JANUARY 1986 WATER LEVELS, AND DATA RELATED TO WATER-LEVEL CHANGES, WESTERN AND SOUTH-CENTRAL KANSAS

By B. J. Dague

U.S. GEOLOGICAL SURVEY

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CONVERSION TABLE

For interested readers, the inch-pound units used in this report can be converted to the International System of Units (SI) using the following factors:

Multiply inch-pound unit	By	To obtain SI unit
foot	0.3048	meter
mile	1.609	kilometer
acre	4,047	square meter

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INTRODUCTION

This report provides hydrologic data related to water-level measurements made in about 1,380 observation wells in western and south-central Kansas during January and February 1986. There are a total of 1,480 wells in the monitoring network that are measured annually by personnel from the Kansas State Board of Agriculture and the U.S. Geological Survey. State-agency support for this cooperative effort is provided by the Kansas Geological Survey. This report also includes measurements made in cooperation with the Western Kansas Groundwater Management District No. 1.

Water-level measurements are made in midwinter of each year to minimize the effect of seasonal pumping for irrigation. However, a few water-level measurements that are made in midwinter 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 large amounts of rainfall and minimum pumpage (1966 or 1974), and (3) each of 7 consecutive years of measurement (1980-86). The "base-reference year" is designated as 1940 for the southwestern area, 1944 for the south-central area, and 1950 for the northwestern, west-central, and Equus beds (Quaternary deposits) 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.

Tables in the report show: (1) well number; (2) principal geologic unit; (3) land-surface altitude of well; (4) depth to bedrock; (5) depths to water during the base years of 1940, 1944, or 1950 (predevelopment years), during the reference years of either 1966 or 1974, and during each year from 1980 through 1986; (6) water-level changes from the base year and the reference year to 1986, and from 1985-86; (7) average annual water-level changes from the base year and reference year to 1986. Also

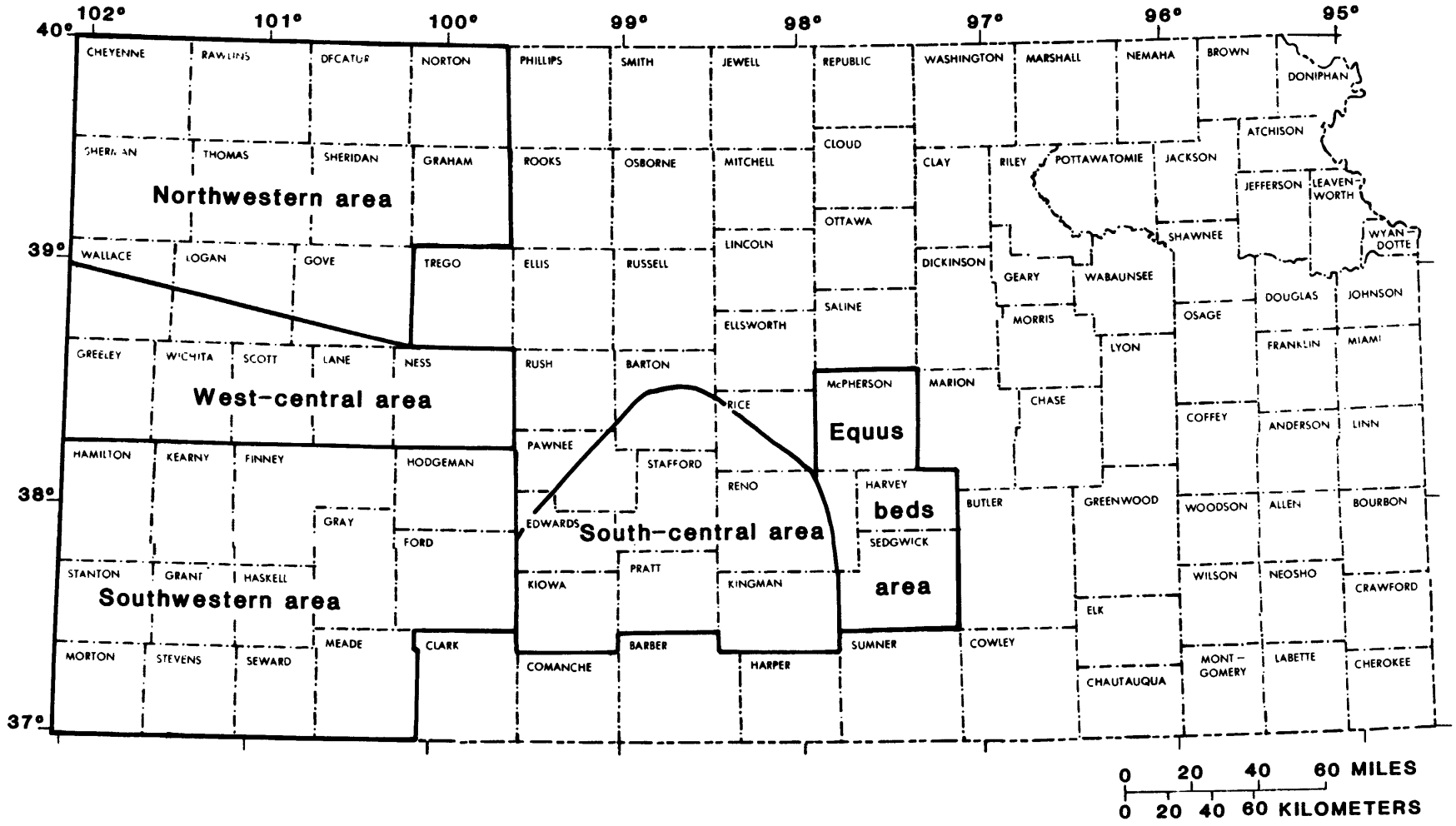


Figure 1.--Location of reporting areas.

shown are saturated thicknesses of the water-bearing deposits during the base year and during 1986, as well as the percentage change in saturated thickness from the base year to 1986.

County maps in this report show the location and 1985-86 water-level changes at observation wells as listed in the tables. A minus (-) sign preceding the number indicates a water-level decline; no sign preceding the number indicates a water-level increase; no number indicates that well was not measured in either 1985 or 1986 or both. To assist in describing water-level changes in the High Plains and alluvial aquifers, the location and water-level changes for observation wells screened in Cretaceous and Jurassic formations (KJ, KD, KN, and KU) are listed in the tables but are not noted on the county maps.

As an indicator of water-level trends, average water-level changes for the five reporting areas (fig. 1) were computed for various time intervals. These average changes were computed only from the wells measured for the given time interval and do not represent an area-weighted average of water-level changes. In northwestern Kansas, the average water level was unchanged during 1985, and the average decline was 0.1 foot during 1984. The average annual water-level decline was 0.5 foot for the 20-year period from 1966-85. In west-central Kansas, the average water level was unchanged during 1985 and declined 0.1 foot during 1984. For 1966-85, the average annual decline was 1.4 feet. In southwestern Kansas, the average water-level decline was 0.6 foot during 1985 and 0.5 foot during 1984. The average annual decline was 1.4 feet during 1966-85. In south-central Kansas, the average water-level increased 1.1 feet during 1985 compared to a 0.3-foot decline during 1984. The average annual decline was 0.4 foot during 1974-85. For the Equus beds area (the area in the High Plains aquifer east of Hutchinson), the average water level increased 2.2 feet during 1985 compared to an average increase of 0.3 foot during 1984. Water levels increased an average of 0.1 foot during 1985 throughout western and south-central Kansas.

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 following the section number 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 were collected. Thus, in Greeley County, the number 18S 39W 07BBD 01 indicates that the well is in the SE1/4 NW1/4 NW1/4 sec. 7, T. 18 S., R. 39 W. (fig. 2).

Letter designations for the geologic units shown in the tables are: KJ, undifferentiated Lower Cretaceous and Upper Jurassic rocks; KD, Cretaceous Dakota Formation; KN, Cretaceous Niobrara Chalk; KU, undifferentiated Lower Cretaceous rocks; TO, Tertiary Ogallala Formation; QA, Quaternary alluvium; and QU, undifferentiated Quaternary deposits.

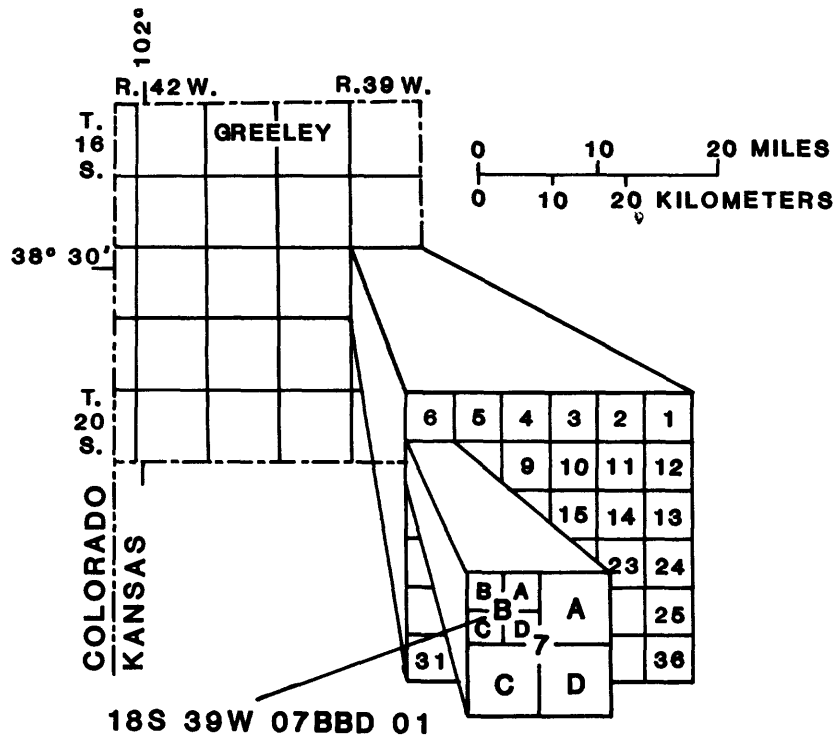


Figure 2.--Well-numbering system.

PUBLICATIONS CONTAINING GROUND-WATER-LEVEL DATA FOR KANSAS

Records of ground-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	1966-71	2090
1947	1098		

* May be purchased from the Superintendent of Documents, U.S. 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 Sales Office, Kansas Geological Survey, University of Kansas, Lawrence, Kansas 66046.

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

Broeker, M. E., McIntrye, 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.

Dague, B. J., 1985, January 1985 water levels, and data related to water-level changes, western and south-central Kansas: U.S. Geological Survey Open-File Report 85-423, 162 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 Hydrologic Data, 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.

_____1982, January 1982 water levels, and data related to water-level changes, western and south-central Kansas: U.S. Geological Survey Open-File Report 82-649, 167 p.

_____1983, January 1983 water levels, and data related to water-level changes, western and south-central Kansas: U.S. Geological Survey Open-File Report 83-762, 164 p.

Pabst, M. E., and Dague, B. J., 1984, January 1984 water levels, and data related to water-level changes, western and south-central Kansas: U.S. Geological Survey Open-File Report 84-613, 162 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 northwestern Kansas, 1950-76: Kansas Geological Survey Journal, December 1976, 20 p.

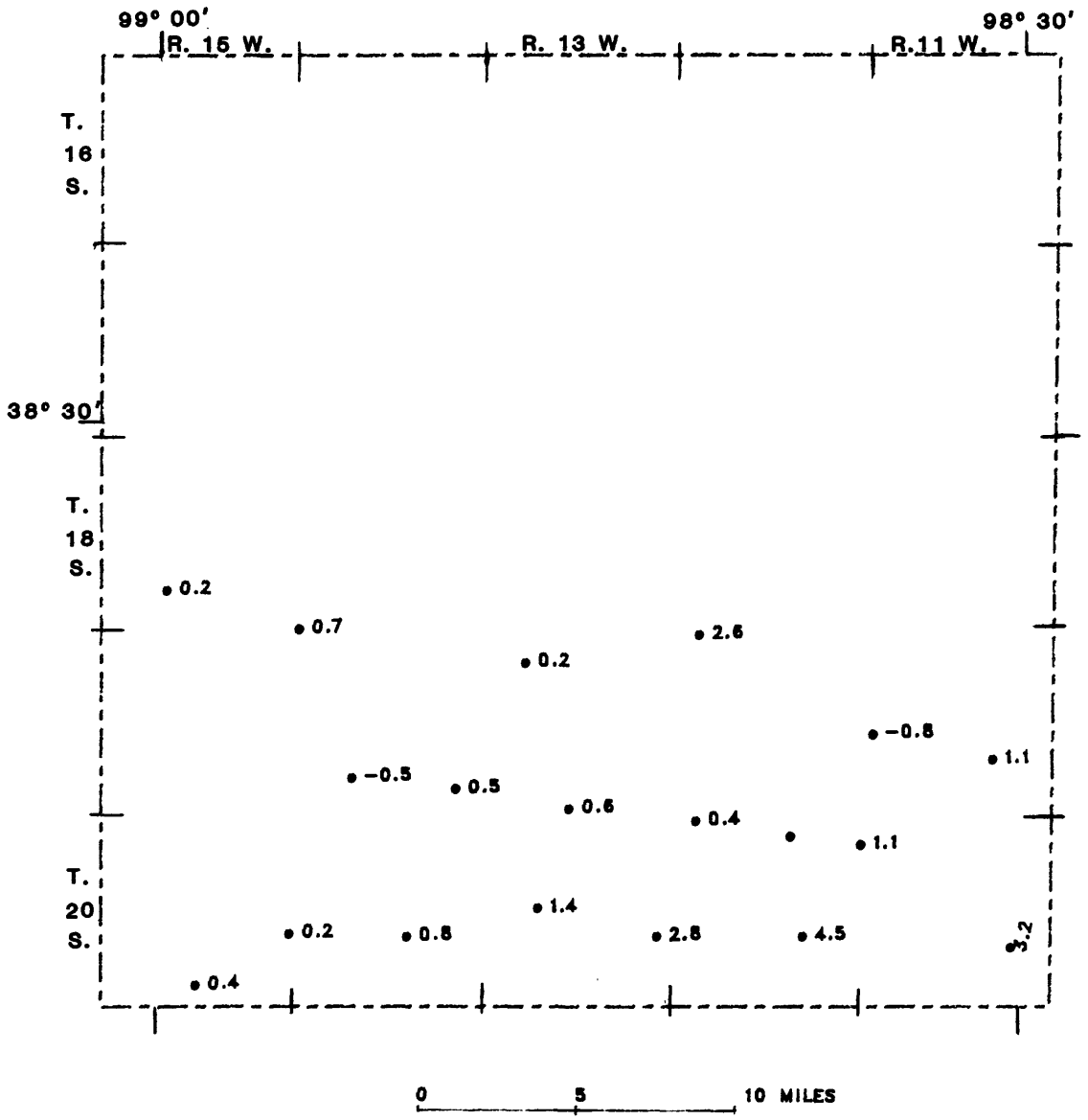
_____1976b, Water-level changes in southwestern Kansas, 1940-75: Kansas Geological Survey Journal, May 1976, 26 p.

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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
19S 15W 28CCC 03	QA	1912.		9		19.2	21.0	18.2	20.7	22.7	22.4	22.2
19S 11W 19BDD 01		1791.		13							19.6	20.4
19S 11W 26BDA 01		1772.		7							13.9	12.3
19S 12W 06ADA 01		1800.									6.7	4.1
19S 13W 05BAD 01		1855.		11		19.3	20.8	17.8	20.4	20.4	20.6	20.4
19S 13W 33DDB 01	QA	1847.		4	4.4	8.8	9.5	7.9	9.8	10.6	9.6	9.0
19S 14W 06BBB 01		1895.		13		16.6	19.1	16.4	19.3	20.6	21.4	20.7
19S 14W 29DDB 01		1895.		20		26.5	27.7	26.9	27.5	28.1	28.7	29.2
19S 14W 36BBC 01		1868.		8							11.7	11.2
20S 11W 06CCC 01	QA	1799.	139	9	5.6	10.0	10.4	9.5	10.5	11.9	10.9	9.3
20S 11W 26AAC 01	QU	1752.	112	3	1.6	10.0		8.8	10.6	11.0	11.0	7.8
20S 12W 03DAC 01		1799.	144	2	1.3	7.2	7.6	6.7	7.8	8.0		7.0
20S 12W 06AAC 01	QU	1822.	117	7	5.1	8.5	9.6	9.0	9.8	10.0	9.6	9.2
20S 12W 23CCA 01	QU	1814.	159	11	3.7	14.4	15.5	15.1	15.7	16.8	17.8	13.3
20S 13W 17DDC 01	QU	1876.	126	11	7.2	16.1	17.3	14.2	16.3	16.6	17.7	16.3
20S 13W 24DCB 01	QU	1850.	140	12	9.6	19.1	19.8	19.4	20.9	22.0	23.3	20.5
20S 14W 22DCB 01		1897.	152	6	6.5	13.7	14.4	11.6	13.7	14.4	15.0	14.2
20S 15W 24DBD 01		1915.		10		13.7	14.7	11.5	13.8	14.4	14.8	14.6
20S 15W 33ADD 01		1945.		15							20.3	19.9

TABLE 1.-- SELECTED HYDROLOGIC DATA, BARTON COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
15S 15W 29CCC 01	QA	22.2	-13		0.2	-0.3				
19S 11W 19BDD 01		20.4	-7		-.8	-.2				
19S 11W 26BDA 01		12.8	-6		1.1	-.1				
19S 12W 06ADA 01		4.1			2.6					
19S 13W 08BAD 01		20.4	-9		.2	-.2				
19S 13W 33DDB 01	QA	9.0	-5	-4.6	.6	-.1	-0.4			
19S 14W 06BBB 01		20.7	-8		.7	-.2				
19S 14W 29DDB 01		29.2	-9		-.5	-.2				
19S 14W 36BBC 01		11.2	-3		.5	-.1				
20S 11W 06CCC 01	QA	9.8	-1	-4.2	1.1		-.4	129	128	-1
20S 11W 26AAC 01	QU	7.8	-5	-6.2	3.2	-.1	-.5	109	104	-5
20S 12W 03DAC 01		7.0	-5	-5.7		-.1	-.5	142	137	-4
20S 12W 06AAC 01	QU	9.2	-2	-4.1	.4		-.3	110	108	-2
20S 12W 23CCA 01	QU	13.3	-2	-9.6	4.5		-.8	148	146	-1
20S 13W 17DDC 01	QU	16.3	-5	-9.1	1.4	-.1	-.8	115	110	-4
20S 13W 24DCB 01	QU	20.5	-9	-10.9	2.8	-.2	-.9	128	120	-6
20S 14W 22DCB 01		14.2	-8	-7.7	.8	-.2	-.6	146	138	-5
20S 15W 24DBD 01		14.6	-5		.2	-.1				
20S 15W 33ADD 01		19.9	-5		.4	-.1				



WATER–LEVEL CHANGE IN BARTON COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, CHEYENNE 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
01S 38W 02CDC 01	QA	3034.	41	23	22.6	25.1	24.3	23.6	23.6	24.3	24.1	24.1
01S 38W 08DCC 01	QA	3057.	33	12	12.3	13.8	13.7	13.3	13.3	13.9	13.9	13.4
01S 38W 30BDC 01	QA	3090.	28	7	8.0	10.1	9.8	8.6	8.5	8.8	9.1	9.1
01S 39W 25CBC 01	QA	3102.	26	7	8.5	10.2	10.2	9.8	9.3	9.6	9.7	9.5
02S 37W 33DCC 01		3420.									215.9	212.7
02S 39W 27BBB 01	QA	3235.	28	18	17.8	18.5	19.0	16.8	18.0	17.9	17.7	17.9
02S 40W 28DBA 01	TO	3452.	140	112	112.5	113.2	113.5	112.0	110.9	112.3	112.1	116.5
02S 40W 32BCB 01	TO	3492.									130.6	130.5
02S 41W 27BBD 01	TO	3620.	242	200	198.6		201.0		200.5		207.5	200.6
02S 41W 33DBC 01	TO	3650.	288	235	235.2	237.9		237.7	236.8	236.8	238.5	236.5
03S 37W 19BBC 01	TO	3468.	325	215	219.8	229.4	228.8	229.2	229.3	230.5	226.5	229.7
03S 37W 21DDD 01	TO	3422.	312	194		217.5	218.2	218.7	222.7	218.5		218.3
03S 37W 36ADB 01	TO	3381.	300	175	182.0		201.4	200.9	199.1	200.0	201.2	199.9
03S 38W 04BCC 01	TO	3479.									230.7	217.9
03S 38W 21BCB 01	TO	3512.									237.0	240.1
03S 38W 25BBB 01		3479.									226.7	227.0
03S 39W 04CCC 01	TO	3351.									67.5	65.6
03S 39W 20DAC 01	TO	3450.	199	130	140.4	141.9	141.8	141.2	139.3	144.1	143.2	140.2
03S 39W 24DDD 01	TO	3505.	275	205		218.6	220.0	220.6	220.3	220.7	221.5	221.5
03S 39W 32BDB 01	TO	3490.	223	150	153.6	153.2	154.2	153.4	153.4	153.5	154.5	153.5
03S 40W 09BAA 02	QA,TO	3358.	22	20	19.9		20.5		20.1	20.6	20.4	19.9
03S 40W 35AAC 01	TO	3445.	144	95	96.1	100.9	101.2	100.6	99.5	98.8	98.5	97.9
03S 41W 33ABB 01		3594.	184	164			173.5	164.7	164.6	165.4	164.1	163.5
03S 42W 04AAA 01	TO	3727.	255	230		230.8	231.1	231.2	230.9	231.0	231.0	231.3
03S 42W 26CCD 01		3702.									206.2	205.2
04S 37W 17AAC 01	TO	3446.	325	187	187.9	195.3		196.5	195.9	195.7	196.3	197.3
04S 37W 25DCA 01	TO	3374.	284	147	141.5	150.3	151.1	151.7	151.4	151.1	151.2	151.9
04S 38W 04BAC 01	TO	3509.	327	207	207.0	213.6	215.4	216.5	216.6	216.9	217.7	218.6
04S 38W 20CCC 01	TO	3495.	297	151	149.5	155.2	155.6	155.9	156.2	156.6	156.9	157.0
04S 38W 21ADC 01	TO	3491.	316	178	188.0	183.2	185.9	185.1	184.3	184.8	185.1	185.4
04S 40W 22BCB 01	TO	3520.	215	123	123.9	125.1	125.2	126.7	125.2	125.0	124.9	124.6
04S 41W 16DAA 01	QA	3403.	38	13	14.2	16.0	15.9	15.4	15.0	15.3	15.2	15.5
04S 41W 23AAA 01		3526.									121.0	120.9
04S 41W 25BCB 01	TO	3571.	211	141	139.6	141.9	142.1	142.4			142.7	142.8
04S 41W 31ACA 01	TO	3552.	142	94	94.0	97.9	98.7	98.4	96.9	98.3	96.0	96.6
04S 42W 02BCC 01		3704.									213.4	213.1
04S 42W 16CCD 01		3590.										87.4
05S 37W 15DBB 01	TO	3397.	297	147	136.4	151.1	152.1	151.1	148.5	149.3	150.1	150.1
05S 38W 13BAC 01	TO	3340.	220	74	72.5	77.7	77.5	77.8	77.9	77.7	77.9	78.1
05S 38W 22ACB 01	TO	3437.	270	90	90.6	96.9	97.4	95.8	94.4	98.1	97.7	97.7

TABLE 1.-- SELECTED HYDROLOGIC DATA, CHEYENNE COUNTY -- CONTINUED

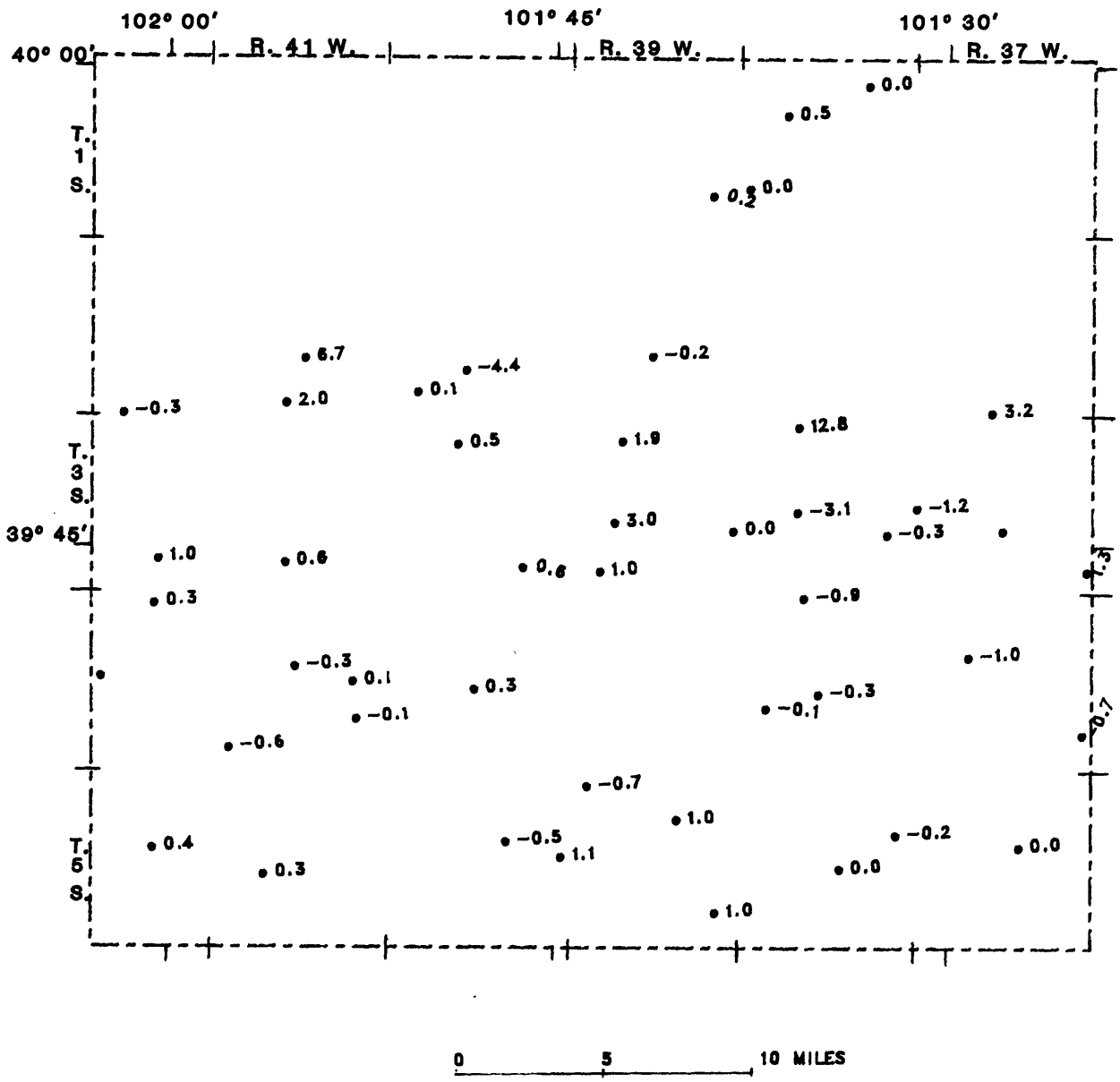
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
05S 39W 06DAA 01							208.6	209.7	210.2	210.8	211.4	212.1
05S 39W 11CBC 01	TO	3530.	291	140	140.1	149.9	152.6	149.0	149.2		151.1	150.1
05S 39W 18CCC 01	TO	3630.	325	195		219.8	216.1	218.1	214.7	212.9	220.0	218.9
05S 39W 25CDA 01	TO	3533.	295	127	125.0	131.5	132.1	132.3	132.5	132.6	133.1	132.1
05S 40W 14BCD 01	TO	3645.	325	187				222.4	221.5	222.1	221.4	221.9
05S 41W 20DAA 01	TO	3742.	309	207	211.6	226.2	225.4	227.8	228.0	224.1	227.7	227.4
05S 42W 14CBC 01	TO	3687.	215	145	147.5	153.6	153.6	155.8	154.4	155.6	156.5	156.1

TABLE 1.-- SELECTED HYDROLOGIC DATA, CHEYENNE COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
01S 38W 02CDC 01	QA	24.1	-1	-1.5	0.0		-0.1	18	17	-6
01S 38W 08DCC 01	QA	13.4	-1	-1.1	.5		-.1	21	20	-5
01S 38W 30BDC 01	QA	9.1	-2	-1.1	0.0	-0.1	-.1	21	19	-10
01S 39W 25CBC 01	QA	9.5	-3	-.9	.2	-.1		19	17	-11
02S 37W 33DCC 01		212.7			3.2					
02S 39W 27998 01	QA	17.9		-.1	-.2			10	10	
02S 40W 29DBA 01	TO	116.5	-5	-3.9	-4.4	-.1	-.2	28	24	-14
02S 40W 32BCB 01	TO	130.5			.1					
02S 41W 27BBD 01	TO	200.8	-1	-2.2	6.7		-.1	42	41	-2
02S 41W 33DBC 01	TO	236.5	-2	-1.3	2.0	-.1	-.1	53	52	-2
03S 37W 19BBC 01	TO	229.7	-15	-9.8	-1.2	-.4	-.5	110	95	-14
03S 37W 21DDD 01	TO	218.3	-24			-.7		118	94	-20
03S 37W 36ADB 01	TO	199.9	-25	-17.8	1.3	-.7	-.9	125	100	-20
03S 38W 04BCC 01	TO	217.9			12.8					
03S 38W 21BCB 01	TO	240.1			-3.1					
03S 38W 25BBB 01		227.0			-.3					
03S 39W 04CCC 01	TO	65.6			1.9					
03S 39W 20DAC 01	TO	140.2	-10	.3	3.0	-.3		69	59	-14
03S 39W 24DDD 01	TO	221.5	-17		0.0	-.5		70	54	-23
03S 39W 32BDE 01	TO	153.5	-4	.1	1.0	-.1		73	70	-4
03S 40W 09BAA 02	QA,TO	19.9			.5			2	2	
03S 40W 35AAC 01	TO	97.9	-3	-1.7	.6	-.1	-.1	49	46	-6
03S 41W 33ABB 01		163.5	1		.6			20	21	5
03S 42W 04AAA 01	TO	231.3	-1		-.3			25	24	-4
03S 42W 26CCD 01		205.2			1.0					
04S 37W 17AAC 01	TO	197.3	-10	-9.4	-1.0	-.3	-.5	138	128	-7
04S 37W 25DCA 01	TO	151.9	-5	-10.4	-.7	-.1	-.5	137	132	-4
04S 38W 04BAC 01	TO	218.6	-12	-11.4	-.9	-.3	-.6	120	108	-10
04S 38W 20CCC 01	TO	157.0	-6	-7.4	-.1	-.2	-.4	146	140	-4
04S 38W 21ADC 01	TO	185.4	-7	2.6	-.3	-.2	.1	138	131	-5
04S 40W 22BCB 01	TO	124.6	-2	-.7	.3	-.1		92	90	-2
04S 41W 14DAA 01	QA	15.5	-3	-1.3	-.3	-.1	-.1	25	23	-8
04S 41W 23AAA 01		120.9			.1					
04S 41W 25BCB 01	TO	142.8	-2	-3.2	-.1	-.1	-.2	70	68	-3
04S 41W 31ACA 01	TO	96.6	-3	-2.6	-.6	-.1	-.1	48	45	-6
04S 42W 02BCC 01		213.1			.3					
04S 42W 14CCD 01		57.4								
05S 37W 15DBB 01	TO	160.1	-13	-13.7	0.0	-.4	-.7	166	147	-8
05S 38W 13BAD 01	TO	78.1	-4	-5.5	-.2	-.1	-.3	146	142	-3
05S 38W 22ACB 01	TO	97.7	-8	-7.1	0.0	-.2	-.4	180	172	-4

TABLE 1.-- SELECTED HYDRCLOGIC DATA, CHEYENNE COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
05S 39W 06DAA 01		212.1			-0.7					
05S 39W 11CBC 01	TO	150.1	-10	-10.0	1.0	-0.3	-0.5	151	141	-7
05S 39W 18CCC 01	TO	218.9	-34		1.1	-.9		140	106	-24
05S 39W 25CDA 01	TO	132.1	-5	-7.1	1.0	-.1	-.4	168	163	-3
05S 40W 14BCD 01	TO	221.9	-35		-.5	-1.0		138	103	-25
05S 41W 20DAA 01	TO	227.4	-20	-15.7	.3	-.6	-.8	102	82	-20
05S 42W 14CBC 01	TO	156.1	-11	-8.6	.4	-.3	-.4	70	59	-16



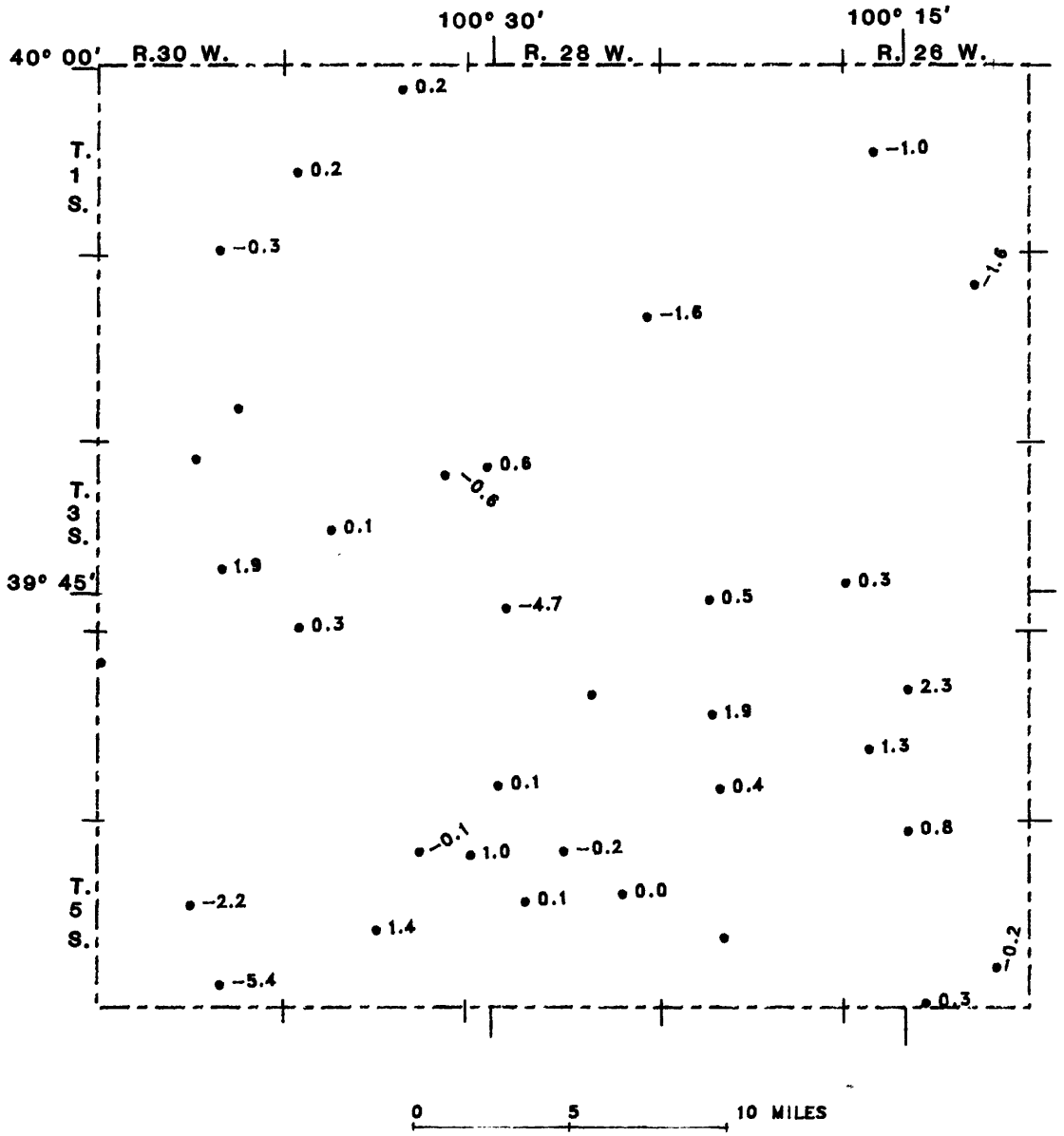
WATER–LEVEL CHANGE IN CHEYENNE COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, DECATUR 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
01S 26W 18DDB 01	QA	2413.	59	29	26.4		31.5	31.7	30.4		26.8	27.8
01S 29W 03DDB 01	QA	2539.	45	23	23.0	30.9	31.6		30.4		28.8	28.6
01S 29W 14BDD 01	QA	2572.	53	10	10.9	22.7	24.1	23.0	21.4	18.1	17.2	17.0
01S 30W 34DDD 01	QA	2610.	60	20	21.5	34.1	35.1	32.8	27.4	26.2	25.8	26.1
02S 26W 11BBA 01	TO	2509.	110	85	87.3	86.0	85.2	86.1	86.1	86.3	86.2	87.8
02S 28W 13ABA 01		2487.	58	27	26.2	27.9	29.9	30.3	27.9	26.3	26.6	28.2
02S 30W 26DCC 01	TO	2835.	226	125			137.2	136.7		135.8		135.9
03S 26W 30CBB 02	TO	2610.	142	119	119.4	126.1	126.0	125.9	125.0	125.9	125.8	125.5
03S 27W 32ABA 01	TO	2637.	120	74	74.8	73.5		73.0	73.0	73.4	72.6	72.1
03S 28W 06DCB 01	QA	2571.	55	34	25.6	43.7	44.9	46.3	47.5		37.7	37.1
03S 28W 32BCA 01	TO	2749.	180	133	133.6	141.1	142.7	142.2			130.6	135.3
03S 29W 12BBA 01	QA	2536.	55	26	24.9	30.8	31.8	31.5	28.4	25.3	24.4	25.0
03S 29W 17DCB 01	QA,TC	2587.	50	19	20.0	24.2	24.6	24.3	22.3	21.8	21.9	21.8
03S 29W 31DCC 01	QA	2633.	38	20	20.3	25.9	26.9	26.9	25.5	25.3	24.4	24.1
03S 30W 03CBA 01	TO	2807.	177	96	98.6		101.1		95.4		93.6	
03S 30W 26BBB 01	QA	2629.	49	7	10.2	11.5		10.3	5.5		6.7	4.8
04S 26W 08DDD 01	QA	2455.	70	26	28.7	29.7	31.9	30.1	29.7	30.4	31.7	29.4
04S 26W 19DCA 01	QA	2464.	37	14	14.0	18.2	17.2	20.7	17.0		17.5	16.2
04S 27W 17DAC 01	TO	2548.	162	105	103.8	105.0	105.2		105.7		105.5	103.6
04S 27W 33BBB 01	QA	2528.	54	13	16.0	18.1	19.5	18.7	19.0	19.2	18.3	17.9
04S 28W 15AAA 01	TO	2700.	130	92	94.1	92.4	92.2					
04S 28W 30DDD 01	TO	2726.	110	92	92.7		91.2		92.6	91.9	91.0	90.9
04S 30W 07BBB 01	QA	2697.	21	7	7.3	13.8	15.3	12.6	12.1		12.1	
05S 26W 05ADD 01	TO	2607.	170	128	128.9	128.5	127.6	127.8	128.2	127.8	127.7	126.9
05S 26W 26DDA 01	QA	2437.	74	26	22.4	23.7	23.6	23.4	23.1	24.1	23.6	23.8
05S 26W 33DCC 01	QA	2475.	60	20	19.2	18.2	18.9	19.8	19.4	19.3	18.6	18.3
05S 27W 21CCA 01	TO	2675.		103	104.2	103.9	98.7	103.8				103.6
05S 28W 07BBC 01	QA	2644.	52	19	19.9	18.3	20.0	20.5	21.2	20.4	20.1	19.1
05S 28W 10BBB 01	QA	2600.	47	12	9.0	10.9	10.9	10.0	9.6	9.0	8.8	9.0
05S 28W 14ADD 01	TO	2723.	160	133	135.0	134.0	134.5	134.5	137.5	136.0	133.9	133.9
05S 28W 17DAC 01	TO	2734.	124	102	102.3	102.2	101.7				102.0	101.9
05S 29W 11BAA 01	QA	2670.	42	10	12.3	11.7	13.1	13.0	12.7	12.6	12.5	12.6
05S 29W 22CBB 01	QA	2686.	46	11	12.6	14.5	15.9	14.3	14.1	13.1	13.8	12.4
05S 30W 15CCB 01		2879.									95.1	97.3
05S 30W 35BCB 01	TO	2891.	200	112	111.6	117.6			119.6	118.9	119.3	124.7

TABLE 1.-- SELECTED HYDROLOGIC DATA, DECATUR COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
01S 26W 18DDB 01	QA	27.8		-1.3	-1.0		-0.1	31	31	
01S 29W 03DDB 01	QA	28.6	-6	-5.5	.2	-0.2	-.3	22	16	-27
01S 29W 19BDD 01	QA	17.0	-7	-6.0	.2	-.2	-.3	43	36	-16
01S 30W 34DDB 01	QA	26.1	-6	-4.6	-.3	-.2	-.2	40	34	-15
02S 26W 11BBA 01	TO	87.8	-3	-.5	-1.6	-.1		25	22	-12
02S 28W 13ABA 01		28.2	-1	-2.0	-1.6		-.1	31	30	-3
02S 30W 26DCC 01	TO	135.9	-11			-.3		101	90	-11
03S 26W 30CBB 02	TO	125.5	-7	-6.1	.3	-.2	-.3	23	17	-26
03S 27W 32ABA 01	TO	72.1	2	2.7	.5	.1	.1	46	48	4
03S 28W 06DCB 01	QA	37.1	-3	-11.5	.6	-.1	-.6	21	18	-14
03S 28W 32BCA 01	TO	135.3	-2	-1.6	-4.7	-.1	-.1	47	45	-4
03S 29W 12BBA 01	QA	25.0	1	-.1	-.6			29	30	3
03S 29W 17DCB 01	QA,TO	21.8	-3	-1.8	.1	-.1	-.1	31	28	-10
03S 29W 31DCC 01	QA	24.1	-4	-3.8	.3	-.1	-.2	18	14	-22
03S 30W 03CBA 01	TO									
03S 30W 26BBB 01	QA	4.8	2	5.4	1.9	.1	.3	42	44	5
04S 26W 02DDD 01	QA	20.4	-3	-.7	2.3	-.1		44	41	-7
04S 26W 19DCA 01	QA	16.2	-2	-2.1	1.3	-.1	-.1	23	21	-9
04S 27W 17DAC 01	TO	103.6	1	.2	1.9			57	58	2
04S 27W 33BBB 01	QA	17.9	-5	-1.8	.4	-.1	-.1	41	36	-12
04S 28W 15AAA 01	TO									
04S 28W 30DDD 01	TO	90.9	1	1.8	.1		.1	18	19	6
04S 30W 07BBB 01	QA									
05S 26W 05ADD 01	TO	126.9	1	2.0	.8		.1	42	43	2
05S 26W 26DDA 01	QA	23.8	2	-1.4	-.2	.1	-.1	48	50	4
05S 26W 33DCC 01	QA	18.3	2	-.1	.3	.1		40	42	5
05S 27W 21CCA 01	TO	103.6	-1	.6						
05S 28W 07BBC 01	QA	19.1		.9	1.0			33	33	
05S 28W 10BBB 01	QA	9.0	3	-1.0	-.2	.1	-.1	35	38	9
05S 28W 14ADD 01	TO	133.9	-1	1.2	0.0		.1	27	26	-4
05S 28W 17DAC 01	TO	101.9		.4	.1			22	22	
05S 29W 11BAA 01	QA	12.6	-3	-.2	-.1	-.1		32	29	-9
05S 29W 22CBB 01	QA	12.4	-1	.2	1.4			35	34	-3
05S 30W 15CCB 01		97.3			-2.2					
05S 30W 35BCB 01	TO	124.7	-13	-13.1	-5.4	-.4	-.7	88	75	-15



