

UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

JANUARY 1982 WATER LEVELS, AND DATA RELATED
TO WATER-LEVEL CHANGES, WESTERN AND
SOUTH-CENTRAL KANSAS

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U.S. GEOLOGICAL SURVEY

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UNITED STATES DEPARTMENT OF THE INTERIOR

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INTRODUCTION

This report provides hydrologic data related to water-level measurements in observation wells in western and south-central Kansas during January 1982. Annual water-level measurements are made by personnel from the Division of Water Resources, Kansas State Board of Agriculture, and from the U.S. Geological Survey. State-agency support for this cooperative program is provided by the Kansas Geological Survey.

Water-level measurements are made in mid-winter of each year, mostly in January, to minimize the effect of seasonal pumping. However, a few water-level measurements that are made in mid-winter of some years may reflect either the effects of recent pumping by the observation well or by nearby wells, or the effects of barometric-pressure changes. Thus, a significant change in water-levels for a particular well during a 1-year period may represent only a temporary condition, and any indication of a developing trend should be based on a comparison of changes that occur over a period of several years.

Hydrologic data in this report relate water-level changes from: (1) a "base-reference year" (predevelopment year), (2) a year of abnormally high rainfall and minimum pumpage (1966 or 1974), and (3) each of seven consecutive years of measurement (1976-82). The "base-reference year" is designated as 1940 for the southwestern area, 1944 for the south-central area, and 1950 for the northwestern and west-central areas (fig. 1). Water levels for the "base-reference year" are established by measurements made during that year and by interpretation of maps showing water-level altitudes. Depth to bedrock, used in computing saturated thickness of water-bearing deposits, are based on driller's logs, reported depths of wells, and interpretations of maps showing the altitude of the bedrock surface.

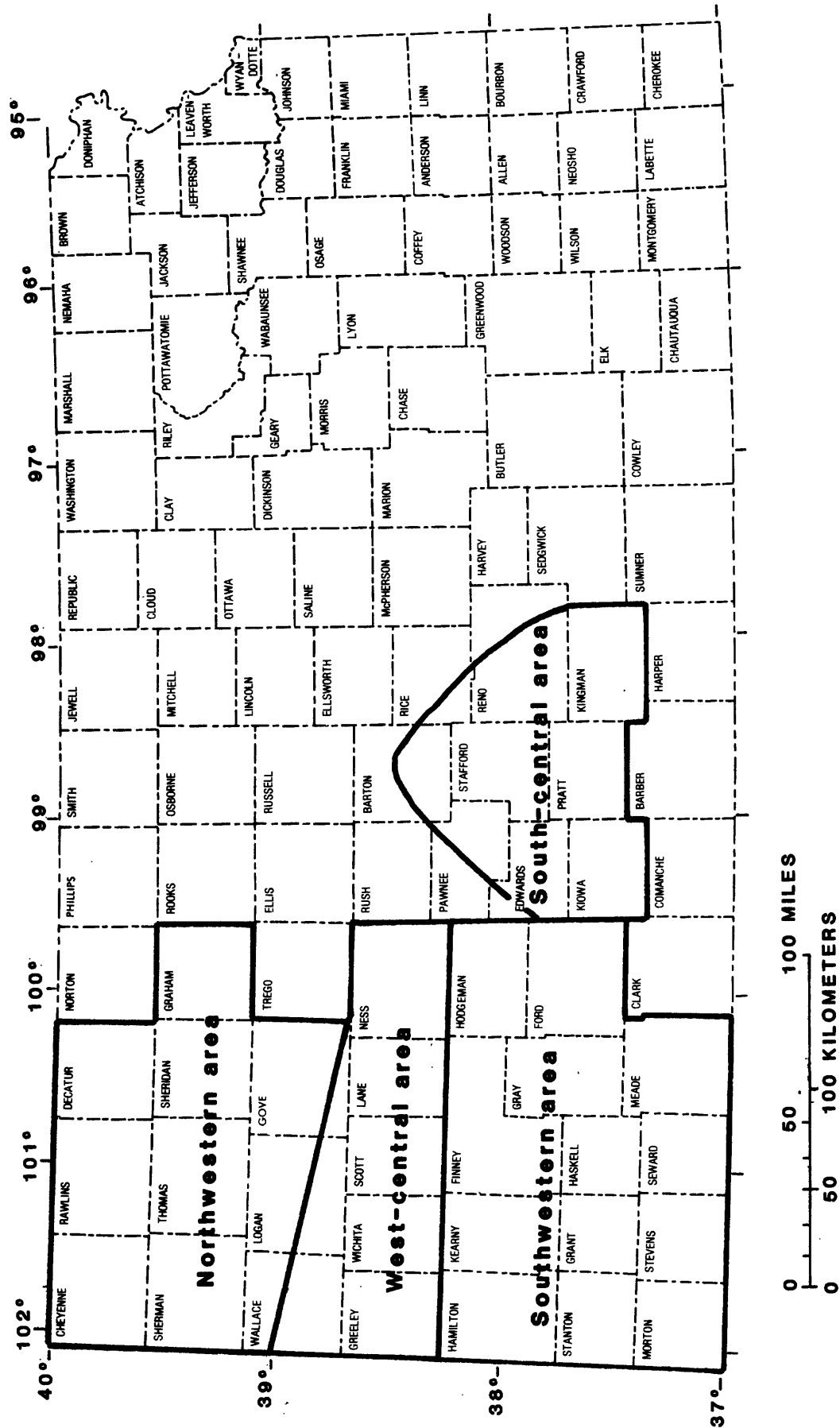


Figure 1.--Location of reported areas.

Tables in the report show: (1) depths to water during either 1940, 1944, or 1950 (predevelopment years), during either 1966 or 1974, and during each year from 1976 through 1982; (2) water-level changes from either 1940-82, 1944-82, or 1950-82, from either 1966-82 or 1974-82, and from 1981-82; and (3) average annual water-level changes from either 1940-82, 1944-82, or 1950-82, and from either 1966-82 or 1974-82. Also shown are saturated thicknesses of the water-bearing deposits during either 1940, 1944, or 1950, and during 1982, as well as the percentage change in saturated thickness from either 1940-82, 1944-82, or 1950-82.

County maps in the report show the location of wells in the water-level observation network and the 1981-82 water-level change, in feet. A minus (-) sign preceding the number indicates a water-level decline; no sign indicates a water-level rise.

As an indicator of water-level trends, average water-level changes for the four areas (fig. 1) were computed for various time intervals. These average changes are computed only from the wells measured for the given time interval and do not represent an areally weighted average of water-level changes. In northwestern Kansas, the average water-level decline was 0.7 foot during 1981, and 1.0 foot during 1980. The average yearly water-level decline was 0.6 foot for the 16-year period from 1966 to 1981. In west-central Kansas, the average decline was 1.3 feet during 1981, and 1.4 feet during 1980. For 1966-81, the average yearly decline was 1.6 feet. In southwestern Kansas, the average water-level decline was 1.3 feet during 1981, and 2.7 feet during 1980. The average yearly decline was 1.7 feet during 1966-81. In south-central Kansas, the average water-level decline was 0.1 foot during 1981, and 0.8 foot during 1980. The average yearly decline was 0.3 foot during 1974-81. Over all of the measured

areas in western and south-central Kansas, water levels declined an average of 1.0 during 1981.

Wells in this report are numbered according to the U.S. 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 quarter section or 160-acre tract within the section; the second, the quarter-quarter section or 40-acre tract; and the third, the quarter-quarter-quarter section or 10-acre tract. The letters are designated A, B, C, and D 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 "01", are added in the order in which data from the wells are collected. Thus, in Greeley County, the number 18S 39W 07BBD 01 indicates that the well is in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 7, T.18 S., R.39 W. (fig. 2).

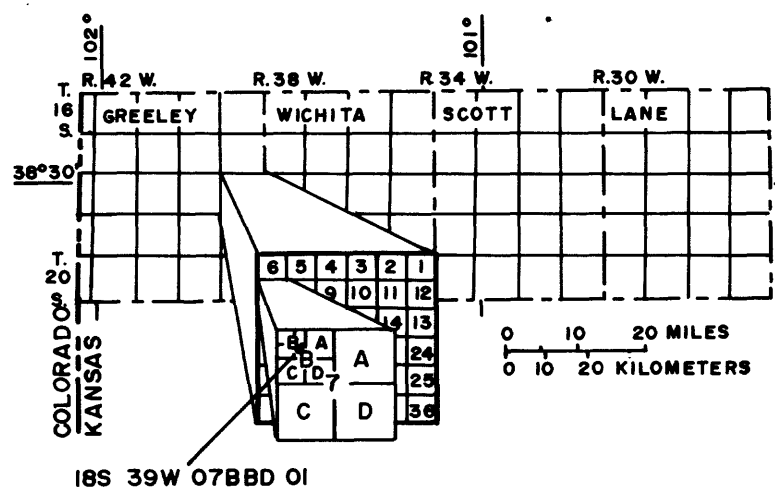


Figure 2.--Well-numbering system.

Letter designations for the geologic units shown in the tables are: QA, Quaternary alluvium; QU, undifferentiated Quaternary deposits; T0, Tertiary Ogallala Formation; KN, Cretaceous Niobrara Chalk; KU, undifferentiated Lower Cretaceous rocks; KJ, undifferentiated Lower Cretaceous and Upper Jurassic rocks; PB, Permian Big Basin; and PW, Permian Whitehorse Formation.

PUBLICATIONS CONTAINING WATER-LEVEL DATA FOR KANSAS

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

Year	Water-Supply Paper number*	Year	Water-Supply Paper number*
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.

A series of annual reports that contain records of water-level measurements made in Kansas during 1956-65 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 above, records of annual water-level measurements in Kansas are 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.

——— 1980, January 1980 water levels, and data related to water-level changes, western and south-central Kansas: U.S. Geological Survey Open-File Report 80-958, 166 p.

——— 1981, January 1981 water levels, and data related to water-level changes, western and south-central Kansas: U.S. Geological Survey Open-File Report 81-1001, 168 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.-- SELECTED HYDROLOGIC DATA

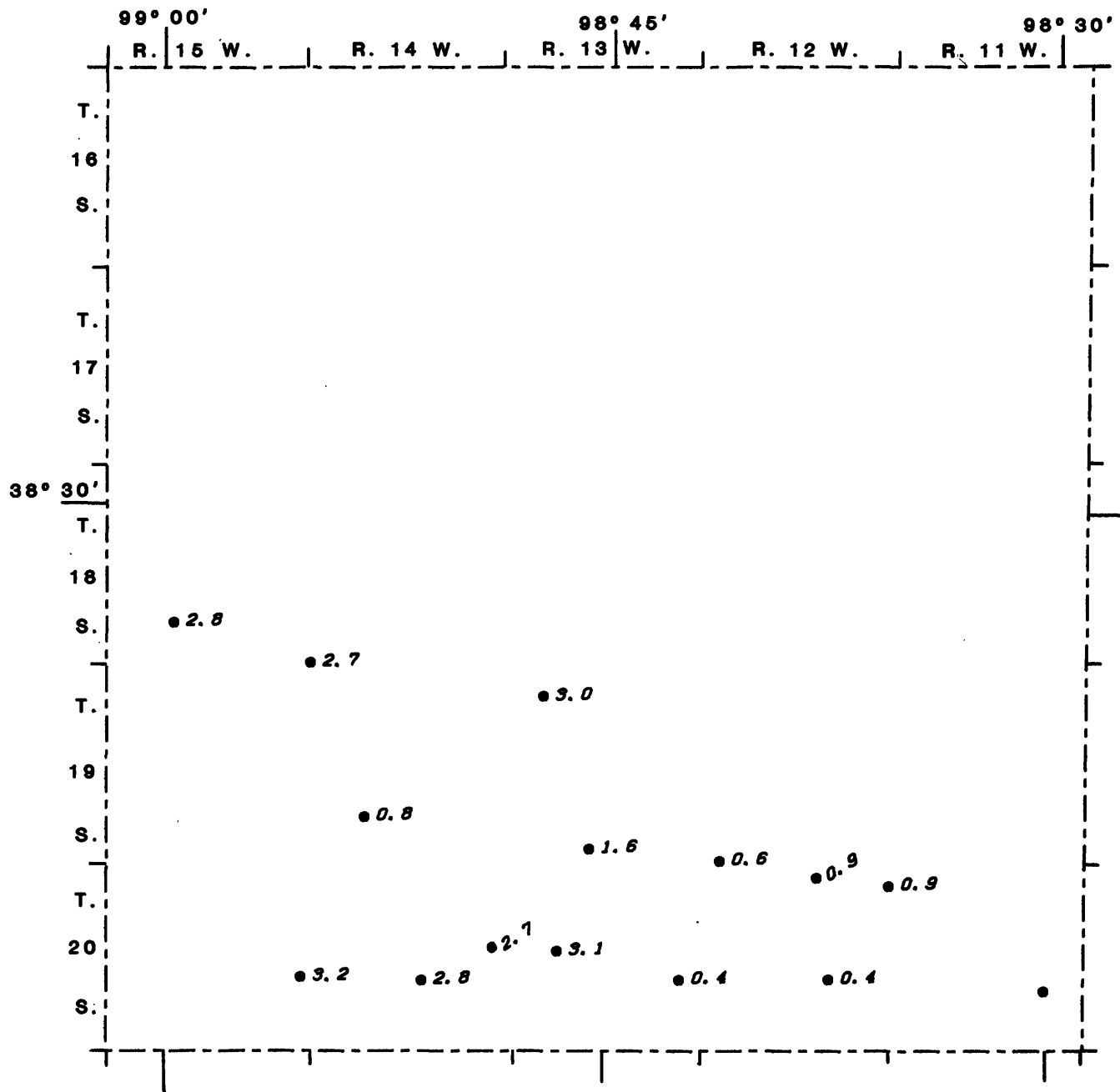
BARTON COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
18S 15W 28CCC 03	QA	1912.		9		13.4	15.9	15.5	18.8	19.2	21.0	18.2
19S 13W 08RAD 01		1855.		11						19.8	20.8	17.8
19S 13W 33DDR 01	QA	1847.			4.4					8.8	9.5	7.9
19S 14W 06RBR 01		1895.		13						16.6	19.1	16.4
19S 14W 29DDR 01		1895.		20						26.5	27.7	26.9
20S 11W 06CCC 01	QA	1788.		9	5.6					10.0	10.4	9.5
20S 11W 26AAC 01	QU	1752.		3	1.6					10.0		8.8
20S 12W 03DAC 01		1790.		2	1.3					7.2	7.6	6.7
20S 12W 06AAC 01	QU	1822.		7	5.1					8.5	9.6	9.0
20S 12W 23CCA 01	QU	1814.		11	3.7					14.4	15.5	15.1
20S 13W 17DDC 01	QU	1876.		11	7.2					16.1	17.3	14.2
20S 13W 24DCR 01	QU	1850.		12	9.6					19.1	19.8	19.4
20S 14W 13DDR 01		1880.		5	11.5					19.6	20.3	17.6
20S 14W 22DCR 01		1897.		6	6.5					13.7	14.4	11.6
20S 15W 24DBD 01		1915.		10						13.7	14.7	11.5

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

BARTON COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
18S 15W 28CCC 03	QA	18.2	-9		2.8	-0.2				
19S 13W 08RAD 01		17.8	-7		3.0	-0.2				
19S 13W 33DDR 01	QA	7.9		-3.5	1.6		-0.4			
19S 14W 06BRR 01		16.4	-3		2.7	-0.1				
19S 14W 29DDR 01		26.9	-7		.8	-0.2				
20S 11W 06CCC 01	QA	9.5	-1	-3.9	.9		-0.5			
20S 11W 26AAC 01	QII	8.8	-6	-7.2		-0.2	-0.9			
20S 12W 03DAC 01		6.7	-5	-5.4	.9	-0.1	-0.7			
20S 12W 06AAC 01	QII	9.0	-2	-3.9	.6	-0.1	-0.5			
20S 12W 23CCA 01	QII	15.1	-4	-11.4	.4	-0.1	-1.4			
20S 13W 17DDC 01	QII	14.2	-3	-7.0	3.1	-0.1	-0.9			
20S 13W 24DCR 01	QII	19.4	-7	-9.8	.4	-0.2	-1.2			
20S 14W 13DDR 01		17.6	-13	-6.1	2.7	-0.3	-0.8			
20S 14W 22DCR 01		11.6	-6	-5.1	2.8	-0.2	-0.6			
20S 15W 24DBD 01		11.5	-2		3.2	-0.1				



WATER-LEVEL CHANGE IN BARTON COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

CHEYENNE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1950 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)	1988 (FEET)	1989 (FEET)
01S 38W 02CDC 01	QA	3034.	41	23	22.6	25.3	25.8	25.1	26.0	25.1	24.3	23.6							
01S 38W 08DCC 01	QA	3057.	33	12	12.3	13.9	15.5	14.4	15.9	13.8	13.7	13.3							
01S 38W 30RDC 01	QA	3090.	28	7	8.0	11.8	15.7	9.9	10.2	10.1	9.8	8.6							
01S 39W 25CBC 01	QA	3102.	26	7	8.5	9.9	10.0	9.9	10.4	10.2	10.2	9.8							
02S 39W 27RBR 01	QA	3235.	28	18	17.8	18.4	18.9	18.3	19.1	18.5	19.0	16.8							
02S 40W 28DBA 01	TO	3452.	140	112	112.5	113.0		112.5	112.8	113.2	113.5	112.0							
02S 41W 27RRD 01	TO	3620.	242	200	198.6		215.2	200.7	218.6		201.0								
02S 41W 33DBC 01	TO	3650.	288	235	235.2	247.1		238.0	238.4	237.9		237.7							
02S 42W 14DDO 01	TO	3693.	248	232	231.8	233.7	232.1	232.4	232.5	232.5	232.5	233.0							
03S 37W 19RBC 01	TO	3468.	325	215	219.8	226.5	227.0	228.1	229.3	229.4	228.8	229.2							
03S 37W 21DDO 01	TO	3422.	312	194					225.9	217.5	218.2	218.7							
03S 37W 36ADR 01	TO	3381.	300	175	182.0	197.3	201.9	197.7	205.7		201.4	200.9							
03S 39W 20DAC 01	TO	3450.	199	130	140.4	146.2	148.8	141.8	144.1	141.9	141.8	141.2							
03S 39W 24DDO 01	TO	3505.	275	205					219.7	218.6	220.0	220.6							
03S 39W 32RDR 01	TO	3490.	223	150	153.6	157.2	160.9	155.9	156.8	153.2	154.2	153.4							
03S 40W 09RAA 02	QA, TO	3358.	22	20	19.9	21.3	19.6	20.4	20.3		20.5								
03S 40W 22RCA 01	QA	3277.	18	7	6.7	6.3	6.8	6.5	7.1	6.1	6.2	5.8							
03S 40W 28CBB 01	QA	3308.	26	10	8.7	11.3	12.1	12.3	12.8		11.3	10.7							
03S 40W 35AAC 01	TO	3445.	144	95	96.1	100.1	100.1	100.5	101.0	100.9	101.2	100.6							
03S 41W 16AAC 01	TO	3570.	174	136	136.2	136.9	138.2	135.7	135.7	134.0	134.3	132.3							
03S 41W 33ARR 01		3594.	184	164							173.5	164.7							
03S 42W 04AAA 01	TO	3727.	255	230					230.8	230.8	231.1	231.2							
04S 37W 14RAR 01	TO	3405.	305	177					199.6	200.2	200.9	200.5							
04S 37W 17AAC 01	TO	3446.	325	187	187.9	202.1	201.8		195.3	195.3	151.1	151.7							
04S 37W 25DCA 01	TO	3374.	284	147	141.5		153.3	148.8		150.3									
04S 38W 04RAC 01	TO	3509.	327	207	207.0		217.2	212.2	213.5	213.6	215.4	216.5							
04S 38W 20CCC 01	TO	3485.	297	151	149.5	152.3	152.9	153.6	154.6	155.2	155.6	155.9							
04S 38W 21ADC 01	TO	3491.	316	178	188.0	187.2	195.5	180.8	183.0	183.2	185.9	185.1							
04S 39W 02DBC 01	TO	3520.	308	192	196.4	198.6	200.3	199.6	202.8	200.8	200.8	202.3							
04S 39W 15CCA 01	TO	3492.	275	136	142.9	150.9	157.4	139.7	141.5	148.0	150.4	145.1							
04S 39W 18CAR 01	TO	3530.	269	153	156.7	163.1	156.7	156.6	157.5	157.0	156.9	156.4							
04S 39W 27CCA 01	TO	3502.	265	130	129.4	133.6		133.6	135.0	135.6	135.4	135.0							
04S 40W 22RCR 01	TO	3520.	215	123	123.9	125.5		124.7	124.8	125.1	125.2	126.7							
04S 41W 16DAA 01	QA	3403.	38	13	14.2	18.4	16.1	15.9	16.3	16.0	15.8	15.4							
04S 41W 25RCR 01	TO	3571.	211	141	139.6		142.3	141.4	141.6	141.9	142.1	142.4							
04S 41W 31ACA 01	TO	3552.	142	94	94.0	97.9	96.2	96.9	97.6	97.9	98.7	98.4							
04S 42W 26DRR 01	QA, TO	3487.	56	137	72.1	72.3	19.8	18.5		18.8	18.6	18.5							
05S 37W 15DBR 01	TO	3397.	297	137	136.4	148.1	153.3	151.1	152.7	151.1	152.1	151.1							
05S 38W 13RAD 01	TO	3390.	220	74	72.5	76.0	81.2	76.1	77.6	77.7	77.5	77.8							
05S 38W 22ACR 01	TO	3437.	270	90	90.6	93.2	95.9	94.5	98.4	96.9	97.6	95.6							

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

CHEYENNE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1950	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
05S 38W 26CCA 01	TO	3460.	285	112	111.7	117.9	122.0	116.7	118.6	118.4	117.7	117.4
05S 39W 06DAA 01											208.6	209.7
05S 39W 11CBC 01	TO	3530.	291	140	140.1	158.3	149.5	146.3	150.3	149.9	152.6	149.0
05S 39W 18CCC 01	TO	3630.	325	185				212.5	218.3	219.8	216.1	218.1
05S 39W 25CDA 01	TO	3533.	295	127	125.0	130.2	136.8	128.9	130.4	131.5	132.1	132.3
05S 40W 04CBD 01	TO	3653.	330	200	200.8	206.5	207.5	206.7	208.8		207.9	209.4
05S 40W 14BCD 01	TO	3645.	325	187		206.3	212.3	217.1	216.4			222.4
05S 40W 15ACR 01	TO	3650.	332	190	189.1	209.2	211.8	210.9	216.7	219.6	226.2	228.4
05S 40W 27RBA 01	TO	3658.	327	173		210.2	199.5	199.6	204.0	205.7	204.2	206.7
05S 41W 12ADC 01	TO	3679.	313	198	198.3	204.1	207.1	207.2	209.8	212.4	211.9	213.2
05S 41W 20DAA 01	TO	3742.	309	207	211.6	221.3	223.4	223.0	225.0	226.2	225.4	227.8
05S 42W 04AAR 01	QA, TO	3515.	85	15	16.1	21.2	18.1	17.9	18.8	18.2	17.9	18.0
05S 42W 14CBC 01	TO	3687.	215	145	147.5	154.9	165.6	154.3	156.0	153.6	153.6	155.8
05S 42W 36CCR 01	TO	3800.	305	200	203.6	208.1	209.2	209.6	211.5	213.0	212.8	

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

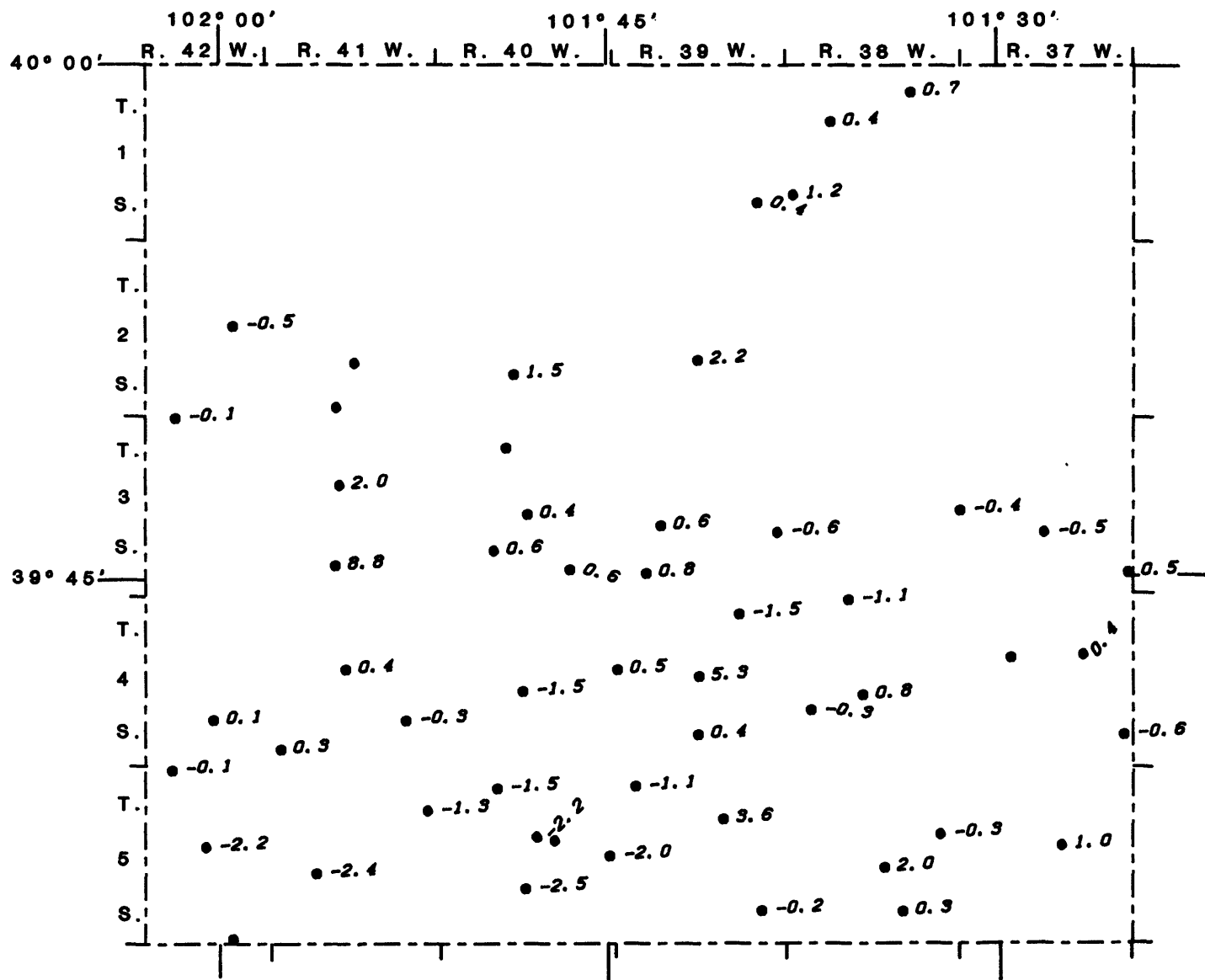
CHEYENNE COUNTY-CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
01S 38W 02CDC 01	QA	23.6	-1	-1.0	.7	-.1	-.1	18	17	-6
01S 38W 08DCC 01	QA	13.3	-1	-1.0	.4	-.1	-.1	21	20	-5
01S 38W 30RDC 01	QA	8.6	-2	-.6	1.2	-.1	-.1	21	19	-10
01S 39W 25CBC 01	QA	9.8	-3	-1.2	.4	-.1	-.1	19	16	-16
02S 39W 27HBR 01	QA	16.8	1	1.0	2.2	.1	.1	10	11	10
02S 40W 28DBA 01	TU	112.0		.6	1.5			28	28	
02S 41W 27RRD 01	TU									
02S 41W 33DBC 01	TU	237.7	-3	-2.5		-.1	-.2	53	50	-6
02S 42W 14DDO 01	TU	233.0	-1	-1.2	-.5		-.1	16	15	-6
03S 37W 19RBC 01	TU	229.2	-14	-9.3	-.4	-.4	-.6	110	96	-13
03S 37W 21DDO 01	TU	218.7	-25	-18.8	-.5	-.8	-.1.2	118	93	-21
03S 37W 36ADR 01	TU	200.9	-26	-.7	.5	-.8		125	99	-21
03S 39W 20DAC 01	TU	141.2	-11		.6	-.3		69	58	-16
03S 39W 24DDO 01	TU	220.6	-16		-.6	-.5		70	54	-23
03S 39W 32BDR 01	TU	153.4	-3	.2	.8	-.1		73	70	-4
03S 40W 09BAA 02	QA,TU									
03S 40W 22RCA 01	QA	5.8	1	1.0	.4		.1	11	12	9
03S 40W 28CBA 01	QA	10.7	-1	-2.0	.6	-.1	-.1	16	15	-6
03S 40W 35AAC 01	TU	100.6	-6	-4.4	.6	-.2	-.3	49	43	-12
03S 41W 16AAC 01	TU	132.3	4	3.9	2.0	.1	.2	38	42	11
03S 41W 33ARR 01	TU	164.7	-1		8.8			20	19	-5
03S 42W 04AAA 01	TU	231.2	-1		-.1			25	24	-4
04S 37W 14RAR 01	TU	200.5	-24		.4	-.8		128	105	-18
04S 37W 17AAC 01	TU	196.5	-10	-8.6		-.3	-.5	138	129	-7
04S 37W 25DCA 01	TU	151.7	-5	-10.2	-.6	-.2	-.6	137	132	-4
04S 38W 04RAC 01	TU	216.5	-10	-9.5	-1.1	-.3	-.6	120	111	-8
04S 38W 20CCC 01	TU	155.9	-5	-6.3	-.3	-.2	-.4	146	141	-3
04S 38W 21ADC 01	TU	185.1	-7	2.9	.8	-.2	-.2	138	131	-5
04S 39W 02DBC 01	TU	202.3	-10	-5.9	-1.5	-.3	-.4	116	106	-9
04S 39W 15CCA 01	TU	145.1	-9	-2.2	5.3	-.3	-.1	139	130	-6
04S 39W 18CAR 01	TU	156.4	-3	.3	.5	-.1	-.1	116	113	-3
04S 39W 27CCA 01	TU	135.0	-5	-5.5	.4	-.2	-.3	135	130	-4
04S 40W 22RCR 01	TU	126.7	-4	-2.8	-1.5	-.1	-.2	92	88	-4
04S 41W 16DAA 01	QA	15.4	-2	-1.2	.4	-.1	-.1	25	23	-8
04S 41W 25RCR 01	TU	142.4	-1	-2.8	-.3	-.2	-.2	70	69	-1
04S 41W 31ACA 01	TU	98.4	-4	-4.4	.3	-.1	-.3	48	44	-8
04S 42W 26RDR 01	QA,TU	18.5	-1	3.7	.1	.2	.2	38	38	
05S 37W 15DBR 01	TU	151.1	-14	-14.7	1.0	-.4	-.9	160	146	-9
05S 38W 13RAD 01	TU	77.8	-4	-5.2	-.3	-.1	-.3	146	142	-3
05S 38W 22ACR 01	TU	95.6	-6	-5.0	2.0	-.2	-.3	180	174	-3

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

CHEYENNE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
05S 38W 26CCA 01	T0	117.4	-5	-5.7	.3	-.2	-.4	173	168	-3
05S 39W 06DAA 01		209.7			-1.1					
05S 39W 11CBC 01	T0	149.0	-9	-8.9	3.6	-.3	-.6	151	142	-6
05S 39W 18CCC 01	T0	218.1	-33		-2.0	-1.0		140	107	-24
05S 39W 25CDA 01	T0	132.3	-5	-7.3	-.2	-.2	-.5	168	163	-3
05S 40W 04CBD 01	T0	209.4	-9	-8.6	-1.5	-.3	-.5	130	121	-7
05S 40W 14BCD 01	T0	222.4	-35			-1.1		138	103	-25
05S 40W 15ACB 01	T0	228.4	-38	-39.3	-2.2	-1.2	-2.5	142	104	-27
05S 40W 27BBA 01	T0	206.7	-34		-2.5	-1.1		154	120	-22
05S 41W 12ADC 01	T0	213.2	-15	-14.9	-1.3	-.5	-.9	115	100	-13
05S 41W 20DAA 01	T0	227.8	-21	-16.1	-2.4	-.7	-1.0	102	81	-21
05S 42W 04AAB 01	QA, T0	18.0	-3	-1.8	-.1	-.1	-.1	70	67	-4
05S 42W 14CBC 01	T0	155.8	-11	-8.3	-2.2	-.3	-.5	70	59	-16
05S 42W 36CCR 01	T0									



WATER-LEVEL CHANGE IN CHEYENNE COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

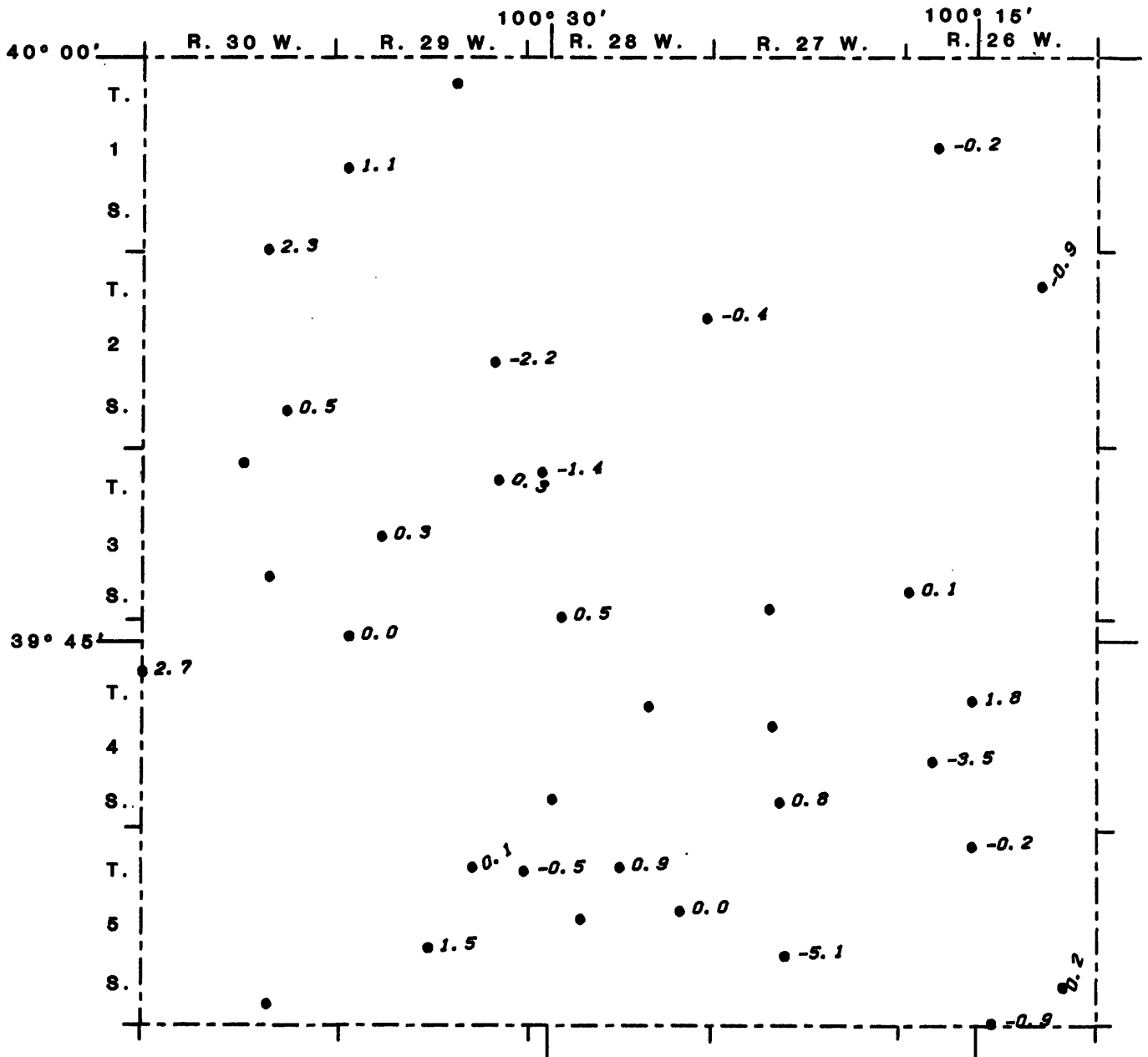
DECATUR COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO RED ROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1950 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)
01S 26W 18NDR 01	QA	2413.	59	28	26.4	30.2	22.0	21.5	31.5	31.7							
01S 29W 03NDR 01	QA	2539.	45	23	23.0	29.8	28.5	30.5	31.6								
01S 29W 19RDR 01	QA	2572.	53	10	10.9	20.8	15.3	22.4	22.7	23.0							
01S 30W 34NDR 01	QA	2610.	60	20	21.5	32.4	30.3	35.0	35.1	32.8							
02S 26W 11RRA 01	TO	2509.	110	85	87.3	86.2	87.6	85.9	85.2	86.1							
02S 28W 13ABA 01		2487.	58	27	26.2	27.4	27.5	30.7	29.9	30.3							
02S 29W 24RCC 01	TO	2682.	124	100	96.6	96.7	96.4	95.5	94.8	97.0							
02S 30W 26NCC 01	TO	2835.	226	125	138.4	139.1	137.1	137.1	137.2	136.7							
03S 26W 30CRR 02	TO	2610.	142	119	119.4	126.4	132.1	126.0	126.0	125.9							
03S 27W 32ABA 01	TO	2637.	120	74	74.8	74.7	76.6	73.6	73.5	73.0							
03S 28W 06NCR 01	QA	2571.	55	34	25.6	33.1	39.5	43.4	44.9	46.3							
03S 28W 32RCA 01	TO	2749.	180	133	133.6	134.7	134.7	132.6	141.1	142.2							
03S 29W 12RRA 01	QA	2556.	55	26	24.9	27.8	28.6	30.7	31.8	31.5							
03S 29W 17NCR 01	QA, TO	2587.	50	19	20.0	21.3	23.0	25.5	24.2	24.3							
03S 29W 31NCC 01	QA	2633.	38	20	20.3	24.0	22.5	24.8	26.9	26.9							
03S 30W 03CBA 01	TO	2807.	177	96	98.6	12.4	11.0	12.2	101.1	10.3							
03S 30W 26RRA 01	QA	2629.	49	7	10.2	31.2	28.7	29.0	31.9	30.1							
04S 26W 08NDR 01	QA	2455.	70	26	28.7	29.0	17.7	19.0	17.2	20.7							
04S 26W 19NCA 01	QA	2464.	37	14	14.0	15.7	104.4	105.3	105.2								
04S 27W 17DAC 01	TO	2648.	162	105	103.8	105.4	104.4	105.3	105.0								
04S 27W 33RBR 01	QA	2528.	54	13	16.0	18.2	16.6	18.8	19.5	18.7							
04S 28W 15AAA 01	TO	2700.	130	92	94.1	93.6	93.8	92.7	92.4								
04S 28W 30NDR 01	TO	2726.	110	92	92.7	91.3	91.7	91.3	91.2								
04S 30W 07RBR 01	QA	2697.	21	7	7.3	13.6	13.1	14.2	15.3	12.6							
05S 26W 05ADR 01	TO	2607.	170	128	128.9	128.3	134.1	127.6	127.6	127.8							
05S 26W 26NDA 01	QA	2437.	74	26	22.4	23.0	22.2	23.1	23.6	23.4							
05S 26W 33NCC 01	QA	2475.	60	20	18.2	18.3	17.6	18.5	18.9	19.8							
05S 27W 21CCA 01	TO	2675.	103	103	104.2	103.7	103.4	103.9	98.7	103.8							
05S 28W 07RBC 01	QA	2644.	52	19	19.9	15.6	16.4	19.2	20.0	20.5							
05S 28W 10RBR 01	QA	2600.	47	12	8.0	9.3	9.2	11.2	10.9	10.0							
05S 28W 14ADR 01	TO	2723.	160	133	135.0	135.1	134.6	134.5	134.5	134.5							
05S 28W 17DAC 01	TO	2734.	124	102	102.3	102.6	101.4	101.4	101.7								
05S 29W 11RRA 01	QA	2670.	47	10	12.3	13.0	12.6	13.1	13.1	13.0							
05S 29W 22CRR 01	QA	2686.	46	11	12.6	14.3	14.8	13.3	14.5	14.3							
05S 30W 35RCH 01	TO	2891.	200	112	111.6	117.0	116.1	116.8	117.6	131.3							

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

DFCATUR COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1981-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
01S 26W 18DDR 01	QA	31.7	-4	-5.2	-0.2	-0.3	31	27	-13
01S 29W 03DDR 01	QA								
01S 29W 19RDD 01	QA	23.0	-13	-12.0	1.1	-0.8	43	30	-30
01S 30W 34DDO 01	QA	32.8	-13	-11.3	2.3	-0.7	40	27	-33
02S 26W 11RBA 01	TO	86.1	-1	1.3	-0.9	.1	25	24	-4
02S 28W 13ABA 01		30.3	-3	-4.1	-0.4	-0.3	31	28	-10
02S 29W 24RCC 01	TO	97.0	3	-0.4	-2.2	.1	24	27	13
02S 30W 26DCC 01	TO	136.7	-12	.5	-0.4		101	89	-12
03S 26W 30CBR 02	TO	125.9	-7	-6.5	.1	-0.4	23	16	-30
03S 27W 32ABA 01	TO	73.0	1	1.8		.1	46	47	2
03S 28W 06DCR 01	QA	46.3	-12	-20.7	-1.4	-1.3	21	9	-57
03S 28W 32BCA 01	TO	142.2	-9	-8.5	.5	-0.5	47	38	-19
03S 29W 12RBA 01	QA	31.5	-6	-6.6	.3	-0.4	29	24	-17
03S 29W 17DCR 01	QA, TO	24.3	-5	-4.3	.3	-0.3	31	26	-16
03S 29W 31DCC 01	QA	26.9	-7	-6.6	.0	-0.4	18	11	-39
03S 30W 03CBA 01	TO								
03S 30W 26BBR 01	QA	10.3	-3	-1.1		-0.1	42	39	-7
04S 26W 08DDO 01	QA	30.1	-4	-1.4	1.8	-0.1	44	40	-9
04S 26W 19DCA 01	QA	20.7	-7	-6.6	-3.5	-0.4	23	16	-30
04S 27W 17DAC 01	TO								
04S 27W 33RBB 01	QA	18.7	-6	-2.6	.8	-0.2	41	35	-15
04S 28W 15AAA 01	TO								
04S 28W 30DDO 01	TO								
04S 30W 07RBR 01	QA	12.6	-6	-5.2	2.7	-0.3	14	8	-43
05S 26W 05ADD 01	TO	127.8		1.1	-0.2	.1	42	42	
05S 26W 26DDA 01	QA	23.4	3	-1.0	.2	-0.1	48	51	6
05S 26W 33DCC 01	QA	19.8		-1.6	-0.9	-0.1	40	40	
05S 27W 21CCA 01	TO	103.8	-1	.4	-5.1				
05S 28W 07RBC 01	QA	20.5	-2	-0.6	-0.5	-0.1	33	32	-3
05S 28W 10RBB 01	QA	10.0	2	-2.0	.9	-0.1	35	37	6
05S 28W 14ADD 01	TO	134.5	-2	.6	.0	-0.1	27	26	-4
05S 28W 17DAC 01	TO								
05S 29W 11RAA 01	QA	13.0	-3	-0.6	.1		32	29	-9
05S 29W 22CBR 01	QA	14.3	-3	-1.7	1.5	-0.1	35	32	-9
05S 30W 35RCR 01	TO	131.3	-19	-19.7		-1.2	88	69	-22



WATER-LEVEL CHANGE IN DECATUR COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

EDWARDS COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO RED ROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1944 (FEET)	1974 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)
24S 16W 12CBC 01	QII	2055.		5	9.2				17.4	17.8	19.9	20.8					
24S 16W 15DAC 01	QII	2064.		6	4.8				14.0	13.9	15.6	16.8					
24S 17W 12ACA 01	QII	2092.		15	17.7			20.3	21.6	22.0	22.6	23.4					
24S 17W 20ADC 01	QII	2126.		3	15.8				23.9	24.1	24.8	25.7					
24S 17W 24DDN 01	QII	2100.		15	13.3	17.8	19.6	21.3	22.5	23.0	24.0	24.9					
24S 18W 17ABD 01	QII	2147.		27	18.8					27.8	28.1	27.7					
24S 18W 28DAC 01	QII	2158.		25	16.6				27.6	28.4	29.2	33.1					
24S 18W 36DDC 01	QII	2149.		28	24.2	26.5	28.7	30.4	31.9	32.7	33.7	34.9					
24S 19W 34ADD 01	QA	2160.		8	7.0	9.9	9.8		9.7	10.0	9.2	9.2					
25S 16W 02RBR 01	QII	2069.		6	6.6				19.5	17.8	19.7	21.1					
25S 16W 27AAC 01	QII	2063.		3	6.1				14.2	13.6	14.4	14.8					
25S 16W 31DCC 01	TO											17.1					
25S 17W 01DAB 01	QII	2102.	82	12	8.8				20.5	20.0	21.4	22.2					
25S 17W 03RAC 01	QII	2120.	146	15	14.5				24.0	24.0	25.0	25.4					
25S 17W 13BCD 01	QII	2107.		12	10.6				22.0	20.9	22.2	22.9					
25S 17W 17AAC 01	QII	2129.	74	14	14.4				24.0	23.8	25.2	25.7					
25S 17W 31RRD 01	QII	2148.		22	11.1				18.9	18.9	20.9	21.4					
25S 18W 07ABD 01	QII	2185.		30	25.8				31.1	32.0	32.5	33.2					
25S 18W 09AAA 01	QII	2161.	131	21	15.6	18.8	20.6	21.9	23.0	23.9	24.7	26.0					
25S 18W 13RDR 01	QII	2156.		27	22.1				29.6	30.2	31.1	32.0					
25S 18W 33CDC 01	QII	2182.		29	23.2	22.2	23.5	24.1	24.9	25.5	26.4	27.1					
25S 19W 26DDR 01	QII	2206.		31	30.1				33.0	33.7	35.1	35.0					
25S 19W 31CAR 01	QII	2220.		17	15.2				17.9	18.0	18.8	18.5					
26S 16W 10CCC 01	QII	2065.			3.8					9.3	8.3	8.5					
26S 16W 31CCA 01	QII	2110.		25	19.6				28.6	30.2	30.1	30.1					
26S 16W 34ABC 01	QII	2079.		25	6.8				19.6	17.5	19.4	20.3					
26S 17W 04AAC 01	QII	2146.		44				40.3	23.4	23.9	24.2	24.5					
26S 17W 14RAA 01	QII	2109.		16	20.7				20.8	22.7	22.2	22.2					
26S 17W 18RRD 01	QII	2151.		28	18.5				23.5	23.9	24.6	25.5					
26S 17W 33DDR 01	QII	2127.		22	12.4				19.8	19.6	20.7	21.7					
26S 18W 15DCR 01	QII	2174.		33	22.0				24.7	25.8	26.0	27.0					
26S 18W 31CCC 01	QII	2215.		47	33.6				38.5	39.0	40.5	42.2					
26S 18W 35ACC 01	QII	2162.		27	16.7				23.2	24.1	24.8	24.8					
26S 19W 12ABR 02	QII	2210.		38					42.7	44.7	38.3	46.4					
26S 19W 16RCR 01	QII	2231.		35	29.4				32.0	33.2	33.9	34.6					
26S 19W 23ARA 01	QII	2216.		39	30.5				32.7	33.4	34.9	35.2					
26S 19W 34RRD 01	QII	2232.		36	30.8				33.4	33.5	33.8	35.1					

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

EDWARDS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
24S 16W 12CBC 01	QU	20.8	-16	-11.6	-9	-4	-1.5			
24S 16W 15DAC 01	QU	16.8	-11	-12.0	-1.2	-3	-1.5			
24S 17W 12ACA 01	QU	23.4	-8	-5.7	-8	-2	-7			
24S 17W 20ADC 01	QU	25.7	-23	-9.9	-9	-6	-1.2			
24S 17W 24DDO 01	QU	24.9	-10	-11.6	-9	-3	-1.5			
24S 18W 17ABD 01	QU	27.7	-1	-8.9	.4		-1.1			
24S 18W 28DAC 01	QU	33.1	-8	-16.5	-3.9	-2	-2.1			
24S 18W 36DDC 01	QU	34.9	-7	-10.7	-1.2	-2	-1.3			
24S 19W 34ADD 01	QA	9.2	-1	-2.1	.8		-3			
25S 16W 02RBR 01	QU	21.1	-15	-14.4	-1.4	-4	-1.8			
25S 16W 27AAC 01	QU	14.8	-12	-8.7	-4	-3	-1.1			
25S 16W 31DCR 01	TO	17.1								
25S 17W 01DAR 01	QU	22.2	-10	-13.4	-8	-3	-1.7			
25S 17W 03RAC 01	QU	25.4	-10	-10.9	-4	-3	-1.4	67	57	-15
25S 17W 13RCD 01	QU	22.9	-11	-12.3	-7	-3	-1.5	134	123	-8
25S 17W 17AAC 01	QU	25.7	-12	-11.3	-5	-3	-1.4	60	48	-20
25S 17W 31RBD 01	QU	21.4	1	-10.3	-5		-1.3			
25S 18W 07ARD 01	QU	33.2	-3	-7.4	-7	-1	-9			
25S 18W 09AAA 01	QU	26.0	-5	-10.4	-1.3	-1	-1.3	110	105	-5
25S 18W 13RDR 01	QU	32.0	-5	-9.9	-9	-1	-1.2			
25S 18W 33CDC 01	QU	27.1	2	-3.9	-7	.1	-5			
25S 19W 26DDR 01	QU	35.0	-4	-4.9	.1	-1	-6			
25S 19W 31CAR 01	QU	18.5	-2	-3.3	.3	-1	-4			
26S 16W 10CCC 01	QU	8.5		-4.7	-2		-6			
26S 16W 31CCA 01	QU	30.1	-5	-10.5	.1	-1	-1.3			
26S 16W 34ABC 01	QU	20.3	5	-13.5	-9	.1	-1.7			
26S 17W 04AAC 01	QU	24.5	20		-3	.5				
26S 17W 14BAA 01	QU	22.2	-6	-1.5	.5	-2	-2			
26S 17W 18RBD 01	QU	25.5	3	-7.0	-9	.1	-9			
26S 17W 33DDR 01	QU	21.7		-0.3	-1.0		-1.2			
26S 18W 15DCR 01	QU	27.0	6	-5.0	-1.0	.2	-6			
26S 18W 31CCC 01	QU	42.2	5	-8.6	-1.7	.1	-1.1			
26S 18W 35ACC 01	QU	24.8	2	-8.1	-7	.1	-1.0			
26S 19W 12ABR 02	QU	46.4	-8		-8.1	-2				
26S 19W 16RCR 01	QU	34.6		-5.2	-7		-7			
26S 19W 23ABA 01	QU	35.2	4	-4.7	-3	.1	-6			
26S 19W 34RBD 01	QU	35.1	1	-4.3	-1.3		-5			



TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FINNEY COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
21S 29W 36CCR 01	QA	2611.	23	17	17.7	20.1	21.4	22.7	22.5	22.4	22.1	
21S 30W 05BBA 01	QU, TO	2863.	78	35	28.6	37.0	37.7	38.3	39.9	40.3	39.4	39.2
21S 31W 08ABR 01	QU, TO	2903.	73	55	48.5	45.6	47.4	47.2		47.2	47.6	
21S 32W 08ABD 01	QU	2910.	150	36	41.3	70.0	81.8	80.9	86.0	88.8		92.7
21S 32W 20CRD 01	QU, TO	2898.	200	31	45.1	70.9	73.1	77.5	83.5	88.0	91.4	99.7
21S 32W 26DAA 01	QU, TO	2946.	171	96	98.8	99.6	105.3		108.7	104.6		104.6
21S 33W 02ACR 01	QU, TO	2910.	161	27	39.2	64.5	68.8	68.2	72.5	78.5		82.1
21S 33W 07DDAA 01	QU	2918.	95	33	48.3	61.4	66.6	68.2	69.2	70.1	72.0	73.4
21S 33W 31CRB 02	QU, TO	2908.	100	30	32.3		76.3	79.1	84.3	87.1		
21S 34W 14DBR 01	KN	2947.			69.0	92.8	104.9	97.1	100.0	102.8		106.9
21S 34W 16ADA 02	QU, TO	2981.	120	80	95.3	107.0	97.7	94.2	93.3	93.0	92.8	92.8
22S 27W 14ADC 01	KJ	2458.				173.5	176.9	176.7	187.4	184.6	186.4	181.3
22S 31W 12DDC 02	QU, TO	2896.	135	83	85.3	91.8	89.5	92.1	95.8	93.9	96.6	94.9
22S 31W 16ADD 01	QU, TO	2904.	181	84	85.5	94.9	98.3	97.8	101.2	107.6	103.0	103.0
22S 31W 35ABR 01	QU, TO	2877.	149	72	80.4	95.0	93.5	94.9	96.7	97.5	102.5	99.2
22S 32W 08ACR 01	QU, TO	2884.	224	33	40.0	59.4	65.9	67.7		73.4	76.4	79.6
22S 32W 21FDC 01	QU, TO	2903.	198	58	66.4	89.7	99.6	99.8	105.3	108.3	114.2	116.6
22S 33W 03BRAD 01	QU, TO	2903.		33	33.0	69.6	79.3	80.4	88.0	92.4	94.2	95.2
22S 33W 17ACA 01	KN	2900.				66.5	73.4	78.0	84.9	88.7		
22S 33W 17DCD 02	QU, TO	2902.	141	33	42.3	90.2	100.1	103.9	111.2	116.8	120.5	125.7
22S 33W 22RAA 01	QU, TO	2900.	190	40	47.1	80.8	79.9	76.7	88.9	91.6		89.4
22S 33W 32FBC 01	QU, TO	2923.	263	53	82.5	120.7	143.4	147.5	163.0		165.3	166.0
22S 33W 36AAA 02	QU, TO	2860.	200	14	21.5	45.1		57.5	66.3	67.8		70.0
22S 34W 08PCR 01	KN	2987.		43	108.9	95.5	147.4	130.1	140.2	131.2	131.8	132.2
22S 34W 10AAA 01	QU, TO	2933.	153		59.2		103.0	104.8	108.4	109.3	109.8	107.7
22S 34W 26ADD 01	QU, TO	2928.	203	43	71.6	109.6	126.8	131.5			146.7	
22S 34W 32PCR 01	QU, TO	2983.	235	68	94.1	134.4	147.7	154.6		169.5	175.2	178.1
23S 27W 12FCC 01	QU, TO	2618.	77	59	62.5	61.9	61.8	63.3	62.2	62.0	61.1	60.8
23S 27W 22DAR 01	QU, TO	2654.		82		84.0	84.4	82.6	84.9	83.6	89.0	80.9
23S 28W 22DCD 01	QU, TO	2729.		74		74.9	83.6			74.7	74.7	74.1
23S 28W 34DDC 01	QU, TO	2738.		76		76.6	88.8	89.5	90.3	90.8	91.7	91.8
23S 29W 30BBA 01	QU, TO	2794.		75		76.0	76.8	76.8	77.3	77.7		77.8
23S 29W 34DCD 01	TN	2772.	147	84	84.0	83.4	87.2	94.8	86.0	87.3	89.3	98.9
23S 30W 04CAC 01	QU, TO	2846.		65		72.2	75.1	65.3	73.0		66.8	66.4
23S 30W 19CCA 01	QU, TO	2862.	142	89	82.2	82.5	83.2	83.5	84.4		85.0	85.3
23S 31W 03DCD 01	QU, TO	2877.	167	72	83.0	95.1	98.6	98.0	98.2	101.9		101.7
23S 31W 35CCC 01	QU, TO	2875.	200	95	96.7	103.6	107.5		109.5	110.0	110.6	111.2
23S 32W 11ADC 01	QU, TO	2942.	242	117	172.7	132.5	137.1	142.8	139.7		142.2	143.7
23S 32W 18PCD 01	QU, TO	2878.	290	35	46.1	69.7	104.1	64.0	85.0		113.1	114.0
23S 32W 19FBA 01	QU, TO	2876.	310	36	44.7	71.8	110.9	94.1	109.6	108.6	111.5	108.7

FINNEY COUNTY--CONTINUED

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TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FINNEY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
24S 33W 31RCR 01	TO	2930.		51							92.9	97.5
24S 33W 31CDA 01	TO	2913.		38							81.1	88.6
24S 33W 32ADA 01	TO	2928.		47							113.4	116.6
24S 33W 34CAC 01	QU, TO	2910.	435	60	100.1		101.4	104.1	110.8	114.7	116.8	119.0
24S 34W 01RCRB01	QU, TO	2894.	316	12	24.7		48.1		74.7	79.5	81.6	83.4
24S 34W 05AAR 01	QU, TO	2865.	365	55	57.7		87.5		104.7		105.7	109.6
24S 34W 25ACR 01		2940.		58					107.6		107.6	113.2
24S 34W 25DCR 01		2930.		45					87.9			103.6
25S 31W 11CBC 01	QA, QU	2770.	180	21		21.1	21.9	23.1	27.3	25.9	23.9	28.2
25S 31W 19C8D 01	QA	2850.	295	71	65.1	71.6	73.1		79.8	81.9	83.9	85.9
25S 31W 21CAR 01	QU	2788.	228	27	20.4	24.5	26.7	29.5		33.5	34.9	36.6
25S 31W 35DBA 01	QU	2801.	256	52	49.9	55.5	59.9	62.3	62.2		67.7	70.3
25S 32W 22DBC 01	QU, TO	2865.	373	65	62.0	72.3	75.9	77.9	81.2			89.8
25S 32W 31DD 01	QU, TO	2880.	505	64	61.8	80.8	83.5	86.1	89.6	91.8	94.5	97.2
25S 32W 35ADR 01	QU, TO	2857.	417	67	68.0	78.3	77.7	80.1	84.1	86.6	89.4	91.8
25S 33W 03RCC 01		2902.		47						52.3	51.6	53.3
25S 33W 05ARD 01	QU, TO	2920.	510	52		84.5	87.8	91.0	96.8	100.4	104.2	107.8
25S 33W 06RCR 01	TO	2930.		52							96.4	100.1
25S 33W 07DBC 01	TO	2930.		58							93.8	97.1
25S 33W 09ABD 01	QU, TO	2909.	514	50		86.5	91.3	93.7	99.7	101.2	105.1	107.8
25S 33W 15DAC 01	QU, TO	2915.	535	71		106.8	109.6	113.9	119.3	121.5	125.1	127.5
25S 33W 16DCR 01		2920.		62					88.4	88.4	88.5	89.0
25S 33W 17DBD 01	QU, TO	2940.	530	78		105.9	107.3	106.8	116.3	119.2	123.2	124.3
25S 33W 21CAC 01	QU, TO	2935.	535	80	79.0	95.3	98.3	100.6	103.3	104.5	107.0	110.9
25S 33W 35DBD 01	QU, TO	2894.	474	63		81.1	83.0	86.9	90.2	93.1	96.5	98.6
25S 34W 06AAA 01	QU, TO	2972.	397	52			77.8	81.5	89.1	92.3	96.1	99.9
25S 34W 10ARR 01	QU, TO	2962.	412	62			74.8	68.2	81.0	83.6	84.8	86.9
25S 34W 18ACA 01	QU	2970.		55	62.0					96.5		102.8
25S 34W 25RDR 01		2952.	520	82							113.3	116.8
25S 34W 34DBD 01	QU, TO	2945.	440	65	70.0	81.0	83.3	88.5	90.3	94.9	99.2	103.9
26S 31W 01DDA 01	QU, TO	2811.	301	75	74.0	82.0	84.1	87.1	85.8	92.0	94.1	96.1
26S 31W 06RRRB01	QU, TO	2832.	327	55	55.6	65.6	67.5	69.8	72.5	75.3	78.5	80.8
26S 31W 31CDC 01	QU, TO	2841.	496	83	86.1	104.4	107.7	112.8	118.5	121.0	126.4	126.9
26S 31W 36CAR 01	QU, TO	2817.	332	82	80.3	94.5	98.2	102.8	106.7	110.0	113.3	116.6
26S 32W 22ARR 01	QU, TO	2890.	564	113	115.6	133.8	140.6	130.4	134.2	137.4	140.1	141.6
26S 32W 35CDA 01	QU, TO	2864.	524	92	92.4	108.9	111.2	113.9	117.4	120.1	123.0	125.1
26S 33W 03DBR 01	QU, TO	2886.	426	56	56.8	68.9	73.9	75.2	77.9	83.1	86.2	88.7
26S 33W 12CAD 01	QU, TO	2886.	471	69	71.1	82.3	84.5	88.3	90.7	94.2	97.7	99.6
26S 33W 17DBD 01		2900.									95.3	98.7
26S 33W 26ARR 01	QU, TO	2929.	554	113	118.3	136.5	135.6	137.0	141.1	143.7	150.8	150.5

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FTNNEY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO REDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
26S 33W 28ADC 01		2930.		102							129.4	132.2
26S 34W 05ADC 01		2960.		72							101.0	105.5
26S 34W 08AAC 01		2963.		78							112.0	116.7
26S 34W 21RRD 01		2955.		77							112.3	117.3
26S 34W 25AAC 01		2950.		102								136.3
26S 34W 30RD 01	QU	3005.	455	115	132.6	140.4	141.2		149.4		157.3	161.8

