.95	-2.47	-28.45	-35.95	-2.03	-.89	300	336	-10
299 30W 12CCC 01	QU,TO	127.70			-29.70		-.74	350	380	-7
299 30W 2288C 01	QU,TO	177.86	-2.60	-33.22	-33.86	-2.37	-.84	268	302	-11
299 30W 35ACD 01	QU,TO	173.02		-25.17	-27.02	-1.79	-.67	271	299	-9

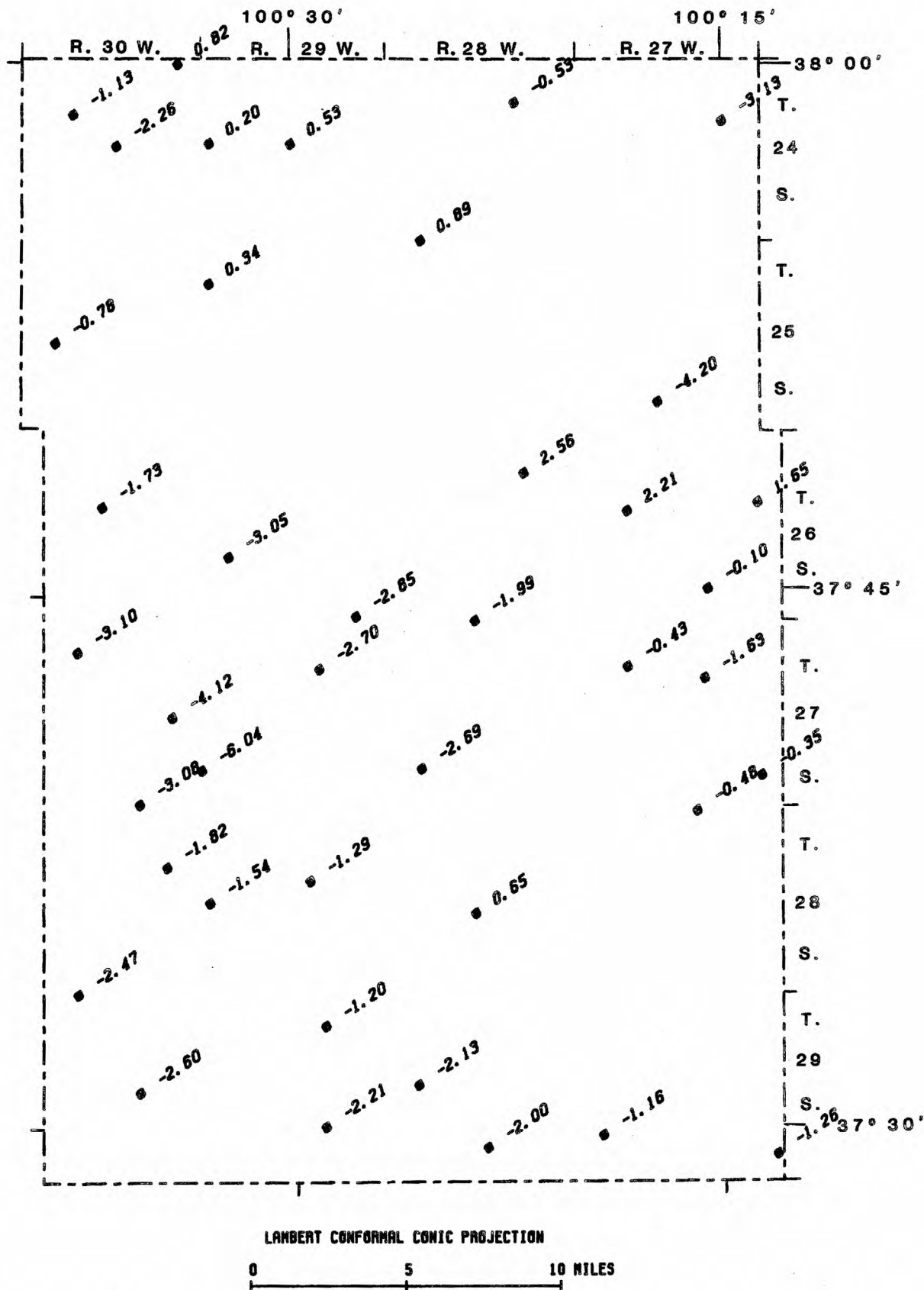
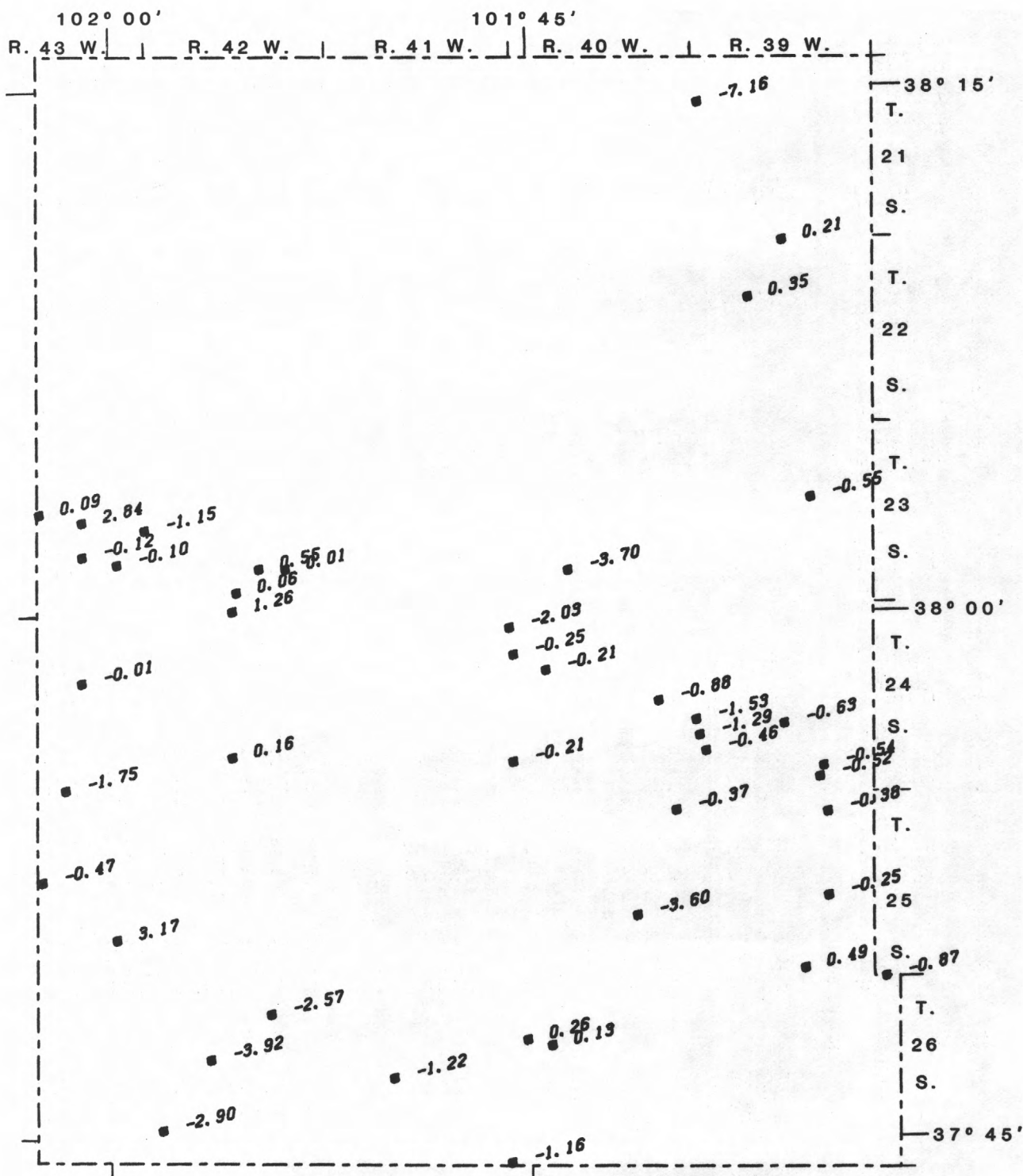


TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
HAMILTON COUNTY										
21S 39W 07C8A 01	TO	197.59	-7.16	-3.55	-1.59	-.25	-.03	17	19	-8
22S 39W 0388B 01	TO	183.69	.21	7.56		.54		15		
22S 39W 08DDD 01	TO	176.76	.35	1.74		.12		37		
23S 39W 15ADD 01	QU,TO	129.36	-.55	.78		.05		14		
23S 40W 29DOB 01	KU	293.80	-3.70	-53.45		-3.81				
23S 42W 19C8B 01	QA,QU	27.11	-1.15	-3.01	-7.11	-.21	-.17	39	47	-15
23S 42W 26DCA 01	QA	28.99	.01	-5.21	-.01	-.37		41	41	
23S 42W 27DOB 01	QA	24.01	.55	-4.01	-1.01	-.28	-.02	45	47	-2
23S 42W 34C8B 01	QA	13.25	.06	-3.58	-.25	-.25		44	45	
23S 43W 21ABA 01	QA	17.64	.09	-2.56	-2.64	-.18	-.06	11	14	-18
23S 43W 238CB 01	QA	23.69	2.84	-3.12	-2.69	-.22	-.06	44	47	-5
23S 43W 25C8D 02	QA	9.77	-.10	-.94	-1.77	-.06	-.04	37	39	-4
23S 43W 268CC 01	QA	8.76	-.12	-1.66	-1.76	-.11	-.04	13	15	-11
24S 39W 19C8C 01	QA	12.37	-1.53	-5.62	-6.37	-.40	-.15	52	59	-10
24S 39W 22CCB 01	QA	15.36	-.63	-3.55	-7.36	-.25	-.18	26	34	-21
24S 39W 3088D 01	QA	13.39	-1.29	-4.24	-4.39	-.30	-.10	63	68	-6
24S 39W 30CAU 01	QA	11.26	-.46	-4.46	-5.26	-.31	-.13	56	62	-8
24S 39W 35BAC 01	QA	9.94	-.54	-4.52	-.94	-.32	-.02	33	34	-2
24S 39W 35C8A 01	QU	16.80	-.52	-5.40	-5.80	-.38	-.14	80	86	-6
24S 40W 07C8B 01	QA	16.79	-.25	-2.88	-2.79	-.20	-.06	41	44	-6
24S 40W 1788B 01	QA	16.91	-.21		-3.91		-.09	54	58	-6
24S 40W 23AAB 01	QA	29.19	-.88	-4.78	-3.19	-.34	-.07	74	78	-4
24S 40W 3188B 01	QU	64.97	-.21	-1.35		-.09				
24S 41W 01DAD 01	QA,QU	20.70	-2.03	-5.93		-.42		24		
24S 42W 04AAD 01	QA	10.84	1.26	-4.29	-3.84	-.30	-.09	33	37	-10
24S 42W 28DDD 01	KJ	162.64	.16	-2.64		-.18				
24S 43W 14C8B 01	KJ	113.86	-.01	-3.00	.14	-.21				
25S 39W 02CAD 01	QU,TO	32.01	-.38	-4.10	-8.01	-.29	-.20	13	22	-36
25S 39W 238DD .01	QU,TO	91.65	-.25	-12.93		-.92		41		
25S 39W 34DCA 01	KJ	120.35	.49	1.61		.11				
25S 40W 01CA 01	QU	52.19	-.37	-6.33	-6.19	-.45	-.15	5	12	-51
25S 40W 2688B 01	KJ	223.95	-3.60	-8.95	-10.95	-.63	-.27			
25S 43W 03ABB 01	KJ	258.05	-1.75	-67.49		-4.82				
25S 43W 21AAB 01	KJ	141.47	-.47	-11.99		-.85				
25S 43W 25CCD 01	QU,TO	144.55	3.17	-23.13	-43.55	-1.65	-1.08	80	124	-35
26S 39W 018AA 01	QU,TO	82.39	-.87	.51		.03				
26S 40W 18BA 01	KJ	110.63	.13	.95		.06				
26S 41W 12DCC 01	KJ	214.54	.26	-27.98		-1.99				
26S 41W 2088D 01	QU,TO	30.02	-1.22	-9.28	-13.02	-.66	-.32	211	225	-5
26S 41W 36CCC 01	QU,TO	45.47	-1.16	-16.47	-10.47	-1.17	-.26	185	196	-5

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
HAMILTON COUNTY -- CONTINUED										
26S 42W 108B 02	QU,TO	105.09	-2.57	-27.86	-53.09	-1.99	-1.32	139	193	-27
26S 42W 17C8 01	QU,TO,KJ	155.61	-3.92	-47.44		-3.38				
26S 42W 22CDB 01	QU,TO									
26S 43W 25DCC 01	QU,TO,KJ	199.06	-2.90							



WATER-LEVEL CHANGE IN HAMILTON COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