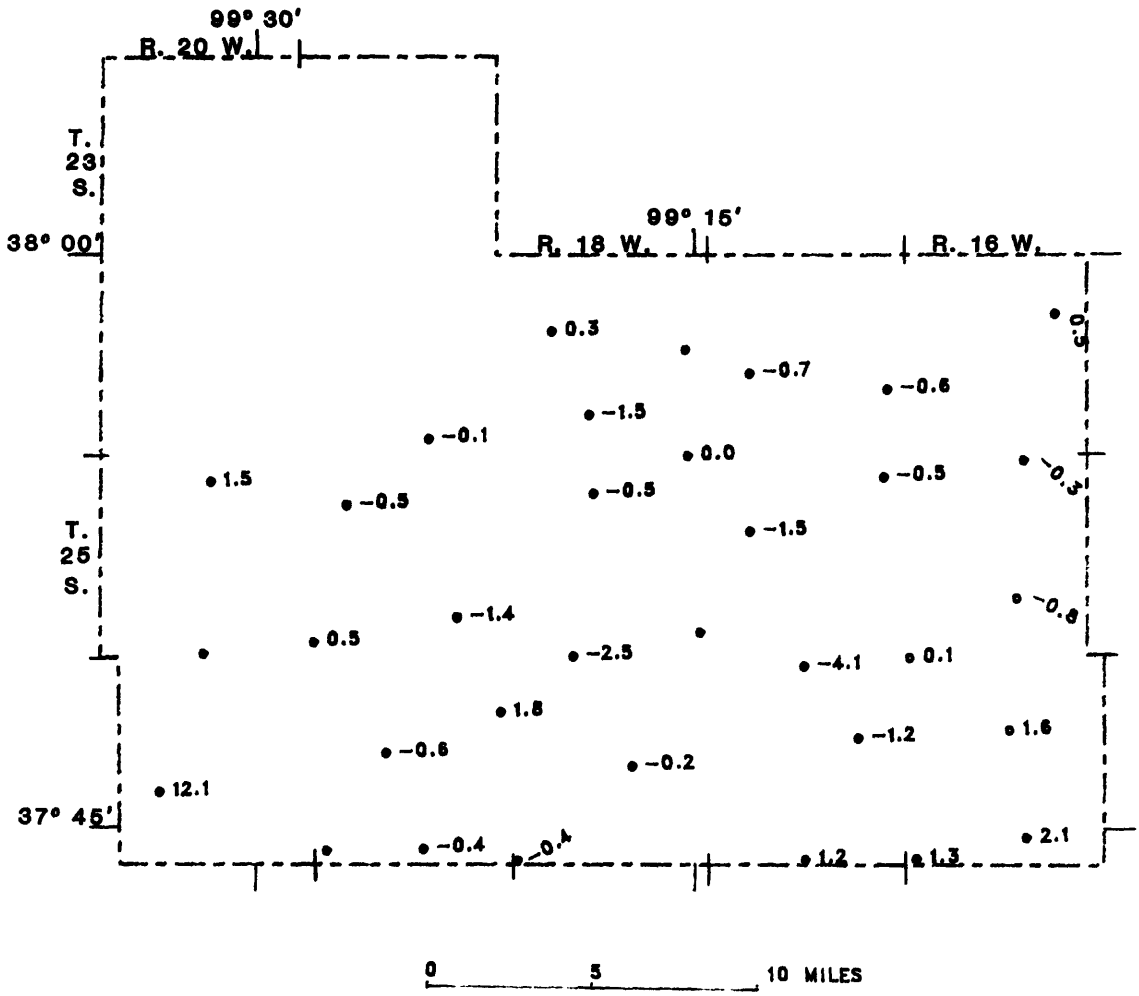
WATER–LEVEL CHANGE IN DECATUR COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, EDWARDS 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
24S 16W 12CFC 01	QU	2055.	130	5	9.2	17.8	19.9	20.8	23.0	23.1	24.9	24.4
24S 17W 20ADC 01	QU	2126.	121	3	15.8	24.1	24.8	25.7	26.8	26.9	27.9	28.6
24S 17W 24DDD 01	QU	2100.	170	15	13.3	23.0	24.0	24.9	25.1	25.0	29.4	30.0
24S 18W 13DAC 01		2130.	115									28.1
24S 18W 17ABD 01	QU	2147.	92	27	19.8	27.8	28.1	27.7	28.7	28.7	30.1	29.8
24S 18W 29BAC 01	QU	2158.	98	25	16.6	28.4	29.2	33.1	36.8	31.2	32.6	34.1
24S 18W 36DDC 01	QU	2149.	119	29	24.2	32.7	33.7	34.9	36.3	36.7	38.3	38.3
24S 19W 34ADD 01	QA	2160.		8	7.8		10.0	9.2	9.6	9.2	8.8	8.9
25S 16W 02BBB 01	QU	2069.	184	6	6.6	17.8	19.7	21.1	23.2	23.8	25.0	25.3
25S 16W 27AAC 01	QU	2063.	188	3	6.1	13.6	14.4	14.8	15.0	16.4	16.9	17.7
25S 16W 31DCC 01	TO							17.1	18.3	19.1	20.7	20.6
25S 17W 01DAB 01	QU	2102.	162	12	8.8	20.0	21.4	22.2	24.4	25.0	26.6	27.1
25S 17W 17AAC 01	QU	2129.	74	14	14.4	23.8	25.2	25.7	27.9	28.2	28.6	30.1
25S 17W 31BBD 01	QU	2148.	178	22	11.1	18.9	20.9	21.4		22.4		24.2
25S 18W 09AAA 01	QU	2161.	131	21	15.6	23.9	24.7	26.0	26.9	27.7	29.1	29.6
25S 18W 33CDC 01	QU	2182.	172	29	23.2	25.5	26.4	27.1	28.2	28.9	28.0	30.5
25S 19W 05BDD 01											6.1	6.6
25S 19W 26DDB 01	QU	2206.	146	31	30.1	33.7	35.1	35.0	36.3	36.2	37.4	38.9
25S 19W 31CAB 01	QU	2220.		17	15.2	18.0	18.8	18.5	18.1		20.0	19.5
25S 20W 03BCD 01		2237.									29.5	28.0
25S 20W 34CCC 01												8.2
26S 16W 10CCC 01	QU	2065.	220	5	3.8	9.3	8.3	8.5	9.5	9.5	11.2	9.6
26S 16W 31CCA 01	QU	2110.	285	25	19.6	28.6	30.2	30.1	32.1	31.7	32.7	31.4
26S 16W 34ABC 01	QU	2079.	289	25	6.8	17.5	19.4	20.3	22.5	22.1	23.4	21.3
26S 17W 04AAC 01	QU	2146.	216	44		23.9	24.2	24.5	28.8		39.3	43.4
26S 17W 14BAA 01	QU	2109.	194	16	20.7	20.8	22.7	22.2	22.4	24.0	24.4	25.6
26S 17W 33DDB 01	QU	2127.	227	22	12.4	19.6	20.7	21.7	23.3	23.1	23.9	22.7
26S 18W 15DCB 01	QU	2174.	229	33	22.0	25.8	26.0	27.0	28.2	28.8	30.3	30.5
26S 18W 31CCC 01		2215.	195	47	33.6	39.0	40.5	42.2	43.1	43.4	45.1	45.6
26S 19W 12ABB 02		2210.	155	38		44.7	38.3	46.4	48.4	49.1	52.1	50.3
26S 19W 16BCB 01	QU	2231.	176	35	29.4	33.2	33.9	34.6	35.6	35.6	37.2	37.8
26S 19W 31BAC 01		2257.	187									40.2
26S 19W 34580 01	QU	2232.	187	36	30.8	33.5	33.8	35.1	35.9	36.6	37.7	38.1
26S 20W 20BBC 01		2251.		19							23.5	11.4

TABLE 1.-- SELECTED HYDROLOGIC DATA, EDWARDS COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
24S 16W 12CBC 01	QU	24.4	-19	-15.2	0.5	-0.5	-0.8	125	106	-15
24S 17W 20ADC 01	QU	25.6	-26	-12.9	-.7	-.7	-.6	118	92	-22
24S 17W 24DDD 01	QU	30.0	-15	-16.7	-.6	-.4	-.8	155	140	-10
24S 15W 13DAC 01		28.1							87	
24S 18W 17ABD 01	QU	29.8	-3	-11.0	.3	-.1	-.6	65	62	-5
24S 18W 25DAC 01	QU	34.1	-9	-17.5	-1.5	-.3	-.9	73	64	-12
24S 18W 36DDC 01	QU	38.3	-10	-14.1	0.0	-.3	-.7	91	81	-11
24S 19W 34ADD 01	QA	8.9	-1	-1.8	-.1		-.1			
25S 16W 02BBB 01	QU	25.3	-19	-18.6	-.3	-.5	-.9	175	159	-11
25S 16W 27AAC 01	QU	17.7	-15	-11.6	-.8	-.4	-.6	185	170	-8
25S 16W 31DCC 01	TO	20.6			.1					
25S 17W 01DAB 01	QU	27.1	-15	-18.3	-.5	-.4	-.9	150	135	-10
25S 17W 17AAC 01	QU	30.1	-16	-15.7	-1.5	-.4	-.8	60	44	-27
25S 17W 31B3D 01	QU	24.2	-2	-13.1		-.1	-.7	156	154	-1
25S 18W 09AAA 01	QU	29.6	-9	-14.0	-.5	-.3	-.7	110	101	-8
25S 18W 33CDC 01	QU	30.5	-2	-7.3	-2.5	-.1	-.4	143	142	-1
25S 19W 08BDD 01		6.6			-.5					
25S 19W 26DDB 01	QU	38.8	-8	-8.7	-1.4	-.2	-.4	115	107	-7
25S 19W 31CAB 01	QU	19.5	-3	-4.3	.5	-.1	-.2			
25S 20W 03BCD 01		28.0			1.5					
25S 20W 34CCC 01		8.2								
26S 16W 10CCC 01	QU	9.6	-5	-5.8	1.6	-.1	-.3	215	210	-2
26S 16W 31CCA 01	QU	31.4	-6	-11.8	1.3	-.2	-.6	260	254	-2
26S 16W 34ABC 01	QU	21.3	4	-14.5	2.1	.1	-.7	264	268	2
26S 17W 04AAC 01	QU	43.4	1		-4.1			172	173	1
26S 17W 14BAA 01	QU	25.6	-10	-4.9	-1.2	-.3	-.2	178	168	-6
26S 17W 33DDB 01	QU	22.7	-1	-10.3	1.2		-.5	205	204	
26S 18W 15DCB 01	QU	30.5	3	-8.5	-.2	.1	-.4	196	199	2
26S 18W 31CCC 01		45.5	2	-11.9	-.4	.1	-.6	148	150	1
26S 19W 12ABB 02		50.3	-12		1.8	-.3		117	105	-10
26S 19W 16BCB 01	QU	37.8	-3	-8.4	-.6	-.1	-.4	141	138	-2
26S 19W 31BAC 01		40.2							147	
26S 19W 34B9D 01	QU	33.1	-2	-7.3	-.4	-.1	-.4	151	149	-1
26S 20W 20DBC 01		11.4	8		12.1	.2				



WATER–LEVEL CHANGE IN EDWARDS COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, FINNEY 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
21S 29W 36CCB 01	QA	2611.	23	17	17.7	22.4	22.1		23.1	22.0	21.6	
21S 30W 05BBB 01	QU,TO	2863.	78	35	28.6	40.3	39.4	39.2		38.1	37.5	36.7
21S 31W 08ABB 01	QU,TC	2903.	73	55	48.5	47.2	47.6		47.2	47.4		
21S 31W 26CCC 01	QU,TC	2900.		75							73.8	73.9
21S 32W 08ABC 01	QU	2910.	150	36	41.3	88.8		92.7	95.8	97.2	100.3	100.6
21S 32W 20C9D 01	QU,TC	2898.	200	31	45.1	88.0	91.4	90.7	95.6		97.6	98.4
21S 32W 26DAA 01	QU,TC	2946.	171	96	98.8	104.6		104.6	106.9	105.6	107.0	105.7
21S 33W 07DDAA01	QU	2918.	95	33	48.3	70.1	72.0	73.4	74.4	76.3	77.2	79.2
21S 33W 29BBC 01		2891.	106	16							79.1	79.7
21S 34W 14D2B 01	KN	2947.	97	56	69.0	102.8		104.9	112.8	105.5	103.6	101.7
21S 34W 16AADA02	QU,TC	2981.	120	80	95.3	93.0	92.8	92.8	93.0	94.7	92.8	93.2
22S 27W 14ADC 01	KJ	2458.				184.6	186.4	181.3	180.5	180.9	179.4	181.4
22S 31W 08CCC 01		2911.	171	81							99.7	98.2
22S 31W 16ADD 01	QU,TC	2904.	181	84	85.5	101.2	107.6	103.0	104.3	103.4	104.9	105.5
22S 31W 29DCC 01		2904.		85							108.2	105.5
22S 32W 08ACB 01	QU,TC	2884.	224	33	40.0	73.4	76.4	79.6	83.1	84.3	85.9	87.5
22S 32W 21CDC 01	QU,TC	2903.	198	58	66.4	108.3	114.2	114.6	118.3	120.8	123.2	123.9
22S 33W 22BAA 01	QU,TC	2900.	190	40	47.1	91.6		89.4	96.1	94.8	98.6	105.8
22S 33W 36AAA 02	QU,TO	2860.	200	14	21.5	67.8		70.0	71.9	70.0	66.7	62.9
22S 34W 08BCB 01	KN	2987.	132	87	108.9	131.2	131.8	132.2	132.7	135.8	133.4	132.8
22S 34W 10AAA 01	QU,TO	2933.	153	43	59.2	109.3	109.8	107.7	107.8	110.3	112.0	110.7
22S 34W 19CDD 01		2934.	234	67							148.3	147.9
22S 34W 26CCC 01		2939.										165.4
23S 27W 12CCC 01	QU,TC	2618.	72	59	62.5	62.0	61.1	60.8	60.9	60.3	60.6	60.6
23S 27W 22DAB 01	QU,TC	2654.		82		83.6	89.0	80.9	81.7	81.1	86.0	80.5
23S 28W 22DCD 01	QU,TC	2729.		74		74.7	74.7	74.1	75.2	74.8	75.0	75.0
23S 28W 34DDC 01	QU,TC	2738.		76		90.8	91.7	91.8	91.4	91.3	92.0	92.5
23S 29W 30BBB 01	QU,TC	2794.		75		77.7		77.8	76.2	76.1	78.2	78.5
23S 29W 34CDD 01	TO	2772.	147	84	84.0	87.3	89.3	88.9	90.0	89.3	90.2	90.3
23S 30W 04CAC 01	QU,TC	2846.		65			66.8	66.4	66.7	68.3	67.5	67.6
23S 30W 19CCB 01	QU,TC	2862.	142	89	92.2	84.4	85.0	85.3	86.0	86.3	86.9	87.4
23S 31W 03DCD 01	QU,TO	2877.	167	72	83.0	101.9		101.7	105.4		105.7	107.3
23S 31W 17A9A 01		2900.	210	90							106.3	107.3
23S 31W 35CCC 01	QU,TC	2875.	200	95	96.7	110.0	110.6	111.2	112.4		113.7	114.6
23S 32W 11ADC 01	QU,TC	2937.	242	117	122.7		142.2	143.7	145.5	145.8	146.7	147.9
23S 32W 31CED 01	QU,TC	2876.	324	41	49.4	98.1	101.6	99.3	106.9	99.1	94.5	
23S 33W 17BBB 01	QU,TC	2904.	340	26	60.3		147.7	143.9	155.5	153.4	150.6	144.8
23S 33W 26ABB 01	QU,TC	2890.	327	42	50.4	98.6		117.3		118.8	114.7	105.6
23S 33W 28CDC 01	QU,TC	2904.	339	46	61.2	130.9	140.3		151.1	127.2	118.5	109.6
23S 34W 17CCC 01	QU,TC	2974.	349	46	70.0	148.9	152.4	153.3	160.9	159.3	153.2	158.3

TABLE 1.-- SELECTED HYDROLOGIC DATA, FINNEY COUNTY -- CONTINUED

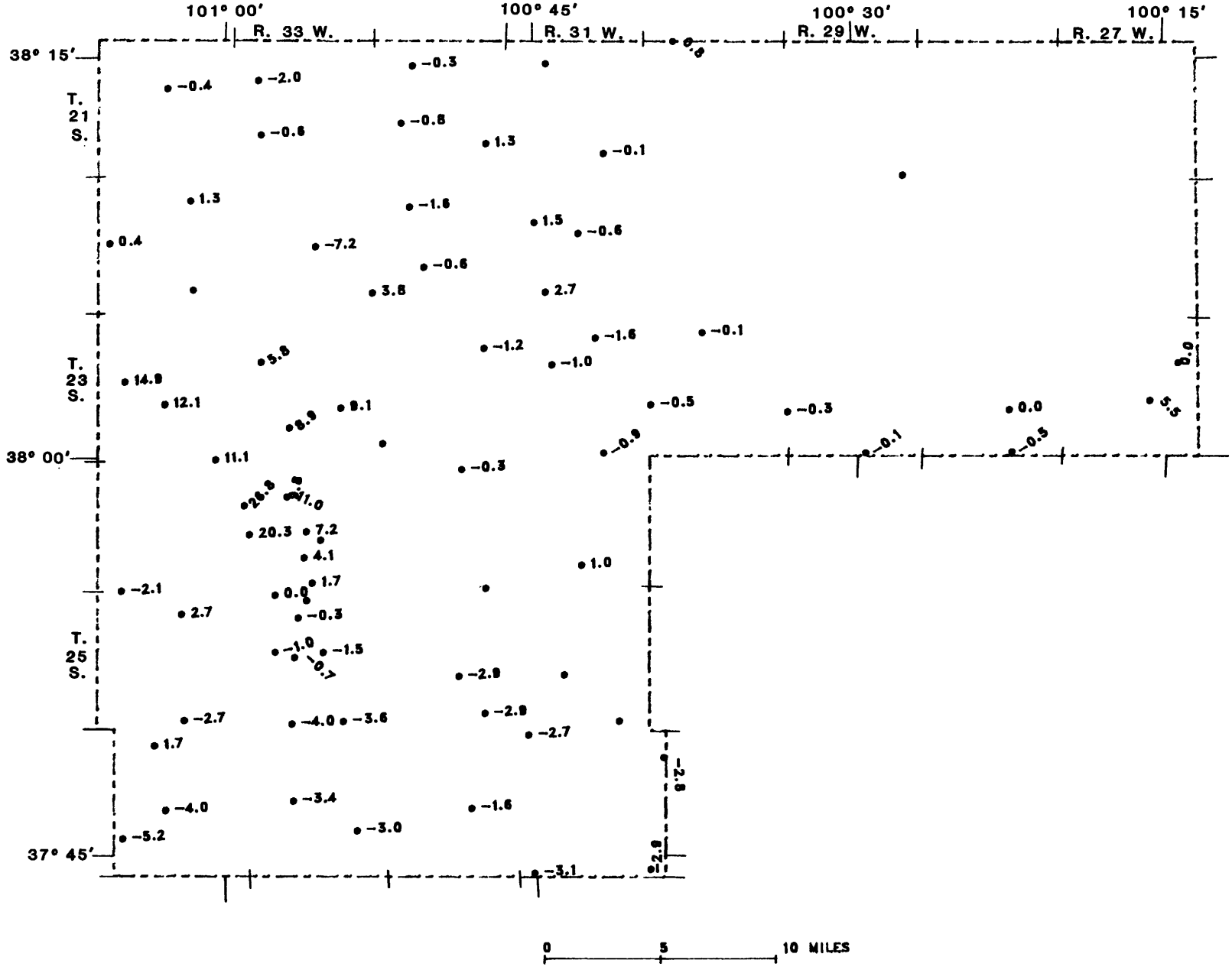
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
23S 34W 21DDC 01	QU,TO	2961.	356	41	71.6	146.1	147.5	149.4	153.5	151.5	141.9	129.8
24S 31W 27CCE 01	QU,TC	2883.	295	114	119.5	128.2	129.0	132.2	128.6	129.9	131.0	130.0
24S 32W 03DAC 01	QU,TC	2881.	299	70	80.9	99.7	103.6	104.9	106.6	107.8	109.7	110.0
24S 32W 35DD 01	QU,TC	2811.	256	21	27.2	38.7	41.1	44.2				
24S 33W 09CCD 01	QU	2865.	355	11		62.2	66.4	69.0	75.1	72.7	66.7	56.9
24S 33W 09CCD 02		2865.				35.9	36.4	37.2	37.7	36.2	27.5	16.5
24S 33W 09CCD 03	KD	2865.					64.7	66.4	72.6	71.4	71.3	62.0
24S 33W 18BDB 02		2878.	338	8			51.9	54.2		93.0	94.2	67.4
24S 33W 19DBB 02		2927.	447	57			101.8	114.6	113.8	134.3	134.6	114.5
24S 33W 22BCC 01		2888.		38			77.8	82.2	83.6	82.3	80.9	73.7
24S 33W 22DCA 01	QU,TC	2905.	405	71		106.8	112.3	114.3	117.7	116.4	117.6	
24S 33W 28DAA 01	QU,TC	2886.	386	34		89.6	94.1	99.7	98.7	98.6	103.8	99.7
24S 33W 34CAC 01	QU,TC	2910.	435	60		114.7	116.8	119.0	120.8	121.4	127.9	126.2
24S 34W 01BCBB01	QU,TC	2894.	316	12	24.7	79.5	81.6	83.4	88.8	81.6	76.7	65.6
25S 31W 21CAB 01	QU	2768.	228	27	20.4	33.5	34.9	36.6	37.9			
25S 31W 35DBA 01	QU	2801.	256	52	49.9		67.7	70.3		72.5		77.0
25S 32W 22DBC 01	QU,TC	2865.	373	65	62.0			89.8	91.3	92.2	95.8	98.7
25S 32W 35ADB 01	QU,TC	2857.	417	67	68.0	86.6	89.4	91.8	94.2	94.0	97.1	100.0
25S 33W 03BCC 01		2902.		47		52.3	51.6	53.3		51.6	52.4	
25S 33W 05ABD 01	QU,TC	2920.	510	52		100.4	104.2	107.8	108.9	113.3	121.3	121.3
25S 33W 09ABD 01	QU,TC	2909.	514	50		101.2	105.1	107.8	108.9	109.6	118.1	118.4
25S 33W 15DAC 01	QU,TC	2915.	535	71		121.5	125.1	127.5	129.1	129.3	137.2	138.7
25S 33W 16DCC 01		2920.		62		88.4	88.5	89.0	88.8	87.7	89.4	90.1
25S 33W 17DBD 01	QU,TC	2940.	530	78		119.2	123.2	124.3	126.1	126.9	134.1	135.1
25S 33W 33CDA 01		2915.	460	65							113.6	117.6
25S 33W 35CBD 01	QU,TC	2894.	474	63		93.1	96.5	98.6	100.4		105.9	109.5
25S 34W 06AAA 01	QU,TC	2972.	397	52		92.3	96.1	99.9	101.3	102.3	107.2	109.3
25S 34W 10ABB 01	QU,TC	2962.	412	62		83.6	84.8	86.9	88.3	93.3	98.0	95.3
25S 34W 34DBD 01	QU,TC	2945.	440	65	70.0	94.9	99.2	103.9	107.1	108.8	114.7	117.4
26S 31W 01DDA 01	QU,TC	2811.	301	75	74.0	92.0	94.1	96.1	97.6	99.3	101.9	104.7
26S 31W 06BBBB01	QU,TC	2832.	327	55	55.6	75.3	78.5	80.8	91.2	82.4	85.3	89.0
26S 31W 31CDC 01	QU,TC	2841.	496	83	86.1	121.0	126.4	126.9	127.8	128.6	132.0	135.1
26S 31W 34CAB 01	QU,TC	2817.	332	82	80.3	110.0	113.3	116.6	117.9	120.1	123.1	126.0
26S 32W 22ABB 01	QU,TC	2899.	564	113	115.6	137.4	140.1	141.6	142.8	143.3	145.7	147.3
26S 33W 17DBD 01		2900.	520	90			95.3	98.7	101.7	104.1	107.6	111.0
26S 33W 26ABB 01	QU,TC	2929.	554	113	118.3	143.7	150.8	150.5	152.6	154.9	159.4	162.4
26S 34W 05ADC 01		2960.		72			101.0	105.5	102.4	110.9	116.4	114.7
26S 34W 21BBD 01		2955.		77			112.3	117.3	121.3	122.4	126.2	130.2
26S 34W 30BD 01	QU	3005.	455	115	132.6	149.4	157.3	161.8	166.3	169.4	173.5	177.7

TABLE 1.-- SELECTED HYDROLOGIC DATA, FINNEY COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1936 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
21S 29W 36CCB 01	QA									
21S 30W 05BBB 01	QU,TO	36.7	-2	-8.1	0.8		-0.4	43	41	-5
21S 31W 08ABB 01	QU,TO									
21S 31W 26CCC 01	QU,TO	73.9	1		-.1					
21S 32W 09ABD 01	QU	100.6	-65	-59.3	-.3	-1.4	-3.0	114	49	-57
21S 32W 20CBD 01	QU,TO	98.4	-67	-53.3	-.8	-1.5	-2.7	169	102	-40
21S 32W 26DAA 01	QU,TO	105.7	-10	-6.8	1.3	-.2	-.3	75	65	-13
21S 33W 07DDAA01	QU	79.2	-46	-30.9	-2.0	-1.0	-1.5	62	16	-74
21S 33W 29BBC 01		79.7	-64		-.6	-1.4		90	26	-71
21S 34W 14DBB 01	KN	101.7	-46	-32.7	1.9	-1.0	-1.6	41	5	-112
21S 34W 16AADA02	QU,TO	93.2	-13	2.2	-.4	-.3	.1	40	27	-33
22S 27W 14ADC 01	KJ	181.4			-2.0					
22S 31W 08CCC 01		98.2	-17		1.5	-.4		90	73	-19
22S 31W 16ADD 01	QU,TO	105.5	-22	-20.0	-.6	-.5	-1.0	97	76	-22
22S 31W 29DCC 01		105.5	-21		2.7	-.5				
22S 32W 08ACB 01	QU,TO	87.5	-55	-47.5	-1.6	-1.2	-2.4	191	137	-28
22S 32W 21CDC 01	QU,TO	123.8	-66	-57.3	-.6	-1.4	-2.9	140	74	-47
22S 33W 22BAA 01	QU,TO	105.8	-66	-58.6	-7.2	-1.4	-2.9	150	84	-44
22S 33W 36AAA 02	QU,TO	62.9	-49	-41.3	3.8	-1.1	-2.1	186	137	-26
22S 34W 06BCB 01	KN	132.8	-46	-23.9	.6	-1.0	-1.2	45	1	-102
22S 34W 10AAA 01	QU,TO	110.7	-68	-51.5	1.3	-1.5	-2.6	110	42	-62
22S 34W 18CDD 01		147.9	-81		.4	-1.8		167	86	-49
22S 34W 26CCC 01		165.4								
23S 27W 12CCC 01	QU,TO	60.6	-2	1.9	0.0		.1	13	11	-15
23S 27W 22DAB 01	QU,TO	80.5	2		5.5					
23S 28W 22DCD 01	QU,TO	75.0	-1		0.0					
23S 28W 34DDC 01	QU,TO	92.5	-17		-.5	-.4				
23S 29W 30BBB 01	QU,TO	78.5	-4		-.3	-.1				
23S 29W 34CDD 01	TO	90.3	-6	-6.3	-.1	-.1	-.3	63	57	-10
23S 30W 04CAC 01	QU,TO	67.6	-3		-.1	-.1				
23S 30W 19CCB 01	QU,TO	87.4	2	-5.2	-.5		-.3	53	55	4
23S 31W 03DCD 01	QU,TO	107.3	-35	-24.3	-1.6	-.8	-1.2	95	60	-37
23S 31W 17ABA 01		107.3	-17		-1.0	-.4		120	103	-14
23S 31W 35CCC 01	QU,TO	114.6	-20	-17.2	-.9	-.4	-.9	105	85	-19
23S 32W 11ADC 01	QU,TO	147.9	-31	-25.2	-1.2	-.7	-1.3	125	94	-25
23S 32W 31CBD 01	QU,TO									
23S 33W 17BBB 01	QU,TO	144.8	-119	-84.5	5.8	-2.6	-4.2	314	195	-38
23S 33W 26ABB 01	QU,TO	105.6	-44	-55.2	9.1	-1.4	-2.8	295	221	-22
23S 33W 28CDC 01	QU,TO	139.6	-64	-69.4	8.9	-1.4	-2.4	293	229	-22
23S 34W 17CCC 01	QU,TO	133.3	-92	-69.2	14.9	-2.0	-3.4	303	211	-30

TABLE 1.-- SELECTED HYDROLOGIC DATA, FINNEY COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
23S 34W 21DDC 01	QU,TO	129.6	-89	-58.2	12.1	-1.9	-2.9	315	226	-28
24S 31W 27CCB 01	QU,TO	130.0	-16	-10.4	1.0	-.3	-.5	181	165	-9
24S 32W 03DAC 01	QU,TO	110.0	-40	-29.1	-.3	-.9	-1.5	229	189	-17
24S 32W 35DD 01	QU,TO									
24S 33W 09CCD 01	QU	56.9	-46		9.8	-1.0		344	298	-13
24S 33W 09CCD 02		16.5			11.0					
24S 33W 09CCD 03	KD	62.0			9.3					
24S 33W 18DDB 02		67.4	-59		26.8	-1.3		330	271	-18
24S 33W 19DBB 02		114.3	-57		20.3	-1.2		390	333	-15
24S 33W 22BCC 01		73.7	-36		7.2	-.8				
24S 33W 22DCA 01	QU,TO									
24S 33W 29DAA 01	QU,TO	99.7	-66		4.1	-1.4		352	286	-19
24S 33W 34CAC 01	QU,TO	126.2	-65		1.7	-1.4		375	309	-18
24S 34W 01BCBB01	QU,TO	65.6	-54	-40.9	11.1	-1.2	-2.0	304	250	-18
25S 31W 21CAB 01	QU									
25S 31W 35DBA 01	QU	77.0	-25	-27.0		-.5	-1.4	204	179	-12
25S 32W 22D8C 01	QU,TO	98.7	-34	-36.7	-2.9	-.7	-1.8	308	274	-11
25S 32W 35ADB 01	QU,TO	100.0	-33	-32.0	-2.9	-.7	-1.6	350	317	-9
25S 33W 03BCC 01										
25S 33W 05ABD 01	QU,TO	121.3	-69		0.0	-1.5		458	389	-15
25S 33W 09APD 01	QU,TO	118.4	-68		-.3	-1.5		464	396	-15
25S 33W 15DAC 01	QU,TO	138.7	-68		-1.5	-1.5		464	396	-15
25S 33W 16DCC 01		90.1	-28		-.7	-.6				
25S 33W 17D8D 01	QU,TO	135.1	-57		-1.0	-1.2		452	395	-13
25S 33W 33CDA 01		117.6	-53		-4.0	-1.2		395	342	-13
25S 33W 35DBD 01	QU,TO	109.5	-47		-3.6	-1.0		411	365	-11
25S 34W 06AAA 01	QU,TO	109.3	-57		-2.1	-1.2		345	288	-17
25S 34W 10ABB 01	QU,TO	95.3	-33		2.7	-.7		350	317	-9
25S 34W 34D8D 01	QU,TO	117.4	-52	-47.4	-2.7	-1.1	-2.4	375	323	-14
26S 31W 01DDA 01	QU,TO	104.7	-30	-30.6	-2.8	-.7	-1.5	226	196	-13
26S 31W 06BBB01	QU,TO	88.0	-33	-32.4	-2.7	-.7	-1.6	272	239	-12
26S 31W 31CDC 01	QU,TO	135.1	-52	-48.9	-3.1	-1.1	-2.4	413	361	-13
26S 31W 36CAB 01	QU,TO	126.0	-44	-45.7	-2.9	-1.0	-2.3	250	206	-18
26S 32W 22ABB 01	QU,TO	147.3	-34	-31.7	-1.6	-.7	-1.6	451	417	-8
26S 33W 17D8D 01		111.0	-51		-3.4	-1.1		440	409	-11
26S 33W 26ABB 01	QU,TO	162.4	-49	-44.1	-3.0	-1.1	-2.2	441	392	-11
26S 34W 05ADC 01		114.7	-43		1.7	-.9				
26S 34W 21B8D 01		130.2	-53		-4.0	-1.2				
26S 34W 30BD 01	QU	177.7	-63	-45.1	-5.2	-1.4	-2.3	340	277	-19



WATER–LEVEL CHANGE IN FINNEY COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, FORE 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
25S 22W 20AAA 01	TO	2437.		65	62.6	61.5	61.2	61.0	64.2	60.7	60.5	60.4
25S 22W 27CCD 01	KD	2432.				118.9		113.9	121.3	123.1	127.7	119.9
25S 23W 11CCC 01	KD	2424.				76.6	67.5	82.0	76.6	86.6	88.2	78.6
25S 23W 12BBB 01	KD	2390.				155.5	153.5	149.2	153.4	152.6	160.1	152.7
25S 23W 14ADD 01	KD	2452.				212.8	207.6	207.7	213.3	208.8		217.2
25S 25W 32CDD 01	QU/KD	2607.						181.5	193.7	186.9	189.0	136.7
25S 25W 32DAD 01		2593.									73.6	73.8
25S 26W 25CDD 01	TO	2623.	187	79		75.8	76.1	76.0	76.3	76.3		77.0
25S 26W 30A5C 01	TO	2679.	225	104		110.4	110.7	110.3	110.9		111.5	111.1
26S 21W 17D9C 01	KD	2349.				59.7	59.1	57.9	60.4	60.8	61.5	60.7
26S 21W 23ADA 01	QA	2262.		6	7.3	7.9	8.3	8.0	7.5	8.7	8.7	8.2
26S 21W 25CCC 01		2270.									7.2	6.3
26S 22W 21DCD 01		2377.						40.7	54.2		44.1	40.6
26S 23W 02ABB 01		2451.									78.3	79.5
26S 23W 10DAD 01	KD	2463.					176.8	180.8	177.2	178.8	183.2	177.5
26S 24W 29DDD 01	TO	2575.		130		139.5	133.5	133.1	132.2	134.7	138.4	137.3
26S 24W 31DDA 01	TO	2463.		11			16.8	16.9	17.4	14.9	17.1	17.0
26S 24W 32CBA 01	TO	2468.		20		22.8	23.8	23.4	23.2	22.4	24.5	24.1
26S 24W 33CDA 01	TO	2466.		26		31.5		28.9	28.3	30.3	32.1	31.2
26S 25W 16DCC 01		2619.					139.5			140.9	143.2	
26S 26W 18CCB 01		2558.						9.4	9.9	9.6	9.6	9.4
26S 26W 32DCC 01		2616.		74		78.5		71.1		84.1	85.3	86.3
26S 26W 36DCC 01	TO	2543.	168	31		36.4	37.0	38.4	38.5	39.0	41.5	42.3
27S 21W 10Dbb 01		2291.									7.6	7.0
27S 22W 09DAB 01		2418.						52.6	55.7	55.9	58.3	
27S 23W 24BCB 01	KD	2395.				21.5	21.7	23.3	32.6	30.3	48.1	41.1
27S 23W 28AAA 01		2421.					25.9	26.6	30.2	29.5	37.7	37.3
27S 23W 36CCC 01	TO	2428.	147	46		43.1	43.0	44.4	45.3	44.0		45.4
27S 24W 03B6D 01	TO	2455.		19		30.1	27.5	27.0	25.2	24.3	24.3	24.5
27S 24W 03C0D 01	TO					11.5	13.2	11.5	10.0	11.7	10.9	12.0
27S 24W 04BBC 01	TO	2453.		11		14.8	16.1	16.9	13.7	13.5	15.0	15.1
27S 24W 09AAD 01	TO	2449.		19		19.2	20.6	19.2	18.6	19.3	19.8	20.6
27S 24W 16BDB 01		2515.				72.5	75.5	75.5	75.6	74.5	74.9	76.1
27S 24W 26DAA 01	TO	2512.	191	79		87.6	87.7	88.2	88.8	89.5	90.1	90.7
27S 25W 09ACA 01		2546.					63.2	64.9	62.9	65.4		68.6
27S 25W 25BBB 01		2574.					113.5	114.4	114.5	114.2	115.8	116.4
27S 26W 21DAA 01	TO	2695.	199	160		164.4	168.1	166.9	168.6			
28S 21W 10DDD 01		2349.	99	41		40.9	41.1	41.3	42.9	42.9	43.7	42.9
28S 21W 23DBC 01	TO					72.6	74.0	74.0	75.5	76.0	77.0	
28S 21W 25ABB 01		2365.	149				70.5	70.3	71.3	71.4	72.3	71.1

TABLE 1.-- SELECTED HYDROLOGIC DATA, FORD COUNTY -- CONTINUED

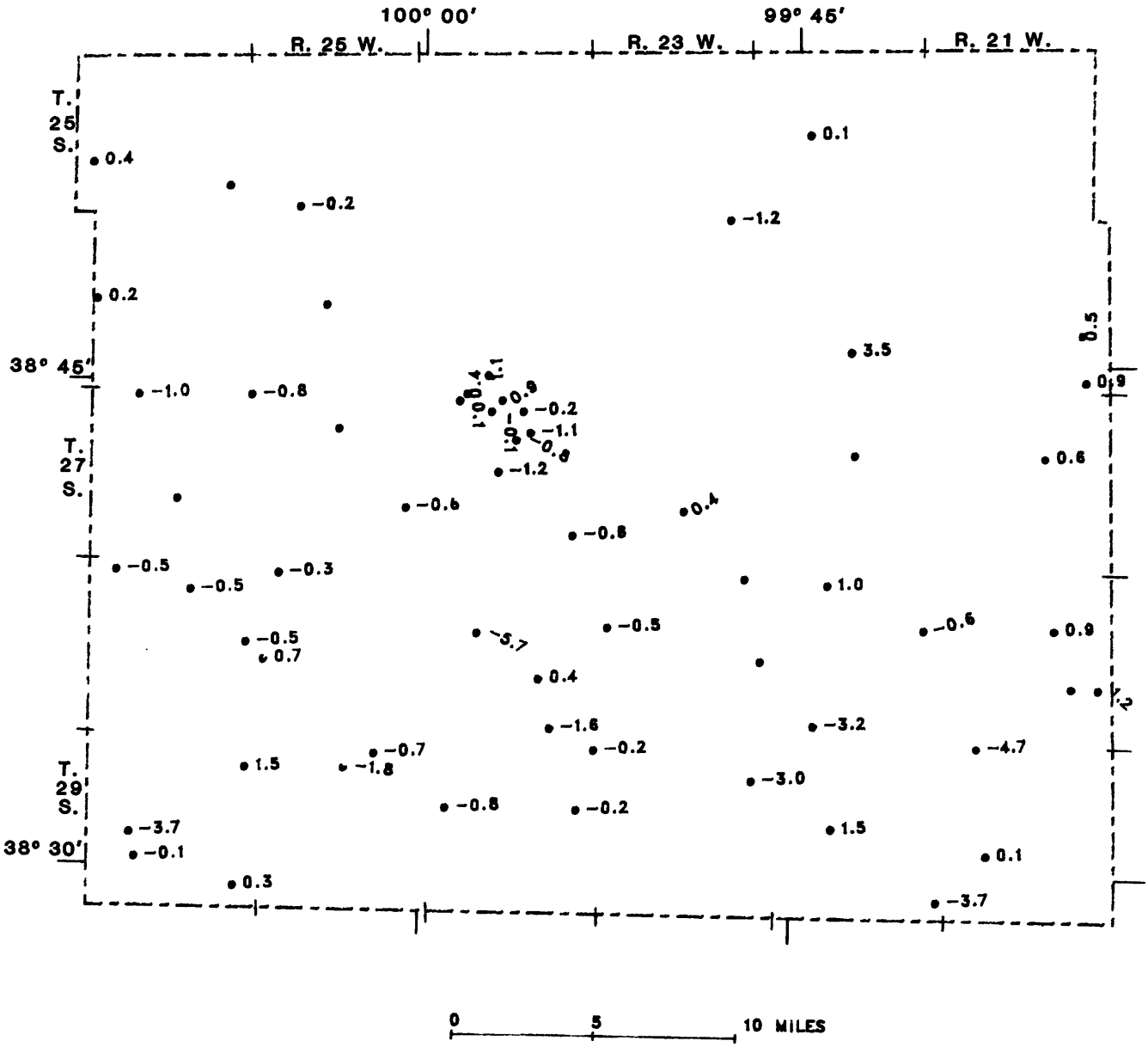
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
26S 22W 05ADD 01		2370.					17.3	18.5	18.6		18.4	17.4
23S 22W 12CAC 01	TO	2405.	82	66		58.4	58.9	63.9	60.0	60.4	60.9	61.5
28S 22W 32BAB 01	TO	2485.	161	121		121.9		122.1	122.5	122.6	123.9	127.1
28S 23W 18BAB 01		2547.	239				133.4	134.4	134.8	134.3	136.0	136.5
29S 23W 24ABB 01		2465.					93.2		94.0	94.1	94.5	
28S 24W 09DCC 01		2578.		133		135.4	137.0	137.8	138.4	138.1	139.5	145.2
29S 24W 22CDA 01		2500.							103.8	104.1	104.9	104.4
28S 24W 35CAB 01		2528.	450				99.1		100.5		101.3	102.9
29S 25W 06ABB 01		2643.		144		144.3	147.1	145.9	147.3	147.9	148.9	149.2
28S 25W 19BBB 01	TO	2635.	265	133		140.0	140.0	140.9	142.4	142.8	143.6	142.9
28S 26W 06ABB 01											162.0	162.5
26S 26W 10BAA 01		2608.	192								98.0	98.5
29S 26W 13CAA 01						133.7	136.2	135.0	136.6	137.1	137.7	138.2
29S 21W 05BBB 01	TO	2418.		98	96.6	97.9	98.0	99.6	99.4	99.6	100.1	104.3
29S 21W 20CAD 01		2445.					132.3	134.2	134.1	134.1	134.3	134.2
29S 22W 17DAD 01	TO	2475.	240	119		125.9	127.5	126.9	129.3	129.1	129.9	128.4
29S 22W 36ACA 01		2445.	242				133.6	134.1	134.5	134.5	135.2	138.9
29S 23W 12BAC 01		2447.					177.4		178.4		179.0	182.4
29S 24W 01ABA 01	TO	2560.	220	140		140.3	141.4	142.0	142.4	142.3	143.3	143.5
29S 24W 13BCA 01		2530.	212				112.3	112.7	113.0	113.0	113.5	113.7
29S 24W 19BAA 01	TO	2610.	210	149		157.5	157.2	157.1	157.4	157.3	156.8	157.6
29S 25W 03ADA 01	TO	2630.	220	152		176.4	177.1		181.3	179.3	176.4	177.1
29S 25W 10BBBC01		2617.		139		153.0	157.6	152.3	154.7	154.9	155.9	157.7
29S 26W 01CDD 01	TO	2587.	163	78		91.6	91.9	91.6	92.3	91.0	93.4	91.9
29S 26W 20BDD 01		2575.	164								99.9	103.6
29S 26W 29ABB 01		2558.					83.8				94.2	94.3
29S 26W 30BBB 01	TO	2532.	212	26		22.0	22.3	22.7	24.9	23.5	23.9	23.6

TABLE 1.-- SELECTED HYDROLOGIC DATA, FORD COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
25S 22W 20AAA 01	TO	60.4	6	2.3	0.1	0.1	0.1			
25S 22W 27CCD 01	KD	119.8			7.9					
25S 23W 11CCC 01	KD	78.6			9.6					
25S 23W 12BBB 01	KD	152.7			7.4					
25S 23W 14ADD 01	KD	217.2								
25S 25W 32CDD 01	QU,KD	186.7			2.3					
25S 25W 32DAD 01		73.8			-.2					
25S 26W 25CDD 01	TO	77.0	2					108	110	2
25S 26W 30ABC 01	TO	111.1	-7		.4	-.2		121	114	-6
26S 21W 17DBC 01	KD	60.7			.8					
26S 21W 23ADA 01	QA	8.2	-2	-.9	.5					
26S 21W 25CCC 01		6.3			.9					
26S 22W 21DCD 01		40.6			3.5					
26S 23W 02ABB 01		79.5			-1.2					
26S 23W 10DAD 01	KD	177.8			5.4					
26S 24W 29DDD 01	TO	137.3	-7		1.1	-.2				
26S 24W 31DDA 01	TO	17.0	-6		.1	-.1				
26S 24W 32CBA 01	TO	24.1	-4		.4	-.1				
26S 24W 33CDA 01	TO	31.2	-5		.9	-.1				
26S 25W 16DCC 01										
26S 26W 18CCB 01		9.4			.2					
26S 26W 32DCC 01		86.3	-12		-1.0	-.3				
26S 26W 36DCC 01	TO	42.3	-11		-.8	-.2		137	126	-8
27S 21W 10DBB 01		7.0			.6					
27S 22W 09DAB 01										
27S 23W 24BCB 01	KD	41.1			7.0					
27S 23W 29AAA 01		37.3			.4					
27S 23W 36CCC 01	TO	45.4	1					101	102	1
27S 24W 03BBB 01	TO	24.5	-6		-.2	-.1				
27S 24W 03CDD 01	TO	12.0			-1.1					
27S 24W 04BBC 01	TO	15.1	-4		-.1	-.1				
27S 24W 09AAD 01	TO	20.6	-11		-.8	-.2				
27S 24W 16BDB 01		76.1			-1.2					
27S 24W 26DAA 01	TO	90.7	-12		-.6	-.3		112	100	-11
27S 25W 09ACA 01		68.6								
27S 25W 25BBB 01		116.4			-.6					
27S 26W 21DAA 01	TO									
28S 21W 10DDD 01		42.8	-2		.9			48	46	-4
28S 21W 23DBC 01	TO									
28S 21W 25ABB 01		71.1			1.2				78	

TABLE 1.-- SELECTED HYDROLOGIC DATA, FORD COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
28S 22W 05ADD 01		17.4			1.0					
28S 22W 12CAC 01	TO	61.5	5		-.6	0.1		16	21	31
28S 22W 32BAB 01	TO	127.1	-6		-3.2	-.1		40	34	-15
28S 23W 18BAB 01		136.5			-.5				103	
28S 23W 24ABB 01										
28S 24W 08DCC 01		145.2	-12		-5.7	-.3				
28S 24W 22CDA 01		104.4			.4					
28S 24W 35CAB 01		102.9			-1.6				347	
28S 25W 06ABB 01		149.2	-5		-.3	-.1				
28S 25W 19BBB 01	TO	142.9	-10		.7	-.2		132	122	-8
28S 26W 06ABB 01	TO	162.5			-.5					
28S 26W 10BAA 01		98.5			-.5				94	
28S 26W 13CAA 01		138.2			-.5					
29S 21W 05BBB 01	TO	104.8	-7	-8.2	-4.7	-.2	-0.4			
29S 21W 20CAD 01		134.2			.1					
29S 22W 17DAD 01	TO	128.4	-9		1.5	-.2		121	112	-7
29S 22W 36ACA 01		138.9			-3.7				103	
29S 23W 12BAC 01		132.4			-3.0					
29S 24W 01ABA 01	TO	143.5	-4		-.2	-.1		80	77	-4
29S 24W 13BCA 01		113.7			-.2				98	
29S 24W 19BAA 01	TO	157.6	-9		-.8	-.2		61	52	-15
29S 25W 03ADA 01	TO	177.1	-25		-.7	-.5		68	43	-37
29S 25W 10BBBC01		157.7	-19		-1.8	-.4				
29S 26W 01CDD 01	TO	91.9	-14		1.5	-.3		85	71	-16
29S 26W 20BDD 01		103.6			-3.7				60	
29S 26W 29APB 01		84.3			-.1					
29S 26W 36BBB 01	TO	23.6	2		.3			186	188	1