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FINNEY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
21S 29W 36CCR 01	QA									
21S 30W 05RBR 01	QU, TO	39.2	-4	-10.6	.2	-.1	-.7	43	39	-9
21S 31W 08ABR 01	QU, TO									
21S 32W 08ABD 01	QU	92.7	-57	-51.4		-1.4	-3.2	114	57	-50
21S 32W 20CBD 01	QU, TO	89.7	-59	-44.6	1.7	-1.4	-2.8	169	110	-35
21S 32W 26DAA 01	QU, TO	104.6	-9	-5.7		-.2	-.4	75	66	-12
21S 33W 02ACR 01	QU, TO	82.1	-55	-42.8		-1.3	-2.7	134	79	-41
21S 33W 07DDA 01	QU	73.4	-40	-25.1	-1.4	-1.0	-1.6	62	22	-65
21S 33W 31CBR 02	QU, TO									
21S 34W 14DBR 01	KW	106.9		-37.9			-2.4			
21S 34W 16AADA 02	QU, TO	92.8	-13	2.6	.0	-.3	.2	40	27	-33
22S 27W 14ADC 01	KJ	181.3			5.1					
22S 31W 12CDC 02	QU, TO		-12	-9.6	1.7	-.3	-.6	52	40	-23
22S 31W 16ADD 01	QU, TO	103.0	-19	-17.5	4.6	-.5	-1.1	97	78	-20
22S 31W 35ABR 01	QU, TO	99.2	-27	-18.8	3.3	-.6	-1.2	77	50	-35
22S 32W 08ACR 01	QU, TO	79.6	-47	-39.6	-3.2	-1.1	-2.5	191	144	-25
22S 32W 21CDC 01	QU, TO	116.6	-59	-50.1	-2.4	-1.4	-3.1	140	81	-42
22S 33W 03DBAD 01	QU, TO	95.2	-62	-62.2	-1.0	-1.5	-3.9	165	103	-38
22S 33W 17ACA 01	KW									
22S 33W 17DCD 02	QU, TO	125.7	-93	-83.4	-5.2	-2.2	-5.2	108	15	-86
22S 33W 22RAA 01	QU, TO	89.4	-49	-42.2		-1.2	-2.6	150	101	-33
22S 33W 32CBC 01	QU, TO	166.0	-113	-83.5	-.7	-2.7	-5.2	210	97	-54
22S 33W 36AAA 02	QU, TO	70.0	-56	-48.4		-1.3	-3.0	186	130	-30
22S 34W 08RCR 01	KW	132.2		-23.3	-.4		-1.5			
22S 34W 10AAA 01	QU, TO	107.7	-65	-48.5	2.1	-1.5	-3.0	110	45	-59
22S 34W 26ADD 01	QU, TO									
22S 34W 32RCR 01	QU, TO	178.1	-110	-84.0	-2.9	-2.6	-5.3	167	57	-66
23S 27W 12CCC 01	QU, TO	60.8	-2	1.7	.3		.1	13	11	-15
23S 27W 22DAR 01	QU, TO	80.9	1		8.1					
23S 28W 22DCD 01	QU, TO	74.1			.6					
23S 28W 34DDC 01	QU, TO	91.8	-16		-.1	-.4				
23S 29W 30RBR 01	QU, TO	77.8	-3		-.1	-.1				
23S 29W 34CDN 01	TO	88.9	-5	-4.9	.4	-.1	-.3	63	58	-8
23S 30W 04CAC 01	QU, TO	66.4	-1		.4					
23S 30W 19CCR 01	QU, TO	85.3	4	-3.1	-.3	.1	-.2	53	57	8
23S 31W 03DCD 01	QU, TO	101.7	-30	-18.7		-.7	-1.2	95	65	-32
23S 31W 35CCC 01	QU, TO	111.2	-16	-14.4	-.6	-.4	-.9	105	89	-15
23S 32W 11ADC 01	QU, TO	143.7	-27	-21.0	-1.5	-.6	-1.3	125	98	-22
23S 32W 18RCD 01	QU, TO	114.0	-79	-67.9	-.9	-1.9	-4.2	255	176	-31
23S 32W 19CBR 01	QU, TO	108.7	-73	-64.0	2.8	-1.7	-4.0	274	201	-27

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FINNEY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
23S 32W 22DAR 01	QU, TO	145.2	-45	-36.1	-8	-1.1	-2.3	173	128	-26
23S 32W 31CBN 01	QU, TO	99.3	-58	-49.9	2.3	-1.4	-1.1	283	225	-20
23S 33W 10DCC 01	QU, TO	122.1	-97	-84.5	3.8	-2.3	-5.3	280	183	-35
23S 33W 17BRP 01	QU, TO	143.9	-118	-83.6	3.8	-2.8	-5.2	314	196	-38
23S 33W 26ABR 01	QU, TO	117.3	-75	-66.9		-1.8	-4.2	285	210	-26
23S 33W 28CDC 01	QU, TO									
23S 33W 32ABR 01	QU, TO	132.0	-83	-66.7		-2.0	-4.2	301	218	-26
23S 34W 01DDC 01	QU, TO	166.7	-121	-85.0	7.4	-2.9	-5.3	288	167	-42
23S 34W 03ACR 01	QU, TO	166.3	-116	-90.3		-2.9	-5.6	253	137	-46
23S 34W 09DBR 01	QU, TO	152.2	-112	-87.8	-3.6	-2.7	-5.5	293	181	-38
23S 34W 14RDC 01	QU, TO	155.1	-116	-92.0	-4.2	-2.8	-5.8	291	175	-40
23S 34W 17CCC 01	QU, TO	153.3	-107	-83.2	-9	-2.5	-5.2	303	196	-35
23S 34W 21DDC 01	QU, TO	147.8	-107	-76.2	-3	-2.5	-4.8	315	208	-34
23S 34W 26CCC 01	QU, TO	142.1	-88	-68.8		-2.1	-4.3	290	202	-30
23S 34W 28CDA 01	QU, TO	142.3	-96	-71.4	-3.6	-2.3	-4.5	318	222	-30
24S 31W 11DBA 01	QU, TO	134.2	-20	-18.9	-4.7	-5	-1.2	127	107	-16
24S 31W 27CCB 01	QU, TO	132.2	-18	-12.6	-3.2	-4	-1.8	181	163	-10
24S 31W 31RCD 01	OA	18.6	-9	-9.5	-6	-2	-6	224	215	-4
24S 32W 03DAC 01	QU, TO	104.9	-35	-24.0	-1.3	-1.5	-1.5	229	194	-15
24S 32W 05RCR 01	QU, TO	91.0	-46	-41.7	-2	-1.1	-2.6	268	222	-17
24S 32W 25CBR 02		21.4	-12	-14.6	-9	-3	-9	221	209	-5
24S 32W 29AC 01	OA	59.5	-25	-30.6	-2.5	-6	-1.9	260	236	-9
24S 32W 35DD 01	QU, TO	44.2	-23	-16.9	-3.1	-5	-1.1	235	212	-10
24S 33W 09CCD 01	QU	68.0	-57		-1.6	-1.4		344	287	-17
24S 33W 09CCD 02		37.2			-8					
24S 33W 09CCD 03		65.2			-5					
24S 33W 14RCR 01	QU, TO	41.1	-23		-2.3	-5		326	303	-7
24S 33W 17DCA 01	TO	88.4	-71		-1.9	-1.7				
24S 33W 18RDR 01		55.7	-48		-5.0	-1.1				
24S 33W 18RDR 02		54.2			-2.3					
24S 33W 19DBR 01	TO	104.0	-47		-4.2	-1.1				
24S 33W 19DBR 02		114.6			-12.8					
24S 33W 21RDC 01	QU, TO	96.3	-36		-4.4	-9		355	319	-10
24S 33W 22RCC 01		82.2	-44		-2.0	-1.0		334	291	-13
24S 33W 22DCA 01	QU, TO	114.3	-43			-1.0		352	286	-19
24S 33W 28DAA 01	QU, TO	99.7	-66		-5.6	-1.6				
24S 33W 29DAA 01	TO	117.4	-57		-3.2	-1.4				
24S 33W 30CBR 01	TO	102.3	-48		-5.1	-1.1				
24S 33W 31ABD 01	TO	97.5	-47		-3.0	-1.1				
24S 33W 31ABD 02		72.9	-72		-1.9	-5				

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FINNEY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
24S 33W 31RCR 01	TO	97.5	-47	-51.9	-4.6	-1.1	-3.2	310	255	-18
24S 33W 31CDA 01	TO	88.6	-51	-55	-7.5	-1.2				
24S 33W 32ADA 01	TO	116.6	-70	-59	-3.2	-1.7				
24S 33W 34CAC 01	QU,TO	119.0	-59	-58.7	-2.2	-1.4	-3.7	375	316	-16
24S 34W 01RCRB01	QU,TO	83.4	-71		-1.8	-1.7		304	233	-23
24S 34W 05AAR 01	QU,TO	109.6	-55	-51.9	-3.9	-1.3				
24S 34W 25ACB 01		113.2	-55		-5.6	-1.3				
24S 34W 25DCR 01		103.6	-59			-1.4				
25S 31W 11CBC 01	QA,QU	28.2	-7	-20.7	-4.3	-2	-1.3	159	152	-4
25S 31W 19CBD 01	QA	85.9	-15		-2.0	-4		224	209	-7
25S 31W 21CAB 01	QU	36.6	-10	-16.1	-1.7	-2	-1.0	201	191	-5
25S 31W 35DBA 01	QU	70.3	-18	-20.3	-2.6	-4	-1.3	204	186	-9
25S 32W 22DBC 01	QU,TO	89.8	-25	-27.8		-6	-1.7	308	283	-8
25S 32W 31DD 01	QU,TO	97.2	-33	-35.3	-2.7	-8	-2.2	441	408	-7
25S 32W 35ADR 01	QU,TO	91.8	-25	-23.8	-2.4	-6	-1.5	350	325	-7
25S 33W 03RCC 01		53.3	-6		-1.7	-1				
25S 33W 05ABD 01	QU,TO	107.8	-56	-20.3	-3.6	-1.3		458	402	-12
25S 33W 06RCR 01	TO	100.1	-48		-3.7	-1.1				
25S 33W 07DBC 01	TO	97.1	-39		-3.3	-9				
25S 33W 09ABD 01	QU,TO	107.8	-58		-2.7	-1.4		464	406	-13
25S 33W 15DAC 01	QU,TO	127.5	-57		-2.4	-1.4		464	408	-12
25S 33W 16DCC 01		89.0	-27		-5	-6				
25S 33W 17DBD 01	QU,TO	124.3	-46		-1.1	-1.1	-2.0	452	406	-10
25S 33W 21CAC 01	QU,TO	110.9	-31	-31.9	-3.9	-7		455	424	-7
25S 33W 35DBD 01	QU,TO	98.6	-36		-2.1	-9		411	375	-9
25S 34W 06AAA 01	QU,TO	99.9	-48		-3.8	-1.1		345	297	-14
25S 34W 10ABR 01	QU,TO	86.9	-25		-2.1	-6		350	325	-7
25S 34W 18ACA 01	QU	102.8	-48	-40.7		-1.1	-2.5			
25S 34W 25BDR 01		116.8	-35		-3.5	-8		438	403	-8
25S 34W 34DBD 01	QU,TO	103.9	-39	-33.9	-4.7	-9	-2.1	375	336	-10
26S 31W 01DDA 01	QU,TO	96.1	-21	-22.0	-2.0	-5	-1.4	226	205	-9
26S 31W 06RRB01	QU,TO	80.8	-26	-25.2	-2.3	-6	-1.6	272	246	-10
26S 31W 31CDC 01	QU,TO	126.9	-44	-40.7	-5	-1.0	-2.5	413	369	-11
26S 31W 36CAR 01	QU,TO	116.6	-35	-36.3	-3.3	-8	-2.3	250	215	-14
26S 32W 22ARR 01	QU,TO	141.6	-29	-26.0	-1.5	-7	-1.6	451	422	-6
26S 32W 35CDA 01	QU,TO	125.1	-33	-32.6	-2.1	-8	-2.0	432	399	-8
26S 33W 03DBR 01	QU,TO	88.7	-33	-31.8	-2.5	-8	-2.0	370	337	-9
26S 33W 12CAD 01	QU,TO	99.6	-31	-28.5	-1.9	-7	-1.8	402	371	-8
26S 33W 17DBD 01		98.7	-38		-3.4	-9				
26S 33W 26ABR 01	QU,TO	150.5	-38	-32.2	.3	-9	-2.0	441	404	-8

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FINNEY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
26S 33W 28ADC 01		132.2	-30		-2.8	-7				
26S 34W 05ADC 01		105.5	-34		-4.5	-8				
26S 34W 08AAC 01		116.7	-39		-4.7	-9				
26S 34W 21RRD 01		117.3	-40		-5.0	-1.0				
26S 34W 25AAC 01		136.3	-34			-8				
26S 34W 30RD 01	Q11	161.8	-47	-29.2	-4.5	-1.1	-1.8	340	293	-14

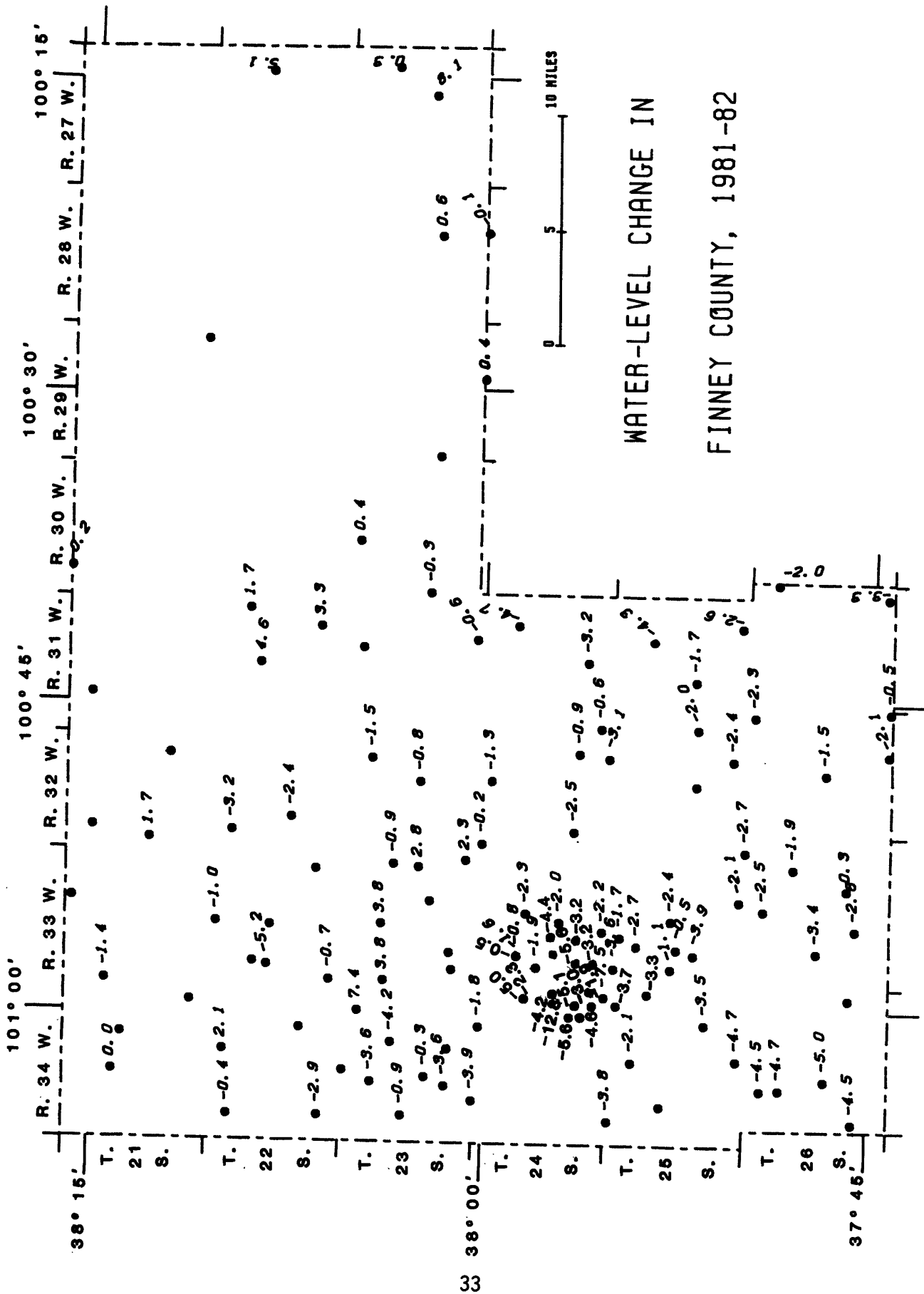


TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FORD COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1940 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)
25S 22W 20AAA 01	T0	2437.		65	62.6	62.3	62.1	61.9	62.9	61.5	61.2	61.0					
25S 22W 27CCD 01		2432.				133.1	136.1	135.0	125.1	118.8		118.9					
25S 23W 11CCC 01		2424.				105.8	113.6	114.1	77.4	76.6	67.5	82.0					
25S 23W 12RBR 01		2390.				146.2	156.4	148.4	155.7	155.5	153.5	149.2					
25S 23W 14ADD 01		2452.				200.1	210.8	203.3	209.2	212.8	207.6	207.7					
25S 26W 25CDD 01	T0	2623.		79		74.3	74.8		77.6	75.8	76.1	76.0					
25S 26W 30ABC 01		2679.	187	104		109.2			110.7	110.4	110.7	110.3					
26S 21W 17DBC 01	QA	2348.			7.3	57.1	60.1	59.7	60.8	59.7	59.1	57.9					
26S 21W 23ADA 01		2762.		6		7.1	7.9	8.0	7.9	7.9	8.3	8.0					
26S 23W 10DAD 01		2463.				169.3	173.1	172.7			176.8	180.8					
26S 24W 29DDD 01	T0	2575.		130		135.6	140.6	142.5	140.1	138.5	133.5	133.1					
26S 24W 31DDA 01		2463.		11		14.8	15.2	15.8	15.5		16.8	16.9					
26S 24W 32CBA 01	T0	2468.		20		27.3	23.2	24.1	23.5	22.8	23.8	23.4					
26S 24W 32DDA 01	T0	2463.		20		22.1	27.2	28.4	26.6	30.6	28.3	26.7					
26S 24W 33CDA 01	T0	2466.		26		29.5	32.7	32.9	32.1	31.5		28.9					
26S 25W 34RBR 01	QA	2490.		10		10.6	11.3	11.8	14.0	13.8		14.5					
26S 26W 32ADD 01	T0	2585.	128	43		45.7	48.3	49.4	49.8	50.3		51.8					
26S 26W 32DCC 01		2616.		74			74.4	78.1	78.5	78.5		71.1					
26S 26W 36DCC 01	T0	2543.	168	31		12.6	34.2	35.2	36.5	36.4	37.0	38.4					
27S 23W 24RBR 01		2395.					27.2	16.8	22.0	21.5	21.7	23.3					
27S 23W 36CCC 01	T0	2428.	147	46			40.7	41.6	41.9	43.1	43.0	44.4					
27S 24W 03RBD 01	T0	2455.		19		21.2	26.1	28.1	29.4	30.1	27.5	27.0					
27S 24W 03CDD 01	T0					9.8	11.8	11.6	11.8	11.5	13.2	12.0					
27S 24W 04RBC 01	T0	2453.		11		12.8	15.8	15.8	15.4	14.8	16.1	16.9					
27S 24W 09AAD 01	T0	2448.		10		17.3	18.8	19.7	20.1	19.2	20.6	19.2					
27S 24W 16RDR 01		2515.								72.5	75.5	75.5					
27S 24W 26DAA 01	T0	2512.	191	79			84.5	84.5	86.4	87.6	87.7	88.2					
27S 26W 21DAA 01	T0	2695.	199	160			160.6	161.6		164.4	168.1	166.9					
28S 21W 10DDD 01		2349.	89	41			39.5	39.0	40.4	40.9	41.1	41.3					
28S 21W 11CDA 01		2310.	84							42.0	42.5	42.6					
28S 21W 23DBC 01	T0									72.6	74.0						
28S 22W 12CAC 01	T0	2405.	87	66			56.7	57.3	58.1	58.4	58.9	63.9					
28S 22W 32RBR 01	T0	2485.	161	121			120.1	120.1	123.0	121.9		122.1					
28S 24W 08DCC 01		2578.		133			133.2	134.8	134.8	135.4	137.0	137.8					
28S 24W 09CBC 01	T0	2572.	227	125			128.0	129.7	131.3	132.0	133.3	136.1					
28S 25W 06ARR 01		2643.		144		140.4	141.8	142.6	143.8	144.3	147.1	145.9					
28S 25W 19RBR 01	T0	2635.	265	133			137.0	142.2	139.2	140.0	140.0	140.9					
28S 26W 06AAR 01	T0	2685.	195	133			140.7	142.4	158.1	161.6	160.5	161.2					
28S 26W 13CAA 01									133.1	133.7	136.2	135.0					
29S 21W 05RBR 01	T0	2418.		98	96.6	97.4	98.5	97.8	97.6	97.9	98.0	99.6					

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FORD COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
29S 22W 17DAD 01	TO	2475.	240	119			125.5	124.9	125.6	125.9	127.5	126.9
29S 24W 01ABA 01	TO	2560.	220	140						140.3	141.4	142.0
29S 24W 18RAA 01	TO	2610.	210	149				157.5	155.5	157.5	157.2	157.1
29S 25W 03ADA 01	TO	2630.	220	152			174.4	174.1	176.8	176.4	177.1	
29S 25W 10ABRC01		2617.		139						153.0	157.6	
29S 26W 01CDD 01	TO	2583.	163	78			89.6	90.0	91.0	91.6	91.9	91.6
29S 26W 15ADR 01		2563.								83.1	86.5	85.7
29S 26W 29ABR 01		2558.									83.8	
29S 26W 36ABR 01	TO	2532.	212	26			22.1	23.0	22.8	22.0	22.3	22.7

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

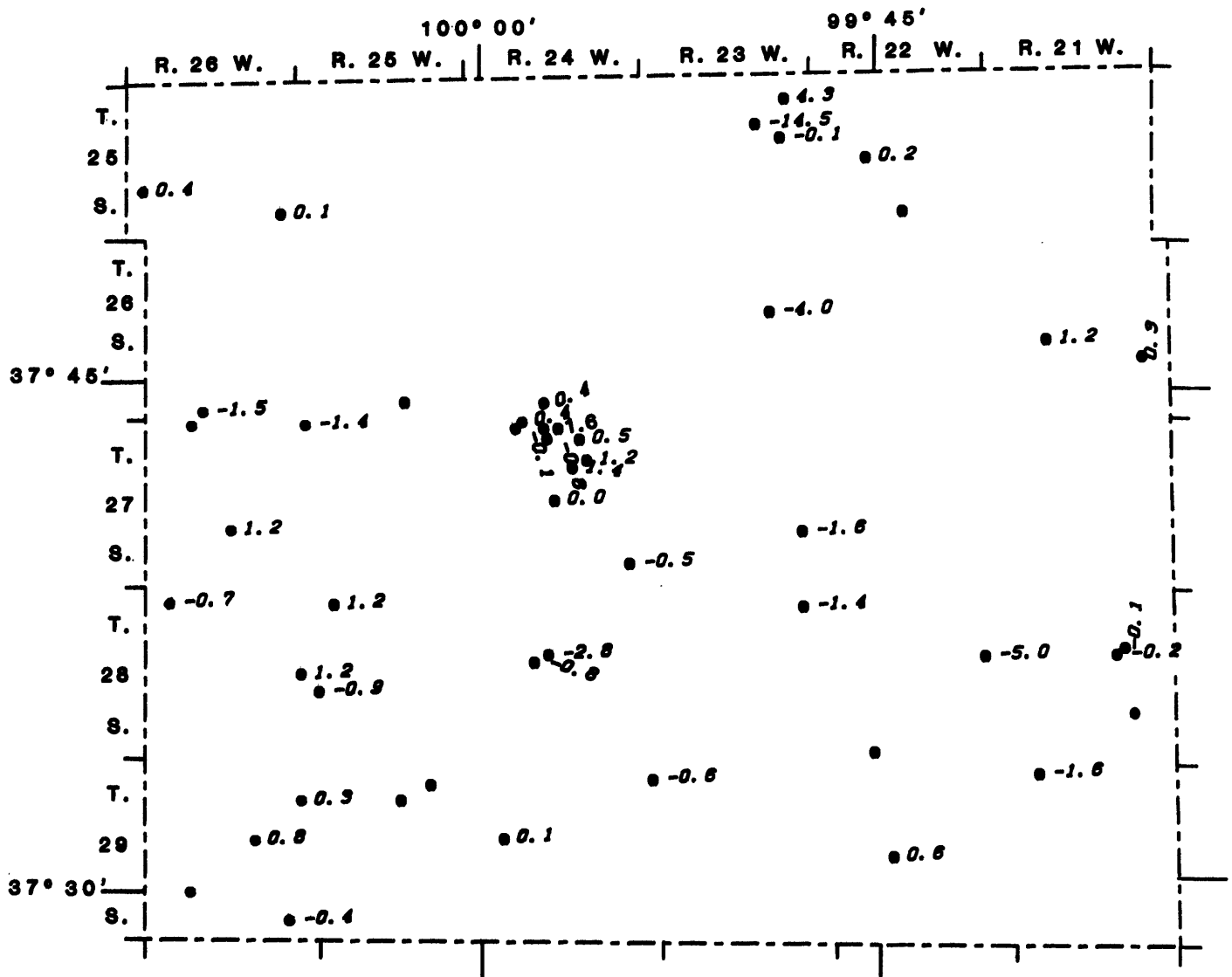
FORD COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
25S 22W 20AAA 01	T0	61.0	5	1.7	.2	.1	.1			
25S 22W 27CCD 01		118.9								
25S 23W 11CCC 01		82.0			-14.5					
25S 23W 12RRR 01		149.2			4.3					
25S 23W 14ADD 01		207.7			-.1					
25S 26W 25CDD 01	T0	76.0	3		.1	.1		108	111	3
25S 26W 30ARC 01	T0	110.3	-6		.4	-.1		121	115	-5
26S 21W 17BRC 01		57.9			1.2					
26S 21W 23ADA 01	QA	8.0	-2	-.7	.3					
26S 23W 10RAD 01		180.8			-4.0					
26S 24W 29RDD 01	T0	133.1	-3		.4	-.1				
26S 24W 31DDA 01	T0	16.9	-6		-.1	-.1				
26S 24W 32CBA 01	T0	23.4	-3		.4	-.1				
26S 24W 32DDA 01	T0	26.7	-7		1.6	-.2				
26S 24W 33CDA 01	T0	28.9	-3			-.1				
26S 25W 34BBR 01	QA	14.5	-5			-.1				
26S 26W 32ADD 01	T0	51.8	-9		-1.5	-.2		85	76	-11
26S 26W 32DCC 01	T0	71.1	3			.1				
26S 26W 36DCC 01	T0	38.4	-7		-1.4	-.2		137	130	-5
27S 23W 24RCR 01		23.3			-1.6					
27S 23W 36CCC 01	T0	44.4	2		-1.4	-.2		101	103	2
27S 24W 03RBD 01	T0	27.0	-8		.5					
27S 24W 03CDD 01	T0	12.0			1.2					
27S 24W 04BRC 01	T0	16.9	-6		-.8	-.1				
27S 24W 09AAD 01	T0	19.2	-9		1.4	-.2				
27S 24W 16RDR 01		75.5			.0					
27S 24W 26DAA 01	T0	88.2	-9		-.5	-.2		112	103	-8
27S 26W 21DAA 01	T0	166.9	-7		1.2	-.2		30	32	-18
28S 21W 10DDD 01		41.3			-.2			48	48	
28S 21W 11CDR 01		42.6			-.1				41	
28S 21W 23DBC 01	T0		2							
28S 22W 12CAC 01	T0	63.9	-1		-5.0			16	18	13
28S 22W 32RAR 01	T0	122.1	-5					40	39	-3
28S 24W 08DCC 01		137.8	-11		-.8	-.1				
28S 24W 09CBC 01	T0	136.1			-2.8	-.3		102	91	-11
28S 25W 06ABR 01		145.9	-2		1.2					
28S 25W 19RBR 01	T0	140.9	-8		-.9	-.2		132	124	-6
28S 26W 06AAR 01	T0	161.2	-28		-.7	-.7		62	34	-45
28S 26W 13CAA 01		135.0			1.2					
29S 21W 05RRR 01	T0	99.6	-2	-3.0	-1.6					
										-2

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

FORD COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
29S 22W 17DAD 01	TO	126.9	-8		.6	-.2		121	113	-7
29S 24W 01ABA 01	TO	142.0	-2		-.6			80	78	-3
29S 24W 18RAA 01	TO	157.1	-8		.1	-.2		61	53	-13
29S 25W 03ADA 01	TO									
29S 25W 10BRC01										
29S 26W 01CDD 01	TO	91.6	-14		.3	-.3		85	71	-16
29S 26W 15ADB 01		85.7			.8					
29S 26W 29ABR 01										
29S 26W 36ABR 01	TO	22.7	3		-.4	.1		186	189	2



WATER-LEVEL CHANGE IN FORD COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

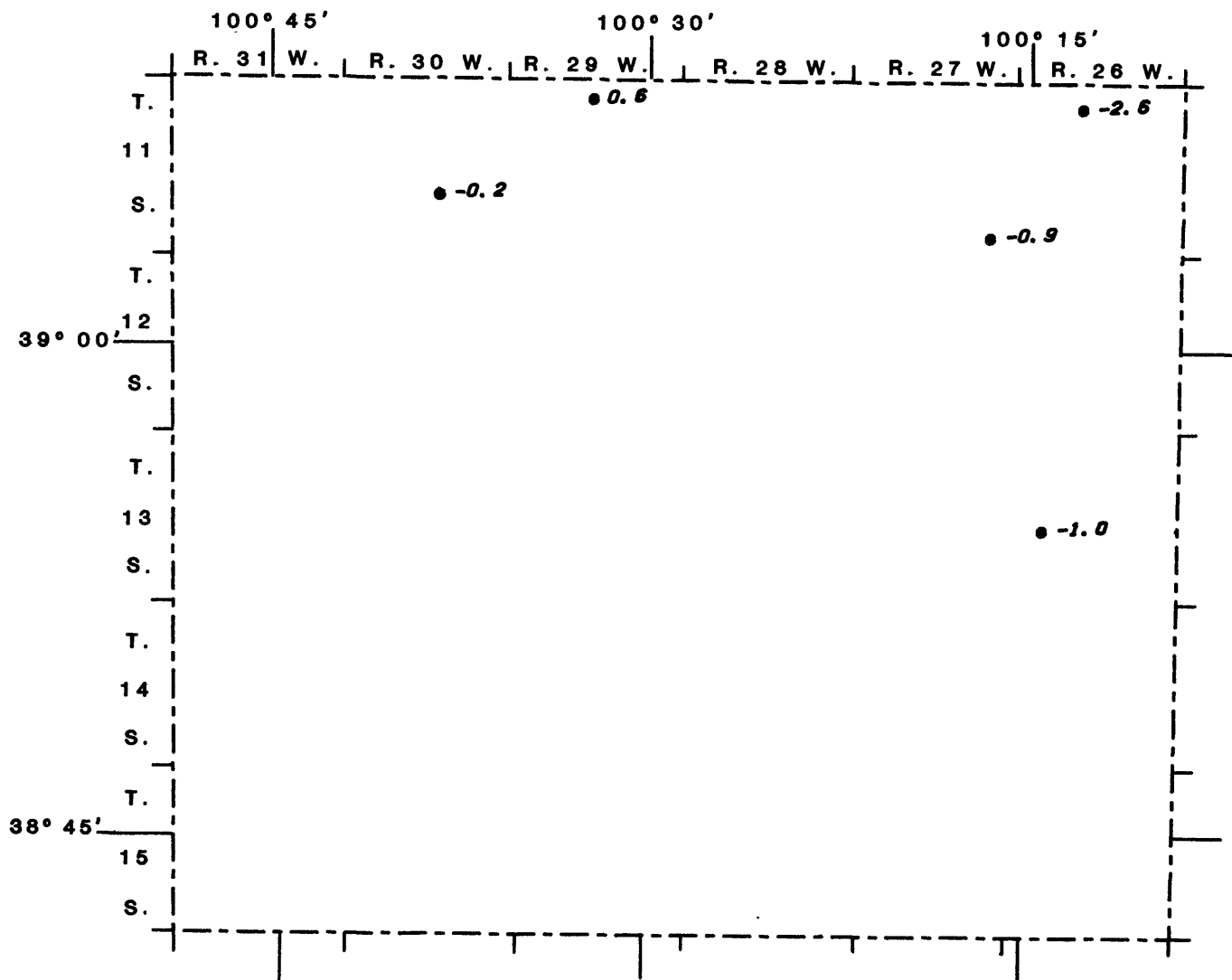
GOVE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
11S 26W 04CDC 01	T0	2583.	190	62	60.0	62.4	61.0	64.2	65.9	64.1	63.1	65.7
11S 27W 36ACC 01	T0	2676.	140	71		75.3	77.1	76.3	78.1	77.8	77.2	78.1
11S 29W 04DAD 01	T0	2844.	170	109		114.2	112.9	118.5	112.3	111.9	113.5	112.9
11S 30W 27ABR 01	T0	2922.	165	117		125.1	124.9	126.7	129.4	128.1	130.3	130.5
13S 26W 20CBC 01	QA	2432.	43		11.1	9.3	9.7	9.4	7.9	13.1	13.8	14.8

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GOVE. COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
11S 26W 04CDC 01	TO	65.7	-4	-5.7	-2.6	-.1	-.4	128	124	-3
11S 27W 36RCC 01	TO	78.1	-7		-.9	-.2		69	62	-10
11S 29W 04OAO 01	TO	112.9	-4		.6	-.1		61	57	-7
11S 30W 27ABR 01	TO	130.5	-14		-.2	-.4		48	35	-27
13S 26W 20CBC 01	QA	14.8		-3.6	-1.0		-.2		78	



WATER-LEVEL CHANGE IN GOVE COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

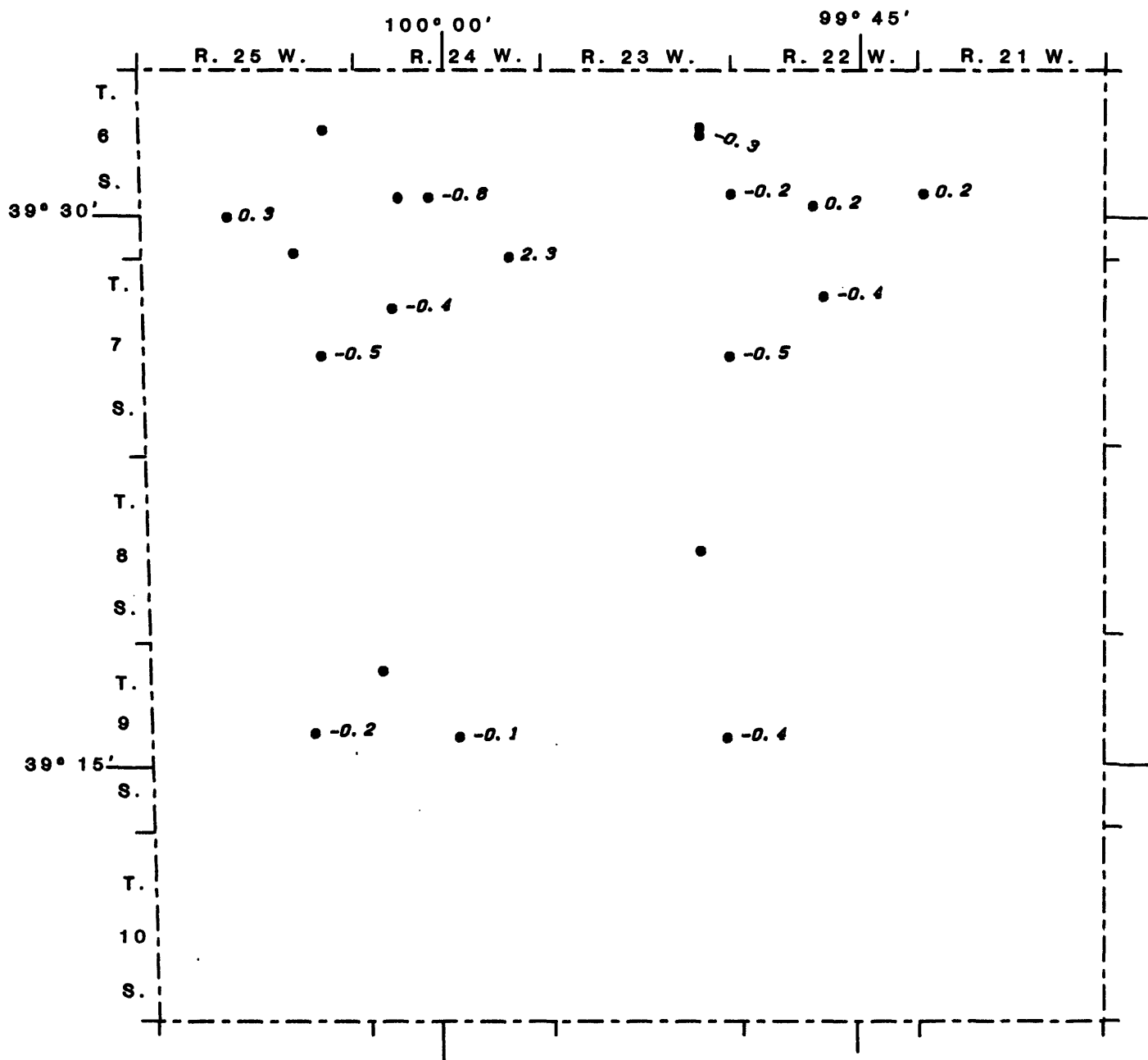
GRAHAM COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)					DEPTH TO WATER (FEET)					DEPTH TO WATER (FEET)				
				1950 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)	1988 (FEET)
06S 21W 19CDE 01	TN	2305.	135						103.2	102.5	102.2	102.0						
06S 22W 19CCC 01	TN	2400.	198						106.9	106.7	108.5	108.7						
06S 22W 28ACA 01	TN	2360.	180						128.0	120.2	114.3	114.1						
06S 23W 12CCR 01	TN	2350.		63	60.9	63.8	65.4	64.7										
06S 23W 13RBR 01	TN	2350.	183	55					55.8	55.5	57.9	58.2						
06S 24W 28RAR 01	TN	2479.																
06S 24W 29RAR 01	TN	2510.	250	96			96.5	96.7	100.4		99.2	100.0						
06S 24W 35DDN 01	TN	2492.		121					121.4	121.8	123.1							
06S 25W 12CCC 01	TN	2538.	224	142				142.2	143.4	145.5	146.6	144.3						
06S 25W 28CBC 01	TN	2540.	180	135					138.5	137.7								
				109	102.7	106.5	111.6	107.3	110.2	117.1	107.3	107.0						
06S 25W 35CCA 01	TN	2512.	212	96					96.7	97.6	98.8							
07S 22W 10RBC 01	TN	2217.	72	6					8.4	9.5	8.8	9.2						
07S 22W 19RBR 01	TN	2295.	63	39					38.9	38.6	38.9	39.4						
07S 24W 08CRA 01	TN	2519.	244	126					127.9	128.5	126.5	126.9						
07S 25W 24RBR 01	TN	2495.	210	85					85.4	87.7	86.2	86.7						
08S 23W 24RBD 01	QA	2130.						6.1	5.9			7.6						
09S 22W 19RRR 01	TN	2416.	134	95					95.7	94.7	95.7	96.1						
09S 24W 06DDN 01	TN	2491.	121	83					83.1	84.2								
09S 24W 22RAA 01	TN	2491.	110	94					96.1	96.8	93.9	94.0						
09S 25W 14DDN 01	TN	2534.	134	90						92.2	91.4	91.6						

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GRAHAM COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
06S 21W 19CDC 01	T0	102.0			.2				33	
06S 22W 19CCC 01	T0	108.7			-.2				89	
06S 22W 28ACA 01	T0	114.1			.2				66	
06S 23W 12CCR 01	T0									
06S 23W 13RRR 01	T0	58.2	-3		-.3	-.1		128	125	-2
06S 24W 28RAR 01	T0									
06S 24W 29RAR 01	T0	100.0	-4		-.8	-.1				
06S 24W 35DDD 01	T0	144.3	-2		2.3	-.1				
06S 25W 12CCC 01	T0									
06S 25W 28CBC 01	T0	107.0	2	-4.3	.3	.1	-.3	71	73	3
06S 25W 35CCA 01	T0									
07S 22W 10RBC 01	T0	9.2	-3		-.4	-.1		66	63	-5
07S 22W 19RRR 01	T0	39.4			-.5			24	24	
07S 24W 08CBA 01	T0	126.9	-1		-.4			118	117	-1
07S 25W 24RRR 01	T0	86.7	-2		-.5	-.1		125	123	-2
08S 23W 24RRD 01	QA	7.6								
09S 22W 19BBR 01	T0	96.1	-1		-.4			39	38	-3
09S 24W 06DDD 01	T0									
09S 24W 22RAA 01	T0	94.0			-.1			16	16	
09S 25W 14DDD 01	T0	91.6	-2		-.2	-.1		44	42	-5



WATER-LEVEL CHANGE IN GRAHAM COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GRANT COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
27S 35W 11RDR 01		3022.		120								172.0
27S 35W 17ADD 01	QU, TO	3086.	462	175	185.7	203.9	208.5	212.6	216.8	220.5	234.0	227.6
27S 36W 01ADB 01		3088.		153								226.4
27S 36W 04BDA 01		3098.		140								190.0
27S 36W 18DCR 01	QU, TO	3065.	395	104	116.5	148.1	159.0	164.0	163.1	170.1	179.8	182.5
27S 36W 21DCC 01	QU, TO	3132.		199								265.6
27S 36W 25CC 01	QU, TO	3133.	438	216	253.6	266.5	272.1	276.0	281.7	295.7		290.3
27S 37W 04ABR 01	QU, TO	3080.	316	70	86.4	129.8	140.1	144.0	146.0	150.4		157.0
27S 37W 11ABA 01	QU, TO	3093.	368	107	131.4	163.8	169.5	180.9	186.2	186.7	191.5	189.2
27S 37W 21RDD 01		3058.		58					184.8			192.1
27S 37W 29CBA 01	QU, TO	3079.	319	50	84.4	170.7	181.1	186.6	187.8	194.6	207.5	202.4
27S 38W 12ADC 01	QU, TO	3076.	280	34	65.5	148.9	164.9	169.5	177.5	179.8	183.2	182.2
27S 38W 15RBB 01	KJ	3148.			132.9	166.9	176.4	173.3	171.2	168.5	167.4	172.0
27S 38W 22CBA 01	QU, TO	3110.	340	49	76.8	176.4	201.7	183.9	179.3	172.1	167.7	169.3
27S 38W 23CB 01	QU, TO	3105.	335	50	98.2	131.8	134.5	160.7	151.4	155.6		155.8
27S 38W 32RCC 01	QU, TO	3131.	371	50	105.1	147.9	153.1	153.4	156.4	156.3	156.3	157.0
28S 35W 05RCC 01	QU, TO	3117.	457	237	253.2	277.9	284.2			308.0		307.5
28S 35W 08ABA 01	QU, TO	3117.	447	239								
28S 35W 15CBA 01	QU, TO	3064.	509	213	250.7	265.0	270.1	274.5	276.3	292.8	298.1	281.1
28S 35W 30ABA 01	QU, TO	3072.	502	207						294.8		303.1
28S 35W 36ABC 01	QU, TO	3032.	572	222	236.4	270.7	277.5	282.9	287.6	292.7		300.8
28S 36W 02CDD 02	QU, TO, KJ	3111.			241.6	265.1	267.2	268.3	268.5	266.9	268.3	267.6
28S 36W 21CDD 01	QU, TO	3066.	430	158	193.8	233.4	241.3	247.7	254.0	258.7		269.8
28S 37W 02ABA 03	QU, TO, KJ	3087.					237.1	210.5	218.9	273.9		230.6
28S 37W 10RCD 02	QU, TO	3057.	350	49	100.7	170.3	168.9	176.6	170.8		199.0	203.3
28S 37W 30RBD 01	QU, TO	3097.	427	65	103.7			182.1	188.8	188.4		197.2
28S 38W 07RBA 01	QU, TO	3134.	409	56	112.4	184.8	202.8	207.8	210.1	215.2	215.7	226.5
28S 38W 08AC 01	QU, TO	3124.	424	50	120.3	186.8	214.4	219.5	222.8	219.5		227.3
28S 38W 12CBA 01	QU, TO	3087.	360	37	74.4	145.0	145.4	157.9	165.8	173.5	185.8	189.3
28S 38W 12RDD 01	QU, TO	3080.	365	40	78.6	144.7	148.9			165.6	180.8	175.6
28S 38W 17AAA 01	QU, TO	3112.	422	41	118.1	169.7	191.7	196.9	199.8	205.5	210.8	205.6
28S 38W 31DRA 01	QU, TO	3138.	418	58	100.5	149.9	166.4	171.5	174.8	186.6		198.7
28S 38W 33RD 03	QU, TO	3128.	438	62	95.5	138.3	146.8	155.1	159.4	169.1		222.4
29S 35W 01CCC 01	QU, TO	3015.	510	210		261.6	266.6	263.0	263.9	269.0	273.6	272.4
29S 35W 06RAA 01	QU, TO	3054.		189	211.9	216.7	220.2	214.5	215.1			213.1
29S 35W 07CDD 01	QU, TO	3036.	441	168					255.9	271.1	262.5	
29S 35W 28ACC 01	QU, TO	2975.	500	147	185.4	214.1	214.8	220.9	224.1	231.7	236.9	236.6
29S 36W 04RDA 01	QU, TO	3055.	400	133	161.0	233.0	248.0	254.0	251.0		256.1	250.8
29S 36W 19ACR 01	QU, TO	2995.	405	44	118.0		171.7	175.5		179.5	187.0	193.4
29S 37W 03CDA 01	QU, TO	3051.	421	71	133.0	184.1	201.4	203.4	202.9			229.4

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GRANT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
29S 37W 08CBA 01	QU, TO	3065.	430	46	114.5	175.9	189.5	196.5	195.4	201.8	221.5	212.0
29S 37W 22AAR 01	QU, TO	3039.	459	48	104.0	153.8	161.9	161.1	161.4		152.6	
29S 37W 29RBA 01	QU, TO	3094.	504	74	148.0	216.3	223.0	239.1		243.3	250.6	250.0
29S 38W 03RAA 01	QU, TO	3113.	459	54	121.4	149.3		208.0	210.1			230.6
29S 38W 08CCC 01	QU, TO	3154.	480	74	109.0	140.2	159.2	180.3	177.0	191.1		208.7
29S 38W 20CDC 01	QU, TO, KU	3139.			80.8	117.8	122.8	125.9	129.0	133.0	143.6	142.4
29S 38W 22CBB 01	QU	3113.	493	54	74.0			131.9	140.5	137.4	141.7	145.3
29S 38W 35CCD 01	QU, TO	3124.	469	74	115.1	141.8	145.7	149.4	154.0	168.9	164.1	173.4
30S 35W 02DBC 01	QU, TO	3020.	525	225	240.5	265.1	277.3	282.5	282.6		288.8	
30S 35W 19ACD 01	QU, TO	3004.	474	134	153.3	192.4	185.6	174.6			193.7	198.8
30S 36W 01RRR 01	QU, TO	2973.	463	98	130.4	176.1	182.3	188.2	186.9	189.9	203.3	198.7
30S 36W 04ABR 01	QU, TO, KU	3033.					180.7	180.8	179.0		150.6	150.5
30S 36W 06RBC 01	QU, TO	3075.	465	121	192.0	244.8	248.5	257.2	253.4	254.4	258.3	263.1
30S 36W 07AAR 01	QU, TO	3061.	481	114	190.7	213.6	221.1	223.3		219.0	226.3	
30S 36W 16DAR 01	QU, TO	3027.	432	109	140.7	174.8	184.3	190.1	185.6	187.7	192.4	197.6
30S 36W 25RCR 01	QA	2901.	341	15		44.1	47.1	44.7	48.4	51.2	54.3	55.6
30S 36W 32RBC 01	QU, TO	3064.	384	113	122.5	142.6	144.8	148.6	146.9	153.5	161.6	152.0
30S 37W 02RAA 02	QU, TO	3102.	507	122	221.7	263.9	274.1			283.4	287.7	291.5
30S 37W 03DRA 01	QU, TO, KU	3108.				249.7	263.2	262.0	257.9	263.8	259.9	261.3
30S 37W 06DCC 01	QU, TO	3121.	520	101	142.7	178.3	190.7	194.8	194.8	201.0		
30S 37W 10DCR 01	QU, TO	3096.	426	111	173.9	202.0	211.4	212.4	214.8	216.9	219.2	220.8
30S 37W 20CBC 01	QU	3125.	385	114	164.6	192.5	198.7	191.4	193.5	199.5	200.6	202.8
30S 38W 03DCC 01	QU, TO	3147.	452	91	124.7	151.9	155.5	160.0	166.2	168.5	172.3	176.4
30S 38W 13CCC 01	QU, TO, KU	3142.			146.7	175.2	181.4	184.1	188.7	190.3		207.9
30S 38W 15DBC 01	QU	3144.	360	89	118.7	144.7	149.5	153.7	156.8	159.2		173.1
30S 38W 30ACA 01	QU, TO	3152.	377	69	82.1	118.3	120.2	125.3	130.5	133.6	141.5	148.0

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

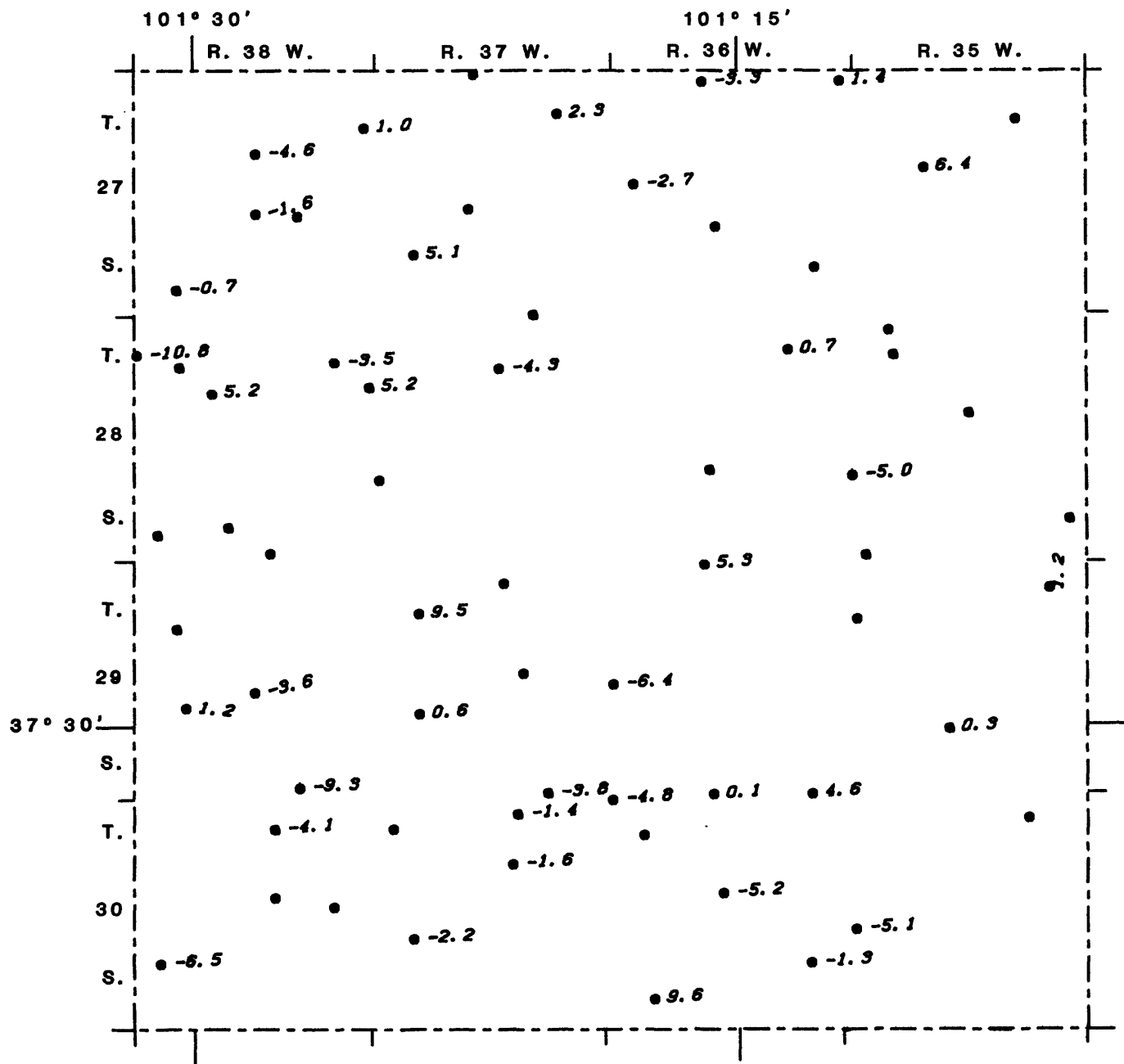
GRANT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
27S 35W 11RDR 01	QU, TO	172.0	-52	-41.9	6.4	-1.2	-2.6	287	234	-18
27S 35W 17ADD 01		227.6	-53		1.4	-1.3				
27S 36W 01ADR 01		226.4	-73		-3.3	-1.7				
27S 36W 04RDA 01		190.0	-50		-2.7	-1.2				
27S 36W 18DCR 01	QU, TO	182.5	-79	-66.0		-1.9	-4.1	291	213	-27
27S 36W 21DCC 01	QU, TO	265.6	-67			-1.6				
27S 36W 25CC 01		290.3	-74	-36.7		-1.8	-2.3	222	148	-33
27S 37W 04ABR 01		157.0	-87	-70.6		-2.1	-4.4	246	159	-35
27S 37W 11ABR 01		189.2	-82	-57.7	2.3	-2.0	-3.6	261	179	-31
27S 37W 21RDD 01	QU, TO	192.1	-134			-3.2				
27S 37W 29CBB 01	QU, TO	202.4	-152	-118.0	5.1	-3.6	-7.4	269	117	-57
27S 38W 12ADC 01		182.2	-148	-116.7	1.0	-3.5	-7.3	246	98	-60
27S 38W 15RBR 01		172.0		-39.1	-4.6	-2.4	-2.4			
27S 38W 22CBB 01		169.3	-120	-92.5	-1.6	-2.9	-5.8	291	171	-41
27S 38W 23CB 01	QU, TO	155.8	-106	-57.5		-2.5	-3.6	285	179	-37
27S 38W 32RCC 01	QU, TO	157.0	-107	-51.8	-7	-2.5	-3.2	321	214	-33
28S 35W 05RCC 01		307.5	-71	-54.3		-1.7	-3.4	220	150	-32
28S 35W 08RBA 01										
28S 35W 15CBB 01		281.1	-68	-30.4	-5.0	-1.6	-1.9	296	228	-23
28S 35W 30RBR 01	QU, TO	303.1	-96			-2.3		295	199	-33
28S 35W 36ABC 01	QU, TO, KJ	300.8	-79	-64.4		-1.9	-4.0	350	271	-23
28S 36W 02CDD 02		267.6		-26.0	.7	-1.6	-1.6			
28S 36W 21CDD 01		269.8	-112	-76.0		-2.7	-4.8	272	160	-41
28S 37W 02RBR 03		230.6								
28S 37W 10RCD 02	QU, TO	203.3	-154	-102.6	-4.3	-3.7	-6.4	301	147	-51
28S 37W 30RBD 01	QU, TO	197.2	-132	-93.5		-3.1	-5.8	362	230	-36
28S 38W 07RBR 01		226.5	-171	-114.0	-10.8	-4.1	-7.1	353	183	-48
28S 38W 08RC 01		227.3	-177	-107.0		-4.2	-6.7	374	197	-47
28S 38W 12RBR 01		189.3	-152	-114.9	-3.5	-3.6	-7.2	323	171	-47
28S 38W 12DD 01	QU, TO	175.6	-136	-97.0	5.2	-3.2	-6.1	325	189	-42
28S 38W 17AAA 01	QU, TO	205.6	-165	-87.5	5.2	-3.9	-5.5	381	216	-43
28S 38W 31RBR 01		198.7	-141	-98.1		-3.4	-6.1	360	219	-39
28S 38W 33RD 03		222.4	-160	-126.9		-3.8	-7.9	376	216	-43
29S 35W 01CCC 01		272.4	-62		1.2	-1.5		300	238	-21
29S 35W 06RAA 01	QU, TO	213.1	-24	-1.2		-6	-1			
29S 35W 07CBB 01	QU, TO									
29S 35W 28ACC 01		236.6	-90	-51.1	.3	-2.1	-3.2	353	263	-25
29S 36W 04RDR 01		250.8	-118	-89.8	5.3	-2.8	-5.6	267	149	-44
29S 36W 19RCR 01		193.4	-149	-75.4	-6.4	-3.5	-4.7	361	212	-41
29S 37W 03CDA 01	QU, TO	229.4	-154	-96.4		-3.8	-6.0	350	192	-45

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GRANT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1981-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
29S 37W 08C8A 01	QU, TO	212.0	-166	-97.5	9.5	-4.0	-6.1		384	218	-43
29S 37W 22A8R 01	QU, TO										
29S 37W 29R8A 01	QU, TO	250.0	-176	-102.0	.6	-4.2	-6.4		430	254	-41
29S 38W 03R8A 01	QU, TO	230.6	-177	-109.2		-4.2	-6.8		405	228	-44
29S 38W 08C8C 01	QU, TO	208.7	-135	-99.7		-3.2	-6.2		406	271	-33
29S 38W 20C8C 01	QU, TO, KJ	142.4		-61.5	1.2		-3.8				
29S 38W 22C8R 01	QU	145.3	-91	-71.3	-3.6	-2.2	-4.5		439	348	-21
29S 38W 35C8C 01	QU, TO	173.4	-99	-58.2	-9.3	-2.4	-3.6		395	296	-25
30S 35W 02D8C 01	QU, TO										
30S 35W 19R8C 01	QU, TO	198.8	-65	-45.5	-5.1	-1.5	-2.8		340	275	-19
30S 36W 01R8R 01	QU, TO	198.7	-101	-68.3	4.6	-2.4	-4.3		365	264	-28
30S 36W 04A8R 01	QU, TO, KJ	150.5			.1						
30S 36W 06R8C 01	QU, TO	263.1	-142	-71.1	-4.8	-3.4	-4.4		344	202	-41
30S 36W 07A8R 01	QU, TO										
30S 36W 16D8R 01	QU, TO	197.6	-89	-56.8	-5.2	-2.1	-3.6		323	214	-28
30S 36W 25R8C 01	QA	55.6									
30S 36W 32R8C 01	QU, TO	152.0	-41	-29.5	-1.3	-1.0	-1.8		326	285	-13
30S 37W 02R8A 02	QU, TO	291.5	-39	-69.8	9.6	-9	-4.4		271	232	-14
30S 37W 03D8A 01	QU, TO, KJ	261.3	-170		-3.8	-4.0			385	216	-44
30S 37W 06D8C 01	QU, TO				-1.4						
30S 37W 10D8C 01	QU, TO	220.8	-110	-46.9	-1.6	-2.6	-2.9		315	205	-35
30S 37W 20C8C 01	QU	202.8	-89	-38.2	-2.2	-2.1	-2.4		271	182	-33
30S 38W 03D8C 01	QU, TO	176.4	-85	-51.7	-4.1	-2.0	-3.2		361	276	-24
30S 38W 13C8C 01	QU, TO, KJ	207.9		-61.2			-3.8				
30S 38W 15D8C 01	QU	173.1	-84	-54.4		-2.0	-3.4		271	187	-31
30S 38W 30A8A 01	QU, TO	148.0	-79	-65.9	-6.5	-1.9	-4.1		308	229	-26