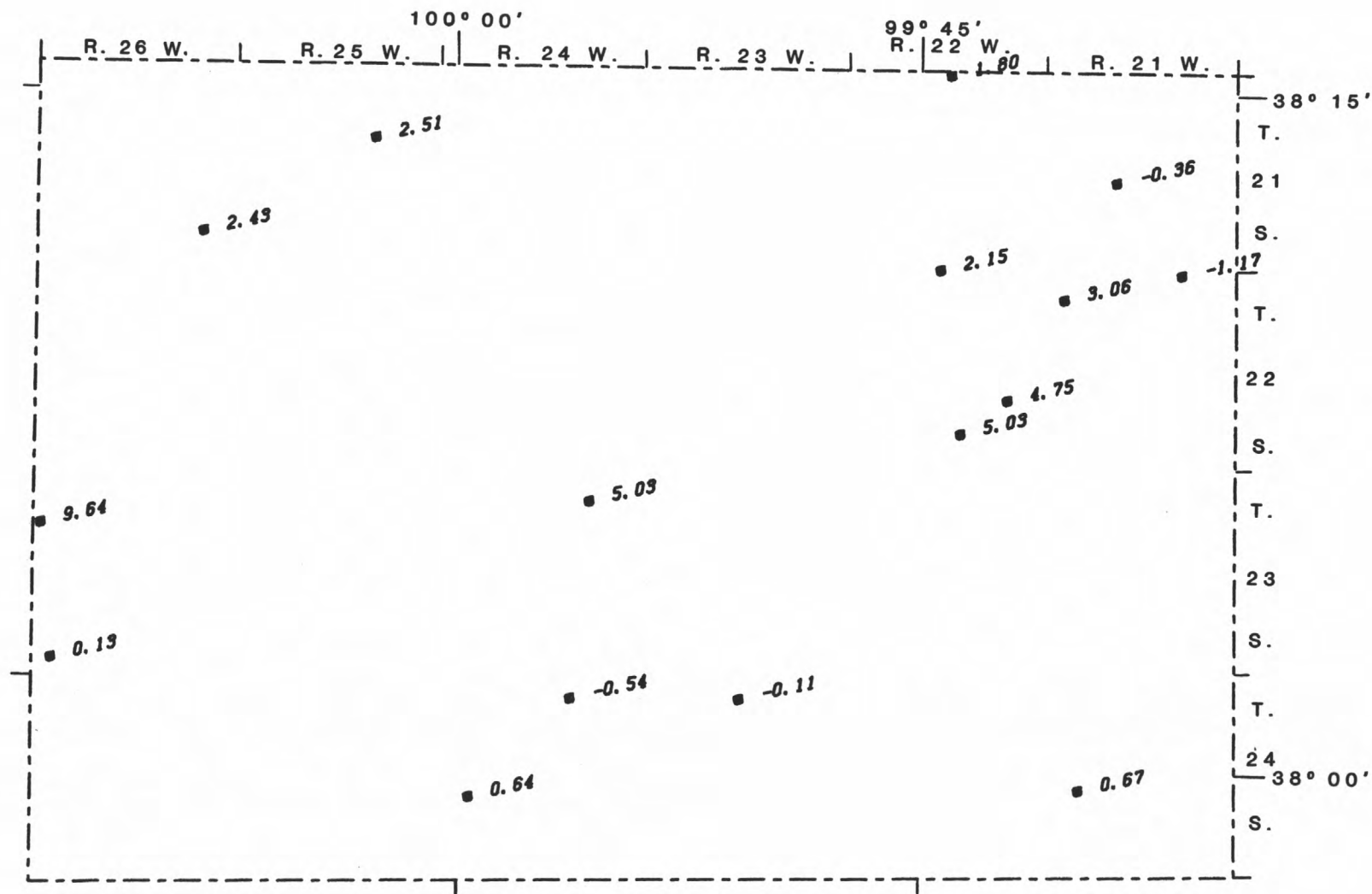
WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
HASKELL COUNTY										
27S 31W 0780A 01	QU,TO	117.10	-3.11	-28.10	-25.10	-2.00	-.62	400	426	-5
27S 31W 2188C 01	QU,TO	129.14		-25.46	-30.14	-1.81	-.75	367	398	-7
27S 31W 24CDC 01	QU,TO	131.41	-3.43	-33.59	-37.41	-2.39	-.93	234	272	-13
27S 31W 318CC 01	QU,TO	197.78	-10.58	-42.95	-46.78	-3.06	-1.16	322	369	-12
27S 32W 06CBB 01	QU,TO	138.56	-.23		-31.56		-.78	326	358	-8
27S 32W 13ABB 01	QU,TO	113.74	-2.58		-28.74		-.71	357	386	-7
27S 32W 19CCD 01	QU,TO	168.49	-13.76	-38.49	-50.49	-2.74	-1.26	287	338	-14
27S 33W 29DAA 01	QU,TO	246.76	-9.62	-60.46	-52.76	-4.31	-1.31	293	346	-15
27S 33W 330CD 01	QU,TO	256.56	-4.81	-52.22	-59.56	-3.73	-1.48	338	398	-14
27S 34W 16UDD 03	QU,TO									
27S 34W 28DAA 01	QU,TO	218.85	-4.29	-31.85	-32.85	-2.27	-.82	277	310	-10
28S 31W 03CCD01	QU,TO	206.56	-2.83							
28S 31W 32ABB 01	QU,TO	225.37	-3.75	-33.94	-38.37	-2.42	-.95	289	328	-11
28S 31W 35CCB 01	QU,TO	207.31	-7.43	-35.36	-51.31	-2.52	-1.28	235	287	-17
28S 32W 09CCC 01	QU,TO									
28S 32W 188BB 01	QU,TO	276.74	-8.83	-73.44	-84.74	-5.24	-2.11	304	389	-21
28S 32W 24BCC 01	QU,TO	215.81	-4.87	-34.22	-40.81	-2.44	-1.02	333	374	-10
28S 32W 358BA 01	QU,TO	225.13	-4.72	-38.39	-43.13	-2.74	-1.07	336	380	-11
28S 33W 21BCB 01	QU,TO	302.11		-73.28		-5.23				
28S 33W 2408C 01	QU,TO	288.33	-7.35		-93.33		-2.33	305	399	-23
28S 34W 138BB 01	QU,TO	331.16	-7.22	-70.32	-84.16	-5.02	-2.10	215	300	-28
28S 34W 150AB 01	QU,TO	327.81	-8.20	-64.81	-84.81	-4.62	-2.12	242	327	-25
28S 34W 32ADD 01	QU,TO	306.50	-4.24	-67.06	-87.50	-4.79	-2.18	246	334	-26
29S 31W 09CB 01	QU,TO	201.67	.78	-32.20	-35.67	-2.30	-.89	264	300	-11
29S 31W 148BB 01	QU,TO	203.49	-2.88	-36.49	-40.49	-2.60	-1.01	228	269	-15
29S 31W 348CA 01	QU,TO	205.11	-2.78	-32.32	-37.11	-2.30	-.92	262	300	-12
29S 32W 04BCC 01	QU,TO	230.18	1.08	-32.18	-46.18	-2.29	-1.15	340	387	-11
29S 32W 16DAA 01	QU,TO	256.99	-3.53	-43.99	-57.99	-3.14	-1.44	288	346	-16
29S 32W 19CCC 01	QU,TO	264.77	-5.44	-46.55	-56.77	-3.32	-1.41	333	390	-14
29S 32W 228BB 01	QU,TO	237.84	-1.54		-32.84		-.82	314	347	-9
29S 33W 01AAB 01	QU,TO	309.26	-9.51	-82.94	-96.26	-5.92	-2.40	291	388	-24
29S 33W 05ACA 01	QU,TO	293.29	-3.16	-70.59	-83.29	-5.02	-2.08	294	378	-22
29S 33W 118BC 01	QU,TO	319.89	-1.18		-97.89		-2.44	288	386	-25
29S 33W 288CB 01	QU,TO	288.39	-8.96		-76.39		-1.90	269	346	-22
29S 34W 02ABB 01	QU,TO	276.81	-4.70	-67.25	-85.81	-4.80	-2.14	264	350	-24
29S 34W 09CBB 01	QU,TO	289.62	-4.81	-61.23	-81.62	-4.37	-2.04	259	341	-23
29S 34W 11ADD 01	QU,TO	275.14	-.81	-65.42	-92.14	-4.67	-2.30	230	323	-28
29S 34W 24BCC 01	QU,TO	277.23	-5.02	-78.73	-84.23	-5.62	-2.10	270	355	-23
29S 34W 28CCD 01	QU,TO	272.63	-4.02	-50.07	-60.63	-3.57	-1.51	265	326	-18
29S 34W 36CBC 01	QU,TO	280.92	1.26		-67.92		-1.69	275	343	-19

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
HASKELL COUNTY -- CONTINUED										
30S 31W 06888 01	QU,TO	224.02	4.51	-27.55	-38.02	-1.96	-.95	302	341	-11
30S 31W 15A88 01	QU,TO	226.87	-2.84		-51.87		-1.29	325	377	-13
30S 31W 24888 01	QU,TO									
30S 31W 33888 01	QU,TO	214.02	-6.95		-52.02		-1.30	280	333	-15
30S 32W 11888 01	QU,TO	245.88	-2.27	-43.47	-57.88	-3.10	-1.44	314	372	-15
30S 32W 178CC 01	QU,TO	262.53	-3.23	-50.84	-62.53	-3.63	-1.56	295	358	-17
30S 32W 22888 01	QU,TO	232.54	-6.89	-40.16	-56.54	-2.86	-1.41	279	336	-16
30S 32W 318A8 01	QU,TO	256.81	-10.78	-54.79	-62.81	-3.91	-1.57	209	272	-23
30S 33W 06080 01	QU,TO	292.01	-7.07	-50.59	-59.01	-3.61	-1.47	303	363	-16
30S 33W 30C80 01	QU,TO	239.09	6.47	-19.31	-24.09	-1.37	-.60	273	298	-8
30S 34W 05888 01	QU,TO	288.71	-13.23	-55.92	-65.71	-3.99	-1.64	242	308	-21
30S 34W 16888 01	QU,TO	254.26	-6.43	-43.68	-47.26	-3.12	-1.18	253	301	-15
30S 34W 30ADD 01	QU,TO	87.81		-27.70	-30.81	-1.97	-.77	228	259	-11

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
HODGEMAN COUNTY										
21S 21W 21BCC 01	QA	45.91	-.36		-13.91		-.34	26	40	-34
21S 22W 03BBA 01	QA	40.25	1.80		-10.25		-.25	39	50	-20
21S 25W 14BCB 01	QA	30.80	2.51					48		
21S 26W 35AAC 01	QA	35.99	2.43					42		
22S 21W 02BBC 01	QA	44.07	-1.17		-12.07		-.30	60	73	-16
22S 21W 06DCC 01	QA	31.00	3.06		-7.00		-.17	57	64	-10
22S 22W 04AAA 01	QA	22.79	2.15		9.21		.23	88	79	11
22S 22W 23DDD 01	QA	24.90	4.75		2.10		.05	59	57	3
22S 22W 27DCC 01	QA	27.90	5.03		-.90		-.02	30	31	-2
23S 23W 01BAA 01	QA	33.75			-10.75		-.26	41	52	-20
23S 24W 11ABB 01	QA	21.20	5.03					34		
23S 26W 07CCC 01		315.30	9.64							
23S 26W 31CDU 01	TO	71.44	.13		-.44		-.01	50	51	
24S 21W 20CBB 01		78.30	.67							
24S 23W 03CCC 01	TO	58.58	-.11					31		
24S 24W 02CCC 01	TO	53.02	-.54					36		
24S 24W 20CCC 01	TO	64.21	.64					21		



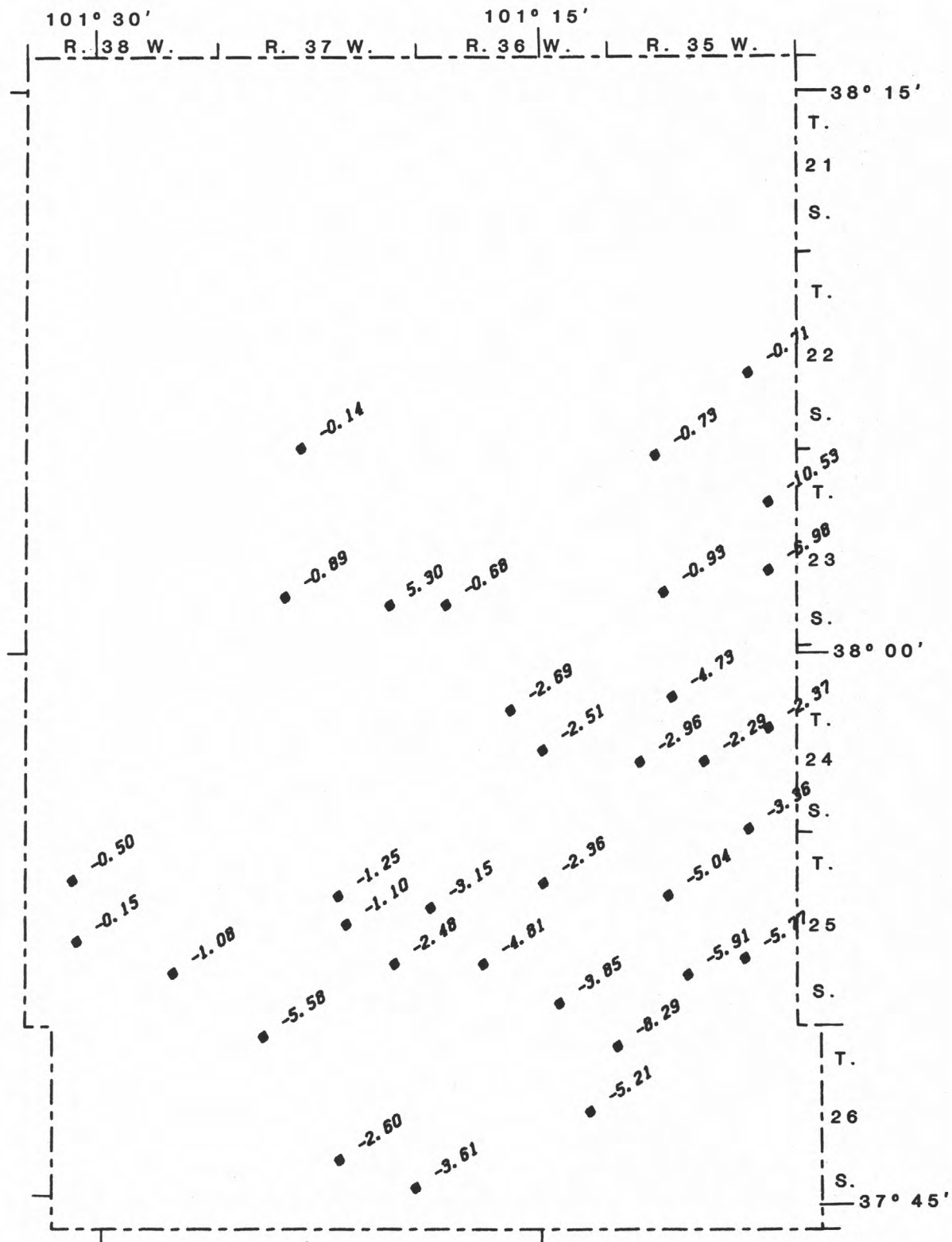
LAMBERT CONFORMAL CONIC PROJECTION

0 5 10 MILES

WATER-LEVEL CHANGE IN HODGEMAN COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
KEARNY COUNTY										
22S 35W 23CDD 01	TO	125.35	-.71	-17.75	-30.35	-1.26	-.75	49	80	-37
23S 35W 05ACC 01	TO	149.63	-.73	-26.88	-31.63	-1.92	-.79	30	62	-51
23S 35W 12CCC 01	QU,TO	150.73	-10.53	-71.58	-83.73	-5.11	-2.09	218	302	-27
23S 35W 2588B 02	QU,TO	119.42	-6.98	-60.28	-73.42	-4.30	-1.83	265	339	-21
23S 35W 29DAC 02	QU,TO	70.46	-.93	-28.01	-37.46	-2.00	-.93	264	302	-12
23S 36W 04CBB 01	TO	142.64		-9.74	-.64	-.69	-.01	55	56	-1
23S 36W 3288B 01	TO	237.58	-.68	-19.49	-48.58	-1.39	-1.21	67	116	-41
23S 37W 04ABC 01	TO	188.74	-.14		-5.74		-.14	44	50	-11
23S 37W 19CCC 01	TO	258.39		-25.47	-35.39	-1.81	-.88	35	71	-49
23S 37W 28CCB 01	TO	260.49	-.89	-23.51	-42.49	-1.67	-1.06	39	82	-51
23S 37W 36BAB 01	TO	251.84	5.30	-22.09	-46.84	-1.57	-1.17	58	105	-44
24S 35W 09CCC 01	QU,TO	54.21	-4.73	-23.16	-24.21	-1.65	-.60	303	328	-7
24S 35W 13CCC 02	QA	23.59	-2.37	-15.31	-11.59	-1.09	-.28	322	334	-3
24S 35W 20CCC 02	QA	26.98	-2.96	-17.29	-11.98	-1.23	-.29	301	313	-3
24S 35W 22CCC 02	QA	27.36	-2.29	-20.17	-5.36	-1.44	-.13	309	315	-1
24S 36W 158CB 01	QU,TO	106.58	-2.69	-31.45	-40.58	-2.24	-1.01	83	124	-32
24S 36W 23CBB 02	QU,TO	40.59	-2.51	-15.71	-14.59	-1.12	-.36	269	284	-5
25S 35W 02BAA 01	QU,TO	89.47	-3.36		-37.47		-.93	310	348	-10
25S 35W 17AAA 01	QU,TO	80.94	-5.04		-43.94		-1.09	324	368	-11
25S 35W 26BAB 01	QU,TO	100.30	-5.77		-30.30		-.75	349	380	-7
25S 35W 28DBB 01	QU	86.61	-5.91	-33.87	-37.61	-2.41	-.94	310	348	-10
25S 36W 11CBC 01	QA	29.71	-2.36	-16.37	-14.71	-1.16	-.36	325	340	-4
25S 36W 18ACC 01	TO	34.95	-3.15	-19.43	-15.95	-1.38	-.39	198	214	-7
25S 36W 28BBD 01	QU,TO	73.41	-4.81		-22.41		-.56	288	311	-7
25S 36W 35ACC 01	QU	83.84	-3.85	-26.93	-32.84	-1.92	-.82	282	315	-10
25S 37W 15ABA 02	QA	13.50	-1.25		-8.50		-.21	16	25	-34
25S 37W 15DDD 01	QA	17.80	-1.10	-4.83	-5.80	-.34	-.14	48	54	-10
25S 37W 25BAD 02	QU,TO,KJ	61.50	-2.48	-23.38		-1.67				
25S 38W 08CAA 01	QU,TO,KJ	43.23	-.50	-5.66		-.40				
25S 38W 20ACC 01	QU,TO,KJ	69.32	-.15	-6.04		-.43				
25S 38W 26ACC 01	QU,TO	72.75	-1.08	-7.33	-9.75	-.52	-.24	72	82	-11
26S 35W 06ADA 01	QU									
26S 35W 10DBC 01	QU									
26S 36W 01DBB 01	QU	78.19	-8.29		-30.19		-.75	321	352	-8
26S 36W 04BDA 01	QU									
26S 36W 14ACD 01	QU	73.96	-5.21	-23.76	-18.96	-1.69	-.47	289	308	-6
26S 37W 06ACB 01	QU,TO	35.28	-5.58	-9.14		-.65		66		
26S 37W 21DDD 01	QU,TO	83.46	-2.60	-25.59	-42.46	-1.82	-1.06	235	278	-15
26S 37W 25CDB 01	QU	139.09	-3.61	-34.09	-47.09	-2.43	-1.17	232	280	-16