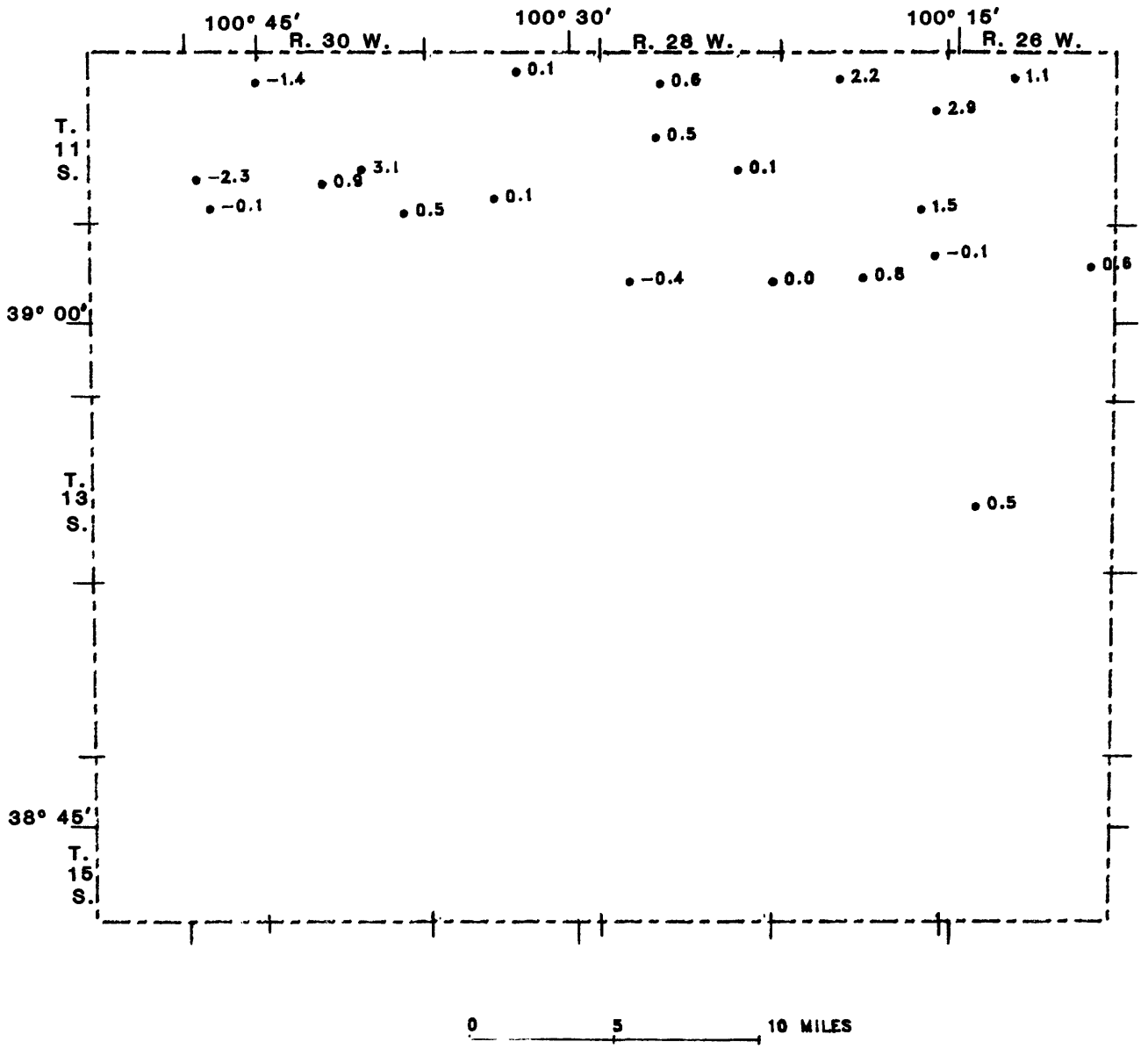
WATER–LEVEL CHANGE IN FORD COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
11S 24W 04CDC 01	TO	2583.	190	62	60.0	64.1	63.1	65.7	62.8	64.7	63.6	62.5
11S 27W 04CCD 01	TO	2708.						97.3	96.3	96.5	93.7	91.5
11S 27W 13ABB 01		2671.									118.3	115.4
11S 27W 36BCC 01	TO	2676.	140	71		77.8	77.2	78.1	77.6	78.2	77.3	75.8
11S 28W 08AAA 01		2797.									116.8	116.2
11S 28W 17DDC 01	TO	2784.									95.9	95.4
11S 28W 26ABA 01		2749.									92.0	91.9
11S 29W 04DAD 01	TO	2844.	170	109		111.9	113.5	112.9	112.9	113.4	113.0	112.9
11S 29W 33BBA 01		2857.									104.9	104.8
11S 30W 27ABB 01	TO	2922.	165	117		128.1	130.3	130.5	129.8	131.8	132.2	129.1
11S 30W 28CBA 01		2925.									125.0	124.1
11S 30W 36CBB 01		2885.									106.9	106.4
11S 31W 12AAB 01	TO	2959.									103.6	105.0
11S 31W 27ADC 01		2913.									49.5	51.8
11S 31W 35BDC 01		2951.									97.3	97.4
12S 26W 12BCC 01	TO	2573.									38.8	38.2
12S 27W 10CCB 01		2700.									78.7	77.9
12S 27W 12ABB 01	TO	2636.									50.4	50.5
12S 28W 07DDD 01		2742.									48.4	48.8
12S 29W 12DDD 01	TO	2741.									94.4	94.4
13S 26W 20CBC 01	QA	2432.	43		11.1	13.1	13.8	14.8	10.6	16.5	16.3	15.8

TABLE 1.-- SELECTED HYDROLOGIC DATA, GOVE COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
11S 26W 04CDC 01	TO	62.5	-1	-2.5	1.1		-0.1	128	128	
11S 27W 04CCD 01	TO	91.5			2.2					
11S 27W 13ABB 01		115.4			2.9					
11S 27W 36BCC 01	TO	75.8	-5		1.5	-0.1		69	64	-7
11S 28W 03AAA 01		116.2			.6					
11S 28W 17DDC 01	TO	95.4			.5					
11S 28W 26ABA 01		91.9			.1					
11S 29W 04DAD 01	TO	112.9	-4		.1	-.1		61	57	-7
11S 29W 33BBA 01		104.8			.1					
11S 30W 27ABB 01	TO	129.1	-12		3.1	-.3		48	36	-25
11S 30W 28CBA 01		124.1			.9					
11S 30W 36CBB 01		106.4			.5					
11S 31W 12AAB 01	TO	105.0			-1.4					
11S 31W 27ADC 01		51.8			-2.3					
11S 31W 35BDC 01		97.4			-.1					
12S 26W 12BCC 01	TO	38.2			.6					
12S 27W 10CCB 01		77.9			.8					
12S 27W 12ABB 01	TO	50.5			-.1					
12S 29W 07DDD 01		48.8			-.4					
12S 28W 12DDD 01	TO	94.4			0.0					
13S 26W 20CBC 01	QA	15.8		-4.6	.5		-.2		27	



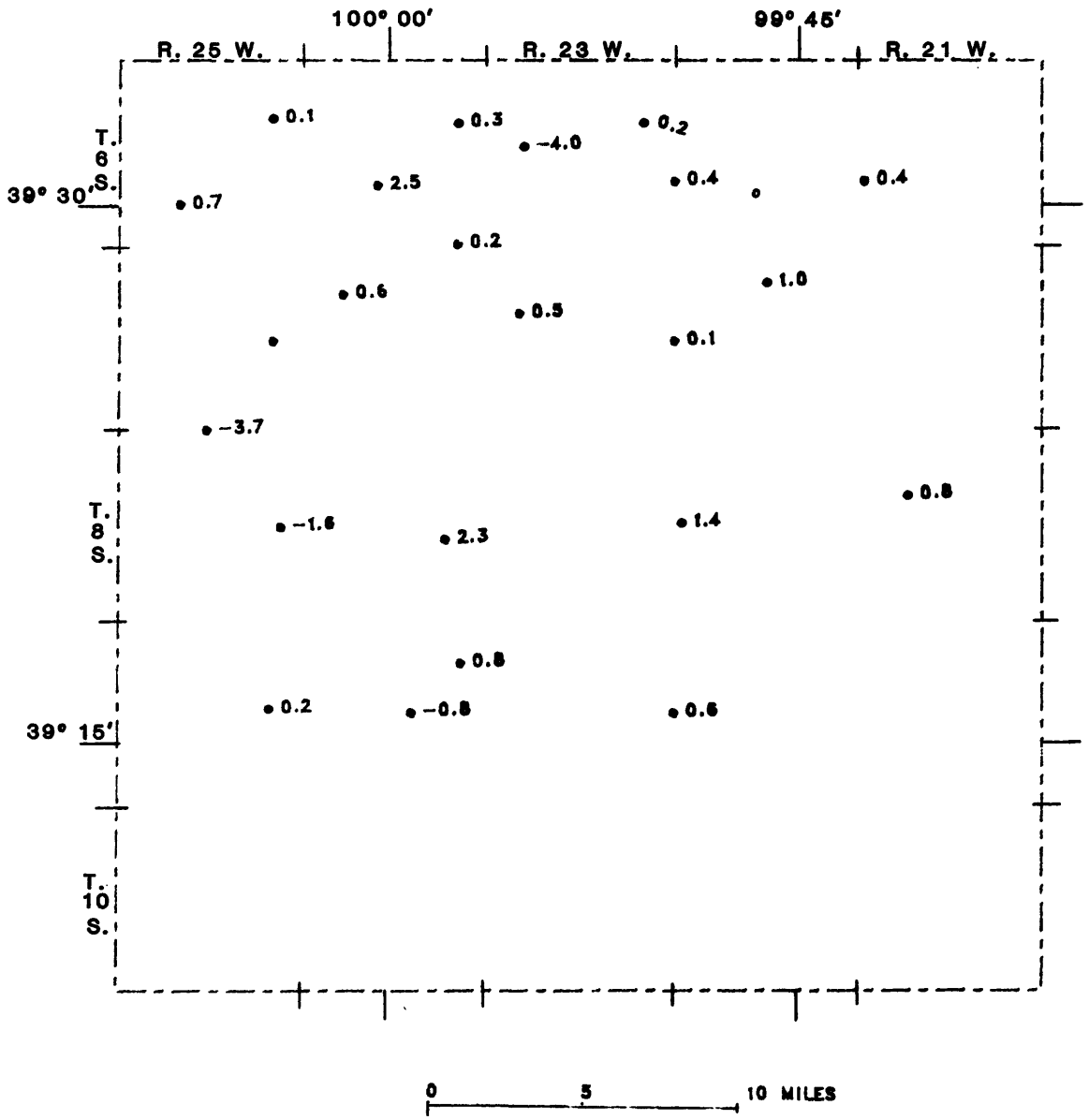
WATER–LEVEL CHANGE IN GOVE COUNTY, 1985–86

TABLE 1.-- SELECTED HYDRCLOGIC DATA, GRAHAM 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
06S 21W 19CDC 01	TO	2305.	135			102.5	102.2	102.0	100.2		100.9	100.5
06S 22W 19CCC 01	TO	2295.	198			106.7	108.5	108.7	108.6	108.6	109.0	108.6
06S 22W 29ACA 01	TO	2360.	180			120.2	114.3	114.1	113.5	117.1		121.0
06S 23W 13BBB 01	TO	2340.	183	55		55.5	57.9	58.2	58.0	58.1	57.7	57.5
06S 23W 17CCA 01		2406.									70.0	74.0
06S 24W 14AAA 01		2527.									116.8	116.5
06S 24W 28BAB 01	TO	2478.		96			99.2	100.0	101.3		103.7	101.2
06S 24W 35DDD 01	TO	2492.		142		145.5	146.6	144.3	144.0	148.0	146.9	146.7
06S 25W 12CCC 01	TO	2538.	224	135		137.7			141.4	144.9	142.1	142.0
06S 25W 28CBC 01	TO	2540.	180	109	102.7	117.1	107.3	107.0	106.7	109.1	113.2	112.5
07S 22W 10BBC 01	TO	2217.	72	6		9.5	8.8	9.2	8.8	9.0	9.4	8.4
07S 22W 19BBB 01	TO	2295.	63	39		38.6	38.9	39.4	39.2	39.4	37.6	37.5
07S 23W 17BBC 01		2430.									103.5	103.3
07S 24W 03CBA 01	TO	2519.	244	126		128.5	126.5	126.9	126.3	128.4	127.8	127.2
07S 25W 24BBB 01	TO	2495.	210	85		87.7	86.2	86.7	86.9			87.7
07S 25W 33DDD 01		2502.									104.1	107.8
08S 21W 17ABB 01	QA	2035.						25.0		26.3	24.6	23.3
08S 22W 18CDC 01	QA							9.1		10.5	9.8	8.4
08S 24W 23ACC 01	QA							34.7		34.1	35.7	33.4
08S 25W 24BAB 01		2302.									29.0	30.6
09S 22W 19BBB 01	TO	2416.	134	95		94.7	95.7	96.1	96.6	96.2	96.4	95.8
09S 24W 12BCC 01		2461.									100.8	100.0
09S 24W 22BAA 01	TO	2491.	110	94		96.8	93.9	94.0	93.0	93.9	93.7	94.5
09S 25W 14DDD 01	TO	2534.	134	90		92.2	91.4	91.6	91.6	91.9	92.2	92.0

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRAHAM COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
06S 21W 19CDC 01	TO	100.5			0.4				35	
06S 22W 19CCC 01	TO	108.6			.4				89	
06S 22W 29ACA 01	TO	121.0							59	
06S 23W 13BBB 01	TO	57.5	-3		.2	-0.1		128	124	-2
06S 23W 17CCA 01		74.0			-4.0					
06S 24W 14AAA 01		116.5			.3					
06S 24W 29BAB 01	TO	101.2	-5		2.5	-.1				
06S 24W 35DDD 01	TO	146.7	-5		.2	-.1				
06S 25W 12CCC 01	TO	142.0	-7		.1	-.2		89	82	-8
06S 25W 28C8C 01	TO	112.5	-4	-9.8	.7	-.1	-0.5	71	68	-4
07S 22W 10B8C 01	TO	8.4	-2		1.0	-.1		66	64	-3
07S 22W 19BBB 01	TO	37.5	2		.1	.1		24	26	8
07S 23W 17B8C 01		103.3			.3					
07S 24W 08CBA 01	TO	127.2	-1		.6			118	117	-1
07S 25W 24BB5 01	TO	87.7	-3			-.1		125	122	-2
07S 25W 33DDD 01		107.8			-3.7					
08S 21W 17ABB 01	QA	23.8			.8					
08S 22W 13CDC 01	QA	8.4			1.4					
08S 24W 23ACC 01	QA	33.4			2.3					
08S 25W 24BAE 01		30.6			-1.6					
09S 22W 19BBB 01	TO	95.8	-1		.6			39	38	-3
09S 24W 12BCC 01		100.0			.8					
09S 24W 22BAA 01	TO	94.5	-1		-.8			16	16	
09S 25W 14DDD 01	TO	92.0	-2		.2	-.1		44	42	-5



WATER–LEVEL CHANGE IN GRAHAM COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRANT 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
27S 35W 17ADD 01	QU,TC	3036.	462	175	135.7	220.5	234.0	227.6	231.8	233.7	237.1	242.6
27S 35W 25BDC 01		3046.						216.3	218.7	220.6	223.4	
27S 36W 18DCB 01	QU,TC	3065.	395	104	116.5	170.1	179.8	182.5	176.1	180.0	184.0	190.0
27S 36W 21DCC 01	QU,TC	3132.		199				265.6			270.3	275.8
27S 36W 25CC 01	QU,TC	3133.	438	216	253.6	295.7		290.3	296.7	299.7	311.0	
27S 37W 04ABB 01	QU,TC	3080.	316	70	86.4	150.4		157.0	159.0	164.9	163.0	168.9
27S 37W 11ABA 01	QU,TC	3093.	368	107	131.4	186.7	191.5	189.2	198.3	193.3	192.5	198.1
27S 37W 16AAD 01		3054.	324	54							233.1	228.9
27S 37W 21BDD 01		3058.		58				192.1	192.3	192.0	195.2	196.3
27S 38W 12ADC 01	QU,TC	3076.	280	34	65.5	179.8	183.2	182.2	187.1	186.6	189.7	189.0
27S 39W 15BBB 01	KJ	3148.			132.9	168.5	167.4	172.0	176.3	176.9	173.3	171.3
27S 39W 22CBB 01	QU,TC	3110.	340	49	76.8	172.1	167.7	169.3	166.9	165.9	165.6	163.8
27S 38W 23CB 01	QU,TC	3105.	335	50	98.2	155.6		155.8	152.9	154.0	160.6	163.2
28S 35W 03DBB 01		3079.									276.6	274.6
28S 35W 05BCC 01	QU,TC	3117.	457	237	253.2			307.5	309.1	309.7	312.9	
28S 35W 15CBB 01	QU,TC	3064.	509	213	250.7	292.9		281.1	285.8	284.8	288.5	292.1
28S 35W 36ABC 01	QU,TC	3032.	572	222	236.4	292.7		300.6	303.1	305.1	307.4	312.3
28S 36W 02CDD 02	QU,TC,KJ	3111.			241.6	266.9	268.3	267.6	272.4	288.3	292.3	296.0
28S 36W 18ABC 01		3050.	345	95							223.8	228.7
28S 36W 21CDD 01	QU,TC	3066.	430	158	193.8	258.7		269.8	263.6	276.1	278.0	278.4
28S 37W 02BBB 04							236.9				240.0	247.3
28S 37W 10BCD 02	QU,TC	3057.	350	49	100.7		199.0	203.3	204.6	208.8	202.6	204.8
28S 38W 07BBB 01	QU,TC	3134.	409	56	112.4	215.2	215.7	226.5	217.3	218.3	224.8	
28S 38W 12DDD 01	QU,TC	3060.	365	40	78.6	165.6	180.8	175.6	169.2	172.4	181.5	186.1
28S 38W 17AAA 01	QU,TC	3112.	422	41	118.1	205.5	210.8	205.6	204.7	200.2	206.3	209.1
28S 38W 33BDB 01								222.4	208.4	197.7	205.2	209.7
29S 35W 07CBD 01	QU,TC	3036.	441	168		271.1	262.5		275.8	275.4	275.1	277.4
29S 35W 24BAA 01	TC	3037.	562	239							326.0	325.4
29S 35W 28ACC 01	QU,TC	2975.	500	147	135.4	231.7	236.9	236.6	239.2	244.1	248.9	254.3
29S 36W 19BCB 01	QU,TC	2995.	405	44	118.0	179.5	187.0	193.4	190.0	192.9	203.1	204.8
29S 36W 33ADB 01		3011.	466	91							226.9	227.0
29S 37W 03CDB 01	QU,TC	3051.	421	71	133.0	207.2		229.4	218.1	222.8	220.0	230.3
29S 37W 08CBA 01	QU,TC	3065.	430	46	114.5	201.8	221.5	212.0	215.1	218.1	220.8	230.2
29S 37W 29BBA 01	QU,TC	3094.	504	74	148.0	243.3	250.6	250.0	255.2	257.1		267.0
29S 38W 20CDC 01	QU,TC,KJ	3139.	489	59	80.8	133.0	143.6	142.4	146.5	150.4	153.6	160.4
29S 38W 35CCD 01	QU,TC	3124.	469	74	115.1	168.9	164.1	173.4	170.2	172.1	173.4	175.7
30S 35W 02DBC 01	QU,TC	3020.	525	225	240.5		288.8		313.5	315.3		
30S 35W 14BCD 01	QU,TC	3004.	474	134	153.3		193.7	198.8	198.8	202.1	200.9	198.8
30S 36W 01BBB 01	QU,TC	2973.	463	93	130.4	189.9	203.3	196.7	200.0	200.9	205.0	220.0
30S 36W 04ABB 01	QU,TC,KJ	3033.	493	113			150.6	150.5	151.1	153.4	156.8	

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRANT COUNTY -- CONTINUED

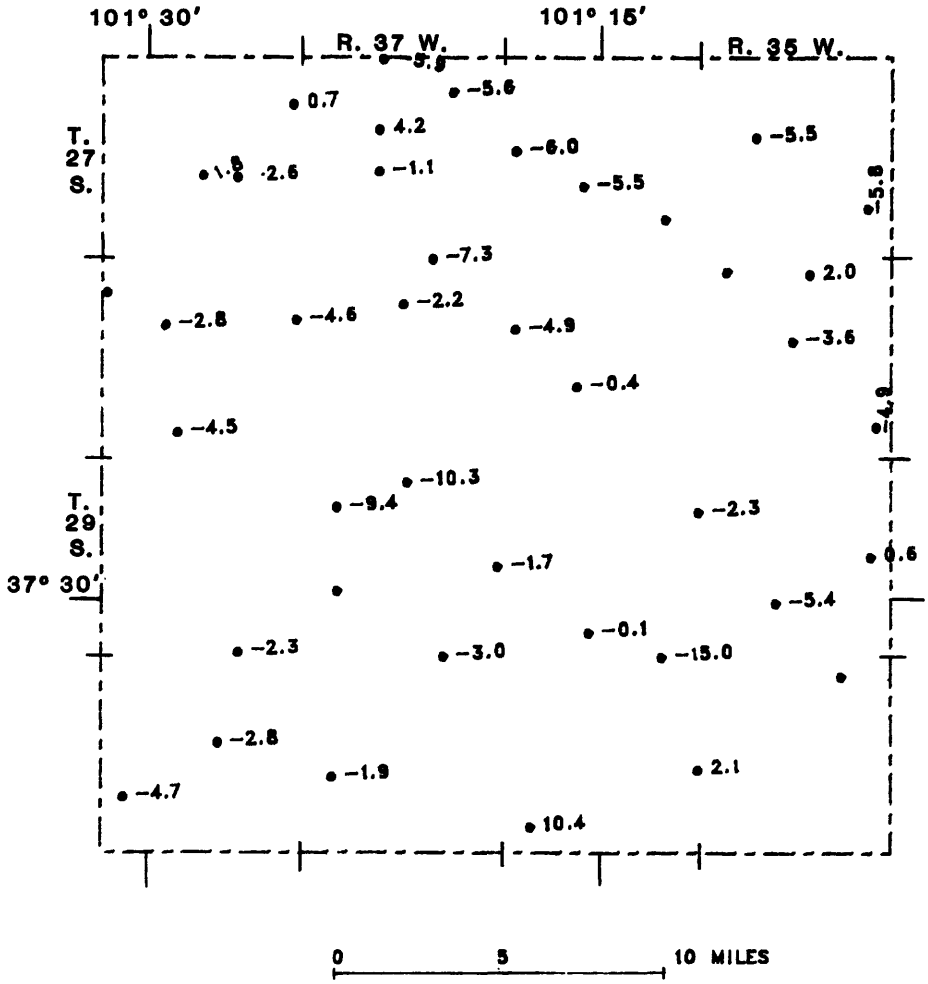
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
30S 36W 32BBC 01	QU,TO	3064.	384	113	122.5	153.5	161.6	152.0	161.9	166.3	170.8	160.4
30S 37W 02BAA 02	QU,TO	3102.	507	122	221.7	283.4	287.7	291.5	291.4	292.0	296.5	299.5
30S 37W 03DBA 01	QU,TO,KJ	3108.	458	120		263.8	259.9	261.3	265.5	276.9	269.1	264.3
30S 37W 20CBC 01	QU	3125.	385	114	164.6	199.5	200.6	202.8	200.2	208.2	210.7	212.6
30S 38W 13CCC 01	QU,TO,KJ	3142.	467	102	146.7	190.3		207.9	204.3	199.7	205.6	206.0
30S 38W 15DBC 01	QU	3144.	360	89	118.7	159.2		173.1	170.0	173.3	175.7	178.5
30S 38W 30ACA 01	QU,TO	3152.	377	69	82.1	133.6	141.5	148.0	154.0	160.1	162.5	167.2

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRANT COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
27S 35W 17ADD 01	QU,TO	242.6	-68	-56.9	-5.5	-1.5	-2.8	287	219	-24
27S 35W 25BDC 01		229.2			-5.8					
27S 36W 18DCB 01	QU,TO	190.0	-86	-73.5	-6.0	-1.9	-3.7	291	205	-30
27S 36W 21DCC 01	QU,TO	275.8	-77		-5.5	-1.7				
27S 36W 25CC 01	QU,TO									
27S 37W 04ABB 01	QU,TO	168.9	-99	-82.5	-5.9	-2.2	-4.1	246	147	-40
27S 37W 11ABA 01	QU,TO	198.1	-91	-66.6	-5.6	-2.0	-3.3	261	170	-35
27S 37W 16AAD 01		228.9	-175		4.2	-3.8		270	95	-65
27S 37W 21BDD 01		196.3	-138		-1.1	-3.0				
27S 38W 12ADC 01	QU,TO	189.0	-155	-123.5	.7	-3.4	-6.2	246	91	-63
27S 38W 15BBB 01	KJ	171.3		-38.4	2.0		-1.9			
27S 38W 22CBB 01	QU,TO	163.8	-115	-87.0	1.8	-2.5	-4.4	291	176	-40
27S 38W 23CB 01	QU,TO	163.2	-113	-64.9	-2.6	-2.5	-3.2	285	172	-40
28S 35W 03DBB 01		274.6			2.0					
28S 35W 05BCC 01	QU,TO									
28S 35W 15CBB 01	QU,TO	292.1	-79	-41.4	-3.6	-1.7	-2.1	296	217	-27
28S 35W 36AEC 01	QU,TO	312.3	-90	-75.9	-4.9	-2.0	-3.8	350	260	-26
28S 36W 02CDD 02	QU,TO,KJ	296.0		-54.4	-3.7		-2.7			
28S 36W 18ABC 01		228.7	-134		-4.9	-2.9		250	116	-54
28S 36W 21CDD 01	QU,TO	278.4	-120	-84.6	-.4	-2.6	-4.2	272	152	-44
28S 37W 02BBB 04		247.3			-7.3					
28S 37W 10BCD 02	QU,TO	204.8	-156	-104.1	-2.2	-3.4	-5.2	301	145	-52
29S 38W 07BBB 01	QU,TO									
29S 38W 12DDD 01	QU,TO	186.1	-146	-107.5	-4.6	-3.2	-5.4	325	179	-45
29S 38W 17AAA 01	QU,TO	209.1	-168	-91.0	-2.8	-3.7	-4.6	381	213	-44
28S 38W 33BD6 01		209.7			-4.5					
29S 35W 07CBD 01	QU,TO	277.4	-109		-2.3	-2.4		273	164	-40
29S 35W 24BAA 01	TO	325.4	-86		.6	-1.9		323	237	-27
29S 35W 28ACC 01	QU,TO	254.3	-107	-68.8	-5.4	-2.3	-3.4	353	246	-30
29S 36W 19BCB 01	QU,TO	204.8	-161	-96.2	-1.7	-3.5	-4.3	361	200	-45
29S 36W 33ADB 01		227.0	-136		-.1	-3.0		375	239	-36
29S 37W 03CDB 01	QU,TO	230.3	-159	-97.3	-10.3	-3.5	-4.9	350	191	-45
29S 37W 09C9A 01	QU,TO	230.2	-184	-115.7	-9.4	-4.0	-5.8	384	200	-48
29S 37W 29BEA 01	QU,TO	267.0	-193	-119.0		-4.2	-6.0	430	237	-45
29S 38W 20CDC 01	QU,TO,KJ	160.4	-101	-79.5	-6.8	-2.2	-4.0			
29S 38W 35CCD 01	QU,TO	175.7	-102	-60.5	-2.3	-2.2	-3.0	395	293	-26
30S 35W 02DBC 01	QU,TO									
30S 35W 19BCD 01	QU,TO	198.5	-65	-45.5	2.1	-1.4	-2.3	340	275	-19
30S 36W 01BBB 01	QU,TO	220.0	-122	-89.6	-15.0	-2.7	-4.5	365	243	-33
30S 36W 04ABB 01	QU,TO,KJ									

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRANT COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
30S 36W 32B8C 01	QU,TO	160.4	-47	-37.9	10.4	-1.0	-1.9	271	224	-17
30S 37W 02BAA 02	QU,TO	299.5	-178	-77.8	-3.0	-3.9	-3.9	385	208	-46
30S 37W 03DBA 01	QU,TO,KJ	264.3	-144		4.8	-3.1				
30S 37W 20CBC 01	QU	212.6	-99	-48.0	-1.9	-2.2	-2.4	271	172	-37
30S 38W 13CCC 01	QU,TO,KJ	206.0	-104	-59.3	-.4	-2.3	-3.0			
30S 39W 15DBC 01	QU	178.5	-90	-59.8	-2.8	-2.0	-3.0	271	182	-33
30S 39W 30ACA 01	QU,TO	167.2	-98	-85.1	-4.7	-2.1	-4.3	308	210	-32



WATER–LEVEL CHANGE IN GRANT COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRAY 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
24S 27W 09CCC 01	QU,TC	2697.	138	66	59.1		74.2	71.7	72.2	73.2	75.0	74.0
24S 27W 14ABC 01	QU,TC	2654.	92	74	66.2	68.6	65.1	64.4	63.9	64.1	64.9	63.1
24S 27W 29BCC 01		2702.	152	72							84.5	84.6
24S 28W 29BBA 01		2750.	240	93							108.1	109.3
24S 28W 31DD 01	QU,TC	2754.	264	91	97.9	119.6	125.4	127.5	126.0	121.4	123.9	124.3
24S 28W 36ACA 01	TO	2720.	135	95	93.3	96.3	96.9	96.7	97.4	97.1	97.0	97.3
24S 29W 16DCA 01	QU,TC	2787.	222	98	96.2	110.0	112.4	109.0	110.5	112.2	112.9	
24S 29W 19CCB 01	QU,TC	2914.	220	106	109.8	118.9	121.1	120.9	121.9	123.3	125.0	130.5
24S 30W 15CCC 01	QU,TC	2346.	248	114	117.0	132.6	131.4	132.1	133.0	135.3	136.6	136.7
24S 30W 33ADD 01	TO	2357.	282	130							156.2	149.9
25S 27W 33ABB 01	QU,TC	2728.	249	134	131.8	142.0	148.6	138.4	135.7	138.7	138.6	138.7
25S 29W 07ECB 01	QU,TC	2830.	281	131	129.0	139.4	147.1	149.9	146.9	143.1	144.3	143.3
25S 29W 14ABB 01	QU,TC	2776.		107	107.1		131.0	130.6	130.4	131.1		132.4
25S 29W 27CCB 01		2678.	168	8							16.2	10.1
25S 30W 20BCB 01	QU,TC	2734.	184	9	9.8	14.3	16.9	16.1	16.7	16.7	16.9	10.9
26S 27W 13BBC 01	QU,TC	2567.	165	9	7.9	8.5	3.8	3.9	11.1	4.3	10.6	12.6
26S 27W 27CDD 01	QU,TC	2612.	222	33		44.1	48.5	46.5	46.9	47.0	49.2	50.4
26S 28W 06DDB 01		2647.	147	9							14.5	12.0
26S 28W 10ACB 02	QU,TC	2632.	172	16	18.9	24.4	15.4	7.9	22.6			
26S 29W 15BCA 01		2732.	232	62							86.8	89.3
26S 29W 35CCC 01	QU,TC	2742.	242	72	71.6	86.8		95.9	94.6	96.1	98.7	101.6
26S 30W 01A3C 01		2740.										67.7
26S 30W 24DDD 01	QU,TC	2754.	253	54		74.0	76.7	79.4	81.3	82.6	85.2	90.6
27S 27W 01BAA 01											82.5	85.1
27S 27W 07ADC 01	QU,TC	2686.	186	82	74.0	89.5	91.8	92.8	104.3	94.6	95.9	94.1
27S 27W 10CDB 01	QU,TC	2712.	235	131	123.4	136.3	137.8	139.4	141.0	141.0	142.8	144.3
27S 27W 25CCD 01	QU,TC	2732.	228	167	163.8	175.1	181.7	178.4	179.2	178.6	180.0	181.0
27S 28W 05AAA 01	QU,TC	2707.	228	66		80.3	82.5	85.4	88.1	88.8	91.6	94.0
27S 28W 30CCA 01	QU,TC	2738.	218	78		92.4	95.4	98.1	101.1		106.1	107.1
27S 29W 27CAA 01		2760.	235	83							102.4	105.7
27S 30W 08BBB 01	QU,TC	2790.	265	68	66.6	95.6	100.6	101.9	102.0		109.0	110.5
27S 30W 23BB 01	QU,TC	2772.	247	68	63.9	90.2	93.9	99.7	102.3	103.7	105.4	108.8
27S 30W 34CCC 01	QU,TC	2807.	404	102	101.0	131.7	135.3	138.0	141.4		144.9	147.4
28S 27W 03BBB 01	QU,TC	2755.	260	166		174.8	180.6	177.7	178.9		185.5	190.7
28S 28W 07CDD 01		2775.	250	117							178.0	182.8
28S 29W 20ADD 02	QU,TC	2795.	220	145	146.2	148.3	148.5	150.1	149.6	148.0	146.5	147.8
28S 29W 16ACC 01	QU,TC	2799.	294	121	125.0	153.4		157.0	157.9	155.6	159.6	161.0
28S 30W 10DDD 01	QU,TC	2914.	469	115	120.9	153.8	156.7	159.2	161.8	162.5	164.7	167.8
28S 30W 17BBA 01	TO	2817.	497	110	110.4		162.1		163.7	157.4	159.9	163.1
28S 30W 24BAB 01	QU,TC	2804.	429	114	119.5	153.2	155.3	157.5	160.2	160.6	161.7	164.0

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRAY COUNTY -- CONTINUED

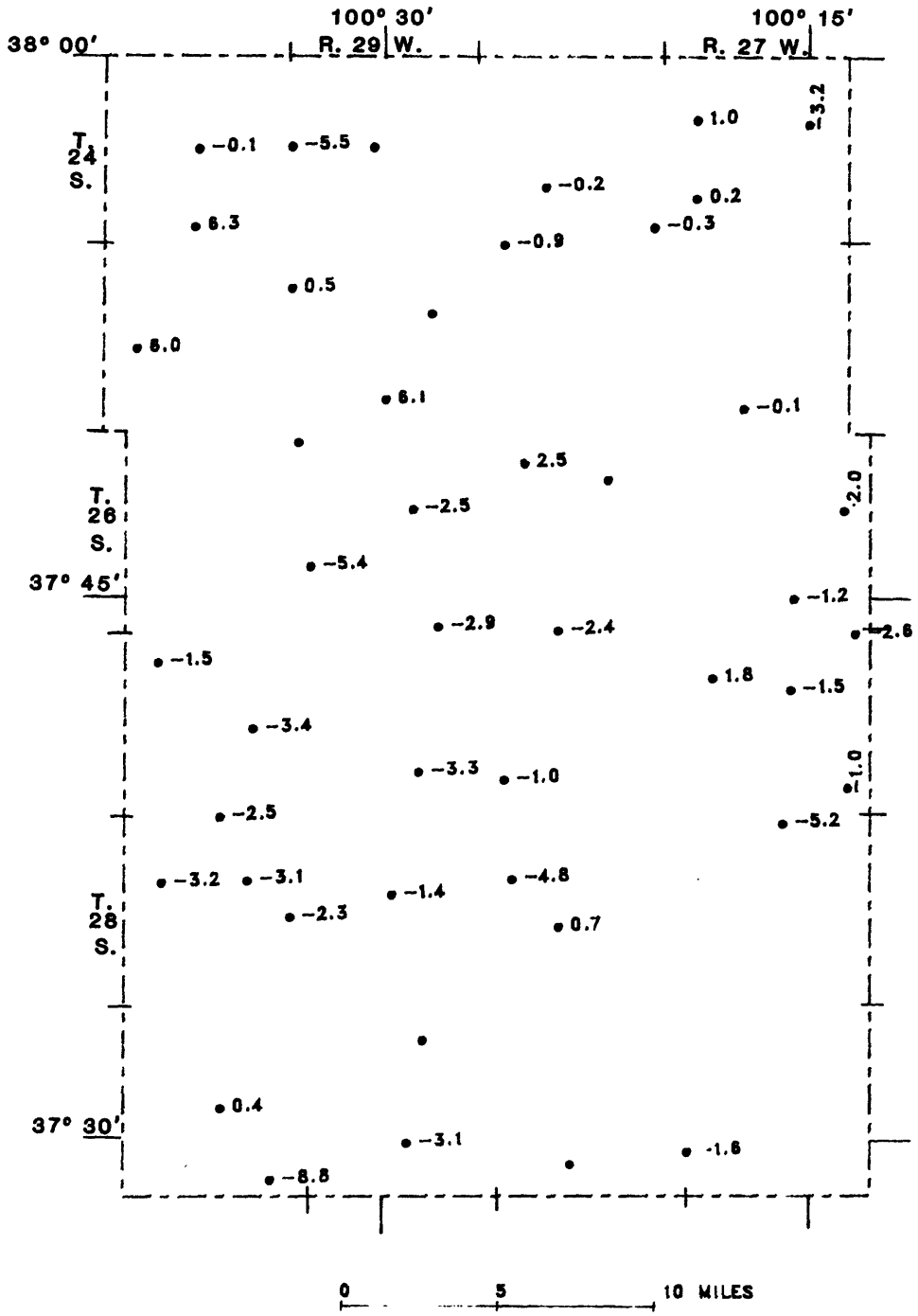
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
29S 27W 30BCC 01	QU,TC	2655.	280	87	103.0	121.5	124.1	125.7	128.7	130.4	131.5	133.1
29S 28W 28CDC 01	TO	2688.	278	88	91.2	110.6	113.2	115.2	118.7		120.2	
29S 29W 10ABB 01								116.4	118.1			121.7
29S 29W 27BCB 01	QU,TC	2739.	494	99	101.0	123.8	127.3	128.8	132.2	132.9	136.6	139.7
29S 30W 22BBC 01	QU,TC	2816.	446	144	144.6	177.9	178.9	178.6		182.0	180.5	190.1
29S 30W 35ACD 01	QU,TO	2805.	445	146	147.8	173.0	186.1	190.1	193.2	193.8	195.3	204.1

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRAY COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
24S 27W 03CCC 01	QU,TO	74.0	-8	-14.9	1.9	-0.2	-0.7	72	64	-11
24S 27W 14ABE 01	QU,TO	68.1	6	-1.9	-3.2	.1	-.1	18	24	33
24S 27W 29ECC 01		94.5	-13		.2	-.3		80	67	-16
24S 28W 29BBA 01		105.3	-15		-.2	-.3		147	132	-10
24S 29W 31DD 01	QU,TO	124.8	-34	-36.9	-.9	-.7	-1.8	173	139	-20
24S 28W 36ACA 01	TO	97.3	-12	-13.9	-.5	-.3	-.7	50	38	-24
24S 29W 16DCA 01	QU,TO									
24S 29W 19CCE 01	QU,TO	130.5	-25	-20.7	-5.5	-.5	-1.0	114	90	-21
24S 30W 15CCC 01	QU,TO	135.7	-23	-19.7	-.1	-.5	-1.0	134	111	-17
24S 30W 33ADD 01	TO	149.9	-20		6.3	-.4		152	132	-13
25S 27W 33A8B 01	QU,TO	138.7	-5	-6.9	-.1	-.1	-.3	115	110	-4
25S 29W 07BCB 01	QU,TO	143.8	-13	-14.8	.5	-.3	-.7	150	137	-9
25S 29W 14ABB 01	QU,TO	132.4	-25	-25.3		-.5	-1.3			
25S 29W 27CCB 01		10.1	-2		6.1			160	158	-1
25S 30W 20BCB 01	QU,TO	10.9	-2	-1.1	6.0		-.1	175	173	-1
26S 27W 13BBC 01	QU,TO	12.6	-4	-4.7	-2.0	-.1	-.2	156	152	-3
26S 27W 27CDD 01	QU,TO	50.4	-17		-1.2	-.4		189	172	-9
26S 28W 06DDB 01		12.0	-3		2.5	-.1		138	135	-2
26S 28W 10ACB 02	QU,TO									
26S 29W 15BCA 01		89.3	-27		-2.5	-.6		170	143	-16
26S 29W 35CCC 01	QU,TO	101.6	-30	-30.0	-2.9	-.7	-1.5	170	140	-18
26S 30W 01ABC 01		67.7								
26S 30W 24DDD 01	QU,TO	90.6	-37		-5.4	-.8		199	162	-19
27S 27W 01BAA 01		35.1			-2.6					
27S 27W 07ADC 01	QU,TO	94.1	-12	-20.1	1.8	-.3	-1.0	104	92	-12
27S 27W 10CDB 01	QU,TO	144.3	-13	-20.8	-1.5	-.3	-1.0	104	91	-13
27S 27W 25CCD 01	QU,TO	181.0	-14	-17.2	-1.0	-.3	-.9	61	47	-23
27S 28W 05AAA 01	QU,TO	94.0	-28		-2.4	-.6		162	134	-17
27S 28W 30CCA 01	QU,TO	107.1	-29		-1.0	-.6		140	111	-21
27S 29W 27CAA 01		105.7	-23		-3.3	-.5		152	129	-15
27S 30W 08BBB 01	QU,TO	110.5	-43	-43.9	-1.5	-.9	-2.2	197	155	-21
27S 30W 23BB 01	QU,TO	108.8	-41	-44.2	-3.4	-.9	-2.2	179	138	-23
27S 30W 34CCC 01	QU,TO	147.4	-45	-46.4	-2.5	-1.0	-2.3	302	257	-15
28S 27W 03BB6 01	QU,TO	190.7	-25		-5.2	-.5		94	69	-27
28S 28W 07CDD 01		182.8	-66		-4.8	-1.4		133	67	-50
28S 28W 20A0D 02	QU,TO	147.9	-3	-1.6	.7	-.1	-.1	75	72	-4
28S 29W 16ACC 01	QU,TO	161.0	-40	-38.0	-1.4	-.9	-1.8	178	138	-22
28S 30W 10DDD 01	QU,TO	167.9	-53	-48.9	-3.1	-1.2	-2.3	354	301	-15
28S 30W 17BBA 01	TO	163.1	-53	-52.7	-3.2	-1.2	-2.6	397	334	-14
28S 30W 24BAB 01	QU,TO	164.3	-50	-44.4	-3.3	-1.1	-2.2	315	265	-16

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRAY COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
29S 27W 30BCC 01	QU,TO	133.1	-46	-30.1	-1.6	-1.0	-1.5	193	147	-24
29S 28W 28CDC 01	TO									
29S 29W 10ABB 01		121.7								
29S 29W 27BCB 01	QU,TO	139.7	-42	-38.6	-3.1	-.9	-1.9	396	354	-11
29S 30W 22BBC 01	QU,TO	180.1	-36	-35.5	.4	-.8	-1.8	302	266	-12
29S 30W 35ACD 01	QU,TO	204.1	-58	-56.3	-8.8	-1.3	-2.8	299	241	-19