WATER-LEVEL CHANGE IN GRANT COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GRAY COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO		DEPTH TO		DEPTH TO		DEPTH TO		DEPTH TO		DEPTH TO		DEPTH TO		DEPTH TO	
				WATER 1940 (FEET)	WATER 1966 (FEET)	WATER 1976 (FEET)	WATER 1977 (FEET)	WATER 1978 (FEET)	WATER 1979 (FEET)	WATER 1980 (FEET)	WATER 1981 (FEET)	WATER 1982 (FEET)	WATER 1983 (FEET)	WATER 1984 (FEET)	WATER 1985 (FEET)	WATER 1986 (FEET)	WATER 1987 (FEET)	WATER 1988 (FEET)	WATER 1989 (FEET)
24S 27W 08CCC 01	QU, TO	2697.	138	66	59.1	68.8	71.4	77.8	65.5	68.6	74.2	71.7							
24S 27W 14ABR 01	QU, TO	2654.	92	74	66.2	65.0	64.9	73.7	65.5	65.1	65.1	64.4							
24S 28W 10ABR 01	QU, TO	2743.	200	92		90.4	96.9		99.5	100.0	102.7	100.5							
24S 28W 31DD 01	QU, TO	2754.	264	91	87.9	111.2	120.1	129.5	170.5	119.6	125.4	127.5							
24S 28W 36ACA 01	TN	2720.	135	85	83.3	89.3	92.6	94.1		96.3	96.9	96.7							
24S 29W 16DCA 01	QU, TO	2787.	222	98	96.2	101.4	109.3	110.2	110.5	110.0	112.4	109.0							
24S 29W 18CCR 01	QU, TO	2814.	220	106	109.8	113.6	117.7	118.9	119.1	118.9	121.1	120.9							
24S 30W 01RCR 01	QU, TO	2809.	170	89		97.9	89.2	95.1	89.9	89.0	91.5	89.4							
24S 30W 08DCD 01	QU, TO	2859.	238	114		128.0	127.2	138.4	131.4	132.5	138.1	132.1							
24S 30W 15CCC 01	QU, TO	2846.	248	114	117.0	124.2	142.6	146.9	130.3	132.6	131.4	132.1							
25S 27W 33ABR 01	QU, TO	2728.	249	134	131.8	135.2	136.9	137.2	137.8	142.0	148.8	138.4							
25S 29W 07RCR 01	QU, TO	2830.	281	131	129.0	137.7	137.5	137.7	139.7	139.4	147.1	149.9							
25S 29W 14ABR 01	QU, TO	2776.		107	107.1	120.9	127.7	126.8	129.1		131.0	130.5							
25S 30W 20RCR 01	QU, TO	2734.	184	9	9.8	12.5	11.8	13.5	13.5	14.3	16.9	16.1							
25S 30W 22ACD 01	QU, TO	2722.	177	14	14.7	18.4		20.7		21.7	22.1	23.4							
26S 27W 13BRC 01	QU, TO	2567.	165	9	7.9		9.2	10.8	10.2	8.5	3.8	3.9							
26S 27W 18ADC 01	QU, TO	2596.	202	6		8.1	9.5	10.3	7.3	5.1		6.4							
26S 27W 27CDD 01	QU, TO	2612.	222	33		35.1	38.5	42.3	44.0	44.1	48.5	46.5							
26S 28W 10ACR 02	QU, TO	2632.	177	16	18.9	25.3	25.8	25.8	26.9	24.4	15.4	7.9							
26S 29W 35CCC 01	QU, TO	2742.	242	72	71.6	81.1	78.4	82.4	83.9	86.8		95.9							
26S 30W 17AD 01	QU, TO	2799.	319	76	72.0	82.8	82.4	88.2	88.1	89.8	87.1	94.5							
26S 30W 24DD 01	QU, TO	2754.	253	54		64.1	69.6	72.0	70.9	74.0	76.7	79.4							
27S 27W 07ADC 01	QU, TO	2686.	186	82	74.0	83.1	84.5		89.1	89.5	91.8	92.8							
27S 27W 10CDR 01	QU, TO	2712.	235	131	123.4	129.8	131.4	133.3	134.7	136.3	137.8	139.4							
27S 27W 25CCD 01	QU, TO	2732.	228	167	163.8	169.3	171.0	172.2	174.7	175.1	181.7	178.4							
27S 28W 05AAA 01	QU, TO	2707.	228	66		67.2	72.3	80.0	78.3	80.3	82.5	85.4							
27S 28W 30CCA 01	QU, TO	2738.	218	78		86.2			89.8	92.4	95.4	98.1							
27S 29W 09DA 01	QU, TO	2749.	280	69	60.3	72.3	75.0	85.2	83.3	86.0	88.8								
27S 30W 08RBR 01	QU, TO	2790.	265	68	66.6	82.4	85.3	93.7	92.5	95.6	100.6	101.9							
27S 30W 23RB 01	QU, TO	2772.	247	68	63.9	78.9	82.4	87.1	86.1	90.2	93.9	99.7							
27S 30W 25CCR 01	QU, TO	2808.	369	110	103.0	117.0	121.1	124.6	128.9	134.9	135.4	140.3							
27S 30W 34CCC 01	QU, TO	2807.	404	102	101.0	116.3	121.0	124.8	128.6	131.7	135.3	138.0							
28S 27W 03RBR 01	QU, TO	2755.	260	166		169.4	170.1	173.5	174.3	174.8	180.6	177.7							
28S 28W 20ADD 02	QU, TO	2795.	220	145	146.2	151.8	152.2	160.0	149.0	148.3	148.5	150.1							
28S 29W 16ACC 01	QU, TO	2799.	299	171	175.0	141.0	147.0	149.6	152.1	153.4	157.0	157.0							
28S 30W 10DD 01	QU, TO	2814.	469	115	170.9	144.0	146.3	152.4	151.9	153.8	156.7	159.2							
28S 30W 17RBR 01	TN	2817.	497	110	110.4	141.4	139.2	150.0	146.3	162.1	162.1	157.5							
28S 30W 24RAR 01	QU, TO	2804.	429	114	119.5	138.9	145.6	159.5	151.7	153.2	155.3	157.5							
29S 27W 30RCC 01	QU, TO	2655.	280	87	103.0	108.2	113.4	116.3	120.3	121.5	124.1	125.7							
29S 27W 36ARA 01	QU, TO	2573.	348	45	54.0	65.8	73.2	77.5	81.7	83.0		90.8							

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GRAY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1940 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)
29S 28W 18CCC 01	QU, TO	2715.	190	80		97.6	100.9	103.1	107.0	109.2	111.2	112.8			
29S 28W 19DDO 01	QU, TO	2712.	292	92	95.6	108.3	108.6	110.8		114.4		119.3			
29S 28W 28CDC 01	TO	2688.	278	88	91.2	100.6	102.4		108.6	110.6	113.2	115.2			
29S 29W 10ABR 01												116.4			
29S 29W 27RCR 01	QU, TO	2739.	494	98	101.0	112.1	117.3	118.3	121.5	123.8	127.3	128.8			
29S 30W 05ABR 01	QU, TO	2821.	466	130	137.5	151.8	156.1	160.8	163.5	166.0	169.0	172.2			
29S 30W 12CCC 01	QU, TO	2768.	478	98		115.1	119.1	122.6		127.7	133.0	133.3			
29S 30W 22RBC 01	QU, TO	2816.	446	144	144.6	159.1	165.6	170.3	175.3	177.9	178.9	178.6			
29S 30W 35ACD 01	QU, TO	2805.	445	146	147.8	163.6	169.7			173.0	186.1	190.1			

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

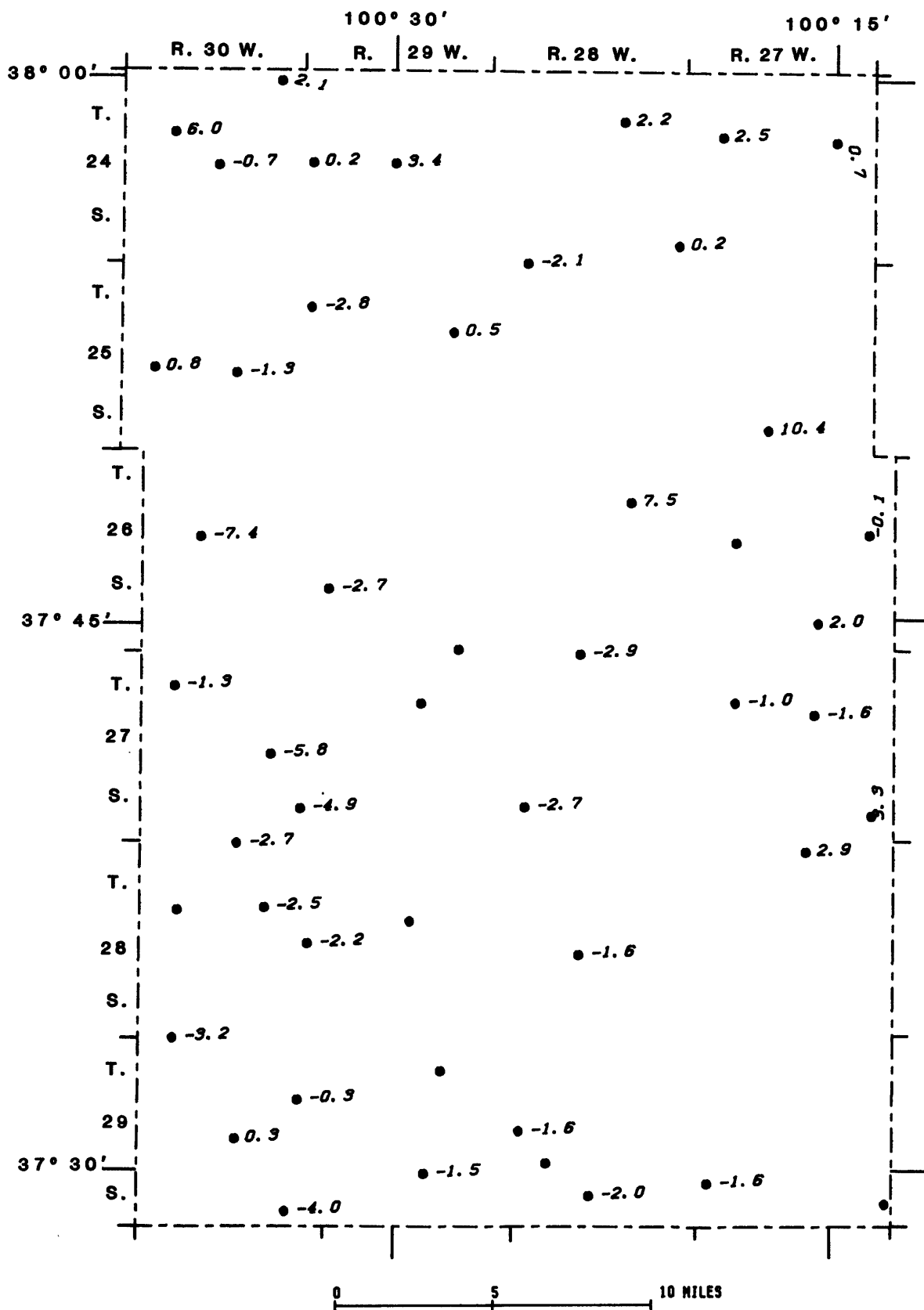
GRAY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE, 1940-82 (FEET)	WATER LEVEL CHANGE, 1966-82 (FEET)	WATER LEVEL CHANGE, 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE, 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE, 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
24S 27W 08CCC 01	QU, TU	71.7	-6	-12.5	2.5	-1.1	-0.8	72	66	-8
24S 27W 14ABR 01	QU, TO	64.4	10	1.8	.7	.2	.1	18	28	56
24S 28W 10ADD 01	QU, TO	100.5	-9		2.2	-2.2		108	100	-7
24S 28W 31DD 01	QU, TO	127.5	-37	-39.6	-2.1	-0.9	-2.5	171	137	-21
24S 28W 36ACA 01	TU	96.7	-12	-13.3	.2	-0.3	-0.8	50	38	-24
24S 29W 16DCA 01	QU, TU	109.0	-11	-12.7	3.4	-0.3	-0.8	124	113	-9
24S 29W 18CCR 01	QU, TO	170.9	-15	-11.1	.2	-0.4	-0.7	114	99	-13
24S 30W 01RCR 01	QU, TO	89.4			2.1			81	81	
24S 30W 08DCD 01	QU, TO	132.1	-18		6.0	-0.4		124	106	-15
24S 30W 15CCC 01	QU, TO	132.1	-18	-15.1	-7	-0.4	-0.9	134	116	-13
25S 27W 33ABR 01	QU, TO	138.4	-4	-6.6	10.4	-0.1	-0.4	115	111	-3
25S 29W 07RCR 01	QU, TO	149.9	-19	-20.9	-2.8	-0.5	-1.3	150	131	-13
25S 29W 14ABR 01	QU, TO	130.5	-24	-23.4	.5	-0.6	-1.5			
25S 30W 20RCR 01	QU, TO	16.1	-7	-6.3	.8	-0.2	-0.4	175	168	-4
25S 30W 22ACD 01	QU, TO	23.4	-9	-8.7	-1.3	-0.7	-0.5	163	154	-6
26S 27W 13RBC 01	QU, TO	3.9	5	4.1	-1.1	.1	.3	156	161	3
26S 27W 18ADC 01	QU, TO	6.4						196	196	
26S 27W 27CDD 01	QU, TO	46.5	-14		2.0	-0.3		189	176	-7
26S 28W 10ACR 02	QU, TO	7.9	8	11.0	7.5	.2	.7	156	164	5
26S 29W 35CCC 01	QU, TO	95.9	-24	-24.3		-0.6	-1.5	170	146	-14
26S 30W 17AD 01	QU, TO	94.5	-19	-22.5	-7.4	-0.5	-1.4	243	225	-7
26S 30W 24DDO 01	QU, TO	79.4	-25		-2.7	-0.6		199	174	-13
27S 27W 07ADC 01	QU, TO	92.8	-11	-18.8	-1.0	-0.3	-1.2	104	93	-11
27S 27W 10CDR 01	QU, TO	139.4	-8	-15.9	-1.6	-0.2	-1.0	104	96	-8
27S 27W 25CCD 01	QU, TO	178.4	-11	-14.6	3.3	-0.3	-0.9	61	50	-18
27S 28W 05AAA 01	QU, TO	85.4	-19		-2.9	-0.5		162	143	-12
27S 28W 30CCA 01	QU, TO	98.1	-20		-2.7	-0.5		140	120	-14
27S 29W 09DA 01	QU, TO									
27S 30W 08RRR 01	QU, TO	101.9	-34	-35.3	-1.3	-0.8	-2.2	197	163	-17
27S 30W 23RB 01	QU, TO	99.7	-32	-35.8	-5.8	-0.8	-2.2	179	147	-18
27S 30W 25CCB 01	QU, TO	140.3	-30	-37.3	-4.9	-0.7	-2.3	259	229	-12
27S 30W 34CCC 01	QU, TO	138.0	-36	-37.0	-2.7	-0.9	-2.3	302	286	-12
28S 27W 03RRR 01	QU, TO	177.7	-12		2.9	-0.3		94	82	-13
28S 28W 20ADD 02	QU, TO	150.1	-5	-3.9	-1.6	-0.1	-0.2	75	70	-7
28S 29W 16ACC 01	QU, TO	157.0	-36	-32.0		-0.9	-2.0	178	142	-20
28S 30W 10DDO 01	QU, TO	159.2	-44	-38.3	-2.5	-1.0	-2.4	354	310	-12
28S 30W 17RBA 01	TU									
28S 30W 24RAB 01	QU, TO	157.5	-44	-37.9	-2.2	-1.0	-2.4	315	272	-14
29S 27W 30RCC 01	QU, TO	125.7	-39	-22.7	-1.6	-0.9	-1.4	193	154	-20
29S 27W 36ABA 01	QU, TO	90.8	-46	-36.8		-1.1	-2.3	303	257	-15

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GRAY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
29S 28W 18CCC 01	OU,TO	112.8	-33		-1.6	-0.8		110	77	-30
29S 28W 19DDD 01	OU,TO	119.3	-27	-23.6		-0.6	-1.5	200	173	-14
29S 28W 28CDC 01	Tn	115.2	-27	-24.0	-2.0	-0.6	-1.5	190	163	-14
29S 29W 10ABR 01		116.4								
29S 29W 27ACR 01	OU,TO	128.8	-31	-27.7	-1.5	-0.7	-1.7	396	365	-8
29S 30W 05BBR 01	OU,TO	172.2	-42	-34.7	-3.2	-1.0	-2.2	336	294	-13
29S 30W 12CCC 01	OU,TO	133.3	-35		-0.3	-0.8		380	345	-9
29S 30W 22BBC 01	OU,TO	178.6	-35	-34.0	.3	-0.8	-2.1	302	267	-12
29S 30W 35ACD 01	OU,TO	190.1	-44	-42.3	-4.0	-1.0	-2.6	299	255	-15



WATER-LEVEL CHANGE IN GRAY COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

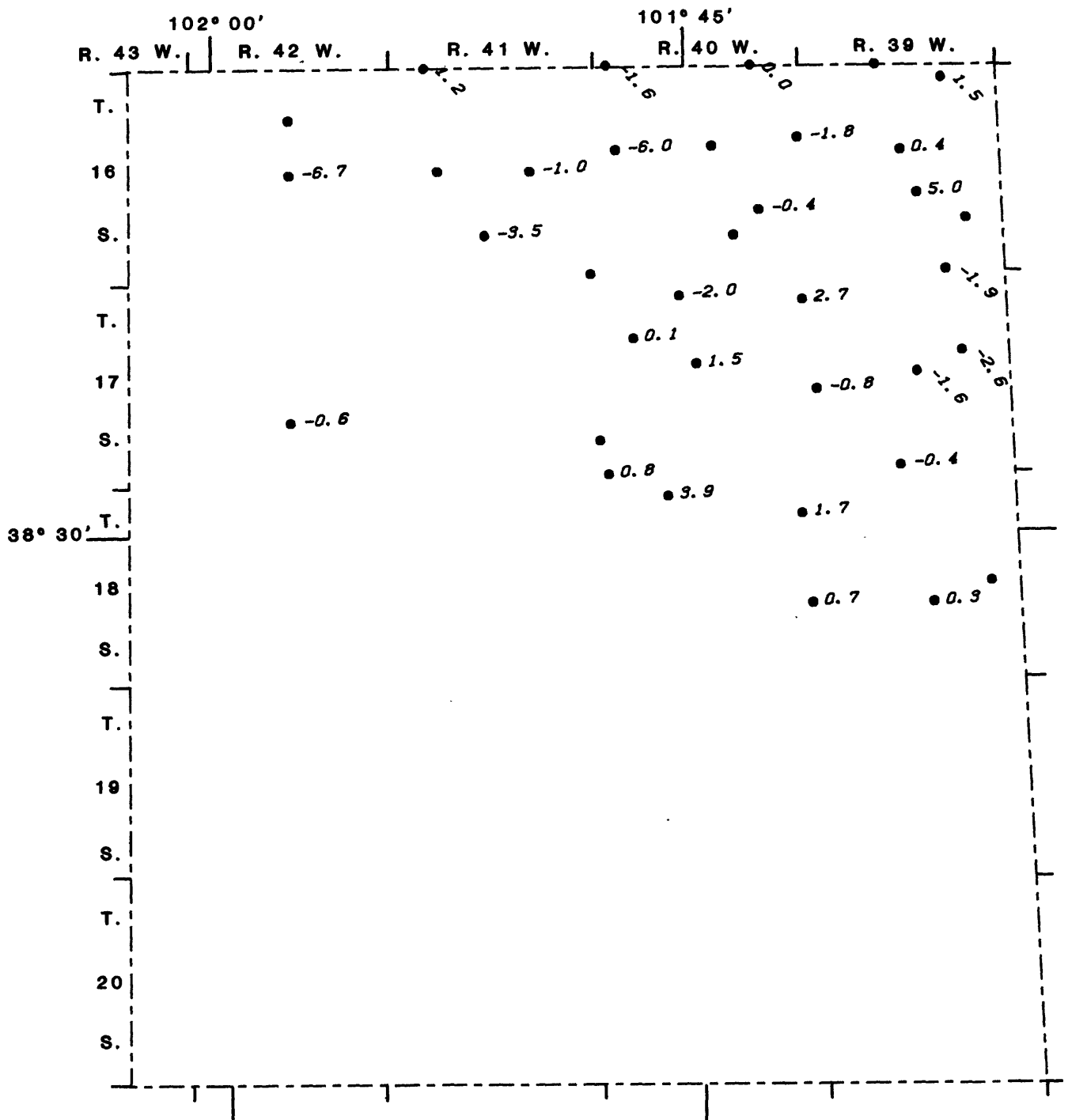
GREELEY COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		
				1950	1966	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
16S 39W 02RDC 01	T0	3520.	220	81		117.5	119.7	123.0		129.0		136.4										
16S 39W 04RAB 01	T0	3565.	220	95			142.9	133.9	134.7	137.9		141.5										
16S 39W 15CHB 01	T0	3541.	163	96			124.2	125.7	126.3	129.6		130.9										
16S 39W 18RBC 01	T0	3609.	200	118	125.0	138.6	141.8	145.0	145.7	149.3		150.2										
16S 39W 22DCB 01	T0	3529.	163	95	88.8		122.4	123.3		126.0		129.5										
16S 39W 25CBR 01	T0	3505.	167	100	93.5	115.3	113.6	116.0		104.8												
16S 40W 02ABA 01	T0	3594.	182	72	80.5	103.2	106.8	109.4	111.2	113.2		116.2										
16S 40W 06RAA 01	T0	3679.	242	104	115.7	132.4	136.5	138.8	140.6	142.8		146.2										
16S 40W 15ACC 01	T0	3650.	192	114	119.9	138.7	144.5	144.6	146.1	147.3		149.2										
16S 40W 18DBA 01	T0	3691.	217	121	126.7	146.8	150.8		160.8	159.6		164.3										
16S 40W 26ADA 01	T0	3602.	157	93			108.5	110.3	111.6	112.9		115.0										
16S 40W 35RBA 01	T0	3597.	125	76	73.0	95.4	96.5	93.9	94.3	93.2		100.2										
16S 41W 05RBR 01	T0	3745.	250	128			166.5	167.2	170.7	173.6		173.7										
16S 41W 20RAD 01	T0	3739.	234	129	131.3	153.4	149.4	150.2	151.5	151.3		166.8										
16S 41W 23RBD 01	T0	3705.	221	119			148.3	142.6	144.7	145.8		148.2										
16S 41W 33AAR 01	T0	3746.	202	156		160.0	160.7	161.4	161.8	162.5		172.0										
16S 42W 10CRC 01	T0	3820.	230	174			198.7	199.9	200.0	202.3		204.1										
16S 42W 22RCH 01	T0	3828.	237	183	198.5	194.4	195.9	197.4	197.8	199.9		205.2										
17S 39W 02RAA 01	T0	3511.	161	102				197.4	112.1	110.6		114.0										
17S 39W 06CCD 01	T0	3583.	180	134		139.7	135.4	136.3	136.4	137.3		138.0										
17S 39W 14ADD 01	T0	3503.	203	108			114.8	115.3		118.5		121.8										
17S 39W 19RBR 01	T0	3573.	182	125		129.2	129.7	129.3		130.9		131.4										
17S 39W 22ABR 01	T0	3527.	195	118	123.3	122.8	124.2	124.9	127.2	127.9		130.3										
17S 39W 34CCR 01	T0	3505.	135	95			95.4	94.5	93.7	95.5		94.4										
17S 40W 04DCR 01	T0	3646.	187	152	156.7	176.8	168.4	168.8	169.0	169.6		170.3										
17S 40W 15CCR 01	T0	3607.	209	123	127.0	133.5	135.0	136.0	136.2	137.1		138.0										
17S 40W 17RBA 01	T0	3663.	217	165			202.3	195.8	187.3	184.5		185.1										
17S 40W 31RBA 01	T0	3663.	218	151	168.1	178.4	188.1	185.8	175.4			167.5										
17S 41W 01AAD 01	T0	3670.	145	120	117.0	118.0	118.3	119.1	119.4	118.8												
17S 42W 27CBR 01	T0	3768.	61	31		38.5	39.7	40.4	38.9	39.9		38.7										
18S 39W 07RRD 01	T0	3564.	145	109		125.5	125.2	116.9	116.5	116.0		116.2										
18S 39W 19CDA 01	T0	3510.	100	70			70.4	71.8	72.3	72.6		72.0										
18S 39W 23CCR 01	T0	3485.	185	113	122.2	130.6	131.1	131.7	131.9	132.7		132.2										
18S 39W 24AAC 01	T0	3467.	183	105			139.4	138.8	137.4	138.3		136.7										
18S 40W 04CRD 01	T0	3616.	161	175	131.2	132.5	133.2	135.3	133.0	132.7		131.8										
18S 40W 06RAA 01	T0	3642.	187	123					142.4	142.4		141.3										

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

GREFLEY COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
16S 39W 02BDC 01	TO	136.4	-55		1.5	-1.7		139	84	-40
16S 39W 04RAR 01	TO	141.5	-47			-1.5		125	79	-37
16S 39W 15CBR 01	TO	130.9	-35		.4	-1.1		67	32	-52
16S 39W 18BBC 01	TO	150.2	-32	-25.2	-1.8	-1.0	-1.6	82	50	-39
16S 39W 22DCR 01	TO	179.5	-35	-40.7	5.0	-1.1	-2.5	68	34	-50
16S 39W 25CBR 01	TO									
16S 40W 02ABA 01	TO	116.2	-44	-35.7	.0	-1.4	-2.2	110	66	-40
16S 40W 06RAA 01	TO	146.2	-42	-30.5	-1.6	-1.3	-1.9	138	96	-30
16S 40W 15ACC 01	TO	149.2	-35	-29.3		-1.1	-1.8	78	43	-45
16S 40W 18DBA 01	TO	164.3	-43	-37.6	-6.0	-1.3	-2.4	96	53	-45
16S 40W 26ADA 01	TO	115.0	-22		-4	-7		64	42	-34
16S 40W 35RBA 01	TO	100.2	-24	-27.2		-8	-1.7	49	25	-49
16S 41W 05RBR 01	TO	173.7	-46		1.2	-1.4		127	76	-38
16S 41W 20RAD 01	TO	166.8	-38	-35.5		-1.2	-2.2	105	67	-36
16S 41W 23RBD 01	TO	148.2	-29		-1.0	-9		102	73	-28
16S 41W 33AAR 01	TO	172.0	-16		-3.5	-5		46	30	-35
16S 42W 10CBC 01	TO	204.1	-30			-9		56	26	-54
16S 42W 22BCR 01	TO	205.2	-22	-6.7	-6.7	-7	-4	54	32	-41
17S 39W 02RAA 01	TO	114.0	-12		-1.9	-4		59	47	-20
17S 39W 06CCD 01	TO	138.0	-4		2.7	-1		46	42	-9
17S 39W 14ADD 01	TO	121.8	-14		-2.6	-4		95	81	-15
17S 39W 19DBR 01	TO	131.4	-6		-8	-2		57	51	-11
17S 39W 22ABR 01	TO	130.3	-12	-6.9	-1.6	-4	-4	77	65	-16
17S 39W 34CCR 01	TO	94.4	1		-4	-6	-9	40	41	3
17S 40W 04DCR 01	TO	170.3	-18	-13.6	-2.0	-6		35	17	-51
17S 40W 15CCR 01	TO	138.0	-15	-11.0	1.5	-5	-7	86	71	-17
17S 40W 17RBA 01	TO	185.1	-20		.1	-6		52	32	-38
17S 40W 31BBA 01	TO	167.5	-17	.7		-5		67	51	-24
17S 41W 01AAD 01	TO									
17S 42W 27CAR 01	TO	38.7	-8		-6	-3		30	22	-27
18S 39W 07RBD 01	TO	116.2	-7		1.7	-2		36	29	-19
18S 39W 19CDA 01	TO	72.0	-2		.7	-1		30	28	-7
18S 39W 23CCR 01	TO	132.2	-19	-10.0	.3	-6	-6	72	53	-26
18S 39W 24AAC 01	TO	136.7	-32			-1.0		78	46	-41
18S 40W 04CBD 01	TO	131.8	-7	-6	3.9	-2		36	29	-19
18S 40W 06RAA 01	TO	141.3	-18		.8	-6		64	46	-28



WATER-LEVEL CHANGE IN GREELEY COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

HAMILTON COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO
					WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)	WATER (FEET)
221S 39W 07CBA 01	TN	3497.	215	196	194.0	191.0	190.3	190.4	197.6	194.3	189.6					
222S 39W 03RBR 01	TN	3453.	190		191.2	194.5	184.0	183.9	183.7	187.2	183.4					
222S 39W 08DDN 01	TN	3468.	214		178.5	177.8	177.1	177.1	176.8	182.2	176.7					
223S 39W 15ADD 01	OH,TO	3325.	144		130.1	130.2	130.3	128.8	129.4	129.6	129.6					
223S 40W 29DDR 01	KY	3397.			240.3	279.1	272.1	200.1	293.8	204.1						
223S 42W 19CBB 01	GA,OU	3330.	67	20	24.1	25.8	26.6	26.0	27.1	25.2	25.3					
223S 42W 26DCA 01	GA	3309.	70	29	23.7	28.2	28.2	29.4	29.0	27.5	27.9					
223S 42W 27DDR 01	GA	3311.	70	23	20.0	21.4	22.1	24.4	24.6	25.4	23.9					
223S 42W 34CBB 01	GA	3307.	58	13	9.6	12.7	13.8	13.2	13.3	13.0	12.6					
223S 43W 21ABA 01	GA	3364.	29	15	15.0	17.1	17.8	17.8	17.7	16.5	15.6					
223S 43W 23RCR 01	GA	3356.	68	21	20.5	22.1	22.6	23.2	26.5	22.1	21.7					
223S 43W 25CBN 02	GA	3335.	47	8	8.8	10.3	9.5	10.4	9.7	9.9	9.5					
223S 43W 26RCC 01	GA	3343.	22	7	7.1	8.3	10.2	8.5	8.6	8.3	8.5					
224S 39W 19CBC 01	GA	3175.	65	6	6.7	9.9	10.2	10.9	10.8	10.7	10.7					
224S 39W 22CCR 01	GA	3152.	42	8	11.8	13.3	15.0	14.8	14.7	15.4	11.9					
224S 39W 30RBD 01	GA	3177.	77	9	9.1	10.8	11.1	12.0	12.1	12.2	11.0					
224S 39W 30CAD 01	GA	3173.	68	6	6.8	10.6	10.4	10.7	10.8	11.3	11.4					
224S 39W 35RAC 01	GA	3143.	43	9	5.4	9.1	10.0	10.0	9.4	9.9	10.6					
224S 39W 35CBA 01	OH	3146.	97	11	11.4	15.9	16.8	16.7	16.3	16.8	17.2					
224S 40W 07CBB 01	GA	3233.	58	14	13.9	16.4	15.5	16.6	16.5	16.8	16.2					
224S 40W 17RBR 01	GA	3221.	71	13			16.6	16.8	16.7	16.9	15.7					
224S 40W 23AAR 01	GA	3204.	104	26	24.4	28.1	26.3	28.2	28.3	27.9	28.0					
224S 40W 31RBR 01	OH	3287.			63.6	64.5	63.9	64.0	64.8	65.0	65.2					
224S 41W 01DAD 01	GA,OU	3254.	27.45		14.7	26.9	27.3	21.1	18.7	20.7	22.8					
224S 42W 04AAD 01	GA	3304.	44	7	6.5	9.5	9.7	10.0	12.1	11.5	12.1					
224S 42W 28DDN 01	KY	3455.			160.0	160.7		161.7	162.8	162.6	163.8					
224S 43W 14CBB 01	KY	3452.	46	114	110.8	112.7		113.7	113.9	114.8	115.4					
225S 39W 02CAD 01	OH,TO	3156.	46	24	27.9	30.5	31.3	31.4	31.6	32.0	32.8					
225S 39W 23RDD 01	OH,TO	3286.	133		78.7	91.3		91.1	91.4	92.1	92.2					
225S 39W 34DCA 01	KY	3331.			121.9	120.9	121.2	120.8	120.4	119.4	120.7					
225S 40W 01CA 01	OH	3218.	58	46	45.8	51.3		51.8	51.8	52.2	51.1					
225S 40W 26RBR 01	KY	3412.	213		215.0	219.7	220.0	219.8	220.4	224.0	221.3					
225S 43W 03AAR 01	KY	3575.			190.5	238.7		254.4	256.3	258.1	259.6					
225S 43W 21AAR 01	KY	3522.			129.4	141.1		141.0	141.5	141.5	142.0					
225S 43W 25CCD 01	OH,TO	3490.	225	101	121.4	139.0	142.4	144.0	147.7	144.6	147.4					
226S 39W 01AAA 01	OH,TO	3259.			82.9	81.7		80.2	81.5	82.4	82.4					
226S 41W 12NCC 01	KY	3379.			186.5	204.7	207.9	214.4	214.8	214.5	216.1					
226S 41W 20RRD 01	OH,TO	3317.	247	17	20.7	29.8	35.7	29.8	30.0	31.4	32.2					
226S 41W 36CCC 01	OH,TO	3270.	231	35	29.0	40.1	45.1	42.9	44.3	45.5	49.0					
226S 42W 10RBR 02	OH,TO	3405.	245	52	77.2	99.9	106.4	103.2	102.5	105.1	105.0					

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED
HAMILTON COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO REDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
26S 42W 17CB 01	QU,TO,KJ	3458.			108.1	135.4	140.4	146.2	151.7	155.6	161.7	163.2
26S 42W 22CDB 01	QU,TO	3412.	212	77	93.1	128.1	134.2	143.0	143.7		152.2	153.5
26S 43W 25DCC 01	QU,TO,KJ	3508.			178.1	178.1	185.6	190.6	196.2	199.1	203.7	207.5

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

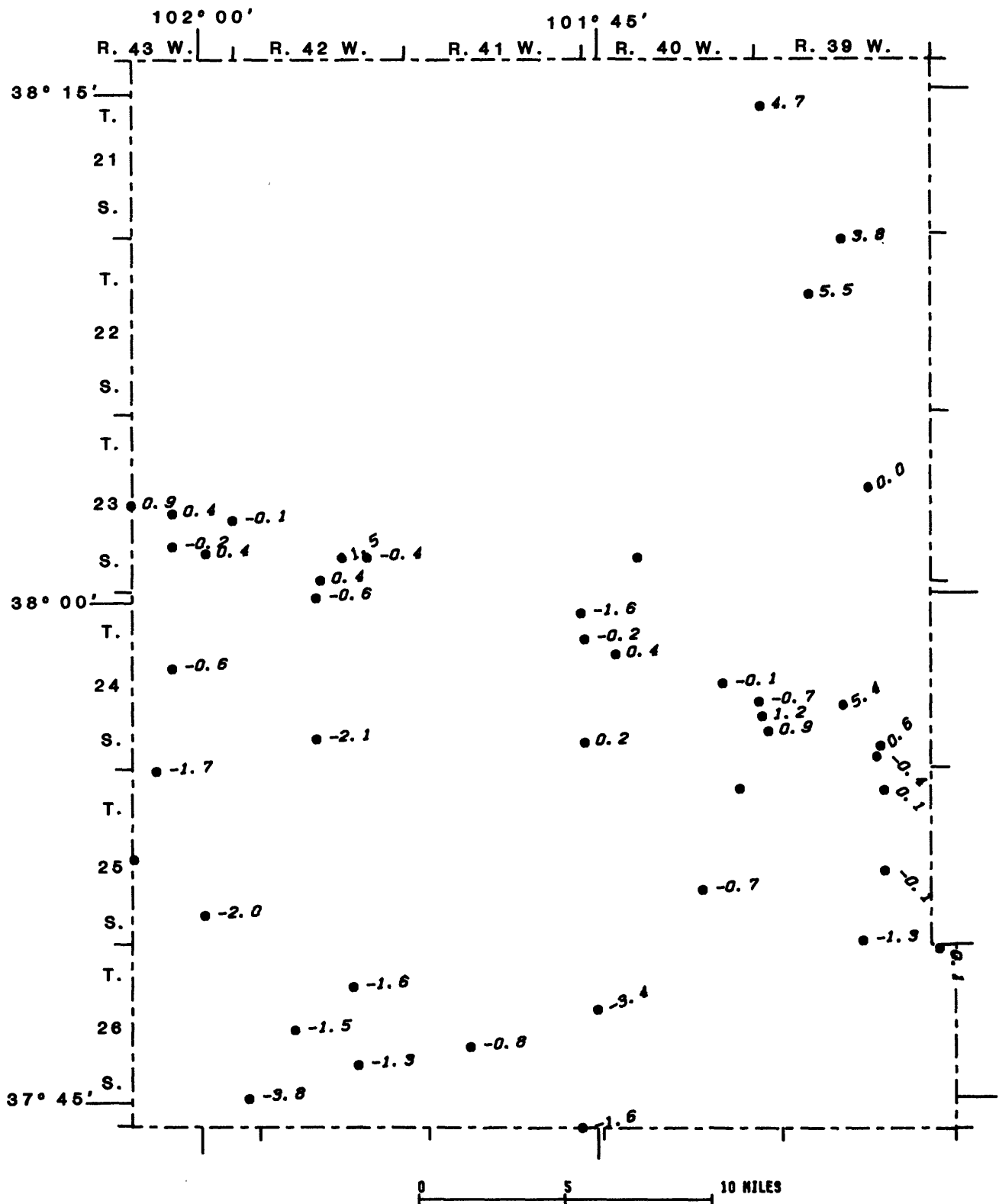
HAMILTON COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
21S 39W 07CBA 01	TO	189.6	6	4.4	4.7	.1	.3	19	25	32
22S 39W 03FBR 01	TO	183.4		7.9	3.8		.5		16	
22S 39W 08DDD 01	TO	176.7		1.8	5.5		.1		37	
23S 39W 15ADD 01	QU, TO	129.6		.5	.0				14	
23S 40W 29DDR 01	KU									
23S 42W 19CBB 01	QA, OU	25.3	-5	-1.2	-.1	-.1	-.1	47	42	-11
23S 42W 26DCA 01	OA	27.9	1	-4.1	-.4		-.3	41	42	2
23S 42W 27DDR 01	QA	23.9	-1	-3.9	1.5		-.2	47	46	-2
23S 42W 34CBB 01	OA	12.6		-2.9	.4		-.2	45	45	
23S 43W 21ABA 01	QA	15.6	-1	-.5	.9			14	13	-7
23S 43W 23RCR 01	OA	21.7	-1	-1.1	.4		-.1	47	46	-2
23S 43W 25CBD 02	OA	9.5	-2	-.7	.4			39	38	-3
23S 43W 26RCC 01	OA	8.5	-2	-1.4	-.2		-.1	15	14	-7
24S 39W 19CBC 01	OA	10.7	-5	-4.0		-.1	-.3	59	54	-8
24S 39W 22CCR 01	QA	11.9	-4	-.1	5.4	-.1		34	30	-12
24S 39W 30RBD 01	OA	11.0	-2	-1.9	1.2		-.1	68	66	-3
24S 39W 30CAD 01	QA	10.5	-5	-3.7	.9	-.1	-.2	62	58	-6
24S 39W 35RAC 01	OA	10.0	-1	-4.6	.6		-.3	34	33	-3
24S 39W 35CBA 01	QU	17.2	-6	-5.8	-.4	-.1	-.4	86	80	-7
24S 40W 07CBB 01	QA	16.2	-2	-2.3	-.2		-.1	44	42	-5
24S 40W 17RBR 01	QA	15.7	-3		.4	-.1		58	55	-5
24S 40W 23AAR 01	OA	28.0	-2	-3.6	-.1		-.2	78	76	-3
24S 40W 31RBR 01	QU	65.2		-1.6	.2		-.1			
24S 41W 01DAD 01	QA, OU	24.4		-9.6	-1.6		-.6		21	
24S 42W 04AAD 01	OA	12.1	-5	-5.6	-.6	-.1	-.4	37	32	-14
24S 42W 28DDD 01	KJ	163.8		-3.8	-2.1		-.2			
24S 43W 14CRR 01	KJ	115.4	-1	-4.5	-.6		-.3			
25S 39W 02CAD 01	QU, TO	32.8	-9	-4.9	.1	-.2	-.3	22	13	-41
25S 39W 23RDD 01	QU, TO	92.2		-13.5	-.1		-.8		41	
25S 39W 34DCA 01	KJ	170.7		1.3	-1.3		.1			
25S 40W 01CA 01	QU	51.1	-5	-5.2		-.1	-.3	12	7	-42
25S 40W 26RBR 01	KJ	221.3	-8	-6.3	-.7	-.2	-.4			
25S 43W 03ARR 01	KJ	259.6		-69.0	-1.7		-4.3			
25S 43W 21AAR 01	KJ	142.0		-12.5			-.8			
25S 43W 25CCD 01	QU, TO	147.4	-46	-26.0	-2.0	-1.1	-1.6	124	78	-37
26S 39W 01RAA 01	QU, TO	82.4		.5	.1					
26S 41W 12DCC 01	KJ	219.5		-37.9	-3.4		-2.1			
26S 41W 20RBD 01	QU, TO	32.2	-15	-11.5	-.8	-.4	-.7	225	210	-7
26S 41W 36CCC 01	QU, TO	50.6	-16	-21.6	-1.6	-.4	-1.8	196	180	-8
26S 42W 10RB 02	QU, TO	106.6	-55	-29.4	-1.6	-1.3	-1.8	193	138	-28

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

HAMILTON COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
26S 42W 17CB 01	OH, TO, KJ	163.2	-77	-55.0	-1.5	-1.8	-3.4	135	59	-56
26S 42W 22CDB 01	OH, TO	153.5		-60.4	-1.3		-3.8			
26S 43W 25DCC 01	OH, TO, KJ	207.5			-3.8					



WATER-LEVEL CHANGE IN HAMILTON COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

HASKELL COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
27S 31W 07RDA 01	QU, TO	2845.	518	92	89.0	105.3	109.6	110.9	114.0	117.1	120.3	121.0
27S 31W 21RBC 01	QU, TO	2836.	497	99	103.6	119.1	121.7	123.7		129.1	136.6	130.8
27S 31W 24RDC 01	QU, TO	2816.	366	94	97.8	115.7	121.5	124.0	128.0	131.4	139.8	143.4
27S 31W 31RCC 01	QU, TO	2895.	520	151	154.8	172.8	176.6	185.0	187.2	197.8	194.0	195.2
27S 32W 06CRB 01	QU, TO	2905.	465	107		125.2	127.9	130.7	138.3	138.6		144.3
27S 32W 13ABR 01	QU, TO	2841.	471	85		103.1		107.5	111.2	113.7	118.5	122.2
27S 32W 19CCD 01	QU, TO	2906.	456	118	130.0	145.8	150.3	153.8	154.7	168.5	176.2	171.9
27S 33W 29DAA 01	QU, TO	2995.	540	194	186.3	213.7	223.8	229.8	237.1	246.8	252.0	252.5
27S 34W 16DDO 03	QU, TO	2995.	465	136	140.0	151.1	154.7					
28S 31W 03CCD 01	QU, TO	2887.		159					203.7	206.6	210.0	214.4
28S 31W 32ABR 01	QU, TO	2905.	515	187	191.4	209.0	216.5	217.8	221.6	225.4	231.8	233.1
28S 31W 35CCR 01	QU, TO	2863.	443	156	171.9	180.4	185.8	193.3	199.9	207.3	201.7	202.8
28S 32W 18RBR 01	QU, TO	2951.	581	192	203.3	236.0	250.3	259.9	267.9	276.7	285.7	
28S 32W 24RCC 01	QU, TO	2910.	549	175	181.5	199.8	205.7	207.6	210.9	215.8	215.4	218.1
28S 32W 35RBA 01	QU, TO	2912.	567	182	186.7	206.0	214.0	215.1	220.4	225.1	230.7	234.6
28S 33W 21RCR 01	QU, TO	2973.			228.8					302.1		326.1
28S 33W 24RBC 01	QU, TO	2944.	594	195			270.2	274.7	281.0	288.3	293.9	
28S 34W 13RBB 01	QU, TO	3022.	547	247	260.8	302.5	309.0	316.4	323.9	331.2	338.1	345.7
28S 34W 15DAB 01	QU, TO	3020.	570	243	263.0		290.8	312.2	319.6	327.8		338.4
28S 34W 32ADD 01	QU, TO	3013.	553	219	239.4	277.5	284.5	292.4	302.3	306.5		316.9
29S 31W 09CB 01	QU, TO	2871.	466	166	169.4	184.2	189.2	195.9	202.5	201.7	201.3	202.7
29S 31W 14RCA 01	QU, TO	285R.	468	168	172.7	190.4	195.8	198.0	202.3	205.1	207.5	
29S 32W 04RCC 01	QU, TO	2916.	571	184	198.0	222.2	223.9	225.6	231.3	230.2	232.9	239.1
29S 32W 16DAA 01	QU, TO	2915.	545	199	213.0	224.6	228.1	248.0	253.5	257.0	241.5	241.3
29S 32W 19CCR 01	QU, TO	2923.	598	208	218.2	244.7	251.6	257.2	259.3	264.8		277.7
29S 32W 26RBR 01	QU, TO	2917.	552	205					236.3	237.8	238.9	237.8
29S 32W 26CRB 02	QU, TO	2895.		191	204.1	228.1	232.7	236.3	239.3	248.1	245.9	246.1
29S 33W 01AAR 01	QU, TO	2946.	601	213	226.3	271.2	276.0	293.1	299.8	309.3		319.8
29S 33W 05ACA 01	QU, TO	2963.	588	210	222.9	264.7	272.7	282.4	290.1	293.3	299.4	306.4
29S 33W 11RBC 01	QU, TO	2953.	608	222		275.4	280.4	299.1	318.7	319.9	312.7	318.5
29S 33W 28RCR 01	QU, TO	2963.	558	212		260.6	268.2	270.5	279.4	288.4	285.3	291.5
29S 34W 02ABR 01	QU, TO	2971.	541	191	209.5	249.4	257.0	263.0	272.1	276.8	284.2	290.4
29S 34W 09CRB 01	QU, TO	3001.	549	208	228.3	264.3	271.6	277.8	284.8	289.6	297.5	303.6
29S 34W 24RCC 01	QU, TO	2963.	548	193	198.5	241.5	245.6	264.0	272.2	277.2	282.2	284.0
29S 34W 28CCD 01	QU, TO	2993.	538	212	222.5	250.7	258.7		268.6	272.6		
29S 34W 36CRB 01	QU, TO	2976.	556	213		259.6	267.4	272.1	282.2	280.9	280.5	283.1
30S 31W 06RBR 01	QU, TO	2879.	527	186	196.4	210.4	214.4	222.2	228.5	224.0	227.0	231.8
30S 31W 24ABR 01	QU, TO	2831.	543	165	167.2		183.5	190.9	197.3		201.0	205.9
30S 31W 33RBR 01	QU, TO	2835.	495	162		192.9	200.3	203.8	207.1	214.0	214.8	216.7
30S 32W 11RBR 01	QU, TO	2885.	560	188	202.4	223.5	227.7	237.5	243.6	245.9	248.1	250.9

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

HASKELL COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
30S 32W 17RCC 01	QU, TO	2910.	558	200	211.6	238.4	244.2	251.4	259.3	262.5	268.3	270.4
30S 32W 22RBR 01	QU, TO	2876.	512	176	192.3	210.6	214.6	217.1	225.7	232.5	239.7	244.8
30S 32W 31RAR 01	QU, TO	2906.	466	194	202.0	222.2	227.9	233.0	246.0	256.8	259.8	268.5
30S 33W 06DRD 01	QU, TO	2986.	596	233	241.4	266.3	274.0	276.0	284.9	292.0	293.4	303.9
30S 33W 30CRD 01	QU, TO	2963.	513	215	219.7	235.1	238.9	239.7	245.6	239.1	240.5	249.6
30S 34W 05RBR 01	QU, TO	3006.	531	223	232.7	260.3	265.3	270.2	275.5	288.7	295.3	307.2
30S 34W 16RBR 01	QU, TO	2983.	508	207	210.5		235.8	239.3	247.8	254.3	260.3	265.7
30S 34W 30ADD 02		2843.		63							91.2	

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

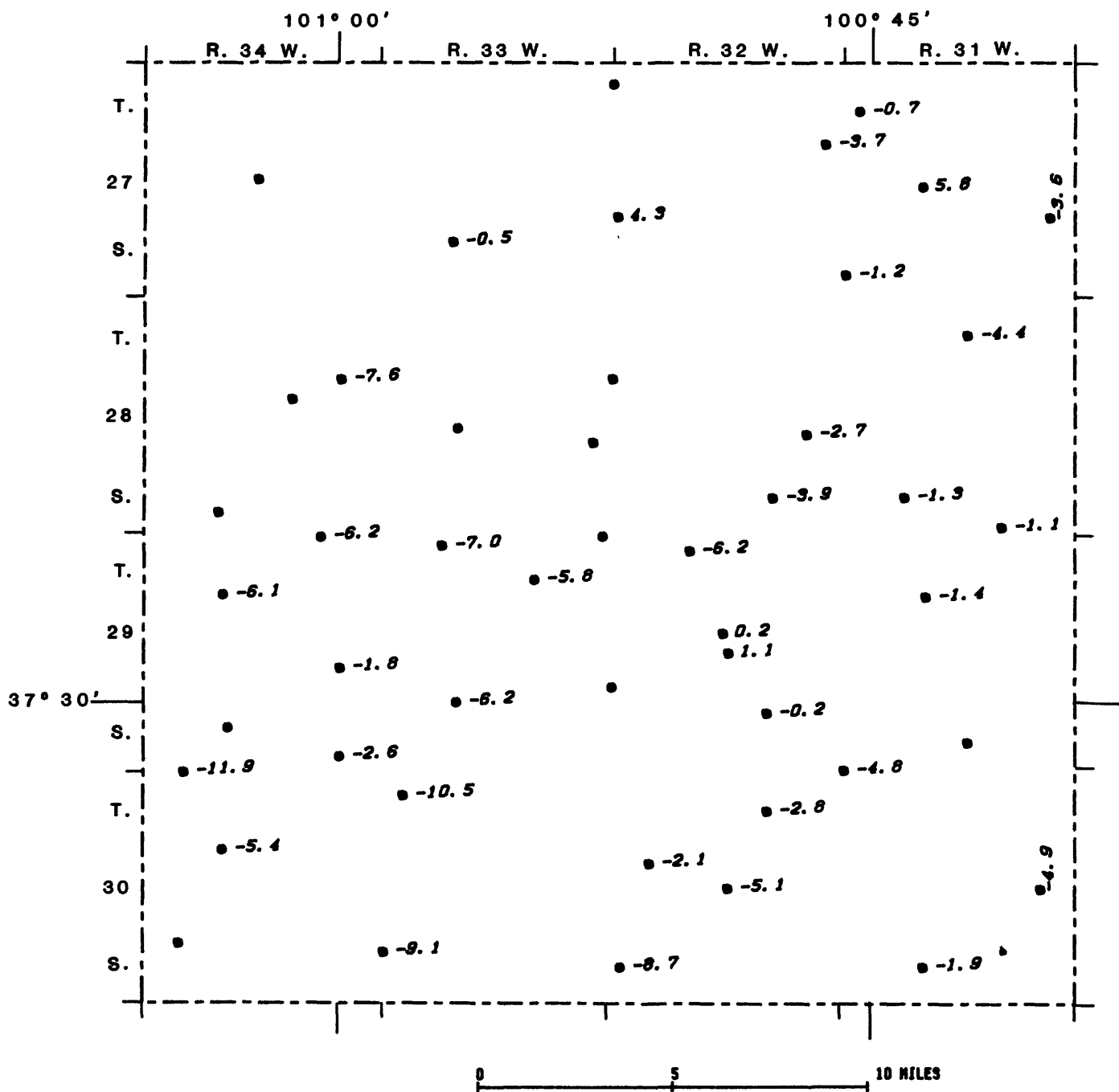
HASKELL COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
27S 31W 07RDA 01	QU, TO	121.0	-29	-32.0	-7	-2.0	426	397	-7
27S 31W 21RBC 01	QU, TO	130.8	-32	-27.1	5.8	-1.7	398	366	-8
27S 31W 24CDC 01	QU, TO	143.4	-49	-45.6	-3.6	-2.9	272	223	-18
27S 31W 31RCC 01	QU, TO	195.2	-44	-40.4	-1.2	-2.5	369	325	-12
27S 32W 06CBB 01	QU, TO	144.3	-37		-9		358	321	-10
27S 32W 13ABR 01	QU, TO	122.2	-37		-9		386	349	-10
27S 32W 19CCD 01	QU, TO	171.9	-54	-41.9	-1.3	-2.6	338	284	-16
27S 33W 29DAA 01	QU, TO	252.5	-59	-66.2	-5	-4.1	346	288	-17
27S 34W 16DDO 03	QU, TO		-55		-4.4				
28S 31W 03CCD 01		214.4							
28S 31W 32ABR 01	QU, TO	233.1	-46	-41.7	-1.3	-2.6	328	282	-14
28S 31W 35CCR 01	QU, TO	202.8	-47	-30.9	-1.1	-1.9	287	240	-16
28S 32W 18RBR 01	QU, TO								
28S 32W 24RCC 01	QU, TO	218.1	-43	-36.5	-2.7	-2.3	374	331	-11
28S 32W 35RBA 01	QU, TO	234.6	-53	-47.9	-3.9	-3.0	380	327	-14
28S 33W 21RCR 01		326.1		-97.3		-6.1			
28S 33W 24RBC 01	QU, TO		-99	-84.9	-7.6	-5.3	300	201	-33
28S 34W 13RBR 01	QU, TO	345.7	-95	-75.4	-2.3	-4.7	327	232	-29
28S 34W 15DAR 01	QU, TO	338.4	-98	-77.5	-2.3	-4.8	334	236	-29
28S 34W 32ADD 01	QU, TO	316.9							
29S 31W 09CB 01	QU, TO	202.7	-37	-33.2	-1.4	-2.1	300	263	-12
29S 31W 34RCA 01	QU, TO		-55	-41.1	-6.2	-2.6	387	332	-14
29S 32W 04RCC 01	QU, TO	239.1	-42	-28.3	2	-1.8	346	304	-12
29S 32W 16DAA 01	QU, TO	241.3	-70	-59.5	-1.7	-3.7	390	320	-18
29S 32W 19CCD 01	QU, TO	277.7							
29S 32W 22RBR 01	QU, TO	237.8	-33		1.1	-2.6	347	314	-10
29S 32W 26CBB 02	QU, TO	246.1	-55	-42.0	-2	-5.8			
29S 33W 01AAR 01	QU, TO	319.8	-107	-93.5	-2.5	-5.2	388	281	-28
29S 33W 05ACA 01	QU, TO	306.4	-96	-83.5	-7.0	-5.2	378	282	-25
29S 33W 11RBC 01	QU, TO	318.5	-97		-5.8		386	290	-25
29S 33W 28RBR 01	QU, TO		-80						
29S 34W 02ABR 01	QU, TO	291.5	-80	-80.8	-6.2	-5.1	346	267	-23
29S 34W 09CBB 01	QU, TO	290.4	-99	-75.2	-6.2	-4.7	350	251	-28
29S 34W 24RCC 01	QU, TO	303.6	-96	-85.5	-6.1	-5.3	341	245	-28
29S 34W 28CCD 01	QU, TO	284.0	-91		-1.8		355	264	-26
29S 34W 28CCD 01	QU, TO								
29S 34W 36CRC 01	QU, TO	283.1	-70		-2.6		343	273	-20
30S 31W 06ARR 01	QU, TO	231.8	-46	-35.3	-4.8	-2.2	341	295	-13
30S 31W 24RBR 01	QU, TO	205.9	-41	-38.7	-4.9	-2.4	378	337	-11
30S 31W 33RBR 01	QU, TO	216.7	-55		-1.9		333	278	-17
30S 32W 11RBR 01	QU, TO	250.9	-63	-48.5	-2.8	-3.0	372	309	-17

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

HASKELL COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
30S 32W 17RCC 01	QU, TO	270.4	-70	-58.7	-2.1	-1.7	-3.7	358	288	-20
30S 32W 22BBR 01	QU, TO	244.8	-69	-57.4	-5.1	-1.6	-3.3	336	267	-21
30S 32W 31RAR 01	QU, TO	268.5	-75	-66.5	-8.7	-1.8	-4.2	272	198	-27
30S 33W 06RBD 01	QU, TO	303.9	-71	-62.5	-10.5	-1.7	-3.9	363	292	-20
30S 33W 30CRD 01	QU, TO	249.6	-35	-29.8	-9.1	-.8	-1.9	298	263	-12
30S 34W 05BBR 01	QU, TO	307.2	-84	-74.4	-11.9	-2.0	-4.7	308	224	-27
30S 34W 16BBR 01	QU, TO	265.7	-59	-55.1	-5.4	-1.4	-3.4	301	242	-20
30S 34W 30ADD 02										



WATER-LEVEL CHANGE IN HASKELL COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

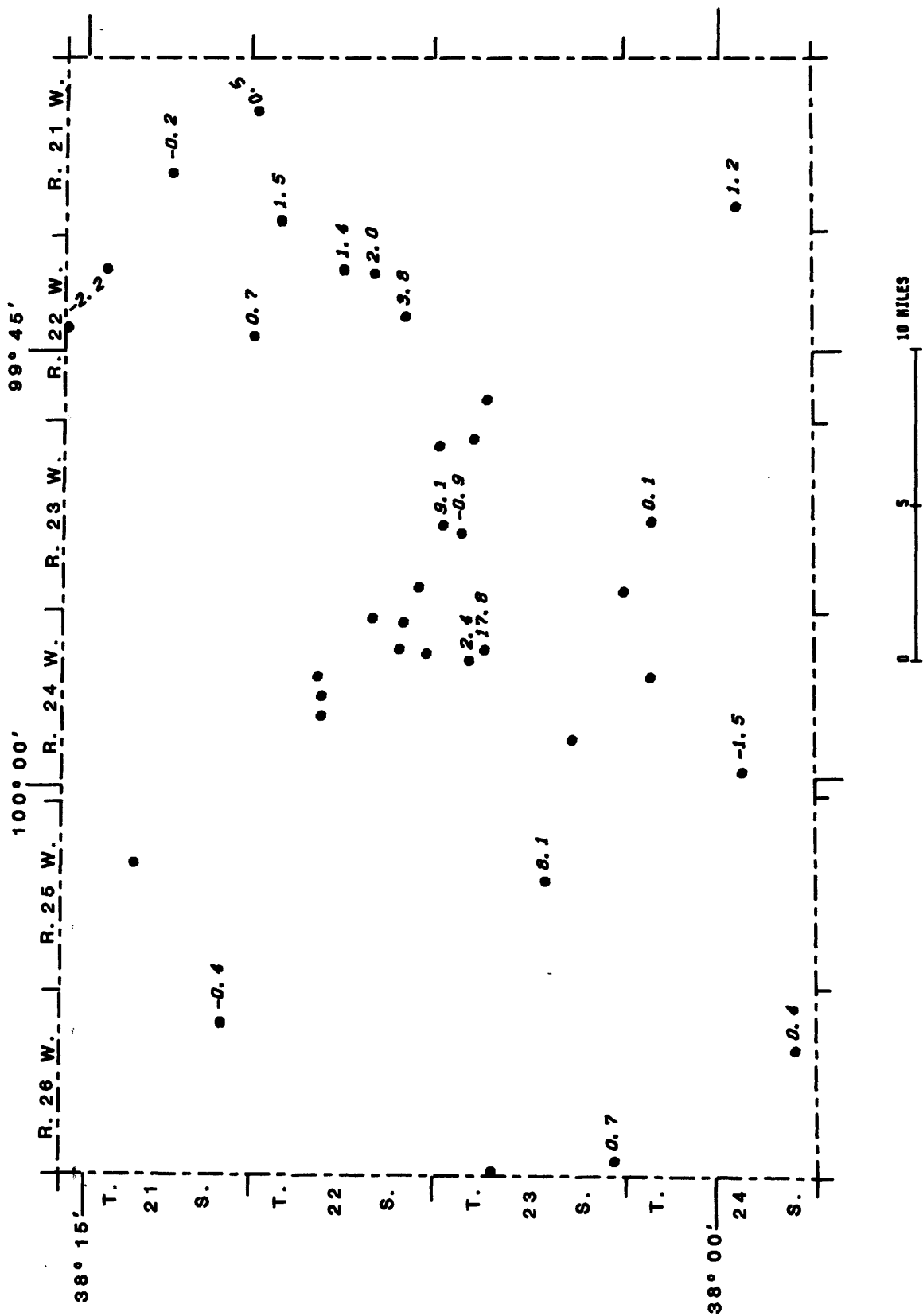
HODGEMAN COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO REDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1940 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)
21S 21W 21RCC 01	QA	2134.	72	32				44.5	45.6	45.9	46.4	46.6					
21S 22W 03RBA 01	QA	2170.	80	30				40.6	42.1	40.3	41.4	43.6					
21S 22W 12RCR 01	QA	2156.			35.5	46.2	48.6										
21S 25W 14RCR 01	QA	2309.	79					32.0	33.3	30.8		33.8					
21S 26W 35AAC 01	QA	2378.	78					40.1	38.4	36.0	36.3	36.7					
22S 21W 02RRC 01	QA	2122.	105	32				41.3	42.9	44.1	42.1	41.6					
22S 21W 06RCC 01	QA	2138.	88	24				32.3	34.1	31.0	32.6	31.1					
22S 22W 04AAA 01	QA	2201.	111	32				24.2	24.9	22.8	22.6	21.9					
22S 22W 13CCC 01	QA	2152.			24.0	32.9	32.6	32.1	33.5	28.5	29.7	28.3					
22S 22W 23DDD 01	QA	2159.	84	27				28.5	29.7	24.9	26.2	24.2					
22S 22W 27DCC 01	QA	2167.	58	27				30.8	32.9	27.9	28.8	25.0					
22S 23W 31ADD 01		2340.				152.5		157.8	167.1	163.8		143.5					
22S 24W 14RBC 01		2460.				281.3			303.7	286.9		276.7					
22S 24W 15RDA 01		2463.				281.7		329.4	304.2			278.0					
22S 24W 16ADR 02		2465.				277.7	311.4	307.4	301.2			271.7					
22S 24W 24DDD 01		2360.				180.4	199.6	190.9	198.8	180.8		170.2					
22S 24W 25DDC 01		2332.				154.6	160.1	161.6	172.2	154.6		145.9					
22S 24W 26DDA 01		2365.				167.8	168.5	159.5		159.0		159.6					
22S 24W 35DAC 01		2312.				136.9	153.7	144.8	155.9	137.4		176.4					
23S 22W 07DAA 01		2239.				91.3	96.3	97.1	89.8	94.1		83.0					
23S 23W 01RAA 01	QA	2205.	75	23				38.4		33.8	33.5						
23S 23W 04AAD 01		2235.				42.9	44.0	44.4	49.6	36.5	43.0	33.9					
23S 23W 04DCA 01		2736.				45.0	52.2	46.9	55.2	42.1	35.0	35.9					
23S 23W 12ABD 01	QA	2256.	56			107.4	94.4		96.5			96.7					
23S 24W 11ABR 01		2281.						24.9	26.2	21.2	22.1	19.7					
23S 24W 11DAA 01		2335.				157.2	177.5	164.8	176.1	170.7	163.2	145.4					
23S 24W 28RCC 01		2481.				222.4	226.4	232.3									
23S 25W 22DBR 01		2522.				272.3	276.3	270.8	280.4		275.6	267.5					
23S 26W 07CCC 01		2612.					330.2	320.2		315.3	327.7						
23S 26W 31CDD 01	TO	2621.	122	71				68.1	71.6	71.4	71.3	70.6					
24S 21W 20CBA 01		2348.						79.2	79.0	78.3	78.8	77.6					
24S 23W 03CCC 01	TO	2422.	90					57.1	58.5	58.6	56.2	56.1					
24S 23W 06AAR 01		2457.				243.4	228.7	229.0	226.4	219.9		220.6					
24S 24W 02CCC 01	TO	2478.	90					51.5	52.5	53.0		54.6					
24S 24W 20CCC 01	TO	2511.	86					65.0	64.9	64.2	64.3	65.8					
24S 26W 35CBC 01	TO	2608.		63		64.5	63.2	63.4	63.5		62.8	62.4					