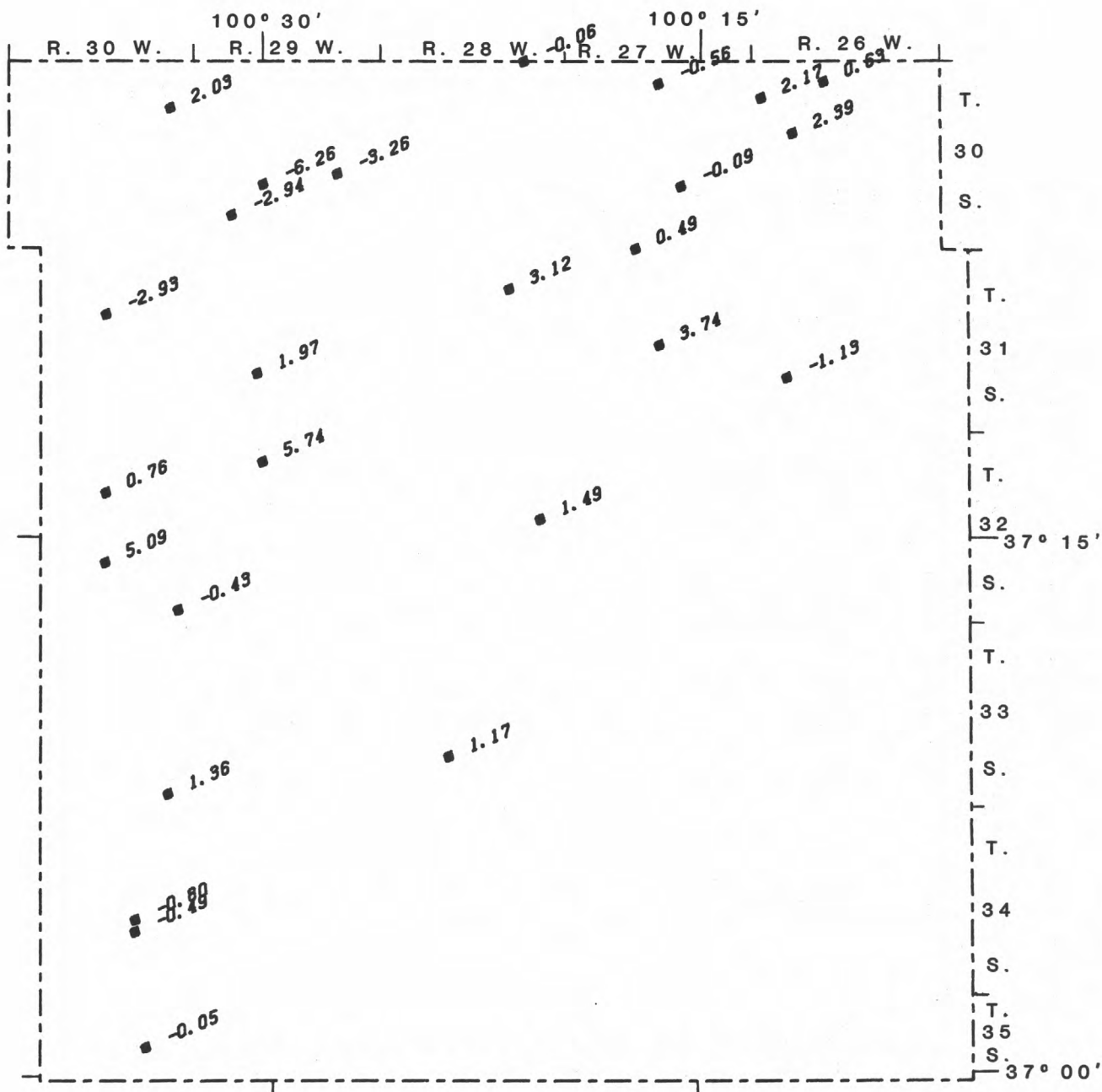


LANBERT CONFORMAL CONIC PROJECTION

WATER-LEVEL CHANGE IN KEARNY COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
MEADE COUNTY										
30S 26W 04C8B 01	QU,TO	41.92	.63	-21.22	-30.92	-1.51	-.77	373	404	-7
30S 26W 07B8B 01	QU,TO	57.40	2.17	-27.48	-35.40	-1.96	-.88	343	379	-9
30S 26W 17B8C 01	QU,TO	37.21	2.39	-15.18	-26.21	-1.08	-.65	362	389	-6
30S 26W 31C8C 01	QU,TO									
30S 27W 04D8D 01	QU,TO	67.56	-.56	-32.80	-36.56	-2.34	-.91	278	315	-11
30S 27W 22CDD 01		8.19	-.09		5.81	4.13	.14	319	314	1
30S 27W 23A8B 01	QU,TO	38.43		-21.93	-26.43	-1.56	-.66	282	309	-8
30S 27W 32DDD 01		8.71	.49	3.15	17.29	.22	.43	306	289	5
30S 28W 02BAA 01	QU,TO	114.31	-.06	-17.11	-31.31	-1.22	-.78	315	347	-9
30S 28W 17A8B 01	QU,TO									
30S 29W 03DCC 01	QU,TO	128.10		-20.66	-26.10	-1.47	-.65	335	362	-7
30S 29W 23CAD 01	QU,TO	164.43	-3.26	-23.08	-30.43	-1.64	-.76	379	410	-7
30S 29W 28B8B 01	QU,TO	165.10	-6.26	-27.21	-28.10	-1.94	-.70	387	416	-6
30S 29W 32B8B 01	QU,TO	160.34	-2.94	-29.56	-27.34	-2.11	-.68	375	403	-6
30S 30W 12C8B 01	QU,TO	199.41	2.03	-33.86	-36.41	-2.41	-.91	293	330	-11
30S 30W 28A8B 01	QU,TO	173.89		-27.94	-23.89	-1.99	-.59	334	358	-6
31S 26W 30B8B 02	QU,TO	97.15	-1.13		-.15			115	116	
31S 27W 20AAA 02	QU,TO	27.86	3.74		-12.86		-.32	298	311	-4
31S 28W 10B8B 01	QU,TO	153.11	3.12	-40.91	-39.11	-2.92	-.97	309	349	-11
31S 29W 25AAA 02	QU,TO	174.77		-18.25	-29.77	-1.30	-.74	263	293	-10
31S 29W 30AAA 01	QU,TO	152.21	1.97	-21.99	-16.21	-1.57	-.40	308	325	-4
31S 30W 16B8C 01	QU,TO	169.87	-2.93	-35.97	-33.87	-2.56	-.84	335	369	-9
32S 28W 04ADD 01	QU,TO	69.80		-3.65	-6.80	-.26	-.17	296	303	-2
32S 28W 14C8C 01	QU,TO	8.81	1.49	-2.38	-2.81	-.17	-.07	291	294	
32S 29W 05CC 01	QU,TO	157.67	5.74	-20.32	-18.67	-1.45	-.46	306	325	-5
32S 29W 27AAB 02	QU,TO									
32S 30W 09CCC 01	QU,TO	188.86	.76	-32.11	-33.86	-2.29	-.84	315	349	-9
32S 30W 28B8C 01	QU,TO	198.46	5.09	-28.18	-31.46	-2.01	-.78	260	292	-10
32S 30W 35CAD 02	QU,TO	192.15	-.43	-16.65	-34.15	-1.18	-.85	295	330	-10
33S 28W 29B8C 01	TO	16.38	1.17	-2.08	-2.38	-.14	-.05	143	146	-1
33S 29W 36AAB 01	QU,TO	85.64		-4.29	-4.64	-.30	-.11	197	202	-2
33S 30W 35CB 01	QU,TO	163.52	1.36	-5.68	-2.52	-.40	-.06	380	383	
34S 30W 22C8C 01	QU,TO	194.22	-.80		-3.22		-.08	480	484	
34S 30W 27B8B 02	QU,TO	189.59	-.49		-2.59		-.06	481	484	
35S 30W 10CDA 01	QA,QU,TO	22.76	-.05	.40	.24	.02		295	295	



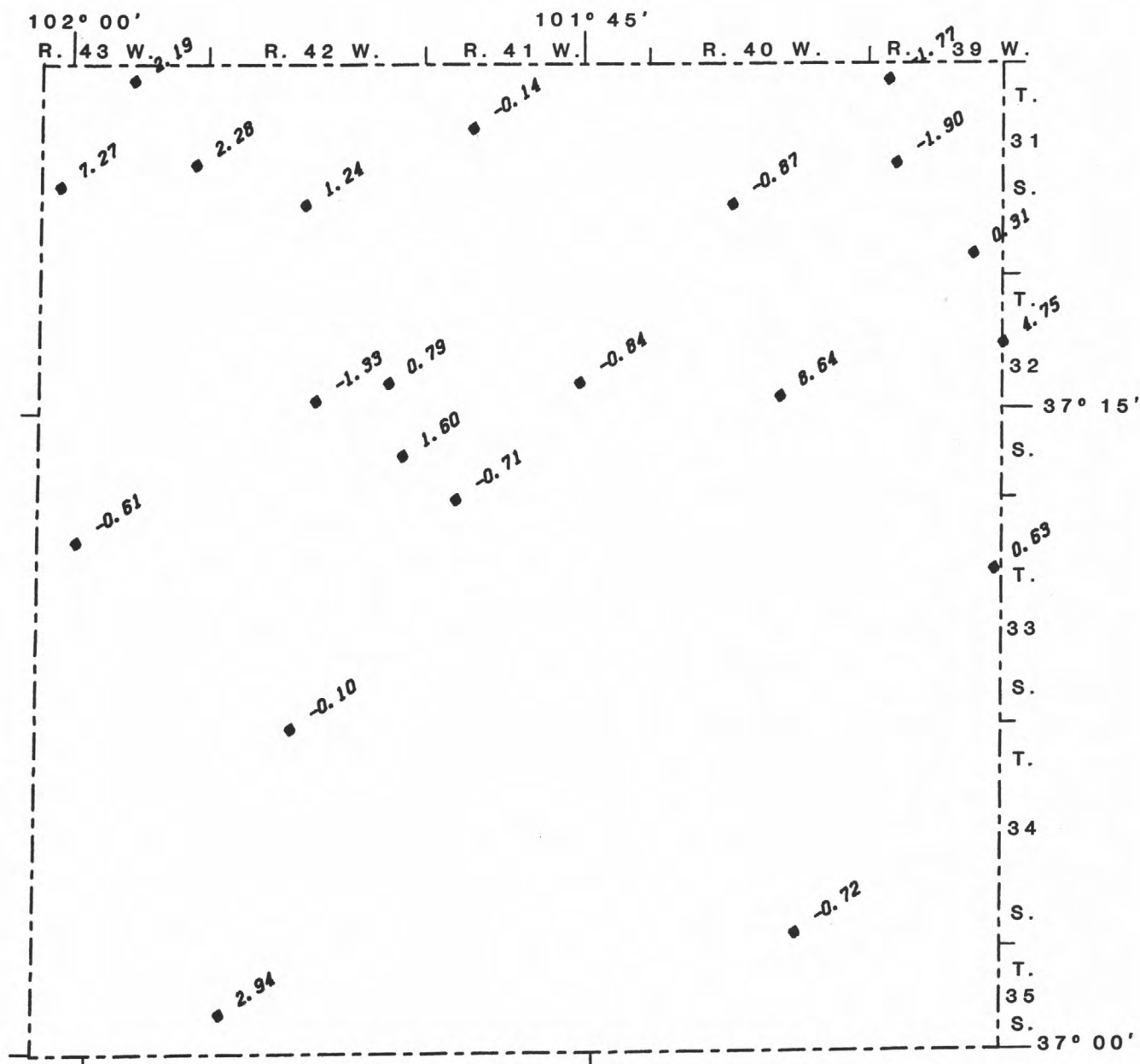
LAMBERT CONFORMAL CONIC PROJECTION

0 5 10 MILES

WATER-LEVEL CHANGE IN MEADE COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