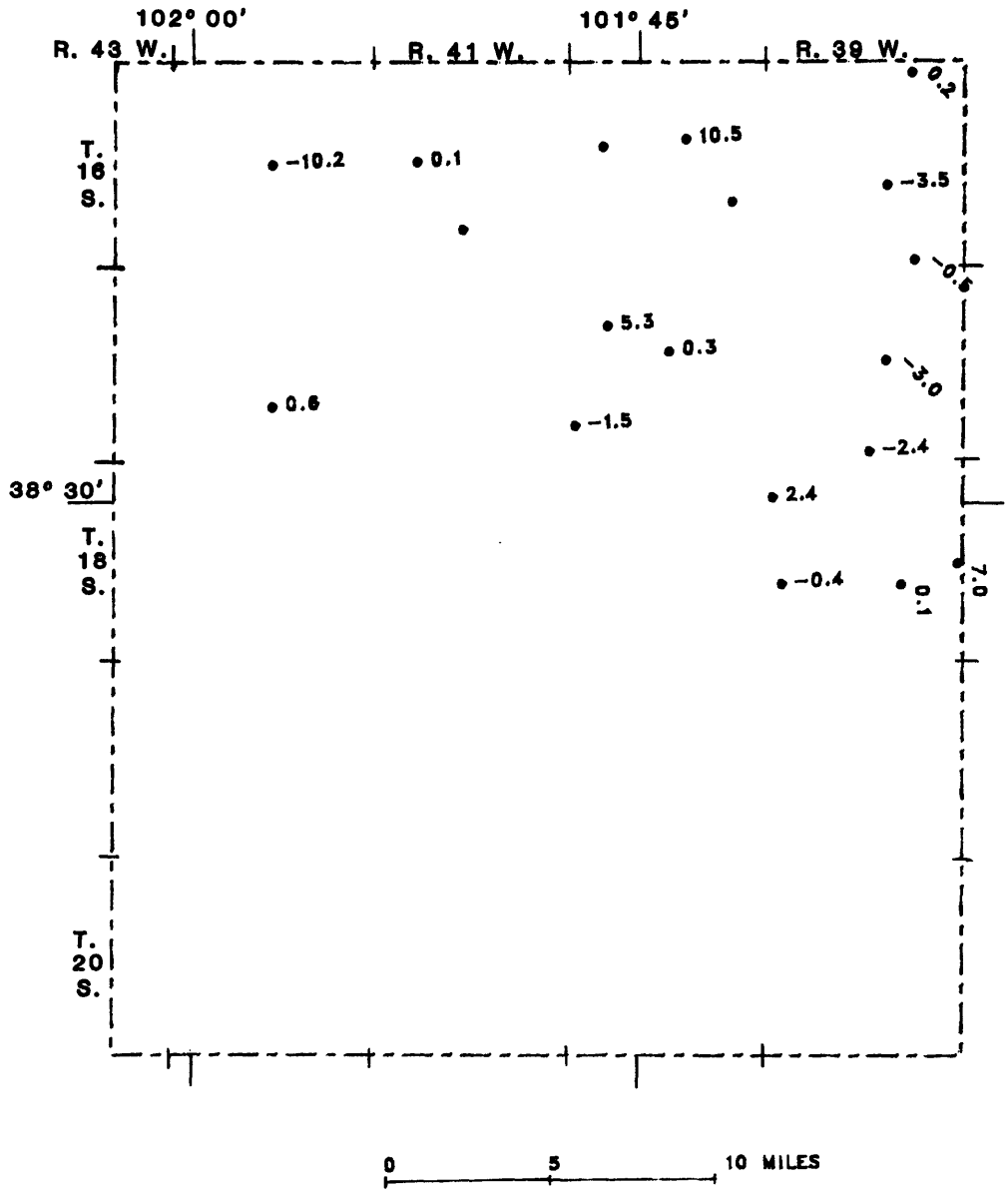
WATER–LEVEL CHANGE IN GRAY COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, GREELEY 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
16S 39W 02BDC 01	TO	3520.	220	81		129.0	137.9	136.4	134.6	136.0	137.7	137.5
16S 39W 22DCB 01	TO	3529.	163	95	88.8	126.0	134.5	129.5	128.9	129.8	132.5	136.0
16S 40W 15ACC 01	TO	3650.	192	114	119.9	147.3		149.2	149.5		162.0	151.5
16S 40W 17CBC 01	TO	3688.										152.9
16S 40W 26ADA 01	TO	3602.	157	93		112.9	114.6	115.0	114.4	117.8		117.0
16S 41W 20BAD 01	TO	3739.	234	129	131.3	151.3		166.8	167.2	168.1	169.7	169.6
16S 41W 33AAB 01	TO	3746.	202	156		162.5	168.5	172.0	173.6	176.3		174.8
16S 42W 22BCB 01	TO	3828.	237	183	198.5	199.9	198.5	205.2	198.9	197.3	199.5	209.7
17S 39W 02BAA 01	TO	3511.	161	102		110.6	112.1	114.0	114.9	116.5	117.1	117.6
17S 39W 22ABB 01	TO	3527.	195	118	123.3	127.9	128.7	130.3	132.2	130.8	133.5	136.5
17S 39W 34CCB 01	TO	3505.	135	95		95.5	94.0	94.4	94.6	99.0	96.4	98.8
17S 40W 15CCB 01	TO	3607.	209	123	127.0	137.1	139.5	138.0	138.1	138.7	138.6	138.3
17S 40W 17BBA 01	TO	3663.	217	165		184.5	185.2	185.1	185.5	185.4	184.7	179.4
17S 40W 31BBA 01	TO	3663.	218	151	168.1			167.5	164.8	167.7	164.2	165.7
17S 42W 27CBB 01	TO	3768.	61	31		39.9	38.1	38.7	36.3	38.1	37.2	36.6
18S 39W 07BBD 01	TO	3564.	145	109		116.0	117.9	116.2	116.3	116.2	118.6	116.2
18S 39W 19CDA 01	TO	3510.	100	70		72.6	72.7	72.0	72.4	73.4	73.6	74.0
18S 39W 23CCB 01	TO	3485.	185	113	122.2	132.7	132.5	132.2	132.3	133.3	133.2	133.1
18S 39W 24AAC 01	TO	3467.	183	105		138.3		136.7	136.9	140.7	142.3	135.3

TABLE 1.-- SELECTED HYDROLOGIC DATA, GREELEY COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
16S 39W 02BDC 01	TO	137.5	-57		0.2	-1.6		139	83	-40
16S 39W 22DCB 01	TO	136.0	-41	-47.2	-3.5	-1.1	-2.4	68	27	-60
16S 40W 15ACC 01	TO	151.5	-38	-31.6	10.5	-1.1	-1.6	78	41	-47
16S 40W 17CBC 01	TO	158.9								
16S 40W 26ADA 01	TO	117.0	-24			-.7		64	40	-38
16S 41W 20BAD 01	TO	169.6	-41	-38.3	.1	-1.1	-1.9	105	64	-39
16S 41W 33AAE 01	TO	174.8	-19			-.5		46	27	-41
16S 42W 22BCB 01	TO	209.7	-27	-11.2	-10.2	-.8	-.6	54	27	-50
17S 39W 02BAA 01	TO	117.6	-16		-.5	-.4		59	43	-27
17S 39W 22ABB 01	TO	136.5	-19	-13.1	-3.0	-.5	-.7	77	59	-23
17S 39W 34CCB 01	TO	98.8	-4		-2.4	-.1		40	36	-10
17S 40W 15CCB 01	TO	138.3	-15	-11.3	.3	-.4	-.6	86	71	-17
17S 40W 17BBA 01	TO	179.4	-14		5.3	-.4		52	38	-27
17S 40W 31BBA 01	TO	165.7	-15	2.5	-1.5	-.4	.1	67	52	-22
17S 42W 27CBB 01	TO	36.6	-6		.6	-.2		30	24	-20
18S 39W 07BBD 01	TO	116.2	-7		2.4	-.2		36	29	-19
18S 39W 19CDA 01	TO	74.0	-4		-.4	-.1		30	26	-13
18S 39W 23CCB 01	TO	133.1	-20	-10.9	.1	-.6	-.5	72	52	-28
15S 39W 24AAC 01	TO	135.3	-30		7.0	-.8		78	48	-38



WATER–LEVEL CHANGE IN GREELEY COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, HAMILTON 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
21S 39W 07CBA 01	TO	3497.	215	198	194.0	197.6	194.3	199.6	195.7		195.1	195.3
22S 39W 03BAB 01	TO	3453.	199		191.2	193.7	187.2	193.4	193.2	183.3	182.8	183.4
22S 39W 05DDD 01	TO	3468.	214		178.5	176.8	182.2	176.7	176.5		174.7	176.0
23S 39W 15ADD 01	QU,TC	3325.	144		130.1	129.4	129.6	129.6	129.5	129.4	129.1	129.2
23S 40W 29DDB 01	KU	3397.			240.3	293.8	294.1		297.8	301.0	304.6	308.0
23S 42W 19CBB 01	QA,QU	3339.	67	20	24.1	27.1	25.2	25.3	24.7	25.4	26.4	25.7
23S 42W 26DCA 01	QA	3309.	70	29	23.7	29.0	27.5	27.9	28.4	27.5	26.4	25.9
23S 42W 27DDB 01	QA	3311.	70	23	20.0	24.0	25.4	23.9	23.7		23.1	22.9
23S 42W 34CBB 01	QA	3307.	56	13	9.6	13.3	13.0	12.6	11.2	10.7	10.2	10.5
23S 43W 21ABA 01	QA	3364.	29	15	15.0	17.6	16.5	15.6	13.9	13.5	12.2	12.5
23S 43W 23BCD 01	QA	3356.	65	21	20.5	23.7	22.1	21.7	21.9	21.5	21.4	20.5
23S 43W 25CBD 02	QA	3335.	47	8	8.8	9.8	9.9	9.5	9.0	8.3	8.5	8.3
23S 43W 26BCC 01	QA	3343.	22	7	7.1	8.8	8.3	8.5	8.3	7.6	9.3	7.9
24S 39W 19CBC 01	QA	3175.	65	6	6.7	12.4	10.0	10.7	9.8	8.9	9.0	9.4
24S 39W 22CCB 01	QA	3152.	42	8	11.8	15.4	17.3	11.9		10.6	10.5	11.7
24S 39W 30BBD 01	QA	3177.	77	9	9.1	13.4	12.2	11.0	10.3	9.6		
24S 39W 30CAD 01	QA	3173.	68	6	6.8	11.3	11.4	10.5				
24S 39W 35BAC 01	QA	3143.	43	9	5.4	9.9	10.6	10.0	9.8	8.8	8.6	8.5
24S 39W 35CBA 01	QU	3146.	97	11	11.4	16.8	16.8	17.2	16.4	15.5	15.3	15.1
24S 40W 07CBE 01	QA	3233.	58	14	13.9	16.8	16.0	16.2	16.4	15.2	15.0	13.4
24S 40W 17BBB 01	QA	3221.	71	13		16.9	16.1	15.7	15.6	14.8	14.6	13.4
24S 40W 23AAB 01	QA	3204.	104	26	24.4	29.2	27.9	28.0	27.3	27.0	26.5	23.6
24S 40W 31BBA 01	QU	3287.			63.6	65.0	65.4	65.2	65.1	64.9	65.1	66.7
24S 41W 01DAD 01	QA,QU	3254.	45		14.7	20.7	22.8	24.4	25.8	26.1	25.8	25.4
24S 42W 04AAD 01	QA	3304.	44	7	6.5	10.8	11.5	12.1	14.3	13.5	12.7	10.1
24S 42W 28DDD 01	KJ	3455.			160.0	162.6	161.7	163.8	163.3	164.4	164.5	
24S 43W 14CBB 01	KJ	3452.		114	110.8	113.9	114.8	115.4	118.2	117.8	117.5	119.6
25S 39W 02CAD 01	QU,TC	3156.	46	24	27.9	32.0	32.9	32.8	34.5	33.2	32.7	34.8
25S 39W 23BDD 01	QU,TC	3286.	133		78.7	91.7	92.1	92.2	91.3	91.4	91.1	90.8
25S 40W 01CA 01	QU	3218.	58	46	45.8	52.2	51.1	51.1	51.0	50.8	49.2	
25S 40W 26BBB 01	KJ	3412.		213	215.0	224.0	220.6	221.3	221.8	221.5	221.6	221.6
25S 43W 03ABB 01	KJ	3575.			190.5	258.1	257.9	259.6	261.7	266.2	261.6	248.3
25S 43W 21AAB 01	KJ	3522.			129.4	141.5		142.0	143.1	139.1	142.3	140.0
25S 43W 25CCD 01	QU,TC	3490.	225	101	121.4	144.6	145.4	147.4	147.6	147.4		149.6
26S 41W 12DCC 01	KJ	3379.			186.5	214.5	216.1	219.5	224.1	226.3	229.6	
26S 41W 20BBD 01	QU,TC	3317.	242	17	20.7	30.0	31.4	32.2	33.0	33.2	33.1	32.4
26S 41W 32DDB 01		3354.										
26S 41W 36CCC 01	QU,TC	3270.	231	35	29.0	45.5	49.0	49.6	52.4	54.3	56.4	56.6
26S 42W 10CB 02	QU,TC	3405.	245	52	77.2	105.1	105.0	106.6	108.4	108.2	110.1	112.2
26S 42W 17CB 01	QU,TC,KJ	3458.			108.1	155.6	161.7	163.2		167.0	169.4	170.8

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

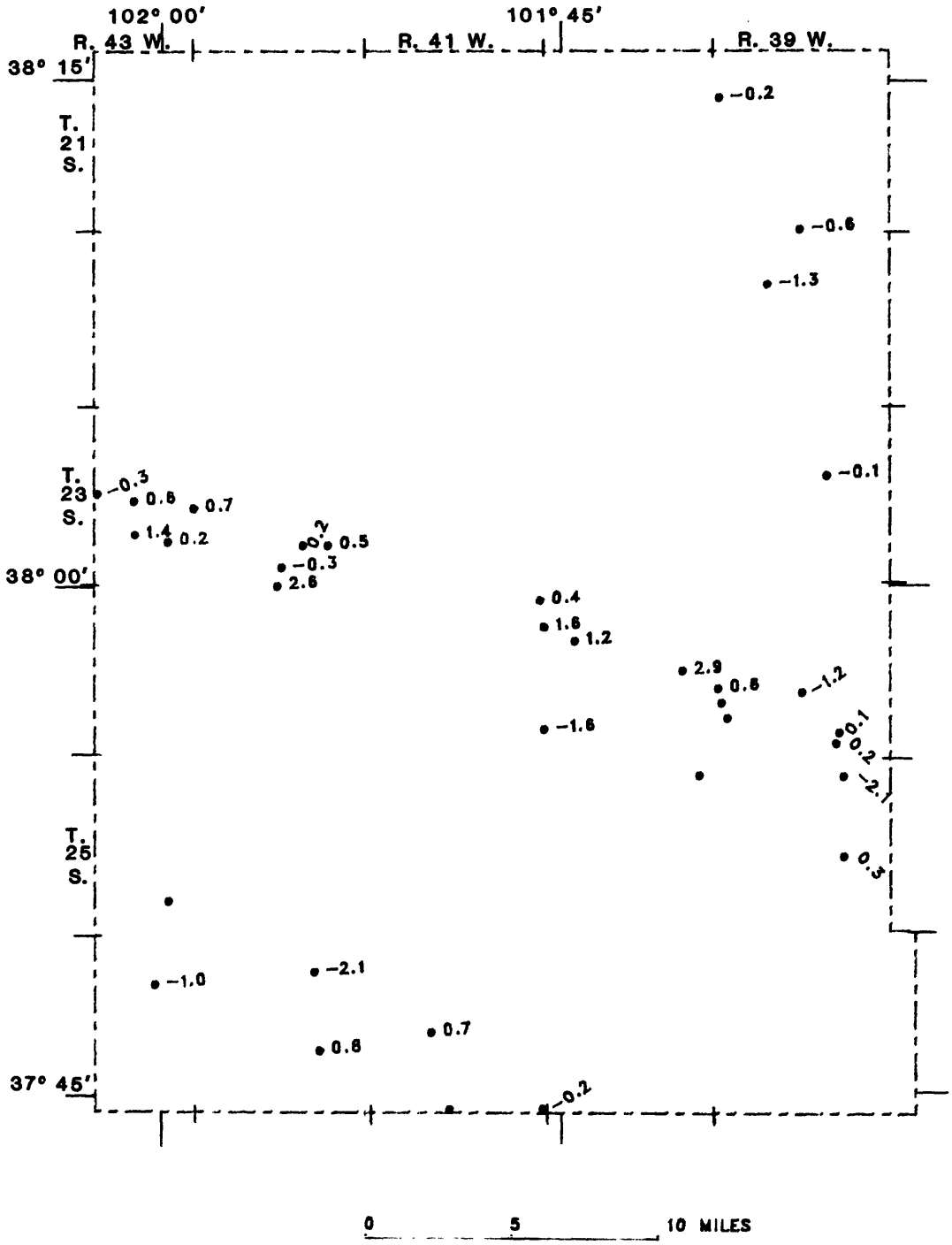
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
26S 42W 22CD5 01	QU,TC	3412.	212	77	93.1		152.2	153.5	162.2	159.0	164.5	163.7
26S 43W 10DBB 01		3516.	241	118							232.1	233.1
26S 43W 25DCC 01	QU,TC,KJ	3508.	258	128		199.1	203.7	207.5	209.5	211.4	213.4	222.0

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
21S 39W 07CBA 01	TO	185.3	11	8.7	-0.2	0.2	0.4	19	30	58
22S 39W 03BBB 01	TO	183.4		7.9	-.6		.4		16	
22S 39W 08DDD 01	TO	176.0		2.5	-1.3		.1		38	
23S 39W 15ADD 01	QU,TO	120.2		.9	-.1				15	
23S 40W 29DDE 01	KU	308.0		-67.7	-3.4		-3.4			
23S 42W 14CBB 01	QA,QU	25.7	-6	-1.6	.7	-.1	-.1	47	41	-13
23S 42W 26DCA 01	QA	25.9	3	-2.1	.5	.1	-.1	41	44	7
23S 42W 27DDE 01	QA	22.9		-2.9	.2		-.1	47	47	
23S 42W 34CBB 01	QA	10.5	3	-.8	-.3	.1		45	48	7
23S 43W 21ABA 01	QA	12.5	3	2.6	-.3	.1	.1	14	17	21
23S 43W 23BCB 01	QA	20.8		-.2	.6			47	47	
23S 43W 25CBD 02	QA	8.3		.5	.1			39	39	
23S 43W 26BCC 01	QA	7.9	-1	-.8	1.4			15	14	-7
24S 39W 19CBC 01	QA	8.4	-2	-1.7	.6		-.1	59	57	-3
24S 39W 22CCB 01	QA	11.7	-4	.1	-1.2	-.1		34	30	-12
24S 39W 30BBD 01	QA									
24S 39W 30CAD 01	QA									
24S 39W 35BAC 01	QA	9.5	1	-3.1	.1		-.2	34	35	3
24S 39W 35CBA 01	QU	15.1	-4	-3.7	.2	-.1	-.2	96	92	-5
24S 40W 07CBB 01	QA	13.4	1	.5	1.6			44	45	2
24S 40W 17BBB 01	QA	13.4			1.2			58	59	
24S 40W 23AAB 01	QA	23.6	2	.8	2.9			78	80	3
24S 40W 31BBB 01	QU	66.7		-3.1	-1.6		-.2			
24S 41W 01DAD 01	QA,QU	25.4		-10.6	.4		-.5		20	
24S 42W 04AAD 01	QA	10.1	-3	-3.6	2.6	-.1	-.2	37	34	-8
24S 42W 28DDD 01	KJ									
24S 43W 14CBB 01	KJ	119.6	-6	-8.7	-2.1	-.1	-.4			
25S 39W 02CAD 01	QU,TO	34.8	-11	-6.9	-2.1	-.2	-.3	22	11	-5
25S 39W 23BDD 01	QU,TO	90.3		-12.1	.3		-.6		42	
25S 40W 01CA 01	QU									
25S 40W 24BBB 01	KJ	221.6	-9	-5.6	0.0	-.2	-.3			
25S 43W 03ABB 01	KJ	248.3		-57.7	13.3		-2.9			
25S 43W 21AAB 01	KJ	140.0		-10.5	2.3		-.5			
25S 43W 25CCD 01	QU,TU	148.6	-43	-27.2		-1.0	-1.4	124	76	-39
26S 41W 12DCC 01	KJ									
26S 41W 20BBD 01	QU,TO	32.4	-15	-11.7	.7	-.3	-.6	225	210	-7
26S 41W 32DDB 01										
26S 41W 36CCC 01	QU,TO	56.6	-22	-27.6	-.2	-.5	-1.4	196	174	-11
26S 42W 10BB 02	QU,TO	112.2	-40	-35.0	-2.1	-1.3	-1.9	197	133	-31
26S 42W 17CB 01	QU,TO,KJ	170.3		-62.4	-1.4		-3.1			

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
26S 42W 22CCB 01	QU,TO	153.7	-97	-70.6	0.8	-1.9	-3.5	135	48	-64
26S 43W 19D6E 01		233.1	-115		-1.0	-2.5		123	9	-93
26S 43W 25DCC 01	QU,TO,KJ	222.0	-94		-8.6	-2.0				



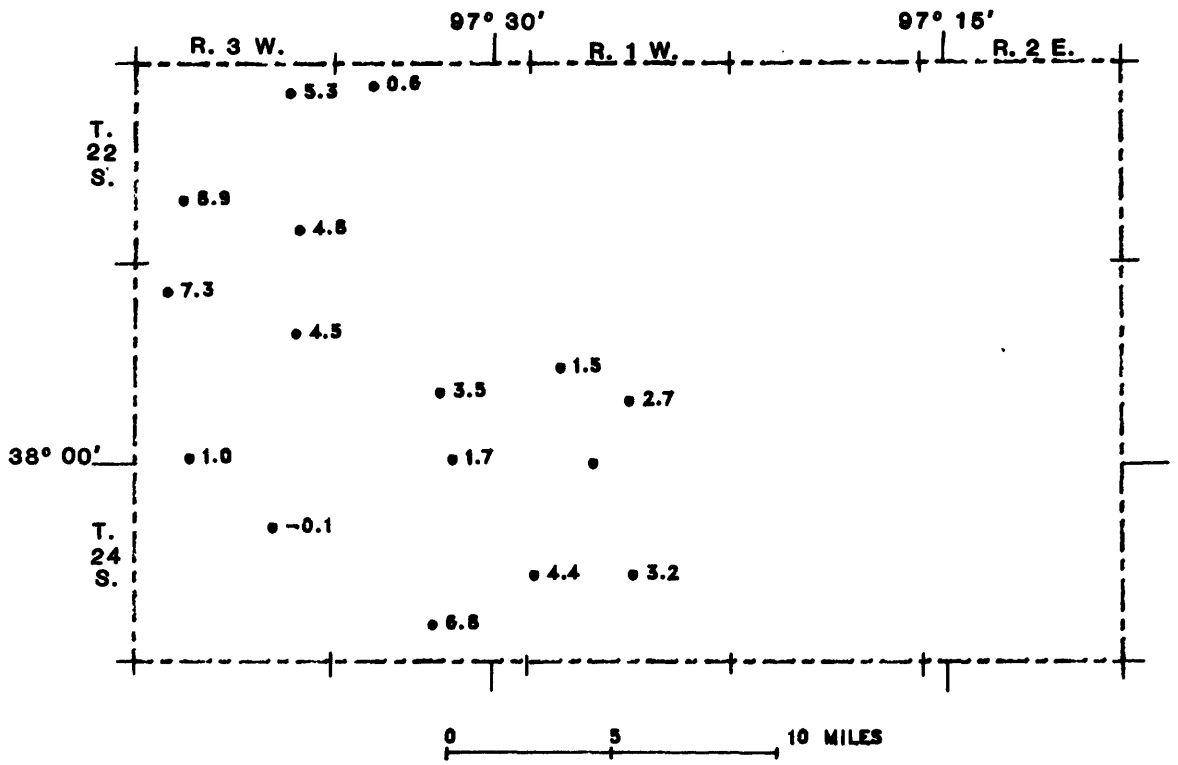
WATER–LEVEL CHANGE IN HAMILTON COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, HARVEY 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
22S 02W 05CBD 01		1469.									48.3	47.7
22S 03W 02DCD 01	QU	1450.				33.0				40.3	39.4	34.1
22S 03W 29BAD 01	QU	1430.									15.8	6.9
22S 03W 35AAA 01	QU	1420.									10.9	6.1
23S 01W 19AAC 01	QU	1420.				28.6				33.1	33.1	31.6
23S 01W 26AAD 01		1403.									22.2	19.5
23S 02W 22CCD 01	QU	1395.									16.3	12.5
23S 03W 06DDD 01	QU	1495.									73.2	65.9
23S 03W 14AAC 01	QU	1450.									37.3	32.8
23S 03W 32DCC 02	QU	1444.				6.8	8.9	9.1	9.2	9.6	9.7	8.7
24S 01W 05AAB 01		1394.										22.3
24S 01W 19BCC 01	QU	1383.									23.0	18.6
24S 01W 22BCC 01	QU	1390.									27.8	24.6
24S 02W 28DDD 01	QU,QU	1403.				32.9		36.9	35.5	35.3	34.6	29.8
24S 03W 14BBB 01	QU	1430.				13.4	14.3	15.6	15.1	15.2	15.3	15.4

TABLE 1.-- SELECTED HYDROLOGIC DATA, HARVEY COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATUPATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
22S 02W 05CBD 01		47.7			0.6					
22S 03W 02DCD 01	QU	34.1			5.3					
22S 03W 29BAD 01	QU	6.9			8.9					
22S 03W 35AAA 01	QU	6.1			4.8					
23S 01W 19AAC 01	QU	31.6			1.5					
23S 01W 29AAD 01		19.5			2.7					
23S 02W 22CCD 01	QU	12.9			3.5					
23S 02W 34DCC 01		13.5			1.7					
23S 03W 06DDD 01	QU	65.9			7.3					
23S 03W 14AAC 01	QU	32.8			4.5					
23S 03W 32DCC 02	QU	8.7			1.0					
24S 01W 05AAB 01										
24S 01W 19BCC 01	QU	18.6			4.4					
24S 01W 22BCC 01		24.6			3.2					
24S 02W 28DDD 01	QU,QU	29.8			6.8					
24S 03W 14BBB 01	QU	15.4			-.1					



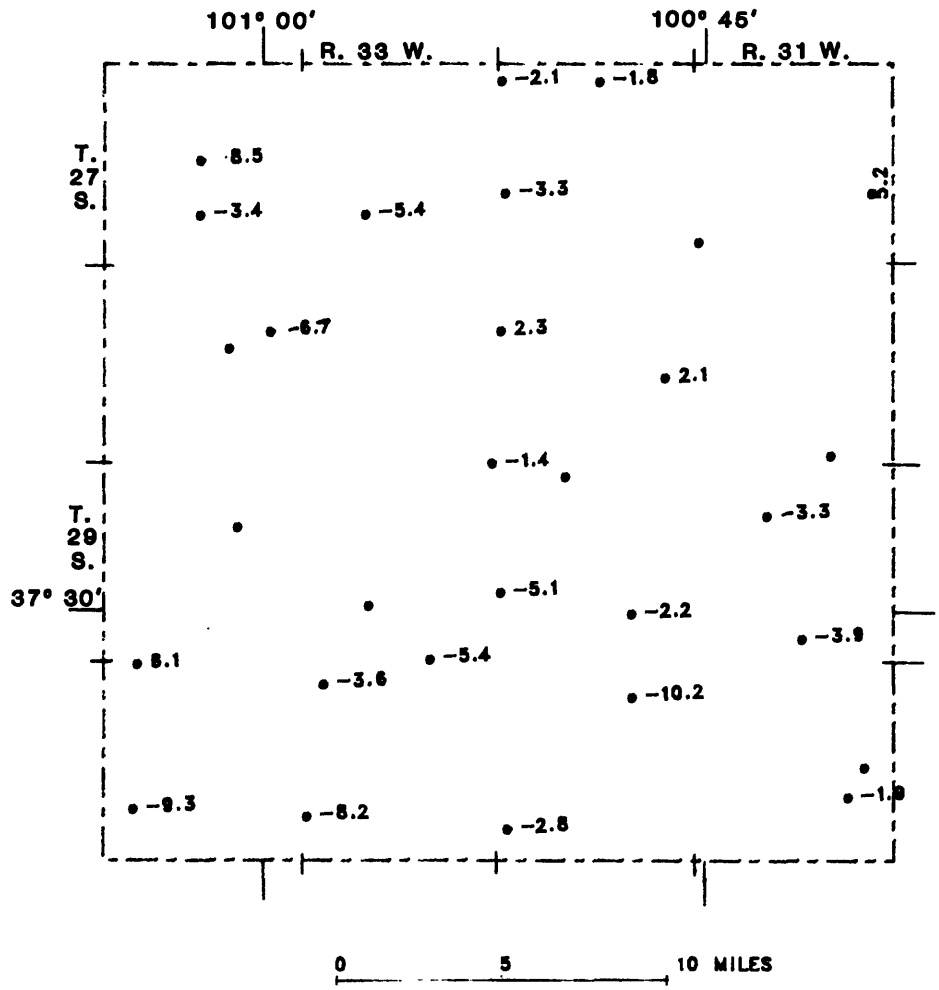
WATER–LEVEL CHANGE IN HARVEY COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, HASKELL 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
27S 31W 24CDC 01	QU,TC	2816.	366	94	97.8	131.4	139.8	143.4	140.0		152.9	147.7
27S 31W 31BCC 01	QU,TC	2895.	520	151	154.8	197.8	194.0	195.2	193.3	194.8	199.6	
27S 32W 03CBB 01		2872.		92							139.1	139.9
27S 32W 06CBB 01	QU,TC	2905.	465	107		138.6		144.3	145.5	147.8	152.8	154.9
27S 32W 19CCD 01	QU,TC	2906.	456	116	130.0	168.5	176.2	171.9	171.2	173.7	177.7	181.0
27S 33W 29DAA 01	QU,TC	2995.	540	194	186.3	246.8	252.0	252.5	257.0	256.9	265.4	270.8
27S 34W 16DDD 01									179.5	181.2	184.3	192.9
27S 34W 28DAA 02						218.9		224.3		227.4	230.8	234.2
28S 31W 35CCB 01	QU,TC	2863.	443	156	171.9	207.3	201.7	202.8	205.6	207.6	210.6	
28S 32W 18BBB 01	QU,TC	2951.	581	192	203.3	276.7	285.7			296.6	303.4	301.1
28S 32W 24BCC 01	QU,TC	2910.	549	175	181.5	215.8	215.4	218.1	219.6	221.1	231.6	229.5
28S 34W 13BBB 01	QU,TC	3022.	547	247	260.8	331.2	338.1	345.7	351.9	356.6	360.2	366.9
28S 34W 15DAB 01	QU,TC	3020.	570	243	263.0	327.8		338.4		351.3	358.5	
29S 31W 09CB 01	QU,TC	2871.	466	166	169.4	201.7	201.3	202.7	204.8	205.4	216.7	220.0
29S 31W 34BCA 01	QU,TC	2858.	468	168	172.7	205.1	207.5		216.3	224.6	218.5	222.4
29S 32W 04AAA 01		2914.										247.3
29S 32W 19CCC 01	QU,TC	2923.	598	208	218.2	264.8		277.7	280.4	282.7	286.5	291.6
29S 32W 26CBB 02	QU,TC	2895.		191	204.1	248.1	245.9	246.1	255.5	255.2	255.3	257.5
29S 33W 01AAB 01	QU,TC	2946.	601	213	226.3	309.3		319.8	326.9	329.1	327.6	329.0
29S 33W 25BCB 01	QU,TC	2963.	559	212		288.4	285.3	291.5	296.4	299.3	299.3	
29S 33W 34DDD 01											304.6	310.0
29S 34W 11CCC 01		2969.										306.7
30S 31W 24BBC 01		2831.										204.5
30S 31W 26ABB 01											227.3	229.2
30S 32W 11BBB 01	QU,TC	2885.	560	188	202.4	245.9	248.1	250.9	255.2	258.1	252.9	263.1
30S 32W 31BAB 01	QU,TC	2906.	466	194	202.0	256.8	259.8	268.5	270.6	258.7	256.6	259.4
30S 33W 06DBD 01	QU,TC	2936.	596	233	241.4	292.0	293.4	303.9	303.1	301.2	298.1	301.7
30S 33W 30CBD 01	QU,TC	2963.	513	215	219.7	239.1	240.5	249.6	253.8	253.9	257.5	265.7
30S 34W 05BBB 01	QU,TC	3006.	531	223	232.7	288.7	295.3	307.2	315.9	320.1	308.3	302.2
30S 34W 30ADD 02		2943.		63			91.2		93.8	92.6	96.2	105.5

TABLE 1.-- SELECTED HYDROLOGIC DATA, HASKELL COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1996 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
27S 31W 24CDC 01	QU,TO	147.7	-54	-49.9	5.2	-1.2	-2.5	272	218	-20
27S 31W 31BCC 01	QU,TO									
27S 32W 03CBB 01		139.9	-48		-1.8	-1.0				
27S 32W 06CBB 01	QU,TO	154.9	-48		-2.1	-1.0		358	310	-13
27S 32W 19CCD 01	QU,TO	181.0	-63	-51.0	-3.3	-1.4	-2.6	338	275	-19
27S 33W 29DAA 01	QU,TO	270.8	-77	-84.5	-5.4	-1.7	-4.2	346	269	-22
27S 34W 16DDD 01		192.8			-8.5					
27S 34W 28DAA 02		234.2			-3.4					
28S 31W 35CCB 01	QU,TO									
28S 32W 18BBB 01	QU,TO	301.1	-109	-97.8	2.3	-2.4	-4.9	389	280	-28
28S 32W 24BCC 01	QU,TO	229.5	-55	-47.9	2.1	-1.2	-2.4	374	320	-14
28S 34W 13BBB 01	QU,TO	366.9	-120	-106.1	-6.7	-2.6	-5.3	300	180	-40
29S 34W 15DAB 01	QU,TO									
29S 31W 09CB 01	QU,TO	220.0	-54	-50.5	-3.3	-1.2	-2.5	300	246	-18
29S 31W 34BCA 01	QU,TO	222.4	-54	-49.6	-3.9	-1.2	-2.5	300	246	-18
29S 32W 04AAA 01		247.3								
29S 32W 19CCC 01	QU,TO	291.6	-84	-73.4	-5.1	-1.8	-3.7	390	306	-22
29S 32W 26CBB 02	QU,TO	257.5	-67	-53.4	-2.2	-1.5	-2.7			
29S 33W 01AAB 01	QU,TO	329.0	-116	-102.7	-1.4	-2.5	-5.1	388	272	-30
29S 33W 23BCB 01	QU,TO									
29S 33W 34DDC 01		310.0			-5.4					
29S 34W 11CCC 01		306.7								
30S 31W 24EBC 01		204.5								
30S 31W 26ABB 01		229.2			-1.9					
30S 32W 11BBB 01	QU,TO	263.1	-75	-60.7	-10.2	-1.6	-3.0	372	297	-20
30S 32W 31BAB 01	QU,TO	259.4	-65	-57.4	-2.8	-1.4	-2.9	272	207	-24
30S 33W 06DBD 01	QU,TO	301.7	-69	-60.3	-3.6	-1.5	-3.0	363	294	-19
30S 33W 30CBD 01	QU,TO	265.7	-51	-45.9	-3.2	-1.1	-2.3	298	247	-17
30S 34W 05BBB 01	QU,TO	302.2	-79	-69.4	6.1	-1.7	-3.5	308	229	-26
30S 34W 30ADD 02		105.5	-43		-9.3	-.9				



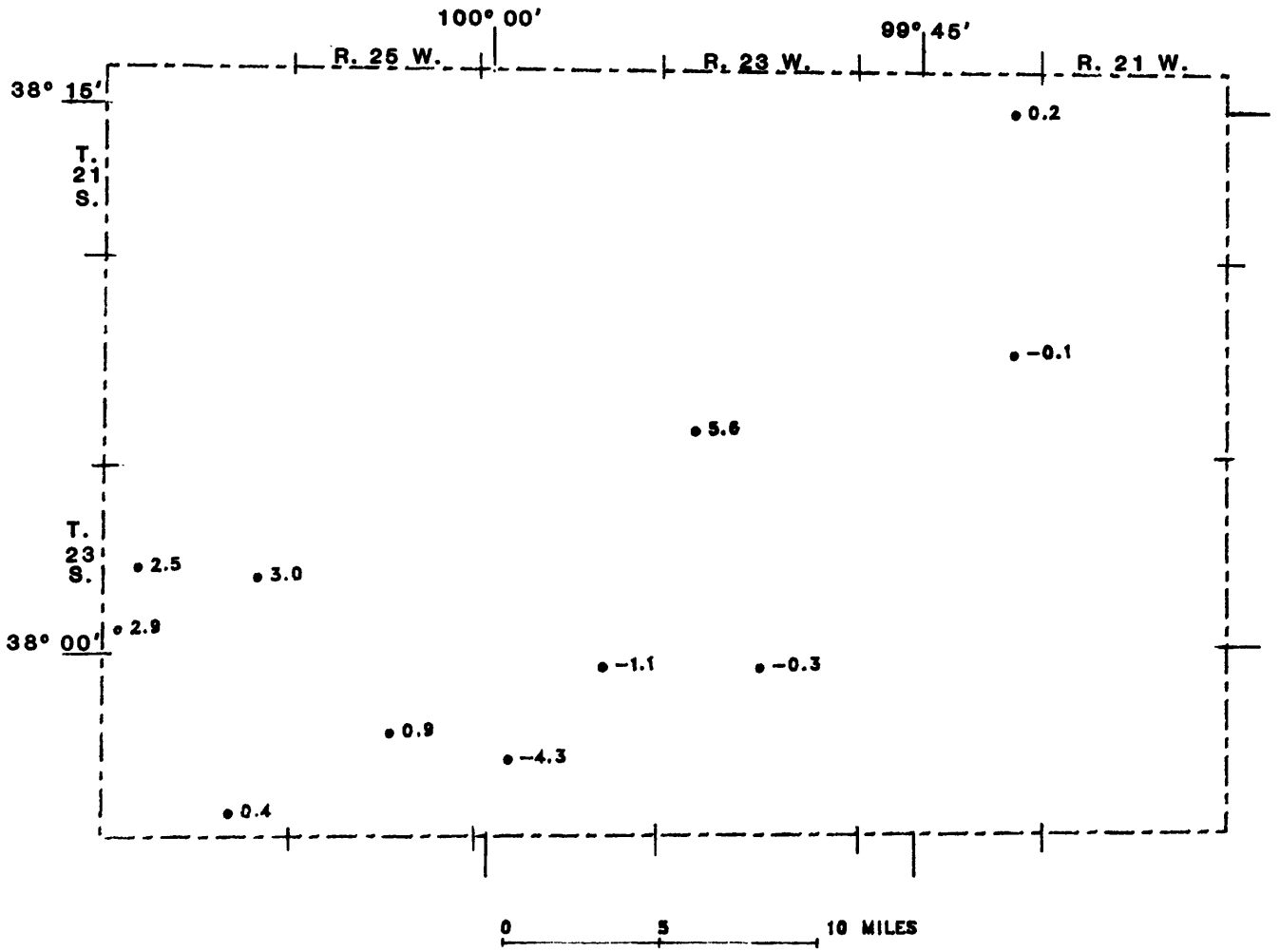
WATER–LEVEL CHANGE IN HASKELL COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, HODGEMAN 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
21S 22W 12BCB 01	QA	2156.			35.5	51.6		50.2	51.1	50.6	51.3	51.1
22S 22W 13CCC 01	QA	2152.			24.0	28.5	29.7	28.3	28.3	31.1	34.0	34.1
22S 23W 31ADD 01		2340.				143.8		143.5			146.5	140.9
22S 24W 14BBC 01	KD	2460.				286.9		276.7		280.9	273.3	266.3
22S 24W 15BDA 01	KD	2463.						278.0		282.3	271.6	265.3
22S 24W 16ADB 02	KD	2465.						271.7			269.7	262.2
22S 24W 24DDD 01	KD	2360.				180.8		170.2	183.4	180.2	171.9	
22S 24W 25DDC 01	KD	2332.				154.6		145.9	156.5	154.4		138.7
22S 24W 26DDA 01	KD	2365.				159.0		159.6	157.0	150.1	158.7	
22S 24W 35DAC 01	KD	2312.				137.4		126.4	140.5	135.8	136.0	127.7
23S 22W 07DAA 01	KD	2239.				94.1		83.0	78.9	77.4	79.1	78.2
23S 23W 04AAD 01	KD	2235.				36.5	43.0	33.9	36.7	40.0	33.7	32.4
23S 23W 04DCA 01	KD	2236.				42.1	35.0	35.9	40.4	42.7	38.7	33.0
23S 23W 12ABD 01	KD	2256.						96.7	84.0	79.4	82.4	88.3
23S 24W 11DAA 01	KD	2335.				170.7	163.2	145.4	152.1	155.0		138.2
23S 25W 22DBB 01	KD	2522.					275.6	267.5	264.8	267.3	265.5	259.1
23S 26W 07CCC 01	KD	2612.				315.3	327.7			323.3	323.2	325.3
23S 26W 20CCC 01		2594.									48.7	46.2
23S 26W 26AAD 01		2590.									70.7	67.7
23S 26W 31CDD 01	TO	2621.	122	71		71.4	71.3	70.6	70.6	69.6	70.4	67.5
24S 21W 20CBB 01	KD	2348.				78.3	78.8	77.6	77.3	77.7	77.8	79.2
24S 23W 03CCC 01	TO	2422.	90			58.6	56.2	56.1	56.3	57.7	57.0	57.3
24S 23W 06AAB 01	KD	2457.				219.9		220.6	264.0	215.1	214.7	212.1
24S 24W 02CCC 01	TO	2478.	90			53.0		54.6	54.9		58.3	59.4
24S 24W 20CCC 01	TO	2511.	86			64.2	64.3	65.8	65.1	63.6	64.1	63.4
24S 25W 22BAB 01		2545.									85.0	84.1
24S 26W 35CBC 01	TO	2608.		63			62.8	62.4	61.6	61.9	61.5	61.1

TABLE 1.-- SELECTED HYDROLOGIC DATA, HODGEMAN COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1955-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
21S 22W 12BCB 01	QA	51.1		-15.6	0.2		-0.8			
22S 22W 13CCC 01	QA	34.1		-10.0	-.1		-.5			
22S 23W 31ADD 01		140.9			5.6					
22S 24W 14BBC 01	KD	266.3			7.0					
22S 24W 15BDA 01	KD	265.3			6.3					
22S 24W 16AOB 02	KD	262.2			7.5					
22S 24W 24DDD 01	KD									
22S 24W 25DDC 01	KD	138.7								
22S 24W 26DDA 01	KD									
22S 24W 35DAC 01	KD	127.7			10.3					
23S 22W 07DAA 01	KD	78.2			.9					
23S 23W 04AAD 01	KD	32.4			1.3					
23S 23W 04DCA 01	KD	33.0			5.7					
23S 23W 12ABD 01	KD	88.3			-5.9					
23S 24W 11DAA 01	KD	138.2								
23S 25W 22DBB 01	KD	259.1			6.4					
23S 26W 07CCC 01	KD	325.3			-2.1					
23S 26W 20CCC 01		46.2			2.5					
23S 26W 26AAD 01		67.7			3.0					
23S 26W 31CDD 01	TD	67.5	4		2.9	0.1		51	55	8
24S 21W 20CBB 01	KD	79.2			-1.4					
24S 23W 03CCC 01	TD	57.3			-.3				33	
24S 23W 06AAB 01	KD	212.1			2.6					
24S 24W 02CCC 01	TD	59.4			-1.1				31	
24S 24W 20CCC 01	TD	68.4			-4.3				18	
24S 25W 22BAB 01		34.1			.9					
24S 26W 35CBC 01	TD	61.1	2		.4					