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

HODGEMAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
21S 21W 21RCC 01	QA	46.6	-15		-2.2	-0.4		40	25	-38
21S 22W 03RBA 01	QA	43.6	-14		-2.2	-0.3		50	36	-28
21S 22W 12RCR 01	QA	50.2		-14.7			-0.9			
21S 25W 14RCR 01	QA	33.8							45	
21S 26W 35AAC 01	QA	36.7			-0.4				41	
22S 21W 02RBC 01	QA	41.6	-10		.5	-0.2		73	63	-14
22S 21W 06DCC 01	QA	31.1	-7		1.5	-0.2		64	57	-11
22S 22W 04AAA 01	QA	21.9	10		.7	.2		79	89	13
22S 22W 13CCC 01	QA	28.3		-4.2	1.4		-0.3			
22S 22W 23DDD 01	QA	24.2	3		2.0	.1		57	60	5
22S 22W 27DCC 01	QA	25.0	2		3.8			31	33	6
22S 23W 31ADD 01		143.5								
22S 24W 14RBC 01		276.7								
22S 24W 15RDA 01		278.0								
22S 24W 16ADR 02		271.7								
22S 24W 24DDD 01		170.2								
22S 24W 25DDC 01		145.9								
22S 24W 26DDA 01		159.6								
22S 24W 35DAC 01		126.4								
23S 22W 07DAA 01		83.0								
23S 23W 01BAA 01	QA				9.1					
23S 23W 04AAD 01		33.9			-0.9					
23S 23W 04DCA 01		35.9								
23S 23W 12ABD 01		96.7							36	
23S 24W 11ABR 01	QA	19.7			2.4					
23S 24W 11DAA 01		145.4			17.8					
23S 24W 28RCC 01		267.5			8.1					
23S 25W 22DBR 01		70.6			.7			51	51	
23S 26W 07CCC 01										
23S 26W 31CDD 01	TN									
24S 21W 20CRR 01		77.6			1.2					
24S 23W 03CCC 01	TN	56.1			.1				34	
24S 23W 06AAR 01		220.6								
24S 24W 02CCC 01	TN	54.6			-1.5				35	
24S 24W 20CCC 01	TN	65.8							20	
24S 26W 35CRC 01	TN	62.4	1		.4					



WATER-LEVEL CHANGE IN HODGEMAN COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

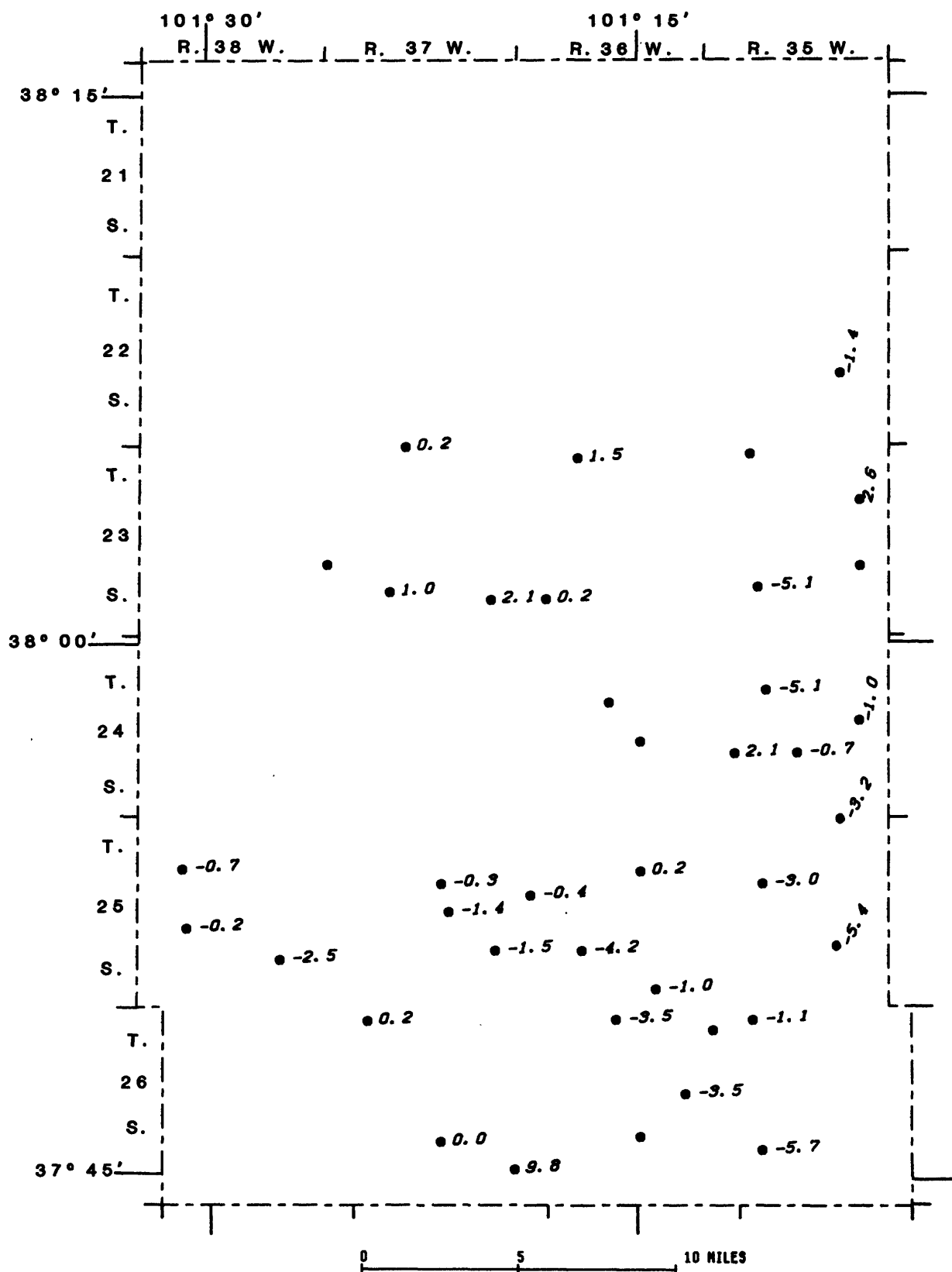
KEARNY COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
22S 35W 23CDD 01	TO	3025.	175	95	107.6	122.7	123.0		124.6	125.4	126.0	127.4
23S 35W 05ACC 01	TO	3096.	180	118	122.7	136.9	142.7	144.8	148.9	149.6	149.1	
23S 35W 12CCC 01	QU, TO	3009.	369	67	79.1	112.8	128.8	134.0	140.2	150.7	159.4	156.8
23S 35W 25ARR 02	QU, TO	3005.	385	46	59.1	86.1	99.0	103.6	112.4	119.4		178.0
23S 35W 29DAC 02	QU, TO	3023.	335	33	42.4	51.5	57.9	62.7	69.5	70.5	74.0	79.1
23S 36W 04CBR 01	TO	3183.	198	142	132.9	140.4	141.1	141.2	142.6	142.6	143.7	142.2
23S 36W 32RRR 01	TO	3234.	305	189	218.0	233.3	236.3	236.5	236.9	237.6	236.8	236.6
23S 37W 04ABC 01	TO	3281.	233	183					188.6	188.7	189.0	188.8
23S 37W 19CCC 01	TO	3326.	294	223	232.9	248.7	254.2	255.6	259.6	258.4		256.7
23S 37W 28CCR 01	TO	3303.	300	218	236.9	255.0	255.8	259.5	259.6	260.5	257.9	256.9
23S 37W 36RAR 01	TO	3263.	310	205	229.7	246.3	252.4	255.9	257.1	251.8	252.8	250.7
24S 35W 09CCC 01	QU, TO	2998.	358	30	31.0	40.3	43.6	48.0	49.5	54.2	50.6	55.7
24S 35W 13CCC 02	QA	2941.	346	12	8.2	16.3	18.7	19.4	21.2	23.6	22.7	23.7
24S 35W 20CCC 02	QA	2973.	328	15	9.6	18.3	20.5	22.3	24.0	27.0	28.7	26.6
24S 35W 22CCC 02	QA	2962.	337	22	7.1	16.6	19.2	21.7	25.1	27.4	26.8	27.5
24S 36W 15RCR 01	QU, TO	3074.	190	66	75.1	94.7	97.8	102.8	103.9	106.6	107.7	
24S 36W 23CBR 02	QU, TO	3014.	310	26	24.8	32.3	34.6	39.0	38.1	40.6		40.5
25S 36W 02RAA 01	QU, TO	2990.	400	52		75.2	78.6	81.8	86.1	89.5	91.1	94.3
25S 35W 17AAA 01	QU, TO	2995.	405	37		59.7	65.3	69.7	75.9	80.9	81.5	84.5
25S 35W 26RAR 01	QU, TO	3005.	450	70		77.8	84.9	85.7	94.5	100.3	103.8	109.2
25S 36W 11CBC 01	QA	3005.	355	15	13.3	20.6	23.2	25.0	27.4	29.7	30.2	30.0
25S 36W 18ACC 01	TO	3033.	233	19	15.5	24.6	26.3	29.0	31.8	35.0	30.5	30.9
25S 36W 28RBD 01	QU, TO	3050.	362	51	56.9	62.2	71.6	66.1	68.6	73.4	86.0	90.2
25S 36W 35ACC 01	QU	3025.	366	51		70.3	73.7	76.3	80.0	83.8	87.9	88.9
25S 37W 15ARA 02	QA	3050.	30	5		11.3	12.5	12.0	12.3	13.5	9.6	9.9
25S 37W 15DDN 01	QA	3051.	66	12	12.9	15.7	16.1	16.8	16.7	17.8	13.9	15.3
25S 37W 25RAN 02	QU, TO, KU	3056.			38.1	52.4	53.6	56.6	59.0	61.5	63.4	64.9
25S 38W 08CAA 01	QU, TO, KU	3140.			37.5	41.4	44.8	42.4	42.7	43.2	43.7	44.4
25S 38W 20ACC 01	QU, TO, KU	3175.			63.2	69.8	68.2	69.2	69.2	69.3	70.5	70.7
25S 38W 26ACC 01	QU, TO	3145.	145	63	65.4	69.8	70.5	71.2	71.7	72.8	77.4	79.9
26S 35W 06ADA 01	QU	3008.	418	58	60.7	72.7	80.4	79.6	81.0		89.9	91.0
26S 35W 29RBD 01		3045.		113							157.9	163.6
26S 36W 01RRR 01	QU	3010.	400	48		65.4	70.5	71.6	69.9	78.2	82.5	
26S 36W 04RDA 01	QU	3034.	354	52	55.8	67.2	69.7	71.6	74.1		79.9	83.4
26S 36W 14ACD 01	QU	3013.	363	55	50.2	50.0	62.9	65.8	68.8	74.0	80.4	83.9
26S 36W 22CCA 01		3040.										160.7
26S 37W 06ACR 01	QU, TO	3092.	102		26.1	28.1	27.7	29.3	29.7	35.3	30.5	30.3
26S 37W 21DDN 01	QU, TO	3056.	319	41	57.8	72.1	77.1	78.7	80.9	83.5	96.8	96.8
26S 37W 25CDR 01	QU	3082.	372	92	105.0			134.0	135.5	139.1	143.4	133.6

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

KEARNY COUNTY--CONTINUED

WELL NUMER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
22S 35W 23CDD 01	TU	127.4	-32	-19.8	-1.4	-0.8	-1.2	80	48	-40
23S 35W 05ACC 01	TU									
23S 35W 12CCC 01	QU, TU	156.8	-90	-77.7	2.6	-2.1	-4.9	302	212	-30
23S 35W 25RBR 02	QU, TU	128.0	-82	-68.9		-2.0	-4.3	339	257	-24
23S 35W 29DAC 02	QU, TU	79.1	-46	-36.7	-5.1	-1.1	-2.3	302	256	-15
23S 36W 04CBR 01	TU	142.2		-9.3	1.5		-0.6	56	56	
23S 36W 32RBR 01	TU	236.6	-48	-18.5	.2	-1.1	-1.2	116	68	-41
23S 37W 04ABC 01	TU	188.8	-6					50	44	-12
23S 37W 19CCC 01	TU	256.7	-34	-23.8		-0.8	-1.5	71	37	-48
23S 37W 28CCR 01	TU	256.9	-39	-19.9	1.0	-0.9	-1.2	82	43	-48
23S 37W 36RAR 01	TU	250.7	-46	-21.0	2.1	-1.1	-1.3	105	59	-44
24S 35W 09CCC 01	QU, TU	55.7	-26	-24.7	-5.1	-0.6	-1.5	328	302	-8
24S 35W 13CCC 02	QA	23.7	-12	-15.4	-1.0	-0.3	-1.0	334	322	-4
24S 35W 20CCC 02	QA	26.6	-12	-16.9	2.1	-0.3	-1.1	313	301	-4
24S 35W 22CCC 02	QA	27.5	-6	-20.3	-0.7	-0.1	-1.3	315	310	-2
24S 36W 15RCR 01	QU, TU									
24S 36W 23CBR 02	QU, TU	40.5	-15	-15.6		-0.4	-1.0	284	270	-5
25S 35W 02RAA 01	QU, TU	94.3	-42		-3.2	-1.0		348	306	-12
25S 35W 17AAA 01	QU, TU	84.5	-48		-3.0	-1.1		368	321	-13
25S 35W 26RAR 01	QU, TU	109.2	-39		-5.4	-0.9		380	341	-10
25S 36W 11CBC 01	QA	30.0	-15	-16.7	.2	-0.4	-1.0	340	325	-4
25S 36W 18ACC 01	TU	30.9	-12	-15.4	-0.4	-0.3	-1.0	214	202	-6
25S 36W 28RBD 01	QU, TU	90.2	-39		-4.2	-0.9		311	272	-13
25S 36W 35ACC 01	QU	88.9	-38	-32.0	-1.0	-0.9	-2.0	315	277	-12
25S 37W 15ABA 02	QA	9.9	-5		-0.3	-0.1		25	20	-20
25S 37W 15DDO 01	QA	15.3	-3	-2.3	-1.4	-0.1	-0.1	54	51	-6
25S 37W 25RAD 02	QU, TU, KJ	64.9		-26.8	-1.5	-1.7	-1.7			
25S 38W 08CAA 01	QU, TU, KJ	44.4		-6.8	-0.7	-0.4	-0.4			
25S 38W 20ACC 01	QU, TU, KJ	70.7		-7.4	-0.2		-0.5			
25S 38W 26ACC 01	QU, TU	79.9	-17	-14.5	-2.5	-0.4	-0.9	82	65	-21
26S 35W 06ADA 01	QU	91.0	-33	-30.3	-1.1	-0.8	-1.9	360	327	-9
26S 35W 29RBD 01		163.6	-51		-5.7	-1.2				
26S 36W 01DBR 01	QU									
26S 36W 04RDA 01	QU	83.4	-31	-27.5	-3.5	-0.7	-1.7	302	271	-10
26S 36W 14ACD 01	QU	83.9	-29	-31.7	-3.5	-0.7	-2.1	308	279	-9
26S 36W 22CCA 01		160.7								
26S 37W 06ACR 01	QU, TU	30.3		-4.2	.2		-0.3		72	
26S 37W 21DUN 01	QU, TU	96.8	-56	-38.9	.0	-1.3	-2.4	278	222	-20
26S 37W 25CDR 01	QU	133.6	-42	-28.6	9.8	-1.0	-1.8	280	238	-15



WATER-LEVEL CHANGE IN KEARNY COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

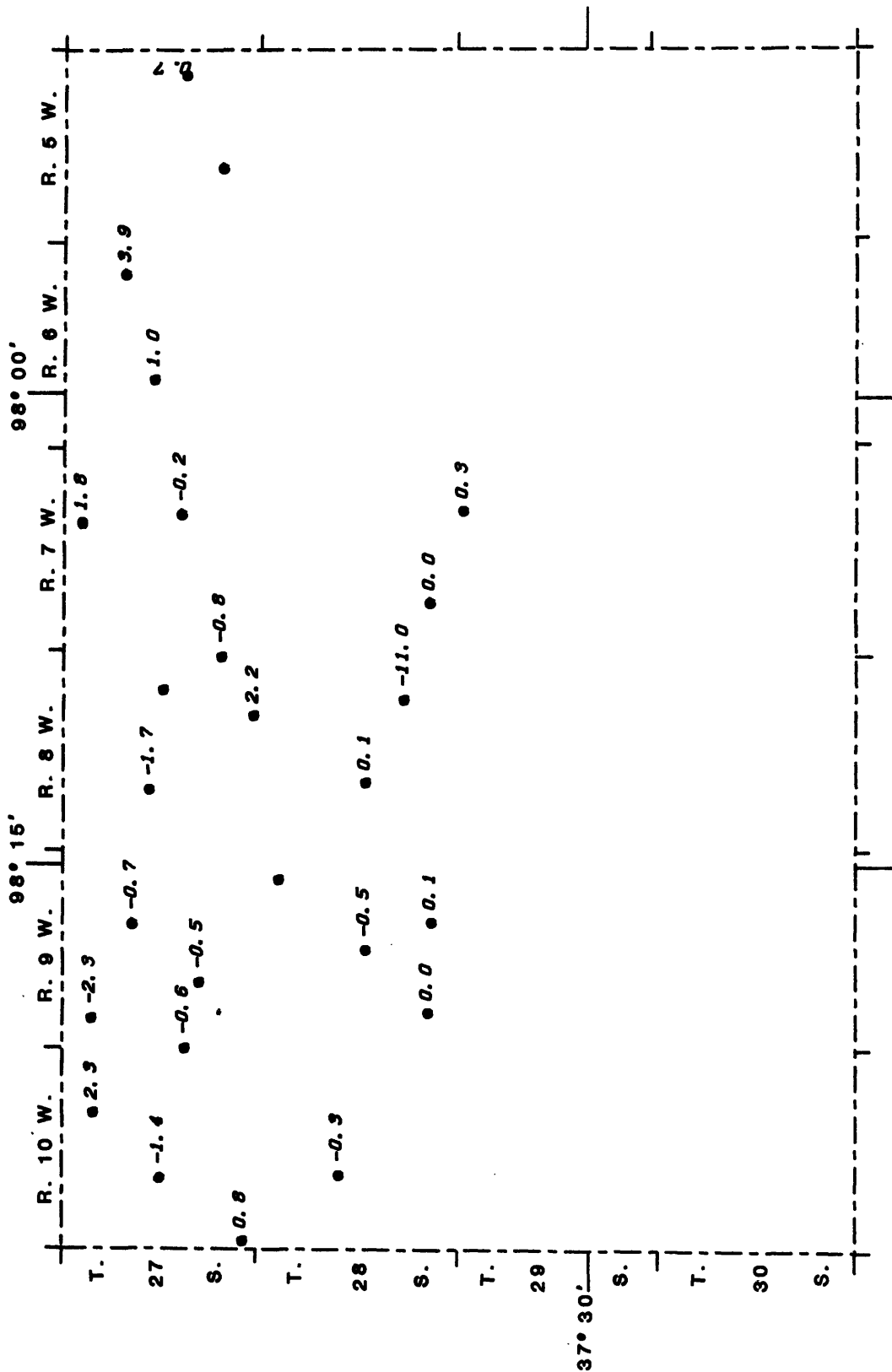
KINGMAN COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER					DEPTH TO WATER					DEPTH TO WATER				
				1944 (FEET)	1974 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)	1988 (FEET)
27S 05W 24CDC 01	QU	1477.		14	12.6				17.1	16.7	17.1	16.4						
27S 05W 33ABR 02	QU	1460.		25	4.0				8.9	4.2		6.8						
27S 06W 12CCD 01	QU	1488.		7	6.6				11.4	6.2	13.5	9.6						
27S 06W 16CCR 01		1462.		1	.9				3.3	1.9	3.9	2.9						
27S 07W 03ADC 01	QU	1545.		20	8.2				10.5	8.9	12.8	11.0						
27S 07W 23RCC 01	QU	1567.	14		7.3				8.9	7.9	8.4	8.6						
27S 08W 14DDC 01	QU	1610.		2	.6				1.5	1.7								
27S 08W 17DAB 01	QU	1665.		45	34.4				35.5	35.4	35.5	37.2						
27S 08W 25DAD 01		1622.		32	20.4				22.7	21.4	23.9	21.3						
27S 08W 35CHC 01	QU	1610.										21.7						
27S 09W 06DDR 01	QU	1727.		37	51.5					51.9	45.1	47.4						
27S 09W 15ABA 01	QU	1702.		50	49.8				49.3	48.6	48.4	49.1						
27S 09W 29AAA 01		1700.		30							23.3	23.8						
27S 10W 03DDN 01	QU	1743.		33	51.0	51.4	51.2		51.0	50.0	53.2	50.9						
27S 10W 17DDN 01	QU	1755.	171	77	61.9				61.9	61.7	61.3	62.7						
27S 10W 24DAD 01	QU	1692.		20	16.0					18.0	15.3	15.9						
27S 10W 31RCD 01	QU	1708.		18	23.1				25.7	24.7	25.8	25.2						
28S 07W 29CCD 01	QU	1601.		30	26.6	27.2	27.7		27.5	27.2	27.3	27.3						
28S 07W 35CCD 01	QU	1585.		23	21.9				22.7	20.0	22.2	21.9						
28S 08W 21RBR 01	QU	1562.	49	1	2.3				2.8	2.3	2.6	2.5						
28S 08W 26ABC 01	QU	1652.		77	63.2				62.3	61.9	65.1	76.1						
28S 09W 01RCC 01		1580.		15	7.5				8.4	7.2		7.4						
28S 09W 21AAA 01	QU	1666.	118	34	28.1				29.9	29.9	29.3	29.8						
28S 09W 29CCC 01	QU	1708.	107	30	32.7				34.3	34.2	34.1	34.1						
28S 09W 34AAR 01	QU	1690.		41	42.8				44.8	44.8	44.7	44.6						
28S 10W 16RCR 01	QU	1756.		51	50.2				51.2	51.1	50.6	50.9						

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

KINGMAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
27S 05W 24CDC 01	QII	16.4	-2	-3.8	.7	-.1	-.5			
27S 05W 33ABR 02	QII	6.8	18	-2.8		.5	-.4			
27S 06W 12CCD 01	QII	9.6	-3	-3.0	3.9	-.1	-.4			
27S 06W 16CCR 01		2.9	-2	-2.0	1.0	-.1	-.3			
27S 07W 03ADC 01	QII	11.0	9	-2.8	1.8	.2	-.4			
27S 07W 23RCC 01	QII	8.6		-1.3	-.2		-.2		5	
27S 08W 14DDC 01	QII			-2.8	-1.7	.2	-.4			
27S 08W 17DAR 01	QII	37.2	8		-.8					
27S 08W 25DAD 01		21.3		-1.3	2.2	.3	-.2			
27S 08W 35CBC 01	QII	21.7	10							
27S 09W 06DOR 01	QII	47.4	-10	4.1	-2.3	-.3	.5			
27S 09W 15ABA 01	QII	49.1	1	.7	-.7		.1			
27S 09W 29AAA 01		23.8	6		-.5	.2				
27S 10W 03DDN 01	QII	50.9	-18	.1	2.3	-.5		94	108	15
27S 10W 17DDN 01	QII	62.7	14	-.8	-1.4	.4	-.1			
27S 10W 24DAD 01	QII	15.9	4	.1	-.6	.1				
27S 10W 31RCD 01	QII	25.2	-7	-2.1	.6	-.2	-.3			
28S 07W 29CCD 01	QII	27.3	3	-.7	.0	.1	-.1			
28S 07W 35CCD 01	QII	21.9	1		.3			48	47	-2
28S 08W 21RBR 01	QII	2.5	-2	-.2	.1	-.1				
28S 08W 26ABC 01	QII	76.1	1	-12.9	-11.0		-1.6			
28S 09W 01RCC 01	QII	7.4	8	.1		.2				
28S 09W 21AAA 01	QII	29.8	4	-1.7	-.5	.1	-.2	84	88	5
28S 09W 29CCC 01	QII	34.1	-4	-1.4	.0	-.1	-.2	77	73	-5
28S 09W 34AAB 01	QII	44.6	-4	-1.8	.1	-.1	-.2			
28S 10W 16RCR 01	QII	50.9		-.7	-.3		-.1			



WATER-LEVEL CHANGE IN KINGMAN COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

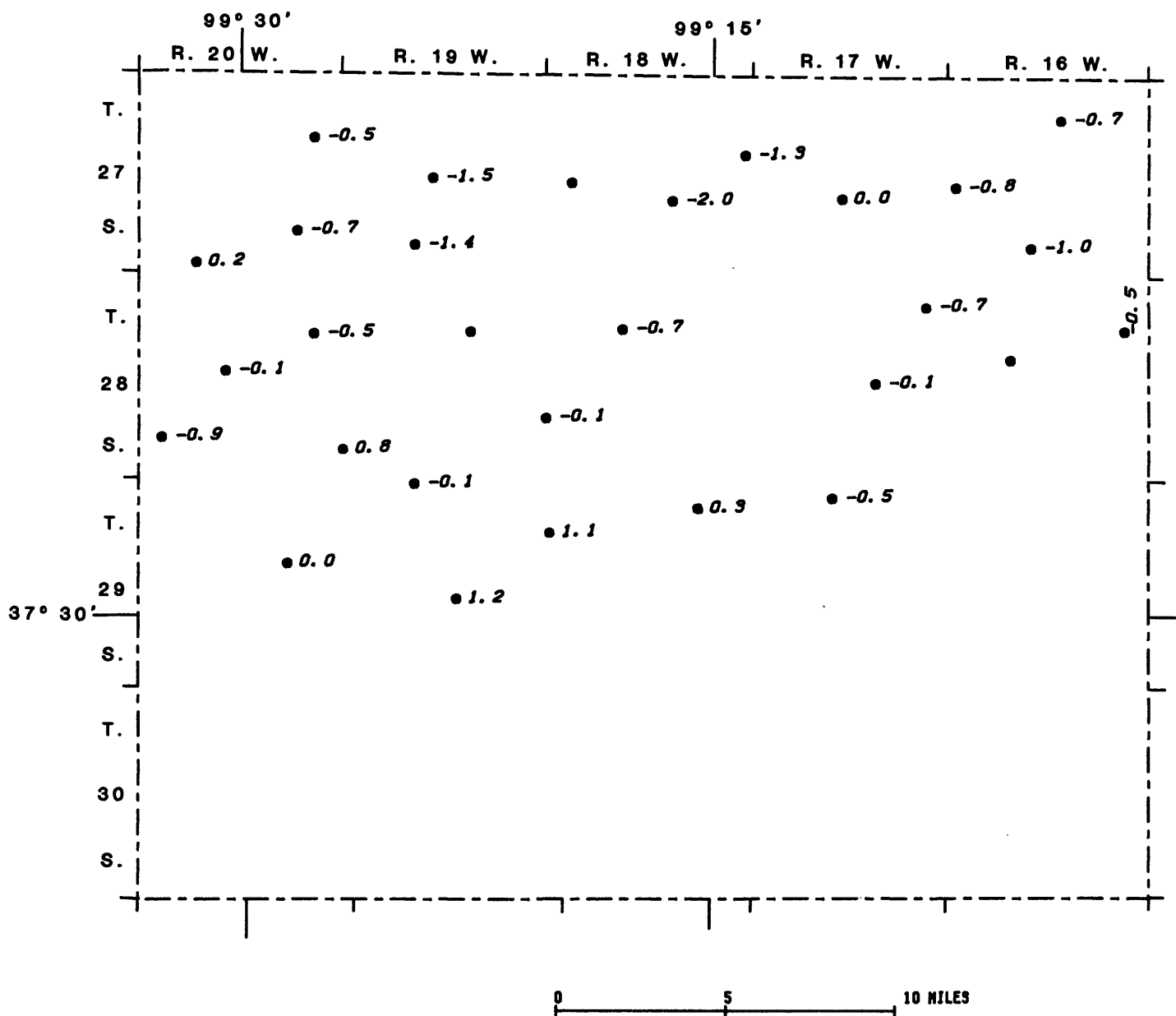
KIOWA COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET
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TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

KTOWA COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
27S 16W 10BAC 01	QII	23.0	5	-10.9	-7.7	.1	-1.4			
27S 16W 19BBD 01	QII	30.3	7	-10.0	-8	.2	-1.3			
27S 16W 28CDD 01	QII	62.5	3	-5.9	-1.0	.1	-.7			
27S 17W 21ADC 01	QII	33.0	6	-8.6	.0	.2	-1.1			
27S 18W 13AAA 01	QII	22.9	1	-7.3	-1.3	.2	-.9	195	196	1
27S 18W 18DDC 01	QII	17.0	9	-1.3		.2	-.2			
27S 18W 22ADC 01	QII	23.2	6	-9.1	-2.0	.2	-1.1			
27S 19W 16BBD 01	QII	51.6	-2	-6.4	-1.5	-.1	-.8			
27S 19W 28CBB 01	QII	73.2	-13	-5.3	-1.4	-.3	-.7			
27S 20W 12BCD 01	QII	41.1	6	-1.0	-.5	.2	-.1			
27S 20W 26ABD 01	QII	42.5	-5	-1.9	-7	-.1	-.2			
27S 20W 32ABD 01	QII	44.5	-9	.7	.2	-.2	.1			
28S 16W 12BCA 01	QII	98.2	-6	2.8	-.5	-.2	.4			
28S 16W 17AAC 01	QII	115.6	4	2.4		.1	.3			
28S 17W 01CAR 01	QII	58.6	6	-3.0	-.7	.2	-.4			
28S 17W 15DDR 01	QII	95.5	10	.5	-.1	.3	-.1			
28S 18W 09RAC 01	QII	63.3	3	-1.6	-.7	.1	-.2	116	119	3
28S 18W 19CCR 01	QII	87.7	15	.3	-.1	.4				
28S 19W 10AAC 01	QII	92.9								
28S 19W 30CRC 01	QII	112.9	3	2.1	.8	.1	.3			
28S 19W 33CRD 01	QII	133.9	-1	.1	-.1					
28S 20W 12BBD 01	QII	56.3	8	-.6	-.5	.2	-.1			
28S 20W 16ACR 01	QII	58.5	5	.1	-.1	.1				
28S 20W 30ACA 01	QII	42.4	-10	-3.0	-.9	-.3	-.4			
29S 17W 04ABC 01	QII	51.9	8	-1.9	-.5	.2	-.2			
29S 18W 02ACC 01		143.3			.3					
29S 18W 07BBD 01	QII	154.1	1	-.6	1.1		-.1			
29S 19W 22BAA 01	QII	155.6	2	1.4	1.2	.1	.2			
29S 20W 11CDD 01	QII	167.4	3	.6	.0	.1	.1			



WATER-LEVEL CHANGE IN KIOWA COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

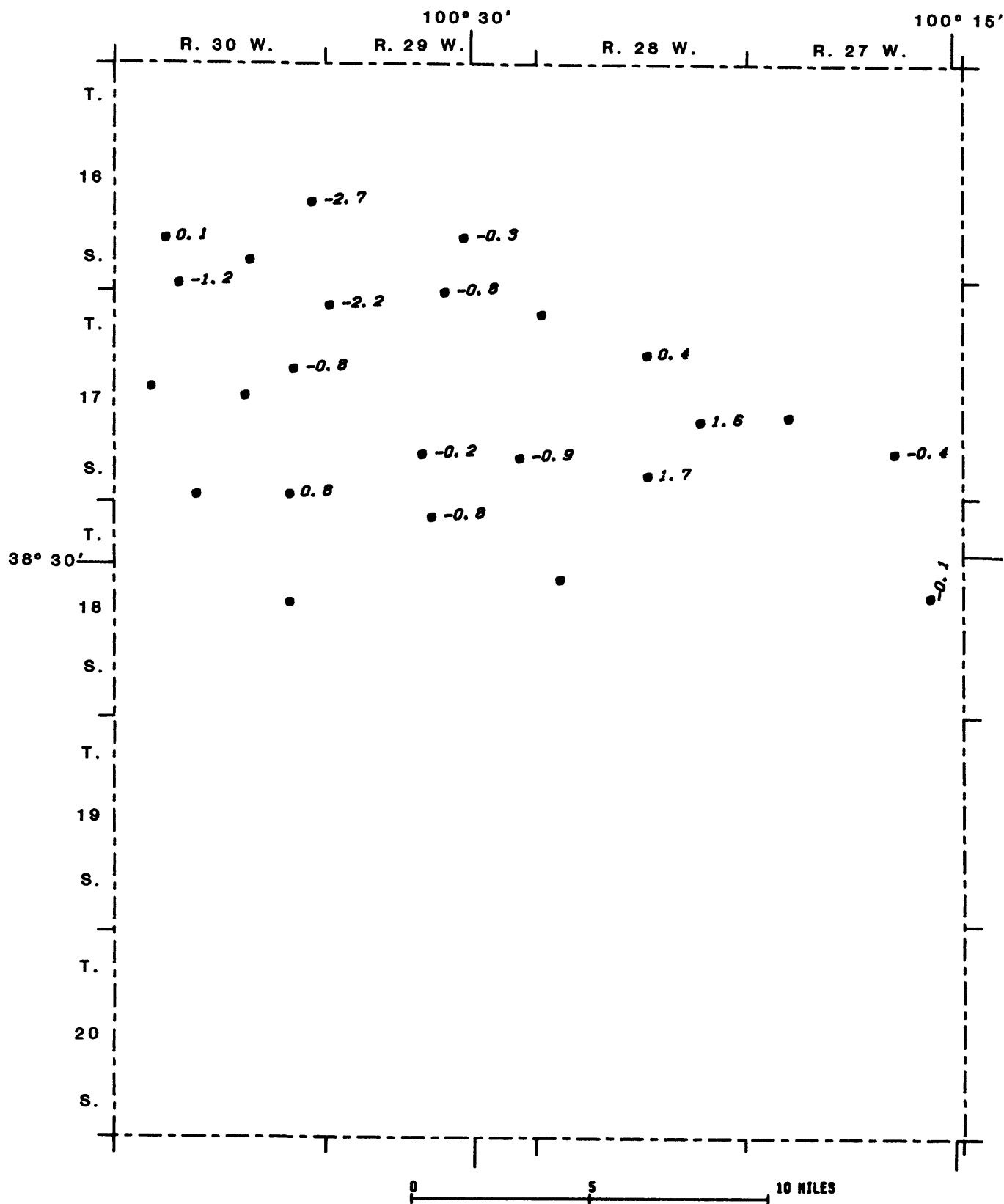
LANE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1950	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
16S 29W 26CCD 01	T0	2803.	140	90	89.2	98.0	99.6	101.4	101.4	101.4	102.2	102.5
16S 30W 24DCC 01	T0	2840.	155	109	115.9	116.7	117.9	117.9	117.9	118.9	119.9	122.6
16S 30W 29CDD 01	T0	2884.	174	121	122.8	123.8	123.8	124.7	125.3	125.5	127.9	127.8
16S 30W 34DAB 01	T0	2857.	172	116		118.4	118.4	120.6	120.0	119.8		128.5
17S 27W 20CCC 01	T0	2717.	127	84	95.1	96.4	96.4	97.5	98.9	99.4		
17S 27W 26CCC 01	T0	2678.	127	80		94.9	95.6	94.7	96.5	95.9	96.4	96.8
17S 28W 07RBR 01	T0	2785.	170	83		91.5	93.0	94.5	95.1	95.6	97.7	
17S 28W 15RBC 01	T0	2760.	150	84		100.8	102.0	101.0	103.3	104.6	104.1	103.7
17S 28W 26ABR 01	T0	2735.	140	85	88.2	98.0	100.5	99.5	100.4	100.3	102.0	100.4
17S 28W 34CBA 01	T0	2747.	132	78				88.3	89.4	89.0	91.0	89.3
17S 29W 03RDC 01	T0	2816.	156	102			109.6	109.5	110.1	110.8	112.6	113.4
17S 29W 06CCR 01	T0	2838.	173	103	115.4	116.5	116.5	118.1	119.5	119.8	121.4	123.6
17S 29W 28DCD 01	T0	2810.	123	68			74.5	74.0	75.5	75.0	75.8	76.0
17S 29W 36BAA 01	T0	2784.	119	70	80.2	80.3	80.3	81.0	83.4	83.7	83.8	84.7
17S 30W 05AAC 01	T0	2877.	175	108			114.7	114.8	115.2	115.8	118.5	119.7
17S 30W 13CBA 01	T0	2846.	151	84	83.9	86.3	87.1	87.4	87.6	88.4	88.9	89.5
17S 30W 20RBR 01	T0	2889.	165	87			96.2	95.2		98.5		107.6
17S 30W 22ACA 01	T0	2859.	144	76	86.1	87.1	82.2	82.4	83.1	84.8		87.7
18S 27W 13CCC 01	T0	2674.	95	88			66.5	86.3	86.6	86.3	86.0	86.1
18S 28W 18ACC 01	T0	2764.	95	51		63.5		63.7	68.6	72.8		68.8
18S 29W 04DAD 01	T0	2801.	110	56		64.3	64.8	63.7	64.5	65.2	65.5	66.3
18S 30W 02AAA 01	T0	2849.	124	68	81.5	83.2	83.2	87.1	84.2	84.1	86.6	85.8
18S 30W 04RAR 01	T0	2872.	125	69		69.5	69.5	70.7	71.3	72.0		73.2
18S 30W 23AAA 01	T0	2848.	150	55			65.1		64.7	64.1		67.5

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

LANE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
16S 29W 26CCD 01	TN	102.5	-13	-13.2	-0.3	-0.4	-0.8	50	38	-24
16S 30W 24DCC 01	TN	122.6	-14		-2.7	-0.4		46	32	-30
16S 30W 29CDD 01	TN	127.8	-7		.1	-0.2		53	46	-13
16S 30W 34DAR 01	TN	128.5	-13			-0.4		56	44	-21
17S 27W 20CCC 01	TN									
17S 27W 26CCC 01	TN	96.8	-17		-0.4	-0.5		47	30	-36
17S 28W 078BR 01	TN									
17S 28W 15RBC 01	TN	103.7	-20		.4	-0.6		66	46	-30
17S 28W 26ABR 01	TN	100.4	-15	-12.1	1.6	-0.5	-0.8	55	40	-27
17S 28W 34CRR 01	TN	89.3	-11		1.7	-0.3		54	43	-20
17S 29W 03RDC 01	TN	113.4	-11		-0.8	-0.3		54	43	-20
17S 29W 06CCR 01	TN	123.6	-21		-2.2	-0.7		70	49	-30
17S 29W 28DCD 01	TN	76.0	-8		-0.2	-0.3		55	47	-15
17S 29W 36RAA 01	TN	84.7	-15		-0.9	-0.5		49	34	-31
17S 30W 05AAC 01	TN	119.7	-12		-1.2	-0.4		67	55	-18
17S 30W 13CRR 01	TN	89.5	-6	-5.6	-0.6	-0.2	-0.4	67	62	-7
17S 30W 20RBR 01	TN	107.6	-21			-0.7		78	57	-27
17S 30W 22ACA 01	TN	87.7	-12			-0.4		68	56	-18
18S 27W 13CCC 01	TN	86.1	2		-0.1	.1		7	9	29
18S 28W 18ACC 01	TN	68.8	-18			-0.6		44	26	-41
18S 29W 04DAD 01	TN	66.3	-10		-0.8	-0.3		54	44	-19
18S 30W 02AAA 01	TN	85.8	-18		.8	-0.6		56	38	-32
18S 30W 04RAR 01	TN	73.2	-4			-0.1		56	52	-7
18S 30W 23AAA 01	TN	67.5	-13			-0.4		95	83	-13



WATER-LEVEL CHANGE IN LANE COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

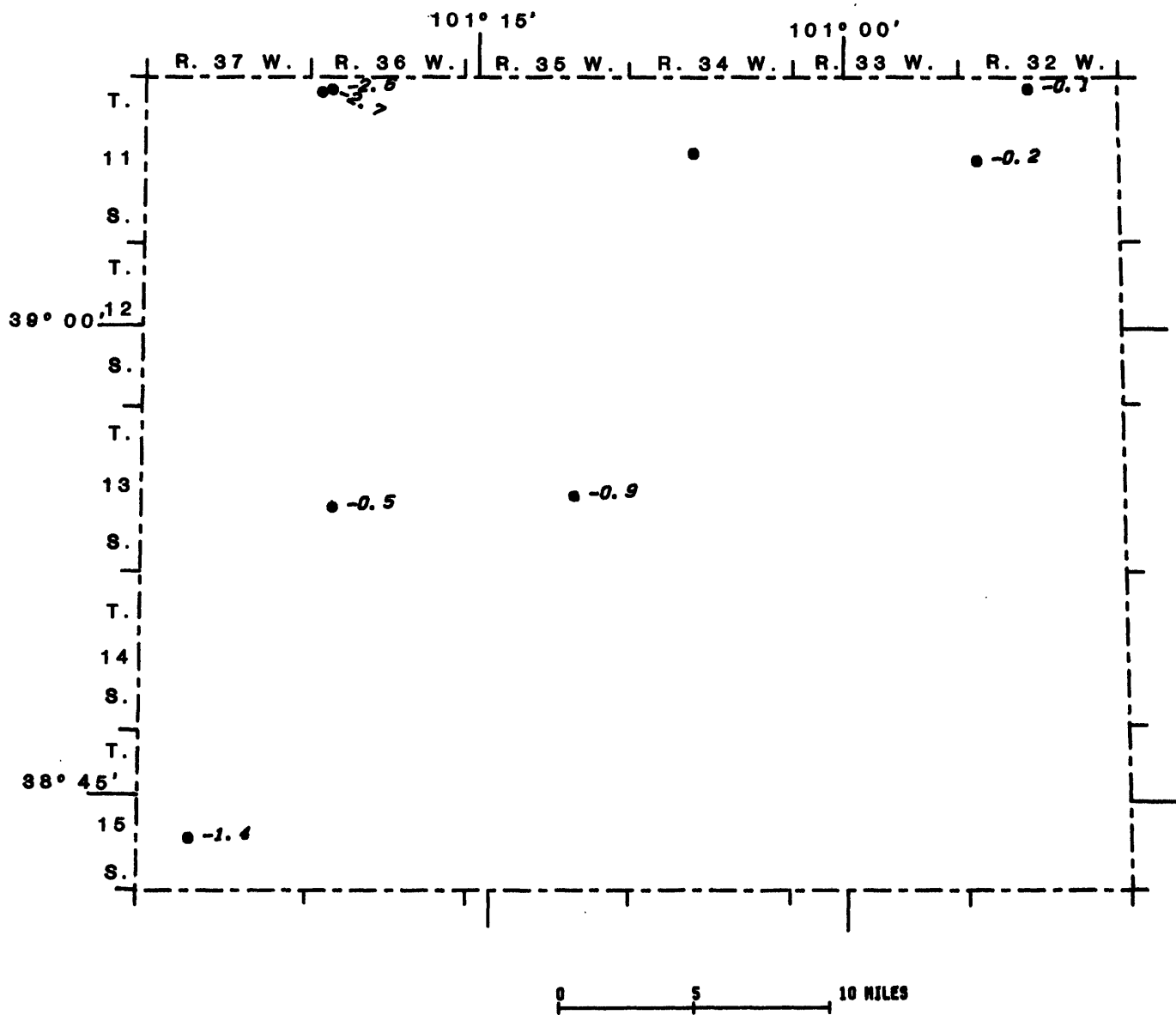
LOGAN COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
11S 32W 04ACD 01	TO	3059.	208	96	102.0	109.1		107.5	105.8		111.7	111.8
11S 32W 19AAR 01	TO	3073.	183	92		99.5	101.4	101.6	102.9	102.4	102.9	103.1
11S 34W 16CDR 01	TO	3218.	170	122	118.4		123.0	119.2	119.4	121.1		119.8
11S 36W 06ADD 02	TO	3380.	220	142	137.0	156.6	158.9	159.6	160.7		162.5	165.1
11S 36W 06DBB 02	TO	3386.	282	148	150.0		169.1	169.3	170.2	172.6	172.6	175.3
13S 35W 23RCC 01	QA	2956.	62	45		48.3	50.1	48.0	44.3	46.5	44.9	45.8
13S 36W 20CCR 01	QA	3023.	30			11.5	10.9	12.0	12.2	12.5	11.3	11.8
15S 37W 29AAA 01	TO	3420.	60			35.4	35.4	34.8			34.2	35.6

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

LOGAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
11S 32W 04ACD 01	T0	111.8	-16	-9.8	-.1	-.5	-.6	112	96	-14
11S 32W 19AAR 01	T0	103.1	-11		-.2	-.3		91	80	-12
11S 34W 16CDB 01	T0	119.8	2	-1.3		.1	-.1	48	50	4
11S 36W 06ADD 02	T0	165.1	-23	-28.0	-2.6	-.7	-1.9	78	55	-29
11S 36W 06DBR 02	T0	175.3	-27	-25.3	-2.7	-.8	-1.6	134	107	-20
13S 35W 23RCC 01	OA	45.8	-1		-.9			17	16	-6
13S 36W 20CCR 01	OA	11.8			-.5				18	
15S 37W 29AAA 01	T0	35.6			-1.4				24	



WATER-LEVEL CHANGE IN LOGAN COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

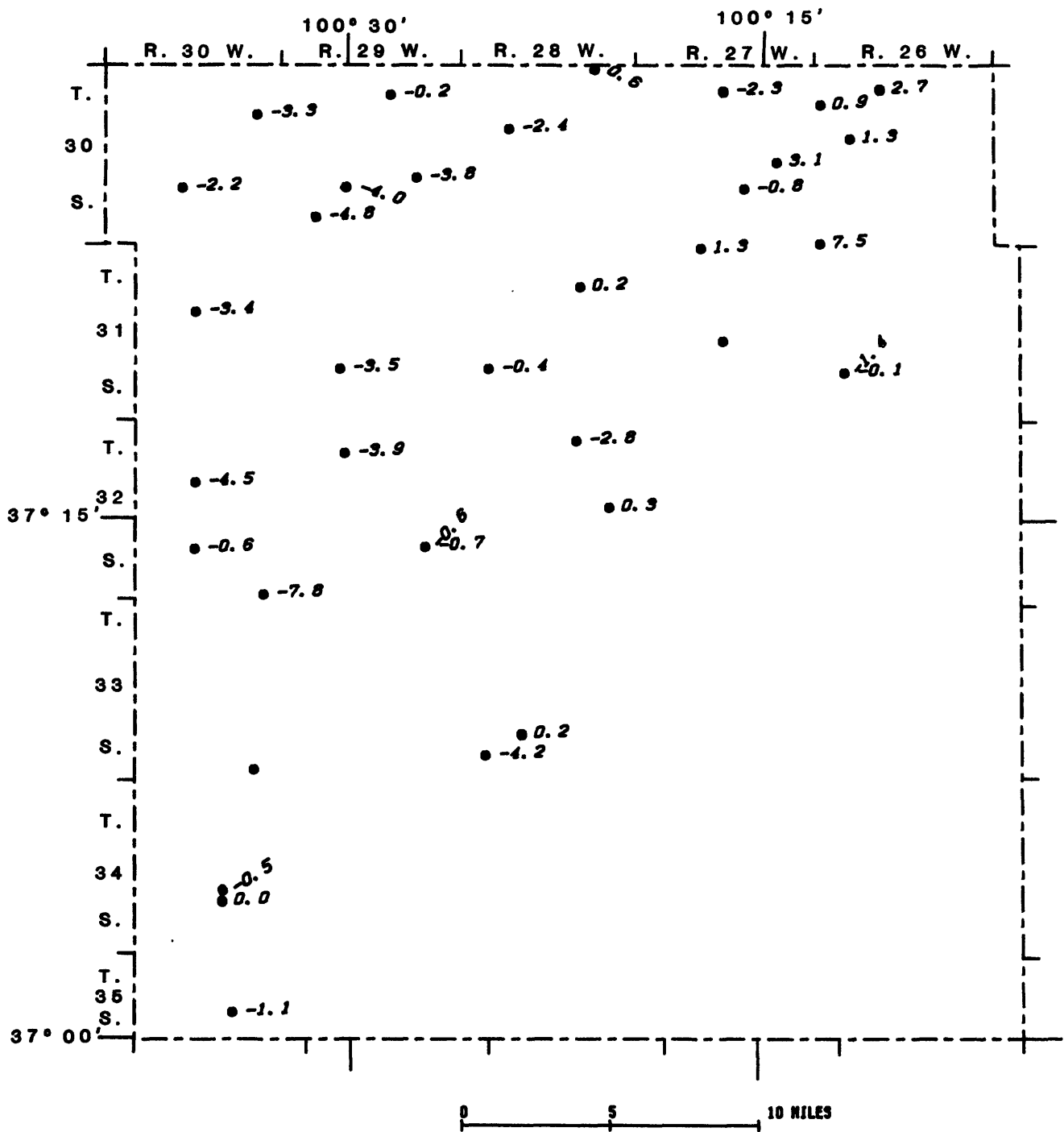
MEADE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO REDROCK (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)
				1940	1966	1976	1977	1978	1979	1980	1981	1982
				(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
30S 26W 04CBR 01	QU,TO	2525.	415	11	20.7	28.7	38.3	39.3	42.6	41.9	45.7	43.0
30S 26W 07ABR 01	QU,TO	2541.	401	22	29.9	42.7	50.8	49.0	59.6	57.4	60.8	59.9
30S 26W 17ABC 01	QU,TO	2520.	400	11	22.0	29.0	34.2	36.7	39.6	37.2	41.1	39.8
30S 26W 31CBC 01	QU,TO	2485.	350	14	14.0	25.5	29.9	32.3	36.3	31.7	34.2	31.7
30S 27W 04ORD 01	QU,TO	2576.	346	31	34.7	54.2	68.7	65.9	67.0	67.6	70.7	73.0
30S 27W 22CDD 01		2511.		6	13.5	9.0	8.8	8.9	8.1	8.2	9.2	10.0
30S 27W 23ABR 01	QU,TO	2531.	321	12	16.5	30.1	38.6	34.2		38.4	42.9	39.8
30S 27W 32DDD 01		2475.	315	26	11.8	9.9		9.1	9.2	8.7	8.9	7.6
30S 28W 02RAA 01	QU,TO	2660.	430	83	97.2	101.9	105.7	107.9	114.3	114.3	115.6	115.0
30S 28W 17ABR 01	QU,TO	2697.	517	102	109.6	115.6	117.5	123.3	129.1		129.9	132.3
30S 29W 03DCC 01	QU,TO	2728.	464	102	107.4	116.1	118.0	122.3		128.1	130.8	131.0
30S 29W 23CAD 01	QU,TO	2744.	544	134	141.3	152.0	154.7	158.3	161.2	164.4	167.5	171.1
30S 29W 28ABR 01	QU,TO	2758.	553	137	137.8	150.9	154.8	158.9	158.8	165.1	168.0	172.0
30S 29W 32ABR 01	QU,TO	2756.	536	133	130.7	144.8	148.9	153.1	157.4	160.3	163.0	167.6
30S 30W 12CBR 01	QU,TO	2813.	493	163	165.5	182.9	188.5	190.1	201.4	199.4	203.6	206.9
30S 30W 28ABR 01	QU,TO	2803.	508	150	145.9	162.8	177.9	182.6		173.9	177.6	179.8
31S 26W 30ARR 01	QU,TO	2516.					95.1			99.9	100.1	101.5
31S 26W 30ABR 02	QU,TO	2516.	213	97		90.2	92.5	95.3	96.0	97.2	97.5	97.6
31S 27W 20AAA 02	QU,TO	2466.	326	15		28.1	35.7	31.3	31.6	31.1		
31S 28W 10RCR 01	QU,TO	2643.	463	114	112.2	128.8	128.8	136.6			131.7	131.5
31S 29W 25AAA 02	QU,TO	2698.	438	145	156.5	162.7	167.7	171.5		174.8	176.1	176.5
31S 29W 30AAA 01	QU,TO	2741.	461	136	130.2	138.8	143.3	148.2	154.2	152.2	154.7	158.2
31S 30W 16ABC 01	QU,TO	2770.	505	136	133.9	153.8	168.5	169.8	166.9	169.9	172.4	175.8
32S 28W 04ADD 01	QU,TO	2546.	366	63	66.1	66.7	68.3	68.7		79.8	70.9	73.7
32S 28W 14CBC 01	QU,TO	2430.	300	6	6.4	6.4	7.9	8.0	10.3	8.8	8.9	8.6
32S 29W 05CC 01	QU,TO	2719.	464	139	137.3	149.4	152.1	160.8	163.4	157.7	159.2	163.1
32S 29W 27AAR 01	QU,TO	2688.					141.9		141.2	145.1	145.8	146.4
32S 29W 27AAR 02	QU,TO	2688.	555	143		141.3	142.1	143.5	144.7		145.2	145.9
32S 30W 09CCC 01	QU,TO	2764.	504	155	156.7	178.5	175.0	183.6	189.6	188.9	184.6	189.1
32S 30W 28ABC 01	QU,TO	2759.	450	167	170.2	188.5	191.8	199.4	203.6	198.5	201.1	201.7
32S 30W 35CAD 01	QU,TO	2728.	158								181.6	189.4
33S 28W 29RCR 01	TO	2371.	160	14	14.3	17.0	16.9	16.6	17.6	16.4	16.5	16.3
33S 28W 36SAR 01	QU,TO	2463.	283	81	81.3	84.9	85.6	85.1		85.6	86.5	90.7
33S 30W 35CA 01	QU,TO	2684.	544	161	157.8		161.0	162.6	164.9	163.5	164.4	164.4
34S 30W 22CAC 01	QU,TO	2675.	675	191		194.3	192.5	193.2	193.4	194.2	194.5	195.0
34S 30W 27ABR 02	QU,TO	2660.	671	187		187.5	187.1	188.6	189.1	189.6	190.2	190.2
35S 30W 10CDA 01	QA,OU,TO	2393.	318	23					22.7	22.8	25.0	26.1

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

MEADE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
30S 26W 04CBR 01	QU, TO	43.0	-32	-22.3	-8	-1.4	404	372	-8
30S 26W 07RBR 01	QU, TO	59.9	-38	-30.0	-9	-1.9	379	341	-10
30S 26W 17RBC 01	QU, TO	39.8	-29	-17.8	-7	-1.1	389	360	-7
30S 26W 31CBC 01	QU, TO	24.2	-10	-10.7	-7	-6	336	326	-3
30S 27W 04DRD 01	QU, TO	73.0	-42	-38.2	-1.0	-2.4	315	273	-13
30S 27W 22CDD 01		10.0	-4	3.6	-1	-2			
30S 27W 23ABR 01	QU, TO	39.8	-28	-23.3	-7	-1.5	309	281	-9
30S 27W 32DDN 01		7.6	18	4.3	4	3	289	307	6
30S 28W 02RAA 01	QU, TO	115.0	-32	-17.8	-8	-1.1	347	315	-9
30S 28W 17ARR 01	QU, TO	132.3	-30	-22.7	-7	-1.4	415	385	-7
30S 29W 03DCC 01	QU, TO	131.0	-29	-23.6	-7	-1.5	362	333	-8
30S 29W 23CAD 01	QU, TO	171.1	-37	-29.8	-9	-1.9	410	373	-9
30S 29W 28RBR 01	QU, TO	172.0	-35	-34.1	-8	-2.1	416	381	-8
30S 29W 32RBR 01	QU, TO	167.6	-35	-36.8	-8	-2.3	403	368	-9
30S 30W 12CBR 01	QU, TO	206.9	-44	-41.4	-1.0	-2.6	330	286	-13
30S 30W 28ABR 01	QU, TO	179.8	-30	-33.9	-7	-2.1	358	328	-8
31S 26W 30RBR 01	QU, TO	101.5	-1	-1.4			116	115	-1
31S 26W 30RBR 02	QU, TO	97.6		-1					
31S 27W 20AAA 02	QU, TO								
31S 28W 10RCR 01	QU, TO	131.5	-18	-19.3	-4	-1.2	349	332	-5
31S 29W 25AAA 02	QU, TO	176.5	-32	-20.0	-8	-1.3	293	262	-11
31S 29W 30AAA 01	QU, TO	158.2	-22	-28.0	-5	-1.8	325	303	-7
31S 30W 16RBC 01	QU, TO	175.8	-40	-41.9	-1.0	-2.6	369	329	-11
32S 28W 04ADD 01	QU, TO	73.7	-11	-7.6	-3	-5	303	292	-4
32S 28W 14CBC 01	QU, TO	8.6	-3	-2.2	-1	-1	294	291	-1
32S 29W 05CC 01	QU, TO	163.1	-24	-25.8	-6	-1.6	325	301	-7
32S 29W 27AAR 01		146.4		-6					
32S 29W 27AAR 02	QU, TO	145.9	-3	-7	-1		412	409	-1
32S 30W 09CCC 01	QU, TO	189.1	-34	-32.4	-8	-2.0	349	315	-10
32S 30W 28RBC 01	QU, TO	201.7	-35	-31.4	-8	-2.0	292	257	-12
32S 30W 35CAD 01	QU, TO	189.4	-31	-7.8	-7				
33S 28W 29RCR 01	TO	16.3	-2	-2.0	-2	-1	146	144	-1
33S 29W 36AAR 01	QU, TO	90.7	-10	-9.4	-2	-6	202	192	-5
33S 30W 35CB 01	QU, TO								
34S 30W 22CBC 01	QU, TO	195.0	-4	-5	-1		484	480	-1
34S 30W 27RBR 02	QU, TO	190.2	-3	0	-1		484	481	-1
35S 30W 10CDA 01	QA, OU, TO	26.1	-3	-2.9	-1	-2	295	292	-1



WATER-LEVEL CHANGE IN MEADE COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

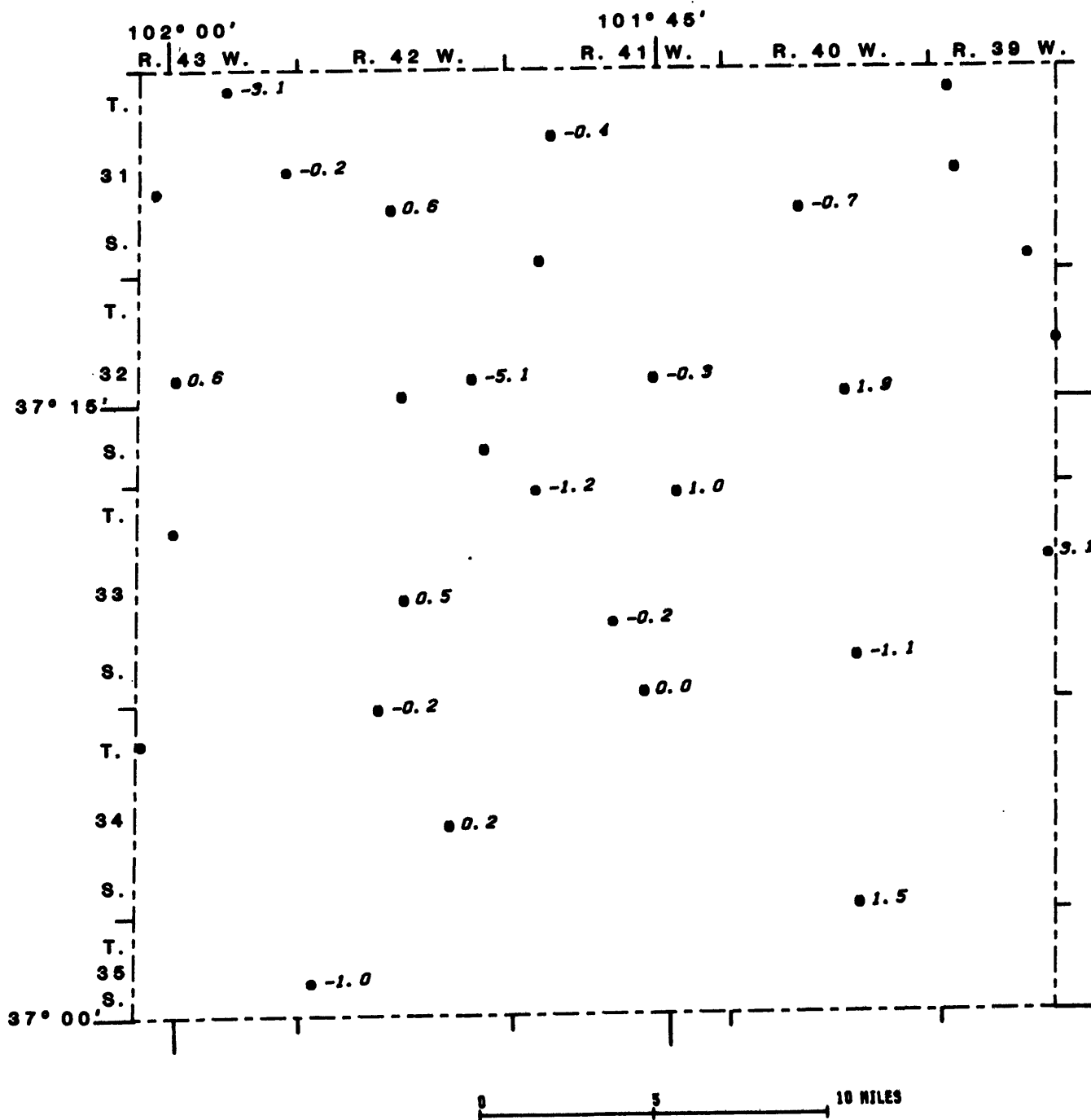
MORTON COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
31S 39W 18CCC 01	QU,TO	3246.	226	116	135.6	174.9	182.7	176.3	179.0	180.9		
31S 39W 33RCC 01	QU,TO,KJ	3253.			160.0	201.7	202.0	202.5	207.2	206.9		215.4
31S 40W 01DA 01	QU,TO	3236.	276	111	133.1	156.1	161.8	166.8	166.9	168.7		
31S 40W 29ABR 01	QU,TO	3331.	233	141	166.1	187.2	180.2	179.0	179.6	180.5	180.8	181.5
31S 41W 07CDD 01	KJ	3441.				135.7	135.5	135.9	135.0	135.1	134.7	135.1
31S 41W 31CRR 01	KJ	3441.			73.0	92.8	97.3	90.7		88.1	85.2	
31S 42W 29AAR 01	QU,TO,KJ	3510.		74	93.1	108.3	109.3	107.1	104.8	103.5	102.4	101.8
31S 43W 03CB 01	QU,TO,KJ	3609.		61	65.7	66.4	65.9	65.1	66.0	63.8	63.0	66.1
31S 43W 14DDC 01	KJ	3576.			67.7	69.0	67.4	67.7	70.3	68.0	68.3	68.5
31S 43W 20CRR 01	QU,TO	3653.		53	56.4		79.3	100.9	100.9	93.6	100.7	
32S 39W 09DD 01	QU,TO	3248.	268	118	146.9	184.5	177.6		186.6	181.9		
32S 40W 21ADR 01	QU,TO	3342.	237	132	156.0		187.5	189.9	187.1	178.5	189.6	187.7
32S 41W 15CDC 01	QU,TO,KJ	3360.			18.0	22.6	20.7	18.8	19.9	20.7	21.5	21.8
32S 42W 14CCC 01	QU,TO,KJ	3500.			90.6		111.6	114.0	111.6	110.8	113.2	118.3
32S 42W 21RCC 01	QU,TO,KJ	3526.			113.6	144.5	144.5	146.3	146.0	147.3		153.8
32S 42W 26CDD 01	QU,TO,KJ	3485.			102.0	139.6	138.4	142.8	140.5	138.9		148.1
32S 43W 17DCC 01	TO	3626.	146	60	60.0	71.3	72.1	73.8	70.3		73.7	73.1
33S 39W 16ABR 01	QU,TO	3234.	344	82	70.0	72.3	73.6	73.6	74.8	74.1	76.5	73.4
33S 40W 27CCC 01	QU,TO	3308.	323	98	80.0	81.4	80.6	81.6	82.1		86.2	87.3
33S 41W 03AAD 01	QU,TO,KJ	3425.			117.2	141.6	151.5	149.9		140.8	142.3	141.3
33S 41W 21CCC 01	QA	3357.	127	27	41.1	43.4	44.7	43.3	43.7		43.6	43.8
33S 41W 33DD 01	QU	3377.	157	68	69.4	65.2	63.5	62.2		68.0	67.0	67.0
33S 42W 01AA 01	QU	3438.	168	48	34.5	39.4	39.8	38.8	39.7	40.4	40.7	41.9
33S 42W 21ACR 01	QU,TO	3527.	167	87	85.0	89.4	88.2	88.3	87.8		98.7	98.2
33S 43W 08ADA 01	QU,TO,KJ	3643.			95.0	97.6	98.2	99.6	100.4	101.0		106.7
34S 42W 05ADC 01	QU,KJ	3449.			38.4	39.0	39.3	38.5	38.6	38.7	38.9	39.1
34S 42W 22CDD 01	QU,TO	3492.	112	92		82.5	80.9	82.5	83.7		79.7	79.5
34S 43W 07ADD 01	KJ	3655.			147.2		149.2	149.0				
35S 40W 03ABR 01	QU,TO	3367.	407	179	183.1	174.2	174.9	174.4	175.3	176.0	176.5	175.0
35S 43W 13ADA 01	QU,TO	3615.	305	151		172.8	174.3	176.2	181.3	178.3	182.3	183.3