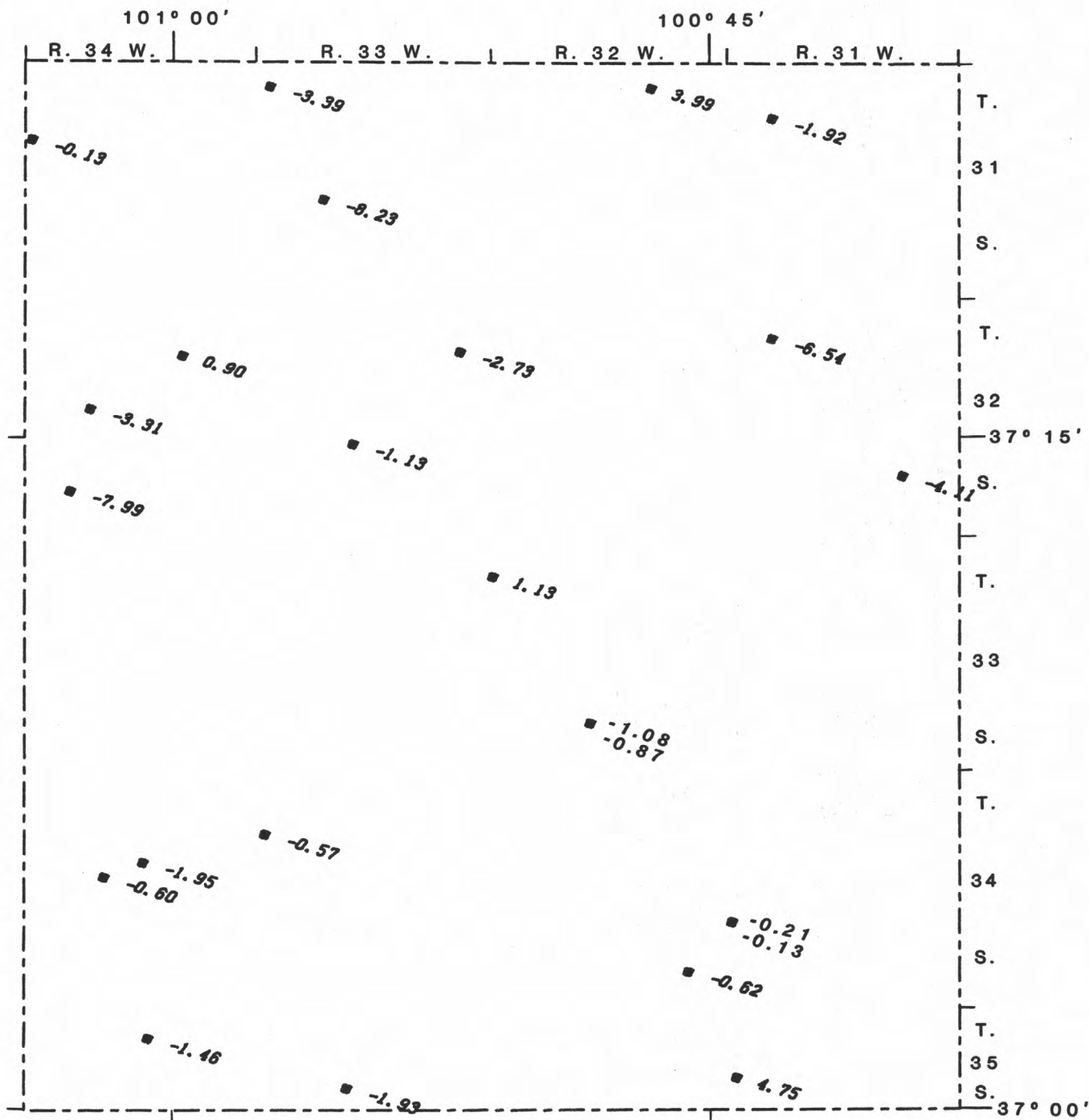
WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
MORTON COUNTY										
31S 39W 18CCC 01	QU, TO	180.90	-1.90	-45.30	-64.90	-3.23	-1.62	45	110	-59
31S 39W 33BCC 01	QU, TO, KJ	206.89	.31	-46.89		-3.34				
31S 40W 010A 01	QU, TO	168.67	-1.77	-35.57	-57.67	-2.54	-1.44	107	165	-34
31S 40W 29ABB 01	QU, TO	180.49	-.87	-14.34	-39.49	-1.02	-.98	52	92	-42
31S 41W 07CDD 01	KJ	135.09	-.14	-.09						
31S 41W 31CBB 01	KJ	88.09		-15.09		-1.07				
31S 42W 29AA8 01	QU, TO, KJ	103.51	1.24	-10.41	-29.51	-.74	-.73			
31S 43W 03CB 01	QU, TO, KJ	63.79	2.19	1.91	-2.79	.13	-.06			
31S 43W 14DDC 01	KU	68.02	2.28	-.24		-.01				
31S 43W 20CBB 01	QU, TO	93.58	7.27	-37.18	-40.58	-2.65	-1.01			
32S 39W 09DD 01	QU, TO	181.85	4.75	-34.95	-63.85	-2.49	-1.59	86	150	-42
32S 40W 21ADB 01	QU, TO	178.46	8.64	-22.46	-46.46	-1.60	-1.16	58	105	-44
32S 41W 15CDC 01	QU, TO, KJ	20.74	-.84	-2.74		-.19				
32S 42W 14CCC 01	QU, TO, KJ	110.76	.79	-20.16		-1.44				
32S 42W 21BCC 01	QU, TO, KJ	147.28	-1.33	-33.64		-2.40				
32S 42W 26CDD 01	QU, TO, KJ	138.90	1.60	-36.90		-2.63				
32S 43W 17DCC 01	TO									
33S 39W 16ABB 01	QU, TO	74.12	.63	-4.12	7.88	-.29	.19	269	262	3
33S 40W 27CCC 01	QU, TO									
33S 41W 03AAD 01	QU, TO, KJ	140.77		-23.51		-1.67				
33S 41W 21CCC 01	QA									
33S 41W 33DDD 01	QU	67.98		1.42	.02	.10		89	89	
33S 42W 01AA 01	QU	40.41	-.71	-5.91	7.59	-.42	.18	127	120	6
33S 42W 21BCB 01	QU, TO									
33S 43W 08BDA 01	QU, TO, KJ	101.04	-.61	-6.04		-.43				
34S 42W 05BDC 01	QU, KJ	38.70	-.10	-.30		-.02				
34S 42W 22CDB 01	QU, TO									
34S 43W 07BDD 01	KJ									
35S 40W 03BBB 01	QU, TO	175.98	-.72	7.14	3.02	.51	.07	231	228	1
35S 43W 13BDB 01	QU, TO	178.31	2.94		-27.31		-.68	126	154	-17



WATER-LEVEL CHANGE IN MORTON COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
SEWARD COUNTY										
31S 31W 08BCC 01	QU,TO	204.76	-1.92	-35.28	-40.76	-2.52	-1.01	314	355	-11
31S 31W 13BCB 01	QU,TO									
31S 32W 03DAD 01	QU,TO	206.61	3.99	-32.43	-48.61	-2.31	-1.21	289	338	-14
31S 33W 06CBD 01	QU,TO	233.07	-3.39	-21.82	-23.07	-1.55	-.57	264	288	-8
31S 33W 200BB 01	QU,TO	207.20	-8.23	-28.09	-28.20	-2.00	-.70	329	358	-7
31S 34W 18BBB 01	QU,TO	207.11	-.13	-20.74	-21.11	-1.48	-.52	213	235	-8
32S 31W 088BB 01	QU,TO	198.79	-6.54	-33.24	-23.79	-2.37	-.59	256	280	-8
32S 31W 26CAA 01	QU,TO	209.41	-4.11	-26.51	-29.41	-1.89	-.73	243	273	-10
32S 31W 31ACC 01	QU,TO									
32S 32W 148BB 01	QU,TO									
32S 32W 19BAB 01	QU,TO									
32S 33W 128CC 01	QU,TO	209.73	-2.73	-24.99	-26.73	-1.78	-.66	225	252	-10
32S 33W 21CDB 01	QU,TO	20.66	-1.13	-3.66	-4.66	-.26	-.11	329	334	-1
32S 34W 10DAA 01	QU,TO	212.60	.90	-9.05	-7.60	-.64	-.19	257	265	-2
32S 34W 17DCC 01	QU,TO	243.91	-3.31	-21.08	-30.91	-1.50	-.77	249	280	-11
32S 34W 328BB 01	QU,TO	177.09	-7.99	-22.79	-18.09	-1.62	-.45	313	332	-5
33S 32W 28CDD 01	QU,TO	60.88	-1.08		-.88		-.02	338	339	
33S 32W 28CDD 02	QU,TO	57.07	-.87		2.93		.07	341	339	
33S 33W 12AAD 01	QU,TO	7.57	1.13	-1.87	-2.57	-.13	-.06	308	311	
34S 31W 308BB 01	QU,TO	208.96	-.21		-.96		-.02	462	463	
34S 31W 308BB 02	QU,TO	207.43	-.13		.57		.01	463	463	
34S 32W 35ADA 01	QU,TO	189.62	-.62							
34S 33W 07CCB 01	QU,TO	130.22	-.57	-3.45	9.78	-.24	.24	444	435	2
34S 34W 16DAA 01	QU,TO	122.18	-1.95	-27.59	-8.18	-1.97	-.20	550	559	-1
34S 34W 17DDD 01	QU,TO	115.10	-.60		-10.10		-.25	309	320	-3
35S 31W 188BA 01	QU,TO	172.14	4.75	9.84	14.86	.70	.37	324	310	4
35S 33W 168CA 01	QU,TO	114.46	-1.93	-10.71	11.54	-.76	.28	543	532	2
35S 34W 03CBC01	QU,TO	96.90								
35S 34W 108BB 01	QU,TO	71.61	-1.46	8.77	18.39	.62	.45	575	557	3



LANDERT CONFORMAL CONIC PROJECTION

0 5 10 MILES

WATER-LEVEL CHANGE IN SEWARD COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
STANTON COUNTY										
27S 39W 0288B 01	QU,TO	86.16	-.66	1.99	1.84	.14	.04	10	9	20
27S 39W 23ACC 02	QU,TO	171.24	-4.53	-92.04	-126.24	-6.57	-3.15	198	325	-38
27S 39W 2788A 01	QU,TO	170.40	-5.53	-68.12	-102.40	-4.86	-2.56	224	327	-31
27S 39W 34DDD 01	QU,TO	224.57	-1.53	-110.37	-170.57	-7.88	-4.26	179	350	-48
27S 40W 210AA 01	QU,TO	81.19	-5.42	-32.59	-29.19	-2.32	-.72	148	178	-16
27S 40W 25C8C 01	QU,TO	140.06	-7.26	-54.21	-67.06	-3.87	-1.67	187	255	-26
27S 41W 31CC8 02	QU,TO	233.34	-4.34	-65.74	-77.34	-4.69	-1.93	74	152	-50
27S 41W 35CCC 01	QU,TO,KJ	160.51	-1.94	-25.46		-1.81				
27S 42W 1108D 01	QU,TO	159.54		-43.54	-39.54	-3.11	-.98	90	130	-30
27S 42W 31CCC 01	QU,TO,KJ									
28S 39W 0588B 02	QU,TO	146.27	-11.19	-89.77	-90.27	-6.41	-2.25	200	291	-31
28S 39W 1488C 01	QU,TO,KJ	132.30	-3.76	-35.20		-2.51				
28S 39W 318CC 01	QU,TO									
28S 39W 33ACC 01	QU,TO	171.89	1.78	-51.74	-89.89	-3.69	-2.24	256	346	-25
28S 39W 36A8B 01	QU,TO	173.57	-6.23	-73.27	-116.57	-5.23	-2.91	238	355	-32
28S 40W 04CCC 01	QU,TO	181.15	-2.24	-65.50	-71.15	-4.67	-1.77	172	244	-29
28S 40W 1200D 02	QU,TO									
28S 40W 23ACC 01	QU,TO	177.76		-57.56	-74.76	-4.11	-1.86	226	301	-24
28S 40W 32CCB 01	QU,TO	241.29	2.27	-68.79	-83.29	-4.91	-2.08	204	288	-28
28S 41W 1288C 01	QU,TO									
28S 41W 318DD 01	QU,TO	165.95		-19.95	-10.95	-1.42	-.27	114	125	-8
28S 42W 08CCC 01	QU,TO	254.79	-.75	-20.89	-55.79	-1.49	-1.39	45	101	-55
28S 42W 3288B 01	KJ	225.89	-1.67	-9.94		-.71				
29S 39W 178CB 01	QU,TO	200.02	-8.44	-71.73	-92.02	-5.12	-2.30	255	348	-26
29S 39W 2108D 01	QU,TO									
29S 39W 2400A 01	QU,TO	133.50	-2.90	-53.42	-71.50	-3.81	-1.78	315	387	-18
29S 41W 13ACC 01	QU,TO	246.17	1.11	-53.50	-70.17	-3.82	-1.75	153	224	-31
29S 41W 31C8D 01	KJ	236.63		-.11						
29S 42W 08CDC 01	KJ									
29S 42W 110CD 01	KJ	223.90	.75	-11.61		-.82				
29S 42W 24CCC 01	QU,TO,KJ									
29S 43W 33CDB 01	KJ	115.25	.55	4.58		.32				
30S 39W 02A8B 01	QU,TO	149.61		-60.32	-77.61	-4.30	-1.94	267	345	-22
30S 39W 1888B 01	QU,TO,KJ	177.77	-9.09	-56.52		-4.03				
30S 39W 2388B 01	QU,TO	147.98	-8.76	-58.48	-75.98	-4.17	-1.89	256	332	-22
30S 39W 320A 01	QU,TO	168.86	-7.91	-52.01	-64.86	-3.71	-1.62	78	143	-45
30S 39W 368DD 01	QU,TO	149.60	.08	-46.70	-67.60	-3.33	-1.69	265	333	-20
30S 40W 24C0C 01	QU,TO,KJ	163.91	-12.83	-48.61		-3.47				
30S 40W 33CCB 01	KJ	193.73	-5.13	-29.37		-2.09				
30S 41W 13CCC 01	QU,TO	206.78		-36.39	-48.78	-2.59	-1.21	9	58	-84

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
STANTON COUNTY -- CONTINUED										
30S 42W 12ACC 01	KJ									
30S 42W 168DB 01	KJ	180.26	.76	7.54		.53				
30S 43W 348BB 01	QU,TO	78.88	3.31	-12.49	-36.88	-.89	-.92	24	61	-60
30S 43W 36BB 01	QU,TO,KJ	77.87	-.68	-6.27		-.44				