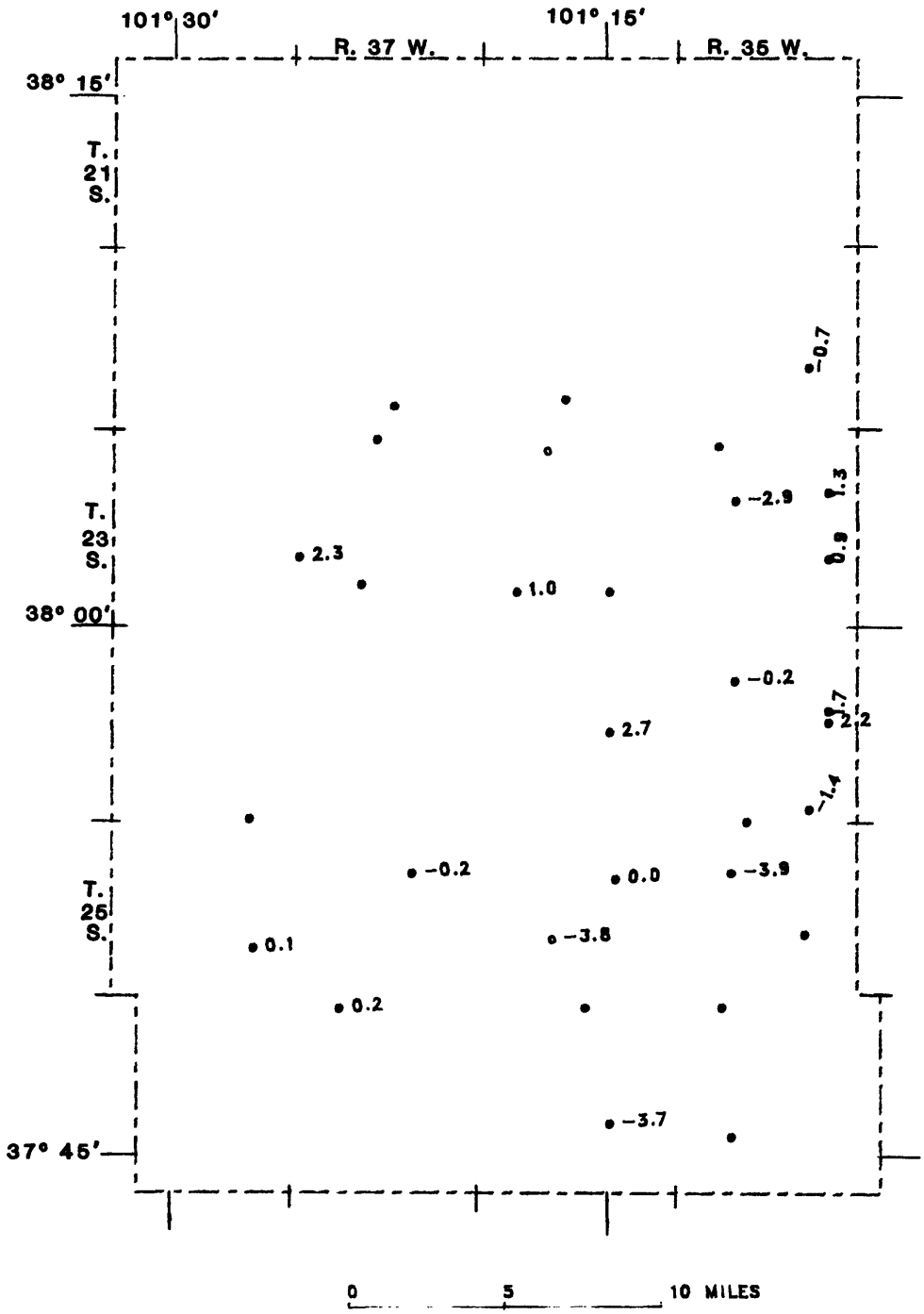
WATER–LEVEL CHANGE IN HODGEMAN COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, KEARNY 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
22S 35W 23CDD 01	TO	3025.	175	95	107.6	125.4	126.0	127.4	128.4	129.3	130.8	131.5
22S 36W 29DCC 01		3215.	210	167							177.7	
22S 37W 34BBC 01		3230.										135.2
23S 35W 05ACC 01	TO	3096.	180	118	122.7	149.6	149.1				150.9	
23S 35W 12CCC 01	QU,TC	3009.	369	67	79.1	150.7	159.4	156.8	168.1	161.5	154.6	153.3
23S 35W 16BBC 01		3038.	263	52							136.8	139.7
23S 35W 25BBB 02	QU,TC	3005.	385	46	59.1	119.4		128.0	132.7	125.2	121.1	120.2
23S 36W 04CBB 01	TO	3183.	198	142	132.9	142.6	143.7	142.2	147.4	144.9	145.4	
23S 36W 32BBB 01	TO	3234.	305	189	218.0	237.6	236.8	236.6	238.5	236.8	236.9	235.9
23S 36W 35BBB 01		3193.	293	169							214.0	
23S 37W 04ABC 01	TO	3281.	233	193		188.7	189.0	188.8	190.2	190.7	200.3	
23S 37W 19CCC 01	TO	3326.	294	223	232.9	258.4		256.7	255.7	247.4	246.7	244.4
23S 37W 28CC3 01	TO	3303.	300	218	236.9	260.5	257.9	256.9	258.9	256.1	255.1	
24S 35W 09CCC 01	QU,TC	2993.	358	30	31.0	54.2	50.6	55.7	64.6	48.0	42.4	42.6
24S 35W 13CCC 02	QA	2941.	346	12	8.2	22.6	22.7	23.7	23.7	19.2	18.2	16.5
24S 35W 24BCB 01	QA	2941.	341	11							29.3	27.1
24S 36W 23CBB 02	QU,TC	3014.	310	26	24.8	40.6		40.5	38.8	38.7	34.6	31.9
25S 35W 02BAA 01	QU,TC	2990.	400	52		89.5	91.1	94.3	95.8	96.2	99.3	100.7
25S 35W 04BDD 01		2990.	410	40							41.9	
25S 35W 17AAA 01	QU,TC	2995.	405	37		80.9	82.3	84.5	88.9	88.7	90.7	94.6
25S 35W 26BAB 01	QU,TC	3005.	450	70		100.3	103.8	109.2	112.4	113.1	115.7	
25S 36W 14B 01											99.9	99.9
25S 36W 28BBD 01	QU,TC	3050.	362	51		73.4	86.0	90.2	93.5	96.5	97.2	91.0
25S 37W 15ABA 02	QA	3050.	30	5		13.5	9.6	9.9	9.6	9.2	8.8	9.0
25S 37W 25BAD 02	QU,TC,KJ	3056.	156	41	38.1	61.5	63.4	64.9	66.4	66.9		69.1
25S 38W 02BDA 01		3170.									96.7	
25S 38W 03CAA 01	QU,TC,KJ	3140.	90	30	37.5	43.2	43.7	44.4	44.5	44.7	38.6	45.0
25S 38W 20ACC 01	QU,TC,KJ	3175.	75	65	63.2	69.3	70.5	70.7	70.6	70.7	70.8	71.0
25S 38W 26ACC 01	QU,TC	3145.	145	63	65.4	72.8	77.4	79.9	81.3	81.6	77.6	77.5
26S 35W 06ACC 01	QU	3008.	418	58	60.7		89.9	91.0	95.9			
26S 35W 29BBD 01		3045.		113			157.9	163.6	167.6	169.8	172.4	
26S 36W 04BDA 01	QU	3034.	354	52	55.8		79.9	83.4	85.3	88.3	91.3	
26S 36W 22CCA 01		3090.	440	125				160.7	163.3	165.9	168.9	172.6
26S 37W 06ACB 01	QU,TC	3092.	102		26.1	35.3	30.5	30.3	29.9	29.9	30.9	30.7

TABLE 1.-- SELECTED HYDROLOGIC DATA, KEARNY COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
22S 35W 23CDD 01	TO	131.5	-37	-23.9	-0.7	-0.8	-1.2	80	44	-45
22S 36W 28DCC 01										
22S 37W 34BBC 01		135.2								
23S 35W 05ACC 01	TO									
23S 35W 12CCC 01	QU,TO	153.3	-86	-74.2	1.3	-1.9	-3.7	302	216	-28
23S 35W 16BBC 01		139.7	-88		-2.9	-1.9		211	123	-42
23S 35W 25BBB 02	QU,TO	120.2	-74	-61.1	.9	-1.6	-3.1	339	265	-22
23S 36W 04CBB 01	TO									
23S 36W 32BBB 01	TO	235.9	-47	-17.8	1.0	-1.0	-.9	116	69	-41
23S 36W 35BBB 01										
23S 37W 04ABC 01	TO									
23S 37W 19CCC 01	TO	244.4	-21	-11.5	2.3	-.5	-.6	71	50	-30
23S 37W 28CCB 01	TO									
24S 35W 09CCC 01	QU,TO	42.6	-13	-11.6	-.2	-.3	-.6	328	315	-4
24S 35W 13CCC 02	QA	16.5	-5	-8.2	1.7	-.1	-.4	334	330	-1
24S 35W 24BCB 01	QA	27.1	-16		2.2	-.3		330	314	-5
24S 36W 23CBB 02	QU,TO	31.9	-6	-7.0	2.7	-.1	-.4	284	278	-2
25S 35W 02BAA 01	QU,TO	100.7	-49		-1.4	-1.1		348	299	-14
25S 35W 04BDD 01										
25S 35W 17AAA 01	QU,TO	94.6	-58		-3.9	-1.3		368	310	-16
25S 35W 26BAB 01	QU,TO									
25S 36W 14B 01		99.9			0.0					
25S 36W 28BBD 01	QU,TO	91.0	-40		-3.9	-.9		311	271	-13
25S 37W 15ABA 02	QA	9.0	-4		-.2	-.1		25	21	-16
25S 37W 25BAD 02	QU,TO,KJ	69.1	-28	-31.0		-.6	-1.6			
25S 38W 02BDA 01										
25S 38W 08CAA 01	QU,TO,KJ	45.0	-15	-7.4	-6.4	-.3	-.4			
25S 38W 20ACC 01	QU,TO,KJ	71.0	-6	-7.7	-.2	-.1	-.4			
25S 38W 26ACC 01	QU,TO	77.5	-15	-12.1	.1	-.3	-.6	82	68	-17
26S 35W 06ACC 01	QU									
26S 35W 29BBD 01										
26S 36W 04BDA 01	QU									
26S 36W 22CCA 01		172.6	-48		-3.7	-1.0		315	267	-15
26S 37W 06ACB 01	QU,TO	30.7		-4.4	.2		-.2		71	



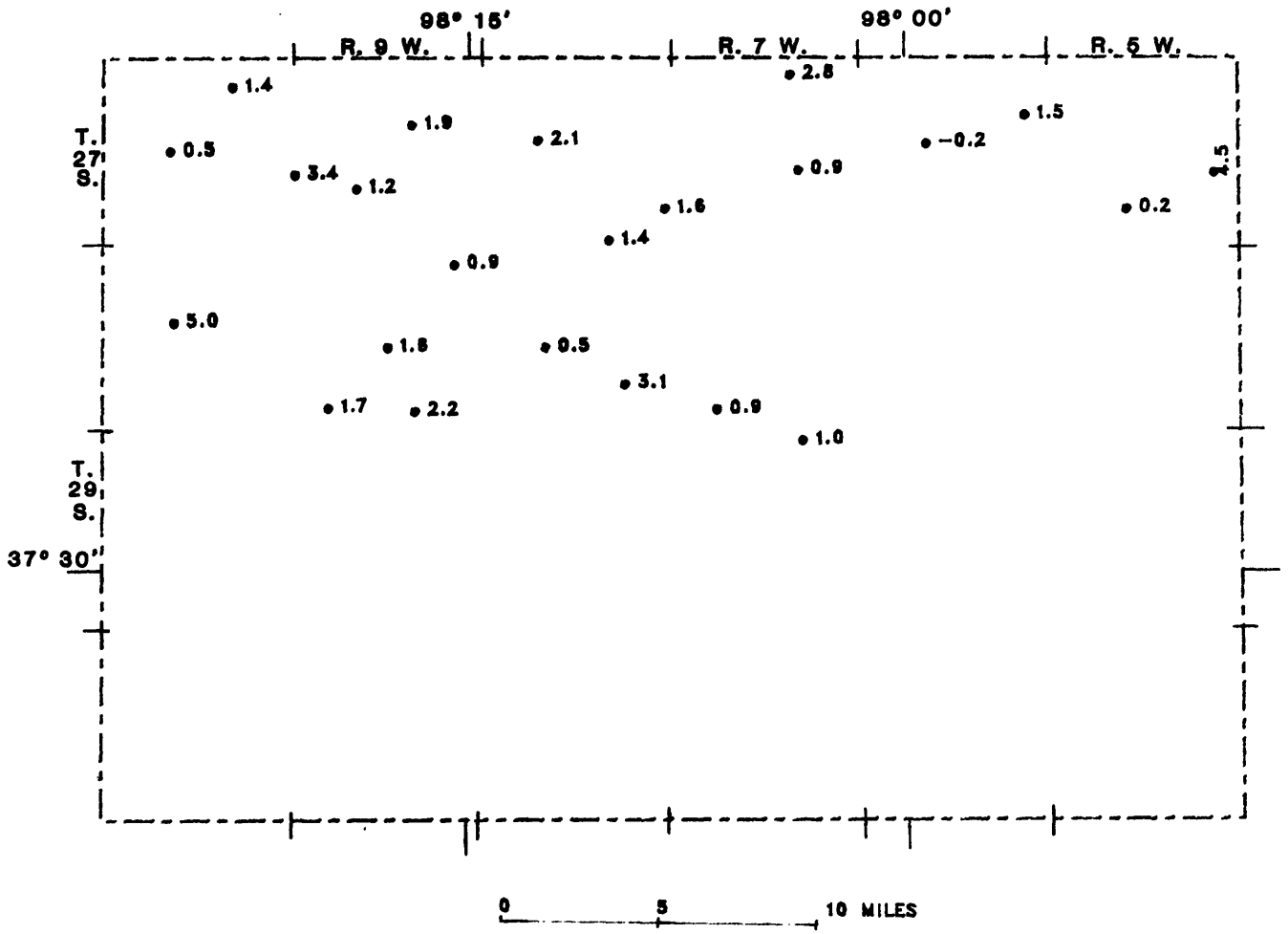
WATER–LEVEL CHANGE IN KEARNY COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, KINGMAN 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
27S 05W 24CDC 01	QU	1477.		14	12.6	16.7	17.1	16.4	15.4	15.7	15.6	11.1
27S 05W 33ABB 02	QU	1460.	60	25	4.0	4.2		6.8	7.5	9.0	3.9	3.7
27S 06W 12CCD 01	QU	1488.		7	6.6	6.2	13.5	9.6	10.8	8.9	8.6	7.1
27S 06W 16CCC 01		1462.	17	1	.9	1.9	3.9	2.9	3.3	2.5	2.4	2.6
27S 07W 03ADC 01	QU	1545.	25	20	8.2	8.9	12.8	11.0	11.1	8.9	8.4	5.6
27S 07W 23BCC 01	QU	1567.	14		7.3	7.9	8.4	8.6	8.4	8.0	7.0	6.1
27S 08W 17DAB 01	QU	1663.	118	45	34.4	35.4	35.5	37.2	36.2	37.1	36.8	34.7
27S 08W 25DAD 01		1622.	67				20.5	21.3	20.9	21.9	20.0	18.4
27S 08W 35CBC 01	QU	1610.	54	32	20.4	21.4	23.9	21.7	21.8	22.3	21.7	20.3
27S 09W 15ABA 01	QU	1702.	153	50	49.8	48.6	48.4	49.1	48.3	48.1	47.7	45.9
27S 09W 29AAA 01		1700.		30			23.3	23.8	23.6	24.3	24.3	23.1
27S 10W 03DDD 01	QU	1743.	145	33	51.0	50.0	53.2	50.9	50.9	51.6	52.0	50.6
27S 10W 17DDD 01	QU	1755.	171	77	61.9	61.7	61.3	62.7	62.6	63.2	63.2	62.7
27S 10W 24DAD 01	QU	1692.	117	20	16.0	18.0	15.3	15.9	15.9	16.2	18.4	15.0
28S 07W 29CDD 01	QU	1601.	151	30	26.6	27.2	27.3	27.3	27.0	26.6	25.8	24.9
28S 07W 35CCD 01	QU	1585.		23	21.9	20.0	22.2	21.9	21.9	21.3	21.2	20.2
28S 08W 21BBB 01	QU	1562.	49	1	2.3	2.3	2.6	2.5	2.6	2.8	2.4	1.9
28S 08W 26ABC 01	QU	1652.		77	63.2	61.9	65.1	76.1	69.0	61.6	62.7	59.6
28S 09W 01BCC 01		1580.	55	15	7.5	7.2		7.4	7.7	7.9	7.6	6.7
28S 09W 21AAA 01	QU	1666.	119	34	28.1	29.9	29.3	29.8	28.9	29.3	28.7	27.1
28S 09W 29CCC 01	QU	1708.	107	30	32.7	34.2	34.1	34.1	33.8	33.6	33.0	31.3
28S 09W 34AAB 01	QU	1690.	75	41	42.8	44.8	44.7	44.6	44.2	44.5	43.9	41.7
28S 10W 16BCB 01	QU	1756.	154	51	50.2	51.1	50.6	50.9	50.8	51.2	53.8	48.8

TABLE 1.-- SELECTED HYDROLOGIC DATA, KINGMAN COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
27S 05W 24CDC 01	QU	11.1	3	1.5	4.5	0.1	0.1			
27S 05W 33APB 02	QU	3.7	21	.3	.2	.5		35	56	60
27S 06W 12CCD 01	QU	7.1		-.5	1.5					
27S 06W 16CCB 01		2.6	-2	-1.7	-.2		-.1	16	14	-13
27S 07W 03ADC 01	QU	5.6	14	2.6	2.8	.3	.2	5	19	280
27S 07W 23BCC 01	QU	6.1		1.2	.9		.1		8	
27S 08W 17DAB 01	QU	34.7	10	-.3	2.1	.2		73	83	14
27S 08W 25DAD 01		18.4			1.6				49	
27S 08W 35CBC 01	QU	20.3	12	.1	1.4	.3		22	34	55
27S 09W 15ABA 01	QU	45.8	4	4.0	1.9	.1	.3	103	107	4
27S 09W 29AAA 01		23.1	7		1.2	.2				
27S 10W 03DDD 01	QU	50.6	-18	.4	1.4	-.4		112	94	-16
27S 10W 17DDD 01	QU	62.7	14	-.8	.5	.3	-.1	94	108	15
27S 10W 24DAD 01	QU	15.0	5	1.0	3.4	.1	.1	97	102	5
28S 07W 29CDD 01	QU	24.9	5	1.7	.9	.1	.1	121	126	4
28S 07W 35CCD 01	QU	20.2	3	1.7	1.0	.1	.1			
28S 08W 21BBB 01	QU	1.9	-1	.4	.5			48	47	-2
28S 08W 29ABC 01	QU	59.6	17	3.6	3.1	.4	.3			
28S 09W 01BCC 01		6.7	8	.8	.9	.2	.1	40	48	20
28S 09W 21AAA 01	QU	27.1	7	1.0	1.6	.2	.1	84	91	8
28S 09W 29CCC 01	QU	31.3	-1	1.4	1.7		.1	77	76	-1
28S 09W 34AAB 01	QU	41.7	-1	1.1	2.2		.1	34	33	-3
28S 10W 16BCB 01	QU	48.8	2	1.4	5.0		.1	103	105	2



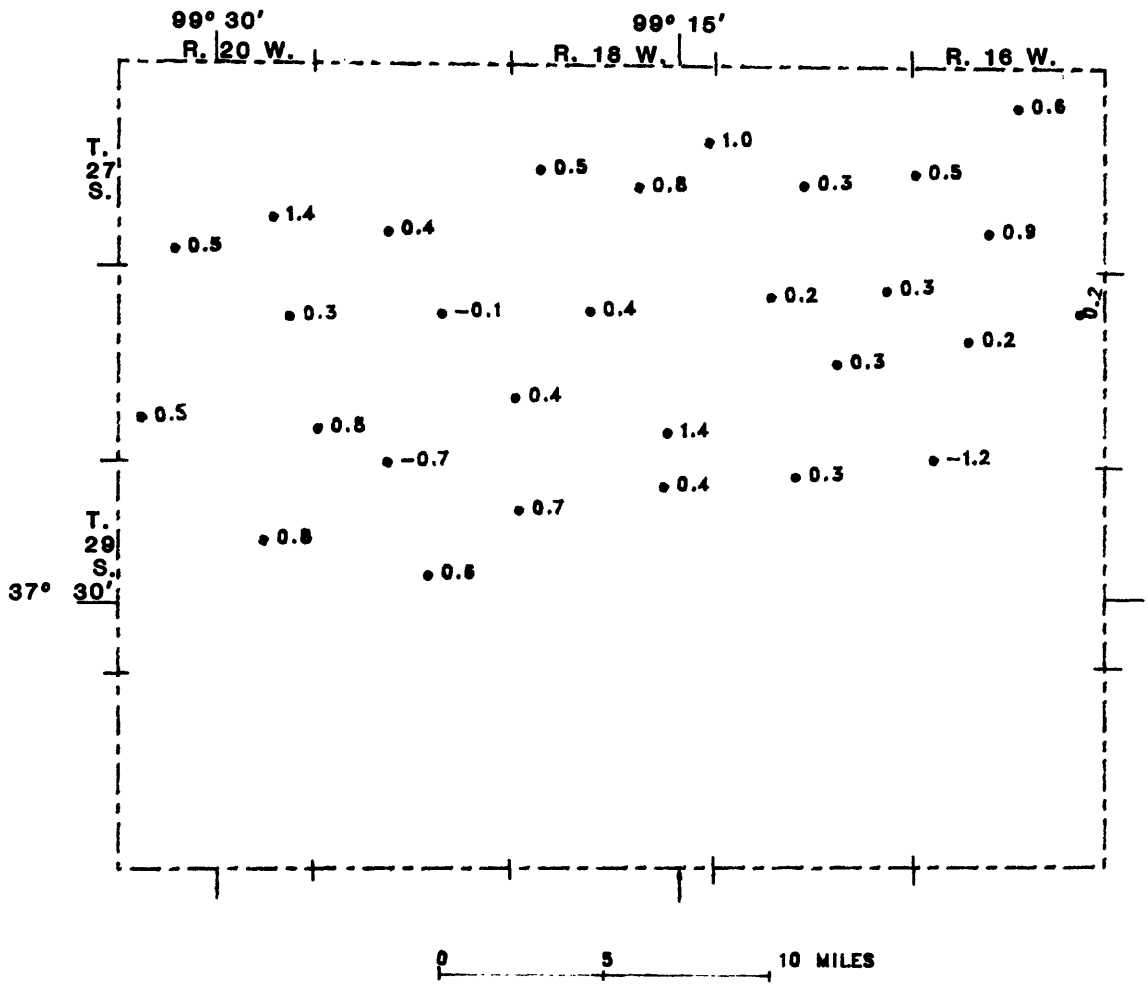
WATER–LEVEL CHANGE IN KINGMAN COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, KIOWA 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
27S 16W 10BAC 01	QU	2088.	245	28	12.1	21.9	22.3	23.0	25.7	25.4	26.0	25.4
27S 16W 19BBD 01	QU	2112.	182	37	20.3	28.7	29.5	30.3	31.8	32.2	32.6	32.1
27S 16W 29CDD 01	QU	2120.	168	65	56.7	61.5	61.5	62.5	64.9	66.0	66.5	65.6
27S 17W 21ADC 01	QU	2140.	175	39	24.4	32.1	33.0	33.0	34.4	33.8	34.4	34.1
27S 18W 13AAA 01	QU	2152.	219	24	15.6	21.3	21.6	22.9	24.1	23.8	24.3	23.3
27S 18W 18DDC 01	QU	2192.	187	26	15.7	15.7		17.0	18.1	17.6	19.4	18.9
27S 18W 22ADC 01	QU	2175.	210	29	14.1	21.0	21.2	23.2	23.7	23.9	23.9	23.1
27S 19W 29CBD 01	QU	2262.	187	60	67.9	70.1	71.8	73.2	73.3	73.2	73.7	73.3
27S 20W 26ABD 01	QU	2274.	174	39	40.6	42.2	41.8	42.5	44.3	45.0	44.3	42.9
27S 20W 32ABD 01	QU	2308.	108	36	45.2	44.5	44.7	44.5	45.2	45.3	46.5	46.0
28S 16W 12BCA 01	QU	2111.	211	92	101.0	98.5	97.7	98.2	99.1	98.4	101.1	100.9
28S 16W 17AAC 01	QU	2165.	245	120	118.0	119.9		115.6	116.3	116.0	117.3	117.1
28S 16W 31DCA 01		2110.	192	75							70.3	71.5
28S 17W 01CAB 01	QU	2135.	180	65	55.6	57.1	57.9	58.6	59.6	59.7	60.1	59.8
28S 17W 05DDB 01	QU	2163.	163	65	62.0	56.3	56.9	57.3	58.1	58.0	60.5	60.3
28S 17W 15DDB 01	QU	2178.	191	105	96.0	95.3	95.4	95.5	96.0	96.4	97.0	96.7
28S 18W 09BAC 01	QU	2221.	182	66	61.7	62.0	62.6	63.3	64.0	64.7	64.9	64.5
28S 18W 19CCB 01	QU	2268.		103	88.0	86.9	87.6	87.7	88.1	88.6	89.0	88.6
28S 18W 26DCA 01	QU	2231.	181	119	119.0	118.0		117.7	120.0	120.5	121.3	119.9
28S 19W 10AAC 01	TO							92.9	92.5	92.3	92.7	92.8
28S 19W 30CBC 01	QU	2335.	185	116	115.0	113.1	113.7	112.9	112.7	113.5	113.4	112.6
28S 19W 33CBD 01	QU	2325.	220	133	134.0	133.5	133.8	133.9	133.1	135.5	133.2	133.9
28S 20W 12BBD 01	QU	2288.	190	64	55.7	55.4	55.8	56.3	56.9	57.0	57.5	57.2
29S 20W 30ACA 01	QU	2319.	69	32	39.4	40.9	41.5	42.4	41.4	41.7	42.1	41.6
29S 17W 04ABC 01	QU	2125.	122	60	50.0	51.7	51.4	51.9	52.1	51.9	51.9	51.6
29S 18W 02ACC 01	TO	2251.	196				143.6	143.3	143.4	144.4	143.4	143.0
29S 18W 07BBD 01	QU	2311.	256	155	153.5	154.1	155.2	154.1	153.8	155.2	154.0	153.3
29S 19W 22BAA 01	QU	2340.	250	158	157.0	156.5	156.8	155.6	156.3	157.7	156.7	156.1
29S 20W 11CDD 01	QU	2398.		170	168.0	167.0	167.4	167.4	167.1	166.8	166.9	166.1

TABLE 1.-- SELECTED HYDROLOGIC DATA, KIOWA COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
27S 16W 10BAC 01	QU	25.4	3	-13.3	0.6	0.1	-1.1	220	223	1
27S 16W 19BBD 01	QU	32.1	5	-11.8	.5	.1	-1.0	145	150	3
27S 16W 23CDD 01	QU	65.6	-1	-8.9	.9		-.7	103	102	-1
27S 17W 21ADC 01	QU	34.1	5	-9.7	.3	.1	-.8	136	141	4
27S 18W 13AAA 01	QU	23.3	1	-7.7	1.0		-.6	195	196	1
27S 18W 19DDC 01	QU	18.9	7	-3.2	.5	.2	-.3	161	168	4
27S 18W 22ADC 01	QU	23.1	6	-9.0	.8	.1	-.8	181	187	3
27S 19W 28CBD 01	QU	73.3	-13	-5.4	.4	-.3	-.5	127	114	-10
27S 20W 26ABD 01	QU	42.9	-5	-2.3	1.4	-.1	-.2	136	131	-4
27S 20W 32ABD 01	QU	46.0	-10	-.8	.5	-.2	-.1	72	62	-14
28S 16W 12BCA 01	QU	100.9	-9	.1	.2	-.2		119	110	-9
28S 16W 17AAC 01	QU	117.1	3	.9	.2	.1	.1	125	128	2
28S 16W 31DCA 01		71.5	4		-1.2	.1		117	121	3
28S 17W 01CAB 01	QU	59.8	5	-4.2	.3	.1	-.4	115	120	4
28S 17W 05DDB 01	QU	60.3	5	1.7	.2	.1	.1	98	103	5
28S 17W 15DDB 01	QU	96.7	8	-.7	.3	.2	-.1	86	94	9
28S 18W 09BAC 01	QU	64.5	2	-2.8	.4		-.2	116	118	2
28S 18W 19CCB 01	QU	88.6	14	-.6	.4	.3	-.1			
28S 19W 26DCA 01	QU	119.9	-1	-.9	1.4		-.1	62	61	-2
28S 19W 10AAC 01	TO	92.8			-.1					
28S 19W 30CBC 01	QU	112.6	3	2.4	.8	.1	.2	69	72	4
28S 19W 33CBD 01	QU	133.9	-1	.1	-.7			87	86	-1
28S 20W 12BBD 01	QU	57.2	7	-1.5	.3	.2	-.1	126	133	6
28S 20W 30ACA 01	QU	41.6	-10	-2.2	.5	-.2	-.2	37	27	-27
29S 17W 04ABC 01	QU	51.6	8	-1.6	.3	.2	-.1	62	70	13
29S 18W 02ACC 01	TO	143.0			.4				53	
29S 18W 07BBD 01	QU	153.3	2	.3	.7			101	103	2
29S 19W 22BAA 01	QU	156.1	2	.9	.6		.1	92	94	2
29S 20W 11CDD 01	QU	166.1	4	1.9	.3	.1	.2			



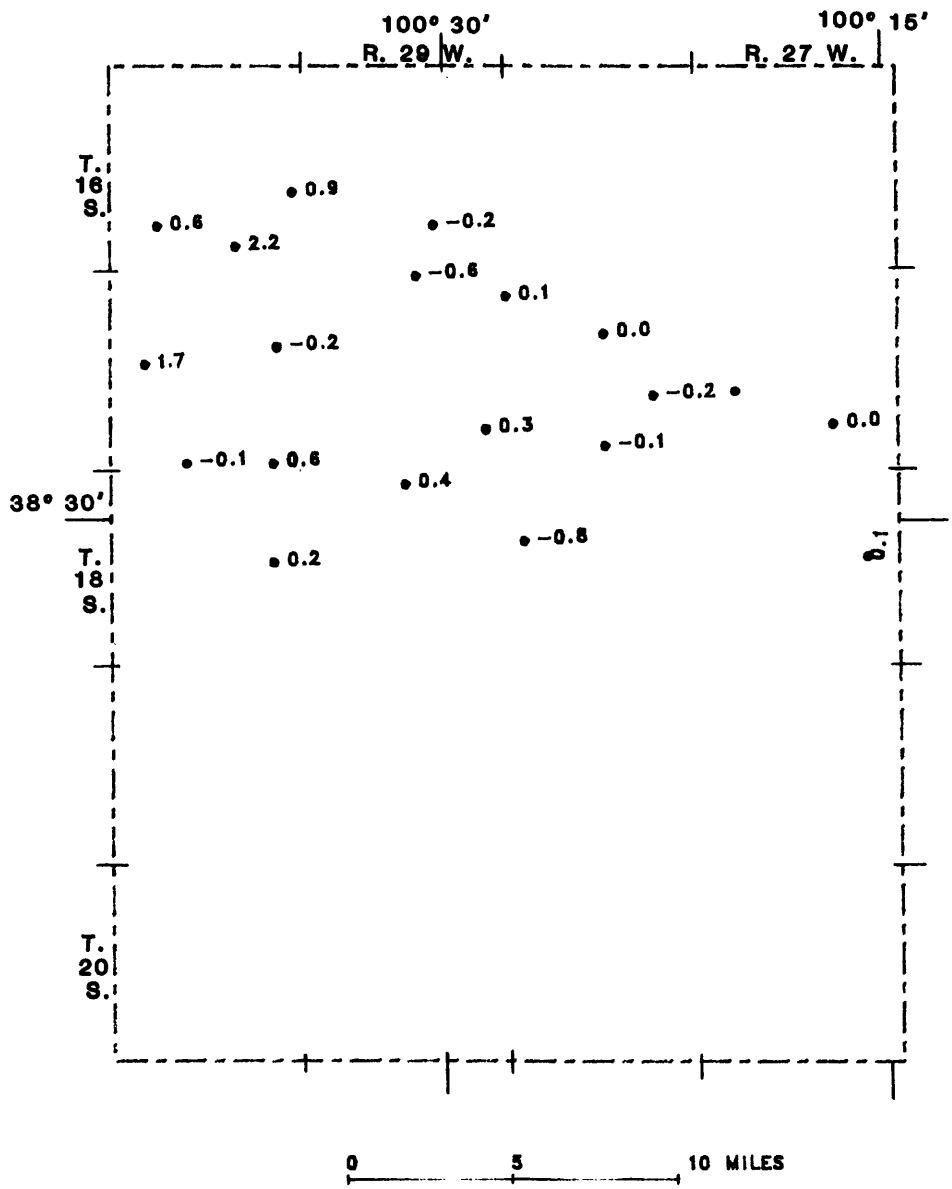
WATER–LEVEL CHANGE IN KIOWA COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, LANE 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
16S 29W 24CCD 01	TO	2803.	140	90	89.2	101.4	102.2	103.1		104.7	105.0	105.2
16S 30W 24DCC 01	TO	2840.	155	109		118.9	119.9	120.4		121.5	121.4	120.5
16S 30W 29CDD 01	TO	2884.	174	121		125.5	127.9	127.8	125.3	128.6	128.5	127.9
16S 30W 34DAB 01	TO	2857.	172	116		119.8		128.5	131.7	127.5	125.2	123.0
17S 27W 2CCCC 01	TO	2717.	127	84		99.4			102.7	102.2	102.4	
17S 27W 26CCC 01	TO	2678.	127	80		95.9	96.4	96.8	96.3	96.8	96.7	96.7
17S 28W 07BBB 01	TO	2785.	170	93		95.6	97.7		98.0	99.2	98.5	99.4
17S 28W 15BBC 01	TO	2760.	150	84		104.6	104.1	103.7	103.5	104.6	104.8	104.8
17S 28W 26ABB 01	TO	2735.	140	85	88.2	100.3	102.0	100.4	101.3	102.9	102.1	102.3
17S 28W 34CBB 01	TO	2747.	132	78		89.0	91.0	89.3	89.9	90.3	90.6	90.7
17S 29W 03BDC 01	TO	2816.	156	102		110.8	112.6	113.4	113.7	116.3	114.2	114.8
17S 29W 36BAA 01	TO	2734.	119	70		83.7	83.8	84.7	84.9	84.9	85.5	85.2
17S 30W 13CBB 01	TO	2846.	151	84	83.9	88.4	88.9	89.5	89.8	90.3	90.6	90.5
17S 30W 20BBB 01	TO	2889.	165	87		98.5		107.6	102.6	101.9	104.2	102.5
18S 27W 13CCC 01	TO	2674.	95	88	86.1	86.3	86.0	86.1	86.2	86.5	86.4	86.3
18S 28W 18ACC 01	TO	2764.	95	51		72.8		68.8			68.3	69.1
18S 29W 04DAD 01	TO	2801.	110	56		65.2	65.5	66.3	66.1	66.9	66.9	66.5
18S 30W 02AAA 01	TO	2849.	124	68		84.1	86.6	85.8	88.0	87.8	86.9	86.3
18S 30W 04BAB 01	TO	2872.	125	69		72.0		73.2		75.1	74.7	74.8
18S 30W 23AAA 01	TO	2945.	150	55		64.1		67.5	65.3	65.9	64.6	64.4

TABLE 1.-- SELECTED HYDROLOGIC DATA, LANE COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
16S 29W 26CCD 01	TO	105.2	-15	-15.9	-0.2	-0.4	-0.8	50	35	-30
16S 30W 24DCC 01	TO	120.5	-12		.9	-.3		46	35	-24
16S 30W 29CDD 01	TO	127.9	-7		.6	-.2		53	46	-13
16S 30W 34DAB 01	TO	123.0	-7		2.2	-.2		56	49	-13
17S 27W 20CCC 01	TO									
17S 27W 26CCC 01	TO	96.7	-17		0.0	-.5		47	30	-36
17S 28W 07BBB 01	TO	99.4	-15		.1	-.4		87	72	-17
17S 28W 15BBC 01	TO	104.9	-21		0.0	-.6		66	45	-32
17S 28W 26ABB 01	TO	102.3	-17	-14.0	-.2	-.5	-.7	55	38	-31
17S 29W 34CBB 01	TO	90.7	-13		-.1	-.4		54	41	-24
17S 29W 03BDC 01	TO	114.8	-13		-.6	-.4		54	41	-24
17S 29W 36BAA 01	TO	85.2	-15		.3	-.4		49	34	-31
17S 30W 13CBB 01	TO	90.8	-7	-6.9	-.2	-.2	-.3	67	60	-10
17S 30W 20BBB 01	TO	102.5	-16		1.7	-.4		78	63	-19
18S 27W 13CCC 01	TO	86.3	2	-.2	.1	.1		7	9	29
18S 28W 18ACC 01	TO	69.1	-18		-.8	-.5		44	26	-41
18S 29W 04DAD 01	TO	66.5	-11		.4	-.3		54	44	-19
18S 30W 02AAA 01	TO	86.3	-18		.6	-.5		56	38	-32
18S 30W 04BAB 01	TO	74.8	-6		-.1	-.2		56	50	-11
18S 30W 23AAA 01	TO	64.4	-9		.2	-.3		95	86	-9



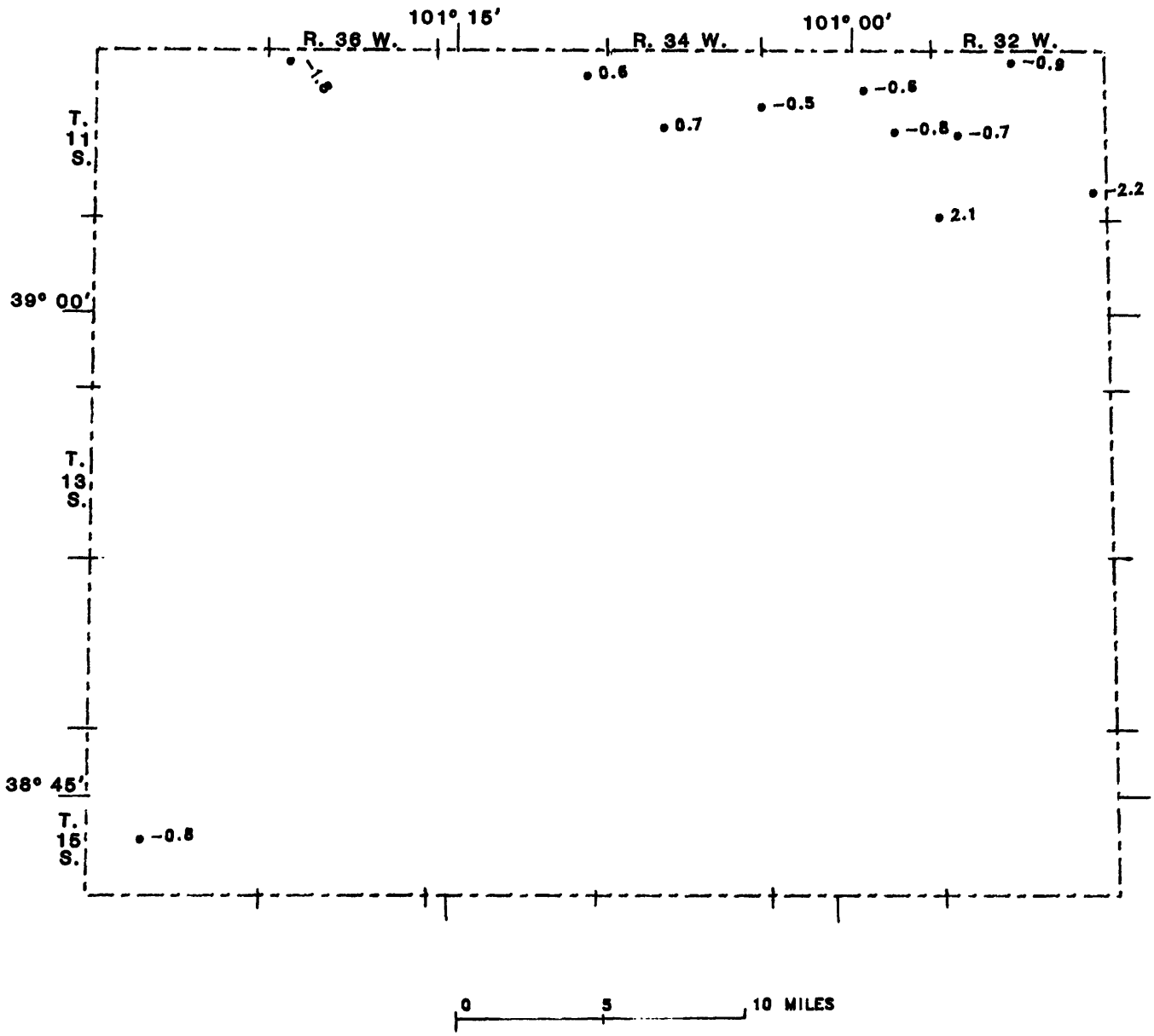
WATER–LEVEL CHANGE IN LANE COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, LOGAN COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1960 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
11S 32W 04ACD 01	TO	3054.	205	96	102.0		111.7	111.8	110.5	112.8	110.5	111.7
11S 32W 19AAB 01	TO	3077.	193	92		102.4	102.9	103.1	102.3	102.3	103.0	103.7
11S 32W 31CCC 01		3054.									70.3	69.7
11S 32W 36ABA 01	TO	3009.									89.2	91.4
11S 33W 10BDC 01		3113.									116.0	116.6
11S 33W 14DCC 01	TO	3117.									130.5	131.3
11S 34W 13AAB 01	TO	3184.									143.3	143.9
11S 34W 16CDB 01	TO	3219.	170	122	118.4	121.1		119.8	119.7	120.1	121.8	121.1
11S 35W 01DCC 01	TO	3263.									154.1	153.5
11S 36W 06ADD 02	TO	3380.	220	142	137.0		162.5	165.1	164.5	164.6	165.8	167.6
15S 37W 29AAA 01	TO	3420.	60				34.2	35.6	34.5	32.8	32.1	32.9

TABLE 1.-- SELECTED HYDROLOGIC DATA, LOGAN COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
11S 32W 04ACD 01	TO	111.7	-16	-9.7	-0.9	-0.4	-0.5	112	96	-14
11S 32W 19AAB 01	TO	103.7	-12		-.7	-.3		91	79	-13
11S 32W 31CCC 01		68.7			2.1					
11S 32W 36ABA 01	TO	91.4			-2.2					
11S 33W 10BDD 01		116.6			-.6					
11S 33W 14DCC 01	TO	131.3			-.8					
11S 34W 13AAB 01	TO	143.8			-.5					
11S 34W 16CDE 01	TO	121.1	1	-2.6	.7		-.1	48	49	2
11S 35W 01DCC 01	TO	153.5			.6					
11S 36W 06ADD 02	TO	167.6	-26	-30.5	-1.8	-.7	-1.5	78	52	-33
15S 37W 29AAA 01	TO	32.9			-.8				27	



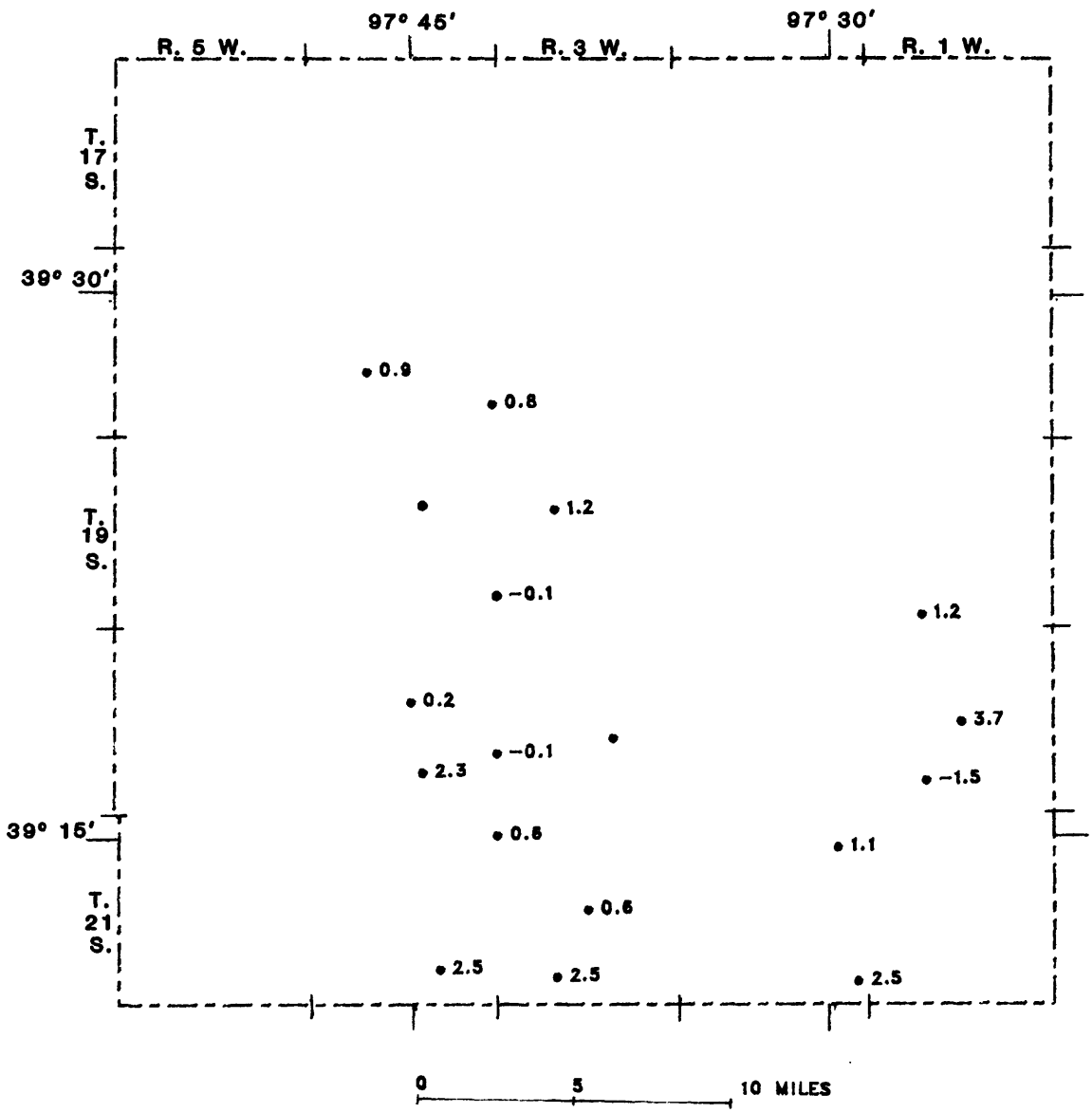
WATER–LEVEL CHANGE IN LOGAN COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, MCPHERSON COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1971 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
18S 03W 30CCC 01	QU	1515.				107.7				111.7	112.0	111.2
18S 04W 21CCC 01	QU	1412.				8.4				11.2	10.5	9.6
19S 01W 32DAC 01	QU	1590.								53.2	47.4	46.2
19S 03W 1CBCB 01	QU	1511.								101.1	101.7	100.5
19S 03W 31BBA 01	QU	1494.									81.1	81.2
19S 04W 15AAC 01		1494.										
20S 01W 22BBB 01	QU	1527.								9.5	11.0	7.3
20S 01W 29DDD 01	QU	1530.									4.7	6.2
20S 03W 22DAA 01	QU	1473.										37.5
20S 03W 30BBA 01	QU	1476.									53.4	53.5
20S 04W 15BDD 01	QU	1474.									52.7	52.5
20S 04W 27DAC 01	QU	1467.									43.0	40.7
21S 02W 12BBB 01	QU	1503.									11.4	10.3
21S 02W 36ACA 01	QU	1475.									11.2	8.7
21S 03W 06CBD 01	QU	1464.									44.8	44.2
21S 03W 22BBB 01	QU	1450.									34.6	34.0
21S 03W 33BBC 01	QU	1461.				46.2				55.8	47.7	45.2
21S 04W 26CDC 01	QU	1445.				26.0					33.8	31.3