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

MORTON COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
31S 39W 18CCC 01	QH,TO									
31S 39W 33RCC 01	QU,TO,KJ	215.4		-55.4			-3.5			
31S 40W 01DA 01	QH,TO									
31S 40W 29ABR 01	QU,TO	181.5	-41	-15.4	-7	-1.0	-1.0	92	52	-43
31S 41W 07CDD 01	KJ	135.1			-4					
31S 41W 31CBB 01	KJ									
31S 42W 29AAB 01	QH,TO,KJ	101.8	-28	-8.7	.6	-7	-5			
31S 43W 03CB 01	QH,TO,KJ	66.1	-5	-4	-3.1	-1				
31S 43W 14DDC 01	KJ	68.5		-7	-2					
31S 43W 20CBR 01	QH,TO									
32S 39W 09DD 01	QH,TO									
32S 40W 21ADR 01	QU,TO	187.7	-56	-31.7	1.9	-1.3	-2.0	105	49	-53
32S 41W 15CDC 01	QU,TO,KJ	21.8		-3.8	-3		-2			
32S 42W 14CCC 01	QH,TO,KJ	118.3		-27.7	-5.1		-1.7			
32S 42W 21RCC 01	QH,TO,KJ	153.8		-40.2			-2.5			
32S 42W 26CDD 01	QH,TO,KJ	148.1		-46.1			-2.9			
32S 43W 17DCC 01	TO	73.1		-13.1	.6	-3	-8	86	73	-15
33S 39W 16ABR 01	QU,TO	73.4	9	-3.4	3.1	.2	-2	262	271	3
33S 40W 27CCC 01	QH,TO	87.3	11	-7.3	-1.1	.3	-5	225	236	5
33S 41W 03AAD 01	QH,TO,KJ	141.3		-24.0	1.0		-1.5			
33S 41W 21CCC 01	QA	43.8	-17	-2.7	-2	-4	-2	100	83	-17
33S 41W 33DDO 01	QH	67.0	1	2.4	.0		.2	89	90	1
33S 42W 01AA 01	QH	41.9	6	-7.4	-1.2	.1	-5	120	126	5
33S 42W 21RCR 01	QU,TO	98.2	-11	-13.2	.5	-3	-8	80	69	-14
33S 43W 08RDA 01	QH,TO,KJ	106.7		-11.7			-7			
34S 42W 05RDC 01	QH,KJ	39.1		-7	-2			20	33	65
34S 42W 22CDB 01	QH,TO	79.5	13		.2	.3				
34S 43W 07RDD 01	KJ									
35S 40W 03RBR 01	QH,TO	175.0	4	8.1	1.5	.1	.5	228	232	2
35S 43W 13RDR 01	QU,TO	183.3	-32		-1.0	-8		154	122	-21



WATER-LEVEL CHANGE IN MORTON COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

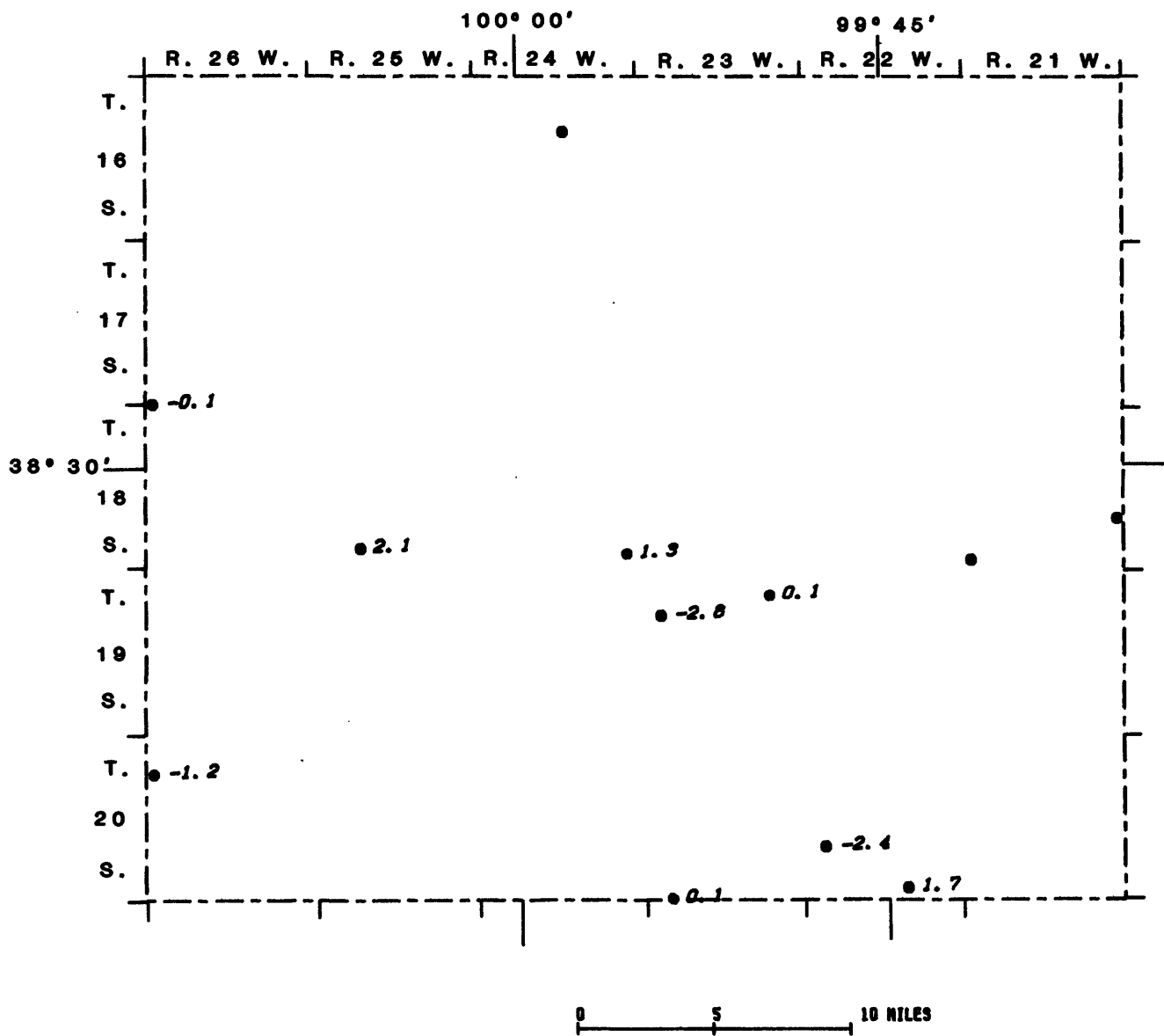
NESS COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
16S 24W 15AB 01	TO					29.3	29.3	29.5	29.8	29.6		29.5
18S 21W 25AR 01	QA	2085.				29.8	30.7	31.0	31.7	29.5	29.6	
18S 21W 31CA 01	QU	2122.				32.2	32.2	32.4	32.4	31.9		31.7
18S 24W 36AR 01	QA	2235.				34.3	34.0	34.9	34.9	33.1	34.9	33.6
18S 25W 33RB 01	QA	2402.				24.0	26.2	26.8	27.3	27.5	27.7	25.6
18S 26W 06BR 02	QA, TO	2570.				6.6	6.7	6.8	7.3	6.9	7.0	7.1
19S 23W 01CC 01		2214.				81.3	83.2	84.4	87.4	87.2	88.3	88.2
19S 23W 08CB 01		2220.				21.0	22.3	22.5	22.4	21.2	20.7	23.5
20S 22W 20CC 01		2189.				36.6	37.9	39.2	41.0	40.6	41.5	43.9
20S 22W 35RC 01	QA	2168.				35.8	37.1	39.1	40.5	38.8	40.0	38.3
20S 23W 32CD 01		2233.				36.7	37.9	38.2	38.1	35.7	35.8	35.7
20S 26W 07RD 01	QA	2538.				22.3	23.6	23.5	24.6	24.6	23.6	24.8

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

NESS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
16S 24W 15ABR 01	T0	29.5								
18S 21W 25ABR 01	QA									
18S 21W 31CAA 01	QU	31.7								
18S 24W 36ADR 01	QA	33.6			1.3					
18S 25W 33RBC 01	QA	25.6			2.1					
18S 26W 06RAR 02	QA,TO	7.1			-.1					
19S 23W 01CCR 01		88.2			.1					
19S 23W 08CBR 01		23.5			-2.8					
20S 22W 20CCC 01		43.9			-2.4					
20S 22W 35BCC 01	QA	38.3			1.7					
20S 23W 32CDA 01		35.7			.1					
20S 26W 07RDC 01	QA	24.8			-1.2					



WATER-LEVEL CHANGE IN NESS COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

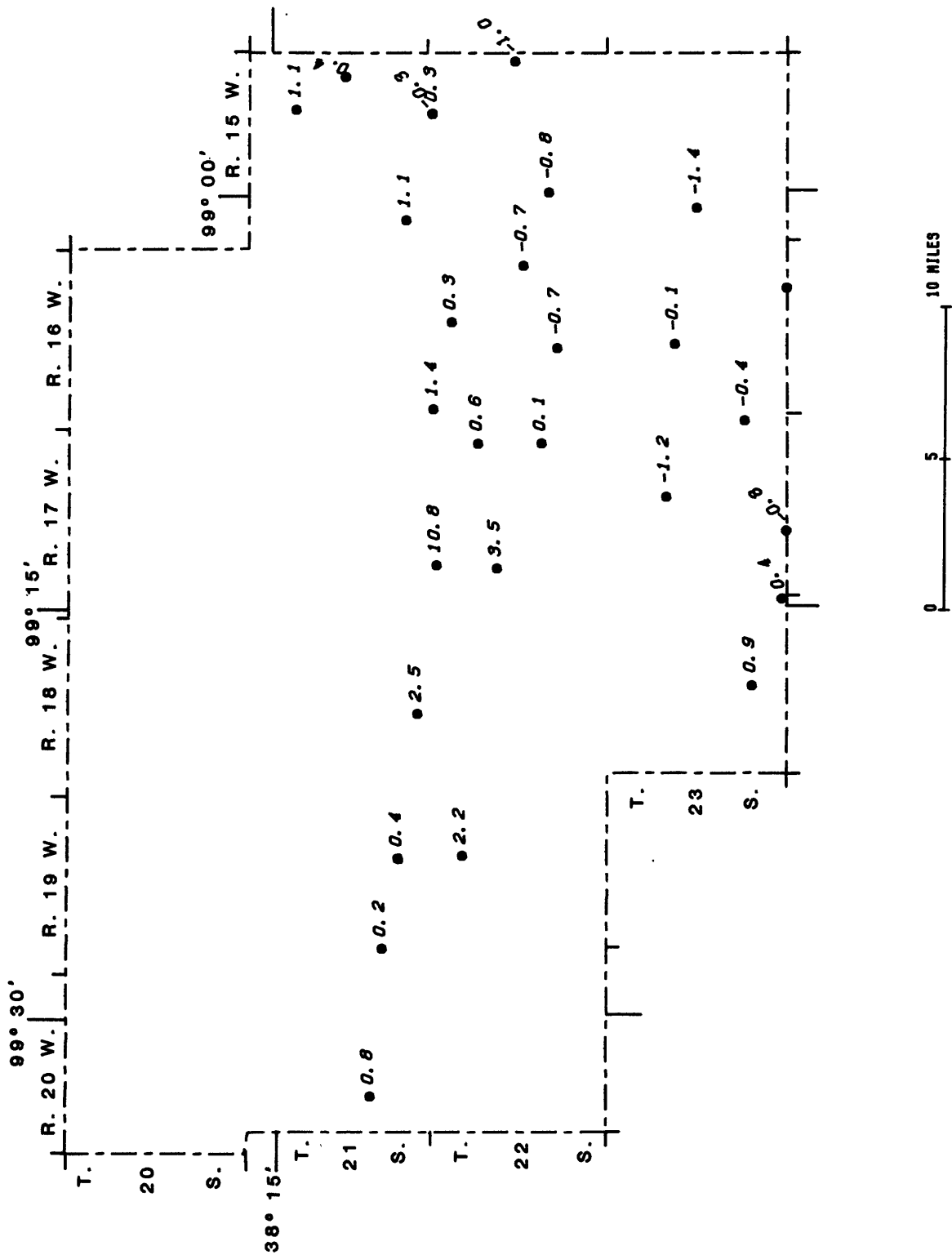
PAWNEE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1944	(FEET)	1974	(FEET)	1976	(FEET)	1977	(FEET)	1978	(FEET)	1979	(FEET)	1980	(FEET)
21S 15W 11CBR 01	QA	1932.		3		4.9						9.5		9.6		9.4	
21S 15W 24RBD 01	QU	1944.		8		5.1						15.0		16.8		17.8	
21S 15W 31RAD 01	QU	1972.		8		10.3						16.0		16.6		16.6	
21S 18W 32DAA 01	QA	2056.		19		16.5		26.6		28.4		28.6		30.7		28.5	
21S 19W 27CCC 01		2076.		23								39.0		41.2		41.2	
21S 19W 30RCC 01		2087.		29		33.3		40.2		41.9		38.9		44.3		42.9	
21S 20W 29RBA 01		2104.		24		34.8		40.2		42.8		43.0		44.7		43.2	
22S 15W 03AAA 01	QU	1970.	207	18		15.5		19.7		20.5		21.4		22.7		26.1	
22S 15W 03AAA 02	QU	1970.	207			18.7		21.2		21.8		22.6		24.2		25.7	
22S 15W 13DCA 01	QU	1976.		29		17.5						26.6		29.2		30.8	
22S 15W 20CDC 01	QU	2004.		26		15.6						23.5		24.8		25.7	
22S 16W 03CBC 02	QA	1996.		8		9.4						13.6		13.6		13.9	
22S 16W 06RBA 01	QA	2010.		8		14.6		17.7		17.1		18.4		18.1		17.1	
22S 16W 23DAA 01	QU	2011.		24		21.8		26.5		27.8		28.9		30.6		31.9	
22S 16W 28RBD 01	QU	2044.	130	26		17.0						25.2		27.1		29.0	
22S 17W 05RBC 02		2036.		15													
22S 17W 12CBR 01		2023.		13													
22S 17W 18AAD 01	QU	2047.		27				33.2		34.7		35.3		37.2		35.5	
22S 17W 24CBC 01	QA	2034.		12		5.6								56.3		54.1	
22S 19W 10RBA 01		2087.															
23S 15W 18DDR 01	QU	2035.		8		20.7						27.8		28.7		30.6	
23S 16W 16RAB 01	QU	2048.		13		8.1						13.7		16.3		16.1	
23S 16W 35CCD 01		2057.				12.6		17.6		18.6		18.6		20.7			
23S 17W 10CDR 01	QU	2091.		29		25.4						31.0		32.2		33.3	
23S 17W 25ADC 01	QU	2076.		11		12.7						17.2		18.8		19.0	
23S 17W 33CCA 01	QU	2109.		22		16.4						23.5		24.3		24.6	
23S 18W 28DAD 01	QU	2102.	51	5		6.3		8.2		9.5		9.6		9.5		9.5	
23S 18W 36DAC 01	QU	2116.		21		8.2						21.2		22.7		23.6	

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

PANTEE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
21S 15W 11CBR 01	QA	9.0	-6	-4.1	1.1	-2	-5			
21S 15W 24RBD 01	QU	18.5	-11	-13.4	.4	-3	-1.7			
21S 15W 31RAD 01	QU	16.5	-9	-6.2	1.1	-2	-.8			
21S 18W 32DAA 01	QA	28.0	-9	-11.4	2.5	-2	-1.4			
21S 19W 27CCC 01		41.4	-18		.4	-5				
21S 19W 30RCC 01		43.8	-15	-10.5	.2	-4	-1.3			
21S 20W 29RBR 01		43.3	-19	-8.4	.8	-5	-1.1			
22S 15W 03AAA 01	QU	25.8	-8	-10.3	.3	-2	-1.3	189	181	-4
22S 15W 03AAA 02	QU	27.3		-8.6	-.3		-1.1		180	
22S 15W 13DCA 01	QU	33.3	-4	-15.8	-1.0	-1	-2.0			
22S 15W 20CDC 01	QU	27.6	-2	-12.0	-.8	-1	-1.5			
22S 16W 03CBC 02	QA	14.1	-6	-4.7	.3	-2	-.6			
22S 16W 06RBA 01	QA	16.7	-9	-2.1	1.4	-2	-.3			
22S 16W 23AAA 01	QU	33.6	-10	-11.8	-.7	-3	-1.5			
22S 16W 28RBD 01	QU	30.9	-5	-13.9	-.7	-1	-1.7	104	99	-5
22S 17W 05RBC 02		22.7	-8		10.8	-2				
22S 17W 12CBR 01		14.3	-1		.6					
22S 17W 18AAD 01	QU	35.6	-9		3.5	-2				
22S 17W 24CBC 01	QA	9.8	2	-4.2	.1	.1	-.5			
22S 19W 10RBA 01		52.6			2.2					
23S 15W 18DDR 01	QU	32.0	-24	-11.3	-1.4	-6	-1.4			
23S 16W 16RAR 01	QU	17.9	-5	-9.8	-.1	-1	-1.2			
23S 16W 35CCN 01										
23S 17W 10CDR 01	QU	35.0	-6	-9.6	-1.2	-2	-1.2			
23S 17W 25ADC 01	QU	20.5	-10	-7.8	-.4	-3	-1.0			
23S 17W 33CCA 01	QU	26.0	-4	-9.6	-.8	-1	-1.2			
23S 18W 28DAD 01	QU	8.9	-4	-2.6	.9	-1	-.3	46	42	-9
23S 18W 36DAC 01	QU	23.2	-2	-14.9	.4	-1	-1.9			



WATER-LEVEL CHANGE IN PAWNEE COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

PRATT COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1944	DEPTH TO WATER (FEET) 1974	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
26S 11W 01DB 01	QII	1801.		23	23.5			23.8	24.6	23.3	23.3	24.3
26S 11W 27AC 01	QII	1808.			23.1						22.9	24.1
26S 11W 29CB 01	QII	1830.			16.0				17.3	15.2	15.2	14.3
26S 12W 02DB 01	QII	1868.		27	27.4			28.6	28.9	27.8	26.7	28.2
26S 12W 17CA 01	QII	1906.		37	34.1			34.9		35.5	35.5	36.6
26S 12W 34DC 01	QII	1884.	207	46	43.2	44.6	45.6	45.9	47.3	44.2	45.4	45.7
26S 12W 34DC 02	QII	1884.		46	41.0	42.8	44.1		45.7		43.8	44.0
26S 13W 11AC 01	QII	1900.		8	8.4			15.1	16.4	14.9	16.1	19.9
26S 13W 16AA 01	QII	1929.		20	15.6			20.7	23.0	22.0	27.2	25.3
26S 13W 19BD 01	QII	1953.		18	14.4			19.9		22.3	25.1	25.4
26S 13W 34CB 01	QII	1950.		44	46.7	45.5	46.4	47.6	50.2	50.7	51.0	49.2
26S 14W 11AC 02	QII	1974.		9	11.9			18.3		4.6	4.7	
26S 14W 17CB 01	QII	2010.		10	16.5	16.0	16.5	19.6	23.3	22.2	25.2	26.0
26S 14W 22DB 01	QII	1983.		14	13.2			19.9		23.8	26.0	31.8
26S 14W 32BD 01	QII	2010.		18	15.8			21.0		23.1	27.0	28.7
26S 15W 08AC 01	QII	2050.		21						20.0	20.9	22.7
26S 15W 18AB 01	QII	2050.		11	4.8			13.0		12.9	14.5	15.7
26S 15W 35DB 01	QII	2042.		31	21.1			24.9	27.9	28.4		
27S 11W 12CB 01	QII	1783.	99	51	46.3			46.3	46.3	45.8	44.7	46.1
27S 11W 31DA 01	QA	1726.		8	2.7			6.4	4.4	3.5	6.0	4.9
27S 12W 12AA 01	QII											55.6
27S 12W 33CB 01	QII	1777.		3	1.2			2.8	2.7	2.7	2.9	3.2
27S 13W 10CB 01	QII	1945.	220	45	53.0			51.9	54.4	54.5	55.7	54.8
27S 13W 13DC 01	QII	1897.		72	57.0			58.3	58.7	58.7	59.6	58.8
27S 13W 31DB 01	QII	1878.		6	3.7			3.9	4.0	3.2	3.9	3.8
27S 14W 03DA 01	QII	1895.		35						40.8	47.5	43.6
27S 14W 12DB 01	QII	1983.	252	53	57.7	56.6	56.9	57.7	59.2	60.4	61.1	62.0
27S 14W 21CA 01	QII	1898.		39	34.2			38.7		33.3	30.8	41.5
27S 15W 08BD 01	QII	2059.	200	30	13.2			22.0	24.2	23.9	26.5	29.9
27S 15W 32CA 01	QII	2068.		48	45.9				47.1	47.8	51.0	50.1
27S 15W 34BD 01	QII	2071.		66	65.3			66.8	67.5	70.5	70.2	72.0
27S 15W 36AD 01	QII	2050.		75	73.7			68.4	70.1	71.7	72.9	76.1
28S 11W 07DA 01	QII	1793.		43						63.6	68.3	
28S 11W 12AC 01	QII	1755.		36	32.1			34.4	34.3	34.0	34.1	34.3
28S 11W 20CA 01	QII	1840.		70						69.4	68.5	69.3
28S 11W 23DA 01	QII	1757.		12	8.5			8.0	8.4	10.4	11.9	11.2
28S 12W 21AD 01	QII	1882.		83	81.8			83.3		82.7	82.6	
28S 13W 02DB 01	QII	1827.		9	8.1			9.3	10.5	9.1		13.1
28S 13W 17AA 01	QII	1838.		72	72.0			70.7	70.6	70.4	78.0	71.1
28S 13W 26DB 01	QII	1816.			81.0				80.5	81.0	88.5	92.1

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

PRATT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
28S 14W 14CCC 01	QII	1984.		80	76.9			77.5	78.9	77.8	78.1	78.2
28S 15W 10CCA 01	QII	2077.		85	94.6			96.2	99.2	99.8	97.4	104.4
28S 15W 23CCD 01	QII	2071.		109	108.0			105.2	105.6	105.9	106.5	113.2
29S 11W 09ADD 01	QII	1830.		55	48.9			53.4	54.1	54.2	52.7	53.7
29S 11W 29AAD 01	QII	1849.		63	57.4			61.5	62.1	62.4	60.6	61.8
29S 12W 20CCD 01	QII	1907.		95	98.4			102.7		106.7	104.8	109.4
29S 12W 22RAC 01	QII	1868.		66	65.6			65.6	66.2	66.6	66.6	70.0
29S 13W 31CAA 01	QII	1893.		31	30.6			28.5	29.0		31.6	31.9
29S 14W 17DRD 01		2012.								99.7	99.0	98.4
29S 15W 02CCA 01	QII	2035.			85.2				85.3	87.3	86.3	94.2
29S 15W 18ADA 01	QII	2050.		78	86.0			85.3	86.8	85.6	91.5	94.0

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

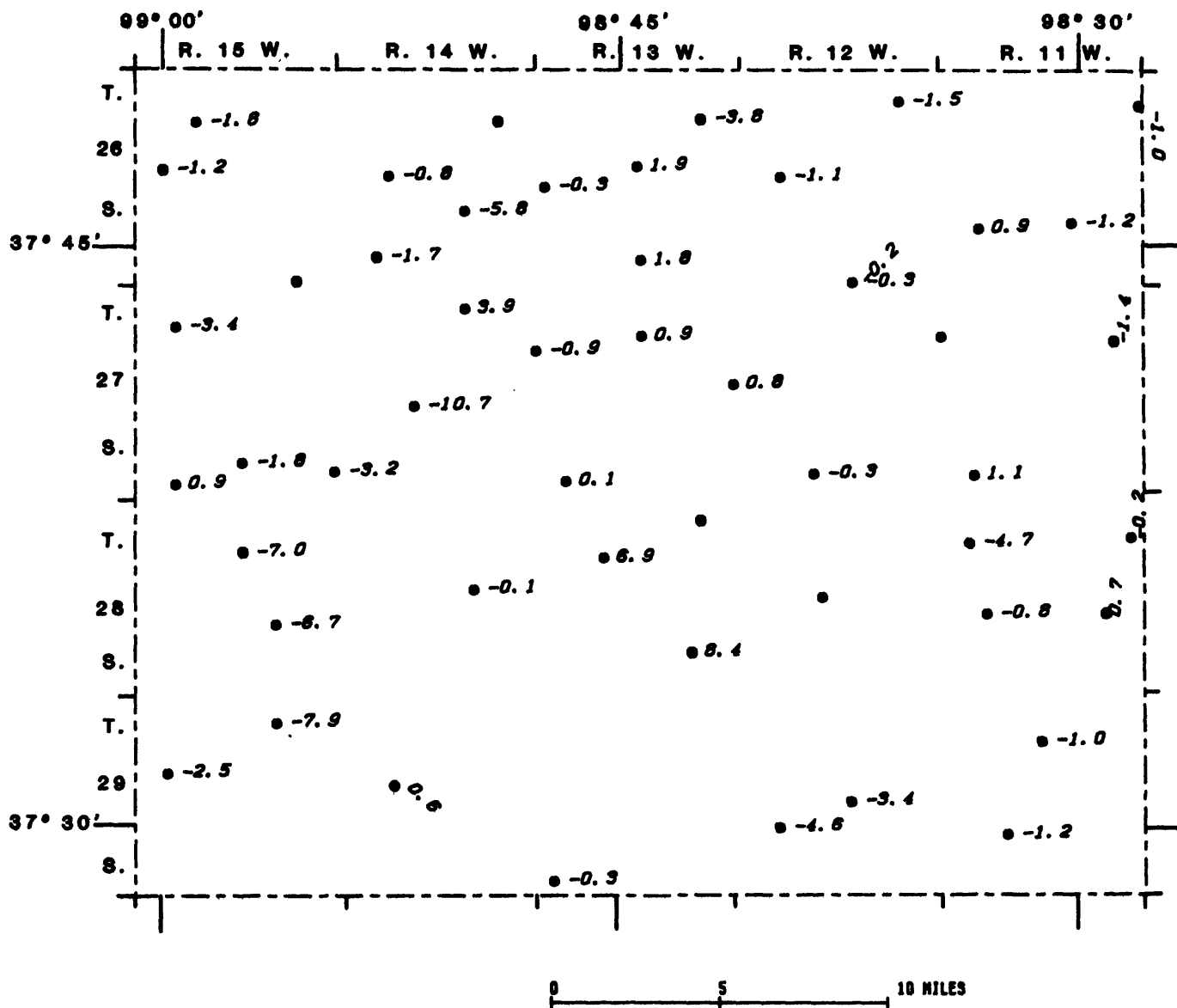
PRATT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
26S 11W 01NDB 01	QU	24.3	-1	-0.8	-1.0		-0.1			
26S 11W 27AAC 01	QU	24.1		-1.0	-1.2		-0.1			
26S 11W 29RCR 01	QU	14.3		1.7	.9		.2			
26S 12W 02DBD 01	QU	28.2	-1	-0.8	-1.5		-0.1			
26S 12W 17CCA 01	QU	36.6		-2.5	-1.1		-0.3			
26S 12W 34CDC 01	QU	45.7		-2.5	-0.3		-0.3	161	161	
26S 12W 34CDC 02	QU	44.0	2	-2.9	-0.2	.1	-0.4			
26S 13W 11AAC 01	QU	19.9	-12	-11.5	-3.8	-0.3	-1.4			
26S 13W 16DAA 01	QU	25.3	-5	-9.7	1.9	-0.1	-1.2			
26S 13W 19RBD 01	QU	25.4	-7	-11.0	-0.3	-0.2	-1.4			
26S 13W 34RCR 01	QU	49.2	-5	-2.5	1.8	-0.1	-0.3			
26S 14W 11AAC 02	QU									
26S 14W 17DCR 01	QU	26.0	-16	-9.5	-0.8	-0.4	-1.2			
26S 14W 22DBR 01	QU	31.8	-18	-18.6	-5.8	-0.5	-2.3			
26S 14W 32RBD 01	QU	28.7	-11	-12.9	-1.7	-0.3	-1.6			
26S 15W 08AAC 01	QU	22.7	-2	-10.9	-1.8	-0.1	-1.4			
26S 15W 18DAR 01	QU	15.7	-5		-1.2	-0.1				
26S 15W 35DDR 01	QU	46.1	5	.2	-1.4	.1		48	53	10
27S 11W 12CBC 01	QU	4.9	3	-2.2	1.1	.1	-0.3			
27S 11W 31DAA 01	QA									
27S 12W 12DAA 01		55.6								
27S 12W 33CRA 01	QU	3.2		-2.0	-0.3		-0.3			
27S 13W 10CBR 01	QU	54.8	-10	-1.8	.9	-0.3	-0.2	175	165	-6
27S 13W 13DDC 01	QU	58.8	13	-1.8	.8	.3	-0.2			
27S 13W 31DDR 01	QU	3.8	2	-0.1	.1	.1				
27S 14W 03DAC 01	QU	43.6	-9							
27S 14W 12DDO 01	QU	62.0	-9	-4.3	3.9	-0.2	-0.5	199	190	-5
27S 14W 21CAR 01	QU	41.5	-3	-7.3	-0.9	-0.2	-0.9			
27S 15W 08RBD 01	QU	29.9		-16.7	-3.4		-2.1	170	170	
27S 15W 32CCA 01	QU	50.1	-2	-4.2	.9	-0.1	-0.5			
27S 15W 34RBD 01	QU	72.0	-6	-6.7	-1.8	-0.2	-0.8			
27S 15W 36ADD 01	QU	76.1	-1	-2.4	-3.2		-0.3			
28S 11W 07DAR 01	QU	68.3	-25		-4.7	-0.7				
28S 11W 12ACC 01	QU	34.3	2	-2.2	-0.2	.1	-0.3			
28S 11W 20CAC 01	QU	69.3	1		-0.8					
28S 11W 23DAC 01	QU	11.2	1	-2.7	.7		-0.3			
28S 12W 21RAD 01	QU									
28S 13W 02DDC 01	QU	13.1	-4	-5.0		-0.1	-0.6			
28S 13W 17AAA 01	QU	71.1	1	.9	6.9		-0.1			
28S 13W 26DCR 01	QU	92.1		-1.1	6.4		-0.1			

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

PRATT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
28S 14W 14CCC 01	QII	78.2	2	-1.3	-.1	.1	-.2			
28S 15W 10CCA 01	QII	104.4	-19	-9.8	-7.0	-.5	-1.2			
28S 15W 23CCD 01	QII	113.2	-4	-5.2	-6.7	-.1	-.7			
29S 11W 09ADD 01	QII	53.7	1	-4.8	-1.0		-.6			
29S 11W 29AAD 01	QII	61.8	1	-4.4	-1.2		-.6			
29S 12W 20CCD 01	QII	109.4	-14	-11.0	-4.6	-.4	-1.4			
29S 12W 22BAC 01	QII	70.0	-4	-4.4	-3.4	-.1	-.6			
29S 13W 31CAA 01	QII	31.9	-1	-1.3	-.3		-.2			
29S 14W 17DBD 01		98.4			.6					
29S 15W 02CCA 01	QII	94.2		-9.0	-7.9		-1.1			
29S 15W 18ADA 01	QII	94.0	-16	-8.0	-2.5	-.4	-1.0			



WATER-LEVEL CHANGE IN PRATT COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

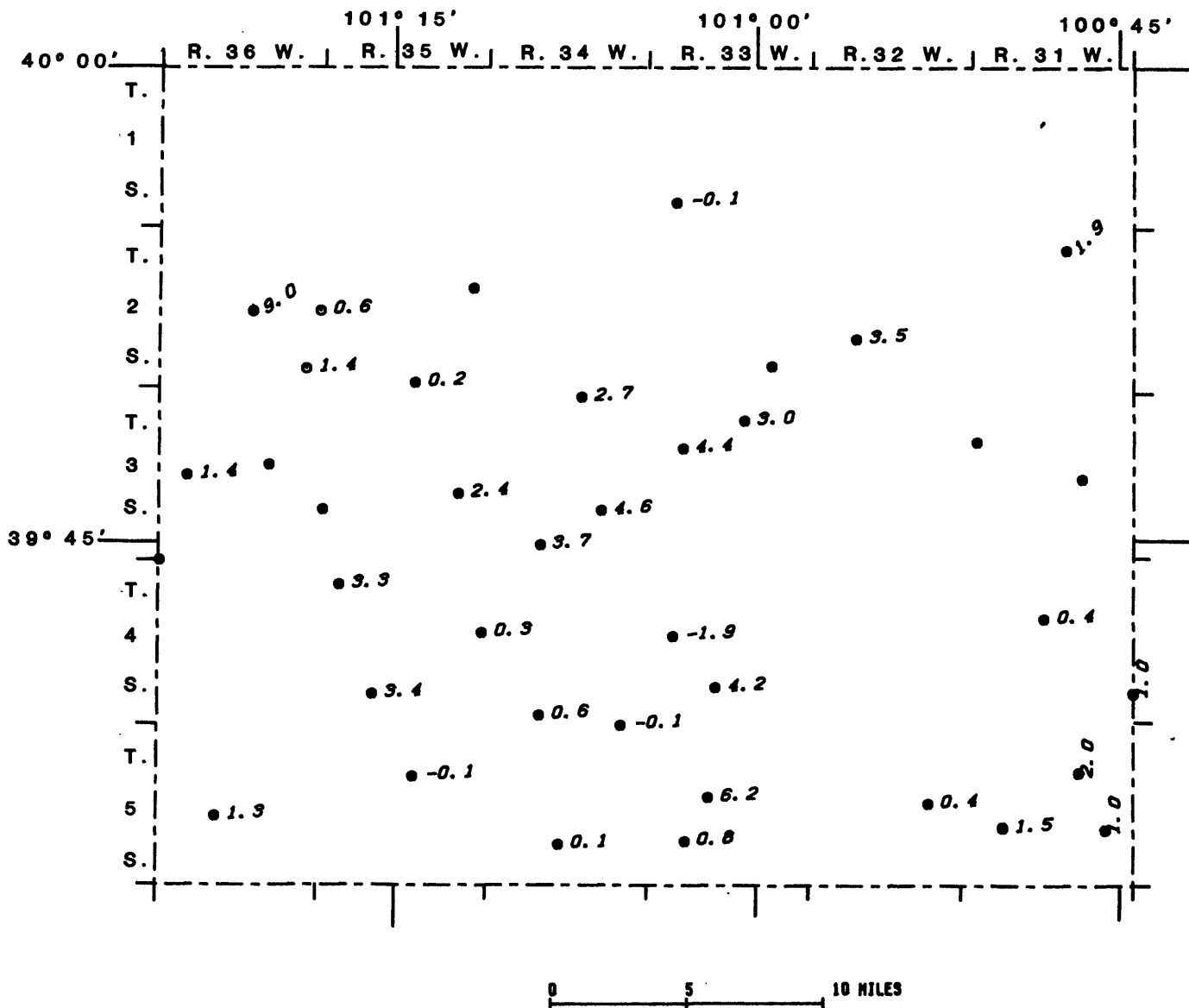
RAWLINS COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)								DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1976	1977	1978	1979	1980	1981	1980	1981	1979	1980	1981	1980	1981	1982
01S 33W 29CCC 01	TN	2992.	144	115	115.6	115.0	118.1	114.3	114.1	114.1	114.0	114.1	114.0	114.1	114.1	114.0	114.1	114.1	114.1
02S 31W 03FAD 01	QA	2665.	42	15	14.7	18.2	19.2	17.9	19.5	19.0	20.3	18.4	19.0	19.5	19.0	20.3	18.4	19.0	18.4
02S 32W 20DCD 01	QA	2735.	32	5	8.3	11.9	12.8	12.8	14.2	14.2	15.4	14.2	15.4	14.2	15.4	15.4	14.2	15.4	14.2
02S 33W 26DCC 01	QA	2798.	46	13	19.8	24.4	24.4	23.4	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
02S 35W 13ABR 01	TN	3178.	208	174	170.3	174.2	171.2	167.0	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5
02S 35W 34CAA 01	QA, TN	3064.	112	29	29.6	30.4	31.6	30.3	30.8	30.8	31.0	30.8	31.0	30.8	31.0	31.0	30.8	31.0	30.8
02S 36W 13DDO 01	TN	3286.	260	186	190.1	190.8	197.0	190.1	191.0	190.7	190.6	190.7	190.6	191.0	190.7	190.6	190.7	190.6	190.7
02S 36W 15CDD 01	TN	3334.	290	204	203.8	204.5	204.6	203.8	203.2	203.7	213.4	203.2	213.4	203.2	203.7	213.4	203.2	213.4	204.4
02S 36W 36RAA 01	TN	3263.	280	160	169.8	182.2	185.8	185.8	176.9	177.1	176.7	176.9	177.1	176.9	177.1	176.7	176.9	177.1	175.3
03S 31W 07CBD 01	TN	2960.	200	142	146.3	147.6	151.3	146.3	146.1	146.1	146.1	146.1	146.1	146.1	146.1	146.1	146.1	146.1	146.2
03S 31W 23ABR 01	TN	2849.	110	73	73.1	72.5	73.6	73.6	73.4	73.5	73.5	73.4	73.5	73.4	73.5	73.5	73.4	73.5	74.2
03S 33W 03DCC 01	QA	2823.	62	22	70.6	27.9	26.5	25.7	27.6	29.3	30.5	27.6	29.3	27.6	29.3	30.5	27.6	29.3	27.5
03S 33W 08DCC 01	QA	2855.	52	20	16.1	20.3	23.0	22.5	24.8	27.4	27.9	24.8	27.4	24.8	27.4	27.9	24.8	27.4	23.5
03S 34W 03ABR 01	QA	2882.	40	12	13.8	17.8	17.8	13.0	16.5	15.6	15.9	16.5	15.6	16.5	15.6	15.9	16.5	15.9	13.2
03S 34W 26RAC 01	QA	2900.	40	7	8.4	11.0	11.0	11.3	13.6	14.9	14.9	13.6	14.9	13.6	14.9	14.9	13.6	14.9	10.3
03S 34W 33RCC 01	QA	2945.	52	14	14.0	14.2	17.1	15.2	18.5	17.5	18.5	18.5	17.5	18.5	17.5	18.5	18.5	17.5	14.8
03S 35W 24CBB 01	QA	3001.	50	21	24.7	29.3	29.6	27.2	27.6	27.7	28.5	27.6	27.7	27.6	27.7	28.5	27.6	27.7	26.1
03S 35W 30RRC 01	TN	3332.	252	188	191.2	206.2	209.4	202.1	203.9	207.8	210.9	203.9	207.8	210.9	207.8	210.9	203.9	207.8	176.9
03S 36W 17CCC 01	TN	3375.	300	196	195.3	204.1	205.4	207.0	212.6	207.8	210.9	212.6	207.8	210.9	207.8	210.9	212.6	207.8	201.4
04S 31W 16ABD 01	QA	2761.	50	7	7.9	9.1	11.2	10.8	12.7	18.3	13.0	12.7	18.3	12.7	18.3	13.0	12.7	18.3	12.6
04S 31W 25DDO 01	QA	2755.	32	15	14.6	16.0	16.0	16.0	18.1	17.7	18.7	18.1	17.7	18.1	17.7	18.7	18.1	17.7	17.7
04S 33W 18DDA 01	TN	3068.	153	88	87.6	82.2	83.8	87.2	87.3	87.5	85.6	87.3	87.5	87.3	87.5	85.6	87.3	87.5	87.5
04S 33W 28DCA 01	TN	3125.	237	152	151.2	119.3	156.8	153.0	152.6	154.9	155.9	152.6	154.9	152.6	154.9	155.9	152.6	154.9	151.7
04S 34W 33CBC 01	TN	3160.	210	115	117.2	119.3	121.1	120.0	170.9	170.9	119.7	170.9	170.9	170.9	170.9	119.7	170.9	170.9	119.1
04S 35W 06DCC 01	TN	3252.	260	157	157.8	15.8	165.1	159.0	160.1	159.5	154.8	160.1	159.5	160.1	159.5	154.8	160.1	159.5	151.5
04S 35W 13DAD 01	QA	3002.	51	13	15.0	15.8	16.1	15.9	15.8	16.1	16.4	15.8	16.1	15.8	16.1	16.4	15.8	16.1	16.1
04S 35W 29DDO 01	TN	3219.	224	150	150.1	154.8	150.6	150.5	150.9	150.7	154.0	150.9	150.7	150.9	150.7	154.0	150.9	150.7	150.6
04S 36W 06RBR 01	TN	3370.	293	162	162.3	192.3	194.1	188.7	191.9	191.9	191.9	191.9	191.9	191.9	191.9	191.9	191.9	191.9	191.9
05S 31W 10DDA 01	TN	2820.	70	30	40.1	42.1	43.7	41.4	45.7	44.5	45.7	45.7	44.5	45.7	44.5	45.7	44.5	45.7	43.7
05S 31W 20CCA 01	TN	2865.	68	22	29.7	36.3	35.5	33.9	35.3	35.9	37.4	35.3	35.9	35.3	35.9	37.4	35.3	35.9	35.9
05S 31W 23DDO 01	TN	2950.	160	118	120.6	121.8	121.3	121.1	121.0	121.1	122.1	121.0	121.1	121.0	121.1	122.1	121.0	121.1	121.1
05S 32W 14CDD 01	TN	3020.	180	130	130.8	132.7	132.1	130.6	130.8	131.7	130.8	130.8	131.7	130.8	131.7	130.8	130.8	131.7	130.4
05S 33W 16CAC 01	TN	3042.	115	12	17.0	17.9	19.3	18.8	19.6	20.0	20.0	19.6	20.0	19.6	20.0	20.0	19.6	20.0	19.2
05S 33W 29RDA 01	TN	3137.	237	116	114.3	114.0	115.1	115.5	116.2	116.0	116.0	116.2	116.0	116.2	116.0	116.0	116.2	116.0	116.1
05S 34W 01RRR 01	TN	3207.	247	127	134.1	134.9	134.9	134.2	135.1	135.9	135.1	135.1	135.9	135.1	135.9	135.1	135.9	135.1	135.0
05S 34W 28ADC 01	TN	3267.	277	167	165.8	165.8	165.8	168.1	168.1	167.7	167.6	168.1	167.7	168.1	167.7	167.6	168.1	167.7	167.7
05S 35W 10CDD 01	QA, TN	3220.	155	17	15.5	19.3	20.1	18.9	19.9	19.9	20.0	19.9	19.9	19.9	19.9	20.0	19.9	19.9	18.7

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

RAWLINS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
01S 33W 29CCC 01	TU	114.1	1	1.5	-1.1	-1.1	-1	29	30	3
02S 31W 03CAD 01	QA	18.4	-3	-3.7	1.9	-1.1	-2	27	24	-11
02S 32W 20DCD 01	QA	11.9	-7	-3.6	3.5	-2	-2	27	20	-26
02S 33W 26DCC 01	QA	23.6	-11	-3.8		-3	-2	33	22	-33
02S 35W 13ABB 01	TU	169.8	4	.5		.1	-2	34	38	12
02S 35W 34CAA 01	QA, TU	30.8	-2	-1.2	.2	-1.1	-1	83	81	-2
02S 36W 13DDO 01	TU	190.0	-4	.1	.6	-1.1	-1	74	70	-5
02S 36W 15CDD 01	TU	204.4		-6	9.0			86	86	
02S 36W 36RAA 01	TU	175.3	-15	-5.5	1.4	-5	-3	120	105	-13
03S 31W 07CBD 01	TU	146.2	-4	.1		-1	-1	58	54	-7
03S 31W 23RRR 01	TU	74.2	-1	-1.1		-1	-1	46	45	-2
03S 33W 03DCC 01	QA	27.5	-6	-6.9	3.0	-2	-4	40	35	-13
03S 33W 08CDC 01	QA	73.5	-4	-7.4	4.4	-1	-5	32	29	-9
03S 34W 03ABR 01	QA	13.2	-1	.6	2.7			28	27	-4
03S 34W 26BAC 01	QA	10.3	-3	-1.8	4.6	-1	-1	33	30	-9
03S 34W 33RCC 01	QA	14.8	-1	-7	3.7	-2	-1	38	37	-3
03S 35W 24CBB 01	QA	26.1	-5	-1.4	2.4			29	24	-17
03S 35W 30RBC 01		176.9							75	
03S 36W 14CBB 01	TU	201.4	-13	-10.1	1.4	-4	-6	121	108	-11
03S 36W 17CCC 01	TU	209.5	-14	-14.1		-4	-9	104	91	-13
04S 31W 16ABD 01	QA	12.6	-6	-4.7	.4	-2	-3	43	37	-14
04S 31W 25DDO 01	QA	17.7	-3	-3.0	1.0	-1	-2	17	14	-18
04S 33W 18DDA 01	TU	87.5	1	.2	-1.9			65	66	2
04S 33W 28RCA 01	TU	151.7	-4	-4	4.2	-1	-1	85	85	
04S 34W 33CBC 01	TU	119.1	-4	-1.9	.6			95	91	-4
04S 35W 06DCD 01	TU	151.5	6	6.3	3.3	.2	.4	103	109	6
04S 35W 13DAD 01	QA	16.1	-3	-1.0	.3	-1	-1	38	35	-8
04S 35W 29DDO 01	TU	150.6	-1	-4	3.4			74	73	-1
04S 36W 06RRR 01	TU	43.7	-14	-3.5	2.0	-4	-2	40	26	-35
05S 31W 10DDA 01	TU	35.9	-14	-6.2	1.5	-4	-4	46	32	-30
05S 31W 20CCA 01	TU	121.1	-3	-5	1.0	-1	-1	47	39	-7
05S 32W 14CDD 01	TU	130.4		.5	.4			50	50	
05S 33W 16CAC 01	TU	111.7	-7	-2.2	6.2	-2	-1	103	96	-7
05S 33W 29RDA 01	TU	19.2			.8					
05S 34W 01RRR 01	TU	116.1		-1.7	-1	-1	-1	121	121	
05S 34W 28ADC 01	TU	135.0	-8	-9	.1	-3	-1	120	112	-7
05S 35W 10CDD 01	TU	167.7	-1	-1.9	-1	-1	-1	110	109	-1
05S 36W 21RCD 01	QA, TU	18.7	-2	-3.2	1.3	-1	-2	138	136	-1



WATER-LEVEL CHANGE IN RAWLINS COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

RENO COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1944	1974	1976	1977	1978	1979	1980	1981	1982	1982	1982	1982	1982	1982
				(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
22S 07W 17DCR 01	QII	1596.			2.0											7.8	
22S 08W 09DHR 01	QII	1670.		35												31.5	32.7
22S 08W 23DAD 01	QII	1651.			29.3											27.8	30.2
22S 08W 33CCD 01	QII	1658.			4.2											7.0	9.4
22S 09W 03RBD 01	QII	1712.		20	29.1			32.6								35.2	34.6
22S 09W 17RAR 01	QII	1732.		10	9.8			19.9	8.6							19.6	19.6
22S 09W 25RBA 01	QII	1705.			18.9												
22S 10W 02DCC 01	QII	1736.		12	1.6			9.2								10.7	9.1
22S 10W 08RBR 01	QII	1764.		6	5.9			13.5								15.9	12.8
22S 10W 30DAA 01	QII	1775.		10	3.9			8.8								11.3	6.5
23S 06W 31DCR 01	QII	1577.		27	32.4	31.8	32.5	32.1	31.7							31.0	32.1
23S 07W 01ABA 01	QII	1567.		7	5.3											8.2	7.6
23S 07W 05ABA 01	QII	1623.		20	22.5											26.8	28.0
23S 07W 13DDO 01	QII	1604.		49	52.8				53.2							52.6	52.7
23S 07W 17RBC 01	QII	1615.		10	10.3											12.6	
23S 07W 26RBR 01	QII	1607.		37	40.3											37.4	35.7
23S 08W 18AAD 01	QII	1675.		15	10.5				16.7							14.6	15.7
23S 09W 05CRD 01	QII	1740.		9	12.0			20.0								18.0	18.6
23S 09W 21DDB 01	QII	1732.		7	3.2			11.6	12.5							12.0	11.8
23S 09W 35CCR 01	QII	1718.	110	10	13.6	23.0	25.0	19.4	21.2	15.6						20.7	20.4
23S 10W 02RAB 01	QII	1751.		7	3.0			7.4								8.2	7.1
23S 10W 07CAD 01	QII	1780.		5	2.1			6.3								6.5	5.7
23S 10W 25CAC 01	QII	1752.		18	4.5			13.1								11.9	11.8
24S 05W 18ABD 01	QII	1544.		29	31.8											33.1	34.4
24S 07W 08ADA 01	QII	1636.		34	48.7											47.0	49.0
24S 07W 28AAA 01	QII	1588.		13	14.1												
24S 08W 04AB 01	QII	1660.		13					13.1	11.5						12.3	12.1
24S 08W 18RAC 01	QII	1649.			2.5											14.3	17.5
24S 08W 34DAC 01	QII	1590.			6.4											5.5	5.0
24S 09W 19DDB 01	QII	1704.		17	21.9			22.9	23.6	22.2						21.9	22.9
24S 10W 06DDB 01	QII	1797.		17	17.9			22.4								20.2	22.1
24S 10W 17DDC 01	QII	1755.		9	11.8			.9	16.5	14.7						15.3	15.0
25S 07W 07RBD 01	QII	1602.			24.3				24.8	23.2						23.1	23.2
25S 07W 36CCC 01	QII	1570.			24.5				28.0	26.0						26.1	26.8
25S 08W 19ADB 01	QII	1607.			7.3					7.7						9.5	9.4
25S 09W 01DCD 01	QII	1658.		10	12.8			13.6								13.6	14.6
25S 09W 17RBC 01	QII	1710.		7	12.6			13.7	15.4	14.1						14.6	14.9
25S 09W 30NDA 01	QII	1693.		15	16.0			14.4	15.5	17.0						17.8	17.3
25S 10W 14RBR 01	QII	1748.	115	25	24.9			25.4		25.3						24.6	24.6
25S 10W 19ABD 01	QII	1790.		33	27.9			28.5	25.9	28.0						28.1	28.4

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

RENO COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO REDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
26S 06W 13RAR 01	QII	1475.		7.2					9.9	6.8	9.5	7.8
26S 06W 19DCD 01	QII	1575.		24.8						25.8	25.5	26.0
26S 06W 34RRC 01	QII	1545.		17.6						18.1	18.9	19.5
26S 07W 12DCC 01	QII	1582.		30.6					32.0	31.4	31.2	31.6
26S 07W 21DDC 01	QII	1620.		21.5					24.4	23.5	19.8	20.9
26S 08W 09ARA 01	QII	1569.							7.0	6.7	6.7	6.9
26S 08W 26CAR 02	QUI	1610.		3.2					4.2	2.9	4.0	3.7
26S 08W 30DCR 01	QII	1680.		32.5					35.1	33.8	32.7	33.0
26S 09W 10DDA 01	QUI	1686.		19.8				19.7		22.1	21.6	21.8
26S 09W 18AAA 01	QUI	1668.		8.3				8.2	8.6	6.6	8.3	8.5
26S 09W 34DBD 01	QUI	1685.		25.3				26.0		25.6	25.2	25.5
26S 10W 18CDC 01	QUI	1797.		13	24.6	24.5	24.3	25.2	24.7	24.2	23.7	24.3
26S 10W 32RBD 01	QUI	1760.		5	24.5			25.3	26.9	24.5	25.2	25.5

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

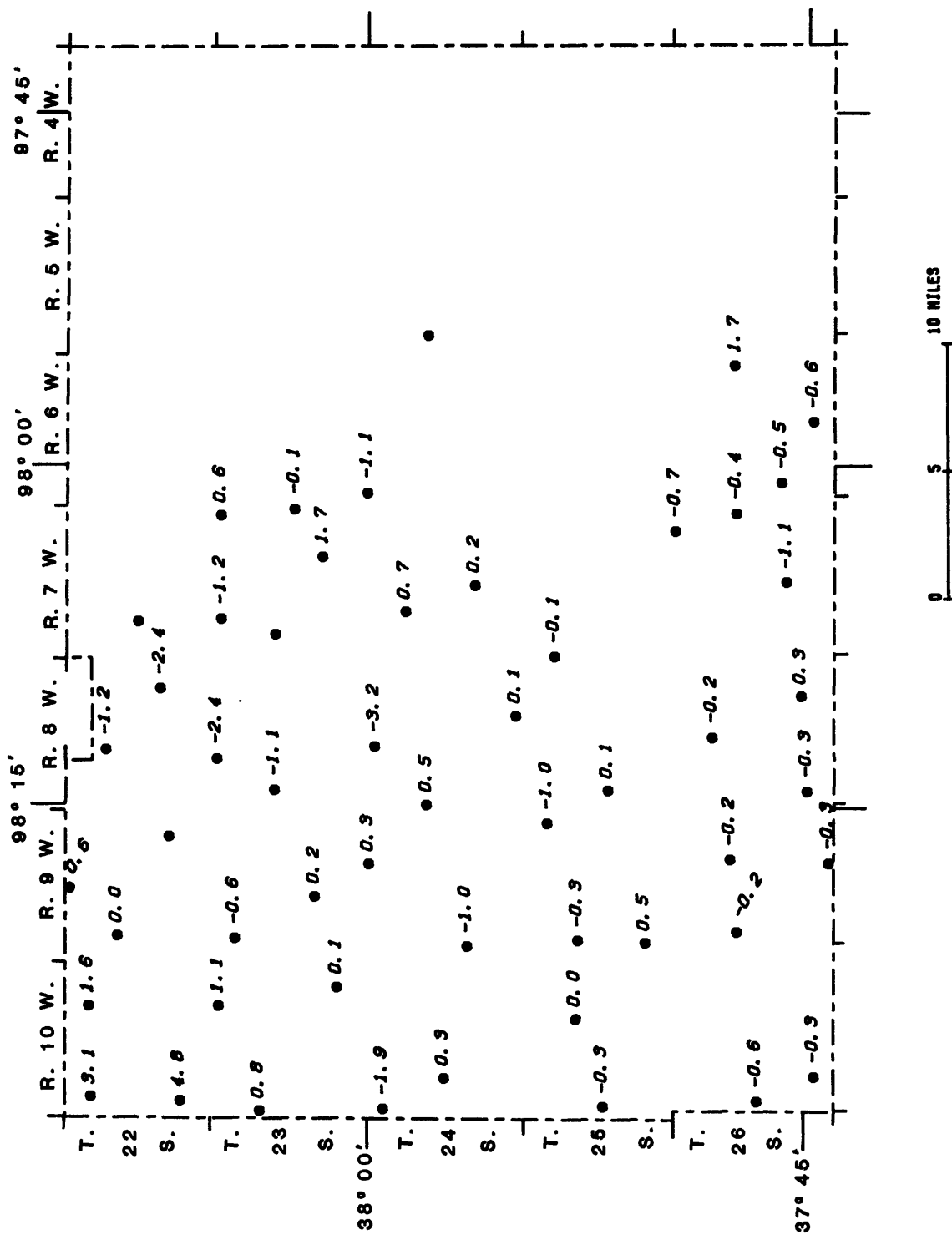
RENO COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
22S 07W 17DCR 01	QU	7.8		-5.7			-0.7			
22S 08W 09DBR 01	QU	32.7	2		-1.2	.1				
22S 08W 23DAD 01	QU	30.2		-9	-2.4		-0.1			
22S 08W 33CCD 01	QU	9.4		-5.2	-2.4		-0.7			
22S 09W 03RBD 01	QU	34.6	-15	-5.5	.6	-0.4	-0.7			
22S 09W 17RAR 01	QU	19.6	-10	-9.8	.0	-0.3	-1.2			
22S 09W 25RBA 01	QU									
22S 10W 02DCC 01	QU	9.1	3	-7.5	1.6	.1	-0.9			
22S 10W 08RBR 01	QU	12.8	-7	-6.9	3.1	-0.2	-0.9			
22S 10W 30DAA 01	QU	6.5	4	-2.6	4.8	.1	-0.3			
23S 06W 31DCR 01	QU	32.1	-5	.3	-1.1	-0.1				
23S 07W 01ABA 01	QU	7.6	-1	-2.3	.6		-0.3			
23S 07W 05ABA 01	QU	28.0	-8	-5.5	-1.2	-0.2	-0.7			
23S 07W 13DDO 01	QU	52.7	-4	.1	-0.1	-0.1				
23S 07W 17RBC 01	QU									
23S 07W 26BR 01	QU	35.7	1	4.6	1.7		.6			
23S 08W 18AAD 01	QU	15.7	-1	-5.2	-1.1		-0.7			
23S 09W 05CBO 01	QU	18.6	-10	-6.6	-0.6	-0.3	-0.8			
23S 09W 21DDR 01	QU	11.8	-5	-8.6	.2	-0.1	-1.1			
23S 09W 35CC 01	QU	20.4	-10	-6.8	.3	-0.3	-0.9	100	90	-10
23S 10W 02BAR 01	QU	7.1		-4.1	1.1		-0.5			
23S 10W 07CAD 01	QU	5.7	-1	-3.6	.8		-0.5			
23S 10W 25CAC 01	QU	11.8	6	-7.3	.1	.2	-0.9			
24S 05W 18ABD 01	QU									
24S 07W 08ADA 01	QU	49.0	-15	-0.3	.7	-0.4				
24S 07W 28AAA 01	QU	12.1	1	2.0	.2		.3			
24S 08W 04AB 01	QU	17.5	-5		-3.2	-0.1				
24S 08W 18RAC 01	QU	5.0		-2.5	.5		-0.3			
24S 08W 34DAC 01	QU	6.2		.2	.1					
24S 09W 19DDR 01	QU	22.9	-6	-1.0	-1.0	-0.2	-0.1			
24S 10W 06DBR 01	QU	22.1	-5	-4.2	-1.9	-0.1	-0.5			
24S 10W 17DDC 01	QU	15.0	-6	-3.2	.3	-0.2	-0.4			
25S 07W 07RBD 01	QU	23.2		1.1	-0.1		.1			
25S 07W 36CCC 01	QU	26.8		-2.3	-0.7		-0.3			
25S 08W 19ADR 01	QU	9.4		-2.1	.1		-0.3			
25S 09W 01DCD 01	QU	14.6	-5	-1.8	-1.0	-0.1	-0.2			
25S 09W 17RBC 01	QU	14.9	-8	-2.3	-0.3	-0.2	-0.3			
25S 09W 30DDA 01	QU	17.3	-2	-1.3	.5	-0.1	-0.2	90	90	
25S 10W 14RBR 01	QU	24.6		.3	.0					
25S 10W 19ABD 01	QU	28.4	5	-0.5	-0.3	.1	-0.1			

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

RENO COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
26S 06W 13RAB 01	QU	7.8		-0.6	1.7		-0.1			
26S 06W 19DCD 01	QU	26.0		-1.2	-0.5		-0.2			
26S 06W 34RBC 01	QU	19.5		-1.9	-0.6		-0.2			
26S 07W 12DCC 01	QU	31.6		-1.0	-0.4		-0.1			
26S 07W 21DDC 01	QU	20.9		.6	-1.1		.1			
26S 08W 09ABA 01	QU	6.9			-0.2					
26S 08W 26CAR 02	QU	3.7		-0.5	.3		-0.1			
26S 08W 30DCR 01	QU	33.0		-0.5	-0.3		-0.1			
26S 09W 10DDR 01	QU	21.8	4	-2.0	-0.2	.1	-0.3			
26S 09W 18AAA 01	QU	8.5	9	-0.2	-0.2	.2				
26S 09W 34PBD 01	QU	25.5	-1	-0.2	-0.3					
26S 10W 18CDC 01	QU	24.3	-11	.3	-0.6	-0.3				
26S 10W 32RBD 01	QU	25.5	-21	-1.0	-0.3	-0.6	-0.1			



WATER-LEVEL CHANGE IN RENO COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