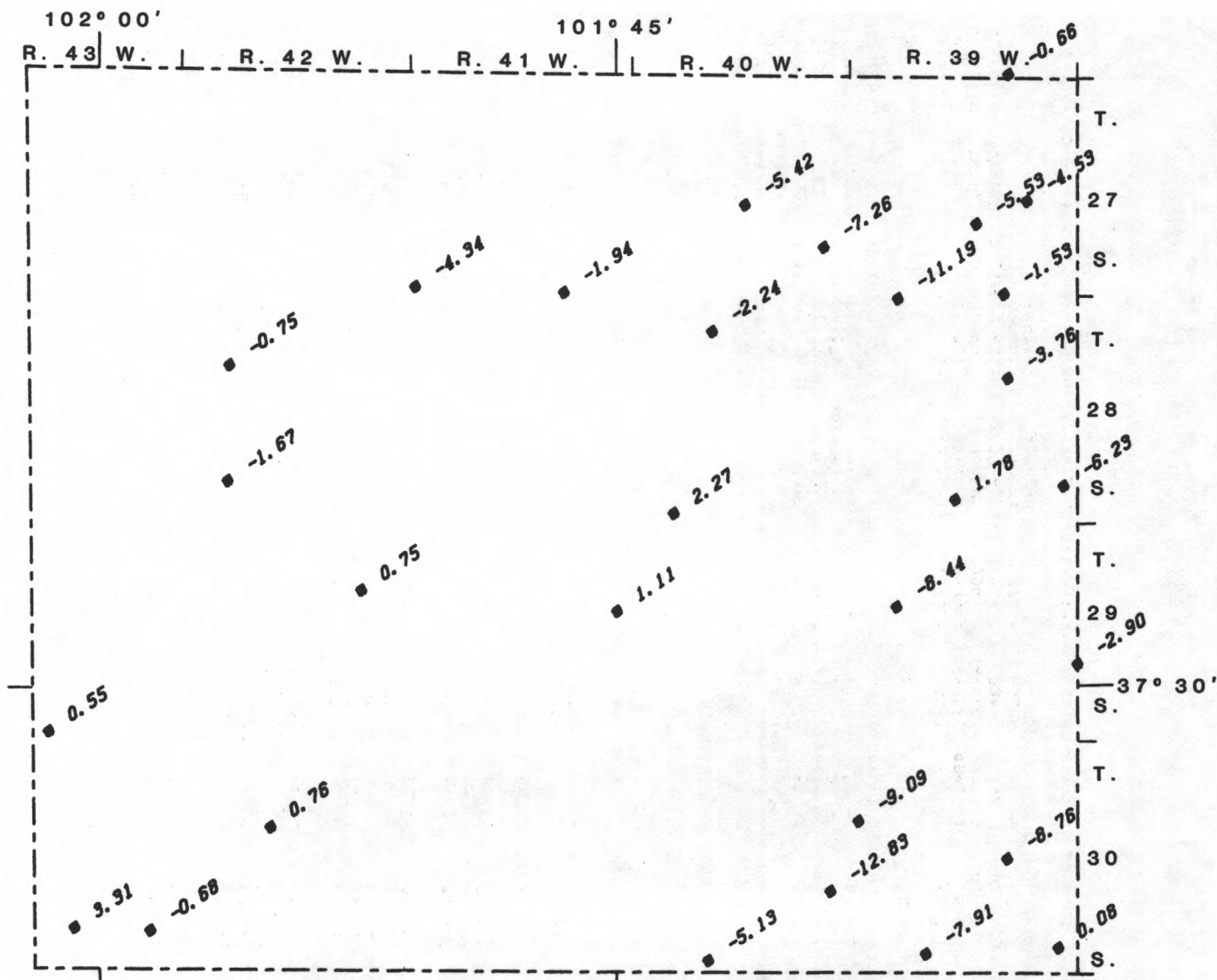


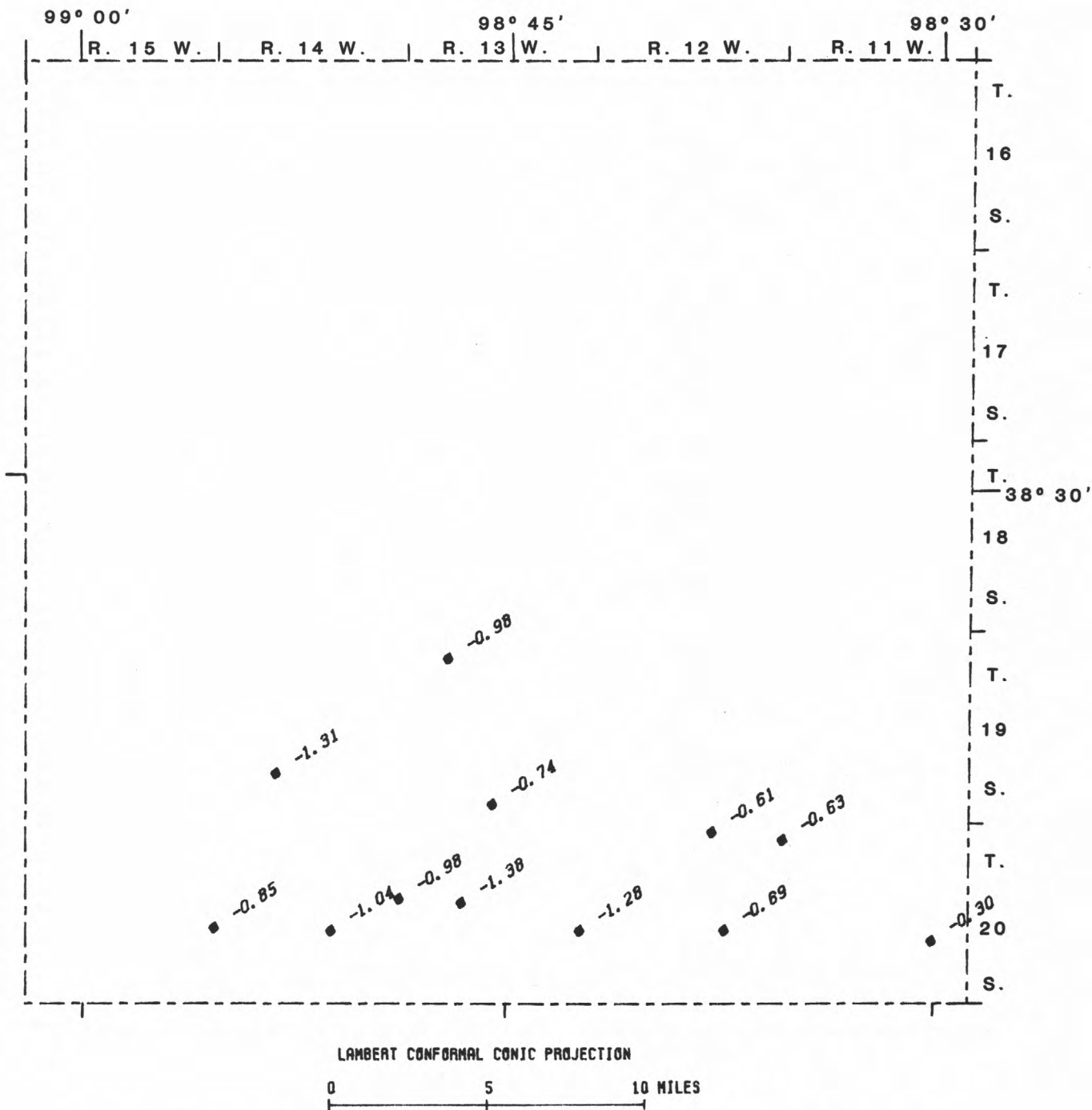
TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTHWESTERN KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1966-80 (FEET)	WATER LEVEL CHANGE 1940-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-80
STEVENS COUNTY										
31S 35W 0788B 01	QU,TO	229.89	-.10	-44.09	-57.89	-3.14	-1.44	207	265	-21
31S 35W 158AA 01	QU,TO	271.85	-5.59	-35.43	-47.85	-2.53	-1.19	177	225	-21
31S 35W 19CCC 01	QU,TO	217.26	-3.81	-29.96	-43.26	-2.14	-1.08	272	316	-13
31S 35W 26DCC 01	QU,TO	266.74	-3.43	-36.50	-53.74	-2.60	-1.34	180	234	-22
31S 36W 02CDD 01	QU,TO	174.90	-3.54	-19.04	-35.90	-1.36	-.89	190	226	-15
31S 36W 188AA 01	QU,TO	145.53	-7.42	-43.29	-49.53	-3.09	-1.23	230	280	-17
31S 36W 278CB 01	QU,TO	174.05	-6.59	-36.71	-38.05	-2.62	-.95	286	325	-11
31S 37W 098CC 01	QU,TO	172.63		-42.48	-64.63	-3.03	-1.61	230	295	-21
31S 37W 22BCC 01	QU,TO	176.16		-47.77	-70.16	-3.41	-1.75	263	334	-21
31S 38W 17CDA 01	QU,TO	182.66	-.14	-51.66	-72.66	-3.69	-1.81	197	270	-26
31S 39W 2388B 01	QU,TO	157.28	1.25	-40.36	-59.28	-2.88	-1.48	101	161	-36
32S 35W 08DDD 01	QU,TO	148.16	-1.60		-18.16		-.45	353	372	-4
32S 37W 04ACA 01	QU,TO	208.40	-8.26	-46.40	-64.40	-3.31	-1.61	312	377	-17
32S 37W 10DCC 01	QU,TO	157.47	-1.56	-21.02	-30.47	-1.50	-.76	382	413	-7
32S 38W 06ACC 01	QU,TO	59.54		-3.90	.46	-.27	.01	260	260	
32S 38W 11A0A 01	QU,TO	121.48	-1.73	-7.36	-3.48	-.52	-.08	407	411	
32S 38W 238DD 01	QU,TO									
32S 39W 0288B 01	QU,TO	173.66	2.69	-40.71	-77.66	-2.90	-1.94	122	200	-38
33S 36W 110DC 01	QU,TO	122.30	.49	-19.77	-21.30	-1.41	-.53	352	374	-5
33S 36W 26DDD 01	QU,TO	137.14	-.68	-18.41	-16.14	-1.31	-.40	284	301	-5
33S 37W 098CC 01	QU,TO	80.76	-1.25		.24			444	444	
33S 37W 17CCC 01	QU,TO	87.09	-.86	2.23	-4.09	.15	-.10	466	471	
33S 37W 23CDB 01	QU,TO	95.85		-12.00	-8.85	-.85	-.22	466	475	-1
33S 38W 06AAB 01	QU,TO	91.33	.43	3.34	1.67	.23	.04	286	285	
33S 38W 10ACC 01	QU,TO	127.42	-1.36	-19.66	-26.42	-1.40	-.66	338	365	-7
33S 38W 20DD8 01	QU,TO	145.44	-2.18	-20.49	-39.44	-1.46	-.98	310	350	-11
34S 35W 078CC 01	QU,TO	146.52	-2.53	-32.88	-26.52	-2.34	-.66	458	485	-5
34S 35W 188CA 01	QU,TO	144.13	1.43		-14.13		-.35	522	537	-2
34S 37W 08DAC 01	QU,TO	124.23	-3.53	-11.21	8.77	-.80	.21	517	509	1
34S 37W 27ABC 01	QU,TO	110.75	.20	-4.95	14.25	-.35	.35	421	407	3
34S 38W 02CDB 01	QU,TO	151.91		-15.91	-12.91	-1.13	-.32	425	438	-2
34S 39W 02CCA 01	QU,TO	100.70	2.11	7.65	17.30	.54	.43	432	415	4
34S 39W 15CAD 01	QU,TO	136.34	-.04	5.39	4.66	.38	.11	373	369	1
35S 36W 01AAA 01	QU,TO	112.50	-.97		7.50		.18	477	470	1
35S 39W 10CAD 01	QU,TO	187.57	.49	.43	-4.57	.03	-.11	314	319	-1

Table 2.--Changes in water level and saturated thickness, accompanied by county maps showing locations of observation wells and 1979-80 water-level changes, south-central Kansas

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS

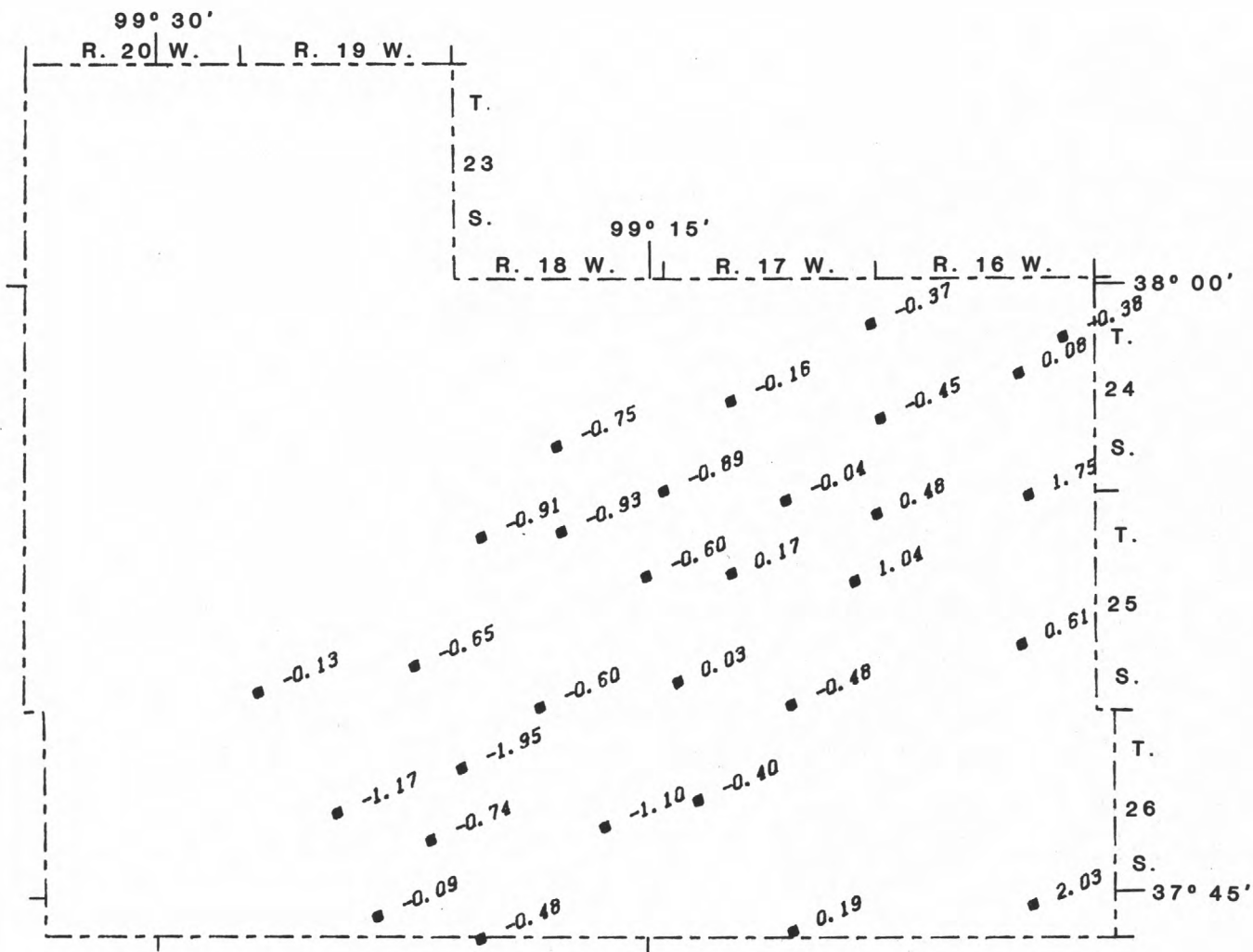
WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
BARTON COUNTY										
18S 15W 288BC 01		17.54								
19S 13W 088AD 01		19.84	-.98		-8.84		-.24			
19S 13W 330DB 01	QA	8.78	-.74	-4.38		-.73				
19S 14W 068BB 01		16.55								
19S 14W 290DB 01		26.51	-1.31							
20S 11W 06CCC 01	QA	10.02	-.63	-4.42	-1.02	-.73	-.02			
20S 11W 26AAC 01	QU	9.97	-.30	-8.37	-6.97	-1.39	-.19			
20S 12W 030AC 01		7.15	-.61	-5.85	-5.15	-.97	-.14			
20S 12W 23CCA 01	QU	14.39	-.69	-10.69	-3.39	-1.78	-.09			
20S 13W 170UC 01	QU	16.13	-1.38	-8.93	-5.13	-1.48	-.14			
20S 13W 24DCB 01	QU	19.14	-1.28	-9.54	-7.14	-1.59	-.19			
20S 14W 130DB 01		19.57	-.98	-8.07	-14.57	-1.34	-.40			
20S 14W 22DCB 01		13.72	-1.04	-7.22	-7.72	-1.20	-.21			
20S 15W 24D 01		13.70	-.85							



WATER-LEVEL CHANGE IN BARTON COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