TABLE 1.-- SELECTED HYDROLOGIC DATA, MCPHERSON COUNTY -- CONTINUED

	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATUPATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESSS 1950-86
18S 03W 30CCC 01	QU	111.2			0.8					
18S 04W 21CCC 01	QU	9.6			.9					
19S 01W 32DAC 01	QU	46.2			1.2					
19S 03W 16BCB 01	QU	100.5			1.2					
19S 03W 31BBA 01	QU	81.2			-.1					
19S 04W 15AAC 01		85.8								
20S 01W 22BBB 01	QU	7.3			3.7					
20S 01W 29DDD 01	QU	6.2			-1.5					
20S 03W 22DAA 01	QU	37.5								
20S 03W 30BBA 01	QU	53.5			-.1					
20S 04W 15BDD 01	QU	52.5			.2					
20S 04W 27DAC 01	QU	40.7			2.3					
21S 02W 12BBB 01	QU	10.3			1.1					
21S 02W 36ACA 01	QU	8.7			2.5					
21S 03W 06C6D 01	QU	44.2			.6					
21S 03W 22BBB 01	QU	34.0			.6					
21S 03W 33B6C 01	QU	45.2			2.5					
21S 04W 26CDC 01	QU	31.3			2.5					



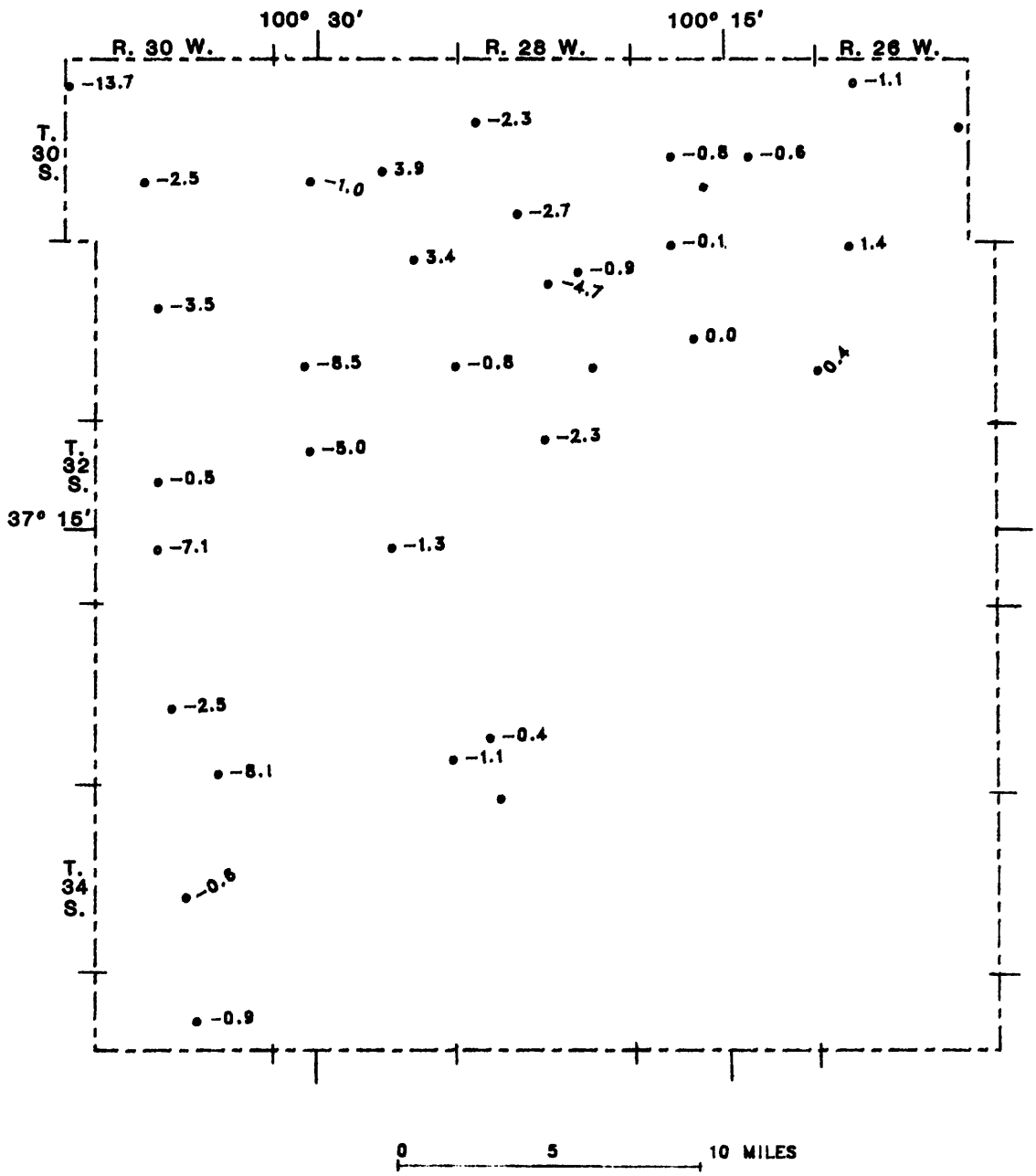
WATER–LEVEL CHANGE IN MCPHERSON COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, MEADE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1965 (FEET)	DEPTH TO WATER 1970 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 19[illegible]6 (FEET)
30S 26W 04CBB 01	QU,TC	2525.	415	11	20.7	41.9	45.7	43.0	47.7	46.5	44.7	45.9
30S 26W 13ABB 01		2575.										54.0
30S 26W 32DDD 01		2429.	382	16							19.3	17.9
30S 27W 20A5A 01											56.0	54.8
30S 27W 23ABB 01	QU,TC	2531.	321	12	16.5	38.4	42.9	39.9	44.0	42.7	41.4	42.0
30S 27W 27BBB 01		2513.										75.5
30S 27W 32DDD 01		2475.	315	26	11.8	3.7	8.9	7.6	9.1	7.5	7.0	7.1
30S 29W 17ABB 01	QU,TC	2697.	517	102	109.6		129.9	132.3	136.1	136.7	139.0	141.3
30S 29W 33AAA 01		2646.	466	85							116.5	119.2
30S 29W 23CAD 01	QU,TC	2744.	544	134	141.3	164.4	167.5	171.1	176.3	179.3	181.9	178.0
30S 29W 25BBB 01	QU,TC	2753.	553	137	137.8	165.1	168.0	172.0	174.7	175.5	175.2	176.2
30S 30W 06CCC 01		2324.	449	152							185.8	199.5
30S 30W 29ABB 01	QU,TC	2803.	508	150	145.9	173.9	177.6	179.8	184.1	183.6	186.1	188.6
31S 26W 30BBB 01	QU,TC	2516.		99		99.9	100.1	101.5	102.5		102.5	102.1
31S 27W 20AAA 02	QU,TC	2466.	326	15		27.9	31.1		30.6	30.0	27.1	27.1
31S 28W 02CCC 01											123.5	124.4
31S 28W 10BCB 01	QU,TC	2643.	463	114	112.2		131.7	131.5	133.1	134.2	134.7	139.4
31S 28W 26ABB 01		2496.										30.5
31S 29W 02DBB 01		2720.	420	130							178.6	175.2
31S 29W 25AAA 02	QU,TC	2698.	438	145	156.5	174.8	176.1	176.5	178.9	177.7	177.5	178.3
31S 29W 30AAA 01	QU,TC	2741.	461	136	130.2	152.2	154.7	158.2	161.3	162.5	160.5	169.0
31S 30W 16BBC 01	QU,TC	2770.	505	136	133.9	169.9	172.4	175.8	177.9	179.3	182.8	186.3
32S 28W 04ADD 01	QU,TC	2546.	366	63	66.1	69.8	70.9	73.7	71.2	72.7	71.6	73.9
32S 29W 05CC 01	QU,TC	2719.	464	139	137.3	157.7	159.2	163.1	163.1	164.0	163.2	168.2
32S 29W 27AAB 02	QU,TC	2688.	555	143			145.2	145.9	147.0	146.9	148.5	149.8
32S 30W 09CCC 01	QU,TC	2764.	504	155	156.7	188.9	134.6	139.1	191.8	191.1	192.4	192.9
32S 30W 28BBC 01	QU,TC	2759.	459	167	170.2	198.5	201.1	201.7	204.3	206.1	205.8	212.9
33S 29W 29BCB 01	TO	2371.	160	14	14.3	16.4	16.5	16.3	16.3	15.9	14.4	14.8
33S 29W 36AAB 01	QU,TC	2463.	293	81	81.3	85.6	86.5	90.7	86.8	86.5	86.0	87.1
33S 30W 21ACC 01		2725.									190.7	193.2
33S 30W 35CB 01	QU,TC	2634.	544	161	157.8	163.5	164.4		175.1		171.1	179.2
34S 28W 05BDA 01		2350.										25.5
34S 30W 22CBC 01	TO,TC	2675.	675	191		194.2	194.5	195.0	196.4	196.2	197.1	197.7
35S 30W 10CDA 01	QA,QL,TO	2393.	318	23	23.1	22.8	25.0	26.1	26.7	25.5	25.0	25.9

TABLE 1.-- SELECTED HYDROLOGIC DATA, MEADE COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
30S 26W 04CBB 01	QU,TO	45.3	-35	-25.1	-1.1	-0.8	-1.3	404	369	-9
30S 26W 13ABB 01		64.0								
30S 26W 32DCD 01		17.9	-2		1.4			372	370	-1
30S 27W 20ABA 01		56.8			-.8					
30S 27W 23ABB 01	QU,TO	42.0	-30	-25.5	-.6	-.7	-1.3	309	279	-10
30S 27W 27BBB 01		25.5								
30S 27W 32DDD 01		7.1	19	4.8	-.1	.4	.2	289	309	7
30S 28W 17ABB 01	QU,TO	141.3	-39	-31.7	-2.3	-.8	-1.6	415	376	-9
30S 28W 33AAA 01		119.2	-34		-2.7	-.7		381	347	-9
30S 29W 23CAD 01	QU,TO	178.0	-44	-36.7	3.9	-1.0	-1.8	410	366	-11
30S 29W 29BBB 01	QU,TO	176.2	-39	-38.3	-1.0	-.8	-1.9	416	377	-9
30S 30W 06CCC 01		199.5	-48		-13.7	-1.0		297	250	-16
30S 30W 28ABB 01	QU,TO	188.6	-39	-42.7	-2.5	-.8	-2.1	358	319	-11
31S 26W 30BBB 01	QU,TO	102.1	-4		.4	-.1				
31S 27W 20AAA 02	QU,TO	27.1	-12		0.0	-.3		311	299	-4
31S 28W 02CCC 01		124.4			-.9					
31S 28W 10BCB 01	QU,TO	139.4	-25	-27.2	-4.7	-.5	-1.4	349	324	-7
31S 28W 26ABB 01		30.5								
31S 29W 02CBB 01		175.2	-45		3.4	-1.0		290	245	-16
31S 29W 25AAA 02	QU,TO	178.3	-33	-21.8	-.8	-.7	-1.1	293	260	-11
31S 29W 30AAA 01	QU,TO	169.0	-33	-38.8	-8.5	-.7	-1.9	325	292	-10
31S 30W 16BBC 01	QU,TO	186.3	-50	-52.4	-3.5	-1.1	-2.6	369	319	-14
32S 28W 04ADD 01	QU,TO	73.9	-11	-7.5	-2.3	-.2	-.4	303	292	-4
32S 29W 05CC 01	QU,TO	168.2	-29	-30.9	-5.0	-.6	-1.5	325	296	-9
32S 29W 27AAB 02	QU,TO	149.8	-7		-1.3	-.2		412	405	-2
32S 30W 09CCC 01	QU,TO	192.9	-38	-36.2	-.5	-.8	-1.8	349	311	-11
32S 30W 28BBC 01	QU,TO	212.9	-46	-42.6	-7.1	-1.0	-2.1	292	246	-16
33S 28W 29BCB 01	TO	14.8	-1	-.5	-.4			146	145	-1
33S 29W 36AAB 01	QU,TO	87.1	-6	-5.9	-1.1	-.1	-.3	202	196	-3
33S 30W 21ACC 01		183.2			-2.5					
33S 30W 35CB 01	QU,TO	179.2	-18	-21.4	-8.1	-.4	-1.1	383	365	-5
34S 28W 05BDA 01		25.8								
34S 30W 22CBC 01	TO,TO	197.7	-7		-.6	-.2		484	477	-1
35S 30W 10CDA 01	QA,QU,TO	25.9	-3	-2.7	-.9	-.1	-.1	295	292	-1



WATER–LEVEL CHANGE IN MEADE COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, MORTON COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1965 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
31S 39W 18CCC 01	QU,TC	3246.	226	116	135.6	180.9			197.7	191.3		
31S 39W 33BCC 01	QU,TC,KJ	3253.	278	123	160.0	206.9		215.4	222.7	222.4	220.6	231.0
31S 40W 01DA 01	QU,TC	3236.	276	111	133.1	168.7			181.3	180.7	187.1	189.8
31S 40W 29AAB 01	QU,TC	3331.	233	141	166.1	180.5	180.8	181.5	182.4	182.2		183.6
31S 41W 07CDD 01	KJ	3441.				135.1	134.7	135.1	135.8	135.5	135.3	135.6
31S 41W 31CBA 01	KJ	3441.			73.0	88.1	85.2		94.2	93.5	91.3	99.2
31S 42W 29AAB 01	QU,TC,KJ	3510.		74	93.1	103.5	102.4	101.8	100.7	102.7	102.0	101.1
31S 43W 03CB 01	QU,TC,KJ	3609.		61	65.7	63.8	63.0	66.1	64.8	65.2	64.0	
31S 43W 14DDC 01	KU	3576.			67.7	68.0	68.3	68.5	69.0	69.3	68.2	69.8
31S 43W 20CBB 01	QU,TC	3653.		53	56.4	93.6	100.7		96.5	98.3	93.1	95.2
32S 40W 07BDC 01		3302.		52							106.8	
32S 40W 21ADB 01	QU,TC	3342.	237	132	156.0	178.5	189.6	187.7	189.5	191.3	183.8	191.0
32S 41W 15CDC 01	QU,TC,KJ	3360.			18.0	20.7	21.5	21.8	19.8	21.1	21.2	20.0
32S 41W 35DCC 01		3420.										173.8
32S 42W 14CCC 01	QU,TC,KJ	3500.			90.6	110.8	113.2	118.3	124.7	128.6	122.0	127.0
32S 42W 21BCC 01	QU,TC,KJ	3526.	186	64	113.6	147.3		153.8	151.8	158.7	152.6	
32S 42W 26CDD 01	QU,TC,KJ	3485.	175	75	102.0	138.9		148.1	147.8		153.4	
32S 43W 09CBD 01		3615.		45							89.3	95.1
32S 43W 17DCC 01	TO	3626.	146	60	60.0		73.7	73.1	71.6	75.1	71.6	
32S 43W 28B5C 01		3526.									62.0	63.2
33S 39W 04DBB 01	TO	3237.	357	87							97.1	97.5
33S 39W 16ABB 01	QU,TC	3234.	344	82	70.0	74.1	76.5	73.4	76.7	78.7	75.0	76.3
33S 40W 27CCC 01	QU,TC	3308.	323	98	80.0		86.2	87.3	81.7	91.7	84.2	92.7
33S 41W 03AAD 01	QU,TC,KJ	3425.	445	113	117.2	140.8	142.3	141.3	145.0	147.3	139.6	144.5
33S 41W 33DDD 01	QU	3377.	157	68	69.4	68.9	67.0	67.0	67.2	68.6	68.1	70.4
33S 42W 01AA 01	QU	3438.	168	48	34.5	40.4	40.7	41.9	40.1	40.4	42.2	43.2
33S 42W 05DCC 01		3235.									66.9	
33S 42W 21BCB 01	QU,TC	3527.	167	97	85.0		98.7	98.2	99.2	102.9	86.2	89.2
33S 43W 05SDA 01	QU,TC,KJ	3643.	183	96	95.0	101.0		106.7		107.8		105.4
33S 43W 09DBA 01		3612.										87.5
34S 39W 06CCA 01		3310.	355	140							121.3	121.0
34S 40W 16ABB 01		3363.	368	163							144.8	145.1
34S 41W 26DCD 01		3360.	290	120							157.0	158.2
34S 41W 28CBA 01		3299.									118.6	119.7
34S 42W 05BDC 01	QU,KJ	3449.	69	31	38.4	38.7	38.9	39.1	39.1	40.9	39.3	39.6
34S 42W 22CDB 01	QU,TC	3492.	112	92			79.7	79.5				79.4
34S 43W 07BDD 01	KJ	3655.		125	147.2					150.3	150.8	149.3
35S 39W 06CDD 01		3330.	510	175							210.1	211.5
35S 40W 07BBB 01	QU,TC	3367.	407	179	183.1	176.0	176.5	175.0	176.7	176.7	177.7	177.9
35S 41W 18CCD 01		3385.		[illegible]							217.2	215.5

TABLE 1.-- SELECTED HYDROLOGIC DATA, MORTON COUNTY -- CONTINUED

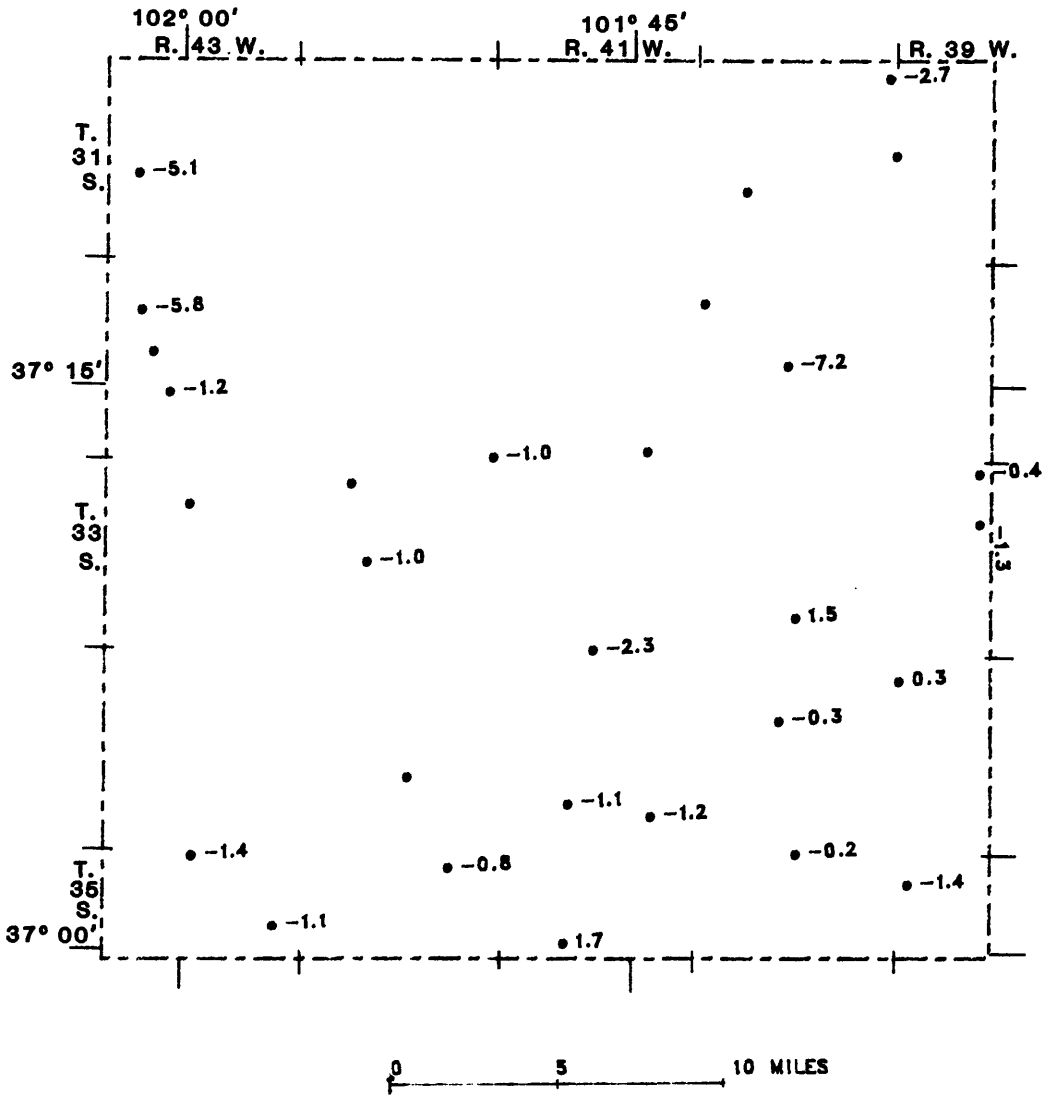
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
135 42W 02DDB 01		3295.									168.2	169.0
135 43W 04AAC 01		3554.	179	76							79.7	81.1
135 43W 13BDB 01	QU,TC	3615.	305	151		173.3	182.3	183.3	185.8	190.2	183.1	184.2

TABLE 1.-- SELECTED HYDROLOGIC DATA, MORTON COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
31S 39W 18CCC 01	QU,TO									
31S 39W 33BCC 01	QU,TO,KJ	231.0	-108	-71.0	-10.4	-2.3	-3.6			
31S 40W 01DA 01	QU,TO	189.8	-79	-56.7	-2.7	-1.7	-2.8	165	86	-48
31S 40W 29ABB 01	QU,TO	183.6	-43	-17.5		-.9	-.9	92	49	-47
31S 41W 07CDD 01	KJ	135.6			-.3					
31S 41W 31CBB 01	KJ	99.2		-26.2	-7.9		-1.3			
31S 42W 29AAB 01	QU,TO,KJ	101.1	-27	-8.0	.9	-.6	-.4			
31S 43W 03CB 01	QU,TO,KJ									
31S 43W 14DDC 01	KU	69.8		-2.0	-1.6		-.1			
31S 43W 20CBB 01	QU,TO	98.2	-45	-41.8	-5.1	-1.0	-2.1			
32S 40W 07BDC 01										
32S 40W 21ADB 01	QU,TO	191.0	-59	-35.0	-7.2	-1.3	-1.8	105	46	-56
32S 41W 15CDC 01	QU,TO,KJ	20.0		-2.0	1.2		-.1			
32S 41W 35DCC 01		173.8								
32S 42W 14CCC 01	QU,TO,KJ	127.0		-36.4	-5.0		-1.8			
32S 42W 21BCC 01	QU,TO,KJ									
32S 42W 26CDD 01	QU,TO,KJ									
32S 43W 08CBD 01		95.1	-50		-5.8	-1.1				
32S 43W 17DCC 01	TO									
32S 43W 29BBC 01		63.2			-1.2					
33S 39W 04DBB 01	TO	97.5	-11		-.4	-.2		270	260	-4
33S 39W 16ABB 01	QU,TO	76.3	6	-6.3	-1.3	.1	-.3	262	268	2
33S 40W 27CCC 01	QU,TO	82.7	15	-2.7	1.5	.3	-.1	225	240	7
33S 41W 03AAD 01	QU,TO,KJ	144.5	-32	-27.2	-4.9	-.7	-1.4			
33S 41W 33DDD 01	QU	70.4	-2	-1.0	-2.3		-.1	89	87	-2
33S 42W 01AA 01	QU	43.2	5	-8.7	-1.0	.1	-.4	120	125	4
33S 42W 05DCC 01										
33S 42W 21BCB 01	QU,TO	89.2	-2	-4.2	-1.0		-.2	90	78	-3
33S 43W 08BDA 01	QU,TO,KJ	105.4	-19	-10.4		-.4	-.5			
33S 43W 09DBA 01		87.5								
34S 39W 06CCA 01		121.0	19		.3	.4		215	234	9
34S 40W 16ABB 01		145.1	18		-.3	.4		225	243	8
34S 41W 26DCC 01		159.2	-38		-1.2	-.9		170	132	-22
34S 41W 23CAA 01		119.7			-1.1					
34S 42W 05BDC 01	QU,KJ	39.6	-9	-1.2	-.3	-.2	-.1	38	29	-24
34S 42W 22CDB 01	QU,TO	79.4	13			.3		20	33	65
34S 43W 07BDD 01	KJ	149.3	-24	-2.1	1.5	-.5	-.1			
35S 39W 06CDD 01		211.5	-37		-1.4	-.9		335	299	-11
35S 40W 03BBB 01	QU,TO	177.9	1	5.2	-.2		.3	229	229	
35S 41W 16CCD 01		215.5			1.7					

TABLE 1.-- SELECTED HYDROLOGIC DATA, MORTON COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
35S 42W 02DBB 01		169.0			-0.8					
35S 43W 04AAC 01		81.1	-5		-1.4	-0.1		103	98	-5
35S 43W 13BDB 01	QU,TO	184.2	-33		-1.1	-.7		154	121	-21



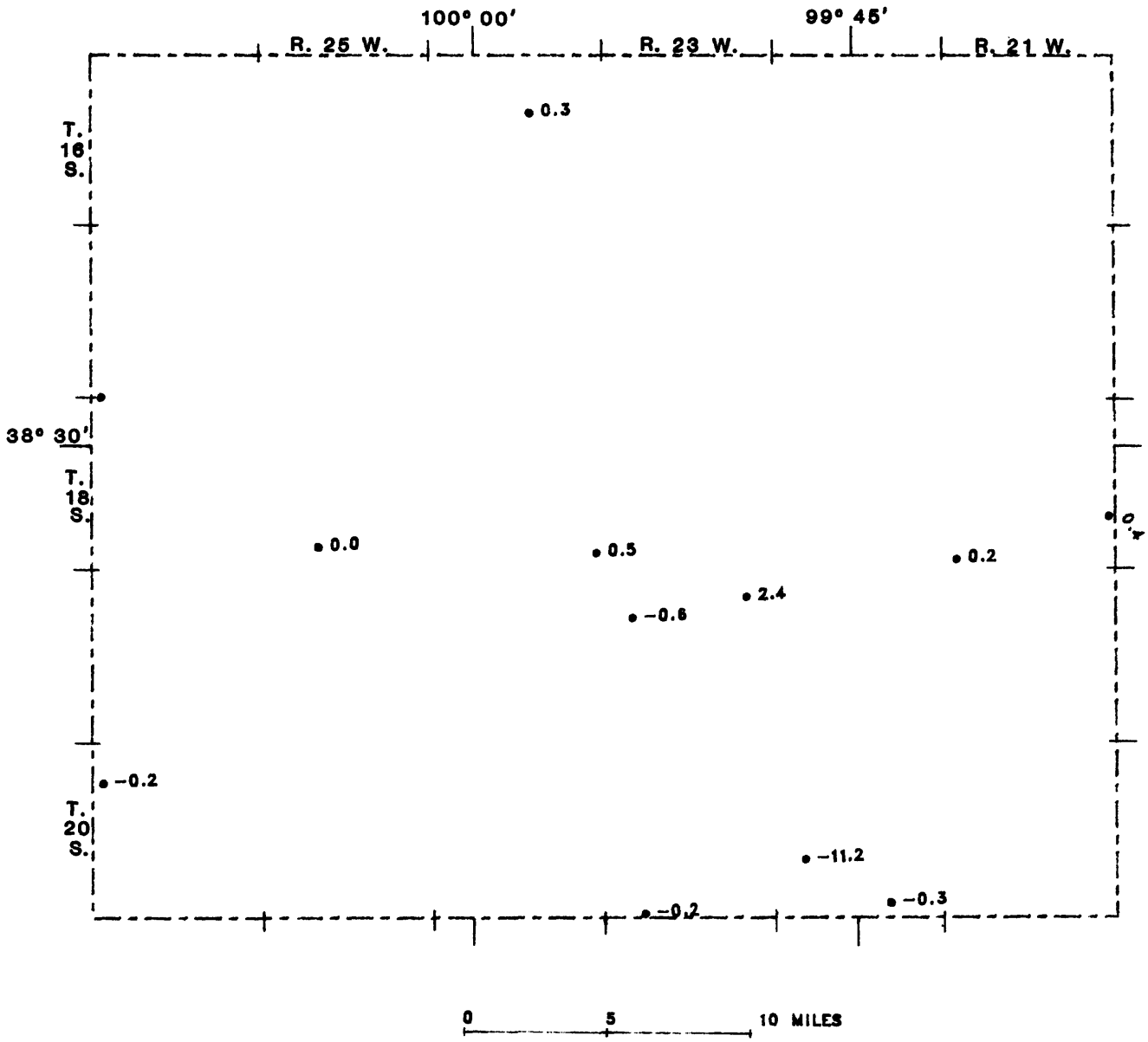
WATER–LEVEL CHANGE IN MORTON COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
16S 24W 15ABB 01	TC					29.6		29.5	29.7	29.8	30.1	29.8
19S 21W 25AAB 01	QA	2085.				29.5	29.6		28.7	30.0	29.9	29.5
18S 21W 31CAA 01	QU	2122.				31.9		31.7	31.6	32.3	32.4	32.2
15S 24W 36ADB 01	QA	2235.				33.1	34.9	33.6	34.3	34.3	34.4	33.9
18S 25W 33BBC 01	QA	2402.				27.5	27.7	25.6	28.4	29.2	29.5	29.5
18S 26W 06BAB 02	QA,TC	2570.				6.9	7.0	7.1	7.2	7.2	7.3	
19S 23W 01CCB 01		2214.				87.2	88.3	88.2	87.9	88.5	89.9	87.5
19S 23W 09CBB 01		2220.				21.2	20.7	23.5	21.8	21.8	21.9	22.5
20S 22W 20CCC 01		2189.				40.6	41.5	43.9	43.9	44.0	46.3	57.5
20S 22W 35BCC 01	QA	2168.				38.8	40.0	38.3	42.6	43.6	44.5	44.9
20S 23W 32CDA 01		2233.				35.7	35.8	35.7		36.6	37.0	37.2
20S 26W 07BDC 01	QA	2538.				24.6	23.6	24.8	24.3	24.6	23.1	23.3

TABLE 1.-- SELECTED HYDROLOGIC DATA, NESS COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
16S 24W 15ABB 01	TO	29.8			0.3					
18S 21W 25AAB 01	QA	29.5			.4					
18S 21W 31CAA 01	QU	32.2			.2					
18S 24W 36ADB 01	QA	33.9			.5					
18S 25W 33BBC 01	QA	29.5			0.0					
18S 26W 06BAB 02	QA,TO									
19S 23W 01CCB 01		87.5			2.4					
19S 23W 08CBB 01		22.5			-.6					
20S 22W 20CCC 01		57.5			-11.2					
20S 22W 35BCC 01	QA	44.8			-.3					
20S 23W 32CDA 01		37.2			-.2					
20S 24W 07BDC 01	QA	23.3			-.2					



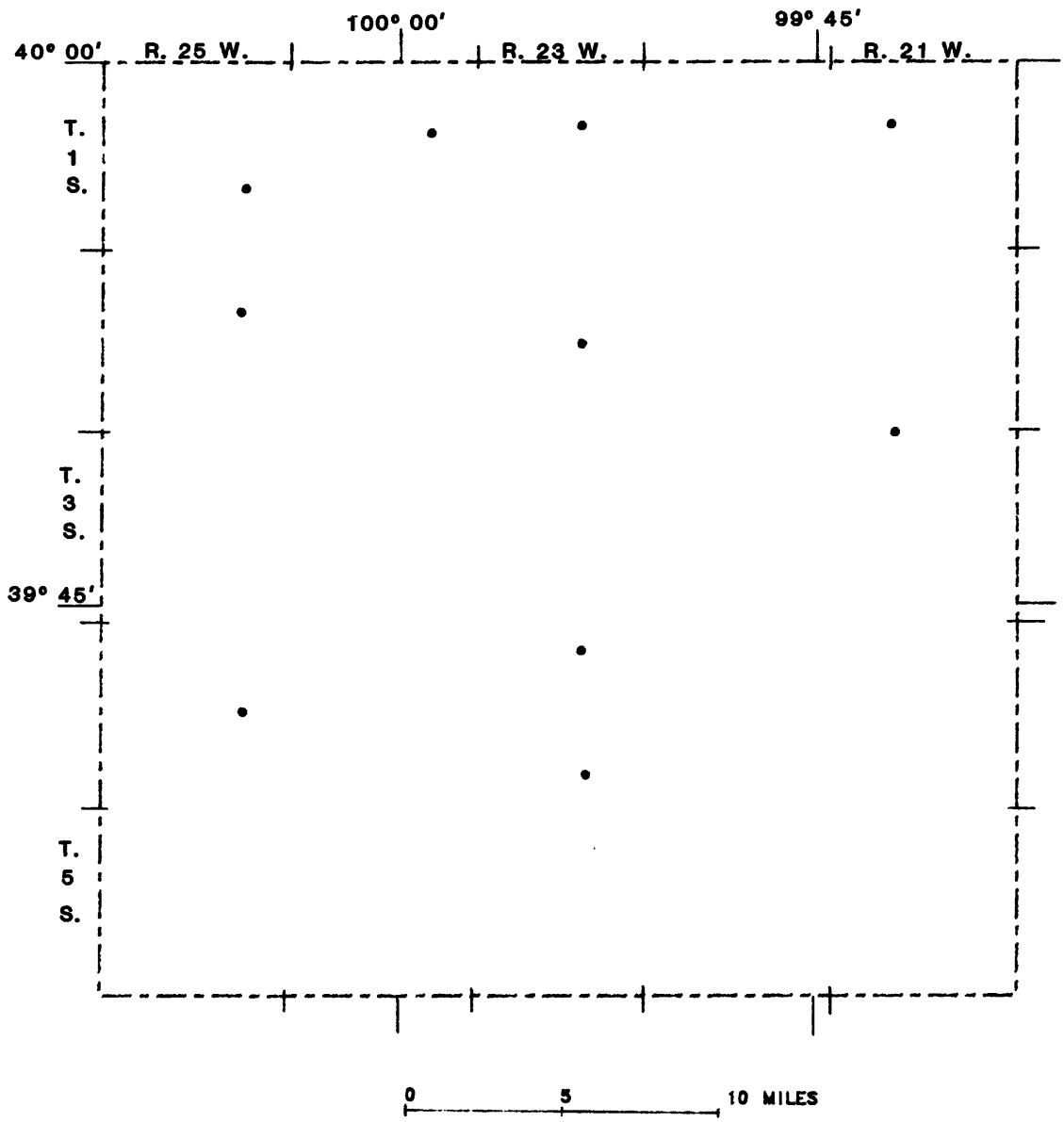
WATER–LEVEL CHANGE IN NESS COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, NORTON 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
01S 21W 17AAA 01		2290.										95.5
01S 23W 15AAA 01		2340.										33.2
01S 24W 13BCB 01		2425.										116.3
01S 25W 25BBB 01		2405.										42.5
02S 21W 33CCC 01												94.2
02S 23W 22AAA 01		2378.										75.6
02S 25W 14AAA 01												142.4
04S 23W 03DDD 01												90.4
04S 23W 26CCC 01												46.1
04S 25W 13CCC 01												120.1

TABLE 1.-- SELECTED HYDROLOGIC DATA, NORTON COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
01S 21W 17AAA 01		85.3								
01S 23W 15AAA 01		33.2								
01S 24W 13BCB 01		116.3								
01S 25W 25BBB 01		42.8								
02S 21W 33CCC 01		94.2								
02S 23W 22AAA 01		75.6								
02S 25W 14AAA 01		142.4								
04S 23W 03CDC 01		90.4								
04S 23W 26CCC 01		46.1								
04S 25W 13CCC 01		120.1								



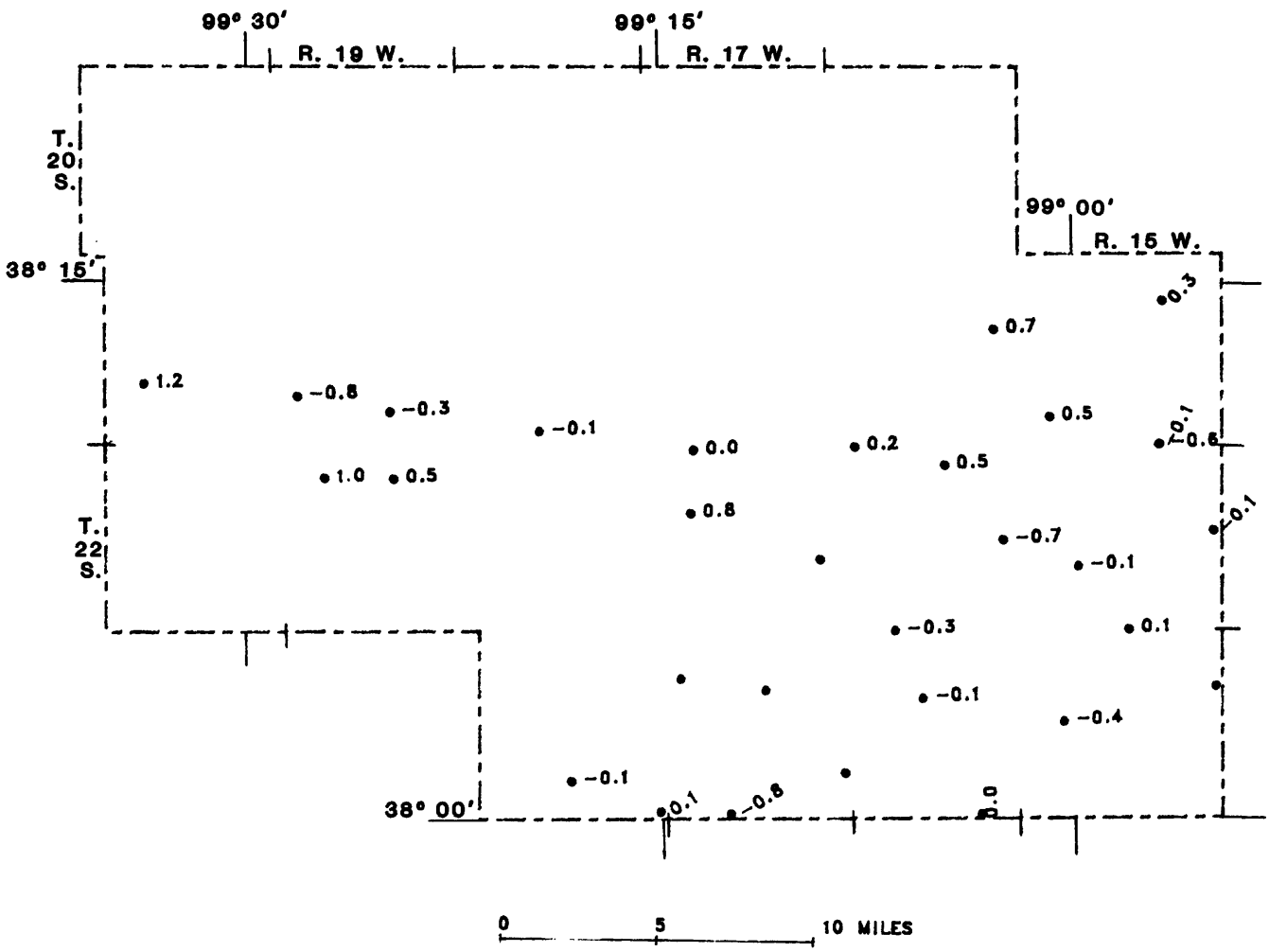
WATER–LEVEL CHANGE IN NORTON COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, PAWNEE 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
21S 15W 11CBE 01	QA	1932.		3	4.9	9.4	10.1	9.0	9.7	10.1	9.8	9.5
21S 15W 31BAD 01	QU	1972.		9	10.3	16.6	17.6	16.5	17.8	17.7	18.9	18.3
21S 16W 14ADC 01		1970.		5							16.6	15.9
21S 18W 32DAA 01	QA	2056.		19	16.5	28.5	30.5	28.0	29.4	30.6	32.6	32.7
21S 19W 27CCC 01		2076.		23		41.2	41.8	41.4	42.2	38.9	43.8	44.1
21S 19W 30BCC 01		2087.		29	33.3	42.9	44.0	43.8	44.7	45.5	46.5	47.3
21S 20W 29BBB 01		2104.		24	34.8	43.2	44.1	43.3	44.8	45.1	47.2	46.0
22S 15W 03AAA 01	QU	1970.	207	18	15.5		26.1	25.8	26.3	27.1	28.3	28.9
22S 15W 03AAA 02	QU	1970.	207		18.7	25.7	27.0	27.3	28.3	29.2	30.4	30.5
22S 15W 13DCA 01	QU	1976.	171	29	17.5	30.8	32.3	33.3	34.6	35.9	37.7	37.8
22S 15W 20CDC 01	QU	2004.	179	26	15.6	25.7	26.8	27.6	29.0	29.7	31.6	31.9
22S 15W 33DDD 01		2003.	125	28							34.4	34.3
22S 16W 03CBC 02	QA	1996.		8	9.4	13.9	14.4	14.1	14.7	14.7	15.4	14.9
22S 16W 06BCA 01	QA	2010.		8	14.6	17.1	18.1	16.7	17.7	18.2	18.3	18.1
22S 16W 23AAA 01	QU	2011.	106	24	21.8	31.9	32.9	33.6	34.4	35.0	35.9	36.6
22S 16W 32CDD 01		2047.									31.4	31.7
22S 17W 05BBC 02		2036.		15			33.5	22.7	24.2	24.8	26.7	26.7
22S 17W 18AAD 01	QU	2047.		27		35.5	39.1	35.6	37.0	37.8	39.6	38.8
22S 17W 24CBC 01	QA	2034.		12	5.6	9.8	9.9	9.8	11.7	10.3		
22S 19W 07AAA 01		2102.					63.9	60.3	64.6	66.3	64.1	63.1
22S 19W 10BBA 01		2087.				54.1	54.8	52.6	54.5	54.6	56.1	55.6
23S 15W 12DDB 01		1974.	145									30.4
23S 15W 18DDB 01	QU	2035.	133	8	20.7	28.7	30.6	32.0	33.7		36.3	36.7
23S 16W 16BAB 01	QU	2048.	123	13	8.1	16.1	17.8	17.9	19.6	19.2	20.5	20.6
23S 16W 35CCD 02							21.5	24.3	26.5	27.0	29.3	29.3
23S 17W 07ACC 01		2073.	76	5							8.0	
23S 17W 10CDB 01	QU	2091.	91	29	25.4	33.3	33.8	35.0	36.3	36.7		38.1
23S 17W 25ADC 01	QU	2076.	126	11	12.7	19.0	20.1	20.5	21.9	21.7		23.7
23S 17W 33CCA 01	QU	2109.	119	22	16.4	24.6	25.2	26.0	27.2	27.6	28.5	29.3
23S 18W 29DAD 01	QU	2102.	51	5	6.3	9.5	9.8	9.9	8.8	9.3	9.8	8.9
23S 19W 36DAC 01	QU	2116.	96	21	8.2	22.7	23.6	23.2	25.0	24.9	25.9	25.8

TABLE 1.-- SELECTED HYDROLOGIC DATA, PAWNEE COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
21S 15W 11CBB 01	QA	9.5	-7	-4.6	0.3	-0.2	-0.4			
21S 15W 31BAD 01	QU	16.3	-10	-8.0	.5	-.2	-.7			
21S 16W 14ADC 01		15.9	-11		.7	-.3				
21S 18W 32DAA 01	QA	32.7	-14	-16.1	-.1	-.3	-1.3			
21S 19W 27CCC 01		44.1	-21		-.3	-.5				
21S 19W 30BCC 01		47.3	-15	-14.0	-.8	-.4	-1.2			
21S 20W 29BBF 01		46.0	-22	-11.1	1.2	-.5	-.9			
22S 15W 03AAA 01	QU	28.9	-11	-13.4	-.6	-.3	-1.1	189	178	-6
22S 15W 03AAA 02	QU	30.5		-11.9	-.1		-1.0		177	
22S 15W 13DCA 01	QU	37.8	-9	-20.3	-.1	-.2	-1.7	142	133	-6
22S 15W 20CDC 01	QU	31.9	-6	-14.3	-.1	-.1	-1.4	153	147	-4
22S 15W 33DDD 01		34.3	-6		.1	-.1		100	94	-6
22S 16W 03CBC 02	QA	14.9	-7	-5.5	.5	-.2	-.5			
22S 16W 06BBA 01	QA	18.1	-10	-3.5	.2	-.2	-.3			
22S 16W 23AAA 01	QU	36.6	-13	-14.9	-.7	-.3	-1.2	82	69	-16
22S 16W 32CDD 01		31.7			-.3					
22S 17W 05BBC 02		26.7	-12		0.0	-.3				
22S 17W 19AAD 01	QU	38.8	-12		.8	-.3				
22S 17W 24CBC 01	QA									
22S 19W 07AAA 01		63.1			1.0					
22S 19W 10BBA 01		55.6			.5					
23S 15W 12DDB 01		30.4							115	
23S 15W 19DDB 01	QU	36.7	-29	-16.0	-.4	-.7	-1.3	125	96	-23
23S 16W 16BAB 01	QU	20.6	-8	-12.5	-.1	-.2	-1.0	110	102	-7
23S 16W 35CCD 02		29.3			0.0					
23S 17W 07ACC 01										
23S 17W 10CDB 01	QU	38.1	-9	-12.7		-.2	-1.1	62	53	-15
23S 17W 25ADC 01	QU	23.7	-13	-11.0		-.3	-.9	115	102	-11
23S 17W 33CCA 01	QU	29.3	-7	-12.9	-.8	-.2	-1.1	97	90	-7
23S 18W 23DAD 01	QU	8.9	-4	-2.6	-.1	-.1	-.2	46	42	-9
23S 19W 36DAC 01	QU	25.8	-5	-17.5	.1	-.1	-1.5	75	70	-7