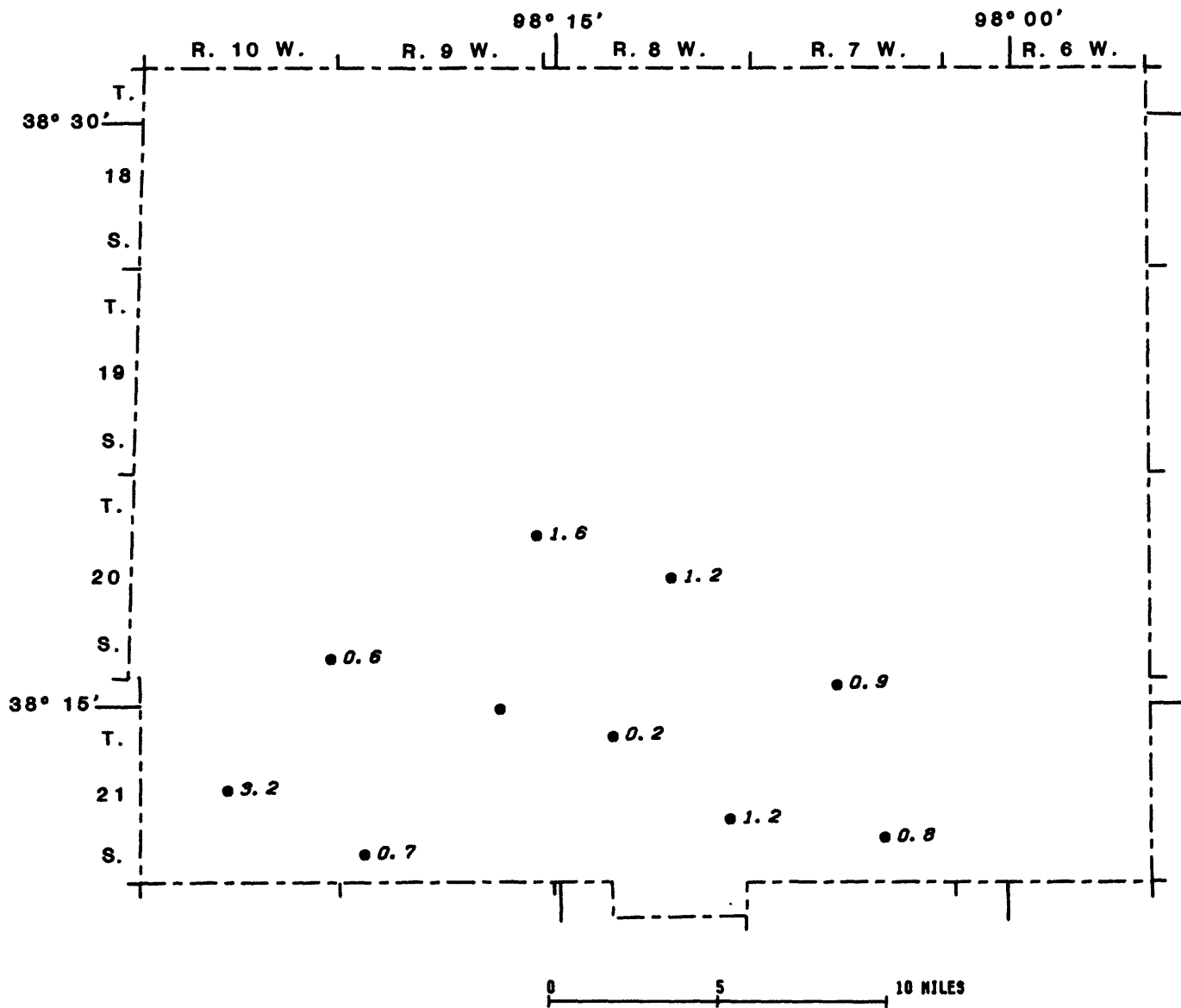
RICE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1944	DEPTH TO WATER (FEET) 1974	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
20S 08W 22AAA 01		1644.		14						14.2	15.0	13.8
20S 09W 120DA 01	QA	1664.		11	8.3	11.0	13.7	11.7	13.1	13.4	14.1	12.5
20S 10W 36ACD 01		1715.		10				12.5	13.4	13.4	13.7	13.1
21S 07W 04AAC 01		1615.		14				12.6	13.6	12.9	14.1	13.2
21S 07W 26CBD 01		1595.		10				7.8	9.9	8.7	11.0	10.2
21S 08W 09CRD 01		1647.		9				8.9	10.3	9.5	11.4	11.2
21S 08W 25ABR 01		1620.		7				8.9	4.1	3.3	6.2	5.0
21S 09W 02DDA 01		1670.		9				10.7	12.4	12.1		12.8
21S 09W 31AAC 01	QA	1705.		13	14.8			12.7	14.6	11.8	13.9	13.2
21S 10W 21ADR 01	QH	1720.		5	2.0			8.1	8.9	8.7	8.6	5.4

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

RICE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE, 1944-82 (FEET)	WATER LEVEL CHANGE, 1974-82 (FEET)	WATER LEVEL CHANGE, 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE, 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE, 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
20S 08W 22AAA 01		13.8			1.2					
20S 09W 12DDA 01	QA	12.5	-2	-4.2	1.6	-.1	-.5			
20S 10W 36ACD 01		13.1	-3		.6	-.1				
21S 07W 04AAC 01		13.2	1		.9					
21S 07W 26CBD 01		10.2			.8					
21S 08W 09CBD 01		11.2	-2		.2	-.1				
21S 08W 25ABR 01		5.0	2		1.2	.1				
21S 09W 02DDA 01		12.8	-4			-.1				
21S 09W 31AAC 01	QA	13.2		1.6	.7		.2			
21S 10W 21ADR 01	OH	5.4		-3.4	3.2		-.4			



WATER-LEVEL CHANGE IN RICE COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SCOTT COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)
				1950	1966	1976	1977	1978	1979	1980	1981	1982	
16S 31W 17NDD 01	TN	2931.	161	118	119.9	118.2	122.6	120.8	121.8				
16S 31W 23CCC 01	TN	2906.	174	120		133.9	133.9	126.1	173.5				
16S 31W 31RCR 01	TN	2958.	168	127	128.4	133.8	139.4	138.9	139.5				
16S 32W 23RCD 01	TN	2976.	171	136	140.7	143.4	148.9	141.8	152.6				
16S 33W 07CCC 01	TN	3090.	193	130	143.6	154.0	155.1	155.9	159.1				
16S 33W 19CBA 01	TN	3097.	192	124	140.7	156.4	156.7	157.3	162.9				
16S 33W 21RCC 01	TN	3078.	188	145	151.6	163.2	164.0	165.2	169.0				
16S 33W 24NAR 01	TN	2855.	58	6	10.4	12.1	11.1	11.3	12.5				
16S 33W 25RCC 01	TN	2879.	84	5		11.2	9.7	10.2	12.4				
16S 33W 31CBA 01	TN	3098.	203	117	129.0	143.4	143.4	145.8	147.5				
16S 33W 33RAA 01	TN	3066.	194	130		144.4	145.2		150.6				
16S 34W 09CCR 01	TN	3146.	181	118	133.5	146.7	148.5	151.4	153.1				
16S 34W 13RCR 01	TN	3110.	187	129			154.9	156.1	164.6				
16S 34W 20NRC 01	TN	3150.	190	118	130.8	151.9	154.6	156.2	164.0				
16S 34W 22RDC 01	TN	3128.	196	113	136.7	155.5	156.3	158.2	161.6				
16S 34W 29CBA 01	TN	3160.	181	119	134.1	153.6	155.4	156.2	162.9				
16S 34W 31RBA 02	TN	3170.	200	120					166.6				
16S 34W 34CBA 01	TN	3135.	190	114	129.5	149.7	152.7	154.1	165.4				
17S 31W 04NCC 01	TN	2937.	170	117			122.0	121.2	126.6				
17S 31W 14CCD 01	TN	2914.	164	94			102.9	104.6	100.9				
17S 31W 25RCC 01	TN	2914.	170	88	89.7	96.8		97.3	106.3				
17S 31W 31RBA 01	TN	2958.	178	87	104.2		105.5	107.5	112.3				
17S 31W 35CCR 01	TN	2925.	147	86			95.1	94.1	99.3				
17S 32W 16RBA 01	TN	2980.	231	88			170.1	126.9	131.5				
17S 32W 27RBA 01	TN	2990.	180	95	107.0	126.6	129.5	131.3	133.8				
17S 32W 31RCR 01	TN	2984.	245	68	88.6	108.2	110.9	114.5	123.4				
17S 32W 34CAA 01	TN	2980.	162	88	102.1	117.9	121.6	127.5	129.2				
17S 33W 07RBA 01	TN	3093.	202	112	134.5	143.6	145.2	146.8	150.3				
17S 33W 13NDD 01	TN	2990.	241	79			117.5	119.1	130.9				
17S 33W 14ACR 01	TN	3014.	214	93	175.8	125.6	128.1	129.9	134.3				
17S 33W 16ABC 01	TN	3050.	188	101	171.2	135.6	137.0						
17S 33W 28CDA 01	TN	3035.	190	84	99.9	118.3		132.0	137.4				
17S 34W 06RCR 01	TN	3163.	194	108	118.5	134.2	135.2	136.7	141.6				
17S 34W 16ACR 01	TN	3134.	194	107	112.1	120.2	122.3	122.0	123.2				
17S 34W 25NBA 01	TN	3092.	180	103	114.5	125.6	130.6	131.2	134.8				
17S 34W 27ABA 01	TN	3113.	188	102			118.9	119.4	121.8				
17S 34W 28CCR 01	TN	3138.	184	98	107.7	120.9	123.8	123.1	124.6				
18S 31W 20ABA 01	TN	2951.	136	81	78.5		82.0	84.3	79.1				
18S 31W 24RCR 01	TN	2913.	110	68	72.5		75.2	76.8	75.5				
18S 31W 27ABA 01	TN	2930.	105	70			70.0	69.7	69.6				

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SCOTT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
18S 32W 14RB 01	TN	2980.	175	85	98.4	113.4	109.9	109.0	110.8	111.0	111.1	113.2
18S 32W 17AB 01	TN	2970.	140	62	78.0	96.3	99.9	101.7	109.2	109.8		114.7
18S 32W 20CB 01	TN	2958.	179	43	59.1	80.8	83.5	58.0	86.6	87.4	91.4	94.5
18S 33W 03CB 01	TN	3008.	182	71	83.1	114.7	114.2	113.3	113.4	114.8		120.8
18S 33W 05CC 01	TN	3041.	119	75	84.7	92.1	102.9	93.8	94.6	97.5	96.3	97.5
18S 33W 11AB 01	TN	2981.	199	55			102.9	103.1	107.3	106.2	108.4	111.6
18S 33W 15DD 01	TN	2958.	132				90.4	81.6	77.1	87.2	102.0	98.6
18S 33W 20CC 01	TN	3034.	117	69	88.7	96.3	97.5	97.2	98.5	99.0	98.4	99.6
18S 33W 26AD 02	TN	2952.	168	30	47.0	64.5	67.3	69.1	68.9	69.2	73.9	75.3
18S 33W 34AD 01	TN	2960.	122	26					72.1	72.1	72.2	76.8
18S 33W 35AA 01	OA, TO	2939.	144	17	30.0	51.9	54.8	56.1	58.6	59.8	60.9	62.9
18S 34W 01CB 01	TN	3094.	166	96	107.5	119.9	115.9	116.8	118.8	120.8	121.3	124.8
18S 34W 05CB 01	TN	3148.	168	88			108.8	109.8	111.8	111.8	113.3	115.5
18S 34W 09CD 02	TN	3133.	163	90		102.5	105.1	107.4	108.2	109.2	109.9	110.3
18S 34W 18RB 01	TN	3154.	140	79	92.8		106.6	112.5	110.6	111.5	113.1	114.8
18S 34W 25RD 01	TN	3092.	132	90	95.8	106.8	114.9	108.8	109.9	110.7	110.7	111.6
18S 34W 30DC 01	TN	3154.	160	83	99.3	120.8	137.8	138.6	119.8	125.4	127.4	127.4
18S 34W 34RC 01	TN	3130.		90	100.6	114.2		118.0	114.7	117.9	118.0	119.0
19S 31W 20AD 01	KW	2982.				82.3	77.4	77.2	77.3	77.0	85.4	95.9
19S 32W 04DB 01	TN	2940.		25							35.1	37.2
19S 32W 06CC 01		2937.	199	21		49.7	53.0	54.7	58.8	60.7	63.0	65.7
19S 32W 32AC 01	OU, TO	2984.	204	69		80.1	83.2	81.3	84.3	83.6	83.4	84.8
19S 33W 06DB 01	TN, TO	3021.	117	59		66.6	66.9	65.6	65.3	66.0	63.5	63.4
19S 33W 12DD 01	OA, TO	2939.	200	25	29.5	44.5	45.8	47.3	50.0	50.1	51.3	52.6
19S 33W 15DB 01	TN	2964.	137	56	70.9		101.4	103.2	98.8	99.0	104.5	107.0
19S 33W 21AD 01	TN	2964.	124	57			105.2	106.3	107.6	107.7		108.5
19S 33W 25DC 01	OA, TO	2953.	214	42	59.7	80.3	81.3	81.8	91.2	90.4	89.7	92.0
19S 33W 29CB 02		2994.	174	76	101.0	118.1	125.7	119.9	123.2	120.5		117.8
19S 33W 34DC 01	OA, TO	2962.	162	50	79.4	92.3	94.0	94.9	96.6	96.5	97.0	97.4
19S 34W 16AD 01	TN	3065.	80	50		54.3	55.2		59.0	59.0	58.2	59.1
19S 34W 19DCC 01		3138.									125.8	125.2
19S 34W 34RB 01	TN	3088.	140	116				123.7	126.7		118.1	117.6
20S 31W 14CB 01	OA, TO	2863.	90				27.1	36.9	74.8		38.9	37.8
20S 32W 07CB 01		2939.	204	33		69.8	74.8		76.6	78.3	79.3	81.6
20S 32W 16AD 01	TN	2955.	155	57		105.6		119.5	122.6	123.9		
20S 32W 20DB 01		2930.		34								127.8
20S 32W 30CD 01	TN	2917.	187	25			74.1	75.3	79.1	81.1	84.0	87.6
20S 32W 32CD 01	OA, TO	2920.	175	37	49.0	68.6	78.5		68.0	86.5	90.1	92.7
20S 33W 02DB 01		2955.	155	50	76.6	92.3	94.5	92.9	99.0	101.9		
20S 33W 05RB 01	TN	2985.	125	67			112.5	112.8		117.2		110.4

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SCOTT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1950	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
20S 33W 09RB 01	TO	2973.	128	60	84.5	91.8	92.6	93.7	94.7	96.0	97.0	99.3
20S 33W 10BC 01	QA, TO	2957.	177	50	84.6				109.8	110.6		113.7
20S 33W 17RB 01	TO	2974.	132	62	84.8	106.6	109.2	111.5	113.1	115.8		115.8
20S 33W 21AB 01		2957.	147	48	50.9		110.9			116.0		129.2
20S 33W 26CB 03	TO	2938.	153	43			94.0	94.5	96.1	96.9	98.8	100.4
20S 33W 35DB 01	QA, TO	2929.	147	40	53.2	75.6	85.0	83.1	90.0	91.8	88.5	91.0
20S 34W 02DB 01	TO	3015.	109	70	74.3	79.3	80.0	79.9		80.7	84.1	80.4
20S 34W 15BA 01	TO	3060.	138	97			102.5	102.8		103.1	105.0	103.1
20S 34W 36CD 01	TO	2962.	107	53		82.2	80.3	80.2	80.1	79.3	79.4	79.6

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SCOTT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1982-83 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	WATER LEVEL CHANGE 1980-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
16S 31W 17DDD 01	T0	121.8	-4				43	39	-9
16S 31W 23CCC 01	T0	125.6	-6				54	48	-11
16S 31W 31RCR 01	T0	136.6	-10	-8.2		-0.5	41	31	-24
16S 32W 23RCD 01	T0	148.8	-13	-8.0		-0.5	35	22	-37
16S 33W 07CCC 01	T0	164.5	-35	-20.0		-1.3	63	29	-54
16S 33W 19CBR 01	T0	160.1	-36	-19.4	1.1	-1.2	68	32	-53
16S 33W 21RCC 01	T0	165.2	-20	-13.6	3.8	-0.9	43	23	-47
16S 33W 24DAR 01	T0	11.7	-6	-1.3	.8	-0.1	52	46	-12
16S 33W 25BCC 01	T0	12.6	-8				79	71	-10
16S 33W 31CBR 01	T0	149.2	-32	-20.2		-1.3	86	54	-37
16S 33W 33RAA 01	T0	148.6	-19				64	45	-30
16S 34W 09CCR 01	T0	155.9	-38	-22.4		-1.4	63	25	-60
16S 34W 13RCR 01	T0	162.2	-33		-1.3		58	25	-57
16S 34W 20RRC 01	T0	164.4	-46	-33.6	1.7	-2.1	72	26	-64
16S 34W 22RDC 01	T0	162.4	-49	-25.7	.7	-1.6	83	34	-59
16S 34W 29CBR 01	T0	168.2	-49	-34.1	-5.3	-2.1	62	13	-79
16S 34W 31RBR 02	T0	164.4	-44		2.2		80	36	-55
16S 34W 34CBR 01	T0	169.1	-55	-39.6	-3.7	-2.5	76	21	-72
17S 31W 04DCC 01	T0	130.3	-13				53	40	-25
17S 31W 14CCD 01	T0	111.1	-17				70	53	-24
17S 31W 25RCC 01	T0	103.4	-15	-13.6	2.9	-0.9	82	67	-18
17S 31W 31RBR 01	T0	115.3	-28		.7		91	63	-31
17S 31W 35CCR 01	T0	101.8	-16		-2.6		61	45	-26
17S 32W 16RBR 01	T0	145.8	-58				143	85	-41
17S 32W 27RBR 01	T0								
17S 32W 31RCR 01	T0								
17S 32W 34CAA 01	T0								
17S 33W 07RBR 01	T0								
17S 33W 13DDD 01	T0	154.6	-43	-20.0	-0.9	-1.3	90	47	-48
17S 33W 14ACR 01	T0	136.2	-57		-2.9	-1.8	162	105	-35
17S 33W 16ABC 01	T0								
17S 33W 28CDA 01	T0	136.5	-53	-36.5			106	54	-49
17S 34W 06RCR 01	T0	146.8	-39	-28.3	-4.9	-2.3	86	47	-45
17S 34W 16ACR 01	T0	127.8	-21	-15.7	-2.1	-1.0	87	66	-24
17S 34W 25DBR 01	T0	137.1	-34	-22.5	-1.6	-1.4	86	52	-40
17S 34W 27ABA 01	T0	123.7	-22				86	64	-26
17S 34W 28CCR 01	T0	126.6	-29	-18.8	-0.9	-1.2	86	57	-34
18S 31W 20ABA 01	T0	79.5	2				55	57	4
18S 31W 24RCR 01	T0	74.1	-6		1.4		42	36	-14
18S 31W 27ABA 01	T0	69.9			-0.3		35	35	

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

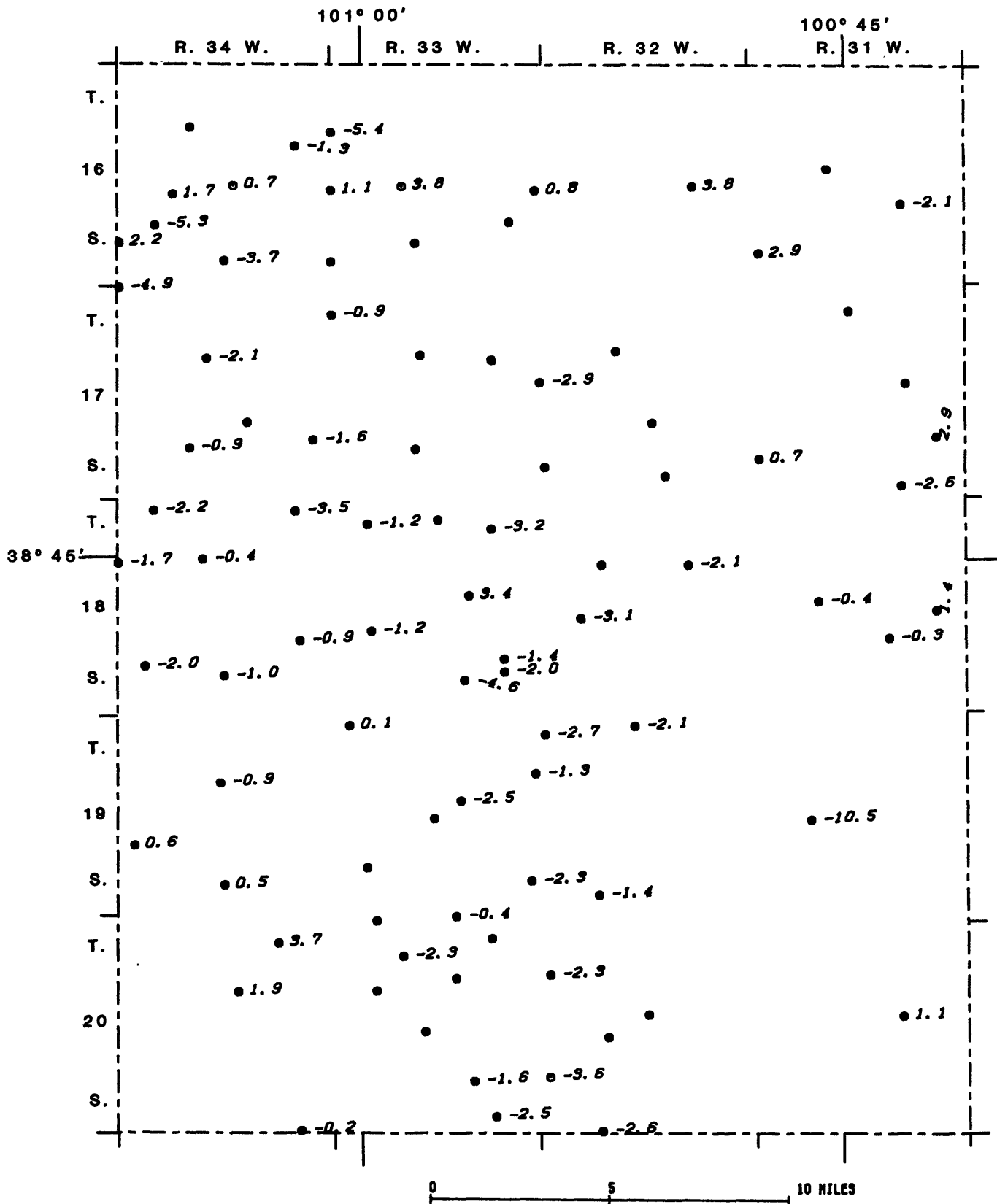
SCOTT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
18S 32W 14RB 01	TO	113.2	-28	-14.7	-2.1	-0.9	-0.9	90	62	-31
18S 32W 17AB 01	TO	114.7	-53	-36.6		-1.7	-2.3	78	25	-68
18S 32W 20CB 01	TO	94.5	-52	-35.4	-3.1	-1.6	-2.2	136	85	-38
18S 33W 03CC 01	TO	120.8	-50	-37.7		-1.6	-2.4	111	61	-45
18S 33W 05CC 01	TO	97.5	-23	-12.7	-1.2	-0.7	-0.8	44	22	-50
18S 33W 11AB 01	TO	111.6	-57		-3.2	-1.8		144	87	-40
18S 33W 15DB 01	TO	98.6			3.4				33	
18S 33W 20CC 01	TO	99.6	-31	-10.9	-1.2	-1.0	-0.7	48	17	-65
18S 33W 26DA 02	TO	75.3	-45	-28.3	-1.4	-1.4	-1.8	138	93	-33
18S 33W 34AB 01	TO	76.8	-51		-4.6	-1.6		96	45	-53
18S 33W 35AA 01	QA, TO	62.9	-46	-32.9	-2.0	-1.4	-2.1	127	81	-36
18S 34W 01CB 01	TO	124.8	-29	-17.3	-3.5	-0.9	-1.1	70	41	-41
18S 34W 05CB 01	TO	115.5	-28		-2.2	-0.9		80	53	-34
18S 34W 09CD 02	TO	110.3	-20	-22.0	-0.4	-0.6		73	53	-27
18S 34W 18BB 01	TO	114.8	-36		-1.7	-1.1	-1.4	61	25	-59
18S 34W 25RB 01	TO	111.6	-22	-15.8	-0.9	-0.7	-1.0	42	20	-52
18S 34W 30DD 01	TO	127.4	-44	-28.1	-2.0	-1.4	-1.8			
18S 34W 34BC 01	TO	119.0	-29	-18.4	-1.0	-0.9	-1.2	70	41	-41
19S 31W 20AD 01	KW	95.9			-10.5					
19S 32W 04DB 01	TO	37.2	-12		-2.1	-0.4				
19S 32W 06CC 01		65.7	-45	-2.7	-2.7	-1.4		178	133	-25
19S 32W 32AC 01	QU, TO	84.8	-16		-1.4	-0.5		135	119	-12
19S 33W 06DB 01	TO, TO	63.4	-4		.1	-0.1		58	54	-7
19S 33W 12DC 01	QA, TO	52.6	-28	-23.0	-1.3	-0.9	-1.4	175	147	-16
19S 33W 15DB 01	TO	107.0	-51	-36.1	-2.5	-1.6	-2.3	76	25	-67
19S 33W 21AD 01	TO	108.5	-52			-1.6		67	16	-76
19S 33W 25DC 01	QA, TO	92.0	-50	-32.3	-2.3	-1.6	-2.0	172	122	-29
19S 33W 29CB 02		117.8	-42	-16.8		-1.3	-1.1	98	56	-43
19S 33W 34DC 01	QA, TO	97.4	-47	-18.0	-0.4	-1.5	-1.1	112	65	-42
19S 34W 16AD 01	TO	59.1	-9		-0.9	-0.3		30	21	-30
19S 34W 19DCC 01		125.2			.6					
19S 34W 34RB 01	TO	117.6	-2		.5	-0.1		24	22	-8
20S 31W 14CB 01	QA, TO	37.8	-49		1.1	-1.5		171	122	-29
20S 32W 07CB 01		81.6			-2.3					
20S 32W 16DA 01	TO									
20S 32W 20AD 01		127.8	-04			-2.9				
20S 32W 30RC 01	TO	87.6	-63		-3.6	-2.0		162	99	-39
20S 32W 32DC 01	QA, TO	92.7	-56	-43.7	-2.6	-1.8	-2.7	138	82	-41
20S 33W 02DB 01										
20S 33W 05RA 01	TO	110.4	-43			-1.3		58	15	-74

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SCOTT COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
20S 33W 09RBR 01	TN	99.3	-39	-14.8	-2.3	-1.2	-.9	68	29	-57
20S 33W 10DBC 01	QA, TO	113.7	-64	-29.1		-2.0	-1.8	127	63	-50
20S 33W 17BAB 01	TN	115.8	-54	-31.0		-1.7	-1.9	70	16	-77
20S 33W 21ABD 01		129.2	-81	-79.2		-2.5	-4.9	99	18	-82
20S 33W 26CBB 03	TN	100.4	-57		-1.6	-1.8		110	53	-52
20S 33W 35DBA 01	QA, TO	91.0	-51	-37.7	-2.5	-1.6	-2.4	107	56	-48
20S 34W 02DBC 01	TN	80.4	-10	-6.1	3.7	-.3	-.4	39	29	-26
20S 34W 15RAA 01	TN	103.1	-6		1.9	-.2		41	35	-15
20S 34W 36CCD 01	TN	79.6	-27		-.2	-.8		54	27	-50



WATER-LEVEL CHANGE IN SCOTT COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

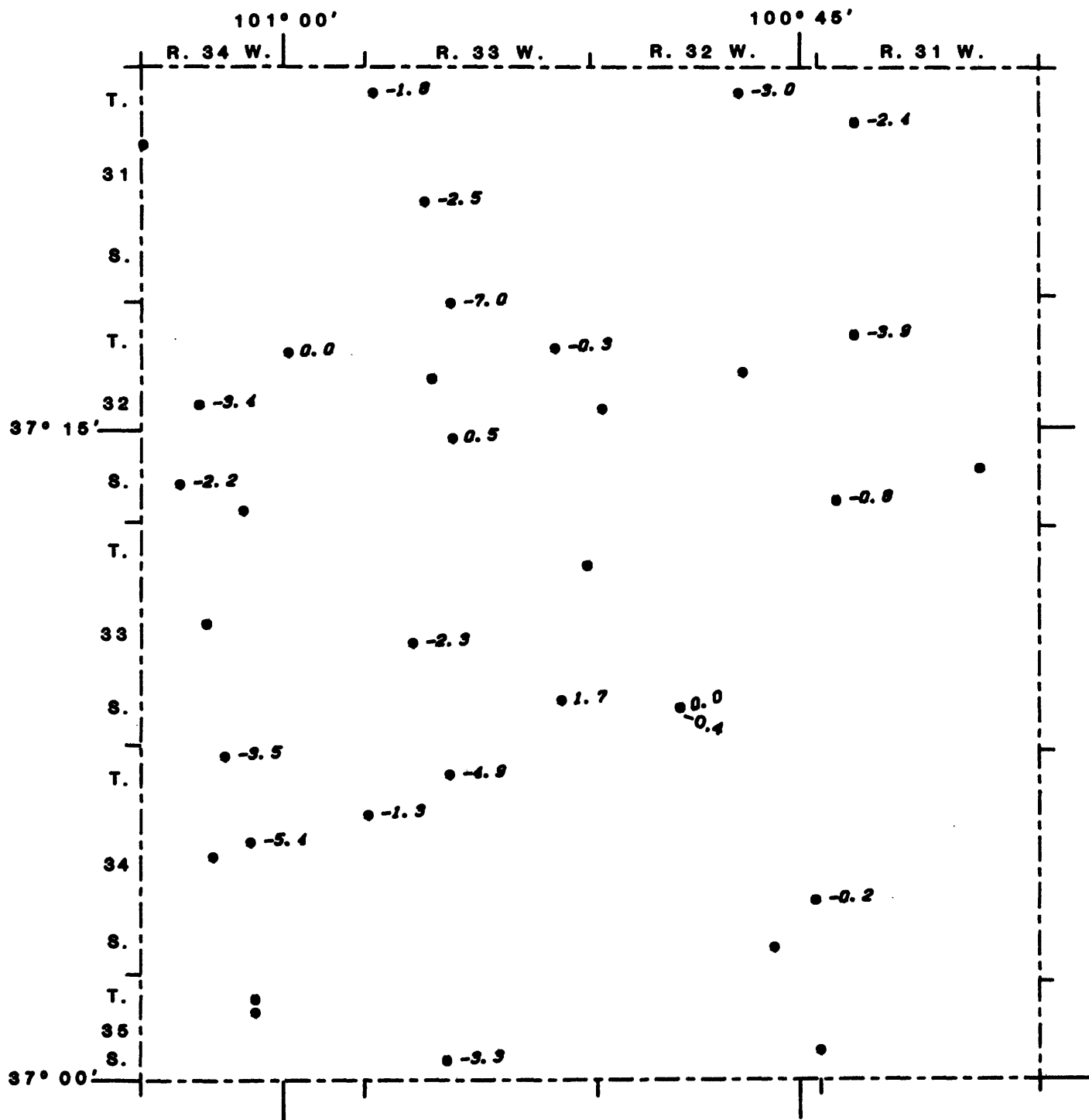
SEWARD COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO RED ROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
31S 31W 08RCC 01	QU, TO	2829.	519	164	169.4	188.7	192.5	196.6	202.8	204.8	208.1	210.5
31S 32W 03DAD 01	QU, TO	2845.	496	158	174.1	189.0	191.8	198.5	210.6	206.6	213.8	216.8
31S 33W 06CRD 01	QU, TO	2948.	498	210	211.2		225.9	230.3	229.7	233.1	236.4	238.2
31S 33W 20RAR 01	QU, TO	2897.	537	179	179.1	192.1	194.3	196.8	199.0	207.2	210.7	213.2
31S 34W 18RAR 01	QU, TO	2951.	421	186	186.3	199.6	202.7	204.6	207.0	207.1		213.4
32S 31W 08RAR 01	QU, TO	2815.	455	175	165.5	182.4	188.8	190.2	192.3	198.8	200.5	204.4
32S 31W 26CAA 01	QU, TO	2783.	453	180	182.9				205.3	209.4	219.2	
32S 31W 31ACC 01	QU, TO	2778.	438	173	177.5	188.9		194.1			208.4	209.0
32S 32W 14RAR 01	QU, TO	2830.	435	180	192.8	206.8	211.2	215.2	217.4			227.3
32S 32W 19RAR 01	QU, TO	2854.	475	189	194.7	206.4	209.0	210.5	213.4			272.2
32S 33W 04RAA 01		2869.		167							188.4	195.4
32S 33W 12RCC 01	QU, TO	2865.	435	183	184.7	213.7	203.9	205.1	207.0	209.7	212.1	212.4
32S 33W 17ABC 01											71.0	
32S 33W 21CDR 01	QU, TO	2697.	350	16	17.0	20.0	19.9		19.5	20.7	22.3	21.8
32S 34W 10RAA 01	QU, TO	2925.	470	205	203.5	207.0	199.4	210.8	213.5	212.6	219.3	219.3
32S 34W 17DCC 01		2953.	493	213	222.8	237.8	236.9	239.0	240.6	243.9	250.4	253.8
32S 34W 32RAR 01	QU, TO	2921.	491	159	154.3	165.6	166.7	167.9	169.1	177.1	184.9	187.1
32S 34W 33DDO 01		2890.		150				160.0				176.1
33S 32W 28CDD 01	PR	2630.	399	60		56.8	57.1	59.5	59.8	60.9	62.8	62.8
33S 32W 28CDD 02	QU, TO	2630.	399	60		54.3	54.3	55.7	56.2	57.1	57.6	58.0
33S 33W 12AAD 01	QU, TO	2626.	316	5	5.7	7.2	7.4	8.4	8.7	7.6		9.2
33S 33W 20RCC 01		2866.		176							211.2	213.5
33S 33W 25DCC 01		2810.		197							212.2	210.5
33S 34W 17DCC 01		2918.		173							162.7	
34S 31W 30RAR 01	PW	2731.	671	208		208.8	208.9	208.7	208.8	209.0	210.3	210.5
34S 31W 30RAR 02	QU, TO	2731.	671	208		206.5	206.4	206.9	207.3	207.4		208.8
34S 32W 35ADA 01	QU, TO	2734.		189			188.9	191.4	189.0	189.6		190.8
34S 33W 04RCD 01		2855.		165							201.3	206.2
34S 33W 07CCR 01		2901.	575	140	126.7	129.4	128.1	129.0	129.7	130.2	131.6	132.9
34S 34W 04RDD 01		2931.	121	121							172.7	176.2
34S 34W 16RAA 01	QU, TO	2943.	673	114	94.5	114.3	121.6	118.2	120.2	122.2	127.9	133.3
34S 34W 17DDO 01	QU, TO	2945.	425	105		106.4	110.5	112.3	114.5	115.1		117.8
35S 31W 18RAA 01	QU, TO	2707.	497	187	181.9	180.7	171.8	172.3	176.9	172.1	181.4	
35S 33W 16ACA 01	QU, TO	2838.	658	126	103.7	117.7	112.4	115.3	112.5	114.5	116.7	120.0
35S 34W 03CCR 01		2920.								96.9		97.8
35S 34W 10RAR 01	QU, TO	2912.	647	90	80.3	76.6		68.5	70.2	71.6	74.5	

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SEWARD COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
31S 31W 08RCC 01	QU,TO	210.5	-47	-41.0	-2.4	-1.1	-2.6	355	309	-13
31S 32W 03DAD 01	QU,TO	216.8	-59	-42.6	-3.0	-1.4	-2.7	338	279	-17
31S 33W 06CRD 01	QU,TO	238.2	-78	-27.0	-1.8	-7	-1.7	288	260	-10
31S 33W 20DBR 01	QU,TO	213.2	-34	-34.1	-2.5	-8	-2.1	358	324	-9
31S 34W 18RRR 01	QU,TO	213.4	-27	-27.0		-6	-1.7	235	208	-11
32S 31W 08RRR 01	QU,TO	204.4	-29	-38.9	-3.9	-7	-2.4	280	251	-10
32S 31W 26CAA 01	QU,TO									
32S 31W 31ACC 01	QU,TO	209.0	-36	-31.5	-6	-9	-2.0	265	229	-14
32S 32W 14RRR 01	QU,TO	277.3	-47	-34.5		-1.1	-2.2	255	208	-18
32S 32W 19RAR 01	QU,TO	222.2	-33	-27.4		-8	-1.7	286	253	-12
32S 33W 04RAA 01	QU,TO	195.4	-28	-27.7	-7.0	-7	-1.7	252	223	-12
32S 33W 12RCC 01	QU,TO	212.4	-29		-3	-7				
32S 33W 17ABC 01										
32S 33W 21CDR 01	QU,TO	21.8	-6	-4.8	.5	-1	-3	334	328	-2
32S 34W 10DAA 01	QU,TO	219.3	-14	-15.8	.0	-3	-1.0	265	251	-5
32S 34W 17DCC 01	QU,TO	253.8	-41	-31.0	-3.4	-1.0	-1.9	280	239	-15
32S 34W 32RRR 01	QU,TO	187.1	-28	-32.8	-2.2	-7	-2.1	332	304	-8
32S 34W 33DDN 01		176.1	-26			-6				
33S 32W 28CDD 01	PR	62.8	-3		.0	-1		339	336	-1
33S 32W 28CDD 02	QU,TO	58.0	2		-4			339	341	1
33S 33W 12AAD 01	QU,TO	9.2	-4	-3.5		-1	-2	311	307	-1
33S 33W 20RCC 01		213.5	-38		-2.3	-9				
33S 33W 25DCC 01		210.5	-14		1.7	-3				
33S 34W 17DCC 01		162.7	-40			-1.0		463	461	
34S 31W 30RRR 01	PW	210.5	-3		-2	-1				
34S 31W 30RRR 02	QU,TO	208.8	-1					463	462	
34S 32W 35ADA 01	QU,TO	190.8	-2							
34S 33W 04RCD 01		206.2	-41							
34S 33W 07CCP 01		132.9	7	-6.1	-4.9	-1.0	-4	435	442	2
34S 34W 04RDD 01		126.2	-5		-1.3	-1				
34S 34W 16DAA 01	QU,TO	133.3	-19	-38.7	-5.4	-5	-2.4	559	540	-3
34S 34W 17DDD 01	QU,TO	117.8	-13			-3		320	307	-4
35S 31W 18RBA 01	QU,TO									
35S 33W 16RCA 01	QU,TO	120.0	6	-16.3	-3.3	.1	-1.0	532	538	1
35S 34W 03CBC 01		97.8								
35S 34W 10RRR 01	QU,TO									



WATER-LEVEL CHANGE IN SEWARD COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SHERIDAN COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1950	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
06S 27W 03CD 01	QA	2560.	68	29	31.8	32.2	34.2	32.6	34.1	33.5	34.9	35.8
06S 27W 08DA 01	QA,TO	2588.	108	21	14.6	18.8	20.8	21.3	20.2	19.3	20.8	20.2
06S 27W 19DA 01	QA,TO	2610.	60	30	26.6	26.7	28.6	28.4	29.9	32.9	30.8	32.4
06S 27W 27CC 01	TO	2716.	320	162	154.4	158.1	162.8	163.2	159.3	159.4	159.4	164.8
06S 28W 28AD 01	QA,TO	2682.	132	42	41.3	42.4	44.1	45.9	45.9		46.8	
06S 29W 10BC 01	TO	2823.	205	116	118.6	138.4	140.5	142.2	129.5	128.9	131.1	
06S 29W 24BR 01	TO	2781.	205	91	96.2	99.6	100.3	101.1	101.4	101.6	102.3	105.5
06S 29W 33CA 01	TO	2828.	207	94	93.3	103.1	102.2	102.9	102.4	103.0	104.5	105.6
06S 30W 02CA 01	QA,TO	2780.	92	10	11.6	17.0	19.5	20.1	20.7	21.6	22.8	22.0
06S 30W 13AA 01	TO	2875.	216	115		124.4	125.5	123.1	130.4	125.2	126.7	127.4
06S 30W 14CD 01	TO	2884.	203	95	102.8	106.4	108.2	106.9	108.2	107.9	109.2	108.9
06S 30W 24DD 02		2898.		133	132.5				132.9			132.9
07S 26W 06AB 01	TO	2634.	204	125	125.9	127.5	127.9	125.9	129.2	129.8		131.1
07S 26W 12BC 01	TO	2559.	170	94	91.9	94.6	101.3	102.7	97.4	97.8	98.4	99.9
07S 26W 15BD 01	TO	2622.	247	138		139.9	143.1	145.5	141.7	142.7	142.2	142.6
07S 26W 19BC 01	TO	2625.	201	115		130.3	123.6	127.1	123.5	122.2	123.3	124.5
07S 26W 28CB 01	TO	2634.	243	142	148.4	151.5	152.3	152.7	153.0	153.1	154.5	154.2
07S 27W 24BD 01	TO	2639.	220	114	118.5	124.8	127.1	128.5		127.6	128.9	
07S 28W 08BC 01	TO	2808.	282	140		151.4	153.4		155.8	158.1	160.6	
07S 28W 19BA 01	TO	2800.	240	112	118.1	132.2	134.6	136.0	138.2	142.7	147.1	149.6
07S 28W 21AB 01	TO	2774.	235	129	131.0	145.7	147.0	147.7	151.5	154.2	156.0	159.4
07S 28W 36AB 01	TO	2725.	233	123	127.5	133.3	133.9	135.2	138.5	140.4	139.3	
07S 29W 02BD 01	TO	2838.	250	127	136.2	144.6	146.3	146.8	148.5	149.5	151.8	153.1
07S 29W 21AB 01	TO	2860.	240	121	121.1	138.4	142.5	147.8	147.8	149.8	149.8	151.1
07S 29W 27CC 01	TO	2869.	265	131			163.8	164.8	170.8	172.9	177.1	179.7
07S 29W 30AB 01	TO	2886.	255	113	121.8	140.3	146.6	145.3	148.3	149.6	151.9	153.1
08S 26W 14AA 01	QA	2398.	66	13	19.5	13.6	16.7	16.8	17.6	14.9	16.4	17.0
08S 26W 16CD 01	QA	2447.	70	23	34.5	34.8	36.6	37.1	35.7	35.8	36.0	36.6
08S 27W 11CD 01	QA	2504.	60	13	8.5	11.1	10.1	10.6	10.3	10.3	10.4	10.4
08S 27W 33BD 01	QA	2554.	50	15	17.9	16.8	17.0	18.4	19.3	20.9	19.9	
08S 28W 09BC 01	TO	2766.	233	119	117.7	127.0		130.4	134.8	135.0	136.0	139.8
08S 29W 01CB 01	TO	2823.	240	125	122.6	134.9	137.9	138.3	142.1	145.8	145.8	143.5
08S 29W 29AB 01	TO	2844.	223	84	82.0	80.9	80.7	81.3	85.5	86.2	88.4	100.4
08S 30W 11CB 01	TO	2941.	277	173	133.5	151.0	156.4	158.0	173.1	175.0	177.0	180.3
08S 30W 13AA 01	TO	2891.	257	103	109.7	123.7	128.2	131.4	134.8	136.7	138.9	142.0
08S 30W 30BC 01	TO	2962.	234	107	105.8	125.7	113.8	117.8	122.5	124.5	127.8	128.8
08S 27W 12CC 01	TO	2678.	198	104	106.5	115.9	110.5		108.9	107.6	110.3	109.2
08S 27W 19DD 01	TO	2750.	205	124	123.6	127.0	127.2		128.1	128.6	128.5	128.8
08S 28W 04BC 01	TO,QA	2677.	98	18	25.7	23.0	25.6	27.4	26.6	27.0	27.0	27.3
08S 28W 06CC 01	QA,TO	2691.	87	4	6.9	7.2	7.6	7.0	5.5	7.7	8.3	8.6

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SHERIDAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)
09S 28W 31AAC 01	TO	2828.	205	118	126.2	132.8			142.1	141.6							
09S 29W 17NAR 01	TO	2854.	196	84	84.2	95.0	96.1	97.2	99.2	98.5	99.4	102.9					
09S 29W 26RAA 01	TO	2863.	210	123	132.0		136.0			136.9	136.4	134.6					
09S 30W 03AAR 02	TO	2933.	217	118	119.2	128.5	131.8	134.0	137.1	139.1	143.0	142.0					
09S 30W 16CDA 01	TO	2882.	162	26	44.7	58.0		54.5	59.5	57.8	60.5	61.7					
09S 30W 35RBR 01	TO	2943.	215	120	129.3	145.7	139.5	141.9	145.2	142.2		154.0					
10S 27W 20CRC 01	QA	2605.	50	12	13.9	18.1	20.0		19.7	20.1							
10S 27W 22DBA 01	QA	2569.	65	10	18.5		19.5			19.5	19.8	19.2					
10S 28W 05DOR 01	TO	2789.	173	99	95.2	95.8	100.2	101.5	104.7	104.3		112.1					
10S 28W 29DAA 01	QA,TO	2691.	62	22	25.4	26.5	26.1	26.5	26.8	27.1	28.9	31.6					
10S 29W 20CCC 02	QA	2776.	76	8	6.9	10.9	11.0		14.0	12.7	13.7						
10S 30W 08ODD 01	TO	2930.	186	96	93.0	98.3	99.3	99.5	100.1	101.4	104.9	104.2					
10S 30W 12ADA 01	TO	2874.	187	89	87.7	103.0	97.6	99.3	100.2	100.6		100.6					
10S 30W 17DAD 01	TO	2895.	165	64	62.8	64.8	65.8	66.6	66.7	66.0	68.8	68.7					

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

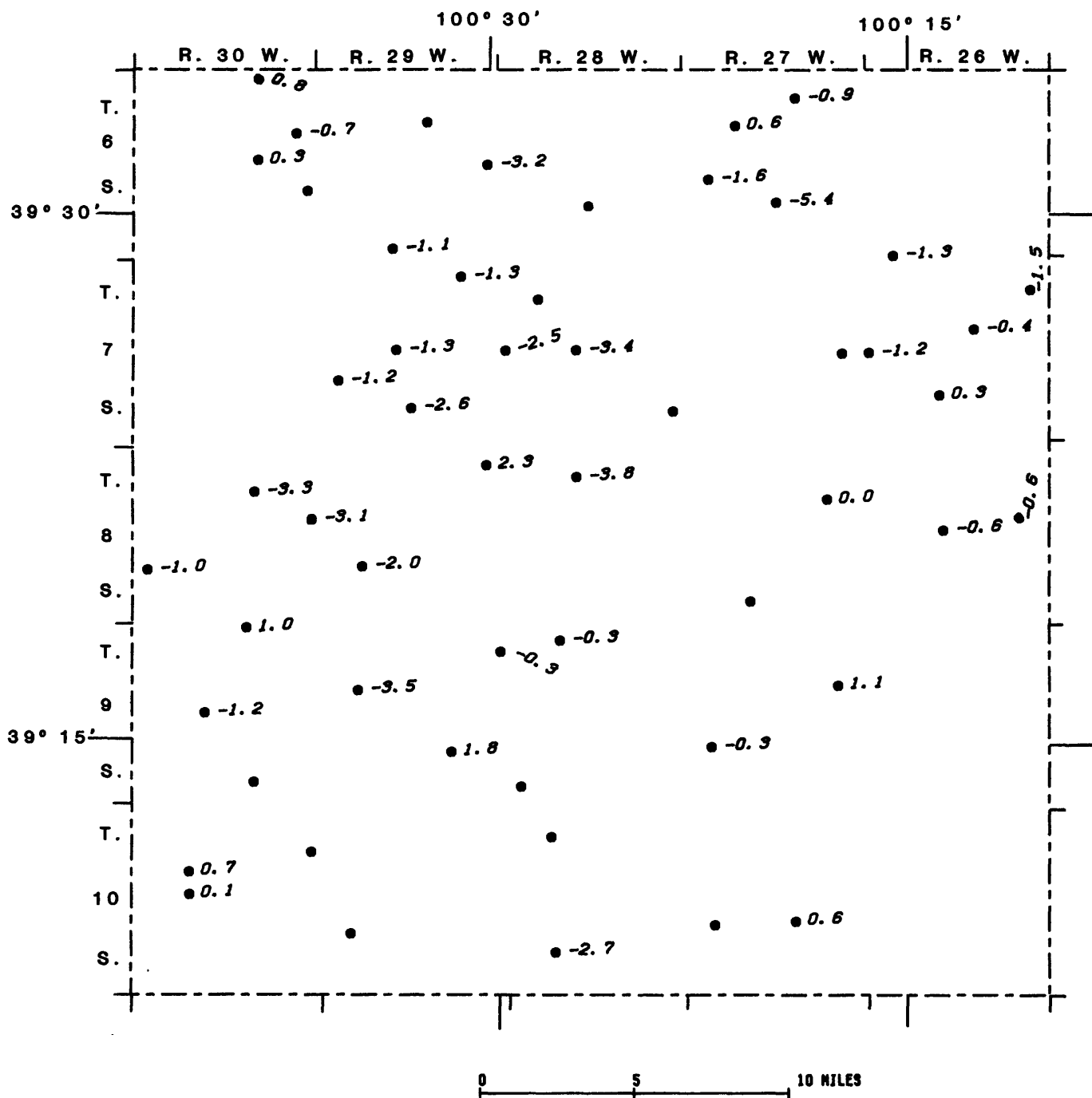
SHERIDAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
06S 27W 03DCD 01	QA	35.8	-7	-4.0	-0.9	-0.2	-0.3	39	32	-18
06S 27W 08DCA 01	QA, TO	20.2	1	-5.6	.6		-0.4	87	88	1
06S 27W 19DAR 01	QA, TO	32.4	-2	-5.8	-1.6	-0.1	-0.4	30	28	-7
06S 27W 27RCC 01	TO	164.8	-3	-10.4	-5.4	-0.1	-0.7	158	155	-2
06S 28W 28ADD 01	QA, TO									
06S 29W 10DBC 01	TO									
06S 29W 24ABR 01	TO	105.5	-15	-9.3	-3.2	-0.5	-0.6	114	100	-12
06S 29W 33CDA 01	TO	105.6	-12	-12.3	-1.1	-0.4	-0.8	113	101	-11
06S 30W 02RCA 01	QA, TO	22.0	-12	-10.4	.8	-0.4	-0.7	82	70	-15
06S 30W 13RAA 01	TO	127.4	-12		-0.7	-0.4		101	89	-12
06S 30W 14CCD 01	TO	108.9	-14	-6.0	.3	-0.4	-0.4	108	94	-13
06S 30W 24DDC 02	TO	132.9		-4						
07S 26W 06AAB 01	TO	131.1	-6	-5.2	-1.3	-0.2	-0.3	79	73	-8
07S 26W 12RAC 01	TO	99.9	-6	-7.9	-1.5	-0.2	-0.5	76	70	-8
07S 26W 15RDD 01	TO	142.6	-5		-0.4	-0.2		109	104	-5
07S 26W 19RBC 01	TO	124.5	-10	-5.7	-1.2	-0.3	-0.4	86	77	-10
07S 26W 28CAR 01	TO	154.2	-12		.3	-0.4		101	89	-12
07S 27W 24RBD 01	TO									
07S 28W 08RDC 01	TO									
07S 28W 19RBA 01	TO	149.6	-38	-31.5	-2.5	-1.2	-2.0	128	90	-30
07S 28W 21ABR 01	TO	159.4	-30	-28.4	-3.4	-0.9	-1.8	106	76	-28
07S 28W 36ABA 01	TO									
07S 29W 020BD 01	TO	153.1	-26	-16.9	-1.3	-0.8	-1.1	132	106	-20
07S 29W 21ABR 01	TO	151.1	-30	-20.9	-1.3	-0.9	-1.9	119	89	-25
07S 29W 27CCC 01	TO	179.7	-49		-2.6	-1.5		134	85	-37
07S 29W 30ABA 01	TO	153.1	-40	-31.3	-1.2	-1.3	-2.0	142	102	-28
08S 26W 14DAA 01	QA	17.0	-4	2.5	-0.6	-0.1	.2	53	49	-8
08S 26W 16CDD 01	QA	36.6	-14	-2.1	-0.6	-0.4	-0.1	47	33	-30
08S 27W 11DCD 01	QA	10.4	3	-1.8	.0	.1	-0.1	47	50	6
08S 27W 33RBD 01	QA									
08S 28W 09ABC 01	TO	139.8	-21	-22.1	-3.8	-0.7	-1.4	114	93	-18
08S 29W 01DCR 01	TO	143.5	-19	-20.9	2.3	-0.6	-1.3	115	97	-16
08S 29W 29RAA 01	TO	100.4	-16	-18.3	-2.0	-0.5	-1.1	139	123	-12
08S 30W 11CBC 01	TO	190.3	-57	-46.8	-3.3	-1.8	-2.9	154	97	-37
08S 30W 13DAA 01	TO	142.0	-39	-32.2	-3.1	-1.2	-2.0	154	115	-25
08S 30W 30ABC 01	TO	128.8	-22	-22.9	-1.0	-0.7	-1.4	127	105	-17
09S 27W 12CCC 01	TO	109.2	-5	-2.7	1.1	-0.2	-0.2	94	89	-5
09S 27W 19DDN 01	TO	128.8	-5	-5.2	.3	-0.2	-0.3	81	76	-6
09S 28W 04RCC 01	TO, QA	27.3	-9	-1.6	-0.3	-0.3	-0.1	80	71	-11
09S 28W 06CCR 01	QA, TO	8.6	-5	-1.7	-0.3	-0.2	-0.1	83	78	-6

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SHERIDAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
09S 28W 31AAC 01	TO									
09S 29W 17RAB 01	TO	102.9	-19	-18.7	-3.5	-0.6	-1.2	112	93	-17
09S 29W 26RAA 01	TO	134.6	-12	-2.6	1.8	-0.4	-0.2	87	75	-14
09S 30W 03AAB 02	TO	142.0	-24	-22.7	1.0	-0.8	-1.4	90	75	-24
09S 30W 16CDA 01	TO	61.7	-36	-17.0	-1.2	-1.1	-1.1	136	100	-26
09S 30W 35BBR 01	TO	154.0	-34	-24.7		-1.1	-1.5	95	61	-36
10S 27W 20CBC 01	QA									
10S 27W 22DRA 01	QA	19.2	-9	-6	.6	-0.3	-1.1	55	46	-16
10S 28W 05DDR 01	TO	112.1	-13	-16.9		-0.4	-0.4	74	61	-18
10S 28W 29DAA 01	QA, TO	31.6	-10	-6.2	-2.7	-0.3	-0.4	40	30	-25
10S 29W 20CCC 02	QA									
10S 30W 08DDO 01	TO	104.2	-8	-11.2	.7	-0.3	-0.7	90	82	-9
10S 30W 12ADA 01	TO	100.6	-12	-12.9		-0.4	-0.8	98	86	-12
10S 30W 17DAD 01	TO	68.7	-5	-5.8	.1	-0.2	-0.4	101	96	-5



WATER-LEVEL CHANGE IN SHERIDAN COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SHERMAN COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1950 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)	1988 (FEET)	1989 (FEET)
06S 37W 03RCC 01	TN	3424.	278	151	156.7		161.4	161.5	163.4	162.5	163.8	162.9							
06S 37W 07RBA 01	QA	3304.	134	5	6.1		8.7	8.4	9.8	9.6	9.5	9.2							
06S 37W 16CDD 01	TN	3460.	264	157	163.8	169.3	170.3	170.6	171.9	171.7	172.9	172.5							
06S 37W 19ABR 01	TN	3476.	309	150	155.4	159.1	160.0	159.5		162.9	160.9	161.2							
06S 38W 09ABR 01	TN	3510.	318	147	151.3	165.1	156.3	164.1	156.0	169.2	164.3	163.6							
06S 38W 20ACC 01	TN,QA	3407.	171	11	11.2		13.5	14.9	16.2	15.3	14.8	12.2							
06S 39W 09NDD 01	TN	3585.	330	145	142.7	144.8	145.3	151.2	146.4	147.0	147.5	147.9							
06S 40W 10AAC 01	TN	3641.	341	151	151.2	160.0	156.4	154.8	160.1		160.4	161.3							
06S 40W 30NCC 01	TN	3718.	326	159	153.6	160.3	160.4	161.7	162.6	163.4	164.8	167.6							
06S 40W 35RCC 01	TN	3668.	338	145	142.5	149.5	151.4	152.6	158.3	158.8	154.6	158.2							
06S 41W 01ABR 01	TN	3675.	296	150	156.6	159.6	161.8	162.5	156.7	164.0	157.9	158.9							
06S 41W 09RCC 01	TN	3759.	329	179	177.5		186.1		186.6		180.3	181.1							
06S 41W 19NDD 01	TN	3792.	325	162	169.5	174.8	178.1	185.3		188.0									
06S 41W 27NDD 01	TN	3741.	325	141	142.1	156.4	156.3	157.5	160.9	160.2	162.1	163.7							
06S 42W 02AAA 01	TN	3777.	277	179	181.7	189.2	192.9	193.8	193.9	193.8	197.6	196.7							
06S 42W 08CBA 01	TN	3841.	304	183	201.3	205.2	209.4	209.0		210.5	208.9	215.2							
06S 42W 22NCC 01	TN	3837.	315	177	183.1	191.9	191.7	197.3	192.4	192.8	192.8	193.9							
06S 42W 30ADA 01	TN	3871.	309	176	183.6	192.3	195.0	198.5	199.9	200.4	199.7	201.9							
07S 37W 04RCC 01	TN	3455.	270	122	134.3	134.3	136.5	136.8	137.4	137.7	137.8	137.8							
07S 37W 05CBA 01	TN	3472.	294	124	129.9	132.8	134.3	136.1	136.5	137.1	138.2	138.0							
07S 37W 11ACB 01	TN	3445.	307	145					155.2	155.2	156.2	155.7							
07S 37W 17RDA 01	TN	3472.	289	122	129.8	132.3	132.9	134.0	135.2	135.4	136.5								
07S 39W 09RBA 01	TN	3589.	295	106	104.8	110.0	112.9	113.1	112.2	114.7	115.0	116.3							
07S 39W 24RAA 01	TN	3587.	300	137	133.9	144.8	145.4	150.3	147.4	147.2	146.4	153.1							
07S 39W 30CBA 01	TN	3643.	353	113	117.6	133.8	135.4	136.1	141.4	140.5	140.0	143.0							
07S 40W 06ADR 01	TN	3722.	343	152	149.4	159.2	160.9	162.0	162.6	164.3	160.1	167.4							
07S 40W 29RBA 01	TN	3708.	288	121	121.5	132.0	135.0	135.6	136.7		138.3	139.2							
07S 40W 35RBA 01	TN	3650.	255	102	103.0	118.6	125.3	123.5	125.7	125.5	125.7	128.4							
07S 40W 36RAR 01	TN	3643.	321	105	109.9	126.0	129.9	131.2	133.6	132.1	132.5	135.1							
07S 41W 07RCA 01	TN	3840.	300	180	174.4				193.7	193.8	194.7	195.3							
07S 41W 10RBA 01	TN	3770.	330	141		153.0	156.1	157.4	159.1	158.7	160.0	161.9							
07S 41W 16ADC 01	TN	3775.	317	130	134.9	142.5	148.3	147.9	151.3	152.4	156.9	164.3							
07S 41W 28NDR 01	TN	3774.	280	111	111.4	119.9	122.2	124.4	125.6	125.1	126.3	126.9							
07S 42W 07DAA 01	TN	3903.	320	163	164.4	186.5	189.0	190.5	197.5	197.3	199.6	197.0							
07S 42W 17CCC 01	TN	3864.	263	119	117.9	129.5	131.7	133.3	135.4	136.5	137.1	136.1							
07S 42W 27AAR 01	TN	3867.	321	142	140.6	155.1	157.7	160.7	162.1	163.5	162.7	164.1							
08S 37W 03ADR 01	TN	3476.	273	126	143.5	149.0	150.5	151.4		154.0	157.6	154.5							
08S 37W 06ADR 01	TN	3506.	264	174	133.3	135.9	137.5	138.0		138.9	140.7	141.2							
08S 37W 21CCC 01	TN	3496.	230	120	121.1	133.9	138.9	138.7	140.3	140.2	140.7	140.9							
08S 37W 28ARC 01	TN	3487.	238	110	112.1	127.7	139.5	130.7	132.6	132.3	130.4	133.6							