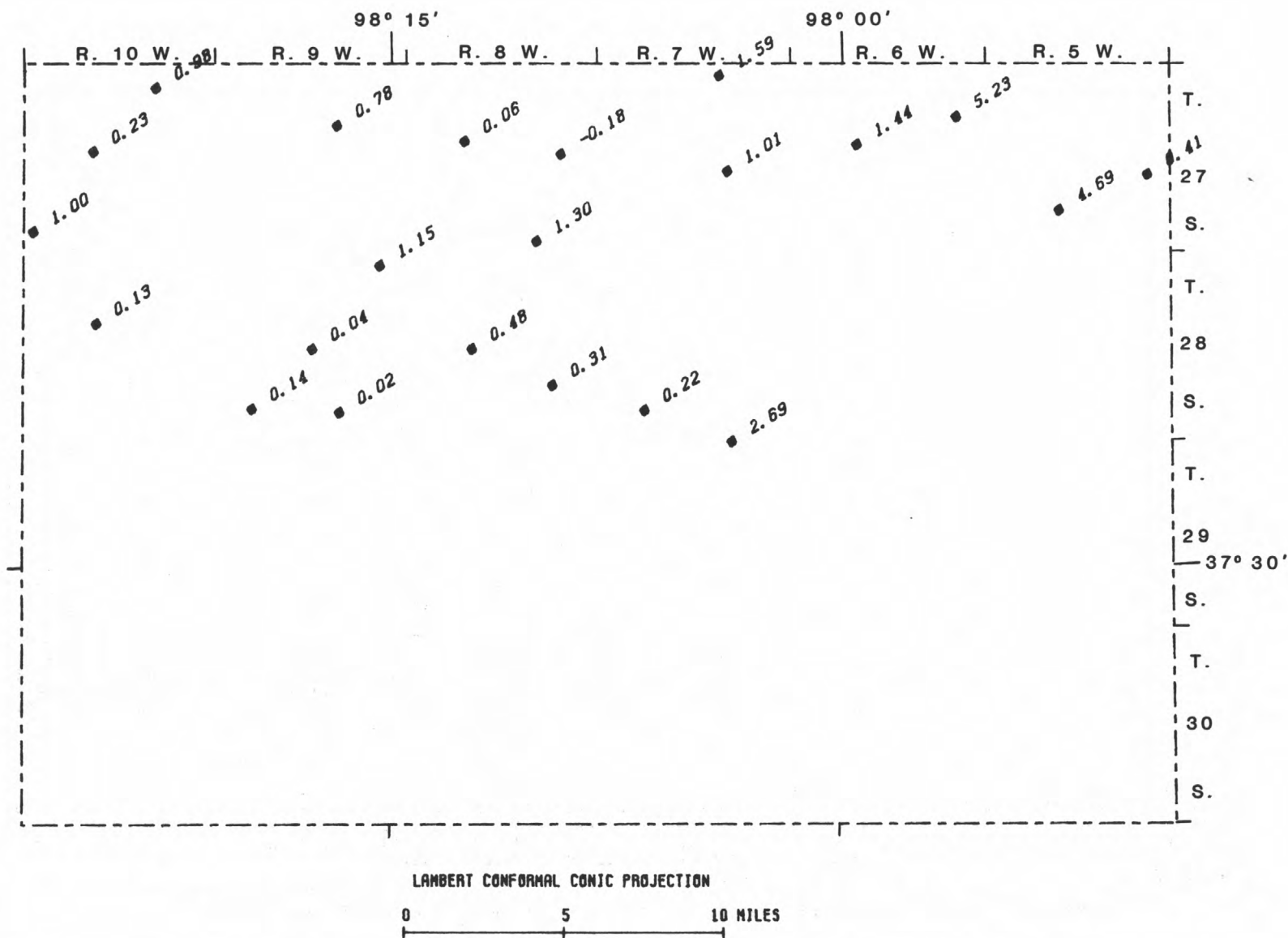
WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
EDWARDS COUNTY										
24S 16W 12CBC 01	QU	17.78	-.38	-8.58	-12.78	-1.43	-.35			
24S 16W 15DAC 01	QU	13.92	.08	-9.12	-7.92	-1.52	-.22			
24S 17W 12ACA 01	QU	21.97	-.37	-4.27	-6.97	-.71	-.19			
24S 17W 20ADC 01	QU	24.06	-.16	-8.26	-21.06	-1.37	-.58			
24S 17W 24DDD 01	QU	22.95	-.45	-9.65	-7.95	-1.60	-.22			
24S 18W 17ABD 01	QU	27.77		-8.97	-.77	-1.49	-.02			
24S 18W 28DAC 01	QU	28.35	-.75	-11.75	-3.35	-1.95	-.09			
24S 18W 36DDC 01	QU	32.74	-.89	-8.54	-4.74	-1.42	-.13			
25S 16W 02BBB 01	QU	17.75	1.75	-11.06	-11.75	-1.84	-.32			
25S 16W 27AAC 01	QU	13.63	.61	-7.53	-10.63	-1.25	-.29			
25S 16W 31DAD 02	QU	21.47		-2.37	-5.47	-.39	-.15			
25S 17W 01DAB 01	QU	20.02	.48	-11.22	-8.02	-1.87	-.22			
25S 17W 03BAC 01	QU	24.04	-.04	-9.54	-9.04	-1.59	-.25	57	67	-13
25S 17W 13BCD 01	QU	20.94	1.04	-10.34	-8.94	-1.72	-.24	125	134	-6
25S 17W 17AAC 01	QU	23.78	.17	-9.38	-9.78	-1.56	-.27	50	60	-16
25S 17W 318BD 01	QU	18.87	.03	-7.77	3.13	-1.29	.08			
25S 18W 07ABD 01	QU	32.01	-.91	-6.21	-2.01	-1.03	-.05			
25S 18W 09AAA 01	QU	23.93	-.93	-8.33	-2.93	-1.38	-.08	107	110	-2
25S 18W 13BDB 01	QU	30.20	-.60	-8.10	-3.20	-1.35	-.08			
25S 18W 33COC 01	QU	25.45	-.60	-2.25	3.55	-.37	.09			
25S 19W 26DDB 01	QU	33.65	-.65	-3.55	-2.65	-.59	-.07			
25S 19W 31CAA 01	QU	18.03	-.13	-2.83	-1.03	-.47	-.02			
26S 16W 10CCC 01	QU	9.29		-5.49		-.91				
26S 16W 31CCA 01	QU	28.60		-9.00	-3.60	-1.50	-.10			
26S 16W 34ABC 01	QU	17.53	2.03	-10.73	7.47	-1.78	.20			
26S 17W 04AAC 01	QU	23.88	-.48		20.12		.55			
26S 17W 14BAA 01	QU	20.75		-.05	-4.75		-.13			
26S 17W 18BBD 01	QU	23.90	-.40	-5.40	4.10	-.90	.11			
26S 17W 33DDB 01	QU	19.61	.19	-7.21	2.39	-1.20	.06			
26S 18W 15DCB 01	QU	25.80	-1.10	-3.80	7.20	-.63	.20			
26S 18W 31CCC 01		38.96	-.48	-5.36	8.04	-.89	.22			
26S 18W 35ACC 01	QU	23.19		-6.49	3.81	-1.08	.10			
26S 19W 12ABB 02		44.65	-1.95							
26S 19W 16BCB 01	QU	33.17	-1.17	-3.77	1.83	-.62	.05			
26S 19W 23ABA 01	QU	33.44	-.74	-2.94	5.56	-.49	.15			
26S 19W 34BBD 01	QU	33.49	-.09	-2.69	2.51	-.44	.06			



WATER-LEVEL CHANGE IN EDWARDS COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

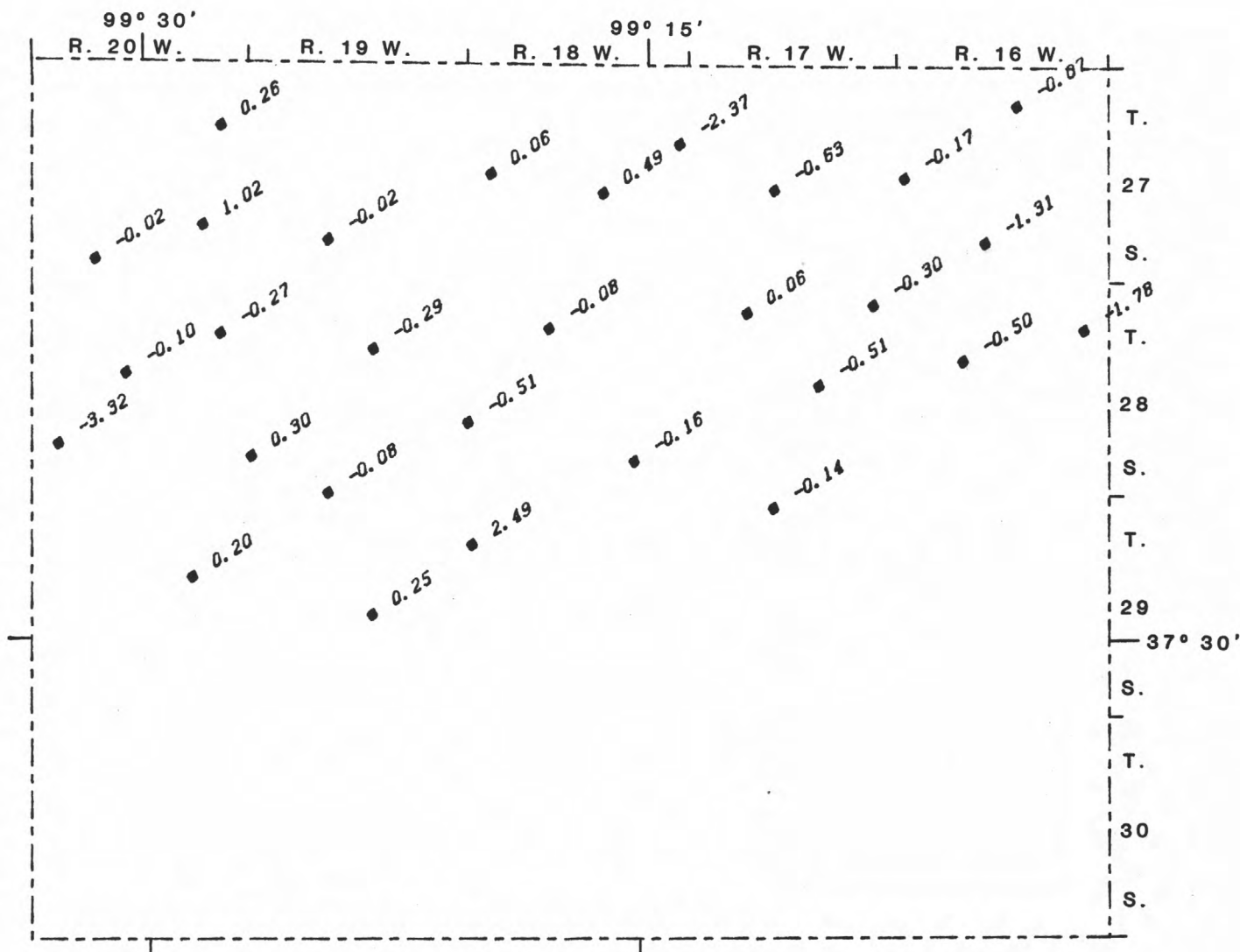
WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
KINGMAN COUNTY										
27S 05W 24CDC 01	QU	16.68	.41	-4.08	-2.68	-.68	-.07			
27S 05W 33A8B 02	QU	4.18	4.69	-.18	20.82	-.03	.57			
27S 06W 12CCD 01	QU	6.20	5.23	.40	.80	.06	.02			
27S 06W 16CCB 01		1.90	1.44	-1.00	-.90	-.16	-.02			
27S 07W 03ADC 01	QU	8.90	1.59	-.70	11.10	-.11	.30			
27S 07W 23BCC 01	QU	7.89	1.01	-.59		-.09		6		
27S 08W 14DDC 01	QU	1.67	-.18	-1.07	.33	-.17				
27S 08W 17DAB 01	QU	35.44	.06	-1.04	9.56	-.17	.26			
27S 08W 35CBC 01	QU	21.40	1.30	-1.00	10.60	-.16	.29			
27S 09W 06DDB 01	QU	51.93		-.43	-14.93	-.07	-.41			
27S 09W 15ABA 01	QU	48.55	.78	1.25	1.45	.20	.04			
27S 09W 20DDA 01	QU									
27S 10W 03DDD 01	QU	50.00	.98	1.00	-17.00	.16	-.47			
27S 10W 17DDD 01	QU	61.71	.23	.19	15.29	.03	.42	109	94	16
27S 10W 24DAD 01	QU	18.00		-2.00	2.00	-.33	.05			
27S 10W 31BCD 01	QU	24.70	1.00	-1.60	-6.70	-.26	-.18			
28S 07W 29CDD 01	QU	27.32	.22	-.72	2.68	-.12	.07			
28S 07W 35CCD 01	QU	20.00	2.69	1.90	3.00	.31	.08			
28S 08W 21B8B 01	QU	2.30	.48		-1.30		-.03	46	48	-2
28S 08W 26ABC 01	QU	61.94	.31	1.26	15.06	.21	.41			
28S 09W 01BCC 01		7.20	1.15	.30	7.80	.05	.21			
28S 09W 21AAA 01	QU	29.88	.04	-1.78	4.12	-.29	.11	88	84	4
28S 09W 29CCC 01	QU	34.20	.14	-1.50	-4.20	-.25	-.11	72	77	-5
28S 09W 34AAB 01	QU	44.75	.02	-1.95	-3.75	-.32	-.10			
28S 10W 16BCB 01	QU	51.07	.13	-.87	-.07	-.14				



WATER-LEVEL CHANGE IN KINGMAN COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

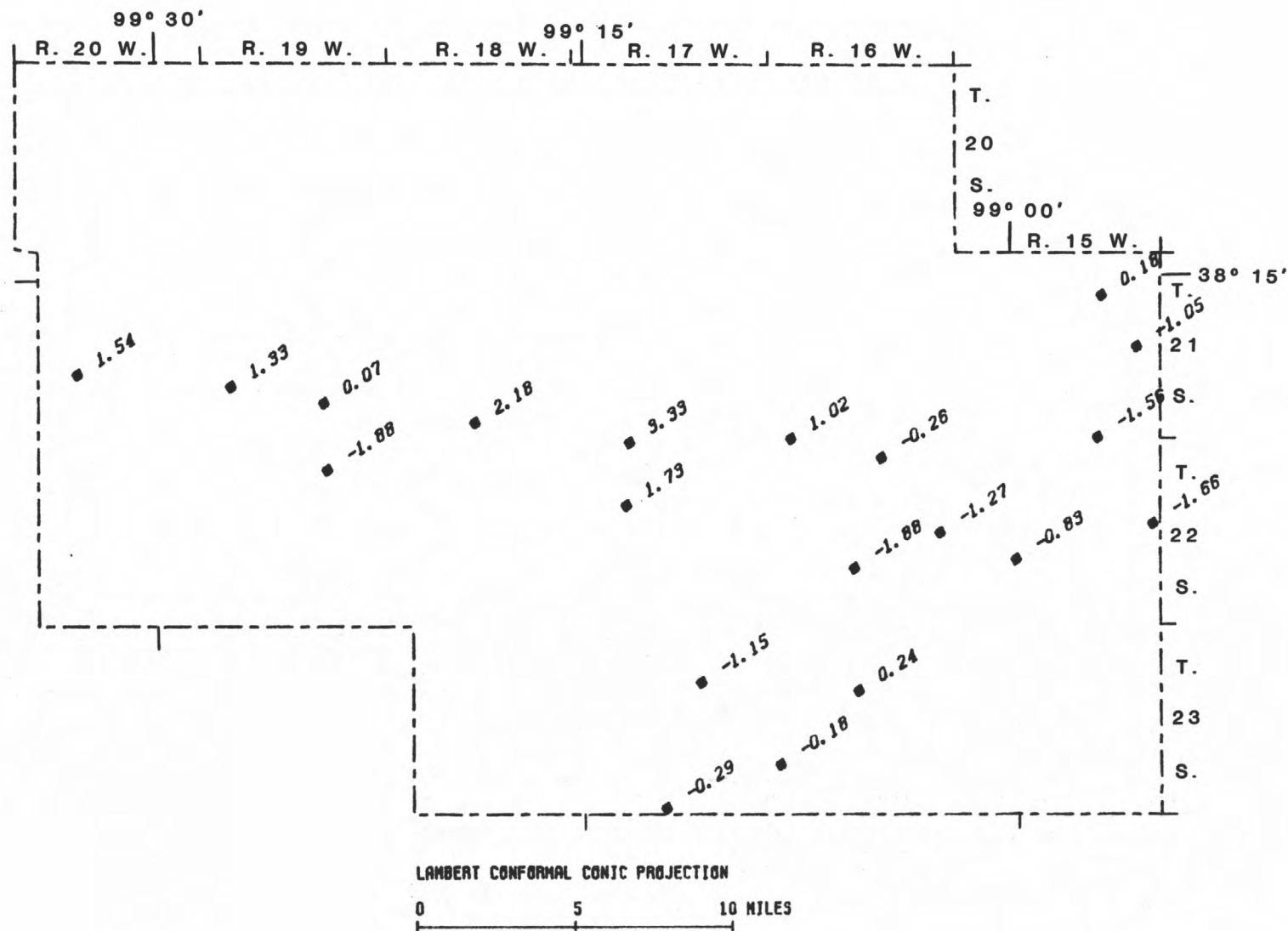
WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
KIOWA COUNTY										
27S 16W 10BAC 01	QU	21.87	-.07	-9.77	6.13	-1.62	.17			
27S 16W 198BD 01	QU	28.68	-.17	-8.38	8.32	-1.39	.23			
27S 16W 28CDD 01	QU	61.51	-1.31	-4.81	3.49	-.80	.09			
27S 17W 21ACC 01	QU	32.13	-.63	-7.73	6.87	-1.28	.19			
27S 18W 13AAA 01	QU	21.25	-2.37	-5.65	2.75	-.94	.07	197	195	1
27S 18W 18DCD 01	QU	15.68	.06	.02	10.32		.28			
27S 18W 22ADC 01	QU	21.01	.49	-6.91	7.99	-1.15	.22			
27S 19W 16DBD 01	QU	48.47		-3.27	1.53	-.54	.04			
27S 19W 28CBD 01	QU	70.14	-.02	-2.24	-10.14	-.37	-.28			
27S 20W 12BCD 01	QU	39.22	.26	.88	7.78	.14	.21			
27S 20W 26ABD 01	QU	42.20	1.02	-1.60	-4.20	-.26	-.11			
27S 20W 32ABD 01	QU	44.45	-.02	.75	-8.45	.12	-.23			
28S 16W 12BCA 01	QU	98.45	-1.78	2.55	-6.45	.42	-.17			
28S 16W 17AAC 01	QU	119.85	-.50	-1.85	.15	-.30				
28S 17W 01CAB 01	QU	57.05	-.30	-1.45	7.95	-.24	.22			
28S 17W 05DDB 01	QU	56.30	.06	5.70	8.70	.95	.24			
28S 17W 15DDB 01	QU	95.25	-.51	.75	9.75	.12	.27			
28S 18W 09BAC 01	QU	61.95	-.08	-.25	4.05	-.04	.11	120	116	3
28S 18W 19CCB 01	QU	86.94	-.51	1.06	16.06	.17	.44			
28S 18W 26DCA 01	QU	117.96	-.16	1.04	1.04	.17	.02			
28S 19W 10CAD 01	QU	64.14	-.29	.46	6.86	.07	.19			
28S 19W 30CBC 01	QU	113.06	.30	1.94	2.94	.32	.08			
28S 19W 33CBD 01	QU	133.48	-.08	.52	-.48	.08	-.01			
28S 20W 12BBD 01	QU	55.38	-.27	.32	8.62	.05	.23			
28S 20W 16ACB 01	QU	57.94	-.10	.66	5.06	.11	.14			
28S 20W 30ACA 01	QU	40.90	-3.32	-1.50	-8.90	-.25	-.24			
29S 17W 04ABC 01	QU	51.69	-.14							
29S 18W 03DCD 01	QU	151.03								
29S 18W 07BBD 01	QU	154.05	2.49							
29S 19W 22BAA 01	QU	156.50	.25							
29S 20W 11CDU 01	QU	167.02	.20							