WATER–LEVEL CHANGE IN PAWNEE COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, PRATT 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
26S 11W 01DDB 01	QU	1801.	171	23	23.5	23.3	23.3	24.3	24.7	25.3	24.2	23.1
26S 11W 27AAC 01	QU	1809.	143	23	23.1		22.9	24.1	24.9	24.3	23.2	21.7
26S 11W 29BCE 01	QU	1830.	193	19	16.0	15.2	15.2	14.3	17.0	16.6	15.4	13.2
26S 12W 02DBD 01	QU	1868.	192	27	27.4	27.8	26.7	28.2	28.7	29.4	27.8	25.5
26S 12W 17CCA 01	QU	1906.	196	37	34.1	35.5	35.5	36.6	37.1	36.6	35.0	32.0
26S 12W 34CDC 01	QU	1894.	207	46	43.2	44.2	45.4	45.7	46.5	45.2	43.2	41.0
26S 12W 34CDC 02	QU	1884.	207	46	41.0		43.8	44.0	44.8	43.9	41.9	40.0
26S 13W 16DAA 01	QU	1929.	174	20	15.6	22.0	27.2	25.3	25.9	25.1	24.9	21.3
26S 13W 19BBD 01	QU	1953.	193	18	14.4	22.3	25.1	25.4	26.5	26.9	27.3	24.0
26S 13W 34BCB 01	QU	1950.	230	44	46.7	50.7	51.0	49.2	52.5	53.0	52.8	49.9
26S 14W 17DCB 01	QU	2010.	213	10	16.5	22.2	25.2	26.0	28.2	27.8	30.4	27.1
26S 15W 18DAB 01	QU	2050.	250	11	4.8	12.9	14.5	15.7	17.1	17.3	18.5	17.7
27S 11W 12CBC 01	QU	1733.	99	51	46.3	45.8	44.7	46.1	46.7	44.8	45.3	44.3
27S 11W 31DAA 01	QA	1726.	126	6	2.7	3.5	6.4	4.9	5.7	5.6		4.7
27S 12W 12DAA 01								55.6	56.6	55.8	55.1	54.2
27S 12W 33C5A 01	QU	1777.	152	3	1.2	2.7	2.9	3.2	3.0	3.1	2.8	2.4
27S 13W 13DDC 01	QU	1897.	145	72	57.0	58.7	59.6	58.8	65.1	58.5	58.5	57.1
27S 14W 03DAC 01	QU	1995.	220	35		40.8	47.5	43.6	45.1	45.9	46.4	43.9
27S 14W 12DDD 01	QU	1983.	252	53	57.7	60.4	61.1	62.0	63.6	63.3	63.7	62.3
27S 14W 21CAB 01	QU	1998.	203	39	34.2	33.3	30.8	41.5	43.1	43.9		43.4
27S 15W 02AEC 01	QU	2036.		26					31.9	32.0	33.9	30.5
27S 15W 08B5D 01	QU	2059.	200	30	13.2	23.9	26.5	29.9	28.4	28.6	29.8	30.2
27S 15W 32CCA 01	QU	2068.	193	48	45.9	47.8	51.0	50.1	51.6	54.3	53.7	56.5
27S 15W 36ADD 01	QU	2050.	245	75	73.7	71.7	72.9	76.1	75.0	75.7	77.1	76.3
28S 11W 12ACC 01	QU	1755.	155	76	32.1	34.0	34.1	34.3	34.9	35.8	35.2	32.4
28S 11W 20CAC 01		1840.	215	70		69.4	68.5	69.3	69.9	70.3	70.4	67.7
28S 12W 21BAD 01	QU	1882.	207	83	81.8	82.7	82.6		83.1	82.5	82.7	81.7
28S 13W 02DDC 01	QU	1827.	179	9	8.1	9.1		13.1	13.0	12.8	14.2	14.6
28S 13W 17AAA 01	QU	1938.	189	72	72.0	70.4	76.0	71.1	79.7	71.0	71.3	69.2
28S 13W 26DC5 01	QU	1916.	191	89	91.0	91.0	98.5	92.1	91.7	93.7	99.6	90.3
28S 14W 14CCC 01	QU	1934.	194	80	76.9	77.8	78.1	78.2	78.3	78.2	78.3	77.0
28S 15W 23CCD 01	QU	2071.	271	109	108.0	105.9	106.5	113.2	114.6	107.3	107.7	107.2
29S 11W 06AAA 01		1924.	173	50							45.6	42.2
29S 11W 09ADD 01	QU	1830.	170	55	49.9	54.2	52.7	53.7	54.6	54.4	54.1	50.7
29S 11W 29AAD 01	QU	1849.	199	63	57.4	62.4	60.6	61.8	62.3	62.0	61.7	57.9
29S 12W 20CCD 01	QU	1907.	232	95	98.4	106.7	104.8	109.4	116.9	109.4	99.9	97.5
29S 13W 12ABC 01		1904.	196	75							71.1	70.4
29S 13W 31CAA 01	QU	1893.	154	31	30.6		31.6	31.9	32.0	32.0	31.9	30.8
29S 14W 13ABE 01		1948.	233	109							100.8	99.6
29S 14W 17D5D 01		2012.	222	102		99.7	99.9	98.4	98.3	98.0	98.5	97.5

TABLE 1.-- SELECTED HYDROLOGIC DATA, PRATT COUNTY -- CONTINUED

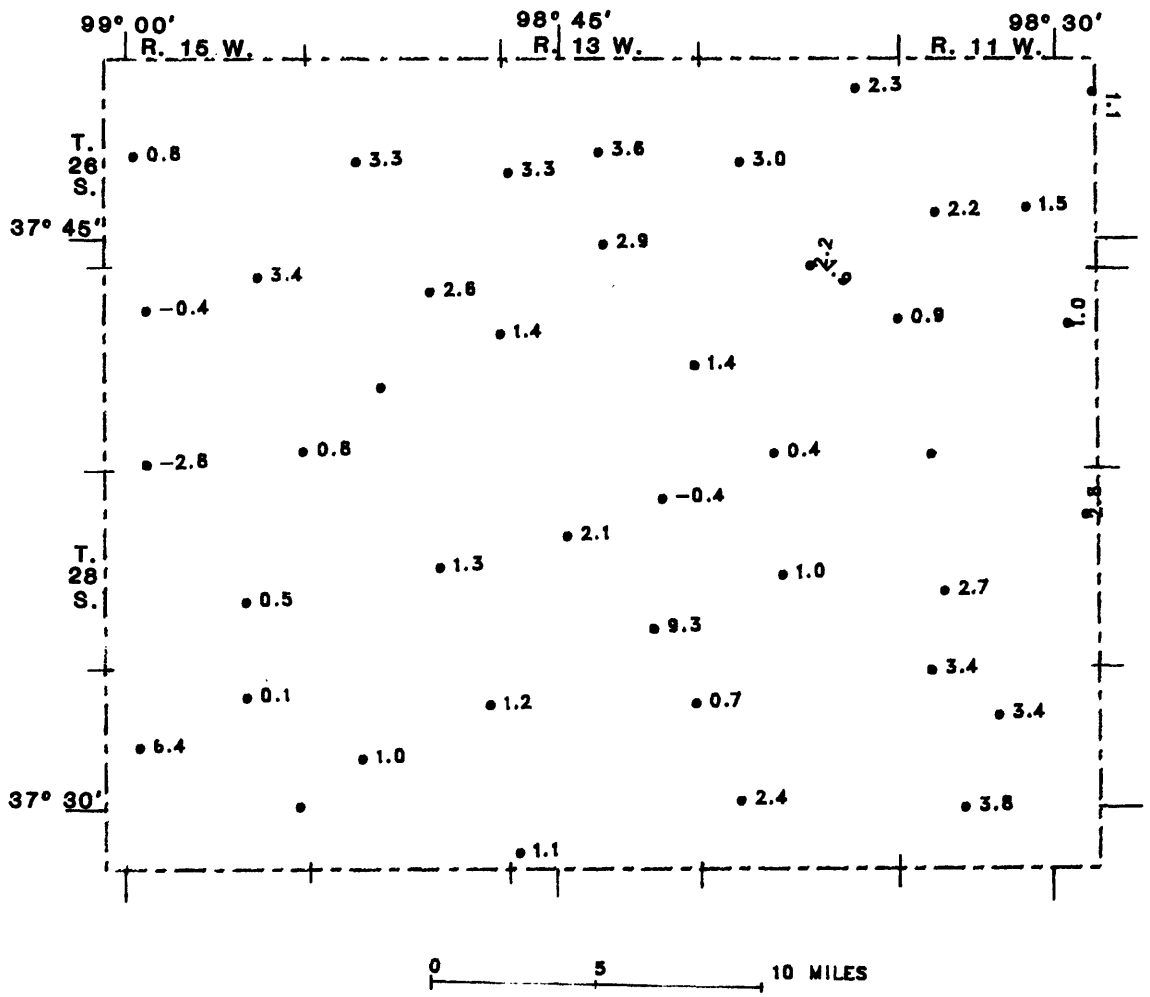
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
29S 15W 02CCA C1	QU	2035.	215	79	85.2	87.3	86.3	94.2	90.6	92.4	93.5	93.4
29S 15W 18ADA 01	QU	2050.	175	78	86.0	85.6	91.5	94.0	94.4	91.9	98.2	91.8
29S 15W 25AAB 02			117									33.8

TABLE 1.-- SELECTED HYDROLOGIC DATA, PRATT COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
26S 11W 01DDB 01	QU	23.1		0.4	1.1			148	148	
26S 11W 27AAC 01	QU	21.7	1	1.4	1.5		0.1	120	121	1
26S 11W 29BCB 01	QU	13.2	6	2.8	2.2	0.1	.2	164	170	4
26S 12W 02DBD 01	QU	25.5	2	1.9	2.3		.2	165	167	1
26S 12W 17CCA 01	QU	32.0	5	2.1	3.0	.1	.2	159	164	3
26S 12W 34CDC 01	QU	41.0	5	2.2	2.2	.1	.2	161	166	3
26S 12W 34CDC 02	QU	40.0	6	1.1	1.9	.1	.1	161	167	4
26S 13W 16DAA 01	QU	21.3	-1	-5.7	3.6		-.5	154	153	-1
26S 13W 19BBD 01	QU	24.0	-6	-9.6	3.3	-.1	-.8	175	169	-3
26S 13W 34BCB 01	QU	49.9	-6	-3.2	2.9	-.1	-.3	186	180	-3
26S 14W 17DCB 01	QU	27.1	-17	-10.6	3.3	-.4	-.9	203	196	-8
26S 15W 13DAB 01	QU	17.7	-7	-12.9	.8	-.2	-1.1	239	232	-3
27S 11W 12CBC 01	QU	44.3	7	2.0	1.0	.2	.2	48	55	15
27S 11W 31DAA 01	QA	4.7	3	-2.0		.1	-.2	118	121	3
27S 12W 12DAA 01		54.2			.9					
27S 12W 33CBA 01	QU	2.4	1	-1.2	.4		-.1	149	150	1
27S 13W 13DDC 01	QU	57.1	15	-.1	1.4	.4		73	88	21
27S 14W 03DAC 01	QU	43.8	-9		2.6	-.2		185	176	-5
27S 14W 12DDD 01	QU	62.3	-9	-4.6	1.4	-.2	-.4	199	190	-5
27S 14W 21CAA 01	QU	43.4	-4	-9.2		-.1	-.8	164	160	-2
27S 15W 02ABC 01	QU	30.5	-5		3.4	-.1				
27S 15W 08BBD 01	QU	30.2		-17.0	-.4		-1.4	170	170	
27S 15W 32CCA 01	QU	56.5	-9	-10.6	-2.8	-.2	-.9	145	137	-6
27S 15W 36ADD 01	QU	76.3	-1	-2.6	.8		-.2	170	169	-1
29S 11W 12ACC 01	QU	32.4	4	-.3	2.8	.1		119	123	3
28S 11W 20CAC 01		67.7	2		2.7			145	147	1
28S 12W 21BAD 01	QU	81.7	1	.1	1.0			124	125	1
28S 13W 02DDC 01	QU	14.6	-6	-6.5	-.4	-.1	-.5	170	164	-4
28S 13W 17AAA 01	QU	69.2	3	2.8	2.1	.1	.2	117	120	3
28S 13W 26DCB 01	QU	90.3	-1	.7	9.3		.1	102	101	-1
28S 14W 14CCC 01	QU	77.0	3	-.1	1.3	.1		114	117	3
28S 15W 23CCD 01	QU	107.2	2	.8	.5		.1	162	164	1
29S 11W 06AAA 01		42.2	8		3.4	.2		123	131	7
29S 11W 09ADD 01	QU	50.7	4	-1.8	3.4	.1	-.2	115	119	3
29S 11W 29AAD 01	QU	57.9	5	-.9	3.8	.1		136	141	4
29S 12W 20CCD 01	QU	97.5	-3	.9	2.4	-.1	.1	137	135	-1
29S 13W 12ABB 01		70.4	6		.7	.1		120	126	5
29S 13W 31CAA 01	QU	30.8		-.3	1.1			123	123	
29S 14W 12ABB 01		99.6	8		1.2	.2		125	133	6
29S 14W 17DBD 01		97.5	5		1.0	.1		120	125	4

TABLE 1.-- SELECTED HYDROLOGIC DATA, PRATT COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
29S 15W 02CCA 01	QU	93.4	-15	-8.2	0.1	-0.4	-0.7	137	122	-11
29S 15W 19ADA 01	QU	91.8	-14	-5.2	6.4	-.3	-.5	97	83	-14
29S 15W 29AAE 02		33.8							83	



WATER–LEVEL CHANGE IN PRATT COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, RAWLINS 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
01S 33W 29CCC 01	TO	2992.	144	115	115.6	114.1	114.0	114.1	113.8	113.5	113.5	113.3
02S 31W 03CAD 01	QA	2665.	42	15	14.7	19.0	20.3	18.4	15.9	16.5	16.8	16.4
02S 32W 20DCD 01	QA	2735.	32	5	8.3	14.2	15.4	11.9	11.0	11.6	10.7	10.6
02S 33W 26DCC 01	QA	2798.	46	13	19.8	26.3		23.6	22.3	22.8	23.0	22.3
02S 35W 15ABB 01	TO	3178.	208	174	170.3			169.8			169.4	168.9
02S 35W 34CAA 01	QA,TO	3044.	112	29	29.6	30.8	31.0	30.8	30.7	30.8		30.8
02S 36W 13DDD 01	TO	3286.	260	196	190.1	190.7	190.6	190.0	189.1	190.3	189.4	188.9
02S 36W 15CDD 01	TO	3334.	290	204	203.8	203.7	213.4	204.4	203.0	202.6	198.6	202.3
02S 36W 36AAA 01	TO	3263.	230	160	169.8	177.1	176.7	175.3	174.6	174.5	174.6	174.6
03S 31W 07CBD 01	TO	2960.	200	142	146.3			146.2	146.1	146.6	145.8	145.1
03S 31W 23BBB 01	TO	2849.	119	73	73.1	73.5		74.2	73.7	73.2	73.3	73.4
03S 33W 03DCC 01	QA	2823.	62	22	20.6	29.3	30.5	27.5	25.0	26.1	25.7	25.0
03S 33W 08CDC 01	QA	2855.	52	20	16.1	27.4	27.9	23.5	19.1	20.9	20.2	19.1
03S 34W 03ABB 01	QA	2882.	40	12	13.8	15.6	15.9	13.2	12.2	13.8	14.4	13.2
03S 34W 24BAC 01	QA	2900.	40	7	8.4		14.9	10.3	8.9	11.1	10.2	15.0
03S 35W 24CBB 01	QA	3001.	50	21	24.7	27.7	28.5	26.1	25.5	26.5	26.8	27.1
03S 36W 14CBB 01	TO	3332.	309	188	191.2			201.4	200.8	200.2	200.8	200.3
03S 36W 17CCC 01	TO	3375.	300	196	195.3	207.8	210.9	209.5	208.0	207.1	206.8	209.2
04S 31W 16ABD 01	QA	2761.	50	7	7.9	18.3	13.0	12.6	9.5	10.9	7.1	10.7
04S 31W 25DDD 01	QA	2755.	32	15	14.6	17.7	18.7	17.7		17.6	16.3	16.6
04S 33W 10ABC 01		3026.									146.7	143.5
04S 33W 14DDA 01	TO	3068.	153	88	87.6	87.5	85.6	87.5	87.0	86.5	86.2	86.5
04S 33W 25DCA 01	TO	3125.	237	152	151.2	154.9	155.9	151.7	151.0	150.6	150.2	151.3
04S 34W 33CBC 01	TO	3160.	210	115	117.2	120.1	119.7	119.1	118.8	116.7	118.9	118.4
04S 35W 06DCD 01	TO	3252.	260	157	157.8	159.5	154.8	151.5			163.3	161.9
04S 35W 13DAD 01	QA	3002.	51	13	15.0	16.1	16.4	16.1	15.8	15.8	16.1	16.1
04S 35W 29DDD 01	TO	3219.	224	150	150.1	150.7	154.0	150.6	150.6	150.9	150.6	149.8
04S 36W 06BBB 01	TO	3370.	293	162							189.2	
04S 36W 23CBB 01	TO	3351.									216.1	215.2
04S 36W 23DCA 01		3339.									212.7	211.9
05S 31W 10DDA 01	TO	2920.	70	30	40.1	44.5	45.7	43.7	42.1	42.7	42.9	42.6
05S 31W 20CCA 01	TO	2965.	69	22	29.7	35.9	37.4	35.9	35.5	35.6	36.2	33.9
05S 31W 23DDD 01	TO	2950.	160	118	120.6	121.1	122.1	121.1		122.0		
05S 32W 14CDD 01	TO	3020.	130	130	130.8	131.7	130.8	130.4	131.4	130.3	131.2	133.6
05S 32W 20DDC 01		3068.									131.9	
05S 33W 29BDA 01	TO	3042.	115	12	17.0	20.0	20.0	19.2	17.1	17.5	17.2	17.9
05S 34W 01BBB 01	TO	3137.	237	116	114.3	116.0	116.0	116.1	115.6	113.5	115.5	114.6
05S 34W 24ADC 01	TO	3207.	247	127	134.1	135.9	135.1	135.0	134.6	134.9	133.8	133.5
05S 35W 10CDD 01	TO	3267.	277	167	165.5	167.7	167.6	167.7	167.0	167.5	167.3	166.9
05S 35W 30CBC 01		3336.									170.5	171.2

TABLE 1.-- SELECTED HYDROLOGIC DATA, RAWLINS COUNTY -- CONTINUED

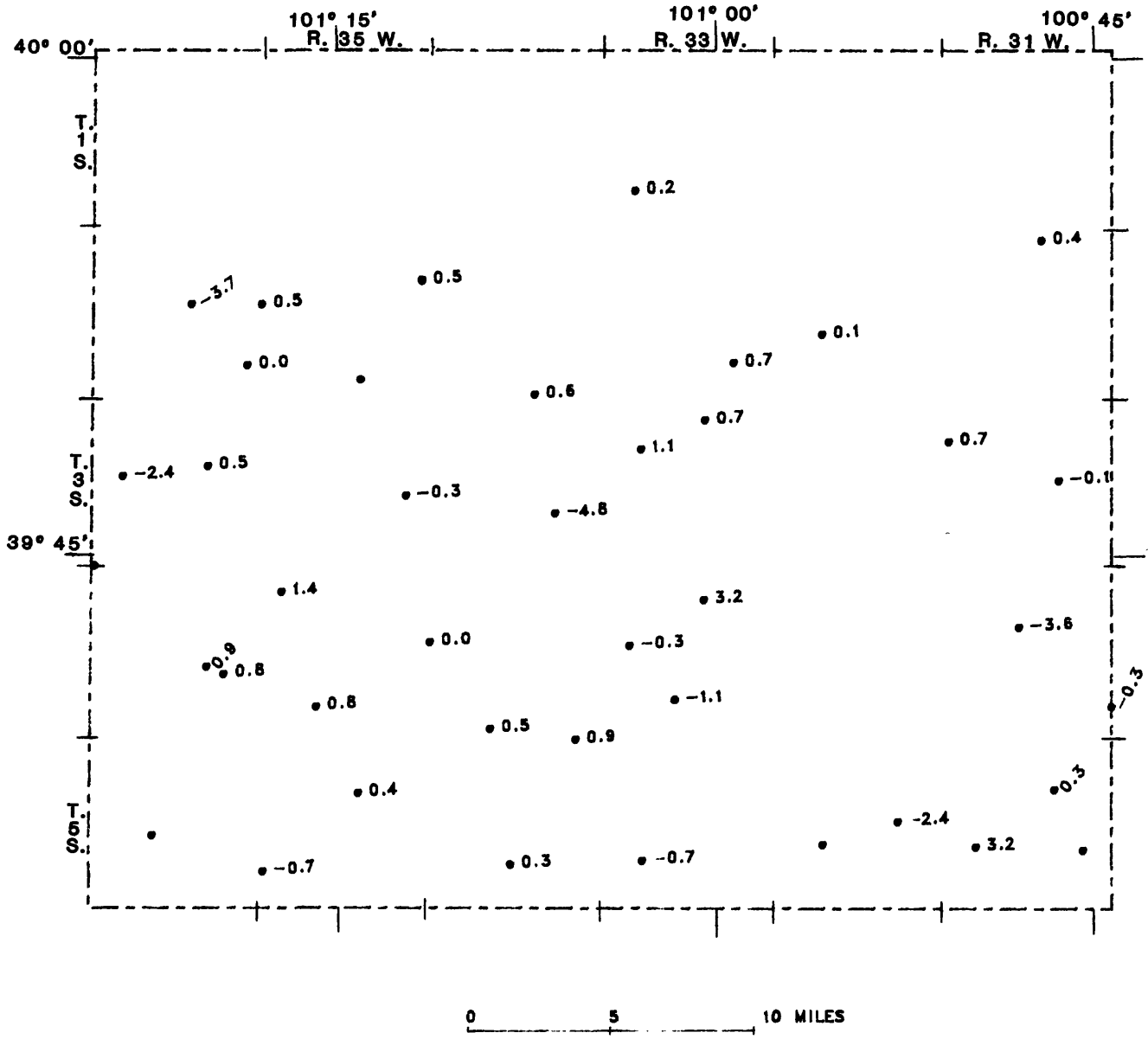
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1965 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
05S 36W 21BCD 01	QA,TC	3220.	155	17	15.5	19.9	20.0	18.7		13.7		18.0

TABLE 1.-- SELECTED HYDROLOGIC DATA, RAWLINS COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
01S 33W 24CCC 01	TO	113.3	2	2.3	0.2	0.1	0.1	29	31	7
02S 31W 03CAD 01	QA	16.4	-1	-1.7	.4		-.1	27	26	-4
02S 32W 20CCC 01	QA	10.6	-6	-2.7	.1	-.2	-.1	27	21	-22
02S 33W 26DCC 01	QA	22.3	-9	-2.5	.7	-.3	-.1	33	24	-27
02S 35W 13AAB 01	TO	168.9	5	1.4	.5	.1	.1	34	39	15
02S 35W 34CAA 01	QA,TC	30.8	-2	-1.2		-.1	-.1	83	81	-2
02S 36W 13DDD 01	TO	188.9	-3	1.2	.5	-.1	.1	74	71	-4
02S 36W 15CDD 01	TO	202.3	2	1.6	-3.7	.1	.1	86	88	2
02S 36W 34BAA 01	TO	174.6	-15	-4.8	0.0	-.4	-.2	120	105	-13
03S 31W 07CBD 01	TO	145.1	-3	1.2	.7	-.1	.1	58	55	-5
03S 31W 23BBB 01	TO	73.4		-.3	-.1			46	46	
03S 33W 03DCC 01	QA	25.0	-3	-4.4	.7	-.1	-.2	40	37	-8
03S 33W 28CDC 01	QA	19.1	1	-3.0	1.1		-.2	32	33	3
03S 34W 03AAB 01	QA	13.8	-2		.6	-.1		28	26	-7
03S 34W 26BAC 01	QA	15.0	-8	-6.5	-4.8	-.2	-.3	33	25	-24
03S 35W 24CBB 01	QA	27.1	-6	-2.4	-.3	-.2	-.1	29	23	-21
03S 36W 14CBB 01	TO	200.3	-12	-9.0	.5	-.3	-.5	121	109	-10
03S 36W 17CCC 01	TO	209.2	-13	-13.8	-2.4	-.4	-.7	104	91	-13
04S 31W 16ABD 01	QA	10.7	-4	-2.8	-3.6	-.1	-.1	43	39	-9
04S 31W 25DDD 01	QA	16.6	-2	-1.9	-.3	-.1	-.1	17	15	-12
04S 33W 10ABC 01		143.5			3.2					
04S 33W 16DDA 01	TO	86.5	2	1.2	-.3	.1	.1	65	67	3
04S 33W 28DCA 01	TO	151.3	1		-1.1			55	56	1
04S 34W 33CBC 01	TO	118.4	-3	-1.2	.5	-.1	-.1	95	92	-3
04S 35W 06DCD 01	TO	161.9	-5	-4.1	1.4	-.1	-.2	103	98	-5
04S 35W 13DAD 01	QA	16.1	-3	-1.0	0.0	-.1	-.1	38	35	-8
04S 35W 29DDD 01	TO	149.8		.4	.8			74	74	
04S 36W 06BBB 01	TO									
04S 36W 23CBB 01	TO	215.2			.9					
04S 36W 23DCA 01		211.9			.8					
05S 31W 10DDA 01	TO	42.6	-13	-2.4	.3	-.4	-.1	40	27	-33
05S 31W 20CCA 01	TO	33.0	-11	-3.3	3.2	-.3	-.2	46	35	-24
05S 31W 23DDD 01	TO									
05S 32W 14CDD 01	TO	133.6	-4	-2.8	-2.4	-.1	-.1	50	46	-8
05S 32W 20DDC 01										
05S 33W 29BDA 01	TO	17.9	-6	-.9	-.7	-.2		103	97	-6
05S 34W 01BBB 01	TO	114.6	1	-.2	.9			121	122	1
05S 34W 28ADC 01	TO	133.5	-7	.6	.3	-.2		120	114	-5
05S 35W 10CDD 01	TO	166.9		-1.1	.4		-.1	110	110	
05S 35W 30CBC 01		171.2			-.7					

TABLE 1.-- SELECTED HYDROLOGIC DATA, RAWLINS COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1936 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1936 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
05S 36W 21BCD 01	QA,TO	18.0	-1	-2.5			-0.1	138	137	-1



WATER–LEVEL CHANGE IN RAWLINS COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, KERN 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
22S 04W 12CDA 01	QU	1449.									40.2	32.3
22S 04W 32B8C 01	QU	1510.				6.6				11.1		12.7
22S 05W 17BCC 01											9.8	8.7
22S 05W 33D2D 01		1569.									19.9	19.0
22S 06W 19BCB 01											9.6	7.6
22S 04W 29CCB 01										9.1	9.1	8.5
22S 07W 17DCB 01	QU	1596.			2.0				7.6	7.0	4.6	4.8
22S 08W 09D8A 01	QU	1670.		35			31.5	32.7	32.0	32.0	32.4	31.3
22S 08W 23D4D 01	QU	1651.			29.3	31.1	27.8	30.2	29.9	29.5	28.5	28.2
22S 08W 33CCD 01	QU	1658.			4.2	5.9	7.0	9.4		7.5	6.9	5.4
22S 09W 03B8C 01	QU	1712.		20	29.1	33.4	35.2	34.6	33.5	34.0	35.5	33.4
22S 09W 17BAB 01	QU	1732.		10	9.8	17.7	19.6	19.6	19.2	19.0	20.8	17.1
22S 09W 25B8A 01	QU	1705.			18.9	20.5					22.1	21.8
22S 10W 02DCC 01	QU	1736.		12	1.6	8.8	10.7	9.1	9.4	9.9	10.5	7.4
22S 10W 09B6B 01	QU	1764.		6	5.9	14.1	15.9	12.8	13.6	14.1	14.9	12.9
22S 10W 30D4A 01	QU	1775.		10	3.9	8.5	11.3	6.5	9.2	11.8	13.0	9.2
23S 04W 16B8E 01	QU	1570.				19.5					22.2	18.9
23S 04W 30B4A 01	QU	1491.									6.6	7.2
23S 06W 15BAC 01											9.6	9.2
23S 06W 31DCB 01	QU	1577.		27	32.4	31.4	31.0	32.1	31.1	31.0	31.1	30.7
23S 07W 01ABA 01	QU	1567.		7	5.3	7.0	8.2	7.6	8.3	8.1	8.1	7.7
23S 07W 05ABA 01	QU	1623.		20	24.5	25.0	26.8	28.0	26.5	27.0	26.6	23.9
23S 07W 13DDD 01	QU	1604.		49	52.8	52.7	52.6	52.7	52.5	52.6	52.4	52.2
23S 09W 19AAD 01	QU	1675.		15	10.5	13.0	14.6	15.7	14.5	14.5	14.2	12.0
23S 09W 05C8D 01	QU	1749.		9	12.0	16.6	18.8	18.6	18.9	19.2	20.2	18.5
23S 09W 21DDE 01	QU	1732.		7	3.2		12.0	11.8	12.1	11.9	13.2	10.5
23S 09W 35CCC 01	QU	1718.	110	10	13.6	15.6	20.7	20.4	20.7	20.8	22.1	18.6
23S 10W 02BAB 01	QU	1751.		7	3.0	6.1	8.2	7.1	7.3	8.0	8.1	6.9
23S 10W 25CAC 01	QU	1752.		18	4.5	10.0	11.9	11.8	12.9	13.5	14.7	14.3
24S 04W 03CD8 01	QU	1480.				4.9				7.5	7.4	7.3
24S 04W 14DAC 01	QU	1455.				6.4				9.5	9.2	7.4
24S 04W 25B3D 01	QU	1448.									5.7	4.2
24S 04W 31DAB 01		1495.								29.8	29.1	26.1
24S 05W 10CCA 01	QU	1509.								25.6		20.3
24S 06W 14AB3 01	QU	1543.									23.9	
24S 06W 23CBA 01											11.8	9.2
24S 07W 08ADA 02		1633.									44.4	43.3
24S 07W 28AAA 01	QU	1588.		13	14.1	11.5	12.3	12.1	12.3	11.9	11.9	10.4
24S 08W 04AB 01		1650.		13		13.3	14.3	17.5	17.7	16.9	15.2	12.7
24S 08W 18B4C 01	QU	1642.			2.5	3.4	5.2	5.0	4.1	6.1	5.9	4.9

TABLE 1.-- SELECTED HYDROLOGIC DATA, RENO COUNTY -- CONTINUED

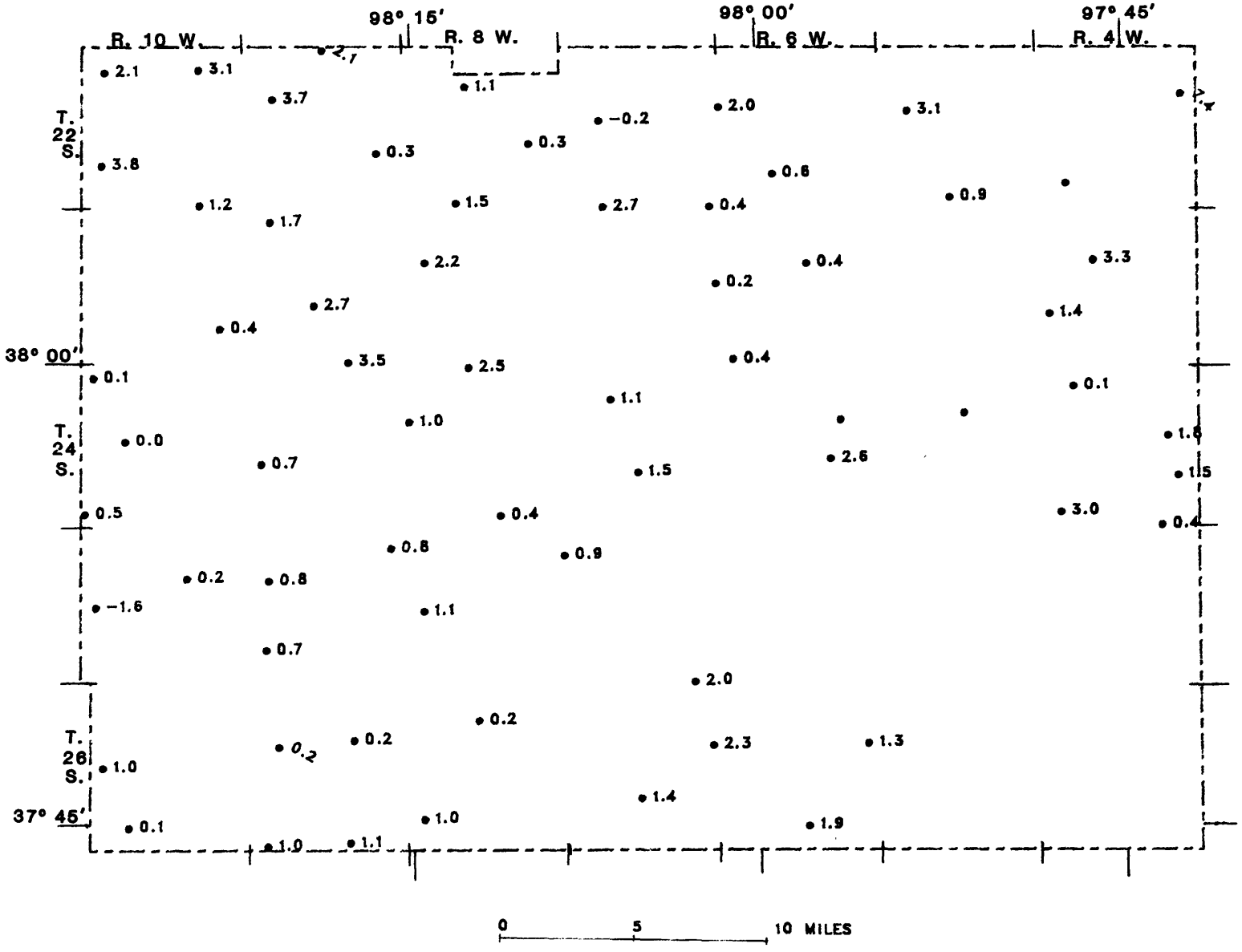
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
24S 08W 34D4C 01	QU	1590.			6.4	5.7	6.3	6.2	6.3	6.2	6.3	5.9
24S 09W 19DDA 01	QU	1704.		17	21.9	22.2	21.9	22.9	23.3	23.5	24.0	23.3
24S 10W 06DBB 01	QU	1747.		17	17.9	21.2	20.2	22.1	22.7	23.5	24.5	24.4
24S 10W 17DDC 01	QU	1755.		9	11.8	14.7	15.3	15.0	16.9	17.4	17.6	17.6
24S 10W 31CBC 01		1750.									10.5	10.0
25S 04W 02ABB 01	QU	1449.									8.7	8.3
25S 07W 07BBB 01	QU	1602.			24.3	23.2	23.1	23.2	23.7	23.5	23.3	22.4
25S 07W 36CCC 01	QU	1570.			24.5	26.0	26.1	26.8	27.3	26.2	26.0	24.0
25S 08W 14ADA 01	QU	1607.			7.3	7.7	9.5	9.4	9.6	9.0	8.4	7.3
25S 09W 01DCD 01	QU	1658.		10	12.8	13.5	13.6	14.6	14.8	14.8	15.1	14.3
25S 09W 17BBC 01	QU	1710.		7	12.6	14.1	14.6	14.9	15.2	15.2	15.8	15.0
25S 09W 30DDA 01	QU	1693.		15	16.0	17.0	17.8	17.3	17.9	18.2	17.8	17.1
25S 10W 14BCB 01	QU	1748.	115	25	24.9	25.3	24.6	24.6	25.9	26.2	26.5	26.3
25S 10W 19ABD 01	QU	1790.		33	27.9	28.0	28.1	28.4	29.7	30.0	29.9	31.5
26S 06W 13BAB 01	QU	1475.			7.2	6.8	9.5	7.8	9.8	8.8	8.1	6.8
26S 06W 34BBC 01	QU	1545.			17.6	18.1	18.9	19.5	20.0	17.7	17.5	15.6
26S 07W 12DCC 01	QU	1582.			30.6	31.4	31.2	31.6	31.3	31.1	31.1	28.5
26S 07W 21DDC 01	QU	1620.			21.5	23.5	19.8	20.9	20.9	20.3	18.9	17.5
26S 08W 09ABA 01	QU	1569.				6.7	6.7	6.9	7.8	7.6	7.4	7.2
26S 08W 30DCB 01	QU	1680.			32.5	33.8	32.7	33.0	34.0	31.7	30.9	29.9
26S 09W 10DDB 01	QU	1686.		26	19.8	22.1	21.6	21.8	19.9	22.1	19.9	19.7
26S 09W 19AAA 01	QU	1668.		17	8.3	6.6	8.3	8.5	7.5	7.6	6.7	6.5
26S 09W 31DCC 01		1735.									53.0	52.0
26S 09W 34DBD 01	QU	1685.		25	25.3	25.6	25.2	25.5	25.5	26.6	24.1	23.0
26S 10W 18CDC 01	QU	1797.		13	24.6	24.2	23.7	24.3	24.7	25.3	24.6	23.6
26S 10W 32BBD 01	QU	1760.		5	24.5	24.5	25.2	25.5	26.1	26.2	25.1	25.0

TABLE 1.-- SELECTED HYDROLOGIC DATA, RENO COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATUPATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
22S 04W 12CDA 01	QU	32.8			7.4					
22S 04W 32BBC 01	QU	12.7								
22S 05W 17BCC 01		6.7			3.1					
22S 05W 33DBD 01		18.0			.9					
22S 06W 18BCB 01		7.6			2.0					
22S 06W 28CCB 01		9.5			.6					
22S 07W 17DCB 01	QU	4.8		-2.7	-.2		-0.2			
22S 08W 09DBB 01	QU	31.3	4		1.1	0.1				
22S 08W 23DAD 01	QU	28.2		1.1	.3		.1			
22S 08W 33CCD 01	QU	5.4		-1.2	1.5		-.1			
22S 09W 03BBD 01	QU	33.4	-13	-4.3	2.1	-.3	-.4			
22S 09W 17BAB 01	QU	17.1	-7	-7.3	3.7	-.2	-.6			
22S 09W 25BBA 01	QU	21.8		-2.9	.3		-.2			
22S 10W 02DCC 01	QU	7.4	5	-5.8	3.1	.1	-.5			
22S 10W 08BBB 01	QU	12.5	-7	-6.9	2.1	-.2	-.6			
22S 10W 30DAA 01	QU	9.2	1	-5.3	3.8		-.4			
23S 04W 16BBB 01	QU	18.9			3.3					
23S 04W 30BAA 01	QU	7.2			1.4					
23S 06W 15BAC 01		9.2			.4					
23S 06W 31DCB 01	QU	30.7	-4	1.7	.4	-.1	.1			
23S 07W 01ABA 01	QU	7.7	-1	-2.4	.4		-.2			
23S 07W 05ABA 01	QU	23.9	-4	-1.4	2.7	-.1	-.1			
23S 07W 13DDD 01	QU	52.2	-3	.6	.2	-.1	.1			
23S 08W 18AAD 01	QU	12.0	3	-1.5	2.2	.1	-.1			
23S 09W 05CBD 01	QU	18.5	-10	-6.5	1.7	-.2	-.5			
23S 09W 21DDB 01	QU	10.5	-4	-7.3	2.7	-.1	-.6			
23S 09W 35CCC 01	QU	18.6	-9	-5.0	3.5	-.2	-.4	100	91	-9
23S 10W 02BAB 01	QU	6.9		-3.9	1.2		-.3			
23S 10W 25CAC 01	QU	14.3	4	-9.8	.4	.1	-.8			
24S 04W 05CDB 01	QU	7.3			.1					
24S 04W 14DAC 01	QU	7.4			1.8					
24S 04W 25BBD 01	QU	4.2			1.5					
24S 04W 31DAB 01		26.1			3.0					
24S 05W 10CCA 01	QU	20.3								
24S 06W 14ABB 01	QU									
24S 06W 23CBA 01		9.2			2.6					
24S 07W 09ADA 02		43.3			1.1					
24S 07W 28AAA 01	QU	10.4	3	3.7	1.5	.1	.3			
24S 08W 04AB 01		12.7			3.5					
24S 09W 18BAC 01	QU	4.9		-2.4	1.0		-.2			

TABLE 1.-- SELECTED HYDROLOGIC DATA, RENO COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
24S 08W 34DAC 01	QU	5.9		0.5	0.4					
24S 09W 19DDB 01	QU	23.3	-6	-1.4	.7	-0.1	-0.1			
24S 10W 06DPB 01	QU	24.4	-7	-6.5	.1	-.2	-.5			
24S 10W 17DDC 01	QU	17.6	-9	-5.8	0.0	-.2	-.5			
24S 10W 31CPC 01		10.0			.5					
25S 04W 02APB 01	QU	8.3			.4					
25S 07W 07BPD 01	QU	22.4		1.4	.9		.2			
25S 07W 36CCC 01	QU	24.0		.5	2.0					
25S 08W 19APB 01	QU	7.3			1.1					
25S 09W 01DCD 01	QU	14.3	-4	-1.5	.8	-.1	-.1			
25S 09W 17BBC 01	QU	15.0	-8	-2.4	.8	-.2	-.2			
25S 09W 30DDA 01	QU	17.1	-2	-1.1	.7		-.1			
25S 10W 14BBB 01	QU	26.3	-1	-1.4	.2		-.1	90	89	-1
25S 10W 19APD 01	QU	31.5	2	-3.6	-1.6		-.3			
26S 06W 13BAB 01	QU	6.8		.4	1.3					
26S 06W 34BBC 01	QU	15.6		2.0	1.9		.2			
26S 07W 12DCC 01	QU	28.8		1.8	2.3		.2			
26S 07W 21DDC 01	QU	17.5		4.0	1.4		.3			
26S 08W 09ABA 01	QU	7.2			.2					
26S 08W 30DCB 01	QU	29.9		2.6	1.0		.2			
26S 09W 10DDB 01	QU	19.7	6	.1	.2	.1				
26S 09W 18AAA 01	QU	6.5	11	1.8	.2	.3	.2			
26S 09W 31DCC 01		52.0			1.0					
26S 09W 34DBD 01	QU	23.0	2	2.3	1.1		.2			
26S 10W 18CDC 01	QU	23.6	-11	1.0	1.0	-.3	.1			
26S 10W 32BBD 01	QU	25.0	-20	-.5	.1	-.5				



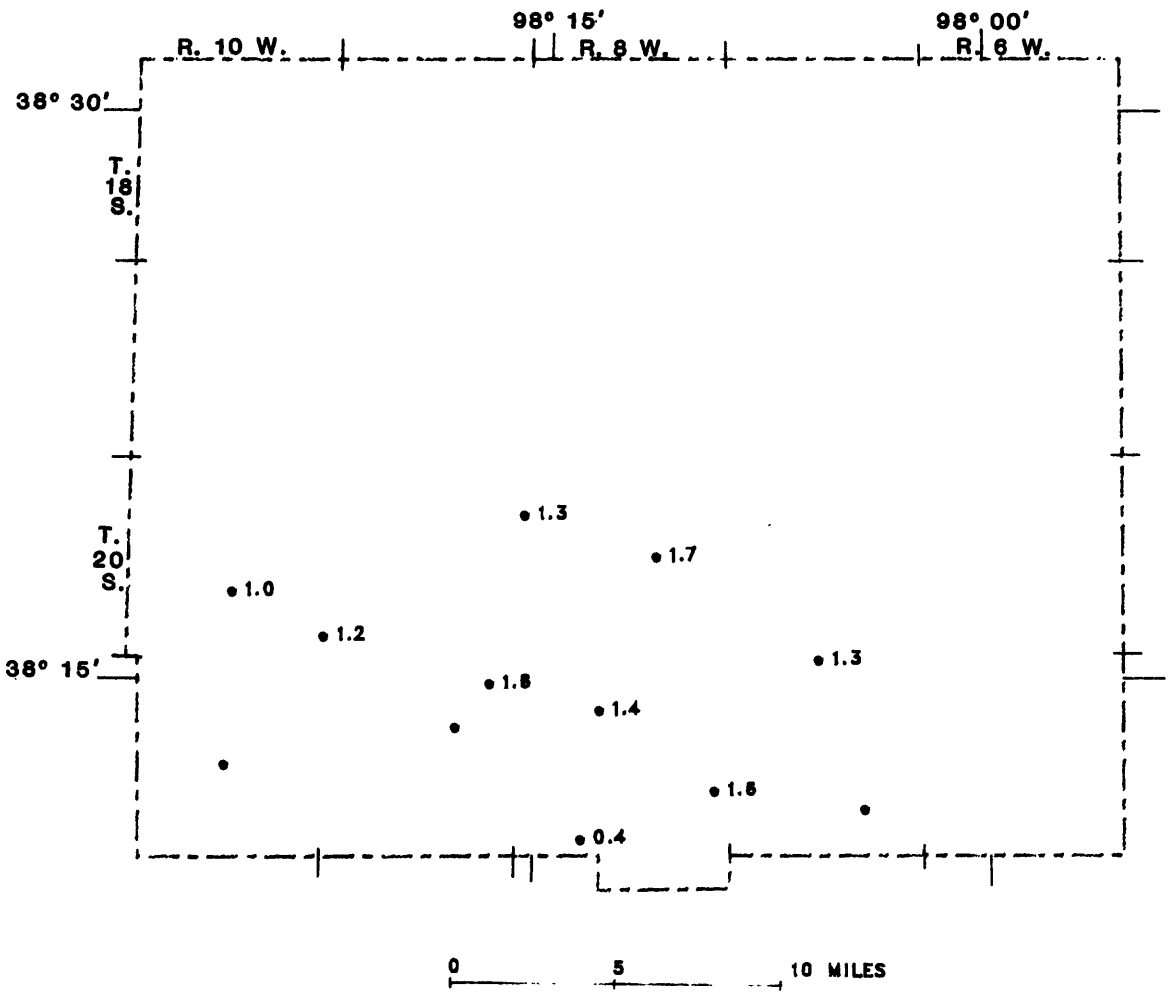
WATER–LEVEL CHANGE IN RENO COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, RICE COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1964 (FEET)	DEPTH TO WATER 1965 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
20S 20W 22AAA 01		1544.		14		14.2	15.0	13.5	14.1	15.1	15.4	13.7
20S 22W 12DDA 01	QA	1464.		11	9.3	13.4	14.1	12.5	12.9	13.6	14.1	12.8
20S 19W 27BBB 01		1736.		46							34.3	33.3
20S 19W 36ACD 01		1715.		10		13.4	13.7	13.1	13.0	13.6	14.2	13.0
21S 22W 04AAC 01		1615.		14		12.9	14.1	13.2	13.9	14.2	14.0	13.7
21S 07W 24CBD 01		1595.		10		8.7	11.0	10.2	9.7			11.0
21S 08W 09CBD 01		1647.		9		9.5	11.4	11.2	10.7	11.7	12.6	11.2
21S 08W 25ABB 01		1620.		7		3.3	6.2	5.0	4.7	5.8	5.9	4.3
21S 08W 32CBB 01		1641.		3							7.1	6.7
21S 09W 02DCA 01		1670.		9		12.1		12.8	12.4	13.2	14.3	12.7
21S 09W 15AAC 02		1669.										
21S 10W 21ADB 01	QU	1720.	110	5	2.0	8.7	8.6	5.4	8.5	9.2	8.9	