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SHERMAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO REDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1950 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)	1988 (FEET)	1989 (FEET)	1990 (FEET)	1991 (FEET)
08S 37W 32ABR 01	TN	3468.	216	83	80.0	91.9	93.9	94.5	95.8	96.5	97.1	97.0									
08S 38W 17CDD 01	TN	3503.	293	143	142.0	153.0	154.5	155.9	158.3	155.6	162.2	161.8									
08S 38W 24AAR 01	TN	3513.	260	110	111.0	114.7	115.8	121.7	122.5	117.5	123.2	120.2									
08S 38W 28ACC 01	TN	3587.	231	134	132.0	141.3	143.0	144.2	144.5	145.1	145.3	146.0									
08S 39W 02RAA 01	TN	3611.	295	138	135.0	152.4	156.6	162.2	158.7	157.9		161.5									
08S 39W 15CCC 01	TN	3642.	272	127	135.0	156.2	156.9	165.0	165.6	161.1		163.8									
08S 39W 17DCD 01	TN	3672.	300	152	161.0	178.1	182.4	178.8	181.1	182.1	183.4	186.1									
08S 39W 27AAR 01	TN	3647.	295	142	145.0	167.2	170.8	174.7	179.0	177.7	179.3	180.2									
08S 39W 28CAR 01	TN	3660.	288	130	144.0	160.5	162.2	163.5	164.9	166.2	169.6	169.1									
08S 40W 12DBA 01	TN	3670.	290	120	133.0		161.5	162.6	166.3	166.0	169.2	168.1									
08S 40W 17CDR 01	TN	3727.	277	102	108.0	124.2	124.3	130.5	131.2	131.3	131.7	132.5									
08S 40W 20CBC 03	TN	3719.	266	86	89.0	112.4	116.9	118.0	119.0	119.8	120.1	121.7									
08S 40W 20CCC 01	TN	3716.	277	80	80.0	107.5	110.9	112.8	114.1	113.2	114.6	115.4									
08S 40W 20DAA 01	TN	3668.	216	45	56.0	64.0	68.4	65.5	71.9	66.2	72.8	70.5									
08S 40W 24AAA 01	TN	3692.	290	134	149.0	175.8	179.2	181.2	183.5	184.1	185.4	184.3									
08S 40W 25AAC 01	TN	3701.	290	133	158.0	177.2	180.4	181.8	183.7	182.3	182.5	183.4									
08S 40W 35CBA 01	TN	3732.	272	132	130.0	153.9	157.3	158.6	161.0	162.4	164.6	164.6									
08S 41W 17CBA 01	TN	3843.	300	129	129.0		148.6	140.2	141.5	140.8	143.1	145.1									
08S 41W 25ARC 01	TN	3754.	264	94	96.0	107.2	109.8	111.2	112.6	114.0	115.1	116.7									
08S 42W 04ABC 01	TN	3912.	320	149	152.0	180.9		182.0		184.0	181.3	183.5									
08S 42W 15DDR 01	TN	3859.	274	98	99.0	117.0	124.7	121.6	122.5	120.5	122.1	125.0									
08S 42W 19ABR 01	TN	3929.	310	124	130.0	159.9	165.1	168.4	167.9	168.6	171.2	169.8									
08S 42W 29ACR 01	TN	3904.	220	101	100.0	118.3	121.6	121.8	122.3	123.4	124.3										
08S 42W 31DCD 01	TN	3872.	207	50	58.0	71.4	74.8	73.9	74.9	76.1	76.7	77.7									
08S 42W 34DCR 01	TN	3914.	265	124	125.0	143.5	147.7	143.6	148.2	149.3	148.7	152.8									
09S 39W 02BAR 01	TN	3646.	246	133					170.8	168.3	168.2	170.6									
09S 39W 17BAR 01	TN	3697.	236	126		150.3		153.8	153.3	152.3	152.5	155.3									
09S 39W 19CCC 01	TN	3695.	245	105		128.6	132.6	132.0	137.4	148.3		144.9									
09S 40W 08CCR 01	TN	3773.	251	123		144.2	148.2	150.7	150.1	154.8	155.7	157.4									
09S 40W 08CDR 01	TN	3766.	251	116	116.0	140.6	144.6	149.3	153.7	162.2	167.0	154.2									
09S 40W 13CDC 01	TN	3722.	260	123	125.0	151.5	158.5	158.9	158.9	158.6	161.0	157.5									
09S 40W 27CCD 01	TN	3754.	314	125	128.0	150.9	154.2	155.0	157.4	158.6		160.3									
09S 40W 29BAR 01	TN	3882.	246	122	119.0	144.3	152.7	152.7	156.9	157.2	156.4	158.5									
09S 41W 05DCC 01	TN	3860.	265	128	136.0	154.4	157.8	164.1	167.1	169.1	166.1	166.8									
09S 41W 14ARC 01	TN	3835.	291	129		161.0	167.6	168.5	171.4	171.4	172.0	173.7									
09S 41W 28AAA 01	TN	3854.	290	124	134.0	155.6	154.5	167.9	174.1		182.7	175.7									
09S 41W 34BAR 01	TN	3841.	290	111	114.0	133.3		144.5	148.0	149.2	152.5	155.3									
09S 42W 08AAA 01	TN	3943.	271	120	131.0	150.1	152.7	154.1	155.5	155.2	155.4	155.9									
09S 42W 11CCC 01	TN	3923.	274	125	135.0	163.9	166.3	165.3	166.4	165.1	166.5	168.8									
09S 42W 14AAA 01	TN	3901.	291	116	131.0	158.1	162.0	164.7	168.4	166.1	166.5	168.5									

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SHERMAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	1950	1966	1976	1977	1978	1979	1980	1981	1982
				DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)
09S 42W 16CDD 02	T0	3943.	291	114	117.0	133.5			141.0	142.5	149.3	144.2	146.0
09S 42W 35ABR 01	T0	3916.	268	102	103.0	131.0		137.1	138.6	140.0	141.0	139.5	142.5
10S 37W 23ABR 01	T0	3421.	289	171	174.0	187.8			190.9	193.4	194.2	192.8	191.8
10S 40W 10ADC 01	QA, T0	3624.	68	12	16.0	16.2	16.9		16.7	17.8	16.3	16.6	17.1
10S 41W 15CAD 01	T0, QA	3762.	117	12	12.0	16.4			19.9	20.2	20.1	20.9	21.1
10S 42W 21RBR 01	T0	3963.	223	73	86.0	96.7	99.6		101.5	103.8	105.2	106.3	107.6
10S 42W 24RAR 01	T0	3903.	204	73	84.0	90.6	94.8		95.9	96.5	97.9	98.4	99.7

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SHERMAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
06S 37W 03RCC 01	T0	162.9	-12	-6.2	.9	-4	-4	127	115	-9
06S 37W 07RBA 01	QA	9.2	-4	-3.0	.3	-1	-2	129	125	-3
06S 37W 16CDD 01	T0	172.5	-16	-8.7	.4	-5	-5	107	92	-14
06S 37W 19ABR 01	T0	161.2	-11	-5.8	-3	-3	-4	159	148	-7
06S 38W 09ABD 01	T0	163.6	-17	-12.3	.7	-5	-8	171	154	-10
06S 38W 20ACC 01	T0,QA	12.2	-1	-1.0	2.6	-1	-1	160	159	-1
06S 39W 09DDO 01	T0	147.9	-3	-5.2	-4	-1	-3	185	182	-2
06S 40W 10AAC 01	T0	161.3	-10	-10.1	-9	-3	-6	190	180	-5
06S 40W 30DCC 01	T0	167.6	-9	-14.0	-2.8	-3	-9	167	158	-5
06S 40W 35RCC 01	T0	158.2	-13	-15.7	-3.6	-4	-1.0	193	180	-7
06S 41W 01ABR 01	T0	158.9	-9	-2.3	-1.0	-3	-1	146	137	-6
06S 41W 09RCR 01	T0	191.2	-12	-13.7	-1.2	-4	-9	150	138	-8
06S 41W 19DBD 01	T0	181.1	-19	-11.5	-8	-6	-7	163	144	-12
06S 41W 27DBD 01	T0	163.7	-23	-21.6	-1.6	-7	-1.4	184	161	-13
06S 42W 02AAA 01	T0	196.7	-18	-15.0	.9	-6	-9	98	80	-18
06S 42W 08CBR 01	T0	215.2	-32	-13.9	-6.3	-1.0	-9	121	89	-26
06S 42W 22DCC 01	T0	193.9	-17	-10.7	-1.1	-5	-7	138	171	-12
06S 42W 30ADA 01	T0	201.9	-26	-18.3	-2.2	-8	-1.1	133	107	-20
07S 37W 04RBC 01	T0	137.8	-16	.0	.0	-5		148	132	-11
07S 37W 05CCR 01	T0	138.0	-14	-8.1	.2	-4	-5	170	156	-8
07S 37W 11ACR 01	T0	155.7	-11		.5	-3		162	151	-7
07S 37W 17RDA 01	T0									
07S 39W 09RBR 01	T0	116.3	-10	-11.5	-1.3	-3	-7	189	179	-5
07S 39W 24RAA 01	T0	153.1	-16	-19.2	-6.7	-5	-1.2	163	147	-10
07S 39W 30CCR 01	T0	143.0	-30	-25.4	-3.0	-9	-1.6	240	210	-13
07S 40W 06ADB 01	T0	167.4	-15	-18.0	-1.3	-5	-1.1	191	176	-8
07S 40W 29RBA 01	T0	139.2	-18	-17.7	-9	-6	-1.1	167	149	-11
07S 40W 35RBR 01	T0	128.4	-26	-25.4	-2.7	-8	-1.6	153	127	-17
07S 40W 36BAR 01	T0	135.1	-30	-25.2	-2.6	-9	-1.6	216	186	-14
07S 41W 07RCR 01	T0	195.3	-15	-20.8	-6	-5	-1.3	120	105	-13
07S 41W 10RBA 01	T0	161.9	-21	-29.4	-1.9	-7	-1.8	189	168	-11
07S 41W 16ADC 01	T0	164.3	-34	-15.4	-7.4	-1.1	-1.8	187	153	-18
07S 41W 28DBR 01	T0	126.9	-16	-32.6	.6	-5	-1.0	169	153	-9
07S 42W 07DAA 01	T0	197.0	-34	-18.1	2.6	-1.1	-2.0	157	123	-22
07S 42W 17CCC 01	T0	136.1	-17		1.0	-5	-1.1	144	127	-12
07S 42W 27AAR 01	T0	164.1	-22	-23.5	-1.4	-7	-1.5	179	157	-12
08S 37W 03ADB 01	T0	154.5	-29	-10.9	3.1	-9	-7	147	119	-19
08S 37W 06ADB 01	T0	141.2	-17	-7.9	-5	-5	-5	140	123	-12
08S 37W 21CCC 01	T0	140.9	-21	-19.7	-2.2	-7	-1.2	110	89	-19
08S 37W 28ABC 01	T0	133.6	-24	-21.5	-3.2	-8	-1.3	128	104	-19

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

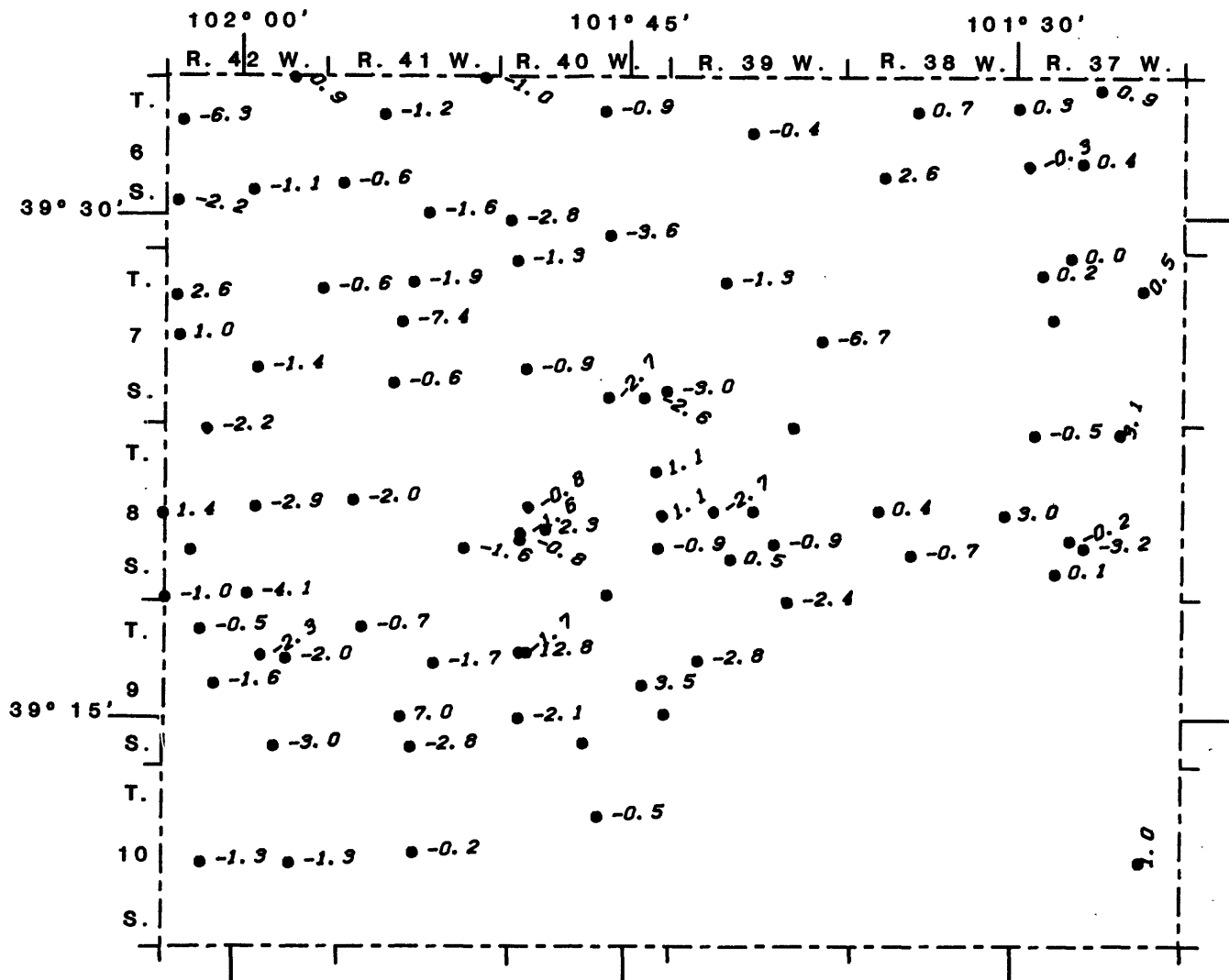
SHERMAN COUNTY--CONTINUED

WELL NUMER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
08S 37W 32ABB 01	T0	97.0	-14	-17.0	.1	-4	-1.1	133	119	-11
08S 38W 17CDD 01	T0	161.8	-19	-19.8	.4	-6	-1.2	150	131	-13
08S 38W 24AAR 01	T0	170.2	-10	-9.7	3.0	-3	-6	150	140	-7
08S 38W 28ACC 01	T0	146.0	-12	-14.0	-7	-4	-9	97	85	-12
08S 39W 02RAA 01	T0	161.5	-24	-26.5		-8	-1.7	157	134	-15
08S 39W 15CCC 01	T0	163.8	-37	-28.8		-1.2	-1.8	145	108	-26
08S 39W 17DCD 01	T0	186.1	-34	-25.1		-1.1	-1.6	148	114	-23
08S 39W 27AAR 01	T0	180.2	-38	-35.2		-1.2	-2.2	153	115	-25
08S 39W 28CAR 01	T0	169.1	-39	-25.1	.5	-1.2	-1.6	158	119	-25
08S 40W 12DBA 01	T0	168.1	-48	-35.1	1.1	-1.5	-2.2	170	122	-28
08S 40W 17CDR 01	T0	132.5	-31	-24.5	-8	-1.0	-1.5	175	145	-17
08S 40W 20CBC 03	T0	171.7	-36	-32.7	-1.6	-1.1	-2.0	180	144	-20
08S 40W 20CCC 01	T0	115.4	-35	-35.4	-8	-1.1	-2.2	197	162	-18
08S 40W 20AAA 01	T0	70.5	-26	-14.5	2.3	-8	-9	171	146	-15
08S 40W 24AAA 01	T0	184.3	-50	-35.3	1.1	-1.6	-2.2	156	106	-32
08S 40W 25AAC 01	T0	183.4	-50	-25.4	-9	-1.6	-1.6	157	107	-32
08S 40W 35CCB 01	T0	164.6	-33	-34.6		-1.0	-2.2	140	107	-24
08S 41W 17CBA 01	T0	145.1	-16	-16.1	-2.0	-5	-1.0	171	155	-9
08S 41W 25RBC 01	T0	116.7	-23	-20.7	-1.6	-7	-1.3	170	147	-14
08S 42W 04RBC 01	T0	183.5	-35	-31.5	-2.2	-1.1	-2.0	171	137	-20
08S 42W 15DDR 01	T0	125.0	-27	-26.0	-2.9	-8	-1.6	176	149	-15
08S 42W 19ABR 01	T0	169.8	-46	-39.8	1.4	-1.4	-2.5	186	140	-25
08S 42W 29ACR 01	T0									
08S 42W 31DCD 01	T0	77.7	-28	-19.7	-1.0	-9	-1.2	157	129	-18
08S 42W 34DCR 01	T0	152.8	-29	-27.8	-4.1	-9	-1.7	141	112	-21
09S 39W 02RAR 01	T0	170.6	-38	-38.2	-2.4	-1.2	-2.4	113	75	-34
09S 39W 17BRA 01	T0	155.3	-29	-32.5	-2.8	-9	-2.0	110	81	-26
09S 39W 19CCC 01	T0	144.9	-40	-32.3		-1.3	-2.0	140	100	-29
09S 40W 08CCR 01	T0	157.4	-34	-30.8	-1.7	-1.1	-1.9	128	94	-27
09S 40W 08CDR 01	T0	154.2	-38	-38.2	12.8	-1.2	-2.4	135	97	-28
09S 40W 13CDC 01	T0	157.5	-35	-32.5	3.5	-1.1	-2.0	137	103	-25
09S 40W 27CCD 01	T0	160.3	-35	-32.3		-1.1	-2.0	189	154	-19
09S 40W 29ABR 01	T0	158.5	-37	-39.5	-2.1	-1.2	-2.5	124	88	-29
09S 41W 05DCC 01	T0	166.8	-39	-30.8	-7	-1.2	-1.9	137	98	-28
09S 41W 14RBC 01	T0	173.7	-45		-1.7	-1.4				
09S 41W 28AAA 01	T0	175.7	-52	-41.7	7.0	-1.6	-2.6	166	114	-31
09S 41W 34RAR 01	T0	155.3	-44	-41.3	-2.8	-1.4	-2.6	179	135	-25
09S 42W 08AAA 01	T0	155.9	-36	-24.9	-5	-1.1	-1.6	151	115	-24
09S 42W 11CCR 01	T0	168.8	-44	-33.8	-2.3	-1.4	-2.1	149	105	-30
09S 42W 14AAA 01	T0	168.5	-53	-37.5	-2.0	-1.7	-2.3	175	123	-30

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

SHERMAN COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
09S 42W 16CDD 02	TN	146.0	-32	-29.0	-1.8	-1.0	-1.8	177	145	-18
09S 42W 35ABR 01	TN	142.5	-41	-39.5	-3.0	-1.3	-2.5	166	176	-24
10S 37W 23ABR 01	TN	191.8	-21	-17.8	1.0	-7	-1.1	118	97	-18
10S 40W 10ADC 01	OA, TO	17.1	-5	-1.1	-5	-2	-1	56	51	-9
10S 41W 15CAD 01	TN, OA	21.1	-9	-9.1	-2	-3	-6	105	96	-9
10S 42W 21BBR 01	TN	107.6	-35	-21.6	-1.3	-1.1	-1.4	150	115	-23
10S 42W 24BAR 01	TN	99.7	-27	-15.7	-1.3	-8	-1.0	131	104	-21



WATER-LEVEL CHANGE IN SHERMAN COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

STAFFORD COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1944	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
21S 11W 05AAC 01	QII	1798.		23								
21S 12W 10CDD 01	QII	1845.		24	4.9			20.4	22.3	23.7	24.8	27.1
21S 13W 01RCR 01	QII	1857.		9	3.7			10.0	13.4	14.9	15.9	16.3
21S 13W 13ADR 01	QII	1866.		18	5.9				14.9	16.3	17.4	18.1
21S 13W 27DDD 02	QII	1877.		11	.6	5.4	5.2	3.6	7.5	8.5	9.6	9.7
21S 14W 22AAC 01	QII	1926.		16	4.8			13.3	15.8	17.6	19.0	18.8
21S 14W 32RAC 01	QII	1949.		22	16.2			19.9	22.5	24.3	25.8	26.4
22S 11W 07RRR 01	QII	1785.	54	10	3.3			4.5	5.0	4.8	5.4	4.9
22S 12W 05RBD 01	QII	1870.		21	8.9			15.5	17.1	18.6	21.3	20.3
22S 12W 30RRD 01	QII	1872.		13	7.0			13.2	15.1	16.0	16.5	16.2
22S 12W 36RRR 02	QII	1827.	146		.7			2.9	5.1	4.1	5.4	3.8
22S 13W 05CBC 01	QII	1905.		6	3.1			10.8	13.2	15.0	16.2	15.7
22S 13W 12CAC 01	QII	1885.		20	8.6			16.3	18.3	19.6	20.1	20.2
22S 13W 29DAP 01	QII	1902.		17	5.2	12.2	12.0	12.6	16.0	14.6	16.8	16.4
22S 14W 07AAC 01	QII	1957.		22	9.1			18.2	21.1	25.5	24.4	25.1
22S 14W 14CCA 01	QII	1930.		12	.8			12.5	15.6	17.5	19.2	19.3
22S 14W 29RBA 01	QII	1953.		15	5.1			14.3	17.3	19.3	21.2	22.1
22S 14W 35DDR 01	QII	1930.		20	11.1			20.3	23.0	24.6	26.3	27.2
23S 11W 02RBR 01	QII	1789.	125		1.0			1.4	3.1	1.1	3.7	1.5
23S 11W 22RCC 01	QII	1802.		5	17.4			21.4	23.0	22.2	23.1	21.8
23S 12W 07DRD 01	QII	1859.		1	.5			6.6	8.2	8.4	9.2	8.4
23S 12W 22RCC 01	QII	1853.		4	5.4			11.6	22.5	14.7	14.9	13.8
23S 12W 36RBC 01	QII	1849.		8	11.7			14.5	17.1	17.2	17.9	17.0
23S 13W 08CCR 01	QII	1895.		8	4.4		7.6		10.4		11.8	11.5
23S 13W 16CCA 01	QII	1886.		14	8.9			11.8	13.2	12.9	13.8	13.4
23S 13W 30CBR 01	QII	1906.		11	7.9			10.5	11.5	11.6	12.3	12.2
23S 13W 35CCA 01	QII	1897.		19	7.3			14.7	16.6	17.5	18.7	18.6
23S 14W 15ADD 01	QII	1927.		7	3.3			6.3	7.7	7.8	9.0	8.8
23S 14W 30RBR 01	QII	1988.		24	34.4	32.8	31.4	32.4	34.8	36.2	38.3	38.8
24S 11W 14CAR 01	QII	1813.		24	30.0			31.4	31.9	31.0	30.8	31.7
24S 11W 17DDR 01	QII	1833.		23	22.8			23.0	23.4	23.0	23.0	23.1
24S 12W 17CAR 01	QII	1893.		22	16.8			22.3	25.5	26.6	27.5	26.8
24S 12W 34ABC 01	QII	1880.		29	20.0			20.7	22.6	22.7	22.7	22.9
24S 13W 07RDC 01	QII	1925.		22	15.9			19.4	20.2	20.4	21.1	21.0
24S 13W 16ACA 01	QII	1915.		18	8.6			15.4	17.5	18.6	20.1	20.5
24S 13W 30RCR 01	QII	1936.		7	7.6	12.2	12.0		12.8		14.1	15.5
24S 13W 36DDD 01	QII	1907.		21							21.9	21.7
24S 14W 17AAC 01	QII	1982.		27	21.7			25.9	27.6	28.3	28.9	29.4
24S 14W 31RRD 01	QII	1998.		23	7.8			17.4	18.7	19.6	20.2	20.6
24S 15W 08CDC 01	QII	2034.		12	6.8			11.2	13.0	13.5	15.0	16.4

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

STAFFORD COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
24S 15W 10RAR 01	QII	2024.		24	14.6			20.8	22.4	23.4	24.6	26.1
24S 15W 32DBC 01	QII	2044.		21	9.9			19.4	21.2	21.2	22.1	23.4
25S 11W 02ACR 01	QII	1770.		10	10.3			10.9	11.8	10.6	11.4	11.4
25S 11W 23DDN 01	QII	1796.		13	12.9			16.1	17.2	14.8	15.1	16.5
25S 12W 24DDR 01	QII	1840.		17	10.2			13.2	13.7	12.6	13.3	13.4
25S 12W 32CCA 01	QII	1876.		9	1.2			3.8	4.9	3.5	4.6	4.9
25S 13W 03RBR 01	QII	1932.		18	8.3	16.3	14.9	16.0	18.3	19.4	20.5	20.9
25S 13W 07R 01										18.8	20.2	20.7
25S 13W 12ADR 01	QII	1920.		23	73.4			29.3	31.6	32.2	33.6	32.4
25S 13W 16AAC 01		1940.		22					26.2		28.2	28.1
25S 13W 30CCA 01	QII	1965.		21	7.2			16.3	18.7	17.8	20.1	19.9
25S 13W 33OCR 01	QII	1930.		10	1.8					8.3	10.5	11.1
25S 14W 04RAD 01	QII	1969.		24	9.2			12.5	13.5	13.7	14.1	13.5
25S 14W 30CDB 01	QII	2004.		14	7.2			13.8	10.2		14.9	15.3
25S 15W 11ACR 01	QII	2020.		16	11.7			14.1	14.0	13.7	13.2	14.5
25S 15W 29RBD 01	QII	2034.		16	4.3			9.6	10.6	9.7	10.7	10.7

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

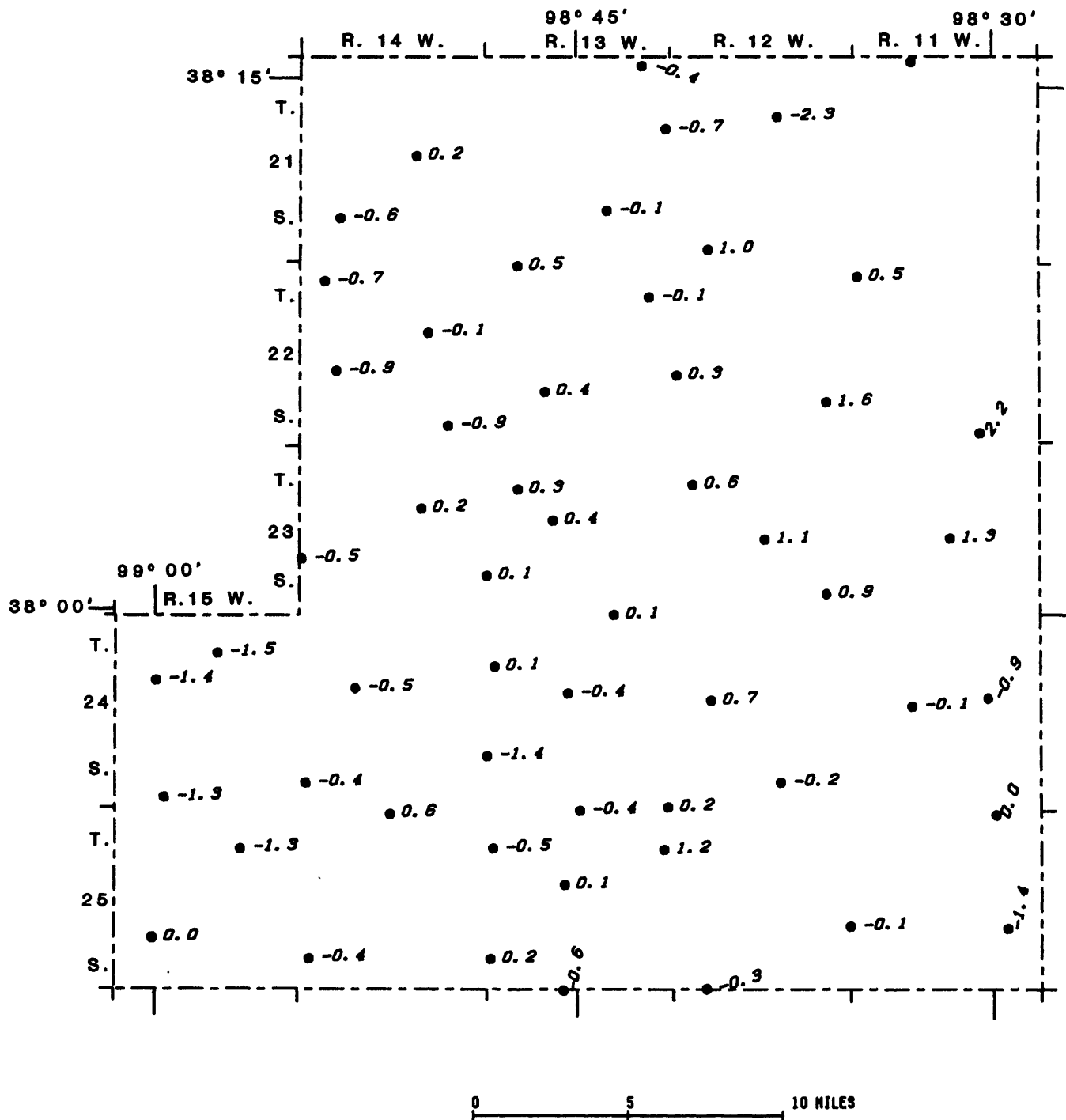
STAFFORD COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
21S 11W 05AAC 01	QII									
21S 12W 10CDD 01	QII	27.1	-3	-22.2	-2.3	-0.1	-2.8			
21S 13W 01RCR 01	QII	16.3	-7	-12.6	-0.4	-0.2	-1.6			
21S 13W 13ADR 01	QII	18.1		-12.2	-7		-1.5			
21S 13W 27DDN 02	QII	9.7	1	-9.1	-0.1		-1.1			
21S 14W 22AAC 01	QII	18.8	-3	-14.0	.2	-0.1	-1.8			
21S 14W 32RAC 01	QII	26.4	-4	-10.2	-0.6	-0.1	-1.3			
22S 11W 07RRR 01	QII	4.9	5	-1.6	.5	.1	-0.2	44	49	11
22S 12W 05RBD 01	QII	20.3	1	-11.4	1.0		-1.4			
22S 12W 30RBD 01	QII	16.2	-3	-9.2	.3	-0.1	-1.2			
22S 12W 36RBR 02	QII	3.8		-3.1	1.6		-0.4		142	
22S 13W 05CAC 01	QII	15.7	-10	-17.6	.5	-0.3	-1.6			
22S 13W 12CAC 01	QII	20.2		-11.6	-1.5		-1.5			
22S 13W 29DAD 01	QII	16.4	1	-11.2	.4		-1.4			
22S 14W 07AAC 01	QII	25.1	-3	-16.0	-0.7	-0.1	-2.0			
22S 14W 14CCA 01	QII	19.3	-7	-18.5	-0.1	-0.2	-2.3			
22S 14W 298BA 01	QII	22.1	-7	-17.0	-0.9	-0.2	-2.1			
22S 14W 35DDR 01	QII	27.2	-7	-16.1	-0.9	-0.2	-2.0			
23S 11W 02RBR 01	QII	1.5		-0.5	2.2		-0.1		124	
23S 11W 22RCC 01	QII	21.8	-17	-0.4	1.3	-0.4	-0.6			
23S 12W 07DBD 01	QII	8.4	-7	-7.9	.8	-0.2	-1.0			
23S 12W 22RCC 01	QII	13.8	-10	-8.4	1.1	-0.3	-1.1			
23S 12W 36RBC 01	QII	17.0	-9	-5.3	.9	-0.2	-0.7			
23S 13W 08CCR 01	QII	11.5	-4	-7.0	.3	-0.1	-0.9			
23S 13W 16CCA 01	QII	13.4	1	-4.5	.4		-0.6			
23S 13W 30CBR 01	QII	12.2	-1	-4.3	.1		-0.5			
23S 13W 35CCA 01	QII	18.6		-11.3	.1		-1.4			
23S 14W 15ADD 01	QII	8.8	-2	-5.5	.2	-0.1	-0.7			
23S 14W 30RBR 01	QII	38.8	-15	-4.4	-0.5	-0.4	-0.6			
24S 11W 14CAR 01	QII	31.7	-8	-1.7	-0.9	-0.2	-0.2			
24S 11W 17DDR 01	QII	23.1		-0.3	-0.1		-0.3			
24S 12W 17CAR 01	QII	26.8	-5	-10.0	.7	-0.1	-1.3			
24S 12W 34ARC 01	QII	22.9	6	-2.9	-0.2	.2	-0.4			
24S 13W 07RDC 01	QII	21.0	1	-5.1	.1		-0.6			
24S 13W 16ACA 01	QII	20.5	-3	-11.9	-0.4	-0.1	-1.5			
24S 13W 30RCR 01	QII	15.5	-9	-7.9	-1.4	-0.2	-1.0			
24S 13W 36DDN 01	QII	21.7	-1		.2		-1.0			
24S 14W 17AAC 01	QII	29.4	-2	-7.7	-0.5	-0.1	-1.0			
24S 14W 31RBD 01	QII	20.6	2	-12.8	-0.4	-0.1	-1.6			
24S 15W 08CDC 01	QII	16.4	-4	-9.6	-1.4	-0.1	-1.2			

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

STAFFORD COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1944-82 (FEET)	WATER LEVEL CHANGE 1974-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-82 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-82
24S 15W 10RAR 01	Q11	26.1	-2	-11.5	-1.5	-1.1	-1.4			
24S 15W 32DBC 01	Q11	23.4	-2	-13.5	-1.3	-1.1	-1.7			
25S 11W 02ACR 01	Q11	11.4	-1	-1.1	.0		-1			
25S 11W 23DDO 01	Q11	16.5	-4	-3.6	-1.4	-1	-1.5			
25S 12W 24DDR 01	Q11	13.4	4	-3.2	-1	.1	-1.4			
25S 12W 32CCA 01	Q11	4.9	4	-3.7	-3	.1	-1.5			
25S 13W 03RBR 01	Q11	20.9	-3	-12.6	-4	-1.1	-1.6			
25S 13W 07R 01		20.7			-5					
25S 13W 12ADR 01	Q11	32.4	-9	-9.0	1.2	-2	-1.1			
25S 13W 16AAC 01		28.1	-6		.1	-2.2				
25S 13W 30CCA 01	Q11	19.9	1	-12.7	.2		-1.6			
25S 13W 33DCR 01	Q11	11.1	-1	-9.3	-6		-1.2			
25S 14W 04AAD 01	Q11	13.5	11	-4.3	.6	.3	-1.5			
25S 14W 30CDR 01	Q11	15.3	-1	-8.1	-4		-1.0			
25S 15W 11RCR 01	Q11	14.5	2	-2.8	-1.3	.1	-1.4			
25S 15W 29ABD 01	Q11	10.7	5	-6.4	.0	.1	-1.8			



WATER-LEVEL CHANGE IN STAFFORD COUNTY, 1981-82

STANTON COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO RED ROCK (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)				DEPTH TO WATER (FEET)				DEPTH TO WATER (FEET)				DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)
					1940	1966	1977	1978	1979	1980	1981	1982	1979	1980	1981	1982		
277S 39W 02RBR 01	QU, TO	3217.	97	88	88.1	86.0	89.1	88.2	85.5	86.2	85.6	85.6	85.6	85.6	85.6	85.6		
277S 39W 23ACC 02	QU, TO	3144.	370	45	79.2	143.7	163.7	162.7	166.7	171.2	180.5	179.2	179.2	179.2	179.2	179.2		
277S 39W 27RBA 01	QU, TO	3175.	395	68	102.2	150.9	159.9	156.1	164.9	170.4	191.3	217.2	217.2	217.2	217.2	217.2		
277S 39W 34DDO 01	QU, TO	3153.	404	54	114.2	198.5	218.5	226.0	223.0	224.6	216.6	217.2	217.2	217.2	217.2	217.2		
277S 40W 21DAA 01	QU, TO	3235.	230	52	48.6	62.7	67.1	72.1	75.8	81.2	216.6	217.2	217.2	217.2	217.2	217.2		
277S 40W 25CRC 01	QU, TO	3228.	328	73	85.8	113.2	117.0	121.4	132.8	140.1	163.3	163.3	163.3	163.3	163.3	163.3		
277S 41W 31CCB 02	QU, TO	3402.	308	156	167.6	222.4	218.4	224.4	229.0	233.3	230.5	235.1	235.1	235.1	235.1	235.1		
277S 41W 35CCC 01	QU, TO, KJ	3340.			135.0	155.1	163.3	158.9	158.6	160.5	163.6	166.4	166.4	166.4	166.4	166.4		
277S 42W 11DDO 01	QU, TO	3409.	250	120	116.0	143.9	151.8	154.1	154.1	159.5	161.9	166.2	166.2	166.2	166.2	166.2		
277S 42W 31CCC 01	QU, TO, KJ	3537.			193.2	218.4	224.6	228.6	228.6	234.6	236.3	236.3	236.3	236.3	236.3	236.3		
28S 39W 05RBR 01	QU, TO	3187.	347	56							174.1	174.1	174.1	174.1	174.1	174.1		
28S 39W 05RRR 02	QU, TO	3187.	347	56	56.5	93.9	101.7	105.9	135.1	146.3	116.8	116.8	116.8	116.8	116.8	116.8		
28S 39W 14RRC 01	QU, TO, KJ	3158.			97.1	118.9	122.7	128.5	128.5	132.3	134.0	136.5	136.5	136.5	136.5	136.5		
28S 39W 31RCC 01	QU, TO	3232.	437	91	122.6	163.1	163.1	174.8	186.5	209.9	203.7	204.9	204.9	204.9	204.9	204.9		
28S 39W 33ACC 01	QU, TO	3201.	428	82	120.1	164.4	169.0	174.5	173.7	171.9	177.1	176.6	176.6	176.6	176.6	176.6		
28S 39W 36ARR 01	QU, TO	3145.	412	57	100.3	153.2	156.3	163.6	167.3	173.6	183.1	189.4	189.4	189.4	189.4	189.4		
28S 40W 04CCC 01	QU, TO	3289.	354	110	115.6	154.8	163.1	174.6	178.9	181.2	185.4	191.8	191.8	191.8	191.8	191.8		
28S 40W 12DDO 02	QU, TO	3225.	385	83	107.4	164.7	174.1	180.4	183.8	191.6	202.3	202.3	202.3	202.3	202.3	202.3		
28S 40W 23ACC 01	QU, TO	3254.	404	103	120.2	163.4	165.8	170.1	170.1	177.8	171.1	170.9	170.9	170.9	170.9	170.9		
28S 40W 32CCR 01	QU, TO	3320.	446	158	172.5	220.7	228.5	234.6	243.6	241.3	244.2	249.6	249.6	249.6	249.6	249.6		
28S 41W 12RRC 01	QU, TO	3313.	323	119	129.5	162.5	167.3	169.1	174.6	166.0	152.7	155.1	155.1	155.1	155.1	155.1		
28S 41W 31RDD 01	QU, TO	3414.	280	155	146.0	172.2	177.6	178.7	178.7	166.0	168.5	168.9	168.9	168.9	168.9	168.9		
28S 42W 08CCC 01	QU, TO	3539.	300	199	233.9	252.2	258.1	264.8	254.0	254.8	255.5	256.8	256.8	256.8	256.8	256.8		
28S 42W 32RBR 01	KJ	3540.			215.9	228.0	228.6	226.9	224.2	225.9	225.6	226.2	226.2	226.2	226.2	226.2		
29S 39W 17RBR 01	QU, TO	3239.	456	108	128.2	180.7	180.7	185.6	191.6	200.0	222.2	222.2	222.2	222.2	222.2	222.2		
29S 39W 21DDB 01	QU, TO	3183.	413	62	82.6	122.2	128.3	130.1	139.7	152.7	152.7	152.7	152.7	152.7	152.7	152.7		
29S 39W 24DDA 01	QU, TO	3154.	449	62	80.0	120.8	123.0	127.5	130.6	133.5	144.1	144.1	144.1	144.1	144.1	144.1		
29S 41W 13ACC 01	QU, TO	3344.	400	176	192.6	231.3	237.4	242.4	247.3	246.2	258.4	237.2	237.2	237.2	237.2	237.2		
29S 41W 31CRD 01	KJ	3477.			236.5	259.9	259.9	263.2	195.1	236.6	258.4	195.1	195.1	195.1	195.1	195.1		
29S 42W 08CDC 01	KJ	3517.			186.9	197.1	200.2	195.1	195.1	236.6	258.4	195.1	195.1	195.1	195.1	195.1		
29S 42W 11DCD 01	KJ	3486.			212.2	221.4	225.9	233.6	224.7	273.9	224.9	224.9	224.9	224.9	224.9	224.9		
29S 42W 24CCC 01	QU, TO, KJ	3484.			221.2	206.9	206.9	208.6	202.9	200.5	203.4	203.4	203.4	203.4	203.4	203.4		
29S 43W 33CDB 01	KJ	3654.			119.8				115.8	115.3	117.4	115.6	115.6	115.6	115.6	115.6		
30S 39W 02ABR 01	QU, TO	3177.	417	72	89.2	124.2	129.8	140.6	149.6	149.6	159.7	164.7	164.7	164.7	164.7	164.7		
30S 39W 18RBR 01	QU, TO, KJ	3238.			121.2		149.8	164.4	168.7	177.8	211.8	211.8	211.8	211.8	211.8	211.8		
30S 39W 23RBR 01	QU, TO	3179.	404	72	89.5	123.9	129.9	134.7	139.2	148.0	151.9	155.6	155.6	155.6	155.6	155.6		
30S 39W 32DA 01	QU, TO	3226.	247	104	116.8	150.0	155.8	160.5	161.0	168.9	175.7	181.8	181.8	181.8	181.8	181.8		
30S 39W 36RDD 01	QU, TO	3181.	415	82	102.9	137.5	139.8	145.5	145.5	149.6	160.1	181.6	181.6	181.6	181.6	181.6		
30S 40W 24CDC 01	QU, TO, KJ	3237.			115.3	149.4	145.2	148.7	151.1	163.9	174.0	198.2	198.2	198.2	198.2	198.2		
30S 40W 33CCR 01	KJ	3309.			164.3	182.0	182.6	192.2	188.6	193.7	181.8	181.8	181.8	181.8	181.8	181.8		

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

STANTON COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
30S 41W 13CCC 01	QU,TO	3346.	216	158	170.3	199.9	195.4	198.3	206.8	197.2	191.6	
30S 42W 12ACC 01	KJ	3457.			188.0	186.9	185.5	206.2	189.6	195.6	191.9	
30S 42W 16RDR 01	KJ	3524.		42	187.8	186.9	185.5	182.9	181.0	180.3		
30S 43W 34RBR 01	QU,TO	3622.	103		66.3	88.1	83.3	82.4	82.2	78.9	85.8	83.5
30S 43W 36RBR 01	QU,TO,KJ	3595.			71.6	75.8	76.0	77.1	77.2	77.9	74.0	74.9

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

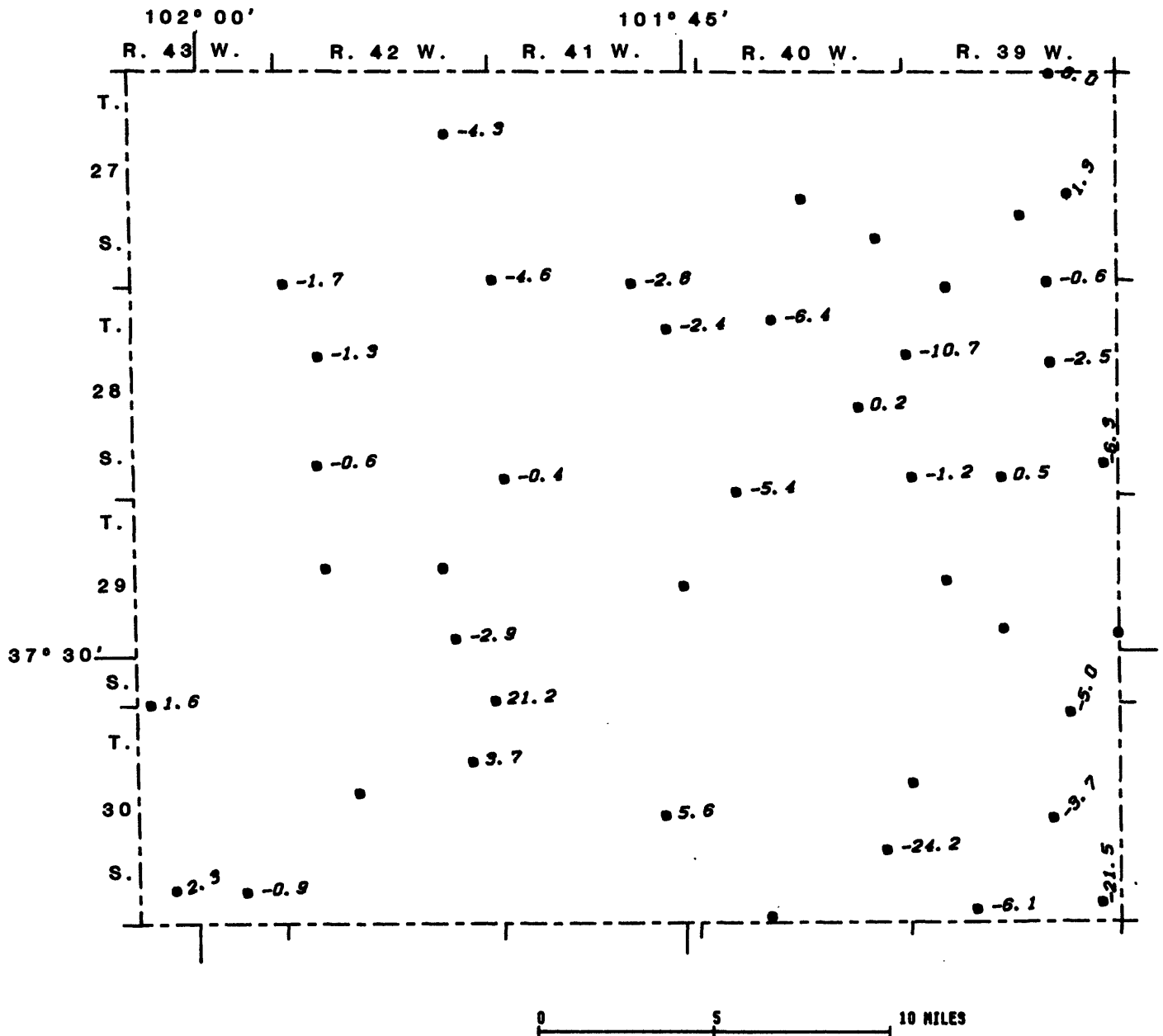
STANTON COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
27S 39W 02BR 01	OU, TO	85.6	2	2.6	0		.2	9	11	22
27S 39W 23AC 02	OU, TO	179.2	-134	-100.0	1.3	-3.2	-6.3	325	191	-41
27S 39W 27BA 01	OU, TO									
27S 39W 34DD 01	OU, TO	217.2	-163	-103.0	-6	-3.9	-6.4	350	187	-47
27S 40W 21DA 01	OU, TO									
27S 40W 25CB 01	OU, TO	163.3	-90	-77.5		-2.1	-4.8	255	165	-35
27S 41W 31CC 02	OU, TO	235.1	-79	-67.5	-4.6	-1.9	-4.2	152	73	-52
27S 41W 35CC 01	OU, TO, KJ	166.4		-31.4	-2.8		-2.0			
27S 42W 11DB 01	OU, TO	166.2	-46	-50.2	-4.3	-1.1	-3.1	130	84	-35
27S 42W 31CC 01	OU, TO, KJ	236.3		-43.1	-1.7		-2.7			
28S 39W 05RR 01	OU, TO	174.1	-118			-2.8		291	173	-41
28S 39W 05BR 02	OU, TO	116.8	-61	-60.3		-1.5	-3.8	291	230	-21
28S 39W 14BC 01	OU, TO, KJ	136.5		-39.4	-2.5		-2.5			
28S 39W 31BC 01	OU, TO	204.9	-114	-82.3	-1.2	-2.7	-5.1	346	232	-33
28S 39W 33AC 01	OU, TO	176.6	-95	-56.5	.5	-2.3	-3.5	346	251	-27
28S 39W 36AB 01	OU, TO	189.4	-132	-89.1	-6.3	-3.1	-5.6	355	223	-37
28S 40W 04CC 01	OU, TO	191.8	-82	-76.2	-6.4	-2.0	-4.8	244	162	-34
28S 40W 12DD 02	OU, TO	202.3	-119	-94.8	-10.7	-2.8	-5.9	302	183	-39
28S 40W 23AC 01	OU, TO	170.9	-68	-50.7	.2	-1.6	-3.2	301	233	-23
28S 40W 32CC 01	OU, TO	249.6	-92	-77.1	-5.4	-2.2	-4.8	288	196	-32
28S 41W 12BC 01	OU, TO	155.1	-36	-25.6	-2.4	-.9	-1.6	204	168	-18
28S 41W 31RD 01	OU, TO	168.9	-14	-22.9	-4	-.3	-1.4	125	111	-11
28S 42W 08CC 01	OU, TO	256.8	-58	-22.9	-1.3	-1.4		101	43	-57
28S 42W 32BR 01	KJ	226.2		-10.3	-6		-6			
29S 39W 17CR 01	OU, TO									
29S 39W 21DB 01	OU, TO									
29S 39W 24DA 01	OU, TO									
29S 41W 13AC 01	OU, TO									
29S 41W 31CR 01	KJ	237.2		-7	21.2					
29S 42W 08CD 01	KJ	195.1		-8.1			-5			
29S 42W 11CD 01	KJ	224.9		-12.6						
29S 42W 24CC 01	OU, TO, KJ	203.4		17.9	-2.9		-8			
29S 43W 33CR 01	KJ	115.6		4.2	1.8		1			
30S 39W 02AB 01	OU, TO	164.7	-93	-75.4	-5.0	-2.2	-4.7	345	252	-27
30S 39W 18BR 01	OU, TO, KJ	211.8		-90.6			-5.7			
30S 39W 23BR 01	OU, TO	155.6	-84	-66.1	-3.7	-2.0	-4.1	332	248	-25
30S 39W 32DA 01	OU, TO	181.8	-78	-65.0	-6.1	-1.9	-4.1	143	65	-55
30S 39W 36RD 01	OU, TO	181.6	-100	-78.7	-21.5	-2.4	-4.9	333	233	-30
30S 40W 24CD 01	OU, TO, KJ	198.2		-82.9	-24.2		-5.2			
30S 40W 33CC 01	KJ									

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

STANTON COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
30S 41W 13CCC 01	QU, TO	191.6	-34	-21.2	5.6	-.8	-1.3	58	24	-59
30S 42W 12ACC 01	KJ	191.9		-3.8	3.7		-.2			
30S 42W 16RDR 01	KJ									
30S 43W 34RBR 01	QU, TO	83.5	-42	-17.1	2.3	-1.0	-1.1	61	20	-67
30S 43W 36RB 01	QU, TO, KJ	74.9		-3.3	-.9		-.2			



WATER-LEVEL CHANGE IN STANTON COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

STEVENS COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
31S 35W 07RBR 01	QU, TO	3017.	437	172	185.8	271.2	224.7	229.0	229.8	229.9	229.2	227.6
31S 35W 15RAA 01	QU, TO	3009.	440	224	236.4			262.4	266.3	271.9	276.2	275.6
31S 35W 19CCC 01	QU, TO	3039.	490	174	187.3	209.1	211.1	213.8	213.5	217.3	221.4	221.4
31S 35W 26DCC 01	QU, TO	2988.	447	213	230.2	250.4	255.3	261.2	263.3	266.7		
31S 36W 02CDD 01	QU, TO	3019.	365	139	155.8	167.6	169.3	169.4	171.4	174.9	182.6	179.7
31S 36W 18RAA 01	QU, TO	3056.	376	96	102.2	127.3	130.1	133.5	138.1	145.5	152.4	146.3
31S 36W 27RCR 01	QU, TO	3071.	461	136	137.3	157.7	163.0	164.7	167.5	174.1	180.0	175.8
31S 37W 09ACC 01	QU, TO	3103.	403	108	130.1	162.2	168.7		172.6	172.6	187.0	191.6
31S 37W 22ACC 01	QU, TO	3096.	440	106	128.3	157.9	163.2	172.6		176.2	181.7	183.0
31S 38W 17CDA 01	QU, TO	3170.	380	110	131.0	165.4	174.9	170.8	182.5	182.7		170.2
31S 39W 23RBR 01	QU, TO	3199.	259	98	116.9	152.2	150.5	154.8	158.5	157.3	164.2	
32S 35W 08DDO 01	QU, TO	3012.	502	130		139.4	143.5	144.1	146.6	148.2	155.0	154.1
32S 35W 14ABA 01		2972.		180							157.5	158.3
32S 35W 27DAR 01		2982.		150								166.1
32S 36W 01DBR 01		3047.		137								
32S 36W 06DBR 01		3093.		128								
32S 36W 27DDO 01		3041.		109								195.6
32S 37W 04ACA 01	QU, TO	3141.	521	144	162.0	186.9	192.4	197.4	200.1	208.4	204.9	209.0
32S 37W 10DCC 01	QU, TO	3120.	540	127	136.4	151.1	153.4	154.0	155.9	157.5	163.0	158.4
32S 37W 26RAC 01	QU, TO	3118.		124								
32S 38W 06ACC 01	QU, TO	3150.	320	60	55.6	58.5	57.9	57.2		59.5	58.7	58.6
32S 38W 11ADA 01	QU, TO	3159.	529	118	114.1	113.4	115.5	117.5	119.8	121.5	123.5	125.2
32S 38W 23RDD 01	QU, TO	3175.	505	116	106.2	110.5	119.3	119.6	122.1	126.1	126.1	126.0
32S 39W 02RBR 01	QU, TO	3216.	296	96	132.9		172.6	176.3	176.4	173.7		207.8
33S 35W 09CAA 01		2947.		67						107.3		
33S 35W 23CBB 01		2968.		104								120.6
33S 36W 03ACA 01		3027.		90								124.3
33S 36W 11DDC 01	QU, TO	3020.	475	101	102.5	128.2	128.9	132.2	122.8	122.3	176.9	141.8
33S 36W 23AAA 01	QU, TO	3031.		114								
33S 36W 26DDO 01	QU, TO	3032.	422	121	118.7	138.9	139.1	147.6	136.5	137.1		
33S 37W 09ACC 01	QU, TO	3113.	525	81			77.5	78.5	79.5	80.8	84.9	
33S 37W 17CCC 01	QU, TO	3124.	554	83	89.3	78.3	81.4	84.3	86.2	87.1	90.4	95.7
33S 37W 23CDB 01	QU, TO	3092.	562	87	83.8	94.5	95.6	96.4	95.9	95.9	95.7	95.6
33S 38W 06AAR 01	QU, TO	3203.	378	93	94.6	90.8	91.7	93.9	91.8	91.3	92.0	91.4
33S 38W 10ACC 01	QU, TO	3166.	466	101	107.7	115.0	119.5	122.7	126.1	127.4	129.9	129.1
33S 38W 20DDR 01	QU, TO	3191.	456	106	174.9	143.2	141.5	153.4	143.3	145.4	150.9	148.1
34S 35W 03DCC 01		2981.		108								130.5
34S 35W 07ACC 01	QU, TO	3025.	605	120	113.6	139.0	142.2		144.0	146.5	152.6	152.6
34S 35W 26ACC 01		2977.		112							119.7	117.5
34S 36W 10CAC 01		3065.		135							137.8	140.7

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

STEVENS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
34S 37W 08DAC 01	QU, TO	3162.	642	133	113.0	114.6	117.1	118.8	120.7	124.2	124.0	124.1
34S 37W 27ABC 01	QU, TO	3132.	532	125	105.8	103.7	104.5	107.7	111.0	110.8	111.5	112.1
34S 38W 02CAC 01	QU, TO	3197.	577	139	136.0		142.8			151.9	159.4	161.2
34S 39W 02CCA 01	QU, TO	3248.	533	118	108.3	102.5	102.6	102.7	102.8	100.7	102.3	101.2
34S 39W 15CAD 01	Q", TO	3280.	510	141	141.7	134.8	135.9	135.8	136.3	136.3	136.4	136.1
35S 36W 01AAA 01	QU, TO	3022.	590	120			107.8	108.9	111.5	112.5		114.2
35S 39W 10CAD 01	Q", TO	3302.	502	183	188.0	184.9	185.4	193.6	188.1	187.6	197.0	193.4

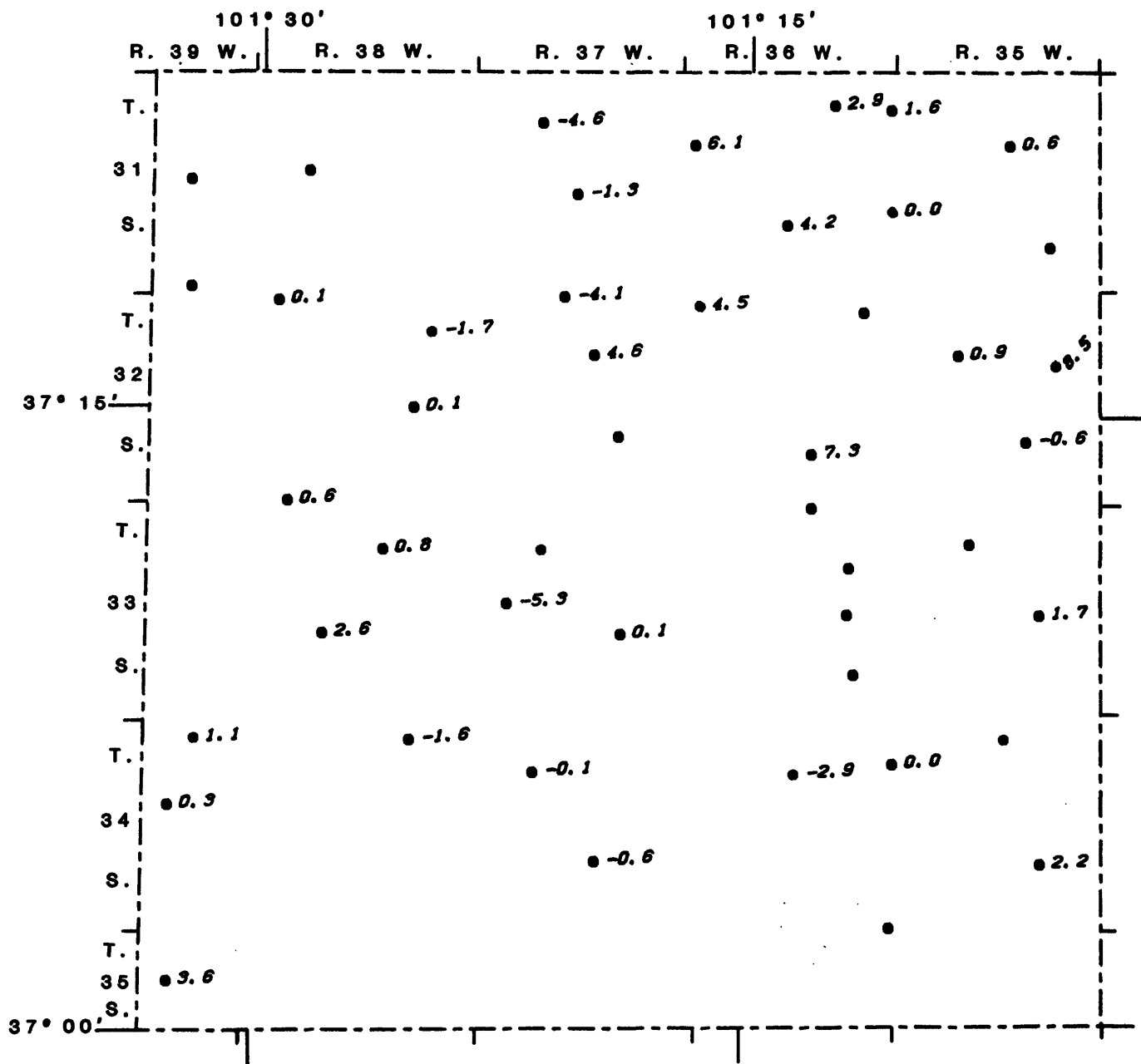
TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

STEVENS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
31S 35W 07RBR 01	QU, TO	227.6	-56	-41.8	1.6	-1.3	-2.6	265	209	-21
31S 35W 15RAA 01	QU, TO	275.6	-52	-39.2	.6	-1.2	-2.5	225	173	-23
31S 35W 19CCC 01	QU, TO	221.4	-47	-34.1	.0	-1.1	-2.1	316	269	-15
31S 35W 26DCC 01	QU, TO									
31S 36W 02CDD 01	QU, TO	179.7	-41	-23.8	2.9	-1.0	-1.5	226	185	-18
31S 36W 18RAA 01	QU, TO	146.3	-50	-44.1	6.1	-1.2	-2.8	280	230	-18
31S 36W 27RCR 01	QU, TO	175.8	-40	-38.5	4.2	-1.0	-2.4	325	285	-12
31S 37W 09RCC 01	QU, TO	191.6	-84	-61.5	-4.6	-2.0	-3.8	295	211	-28
31S 37W 22RCC 01	QU, TO	183.0	-77	-54.6	-1.3	-1.8	-3.4	334	257	-23
31S 38W 17CDA 01	QU, TO	170.2	-60	-39.2		-1.4	-2.5	270	210	-22
31S 39W 23RBR 01	QU, TO									
32S 35W 08DDN 01	QU, TO	154.1	-24		.9	-.6		372	348	-6
32S 35W 14ABA 01		223.3	-43		8.5	-1.0				
32S 35W 27DAR 01		158.3	-8		-.8	-.2				
32S 36W 01DBR 01		166.1	-29			-.7				
32S 36W 06DBR 01		195.6	-68		4.5	-1.6				
32S 36W 27DDN 01		162.0	-53		7.3	-1.3				
32S 37W 04ACA 01	QU, TO	209.0	-65	-47.0	-4.1	-1.5	-2.9	377	312	-17
32S 37W 10DCC 01	QU, TO	158.4	-31	-22.0	4.6	-.7	-1.4	413	382	-8
32S 37W 26RAC 01										
32S 38W 06ACC 01	QU, TO	58.6	1	-3.0	.1		-.2	260	261	
32S 38W 11ADA 01	QU, TO	175.2	-7	-11.1	-1.7	-.2	-.7	411	404	-2
32S 38W 23RDD 01	QU, TO	126.0	-10	-19.8	.1	-.2	-1.2	389	379	-3
32S 39W 02RBR 01	QU, TO	207.8	-112	-74.9		-2.7	-4.7	200	88	-56
33S 35W 09CAA 01										
33S 35W 23CBR 01		120.6	-17		1.7	-.4				
33S 36W 03ACA 01										
33S 36W 11DDC 01	QU, TO	124.3	-23	-21.8		-.5	-1.4	374	351	-6
33S 36W 23AAA 01	QU, TO	141.8	-21	-23.1		-.5	-1.4	301	280	-7
33S 36W 26DDN 01										
33S 37W 09RCC 01	QU, TO									
33S 37W 17CCC 01	QU, TO	95.7	-13	-6.4	-5.3	-.3	-.4	471	458	-3
33S 37W 23CDB 01	QU, TO	95.6	-9	-11.8	.1	-.2	-.7	475	466	-2
33S 38W 06AAR 01	QU, TO	91.4	2	3.3	.6		-.2	285	287	1
33S 38W 10ACC 01	QU, TO	129.1	-28	-21.3	.8	-.7	-1.3	365	337	-8
33S 38W 20DDR 01	QU, TO	148.1	-42	-23.2	2.8	-1.0	-1.5	350	308	-12
34S 35W 03DCC 01		130.5	-23			-.5				
34S 35W 07RCC 01	QU, TO	152.6	-33	-39.0	.0	-.8	-2.4	485	452	-7
34S 35W 26ACC 01		117.5	-6		2.2	-.1				
34S 36W 10CAC 01		140.7	-6		-2.9	-.1				