WATER-LEVEL CHANGE IN KIOWA COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
PAWNEE COUNTY										
21S 15W 11CBB 01	QA	9.39	.18	-4.49	-6.39	-.74	-.17			
21S 15W 24BBB 01	QU	17.80	-1.05	-12.70	-9.80	-2.11	-.27			
21S 15W 31BAD 01	QU	16.59		-6.29	-8.59	-1.04	-.23			
21S 18W 32DAA 01	QA	28.47	2.18		-9.47		-.26			
21S 19W 27CCC 01		41.17	.07		-18.17		-.50			
21S 19W 30BCC 01		42.93	1.33		-13.93		-.38			
21S 20W 29BBB 01		43.16	1.54		-19.16		-.53			
22S 15W 03AAA 02	QU	25.71	-1.56	-10.21	-7.71	-1.70	-.21	181	189	-4
22S 15W 13UCA 01	QU	30.84	-1.66	-13.34	-1.84	-2.22	-.05			
22S 15W 20CDC 01	QU	25.65	-.83	-10.05	.35	-1.67				
22S 16W 03CBC 02	QA	13.89	-.26	-4.49	-5.89	-.74	-.16			
22S 16W 06BBA 01	QA	17.06	1.02							
22S 16W 23AAA 01	QU	31.90	-1.27	-10.10	-7.90	-1.68	-.21			
22S 16W 28BBB 01	QU	29.00	-1.88	-12.00	-3.00	-2.00	-.08	101	104	-2
22S 17W 05BBC 01		22.88	3.33		-7.88		-.21			
22S 17W 12CBB 01										
22S 17W 18AAD 01	QU	35.46	1.73							
22S 17W 24CBC 01	QA	9.82		-4.22	2.18	-.70	.06			
22S 19W 10BBA 01		54.08	-1.88							
23S 15W 18DOB 01	QU	28.71		-8.01	-20.71	-1.33	-.57			
23S 16W 16BAB 01	QU	16.09	.24	-7.99	-3.09	-1.33	-.08			
23S 16W 35CCD 01										
23S 17W 10COB 01	QU	33.34	-1.15	-7.94	-4.34	-1.32	-.12			
23S 17W 25ADC 01	QU	18.98	-.18	-6.28	-7.98	-1.04	-.22			
23S 17W 33CCA 01	QU	24.57	-.29		-2.57		-.07			
23S 18W 28DAD 01	QU	9.45		-3.15	-4.45	-.52	-.12	41	46	-9
23S 18W 36DAC 01	QU	22.65			-1.65		-.04			



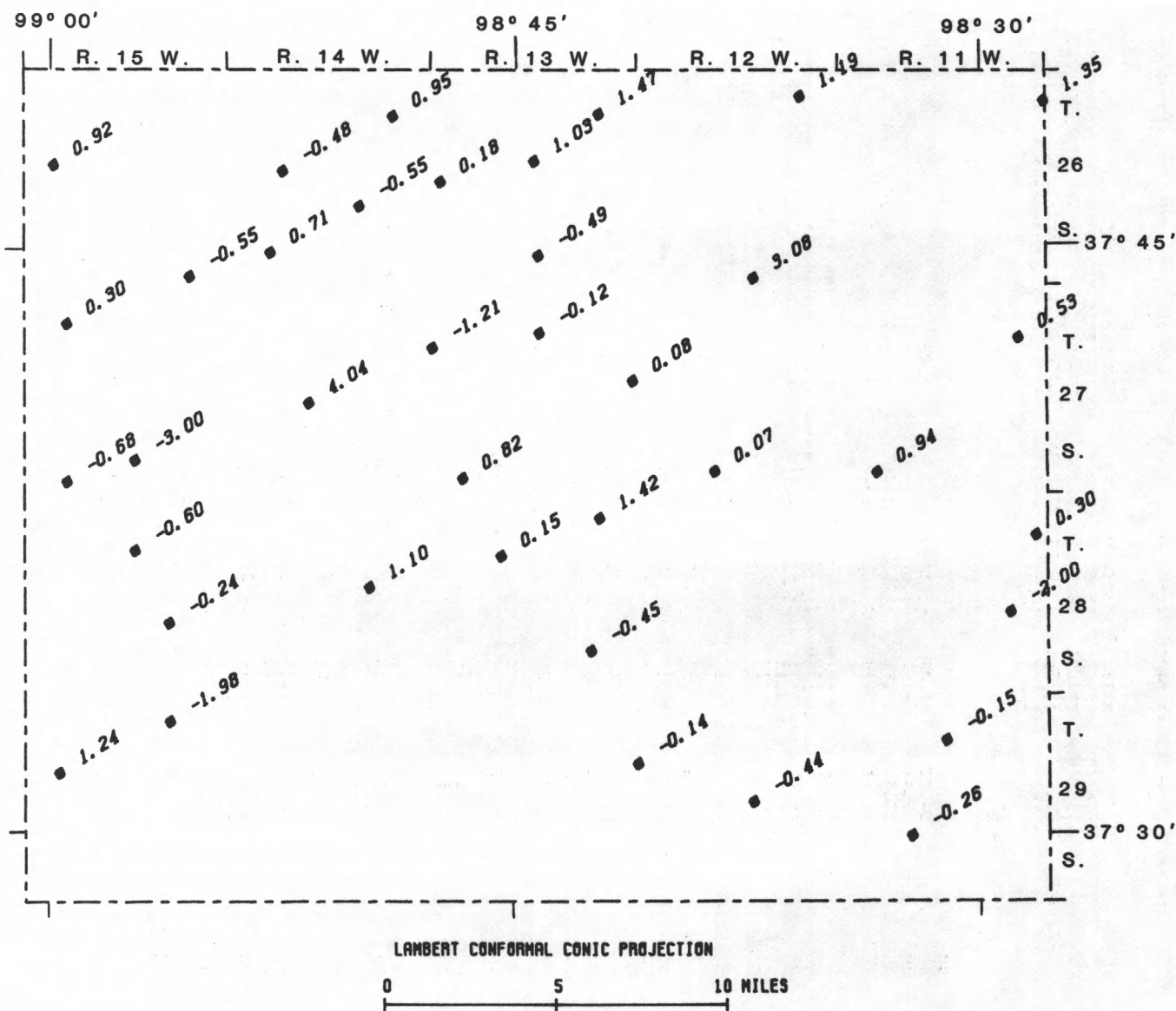
WATER-LEVEL CHANGE IN PAWNEE COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
PRATT COUNTY										
26S 11W 01DD8 01	QU	23.25	1.35	.25	-.25	.04				
26S 11W 27AAC 01	QU									
26S 12W 02DBD 01	QU	27.75	1.19	-.35	-.75	-.05	-.02			
26S 12W 17CCA 01	QU	35.45		-1.35	1.55	-.22	.04			
26S 12W 34CDC 01	QU	44.20	3.08	-1.00	1.80	-.16	.05	162	161	1
26S 13W 11AAC 01	QU	14.90	1.47	-6.50	-6.90	-1.08	-.19			
26S 13W 16DAA 01	QU	21.95	1.03	-6.35	-1.95	-1.05	-.05			
26S 13W 198BD 01	QU	22.29	.18	-7.89	-4.29	-1.31	-.11			
26S 13W 34BCB 01	QU	50.70	-.49	-4.00	-6.70	-.66	-.18			
26S 14W 11AAC 02	QU	4.60	.95	7.30	4.40	1.21	.12			
26S 14W 17DCB 01	QU	22.20	-.48	-5.70	-12.20	-.95	-.33			
26S 14W 22DD8 01	QU	23.80	-.55	-10.60	-9.80	-1.76	-.27			
26S 14W 328BD 01	QU	23.05	.71	-7.25	-5.05	-1.20	-.14			
26S 15W 08AAC 01		20.00								
26S 15W 18UAB 01	QU	12.90	.92	-8.10	-1.90	-1.35	-.05			
26S 15W 35DDB 01	QU	28.40	-.55	-7.30	2.60	-1.21	.07			
27S 11W 12CBC 01	QU	45.75	.53	.55	5.25	.09	.14	53	48	10
27S 11W 31DAA 01	QA	3.50	.94	-.80	4.50	-.13	.12			
27S 12W 33CBA 01	QU	2.65	.07	-1.45	.35	-.24				
27S 13W 10CBB 01	QU	54.50	-.12	-1.50	-9.50	-.25	-.26	165	175	-5
27S 13W 13DDC 01	QU	58.65	.08	-1.65	13.35	-.27	.37			
27S 13W 31DD8 01	QU	3.20	.82	.50	2.80	.08	.07			
27S 14W 03DAC 01		40.80								
27S 14W 12DD8 01	QU	60.40	-1.21	-2.70	-7.40	-.45	-.20	191	199	-3
27S 14W 21CAB 01	QU	33.30	4.04	.90	5.70	.15	.15			
27S 15W 088BD 01	QU	23.90	.30	-10.70	6.10	-1.78	.16	176	170	3
27S 15W 32CCA 01	QU	47.76	-.68							
27S 15W 348BD 01	QU	70.50	-3.00	-5.20	-4.50	-.86	-.12			
27S 15W 36ADD 01	QU	71.70		2.00	3.30	.33	.09			
28S 11W 12ACC 01	QU	34.00	.30	-1.90	2.00	-.31	.05			
28S 11W 20CAC 01		69.35								
28S 11W 23DAC 01	QU	10.40	-2.00	-1.90	1.60	-.31	.04			
28S 12W 21BAD 01	QU	82.65		-.85	.35	-.14				
28S 13W 02DDC 01	QU	9.05	1.42	-.95	-.05	-.15				
28S 13W 17AAA 01	QU	70.42	.15	1.58	1.58	.26	.04			
28S 13W 26DCB 01	QU	90.95	-.45	.05						
28S 14W 14CCC 01	QU	77.80	1.10	-.90	2.20	-.15	.06			
28S 15W 10CCA 01	QU	99.80	-.60	-5.20	-14.80	-.86	-.41			
28S 15W 23CCD 01	QU	105.85	-.24	2.15	3.15	.35	.08			
29S 11W 09ADD 01	QU	54.20	-.15	-5.30	.80	-.88	.02			

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
PRATT COUNTY -- CONTINUED										
29S 11W 29AAD 01	QU	62.40	-.26	-5.00	.60	-.83	.01			
29S 12W 20CCD 01	QU	106.65		-8.25	-11.65	-1.37	-.32			
29S 12W 22BAC 01	QU	66.64	-.44	-1.04	-.64	-.17	-.01			
29S 13W 13AAA 01	QU	89.60	-.14	-.50	-.60	-.08	-.01			
29S 13W 31CAA 01	QU									
29S 14W 16DBB 01	QU									
29S 14W 17DBD 01		99.70								
29S 15W 02CCA 01	QU	87.30	-1.98	-2.10		-.35				
29S 15W 18ADA 01	QU	85.60	1.24	.40	-7.60	.06	-.21			