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED
STEVENS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1940-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-82
34S 37W 08DAC 01	QU,TO	124.1	9	-11.1	-.1	.2	-.7	509	518	2
34S 37W 27ABC 01	QU,TO	112.1	13	-6.3	-.6	.3	-.4	407	420	3
34S 38W 02CAC 01	QU,TO	161.2	-22	-25.2	-1.8	-.5	-1.6	438	416	-5
34S 39W 02CCA 01	QU,TO	101.2	17	7.2	1.1	.4	.5	415	432	4
34S 39W 15CAD 01	QU,TO	136.1	5	5.6	.3	.1	.4	369	374	1
35S 36W 01AAA 01	QU,TO	114.2	6	-5.4	3.6	.1	-.3	470	476	1
35S 39W 10CAD 01	QU,TO	193.4	-10			-.2		319	309	-3



WATER-LEVEL CHANGE IN STEVENS COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED
THOMAS COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1950	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
06S 31W 03ADR 01	TN	2957.	192	109	115.0	123.1	119.0	119.1	118.9	118.2	120.1	115.9
06S 31W 33CCD 01	QA, TO	2916.	131	18	10.0	25.9	28.5	28.1	29.0	29.1	30.9	30.6
06S 32W 12CBC 01	TN	3020.	210	115	114.0	115.7	116.0	116.4	116.8	120.0	120.0	118.0
06S 32W 29CDC 01	TN	3077.	204	113	111.0	118.0	124.5	124.1	124.7	123.3	124.4	124.0
06S 32W 34CBC 01	TN	3032.	77	77				89.8	92.4	92.4	93.8	95.1
06S 33W 07RBR 01	TN	3177.	234	137					137.6	136.0	137.4	137.4
06S 33W 18CCC 01	TN											125.7
06S 33W 23DDD 01	QA	2997.	81	9					13.7	12.8	14.3	13.6
06S 33W 31CAR 01		3065.	90	3					14.7	14.3	14.9	15.3
06S 34W 01DDD 01	TN							136.5	136.4			
06S 34W 10DDA 01	TN	3212.	235	144	140.0	147.1	151.1	148.0	151.6	148.6		149.9
06S 34W 11CDD 01	TN	3218.	253	158	156.0	162.4	164.0		164.5	163.0	163.2	163.7
06S 34W 17CBC 01	TN	3261.	258	151	151.0	153.5	156.5	160.9	160.2	157.1	157.8	158.2
06S 35W 02CDD 01	TN	3245.	250	117	127.0	128.2	128.8	128.6	132.9	129.4	130.1	131.4
06S 35W 26ACR 01	TN	3300.	255	151	150.0	150.6	151.8	152.8	154.1	154.2	154.4	153.8
06S 36W 06RCD 01	TN	3408.	323	174	178.0	184.1		188.0	188.6	191.4	190.9	190.4
06S 36W 11ACC 01	TN	3360.	280	168	161.0	165.9	166.5	167.8	171.4	167.9	170.3	167.8
06S 36W 30DCR 01	TN	3417.	307	152	147.0	151.1	152.4	152.7	153.6	153.9	154.5	155.5
06S 36W 34DCR 01	TN	3334.	246	99	94.0	104.8	98.6	98.2	104.8	101.4	101.6	102.8
06S 31W 01DCA 01	TN	2956.	246	108	101.0	105.5	106.8	113.4	114.0	110.7		112.4
07S 32W 07ACA 01	TN	3056.	146	68	64.0	73.4	75.4	76.1	77.3	77.4	78.5	79.3
07S 32W 13AAA 01	TN	3037.	234	102	101.0	112.1	113.8	115.6	117.4	118.7	120.0	121.7
07S 33W 07RDA 01	TN	3203.	254	141	149.0	154.5	154.5	154.1	162.3	153.0	154.7	154.7
07S 33W 21DBC 01	TN	3141.	210	111	104.0	110.6	112.3	113.6	114.7	114.3	116.7	116.5
07S 33W 35ADD 01	TN	3145.	252	131	131.0		145.3	147.3	152.6	147.8	150.3	151.8
07S 34W 08RBR 01	TN	3224.	204	94	95.0	100.0	98.4		100.0	99.7	99.1	98.8
07S 34W 25AAA 01	TN	3167.	240	106	106.0	110.0	111.7	111.0	111.9	110.1	114.8	111.8
07S 34W 26DBD 01	TN	3177.	230	104	104.0	107.7	108.2	108.2	112.4	114.0	109.6	110.0
07S 35W 09CCC 01	TN	3315.	265	124					127.3	129.6	129.6	129.0
07S 36W 17CCC 01	TN	3417.	267	139	134.0	140.0	141.5	141.9	143.7	142.6	145.2	145.2
07S 36W 35CBB 01	TN	3341.	221	82	82.0	86.4	87.0	90.5	89.3		89.0	89.5
08S 31W 03CDD 01	TN	3003.		110						127.5	130.3	132.2
08S 31W 20CDD 01	TN	3026.	220	98	101.0	112.4	108.0	115.7	110.4	111.8	114.7	
08S 32W 07RAA 01	TN	3102.	272	98	99.0	103.4	111.6	112.8	116.8	116.1	119.1	120.5
08S 32W 12DBC 01	TN	3057.	217	110	108.0	111.0	106.5	107.5	110.1	111.4	113.7	114.8
08S 32W 27DAR 01	TN	3078.	228	112	110.0	108.7	110.2	112.5			115.6	121.5
08S 33W 02CDA 01	TN	3141.		123							145.8	144.3
08S 33W 07AAR 01	TN	3194.	244	144	143.0	154.7	170.1	151.6	152.6	153.2	155.3	156.8
08S 33W 34RBC 01	TN	3168.	197	113	130.0	141.4	139.0	145.6	150.3	148.0	149.5	149.0
08S 34W 01RAC 01	TN	3179.	270	113	116.0	120.2	121.7	121.8	122.8	122.4	124.3	124.2

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

THOMAS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1950	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1976	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982
08S 34W 06BCB 01	TN	3266.	227	130	135.0	136.9	137.8	138.9	141.6	137.2	137.8	140.1
08S 34W 23CBD 01	TN	3232.	235	162	155.0	163.7	166.0	167.4	170.3	171.3	174.3	176.2
08S 36W 18ABA 02	TN	3428.	120	120	124.4	124.4	125.4	125.8	126.4	128.3	128.3	
09S 31W 10RBB 01	TN	2999.	177	85	83.0	86.6	85.5	85.7	86.9	86.1	88.2	87.8
09S 31W 22ABD 01	TN	2990.	191	83	77.0	76.7	82.9		80.4	82.4	84.8	83.7
09S 31W 36AAR 01	TN	3013.	209	130	131.0		136.9	141.1	143.2	138.8		141.5
09S 32W 27RCD 01	TN	3076.	207	97	98.0	110.7	112.2	114.6	123.9	115.5	117.0	120.7
09S 33W 15ACC 01	TN	3135.	248	100	99.0	110.9	115.2	117.9	121.1	121.9	129.2	126.1
09S 33W 26DAD 01	TN	3145.	235	130				144.0		147.9	150.4	153.0
09S 33W 30CAA 01	TN	3216.	280	161	176.0	188.0	193.5	194.6	198.6	197.0	201.3	200.2
09S 33W 35AAD 01	TN	3145.	250	125	129.0	140.8	144.0	147.8	154.8	149.9	152.8	155.9
09S 34W 12ADA 01	TN	3199.	269	134					156.5	153.0	155.4	157.3
09S 35W 32DAA 01	TN	3361.	235	182	188.0	188.3	187.7	187.4	188.0	187.6	187.0	187.0
10S 31W 26AAA 01	QA, TN	2891.	31	11	5.0	9.4	8.4	9.2	9.8	9.7	10.7	11.1
10S 31W 29AAR 01	TN	2997.	190	82	82.0	85.2	86.7	87.7	88.8	89.4	91.1	90.7
10S 32W 04CAR 01	TN	3091.	214	106	103.0	111.0	114.1	108.5	118.7	112.9	120.4	122.5
10S 32W 11PAA 01	TN	3072.	171	110	105.0	108.9	110.4	113.0	112.9	114.5		117.3
10S 32W 29DCR 01	TN	3064.	184	78	80.0	88.6	89.5	91.0	93.3	93.0	93.9	94.5
10S 33W 03DBC 01	TN	3145.	254	120	127.0	137.4	150.6	140.6	146.2		148.5	149.1
10S 33W 06RBC 01	TN	3191.	315	136		173.2	177.7	181.4				178.9
10S 33W 17AAA 01	TN	3182.		142								
10S 33W 19CRD 01	TN	3161.	166	100	99.0	102.9	103.8	107.0	104.5	104.0	104.8	105.0
10S 33W 27ARR 01	TN	3119.	152	87	92.0		97.7			100.1		102.8
10S 34W 01ABA 01	TN	3197.	301	138	148.0	173.2	177.0		182.4	174.5		177.0
10S 34W 12RCD 01	TN	3220.	297	157	169.0	177.2	173.7	173.5	182.2	174.5		171.3
10S 34W 14RCC 01	TN	3222.	194	138	142.0	141.7	142.3	142.2	145.8	144.9		141.7
10S 36W 36ACC 01	TN	3359.	199	164	169.0		171.8	170.8	170.2	171.9	171.8	171.5

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

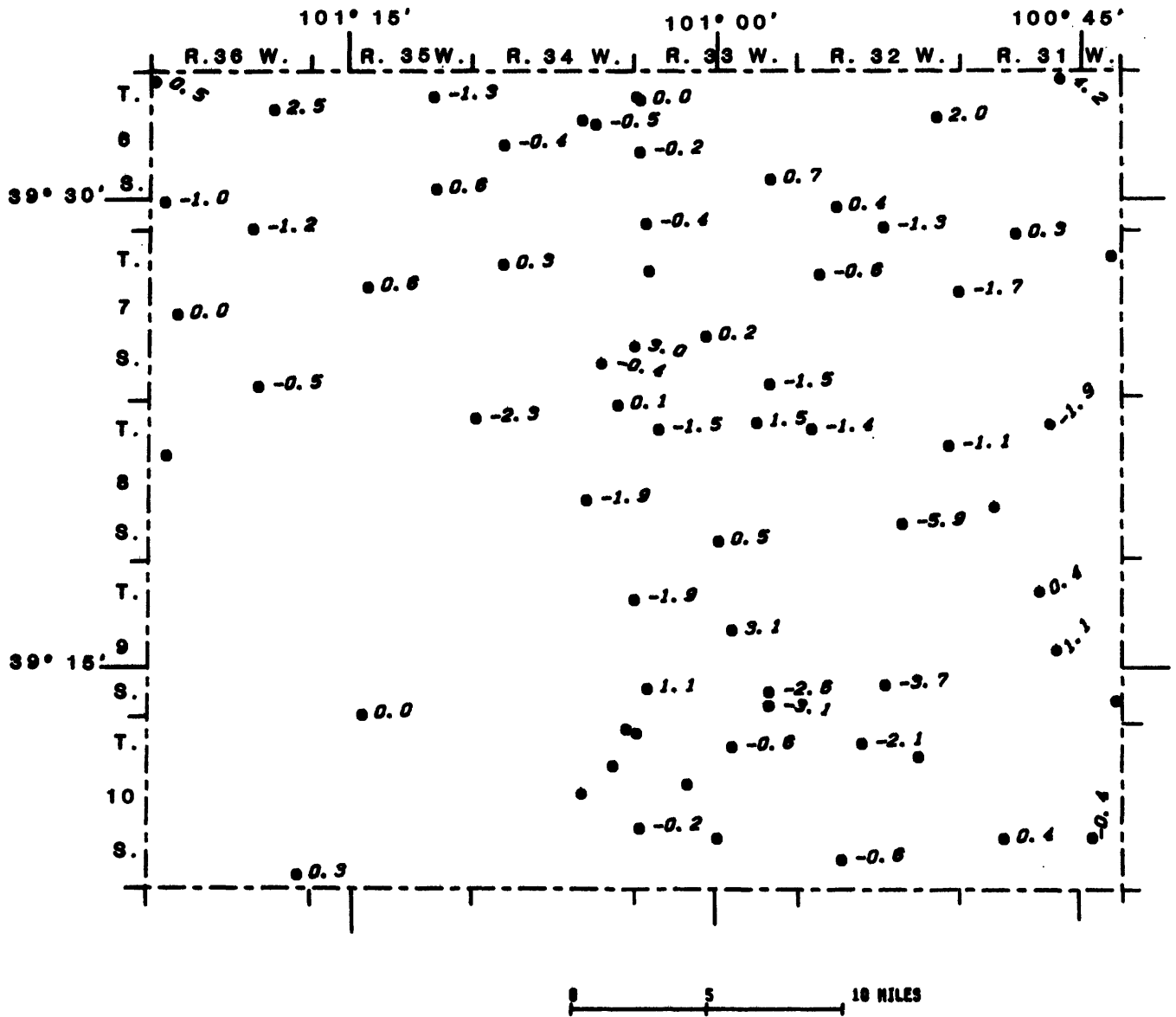
THOMAS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LFVFL 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LFVFL 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
06S 31W 03ADR 01	T0	115.9	-7	-9.9	4.2	-2.2	-1.1	83	76	-8
06S 31W 33CCD 01	0A,T0	30.6	-13	-20.6	.3	-2.4	-1.3	113	100	-12
06S 32W 12CBC 01	T0	118.0	-3	-4.0	2.0	-1.1	-1.3	95	92	-3
06S 32W 29CDC 01	T0	124.0	-11	-13.0	.4	-2.3	-2.8	91	80	-12
06S 32W 34CBC 01	T0	95.1	-18		-1.3	-2.6				
06S 33W 07ABR 01	T0	137.4			.0			97	97	
06S 33W 18CCC 01	T0	125.9			-2					
06S 33W 23DDD 01	0A	13.6	-5		.7	-2.2		72	67	-7
06S 33W 31CAR 01		15.3	-12		-2.4	-2.4		87	75	-14
06S 34W 01DDD 01	T0									
06S 34W 10DDA 01	T0	149.9	-6	-9.9		-2.2	-2.6	91	85	-7
06S 34W 11CDD 01	T0	163.7	-6	-7.7	-5	-2.2	-2.5	95	89	-6
06S 34W 17CBC 01	T0	158.2	-7	-7.2	-2.4	-2.2	-2.5	107	100	-7
06S 35W 02CDD 01	T0	131.4	-14	-4.4	-1.3	-2.4	-2.3	133	119	-11
06S 35W 26ACR 01	T0	153.8	-3	-3.8	.6	-2.1	-2.2	104	101	-3
06S 36W 06BCD 01	T0	190.4	-16	-12.4	.5	-2.5	-2.8	149	133	-11
06S 36W 11ACC 01	T0	167.8		-6.8	2.5	-2.2	-2.4	112	112	
06S 36W 30DCB 01	T0	155.5	-4	-8.5	-1.0	-2.1	-2.5	155	152	-2
06S 36W 34DDR 01	T0	102.8	-4	-8.8	-1.2	-2.1	-2.6	147	143	-3
07S 31W 01DCA 01	T0	112.4	-4	-11.4		-2.1	-2.7	138	134	-3
07S 32W 07ACA 01	T0	79.3	-11	-15.3	-8	-2.3	-1.0	78	67	-14
07S 32W 13AAA 01	T0	121.7	-20	-20.7	-1.7	-2.6	-1.3	132	112	-15
07S 33W 07RDA 01	T0	154.7	-14	-5.7		-2.4	-2.4	113	99	-12
07S 33W 21DBC 01	T0	116.5	-6	-12.5	.2	-2.2	-2.8	90	94	-5
07S 33W 35ADD 01	T0	151.8	-21	-20.8	-1.5	-2.7	-1.3	121	100	-17
07S 34W 08RBR 01	T0	98.8	-5	-3.8	.3	-2.2	-2.2	110	105	-5
07S 34W 25AAA 01	T0	111.8	-6	-5.8	3.0	-2.2	-2.2	134	128	-4
07S 34W 26DRD 01	T0	110.0	-6	-6.0	-2.4	-2.2	-2.4	126	120	-5
07S 35W 09CCC 01	T0	129.0	-5		.6	-2.2		141	136	-4
07S 36W 17CCC 01	T0	145.2	-6	-11.2	.0	-2.2	-2.7	128	122	-5
07S 36W 35CBR 01	T0	89.5	-8	-7.5	-5	-2.3	-2.5	130	132	-5
08S 31W 03CDD 01	T0	132.2	-22		-1.9	-2.7				
08S 31W 20CDD 01	T0									
08S 32W 07RAA 01	T0	120.5	-23	-21.5	-1.4	-2.7	-1.3	174	152	-13
08S 32W 12DBC 01	T0	114.8	-5	-6.8	-1.1	-2.2	-2.4	107	102	-5
08S 32W 27DAR 01	T0	121.5	-10	-11.5	-5.9	-2.3	-2.7	116	107	-8
08S 33W 02CDA 01	T0	144.3	-21		1.5	-2.7				
08S 33W 07AAR 01	T0	156.8	-13	-13.8	-1.5	-2.4	-2.9	100	87	-13
08S 33W 34RBC 01	T0	149.0	-19	-19.0	.5	-2.6	-1.2	67	48	-28
08S 34W 01RAC 01	T0	124.2	-11	-8.2	.1	-2.3	-2.5	157	146	-7

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

THOMAS COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL, 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
08S 34W 06CBC 01	T0	140.1	-10	-5.1	-2.3	-0.3	-0.3	97	87	-10
08S 34W 23CBD 01	T0	176.2	-14	-21.2	-1.9	-0.4	-1.3	73	59	-19
08S 36W 18ABA 02	T0									
09S 31W 10RBR 01	T0	87.8	-3	-4.8	.4	-0.1	-0.3	92	89	-3
09S 31W 22ABD 01	T0	83.7	-1	-6.7	1.1		-0.4	108	107	-1
09S 31W 36AAR 01	T0	141.5	-12	-10.5		-0.4	-0.7	79	68	-14
09S 32W 27RCD 01	T0	120.7	-24	-22.7	-3.7	-0.8	-1.4	110	86	-22
09S 33W 15ACC 01	T0	126.1	-26	-27.1	3.1	-0.8	-1.7	148	122	-18
09S 33W 26DAD 01	T0	153.0	-23		-2.6	-0.7		105	82	-22
09S 33W 30CAA 01	T0	200.2	-39	-24.2	1.1	-1.2	-1.5	119	80	-33
09S 33W 35AAD 01	T0	155.9	-31	-26.9	-3.1	-1.0	-1.7	125	94	-25
09S 34W 12ADA 01	T0	157.3	-23		-1.9	-0.7		135	112	-17
09S 35W 32DAA 01	T0	187.0	-5	1.0	.0	-0.2	.1	53	48	-9
10S 31W 26AAA 01	0A, T0	11.1		-6.1	-0.4		-0.4	20	20	
10S 31W 29AAR 01	T0	90.7	-9	-8.7	.4	-0.3	-0.5	108	99	-8
10S 32W 04CAR 01	T0	122.5	-17	-19.5	-2.1	-0.5	-1.2	108	92	-15
10S 32W 11RAP 01	T0	117.3	-7	-12.3		-0.2	-0.8	61	54	-11
10S 32W 29DCR 01	T0	94.5	-17	-14.5	-0.6	-0.5	-0.9	106	90	-15
10S 33W 03DBC 01	T0	149.1	-29	-22.1	-0.6	-0.9	-1.4	134	105	-22
10S 33W 06RBC 01	T0	178.9	-43			-1.3		170	136	-24
10S 33W 17AAA 01	T0									
10S 33W 19CBD 01	T0	105.0	-5	-6.0	-0.2	-0.2	-0.4	66	61	-8
10S 33W 27RBR 01	T0	102.8	-16	-10.8		-0.5	-0.7	65	49	-25
10S 34W 01ABA 01	T0	177.0	-39	-29.0		-1.2	-1.8	163	124	-24
10S 34W 12RCD 01	T0	171.3	-14	-2.3		-0.4	-0.1	140	126	-10
10S 34W 14RCC 01	T0	141.7	-4	.3		-0.1	-0.2	56	52	-7
10S 36W 36ACC 01	T0	171.5	-8	-2.5	.3	-0.3		35	28	-20



WATER-LEVEL CHANGE IN THOMAS COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

WALLACE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1950 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)	1988 (FEET)	1989 (FEET)
11S 38W 35CCC 02	TN	3372.	189	81	76.0	131.0	138.6	140.7	142.5	142.3	140.1	148.6							
11S 42W 08DDC 01	TN	3953.	98	98		105.8	107.1	108.0	108.6	108.2	107.4	107.3							
13S 39W 33RRR 01	TN	3329.																	
13S 42W 10RAC 01	TN	3770.	50					38.0	39.2	40.3	39.1	79.5							
13S 43W 36ABR 01	TN	3894.	270	149	149.0	165.3	168.5	169.9	177.8	174.0		175.8							
14S 38W 21DCC 01	TN	3538.	94	82	80.1	82.5	81.4	81.5	81.5		81.8	81.9							
14S 38W 29CCC 01	TN	3543.	151			90.6	91.6	92.1	92.4	92.9	93.2	93.6							
14S 39W 36RBR 01	TN	3576.	187	104	117.2	134.1	135.5	135.9	136.2		136.1	148.3							
14S 40W 23ADD 01	TN	3645.	220	118	124.5	156.2	149.3												
14S 40W 29ARA 01	TN	3702.	230	137		156.9	156.7			165.6	167.3								
14S 40W 35ABA 01	TN	3630.	230	100				131.1	132.6	134.4									
14S 41W 18DCH 01	TN	3778.	387	106			134.3	139.5	142.4	141.6	144.0	140.5							
14S 41W 22RBR 01	TN	3729.	218	84	86.1	108.1	110.2	111.6	115.4	118.6	120.6	121.6							
14S 41W 28DCA 01	TN	3760.	414	112		142.7	147.4	132.0	139.6		151.6	153.1							
14S 41W 30DDC 01	TN	3798.	268	131			171.8	168.8	172.7	175.0	176.5	179.4							
14S 42W 02AAR 01	TN	3838.	400	143	150.9	163.1	168.1	170.5	174.9	177.2	179.1	180.8							
14S 42W 10RAA 01	TN	3838.	403	133			164.0	166.5	171.5	173.4	176.1								
14S 42W 14RBD 01	TN	3796.	400	101	117.4	134.2	132.1	137.4	141.2	141.6									
14S 42W 22RDD 01	TN	3831.	432	133		158.0	161.2	164.0	169.8	169.9	176.6	175.7							
14S 42W 30RCA 01	TN	3880.	386	155	159.6	175.9	185.2	185.8		186.2	186.8								
15S 38W 05CCR 01	TN	3531.	144	76			100.8	101.3	101.0	101.6	101.3	102.5							
15S 38W 07RBR 01	TN	3551.	178	90	105.9	133.7	128.3	130.1	130.1	132.7	130.9	131.5							
15S 38W 14CCD 01	TN	3486.	150	70	81.1	101.4	99.2	100.2	100.1	101.5	102.8	103.9							
15S 38W 18CCC 01	TN	3549.	176	90			138.2	140.6	142.3	142.9	142.6	149.5							
15S 38W 21RBC 01	TN	3513.	180	95	102.5	135.5	176.8	178.8	136.5	137.2	136.9	141.5							
15S 38W 28DHR 01	TN	3502.	202	82	106.3	134.3	138.9	140.6	141.6	145.3		145.4							
15S 38W 30CCR 01	TN	3539.	232	85	108.7	134.8	138.6	142.0	144.3	147.9		149.7							
15S 38W 36RBR 01	TN	3461.	153	76	80.8	108.2	109.9	111.3	112.2	112.4	115.7	121.3							
15S 39W 02RCD 01	TN	3585.	195	109	125.0	150.1	152.7	152.1	152.6	152.6	151.2								
15S 39W 06CBA 01	TN	3625.	223	106	118.8	149.0	146.8	149.2	148.3	148.0	147.6	146.1							
15S 39W 08ACC 01	TN	3623.	222	113	129.9	152.9	157.2	158.9	159.0	158.3	156.2	158.6							
15S 39W 15DRA 01	TN	3591.	205	110		157.4	153.6	155.0	155.6	157.6	158.6	158.5							
15S 39W 26ACC 01	TN	3561.	230	90	111.5	134.1	136.8	139.0	142.2	144.4	145.0	150.7							
15S 39W 28RBD 01	TN	3565.	200	65	76.2	99.9	101.9	104.8	107.4	109.5	108.9								
15S 40W 03RAR 01	TN	3636.	254	86	85.0	111.5	108.8	111.5	115.9	119.1	119.7	121.7							
15S 40W 07RRR 01	TN	3706.	260	117	116.7	135.9	141.3	143.1	146.6	149.1	151.4	153.6							
15S 40W 09DCA 01	TN	3653.	261	85	90.8	113.5	116.6	118.4	122.8	125.1	126.4	128.6							
15S 40W 13RAA 01	TN	3642.	247	104	111.9	138.8	138.8	138.5	141.9	146.0	143.6	144.4							
15S 40W 14CCR 01	TN	3635.	258	81			111.9	112.8	115.8	118.4	119.4	120.6							
15S 40W 20RRD 01	TN	3674.	271	94			122.3	122.5	126.0	128.3	129.8	132.2							

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

WALLACE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)
15S 40W 26CAR 01	TN	3646.	245	100	102.0	120.1	122.8	124.1	127.1	127.9	128.9	142.0
15S 40W 30NBR 01	TN	3694.	265	109	114.6	136.0		140.8		146.0	146.7	
15S 41W 05ACR 01	TN	3794.	235	136	147.2	168.9	173.9	170.1	179.0	186.8		185.9
15S 41W 10RAR 01	TN	3787.	264	157	163.7	184.6	188.9	190.2	193.6	194.8	199.1	200.0
15S 41W 27CRC 01	TN	3750.	230	145		175.5	176.8	179.4	180.9	180.6	184.1	186.7
15S 41W 29CAC 01	TN	3785.	230	160			202.7	202.9	205.8	205.9		209.6
15S 41W 36NDR 02	TN	3695.	265	104	113.1	130.5	134.4	135.6		139.6		142.2
15S 42W 02ARR 01	TN	3854.	225	159	166.9	185.6	193.5	193.8		191.2	200.6	198.5
15S 42W 09RDD 01	TN	3892.		182	186.6	197.7	200.4	201.6		270.9	221.3	221.8
15S 42W 32RDA 01	TN	3901.	271	216	213.9	246.9	243.2	245.4	247.4		245.2	243.8
15S 42W 36CDC 01	TN	3844.	270	194	214.1	237.0	239.3	238.7	240.0	241.0	241.2	241.9

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

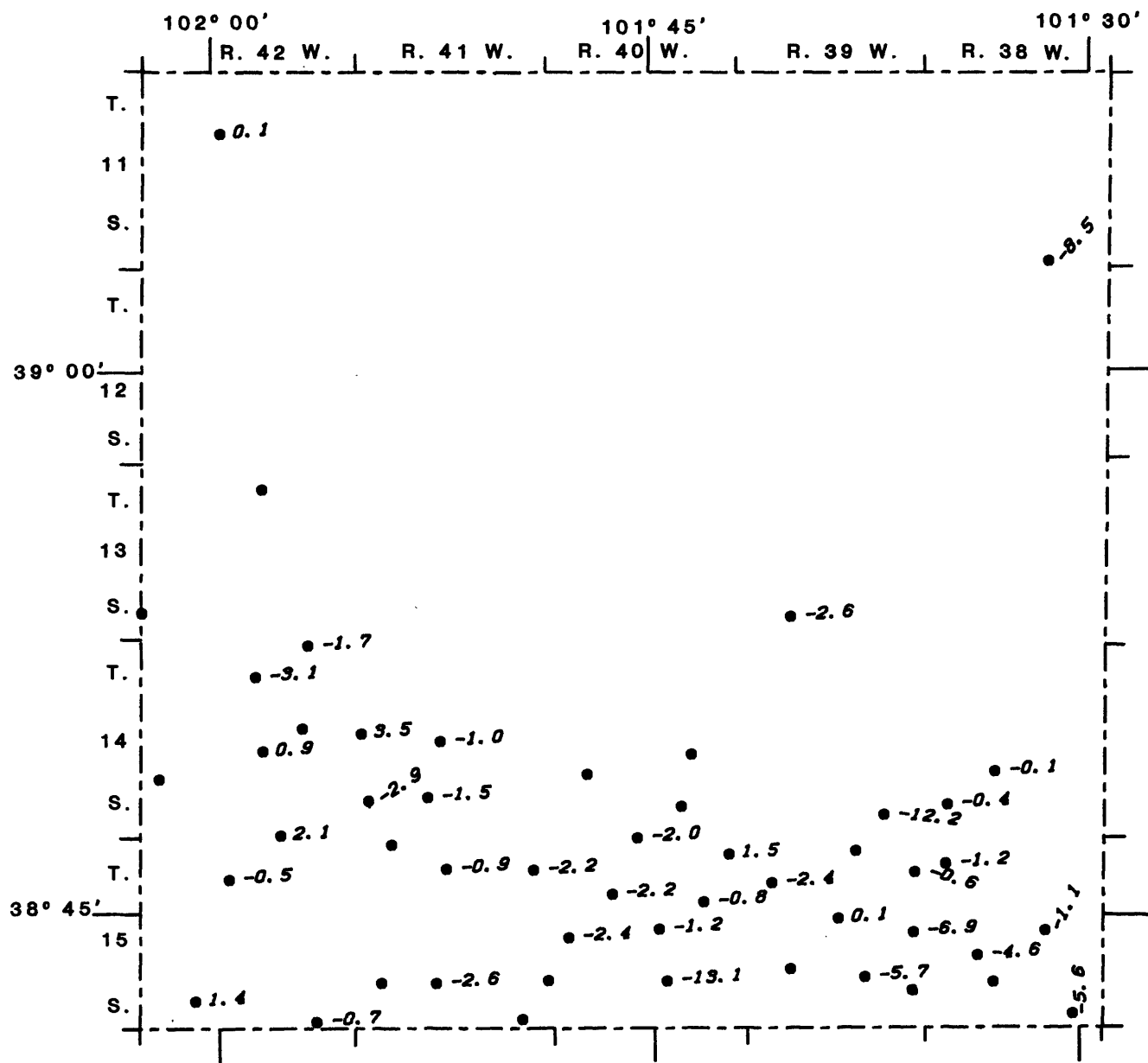
WALLACE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
11S 38W 35CCC 02	TN	148.6	-68	-72.6	-8.5	-2.1	-4.5	108	40	-63
11S 42W 08DDC 01	TN	107.3	-9		.1	-.3			9	
13S 39W 33RBR 01	TN	29.5			-2.6					
13S 42W 10RAC 01	TN									
13S 43W 36ARR 01	TN	175.8	-27	-26.7		-.8	-1.7	121	94	-22
14S 38W 21DCC 01	TN	81.9		-1.8	-.1		-.1	12	12	
14S 38W 29CCC 01	TN	93.6			-.4				57	
14S 39W 36RCB 01	TN	148.3	-44	-31.1	-12.2	-1.4	-1.9	83	39	-53
14S 40W 23ADD 01	TN									
14S 40W 29ABA 01	TN									
14S 40W 35ABA 01	TN									
14S 41W 18DCR 01	TN	140.5	-35		3.5	-1.1		281	247	-12
14S 41W 22RBR 01	TN	121.6	-38	-35.5	-1.0	-1.2	-2.2	134	96	-28
14S 41W 28DCA 01	TN	153.1	-41		-1.5	-1.3		302	261	-14
14S 41W 30DDC 01	TN	179.4	-48		-2.9	-1.5		137	89	-35
14S 42W 02AAR 01	TN	180.8	-38	-29.9	-1.7	-1.2	-1.9	257	219	-15
14S 42W 10RAA 01	TN	179.2	-46		-3.1	-1.4	-2.2	270	224	-17
14S 42W 14D8D 01	TN	153.2	-52	-35.8		-1.6		299	247	-17
14S 42W 22RDD 01	TN	175.7	-43		.9	-1.3		299	256	-14
14S 42W 30RCA 01	TN									
15S 38W 05CCR 01	TN	102.5	-27		-1.2	-.8		68	42	-38
15S 38W 07RBR 01	TN	131.5	-42	-25.6	-.6	-1.3	-1.6	88	47	-47
15S 38W 14CCD 01	TN	103.9	-34	-22.8	-1.1	-1.1	-1.4	80	46	-43
15S 38W 18CCC 01	TN	149.5	-60		-6.9	-1.9		86	27	-69
15S 38W 21CHC 01	TN	141.5	-57	-39.0	-4.6	-1.8	-2.4	95	39	-59
15S 38W 28DBR 01	TN	145.4	-63	-39.1		-2.0	-2.4	120	57	-53
15S 38W 30CCR 01	TN	149.7	-65	-41.0		-2.0	-2.6	147	82	-44
15S 38W 36CRR 01	TN	121.3	-45	-40.4	-5.6	-1.4	-2.5	77	32	-58
15S 39W 02RCD 01	TN									
15S 39W 06CBA 01	TN	146.1	-40	-27.3	1.5	-1.3	-1.7	117	77	-34
15S 39W 08ACC 01	TN	158.6	-46	-28.7	-2.4	-1.4	-1.8	109	63	-42
15S 39W 15DBA 01	TN	158.5	-49		.1	-1.5		95	47	-51
15S 39W 26ACC 01	TN	150.7	-61	-39.1	-5.7	-1.9	-2.4	149	88	-41
15S 39W 28RBD 01	TN									
15S 40W 03RAR 01	TN	121.7	-36	-36.6	-2.0	-1.1	-2.3	168	132	-21
15S 40W 07RBR 01	TN	153.6	-37	-36.9	-2.2	-1.2	-2.3	143	106	-26
15S 40W 09DCH 01	TN	178.6	-44	-37.8	-2.2	-1.4	-2.4	176	132	-25
15S 40W 13RAA 01	TN	144.4	-40	-32.5	-.8	-1.3	-2.0	138	98	-29
15S 40W 14CCR 01	TN	170.6	-40		-1.2	-1.3		177	137	-23
15S 40W 20RBD 01	TN	132.2	-38		-2.4	-1.2		177	139	-21

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

WALLACE COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
15S 40W 26CAR 01	T0	142.0	-42	-40.0	-13.1	-1.3	-2.5	145	103	-29
15S 40W 30DBR 01	T0									
15S 41W 05ACR 01	T0	185.9	-50	-38.7		-1.6	-2.4	99	49	-51
15S 41W 10RAR 01	T0	200.0	-43	-36.2	-9	-1.3	-2.3	107	64	-40
15S 41W 27CBC 01	T0	186.7	-42		-2.6	-1.3		85	43	-49
15S 41W 29CAC 01	T0	209.6	-50			-1.6		70	20	-71
15S 41W 36DDB 02	T0	142.2	-38	-29.0		-1.2	-1.8	161	123	-24
15S 42W 02RBR 01	T0	198.5	-40	-31.6	2.1	-1.3	-2.0	66	27	-59
15S 42W 09RDD 01	T0	221.8	-40	-35.2	-5	-1.3	-2.2	55	27	-51
15S 42W 32RDA 01	T0	243.8	-28	-9.9	1.4	-9	-6			
15S 42W 36CDC 01	T0	241.9	-48	-27.7	-7	-1.5	-1.7	76	28	-63



WATER-LEVEL CHANGE IN WALLACE COUNTY, 1981-82

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

WICHITA COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1950 (FEET)	1966 (FEET)	1976 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	1984 (FEET)	1985 (FEET)	1986 (FEET)	1987 (FEET)
16S 35W 01DCD 01	TN	3131.	109	78	79.6	85.2	86.4	86.5		90.0	88.8	87.7					
16S 35W 06AAR 01	TN	3208.	118	71	81.5		81.6	80.6	83.4	81.0		82.8					
16S 35W 13CCC 01	TN	3180.	170	118	126.6	144.6	148.9	150.1	152.1	153.8	156.8	159.3					
16S 35W 20CCC 01	TN	3231.	189	103	124.6	149.2	154.2	153.2	154.2	154.2		162.0					
16S 35W 27RBC 01	TN	3202.	166	107	122.0	146.2	153.4		153.0	158.1	163.1	168.6					
16S 35W 32RBC 01	TN	3224.		98						144.4	146.8	150.0					
16S 36W 03DCC 01	TN	3267.	138	87		116.7	120.3	121.9		124.9	126.5	128.4					
16S 36W 07RCR 01	TN	3319.	140	80	91.8	103.5	107.1	106.4	108.8	112.6	111.3	112.6					
16S 36W 14CCD 01	TN	3263.	204	88	114.7	129.6	136.9	135.7	138.0	138.9	138.0	138.9					
16S 36W 17ABC 01	TN	3297.	157	83	98.5	124.5	177.7	179.1	130.8	132.2	133.9	137.5					
16S 36W 21CCC 01	TN	3295.	205	84	99.9	135.4	138.9	145.1	144.2	145.3	150.0	152.4					
16S 36W 25RBR 01	TN	3257.	202	95	120.5	139.5	145.1	142.8		145.2	149.8	151.7					
16S 36W 30CBC 01	TN	3319.	218	87	109.3	138.5	142.4	144.6	146.2	147.4							
16S 36W 34CCC 01	TN	3275.	187	90	102.3	121.2	125.2	128.5	130.4	132.8		135.9					
16S 36W 35CCC 01	TN	3265.	201	95	106.2	124.9	128.8	130.7	132.5	135.2	135.4	137.8					
16S 36W 36CBC 01	TN	3246.	200	91	105.4	122.9	124.8	126.6		129.7	130.8	133.8					
16S 37W 04DCC 01	TN	3380.	149	80			117.4	118.4	123.0	123.4	124.1	122.9					
16S 37W 13RBC 01	TN	3331.	151	78	92.7	117.7	121.0	122.5	124.1	125.1	125.9	177.2					
16S 37W 15CCC 01	TN	3369.	204	83	106.7	134.0	139.8	141.0	143.9	145.3	145.9	148.1					
16S 37W 17RBR 01	TN	3399.	194	86	101.0		133.9	137.9	137.3	139.3	141.4	142.4					
16S 37W 27ABC 01	TN	3360.	210	88	111.9	139.1	142.8	146.0	148.1	149.2	149.6	150.3					
16S 37W 29RBR 01	TN	3394.	219	86	103.8	137.8	143.6	145.2	147.1	147.4	149.7	150.6					
16S 37W 30ACR 01	TN	3400.	200	88	112.2	139.8	144.7	146.4	148.2	147.4	149.6	152.1					
16S 38W 05RBR 01	TN	3497.	227	87	104.0	136.6	140.8	142.3	143.3	145.4	146.0	151.5					
16S 38W 10RBR 01	TN	3458.	208	83	96.3	130.6	133.7	134.4	136.8	139.2		144.4					
16S 38W 16ACC 01	TN	3452.	214	73	89.2	123.3	125.5	127.7	130.2		133.6	137.9					
16S 38W 19RBR 01	TN	3482.	180	80			115.2	119.0	118.8	120.2		125.5					
16S 38W 26RBR 01	TN	3424.	197	75	112.0	126.4	140.8	131.6	131.9	134.1	139.3	145.9					
16S 38W 29ADR 01	TN	3458.	180	80	92.2	119.8	123.1	124.5	126.1	126.9	128.4	133.1					
17S 35W 02RBR 01	TN	3189.	189	109			144.6	145.1	146.3	147.3		149.3					
17S 35W 15DCC 01	TN	3194.	204	98	110.0	130.5		128.1	128.7	131.8	131.7	136.4					
17S 35W 18ACR 01	TN	3226.	195	97	110.8	128.8	134.4	134.3		136.8		145.8					
17S 35W 27CCC 01	TN	3195.	210	91	109.6	140.0	141.0	144.2	145.3	145.1		149.5					
17S 35W 30CCR 01	TN	3235.	218	94	126.6	150.7	154.4	156.2	156.1	157.7	162.6	169.4					
17S 36W 05CCC 01	TN	3299.	187	95	112.1	134.6	141.4			140.6	142.3	146.5					
17S 36W 10CCR 01	QA, TU	3202.	97	79		47.3	48.5	49.5	52.1	53.4	53.6	55.6					
17S 36W 20DDR 01	TN	3241.	144	48	56.8	76.4	80.3	81.3		84.4	86.3	88.2					
17S 36W 23RCC 01	TN	3258.	228	100	125.3	147.2	153.1	152.5	154.1	153.6	155.6	160.1					
17S 36W 33RBR 01	TN	3286.	208	98	113.3	133.3	137.5	138.2	139.4	142.1	141.5	142.8					
17S 36W 36RBR 01	TN	3246.	216	94	125.1	147.1	152.8	153.7	154.6	156.5							

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

WICHITA COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	WATER 1966	DEPTH TO WATER (FEET)	WATER 1976	DEPTH TO WATER (FEET)	WATER 1977	DEPTH TO WATER (FEET)	WATER 1978	DEPTH TO WATER (FEET)	WATER 1979	DEPTH TO WATER (FEET)	WATER 1980	DEPTH TO WATER (FEET)	WATER 1981	DEPTH TO WATER (FEET)	WATER 1982
17S 37W 03AAR 01	TO	3349.	184	89	104.0	126.6	126.6	131.0	130.2	131.7	132.8	135.5	135.5	135.5	135.5	135.5	135.5	135.5	135.5
17S 37W 08AAR 01	TO	3374.	196	84	101.2	118.1	118.1	121.1	123.8	124.5	129.8	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
17S 37W 13CDD 01	TO	3300.	175	70		93.6	93.6	97.5	95.2	95.9	104.3	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0
17S 37W 22CCC 01	TO	3351.	195	92	104.3	126.6	126.6	125.3	128.8	130.1	131.4	135.1	135.1	135.1	135.1	135.1	135.1	135.1	135.1
17S 37W 28CCC 01	TO	3360.	190	95	98.4	122.7	122.7	126.1	127.0	132.3	131.4	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1
17S 38W 01RAA 01	TO	3399.	185	95	108.4	120.3	120.3	122.1	122.5	122.2	125.8	125.6	125.6	125.6	125.6	125.6	125.6	125.6	125.6
17S 38W 06RDD 01	TO	3474.	145	86	97.3			100.8		105.3	105.2	104.8	104.8	104.8	104.8	104.8	104.8	104.8	104.8
17S 38W 10AAR 01	TO	3415.	210	93		110.5	110.5	113.2	111.9										
17S 38W 12DCR 01	TO	3330.	124	21	26.0	43.9	43.9	45.5		49.8	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
17S 38W 21RBR 01	TO	3446.	165	100	100.3	115.8	115.8	119.3	121.2	119.9	119.9	176.5	176.5	176.5	176.5	176.5	176.5	176.5	176.5
17S 38W 24ACC 01	TO	3394.	210	86	104.5	122.6	122.6			123.5	124.3	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
17S 38W 27ACD 01	TO	3420.	174	95		123.5	123.5	130.9	132.3	131.0	133.1	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
17S 38W 28CCC 01	TO	3446.	190	105	113.6	132.6	132.6	136.7	138.7	142.8	139.5	143.8	143.8	143.8	143.8	143.8	143.8	143.8	143.8
18S 35W 02ACC 01	TO	3179.	170	98	104.0				129.3	126.3	127.5	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
18S 35W 08RBC 02	TO	3217.	186	92		127.6	127.6			131.3		140.0	140.0	140.0	140.0	140.0	140.0	140.0	140.0
18S 35W 14DCD 01	TO	3171.	137	80	91.1	107.3	107.3	114.8	113.2	111.1	113.1	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
18S 35W 17DAA 01	TO	3208.	164	96		127.7	127.7			140.0		129.1	129.1	129.1	129.1	129.1	129.1	129.1	129.1
18S 35W 34ARR 01	TO	3192.	143	85	97.9			120.1	121.1	113.7	114.8								
18S 36W 02DCR 01	TO	3251.	198	90	103.9	122.0	122.0	123.1	124.7	125.9	126.7	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
18S 36W 09RBR 01	TO	3280.	195	91	101.0	123.8	123.8	126.8	128.7	130.1	130.2	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7
18S 36W 15DAD 01	TO	3235.	165	60		79.3	79.3	83.3	82.2	83.6	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
18S 36W 18DDC 01	TO	3295.	174	92	90.0	120.1	120.1	123.2	124.4	125.8	127.1	128.3	128.3	128.3	128.3	128.3	128.3	128.3	128.3
18S 36W 29ARR 01	TO	3285.	171	95	92.3					120.7	119.1	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5
18S 36W 36CCC 01	TO	3219.	120	70	69.6	75.5	75.5	75.8	76.5	78.3	78.2								
18S 37W 01RBR 01	TO	3315.	174	80	108.4	129.0	129.0	132.9	136.4	132.6	136.4	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
18S 37W 03CCC 01	TO	3352.	201	90		136.1	136.1	140.9	140.9	143.2	144.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0	147.0
18S 37W 05CRR 01	TO	3377.	196	89		138.2	138.2	146.9	146.3	145.5	147.6	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
18S 37W 14RBR 01	TO	3321.	190	73				134.6	126.9	129.1	131.2	134.9	134.9	134.9	134.9	134.9	134.9	134.9	134.9
18S 37W 19AAD 01	TO	3370.	167	86	108.5	136.6	136.6	140.2	140.2	141.4	140.3	142.5	142.5	142.5	142.5	142.5	142.5	142.5	142.5
18S 37W 21RBR 01	TO	3360.	175	95	113.6	146.6	146.6	154.3	152.5	152.8	152.8	155.4	155.4	155.4	155.4	155.4	155.4	155.4	155.4
18S 37W 34RBR 01	TO	3320.	130	62	70.7	89.3	89.3	91.2	92.9	94.5	97.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
18S 37W 36ARR 01	TO	3301.	155	76	99.3	100.9	100.9	103.1	104.4	104.5	105.4	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
18S 38W 02RCC 01	TO	3414.	199	95	115.7	139.3	139.3	143.4	146.2	148.3	148.1	153.8	153.8	153.8	153.8	153.8	153.8	153.8	153.8
18S 38W 08RBD 01	TO	3432.	182	92		114.8	114.8	119.5	122.3	124.1	124.8	131.7	131.7	131.7	131.7	131.7	131.7	131.7	131.7
18S 38W 12RCC 01	TO	3401.	202	91	117.4	145.1	145.1	150.4	153.5	152.0	155.0	157.4	157.4	157.4	157.4	157.4	157.4	157.4	157.4
18S 38W 20ACC 02	TO	3440.	169	90	108.7	129.1	129.1	131.3	131.4	136.8		131.3	131.3	131.3	131.3	131.3	131.3	131.3	131.3
18S 38W 23ARR 01	UA, TO	3340.	109	23		51.4	51.4	53.1			29.7	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
18S 38W 31RRC 01	TO	3450.	148	109	108.7	116.2	116.2	122.6		125.7	123.9	170.7	170.7	170.7	170.7	170.7	170.7	170.7	170.7
18S 38W 36RDD 01	TO	3374.	129	78	92.4	81.5	81.5	82.2	83.5	82.4	80.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
19S 35W 01AAA 01	TO	3165.	134	93	100.2	113.5	113.5	120.0	114.1	114.2		114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

WICHITA COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	LAND SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1950	1966	1976	1977	1978	1979	1980	1981	1982	1982	1981	1982
				(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
19S 35W 08BBR 01	T0	3217.	135	85				92.2	92.5	95.7	96.3	97.1			
19S 35W 29RCR 01	T0	3139.		32		35.2	36.2	37.2		39.5	36.3				
19S 36W 15RAA 01	T0	3236.	112	71		77.1		77.9	77.5	78.5	78.4	77.9			
19S 37W 22AAR 01	T0	3330.	138	98			112.4	107.3	106.3	105.6	107.0	102.8			
19S 38W 14AAR 01	T0	3403.	160	95			101.4	97.0	97.6	109.6					
19S 38W 18DCC 01	T0	3456.	180	120		122.7	132.7	131.9	131.7		124.0	124.1			
19S 38W 26CCR 01	T0	3408.	173	96		104.9		105.1	106.1	107.1	107.4	103.2			
19S 38W 31CBC 01	T0	3463.	205	140		138.6	139.3	138.6	138.9	139.6	141.7	138.8			
20S 36W 14DAD 01	T0	3225.	108	94	94.2	99.0	100.9	98.4	96.5	97.3	97.4	96.8			
20S 37W 29DCC 01	T0	3359.	139	98		114.1	117.3	116.1	115.6	116.9	110.4	112.9			
20S 38W 17CBD 01	T0	3442.	232	135		140.5	147.3	143.3	142.4	144.5		142.0			
20S 38W 33RBA 01	T0	3424.	205	126	134.0	139.3	155.8	140.3	140.8	139.3	141.2	141.3			
20S 38W 33RBA 01	T0	3424.	205			139.3	155.8	140.3	140.8	139.3	141.2	141.3			

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

WICHITA COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
16S 35W 01DCD 01	TN	87.7	-10	-8.1	1.1	-0.3	-0.5	31	21	-32
16S 35W 06AAR 01	TN	82.8	-12	-1.3		-0.4	-0.1	47	35	-26
16S 35W 13CCC 01	TN	159.3	-41	-32.7	-2.5	-1.3	-2.0	52	11	-79
16S 35W 20CCC 01	TN	162.0	-59	-37.3		-1.8	-2.3	86	27	-69
16S 35W 27ABC 01	TN	168.6	-62	-46.6	-5.5	-1.9	-2.9	59	3	-105
16S 35W 32ABC 01	TN	150.0	-52		-3.2	-1.6				
16S 36W 03DCC 01	TN	128.4	-41		-1.9	-1.3		51	10	-80
16S 36W 07ACB 01	TN	112.6	-33	-20.8	-1.3	-1.0	-1.3	60	27	-55
16S 36W 14CCD 01	TN	138.9	-51	-24.2	-9	-1.6	-1.5	116	65	-44
16S 36W 17ABC 01	TN	137.5	-55	-39.0	-3.6	-1.7	-2.4	74	20	-73
16S 36W 21CCC 01	TN	152.4	-68	-57.5	-2.4	-2.1	-3.3	121	53	-56
16S 36W 25RBR 01	TN	151.7	-57	-31.1	-1.9	-1.8	-1.9	107	50	-53
16S 36W 30CBC 01	TN		-46	-33.6		-1.4	-2.1	97	51	-47
16S 36W 34CCC 01	TN	135.9	-43	-31.6	-2.4	-1.3	-2.0	106	63	-41
16S 36W 35CCC 01	TN	137.8								
16S 36W 36CBC 01	TN	133.8	-43	-28.4	-3.0	-1.3	-1.8	109	66	-39
16S 37W 04DCC 01	TN	122.9	-43		1.2	-1.3		69	26	-62
16S 37W 13RBC 01	TN	127.2	-49	-34.5	-1.3	-1.5	-2.2	73	24	-67
16S 37W 15CCC 01	TN	148.1	-65	-41.4	-2.2	-2.0	-2.6	121	56	-54
16S 37W 17RBR 01	TN	142.4	-56	-41.4	-1.0	-1.8	-2.6	108	52	-52
16S 37W 27ABC 01	TN	150.3	-62	-38.4	-7	-1.9	-2.4	122	60	-51
16S 37W 29RBR 01	TN	150.6	-65	-46.8	-9	-2.0	-2.9	133	68	-49
16S 37W 30ACR 01	TN	152.1	-64	-39.9	-2.5	-2.0	-2.5	112	48	-57
16S 38W 05RBR 01	TN	151.5	-65	-47.5	-5.5	-2.0	-3.0	135	71	-47
16S 38W 10ABR 01	TN	144.4	-61	-48.0		-1.9	-3.0	125	64	-49
16S 38W 16ACC 01	TN	137.9	-65	-48.7	-4.3	-2.0	-3.0	141	76	-46
16S 38W 19RBR 01	TN	125.5	-46			-1.4		100	55	-45
16S 38W 26RBR 01	TN	145.9	-71	-33.9	-6.6	-2.2	-2.1	122	51	-58
16S 38W 29ADR 01	TN	133.1	-53	-40.8	-4.7	-1.7	-2.6	100	47	-53
17S 35W 02RBR 01	TN	149.3	-40			-1.3		80	40	-50
17S 35W 15CDC 01	TN	136.4	-38	-26.4	-4.7	-1.2	-1.7	106	68	-36
17S 35W 18ACR 01	TN	145.8	-49	-35.0		-1.5	-2.2	98	49	-50
17S 35W 27CCC 01	TN	149.5	-59	-39.0		-1.8	-2.5	119	61	-49
17S 35W 30CRB 01	TN	169.4	-75	-42.8	-6.8	-2.3	-2.7	124	49	-60
17S 36W 05CCD 01	TN	146.5	-52	-34.4	-4.2	-1.6	-2.2	92	41	-55
17S 36W 10CRB 01	QA,TU	55.6	-27		-2.0	-0.8		68	41	-40
17S 36W 20DDR 01	TN	88.2	-40	-31.4	-1.9	-1.3	-2.0	96	56	-42
17S 36W 23RCC 01	TN	160.1	-60	-34.8	-4.5	-1.9	-2.2	128	68	-47
17S 36W 33RCP 01	TN	142.8	-45	-20.5	-1.3	-1.4	-1.8	110	65	-41
17S 36W 36RBR 01	TN									

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

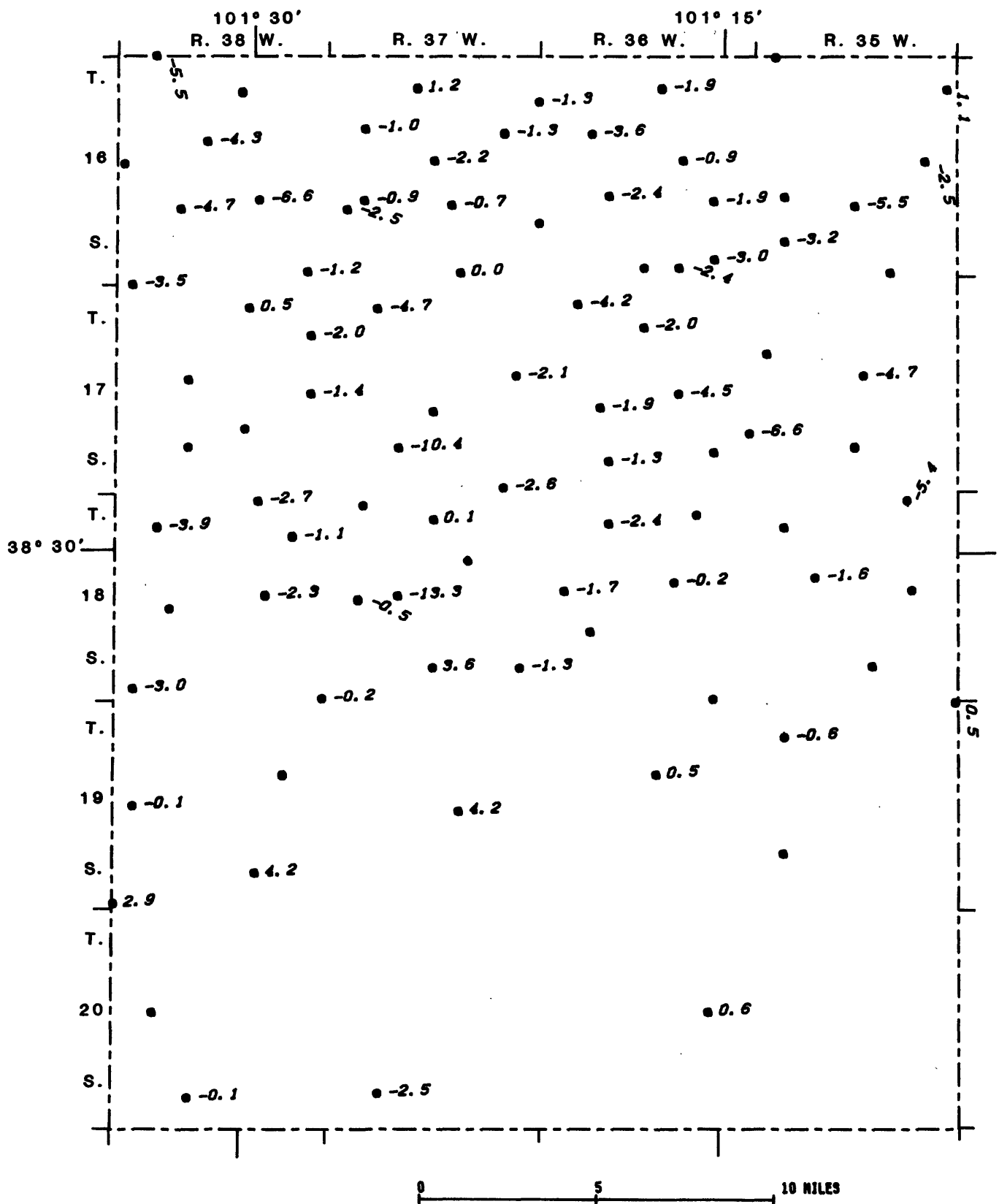
WICHITA COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL CHANGE 1950-82 (FEET)	WATER LEVEL CHANGE 1966-82 (FEET)	WATER LEVEL CHANGE 1981-82 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
17S 37W 03AAR 01	TN	135.5	-47	-31.5	.0	-1.5	-2.0	95	49	-48
17S 37W 08RAA 01	TN	134.9	-51	-33.7	-4.7	-1.6	-2.1	112	61	-46
17S 37W 13CDD 01	TN	103.1	-33		-2.1	-1.0		105	72	-31
17S 37W 22CCC 01	TN	135.1	-43	-30.7		-1.3	-1.9	103	60	-42
17S 37W 28CCC 01	TN	141.5	-57	-43.1	-10.4	-1.8	-2.7	105	49	-53
17S 38W 01RAA 01	TN	126.8	-42	-18.4	-1.2	-1.3	-1.2	100	58	-42
17S 38W 06RDD 01	TN	108.3	-22	-21.0	-3.5	.7	-1.3	59	37	-37
17S 38W 10AAR 01	TN	119.7	-37		.5	-1.2		127	90	-29
17S 38W 12DCR 01	TN	53.2	-32	-27.1	-2.0	-1.0	-1.7	103	71	-31
17S 38W 21RBR 01	TN	126.5	-27	-26.1		.8	-1.6	65	39	-40
17S 38W 24ACC 01	TN	125.4	-39	-20.9	-1.4	-1.2	-1.3	124	85	-31
17S 38W 27ACD 01	TN	140.6	-46			-1.4		79	33	-58
17S 38W 28CCC 01	TN	143.8	-39	-30.2		-1.7	-1.9	85	46	-46
18S 35W 02ACC 01	TN	136.4	-48	-32.4	-5.4	-1.5	-2.0	82	34	-59
18S 35W 08RBC 02	TN	140.0	-58			-1.8		104	46	-56
18S 35W 14DCD 01	TN	114.0	-34	-22.9	-1.6	-1.1	-1.4	57	23	-60
18S 35W 17DAA 01	TN	130.7	-45			-1.4		78	33	-58
18S 35W 34ARR 01	TN									
18S 36W 02DCR 01	TN	130.0	-40	-26.0	-2.4	-1.3	-1.6	108	68	-37
18S 36W 09RBR 01	TN	136.1	-55	-35.1		-1.7	-2.2	114	59	-48
18S 36W 15DAD 01	TN	87.5	-28		-2	.9		105	78	-26
18S 36W 18DDC 01	TN	130.0	-48	-40.0	-1.7	-1.5	-2.5	92	44	-52
18S 36W 29ARR 01	TN	122.5	-38	-30.2		-1.2	-1.9	86	49	-43
18S 36W 36CCC 01	TN									
18S 37W 01RBR 01	TN	138.8	-59	-30.4	-2.8	-1.8	-1.9	94	35	-63
18S 37W 03CCC 01	TN	147.0	-57		.1	-1.8		111	54	-51
18S 37W 05CBB 01	TN	152.0	-63			-2.0		107	44	-59
18S 37W 14RBR 01	TN	134.9	-62			-1.9		117	55	-53
18S 37W 19AAD 01	TN	143.0	-57	-34.5	-5	-1.8	-2.2	81	24	-70
18S 37W 21RBR 01	TN	168.7	-84	-55.1	-13.3	-2.6	-3.4	90	6	-93
18S 37W 34RBR 01	TN	97.1	-35	-26.4	3.6	-1.1	-1.7	68	33	-51
18S 37W 36ARR 01	TN	107.3	-31	-18.0	-1.3	-1.0	-1.1	79	48	-39
18S 38W 02RCC 01	TN	155.8	-61	-40.1	-2.7	-1.9	-2.5	104	43	-59
18S 38W 08RBD 01	TN	131.7	-50	-3.9	-3.9	-1.6		100	50	-50
18S 38W 12RCC 01	TN	158.5	-68	-41.1	-1.1	-2.1	-2.6	111	44	-60
18S 38W 20ACC 02	TN	131.3	-41	-22.6		-1.3	-1.4	79	38	-52
18S 38W 23ARR 01	QA, TN	45.8	-23		-2.3	.7		85	62	-27
18S 38W 31RBC 01	TN	123.7	-15	-15.0	-3.0	.5	-.9	39	24	-38
18S 38W 36DDD 01	TN	83.0	-5	-5	-2	-2.2		51	46	-10
19S 35W 01AAA 01	TN	114.0	-31	-13.8	.5	-1.0	-.9	51	20	-61

TABLE 1.-- SELECTED HYDROLOGIC DATA--CONTINUED

WICHITA COUNTY--CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1982 (FEET)	WATER LEVEL, 1950-82 CHANGE (FEET)	WATER LEVEL, 1966-82 CHANGE (FEET)	WATER LEVEL, 1981-82 CHANGE (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-82 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-82 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1982 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-82
19S 35W 08RB 01	T0	97.1	-12		-0.8	-0.4		50	38	-24
19S 35W 29RC 01	T0									
19S 36W 15RA 01	T0	77.9	-7		.5	-0.2		41	34	-17
19S 37W 22AA 01	T0	102.8	-5		4.2	-0.2		40	35	-13
19S 38W 14AA 01	T0									
19S 38W 18DC 01	T0	124.1	-4		-0.1	-0.1		60	56	-7
19S 38W 26CC 01	T0	103.2	-7		4.2	-0.2		77	70	-9
19S 38W 31CB 01	T0	138.8	1		2.9			65	66	2
20S 36W 14DA 01	T0	96.8	-3	-2.6	.6	-0.1	-0.2	14	11	-21
20S 37W 29DC 01	T0	112.9	-15		-2.5	-0.5		41	26	-37
20S 38W 17CB 01	T0	142.0	-7	-7.3		-0.2		97	90	-7
20S 38W 33BA 01	T0	141.3	-15		-0.1	-0.5	-0.5	79	64	-19



WATER-LEVEL CHANGE IN WICHITA COUNTY, 1981-82