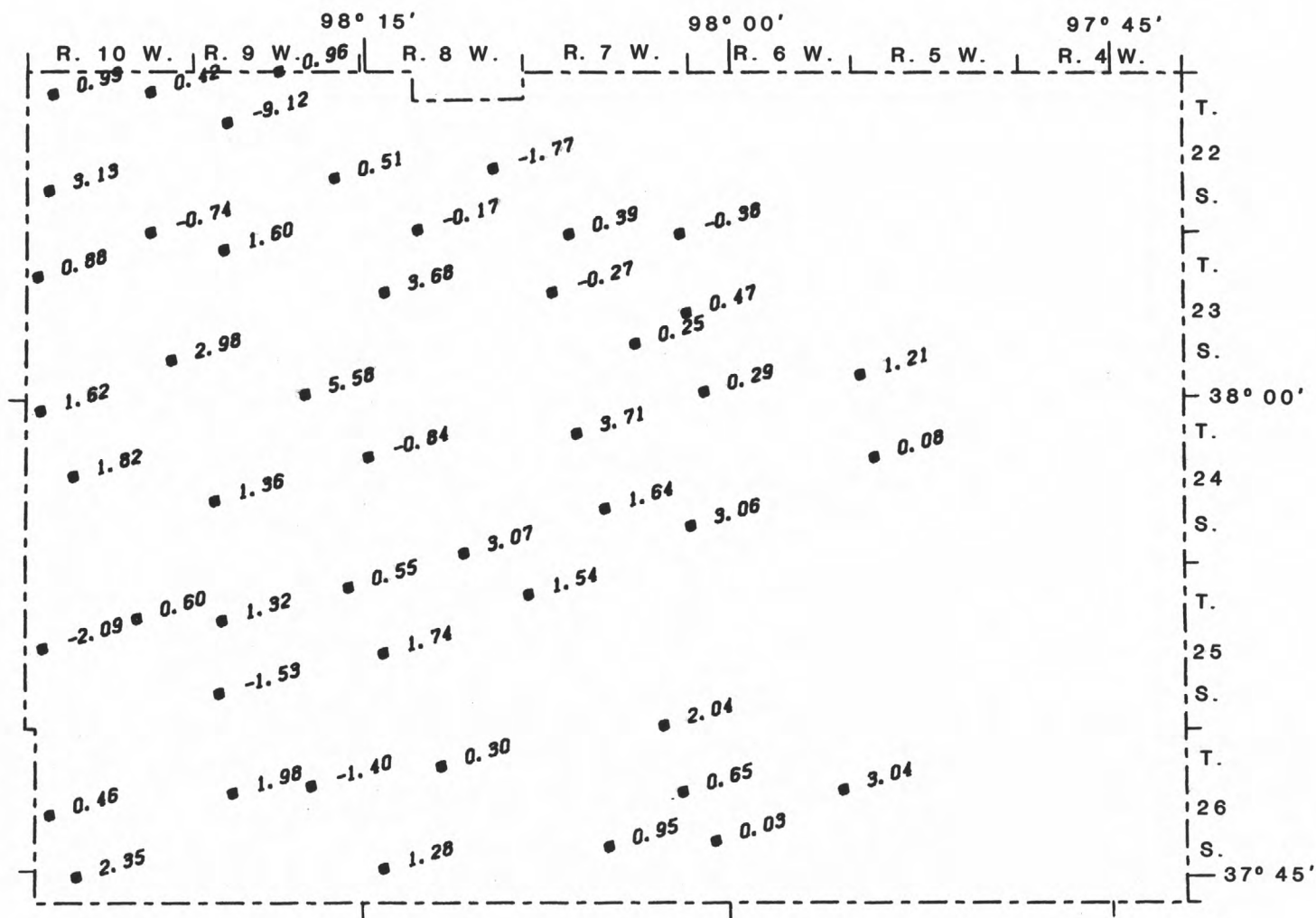
WATER-LEVEL CHANGE IN PRATT COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
RENO COUNTY										
22S 07W 17DCB 01	QU									
22S 08W 23DAD 01	QU	31.07	-1.77	-1.77		-.29				
22S 08W 33CCD 01	QU	5.87	-.17	-1.67		-.27				
22S 09W 03BBD 01	QU	33.42	.96	-4.32	-13.42	-.72	-.37			
22S 09W 17BAB 01	QU	17.72	-9.12	-7.92	-7.72	-1.32	-.21			
22S 09W 25BBA 01	QU	20.46	.51	-1.56		-.26				
22S 10W 020CC 01	QU	8.79	.42	-7.19	3.21	-1.19	.08			
22S 10W 08BBB 01	QU	14.11	.99	-8.21	-8.11	-1.36	-.22			
22S 10W 30DAA 01	QU	8.45	3.13	-4.55	1.55	-.75	.04			
23S 05W 31BBD 01	QA	5.70	1.21	-.90	-.70	-.15	-.01			
23S 06W 31DCB 01	QU	31.41	.29	.99	-4.41	.16	-.12			
23S 07W 01ABA 01	QU	7.00	-.38	-1.70		-.28				
23S 07W 05ABA 01	QU	24.98	.39	-2.48	-4.98	-.41	-.13			
23S 07W 130DD 01	QU	52.74	.47	.06	-3.74	.01	-.10			
23S 07W 17B8C 01	QU	12.63	-.27	-2.33	-2.63	-.38	-.07			
23S 07W 26BBB 01	QU	39.02	.25	1.28	-2.02	.21	-.05			
23S 08W 18AAD 01	QU	12.99	3.68	-2.49	2.01	-.41	.05			
23S 09W 05CBD 01	QU	16.55	1.60	-4.55	-7.55	-.75	-.20			
23S 09W 210DB 01	QU									
23S 09W 35CCC 01	QU	15.59	5.58	-1.99	-5.59	-.33	-.15	94	100	-5
23S 10W 02ABH 01	QU	6.11	-.74	-3.11	.89	-.51	.02			
23S 10W 07CAD 01	QU	5.30	.88	-3.20	-.30	-.53				
23S 10W 25CAC 01	QU	10.02	2.98	-5.52	7.98	-.92	.22			
24S 05W 18ABU 01	QU	33.09	.08	-1.29	-4.09	-.21	-.11			
24S 06W 30CBC 01	QU	7.35	3.06	.35	2.65	.05	.07			
24S 07W 08ADA 01	QU	47.00	3.71	1.70	-13.00	.28	-.36			
24S 07W 28AAA 01	QU	11.46	1.64	2.64	1.54	.44	.04			
24S 08W 04AB 01		13.27								
24S 08W 18BAC 01	QU	3.35	-.84	-.85		-.14				
24S 08W 34DAC 01	QU	5.71	3.07	.69		.11				
24S 09W 19DDH 01	QU	22.20	1.36	-.30	-5.20	-.05	-.14			
24S 10W 06DBB 01	QU	21.23	1.62	-3.33	-4.23	-.55	-.11			
24S 10W 17DDC 01	QU	14.69	1.82	-2.89	-5.69	-.48	-.15			
25S 07W 07BBD 01	QU	23.23	1.54	1.07		.17				
25S 07W 36CCC 01	QU	25.97	2.04	-1.47		-.24				
25S 08W 19ADB 01	QU	7.73	1.74	-.43		-.07				
25S 09W 01DCC 01	QU	13.76	.55	-.96	-3.76	-.16	-.10			
25S 09W 01DCD 01										
25S 09W 17B8C 01	QU	14.07	1.32	-1.47	-7.07	-.24	-.19			
25S 09W 30DDA 01	QU	17.02	-1.53	-1.02	-2.02	-.17	-.05			

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
RENO COUNTY -- CONTINUED										
25S 10W 1488B 01	QU	25.30	.60	-.40	-.30	-.06		89	90	
25S 10W 19ABD 01	QU	28.00	-2.09	-.10	5.00	-.01	.13			
26S 06W 138AB 01	QU	6.82	3.04	.38		.06				
26S 06W 19DCD 01	QU	25.83	.03	-1.03		-.17				
26S 06W 3488C 01	QU	18.09		-.49		-.08				
26S 07W 12DCC 01	QU	31.38	.65	-.78		-.13				
26S 07W 2100C 01	QU	23.45	.95	-1.95		-.32				
26S 08W 09ABA 01	QU	6.74	.30							
26S 08W 26CBA 02	QU	2.88		.32		.05				
26S 08W 300CB 01	QU	33.78	1.28	-1.28		-.21				
26S 09W 100DB 01	QU	22.10	-1.40	-2.30	3.90	-.38	.10			
26S 09W 18AAA 01	QU	6.61	1.98	1.69	10.39	.28	.28			
26S 09W 34DBD 01	QU	25.64		-.34	-.64	-.05	-.01			
26S 10W 18CDC 01	QU	24.23	.46	.37	-11.23	.06	-.31			
26S 10W 3288D 01	QU	24.52	2.35	-.02	-19.52		-.54			



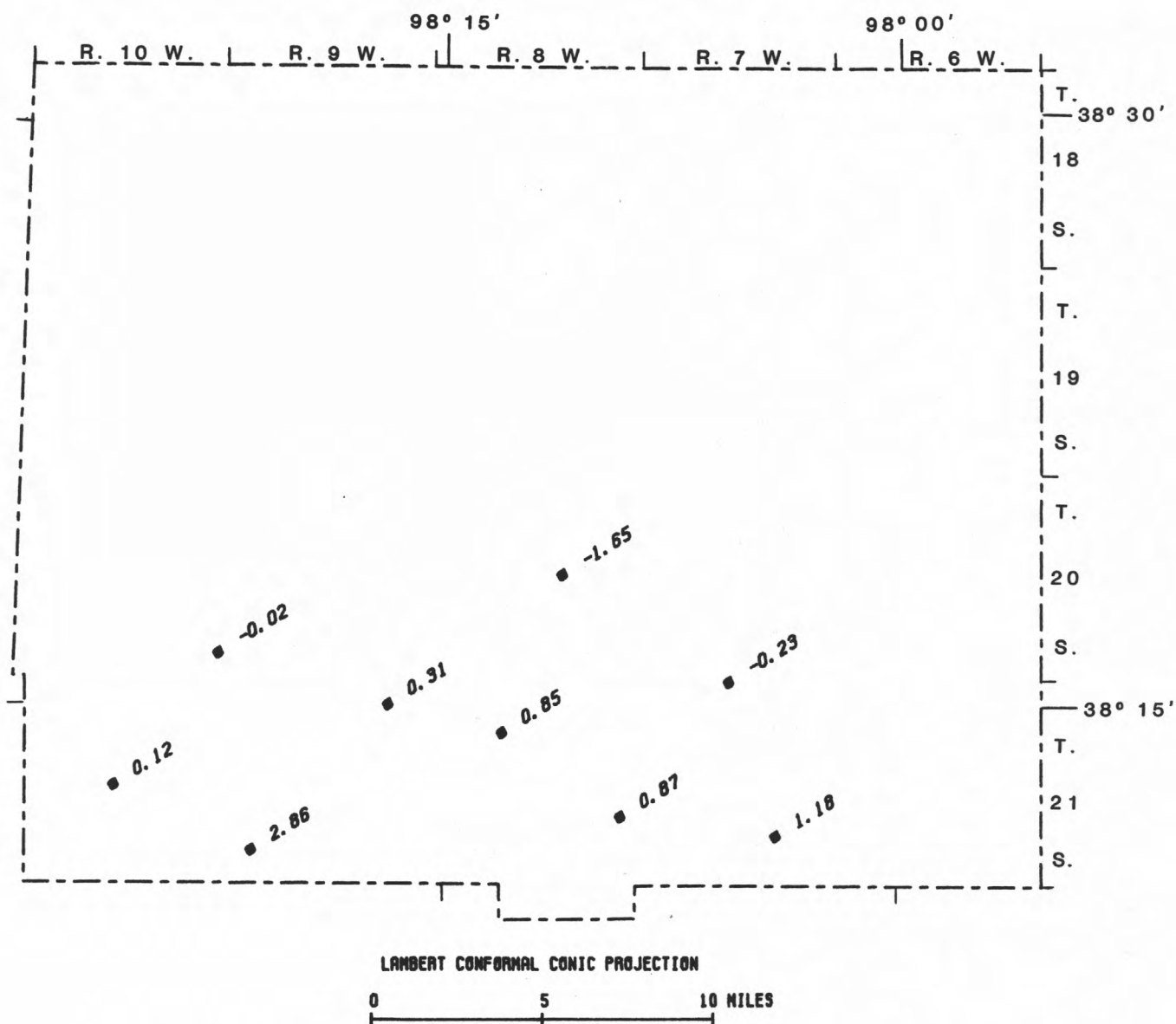
LAMBERT CONFORMAL CONIC PROJECTION

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WATER-LEVEL CHANGE IN RENO COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
RICE COUNTY										
20S 08W 22AAA 01		14.15	-1.65							
20S 10W 36ADC 01		13.43	-.02		-3.43		-.09			
21S 07W 04AAC 01		12.86	-.23		1.14		.03			
21S 07W 26CBD 01		8.67	1.18		1.33		.03			
21S 08W 09CBD 01		9.47	.85		-.47		-.01			
21S 08W 25AB 01		3.26	.87		3.74		.10			
21S 09W 02DD 01		12.13	.31		-3.13		-.08			
21S 09W 31AAC 01	QA	11.75	2.86	3.05	1.25	.50	.03			
21S 10W 21ADB 01	QU	8.74	.12	-6.74	-3.74	-1.12	-.10			



WATER-LEVEL CHANGE IN RICE COUNTY, 1979-80

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
STAFFORD COUNTY										
21S 12W 10CDD 01	QU	23.73	-1.41	-18.83	.27	-3.13				
21S 13W 018CB 01	QU	14.88	-1.44	-11.18	-5.88	-1.86	-.16			
21S 13W 13ADB 01	QU	16.33	-1.43	-10.43	1.67	-1.73	.04			
21S 13W 27DDD 02	QU	8.54	-1.04	-7.94	2.46	-1.32	.06			
21S 14W 22AAC 01	QU	17.55	-1.72	-12.75	-1.55	-2.12	-.04			
21S 14W 32BAC 01	QU	24.30	-1.85	-8.10	-2.30	-1.35	-.06			
22S 11W 078BB 01	QU	4.84	.12	-1.54	5.16	-.25	.14	49	44	11
22S 12W 058BD 01	QU	18.58	-1.46	-9.68	2.42	-1.61	.06			
22S 12W 308BD 01	QU	16.04	-.91	-9.04	-3.04	-1.50	-.08			
22S 12W 368BB 02	QU	4.06	.99	-3.36		-.56		141		
22S 13W 05CBC 01	QU	15.03	-1.86	-11.93	-9.03	-1.98	-.25			
22S 13W 12CAC 01	QU	19.55	-1.30	-10.95	.45	-1.82	.01			
22S 13W 290AD 01	QU	14.63	1.35	-9.43	2.37	-1.57	.06			
22S 14W 07AAC 01	QU	25.46	-4.36	-16.36	-3.46	-2.72	-.09			
22S 14W 14CCA 01	QU	17.49	-1.85	-16.69	-5.49	-2.78	-.15			
22S 14W 298BA 01	QU	19.27	-2.00	-14.17	-4.27	-2.36	-.11			
22S 14W 350DB 01	QU	24.61	-1.66	-13.51	-4.61	-2.25	-.12			
23S 11W 028BB 01	QU	1.07	1.98	-.07		-.01		123		
23S 11W 22BCC 01	QU	22.18	.85	-4.78	-17.18	-.79	-.47			
23S 12W 07DBD 01	QU	8.35	-.12	-7.85	-7.35	-1.30	-.20			
23S 12W 22BCC 01	QU	14.65	7.88	-9.25	-10.65	-1.54	-.29			
23S 12W 368BC 01	QU	17.20	-.07	-5.50	-9.20	-.91	-.25			
23S 13W 16CCA 01	QU	12.93	.22	-4.03	1.07	-.67	.02			
23S 13W 30CB8 01	QU	11.63	-.14	-3.73	-.63	-.62	-.01			
23S 13W 35CCA 01	QU	17.53	-.95	-10.23	1.47	-1.70	.04			
23S 14W 15A0D 01	QU	7.83	-.17	-4.53	-.83	-.75	-.02			
23S 14W 308BB 01	QU	36.20	-1.41	-1.80	-12.20	-.30	-.33			
24S 11W 14CAB 01	QU	30.99	.92	-.99	-6.99	-.16	-.19			
24S 11W 170DB 01	QU	23.00	.42	-.20		-.03				
24S 12W 17CAB 01	QU	26.59	-1.08	-9.79	-4.59	-1.63	-.12			
24S 12W 34ABC 01	QU	22.73	-.17	-2.73	6.27	-.45	.17			
24S 13W 07BDC 01	QU	20.43	-.24	-4.53	1.57	-.75	.04			
24S 13W 16ACA 01	QU	18.56	-1.05	-9.96	-.56	-1.66	-.01			
24S 13W 30BCB 01	QU									
24S 14W 17AAC 01	QU	28.34	-.72	-6.64	-1.34	-1.10	-.03			
24S 14W 318BD 01	QU	19.64	-.90	-11.84	3.36	-1.97	.09			
24S 15W 08CDC 01	QU	13.46	-.48	-6.66	-1.46	-1.11	-.04			
24S 15W 10BAB 01	QU	23.44	-1.00	-8.84	.56	-1.47	.01			
24S 15W 32DBC 01	QU	21.20	.02	-11.30	-.20	-1.88				
25S 11W 02ACB 01	QU	10.63	1.20	-.33	-.63	-.05	-.01			

TABLE 2. CHANGES IN WATER LEVEL AND SATURATED THICKNESS, SOUTH-CENTRAL KANSAS -- CONTINUED

WELL NUMBER	AQUIFER	DEPTH TO WATER IN 1980 (FEET)	WATER LEVEL CHANGE 1979-80 (FEET)	WATER LEVEL CHANGE 1974-80 (FEET)	WATER LEVEL CHANGE 1944-80 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-80 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-80 (FEET/YEAR)	SATURATED THICKNESS IN 1980 (FEET)	SATURATED THICKNESS IN 1944 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-80
STAFFORD COUNTY -- CONTINUED										
25S 11W 23DDD 01	QU	14.76	2.48	-1.86	-1.76	-.31	-.04			
25S 12W 17CAA 01	QU	25.27	.44	-9.07	-6.27	-1.51	-.17			
25S 12W 24DDB 01	QU	12.64	1.05	-2.44	4.36	-.40	.12			
25S 12W 32CCA 01	QU	3.45	1.44	-2.25	5.55	-.37	.15			
25S 13W 0388B 01	QU	19.43	-1.18	-11.13	-1.43	-1.85	-.03			
25S 13W 07B 01		18.82								
25S 13W 12ADB 01	QU	32.19	-.62	-8.79	-9.19	-1.46	-.25			
25S 13W 30CCA 01	QU	17.84	.81	-10.64	3.16	-1.77	.08			
25S 13W 33DCB 01	QU	8.33		-6.53	1.67	-1.08	.04			
25S 14W 04AAD 01	QU	13.69	-.24	-4.49	10.31	-.74	.28			
25S 14W 30CDB 01	QU									
25S 15W 118CB 01	QU	13.70	.30	-2.00	2.30	-.33	.06			
25S 15W 298BD 01	QU	9.66	.94	-5.36	6.34	-.89	.17			
25S 15W 298BD 01	QU	9.66	.94							