TABLE 1.-- SELECTED HYDROLOGIC DATA, RICE COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
20S 08W 22AAA 01		13.7			1.7					
20S 09W 12DDA 01	JA	12.8	-2	-4.5	1.3	-0.1	-0.2			
20S 10W 27BBB 01		33.7	13		1.0	.4				
20S 10W 36ACD 01		13.0	-3		1.2	-.1				
21S 07W 04AAC 01		12.7	1		1.3					
21S 07W 26CBD 01		11.0	-1							
21S 08W 09CBC 01		11.2	-2		1.4	-.1				
21S 08W 25ABB 01		4.3	3		1.6	.1				
21S 08W 32DBB 01		6.7	-4		.4	-.1				
21S 09W 02DDA 01		12.7	-4		1.6	-.1				
21S 07W 15AAC 02		6.0								
21S 10W 21ADB 01	QU									



WATER–LEVEL CHANGE IN RICE COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, SCOTT 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
16S 31W 17DDD 01	TO	2931.	161	118		120.2		121.8	119.0	121.7	121.1	119.2
16S 31W 31BCB 01	TO	2958.	168	127	128.4	133.4	139.5	136.6	135.0	135.0	137.6	134.5
16S 33W 19CBB 01	TO	3097.	192	124	140.7	162.9	161.2	160.1	157.2	160.2	159.3	159.9
16S 33W 33BAA 01	TO	3066.	194	130		150.6		148.6	148.9	152.3	150.7	150.4
16S 34W 09CCB 01	TO	3146.	181	118	133.5	153.1		155.9	156.7	157.0	157.4	157.8
16S 34W 29CBB 01	TO	3160.	181	119	134.1	165.2	162.9	168.2	166.2	166.3	166.7	166.7
17S 31W 04DCC 01	TO	2932.	170	117		126.6		130.3	135.1	125.6	129.3	125.7
17S 31W 19CDA 01	TO	2960.							122.0	124.2	125.4	121.3
17S 31W 35CCB 01	TO	2925.	147	86		99.3	99.2	101.8	101.0	98.3	97.6	97.5
17S 32W 16BBB 01	TO	2980.	231	88		132.3		145.8	152.2			140.6
17S 32W 27BBB 01	TO	2990.	180	95	107.0	133.8			147.8	153.1	153.0	143.0
17S 32W 31BCB 01	TO	2984.	245	66	88.6	123.4	129.4		146.8	136.2	137.2	
17S 33W 07BBB 01	TO	3093.	202	112	134.5	150.3	153.7	154.6	153.6		154.5	158.0
17S 33W 14ACB 01	TO	3014.	214	93		134.3		137.8	138.7	139.5	140.6	140.7
17S 34W 06BCB 01	TO	3163.	194	108	118.5	141.6	141.9	146.9	144.6		146.8	146.1
17S 34W 16ACB 01	TO	3134.	194	107	112.1	123.2	125.7	127.8	126.3	127.4	127.1	126.2
17S 34W 25DBB 01	TO	3092.	159	103	114.5	134.8	135.5	137.1	134.6	137.1	137.1	134.9
18S 31W 24BCB 01	TO	2913.	110	65		74.8	75.5	74.1	77.9	76.2	75.4	74.6
18S 31W 27ABA 01	TO	2930.	105	70		69.8	69.6	69.9	70.4	69.2		69.0
18S 32W 14BBB 01	TO	2980.	175	85	98.4	111.0	111.1	113.2	116.0	114.5	114.6	114.5
18S 32W 17ABA 02	TO	2973.					112.0	114.7	116.2	114.9	113.6	113.5
18S 33W 03CCB 01	TO	3006.	182	71	83.1	114.8		120.8	117.0	118.0	118.8	118.2
18S 33W 05CCC 01	TO	3041.	119	75	84.7	97.5	96.3	97.5	99.9	99.1	99.7	99.6
18S 33W 11ABB 01	TO	2981.	199	55		106.2	108.4	111.6	114.9	113.6	117.1	115.4
18S 33W 15DCD 01	TO	2958.	132			87.2	102.0	96.6	93.2	89.2	89.1	90.9
18S 33W 26DAD 02		2952.	168	30	47.0	69.2	73.9	75.3	76.8	77.8	79.2	80.6
18S 33W 34ADB 01	TO	2960.	122	76		72.1	72.2	76.8	79.0	77.3	76.0	78.7
18S 34W 05CBB 01	TO	3148.	163	88		111.8	113.3	115.5	115.6	115.9	115.5	114.8
18S 34W 25BBD 01	TO	3092.	132	90	95.8	110.7	110.7	111.6	112.4	112.6	112.6	116.3
18S 34W 34BBC 01	TO	3130.	160	90	100.6	117.9	118.0	119.0	119.1	116.9		116.9
19S 32W 06CCB 01		2937.	199	21		60.7	63.0	65.6	67.5	68.0	70.3	69.2
19S 32W 32ACB 01	QU,TC	2984.	204	69		83.6	83.4	84.8	86.9	86.3	86.3	85.2
19S 33W 06DBB 01	TO,TC	3021.	117	59		66.0	63.5	63.4	64.6	66.5	63.1	62.7
19S 33W 12DDC 01	QA,TC	2939.	200	25	29.5	50.1	51.3	52.6	53.1	55.8	55.8	56.4
19S 33W 15DBD 01	TO	2964.	132	56	70.9	99.0	104.5	107.0	109.0	108.6	108.8	109.9
19S 33W 29CBB 02		2994.	174	78	101.0	120.5		117.6	120.8	124.3	126.1	115.1
19S 34W 19DCC 01		3139.					125.8	125.2	125.0	125.9	126.1	126.1
[illegible]DAD 01	TO	2955.	155	57		123.9			126.2	123.2		123.9
[illegible]01	TO	2917.	187	25		81.1	84.0	87.6	92.5	91.1	92.9	97.4
		2955.	155	50	74.6	101.9			115.0		107.8	101.5

TABLE 1.-- SELECTED HYDROLOGIC DATA, SCOTT COUNTY -- CONTINUED

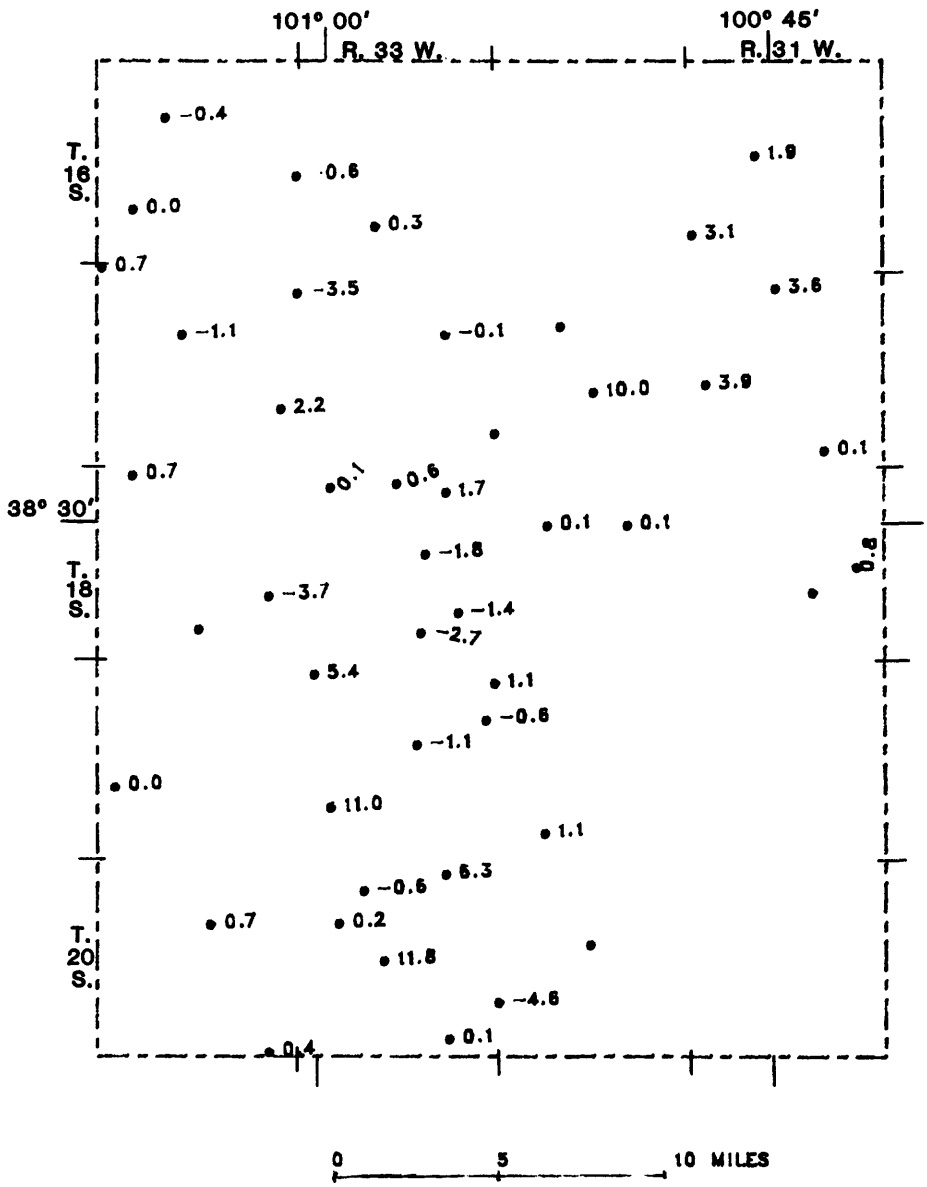
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
20S 33W 09BBB 01	TO	2973.	128	60	84.5	96.0	97.0	97.7	98.1	98.9	99.5	100.1
20S 33W 17BAB 01	TO	2974.	132	62	84.8	115.8		115.8	117.4	117.5	117.1	116.9
20S 33W 21ABD 01		2957.	147	48	50.9	116.0		129.2	124.1		135.0	123.2
20S 33W 35DBA 01	QA,TC	2929.	147	40	53.2	91.8	88.5	91.0	93.7	94.5	96.9	96.5
20S 34W 15BAA 01	TO	3060.	138	97		103.1	105.0	103.1	102.6	102.9	103.4	102.7
20S 34W 36CCD 01	TO	2962.	107	53		79.3	79.4	79.6	79.3	80.7	79.9	79.5

TABLE 1.-- SELECTED HYDROLOGIC DATA, SCOTT COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
16S 31W 17DDD 01	TO	119.2	-1		1.9			43	42	-2
16S 31W 31BCB 01	TO	134.5	-8	-6.1	3.1	-0.2	-0.3	41	34	-17
16S 33W 19CBB 01	TO	159.9	-36	-19.2	-.6	-1.0	-1.0	68	32	-53
16S 33W 33BAA 01	TO	150.4	-20		.3	-.6		64	44	-31
16S 34W 09CCB 01	TO	157.8	-40	-24.3	-.4	-1.1	-1.2	63	23	-63
16S 34W 29CBB 01	TO	166.7	-45	-32.6	0.0	-1.3	-1.6	62	14	-77
17S 31W 04DCC 01	TO	125.7	-9		3.6	-.3		53	44	-17
17S 31W 19CDA 01	TO	121.5			3.9					
17S 31W 35CCB 01	TO	97.5	-12		.1	-.3		61	50	-18
17S 32W 16BBB 01	TO	140.6	-53					143	90	-37
17S 32W 27BBB 01	TO	143.0	-48	-35.9	10.0	-1.3	-1.8	85	37	-56
17S 32W 31BCB 01	TO									
17S 33W 07BBB 01	TO	158.0	-46	-23.4	-3.5	-1.3	-1.2	90	44	-51
17S 33W 14ACB 01	TO	140.7	-48		-.1	-1.3		121	73	-40
17S 34W 06BCB 01	TO	146.1	-38	-27.6	.7	-1.1	-1.4	86	48	-44
17S 34W 16ACB 01	TO	128.2	-21	-16.1	-1.1	-.6	-.8	87	66	-24
17S 34W 25DBB 01	TO	134.9	-32	-20.3	2.2	-.9	-1.0	86	54	-37
18S 31W 24BCB 01	TO	74.6	-7		.8	-.2		42	35	-17
18S 31W 27ABA 01	TO	69.0	1					35	36	3
18S 32W 14BBB 01	TO	114.5	-30	-16.0	.1	-.8	-.8	90	61	-32
18S 32W 17ABA 02	TO	113.5			.1					
18S 33W 03CCB 01	TO	118.2	-47	-35.1	.6	-1.3	-1.8	111	64	-42
18S 33W 05CCC 01	TO	99.6	-25	-14.9	.1	-.7	-.7	44	19	-57
18S 33W 11ABB 01	TO	115.4	-60		1.7	-1.7		144	84	-42
18S 33W 15DDD 01	TO	90.9			-1.8				41	
18S 33W 26DAD 02		80.6	-51	-33.6	-1.4	-1.4	-1.7	138	87	-37
18S 33W 34ADB 01	TO	78.7	-53		-2.7	-1.5		96	43	-55
18S 34W 05CBB 01	TO	114.8	-27		.7	-.8		80	53	-34
18S 34W 25BBD 01	TO	116.3	-26	-20.5	-3.7	-.7	-1.0	42	16	-62
18S 34W 34BBC 01	TO	116.9	-27	-16.3		-.8	-.8	70	43	-39
19S 32W 06CCB 01		69.2	-48		1.1	-1.3		178	130	-27
19S 32W 32ACB 01	QU,TO	85.2	-16		1.1	-.4		135	119	-12
19S 33W 06DBB 01	TO,TO	62.7	-4		5.4	-.1		58	54	-7
19S 33W 12DDC 01	QA,TO	56.4	-31	-26.8	-.6	-.9	-1.3	175	144	-18
19S 33W 15DAD 01	TO	109.9	-54	-39.0	-1.1	-1.5	-2.0	76	22	-71
19S 33W 29CBB 02		115.1	-39	-14.1	11.0	-1.1	-.7	98	59	-40
19S 34W 19DCCC01		126.1			0.0					
20S 32W 16DAD 01	TO	123.9	-67			-1.9		98	31	-68
20S 32W 30BCD 01	TO	97.4	-72		-4.6	-2.0		162	90	-44
20S 33W 02DBB 01		101.5	-52	-24.5	6.3	-1.4	-1.2	105	54	-49

TABLE 1.-- SELECTED HYDROLOGIC DATA, SCOTT COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
20S 33W 09BBB 01	TO	100.1	-40	-15.6	-0.6	-1.1	-0.8	68	28	-59
20S 33W 17BAB 01	TO	116.9	-55	-32.1	.2	-1.5	-1.6	70	15	-79
20S 33W 21ABD 01		123.2	-75	-72.2	11.8	-2.1	-3.6	99	24	-76
20S 33W 35DBA 01	QA,TO	96.8	-57	-43.5	.1	-1.6	-2.2	107	50	-53
20S 34W 15BAA 01	TO	102.7	-6		.7	-.2		41	35	-15
20S 34W 36CCD 01	TO	79.5	-27		.4	-.8		54	28	-48



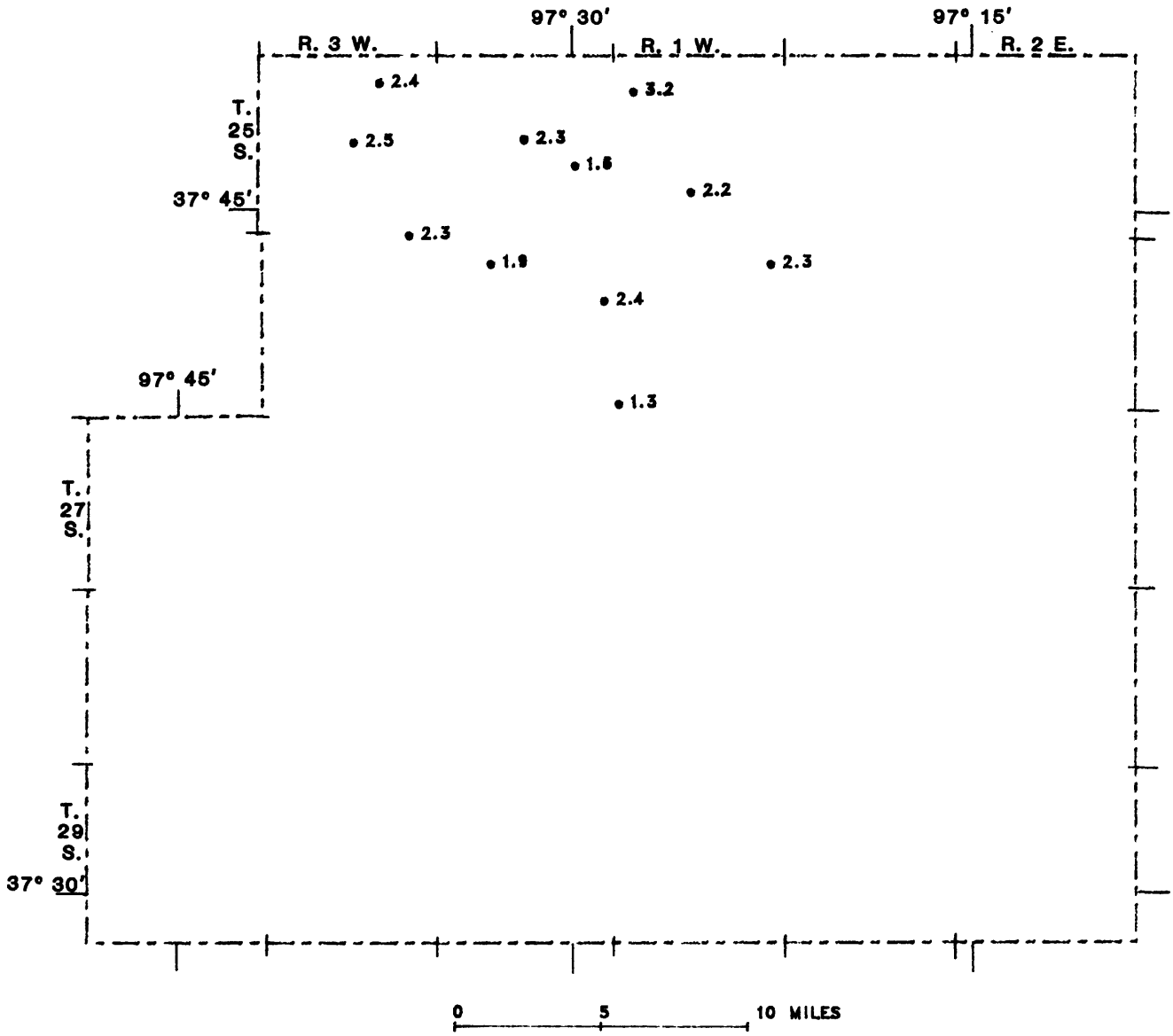
WATER–LEVEL CHANGE IN SCOTT COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, SEDGWICK COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1971 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
25S 01W 07ABD 01	QU	1377.									30.8	27.6
25S 01W 2?DBA 01	QU	1344.									15.1	12.9
25S 02W 16DDA 01	QU	1390.									6.7	4.4
25S 02W 23DBD 01	QU	1379.									10.3	8.7
25S 03W 03DDD 01	QA,QU	1423.				9.9	12.6	10.6	11.8	12.6	12.7	10.3
25S 03W 15CCC 01	QU	1429.									22.6	20.1
26S 01W 12BAD 01	QU	1341.									16.5	14.2
26S 01W 31CCD 01		1370.									40.1	38.8
26S 02W 09AAB 01	QU	1397.									32.8	30.9
26S 02W 13ACA 01	QU	1360.									11.1	8.7
26S 03W 02AAC 01	QU	1409.									23.2	20.9

TABLE 1.-- SELECTED HYDROLOGIC DATA, SEDGWICK COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
25S 01W 07ABD 01	QU	27.6			3.2					
25S 01W 28DBA 01	QU	12.9			2.2					
25S 02W 16DDA 01	QU	4.4			2.3					
25S 02W 23DBD 01	QU	8.7			1.6					
25S 03W 03DDC 01	QA/QU	10.3			2.4					
25S 03W 15CCC 01	QU	20.1			2.5					
26S 01W 12BAD 01	QU	14.2			2.3					
26S 01W 31CCD 01		38.8			1.3					
26S 02W 05AAB 01	QU	30.9			1.9					
26S 02W 13ACA 01	QU	8.7			2.4					
26S 03W 02AAC 01	QU	20.9			2.3					



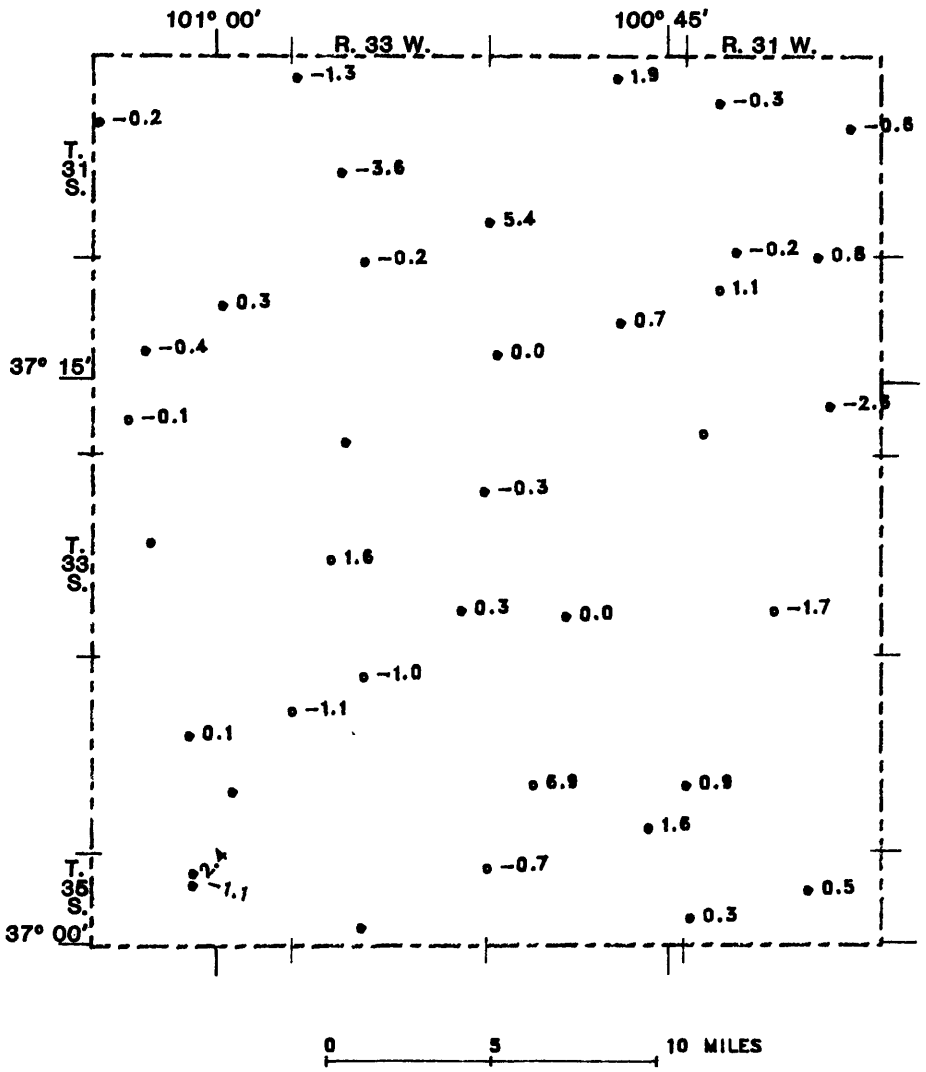
WATER–LEVEL CHANGE IN SEDGWICK COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, SEWARD COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1965 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
31S 31W 05BCC 01	QU,TC	2929.	519	164	169.4	204.8	208.1	210.5	218.0	215.5	218.5	218.8
31S 31W 13B5C 01		2800.	515	152							158.4	159.0
31S 31W 32DCC 01		2801.	456	153							162.2	162.4
31S 32W 03DAD 01	QU,TC	2845.	496	158	174.1	206.6	213.8	216.4	222.3	217.3	219.6	217.7
31S 32W 31BBB 01		2864.	454	174							213.5	213.1
31S 33W 06CBD 01	QU,TC	2945.	494	210	211.2	233.1	236.4	238.2	242.4	242.5	243.7	245.0
31S 33W 20DBB 01	QU,TC	2897.	537	179	179.1	207.2	210.7	213.2	217.1	208.0	212.1	215.7
31S 34W 18BBB 01	QU,TC	2951.	421	186	186.3	207.1		213.4	218.0	216.8	218.8	219.0
32S 31W 02BBB 01		2787.	497	149							192.6	191.8
32S 31W 08BBB 01	QU,TC	2815.	455	175	165.5	198.8	200.5	204.4	214.6	202.9	204.4	203.3
32S 31W 26CAA 01	QU,TC	2783.	453	180	182.9	209.4	219.2		216.5	209.3	217.9	220.5
32S 31W 31ACC 01	QU,TC	2778.	439	173	177.5		208.4	209.0	213.0			
32S 32W 14BBB 01	QU,TC	2830.	435	180	192.8			227.3	232.7	222.0	222.7	222.0
32S 32W 19BAB 01	QU,TC	2854.	475	189	194.7			222.2	227.2	214.8	217.1	217.1
32S 33W 04BAA 01		2869.		167			188.4	195.4		191.7	193.0	193.2
32S 33W 32DBD 01		2830.										151.7
32S 34W 10DAA 01	QU,TC	2925.	470	205	203.5	212.6	219.3	219.3	222.8	223.1	220.9	220.6
32S 34W 17DCC 01		2953.	493	213	222.8	243.9	250.4	253.9	258.7	256.2	251.2	251.6
32S 34W 32BAB 01	QU,TC	2921.	491	159	154.3	177.1	184.9	187.1	189.4	175.5	174.8	174.9
33S 31W 29DDB 01		2720.	550	190							186.8	188.5
33S 32W 28CDD 02	QU,TC	2630.	399	60		57.1	57.6	58.0	58.4	58.7	58.7	58.7
33S 33W 12AAD 01	QU,TC	2626.	316	5	5.7	7.6		9.2	8.3	9.4	9.1	9.4
33S 33W 20BCC 01		2866.		176			211.2	213.5	217.5	195.4	195.9	194.3
33S 33W 25DCC 01		2810.		197			212.2	210.5	213.0	198.3	198.6	198.3
33S 34W 17DCC 01		2918.		123					114.0	112.2		114.4
34S 31W 30BBB 01		2731.	671	208		209.0	210.3	210.5	210.6	211.0	211.1	210.2
34S 32W 29BAA 01		2765.	525	175							175.7	168.8
34S 32W 35ADA 01	QU,TC	2734.		139		189.6		190.8	191.4	191.1	191.9	190.3
34S 33W 04BCD 01		2855.		165			201.3	206.2	210.5	192.8	193.2	194.2
34S 33W 07CCB 01		2901.	575	140	126.7	130.2	131.6	132.9	133.9	135.1	136.0	137.1
34S 34W 16DAA 01	QU,TC	2943.	673	114	94.5	122.2	127.9	133.3	137.9	131.0	125.7	125.6
34S 34W 26BCA 01		2903.		98							106.8	
35S 31W 10AAC 01											194.0	193.5
35S 31W 19BBA 01	QU,TC	2707.	497	187	181.9	172.1	181.4		187.7	177.6	180.0	179.7
35S 32W 06CBB 01		2780.	540	150							159.2	159.9
35S 33W 16BCA 01	QU,TC	2833.	658	126	103.7	114.5	116.7	120.0	123.2	121.3		128.9
35S 34W 03CBC 01		2920.	660	95		96.9		97.5	100.4	104.1	104.3	101.9
35S 34W 10BBB 01	QU,TC	2912.	647	96	80.3	71.6	74.5		78.0	75.5	77.4	75.5

TABLE 1.-- SELECTED HYDROLOGIC DATA, SEWARD COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
31S 31W 08BCC 01	QU,TO	218.8	-55	-49.3	-0.3	-1.2	-2.5	355	300	-15
31S 31W 17BBC 01		159.0	-7		-.6	-.2		363	356	-2
31S 31W 32BCC 01		162.4	-9		-.2	-.2		303	294	-3
31S 32W 03DAD 01	QU,TO	217.7	-60	-43.5	1.9	-1.3	-2.2	339	278	-18
31S 32W 31BBE 01		213.1	-39		5.4	-.8		280	241	-14
31S 33W 06CBC 01	QU,TO	245.0	-35	-33.8	-1.3	-.8	-1.7	288	253	-12
31S 33W 20DBB 01	QU,TO	215.7	-37	-36.6	-3.6	-.8	-1.8	358	321	-10
31S 34W 19BBE 01	QU,TO	219.0	-33	-32.6	-.2	-.7	-1.6	235	202	-14
32S 31W 02BBB 01		191.8	-43		.8	-.9		348	305	-12
32S 31W 08BBE 01	QU,TO	203.3	-28	-37.8	1.1	-.6	-1.9	280	252	-10
32S 31W 26CAA 01	QU,TO	220.5	-41	-37.6	-2.6	-.9	-1.9	273	233	-15
32S 31W 31ACC 01	QU,TO									
32S 32W 14BBB 01	QU,TO	222.0	-42	-29.2	.7	-.9	-1.5	255	213	-16
32S 32W 19EAE 01	QU,TO	217.1	-28	-22.3	0.0	-.6	-1.1	286	255	-11
32S 33W 04BAA 01		193.2	-26		-.2	-.6				
32S 33W 32DBC 01		151.7								
32S 34W 10DAA 01	QU,TO	220.6	-16	-17.1	.3	-.3	-.9	265	249	-6
32S 34W 17DCC 01		251.6	-39	-28.8	-.4	-.8	-1.4	280	241	-14
32S 34W 32BBB 01	QU,TO	174.9	-16	-20.6	-.1	-.3	-1.0	332	316	-5
33S 31W 28DDS 01		188.5	2		-1.7			360	362	1
33S 32W 28CDD 02	QU,TO	58.7	1		0.0			339	340	
33S 33W 12AAD 01	QU,TO	9.4	-4	-3.7	-.3	-.1	-.2	311	307	-1
33S 33W 20BCC 01		194.3	-18		1.6	-.4				
33S 33W 25DCC 01		198.3	-1		.3					
33S 34W 17DCC 01		114.4	9			.2				
34S 31W 30BBB 01		210.2	-2		.9			463	461	
34S 32W 29BAA 01		168.8	6		6.9	.1		350	356	2
34S 32W 35ADA 01	QU,TO	190.3	-1		1.6					
34S 33W 04BCD 01		194.2	-29		-1.0					
34S 33W 07CCB 01		137.1	3	-10.3	-1.1	.1	-.5	435	439	1
34S 34W 16DAA 01	QU,TO	125.6	-12	-31.0	.1	-.3	-1.6	559	547	-2
34S 34W 26BCA 01										
35S 31W 10AAC 01		193.5			.5					
35S 31W 12BBA 01	QU,TO	179.7	7	2.3	.3	.2	.1	310	317	2
35S 32W 06CBB 01		159.9	-10		-.7	-.2		390	380	-3
35S 33W 16BCA 01	QU,TO	128.9	-3	-25.2		-.1	-1.3	532	529	-1
35S 34W 03CBC 01		101.9	-7		2.4	-.2		565	558	-1
35S 34W 10BBB 01	QU,TO	78.5	12	1.9	-1.1	.3	.1	557	569	2



WATER–LEVEL CHANGE IN SEWARD COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, SHERIDAN COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1965 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
06S 26W 26CBB 01		2636.									166.7	166.4
06S 27W 05CBB 01		2684.									112.8	112.1
06S 27W 08DCA 01	QA/TC	2588.	108	21	14.6	19.3	20.8	20.2	19.8		20.8	21.1
06S 27W 19DAB 01	QA/TC	2610.	60	30	26.6	32.9	30.8	32.4	36.6		38.4	37.2
06S 27W 27BCC 01	TO	2716.	320	162	154.4	159.4	159.4	164.8		160.1	162.5	162.9
06S 29W 10DBC 01	TO	2823.	205	116	118.6	128.9	131.1		131.4		130.9	129.6
06S 29W 24ABB 01	TO	2781.	205	91	96.2	101.6	102.3	105.5	103.6	103.1	104.3	104.5
06S 29W 33CDA 01	TO	2828.	207	94	93.3	103.0	104.5	105.6	106.4		107.6	117.2
06S 30W 13BAA 01	TO	2875.	216	115		125.2	126.7	127.4	127.8	129.8	131.1	132.6
06S 30W 14CCD 01	TO	2884.	203	95	102.8	107.9	109.2	108.9	110.1	110.0	111.5	110.8
07S 26W 06AAB 01	TO	2634.	204	125	125.9	129.2	129.8	131.1			131.2	131.5
07S 26W 12BAC 01	TO	2559.	170	94	91.9	97.3	98.4	99.9	100.1	101.4	105.0	99.2
07S 26W 19BBC 01	TO	2625.	201	115		122.2	123.3	124.5	124.6	124.8	124.7	124.0
07S 26W 28CAB 01	TO	2634.	243	142	148.4	153.1	154.5	154.2	154.4		157.5	161.7
07S 27W 22DAC 01		2644.									113.9	118.9
07S 28W 08BDC 01	TO	2808.	282	140		158.1	160.6		163.7		165.4	166.1
07S 28W 21ABB 01	TO	2774.	235	129	131.0	154.2	156.0	159.4	160.2	158.8	160.2	173.3
07S 28W 36ABA 01	TO	2725.	233	123	127.5	140.4	139.3		149.0	141.6	149.3	151.0
07S 29W 05BBB 01		2841.									103.3	104.2
07S 29W 27CCC 01	TO	2869.	265	131		172.9	177.1	179.7	175.1	179.7	177.9	195.7
07S 29W 30ABA 01	TO	2886.	255	113	121.8	149.6	151.9	153.1	154.1	158.3	155.5	160.7
07S 30W 08CBB 01		2919.									104.6	99.2
08S 26W 14DAA 01	QA	2398.	66	13	19.5	14.9	16.4	17.0	16.9	19.0	15.8	13.9
08S 27W 11DCD 01	QA	2504.	60	13	8.5	10.3	10.4	10.4	10.4	11.1	10.3	10.3
08S 27W 35CBB 01											127.7	128.1
08S 28W 09ABC 01	TO	2766.	233	119	117.7	135.0	136.0	139.8	139.4	139.2		143.3
08S 28W 11DAA 01		2692.									97.9	98.0
08S 29W 01DCB 01	TO	2823.	240	125	122.6	145.3	145.3	143.5	144.3	146.2		154.5
08S 30W 11CBC 01	TO	2941.	277	123	133.5	175.0	177.0	180.3	182.1	179.4	181.2	182.8
08S 30W 13DAA 01	TO	2891.	257	103	109.7	136.7	138.9	142.0	141.5	144.1	145.3	144.7
08S 30W 30ABC 01	TO	2962.	234	107	105.8	124.5	127.8	128.8	129.1		129.9	131.6
09S 26W 22BBB 01		2669.									140.3	141.5
09S 27W 12CCC 01	TO	2678.	198	104	106.5	107.6	110.3	109.2	111.0		109.2	113.0
09S 27W 19DDD 01	TO	2750.	205	124	123.6	128.6	128.5	128.8	126.8	133.2	130.3	131.6
09S 27W 27DAA 01		2705.									110.3	111.6
09S 28W 04BCC 01	TO/QA	2677.	96	18	25.7	27.0	27.0	27.3	27.2		27.0	27.1
09S 29W 03AAA 01		2819.									104.2	103.4
09S 29W 17BAB 01	TO	2754.	196	84	84.2	98.5	99.4	102.9	102.6	104.6	106.5	106.5
09S 29W 26BAA 01	TO	2863.	210	123	132.0	136.9	136.4	134.6		141.9	138.5	141.9
09S 30W 03AAB 02	TO	2933.	217	118	119.2	139.1	143.0	142.0	141.7	143.5	145.9	144.7

TABLE 1.-- SELECTED HYDROLOGIC DATA, SHERIDAN COUNTY -- CONTINUED

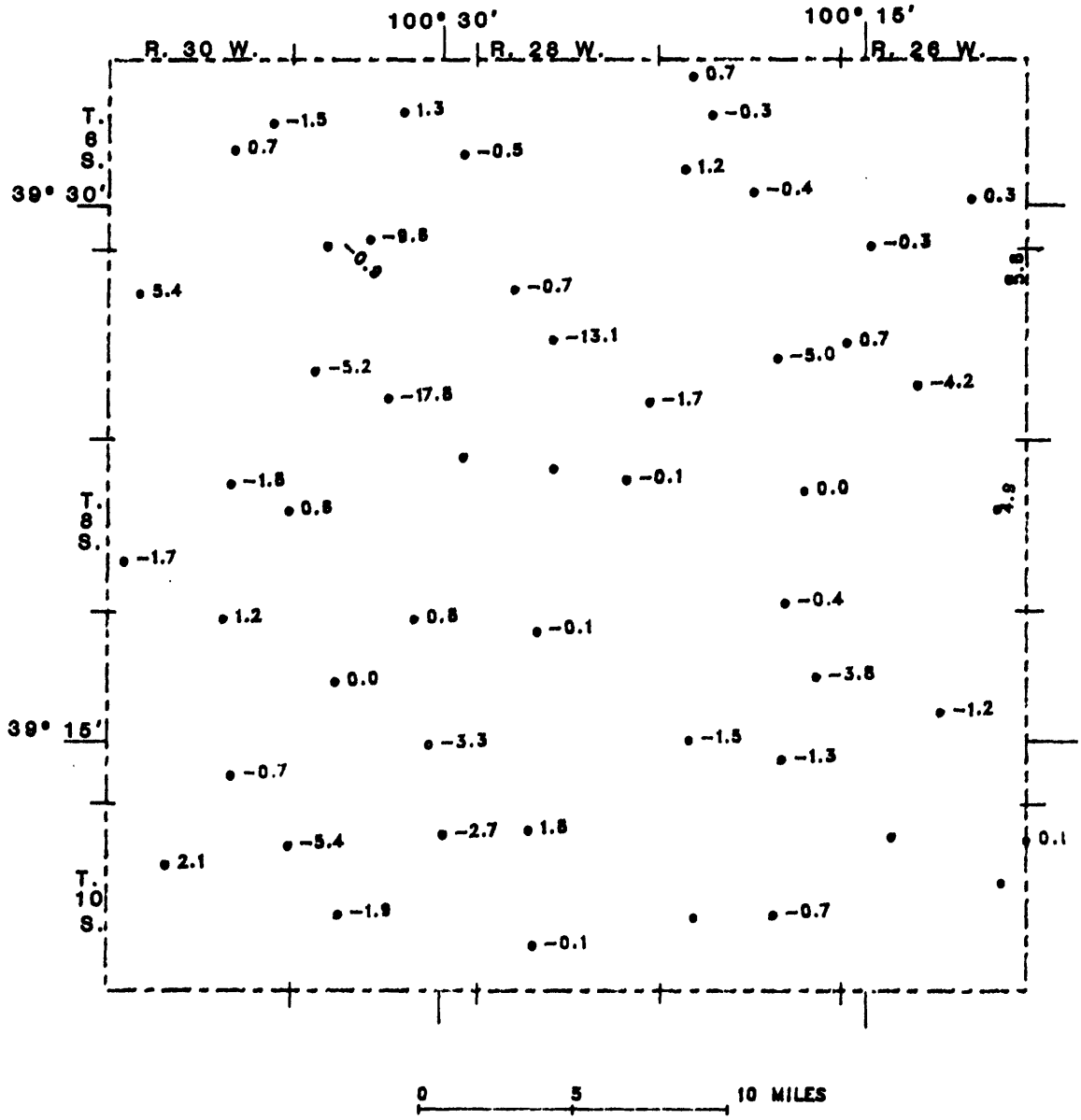
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
09S 30W 35B3B 01	TO	2943.	215	130	129.3	142.2		154.0	146.4	147.5	146.3	147.0
10S 24W 09B4A 01		3590.										24.0
10S 26W 12AAD 01		2534.									27.9	27.8
10S 26W 13CBB 01		2570.									58.2	
10S 27W 20CBC 01	QA	2605.	50	12	13.9	20.1			18.4			19.2
10S 27W 22D3A 01	QA	2568.	65	10	15.5	19.5	19.9	19.2	19.1	23.1	20.0	20.7
10S 28W 05DDB 01	TO	2789.	173	98	95.2	104.3		112.1	106.2	108.3	108.5	106.7
10S 28W 29DAA 01	QA,TC	2691.	62	22	25.4	27.1	28.9	31.6	25.8	30.2	27.0	27.1
10S 29W 02DDD 01		2803.									90.7	93.4
10S 29W 20CAA 01											28.9	30.7
10S 30W 08DDD 01	TO	2930.	186	96	93.0	101.4	104.9	104.2	102.7	100.9	100.0	97.9
10S 31W 12ADA 01	TO	2874.	187	99	97.7	100.6		100.6	96.3	99.8	101.5	106.9

TABLE 1.-- SELECTED HYDROLOGIC DATA, SHERIDAN COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
06S 26W 26CBE 01		166.4			0.3					
06S 27W 05CBB 01		112.1			.7					
06S 27W 08DCA 01	QA,TO	21.1		-6.5	-.3		-0.3	87	87	
06S 27W 19DAB 01	QA,TO	37.2	-7	-10.6	1.2	-0.2	-.5	30	23	-23
06S 27W 27BCC 01	TO	162.9	-1	-9.5	-.4		-.4	158	157	-1
06S 29W 10DBC 01	TO	129.6	-14	-10.9	1.3	-.4	-.5	89	75	-16
06S 29W 24AEB 01	TO	104.8	-14	-8.6	-.3	-.4	-.4	114	100	-12
06S 29W 33CDA 01	TO	117.2	-23	-23.9	-9.6	-.6	-1.2	113	90	-20
06S 30W 13BAA 01	TO	132.6	-18		-1.5	-.5		101	83	-18
06S 30W 14CCD 01	TO	110.8	-16	-7.9	.7	-.4	-.4	108	92	-15
07S 26W 06AAB 01	TO	131.5	-7	-5.6	-.3	-.2	-.3	79	73	-8
07S 26W 12BAC 01	TO	99.2	-5	-7.2	5.8	-.1	-.4	78	71	-7
07S 26W 19BBC 01	TO	124.0	-9		.7	-.3		86	77	-10
07S 26W 28CAB 01	TO	161.7	-20	-13.2	-4.2	-.6	-.7	101	81	-20
07S 27W 22DAC 01		118.9			-5.0					
07S 28W 08BDC 01	TO	166.1	-26		-.7	-.7		142	116	-18
07S 28W 21ABB 01	TO	173.3	-44	-42.3	-13.1	-1.2	-2.1	106	62	-42
07S 28W 36ABA 01	TO	151.0	-26	-23.5	-1.7	-.8	-1.2	110	82	-25
07S 29W 05BBB 01		104.2			-.9					
07S 29W 27CCC 01	TO	195.7	-65		-17.8	-1.8		134	69	-49
07S 29W 30ABA 01	TO	160.7	-48	-38.9	-5.2	-1.3	-1.9	142	94	-34
07S 30W 08CBB 01		99.2			5.4					
08S 26W 14DAA 01	QA	13.9	-1	5.6	4.9		.3	53	52	-2
08S 27W 11DCD 01	QA	10.3	3	-1.7	0.0	.1	-.1	47	50	6
08S 27W 35CBB 01		128.1			-.4					
08S 28W 09ABC 01	TO	143.3	-24	-25.6		-.7	-1.3	114	90	-21
08S 28W 11DAA 01		98.0			-.1					
08S 29W 01DCB 01	TO	154.5	-30	-31.9		-.8	-1.6	115	86	-25
08S 30W 11CBC 01	TO	182.8	-60	-49.3	-1.6	-1.7	-2.5	154	94	-39
08S 30W 13DAA 01	TO	144.7	-42	-34.9	.6	-1.2	-1.7	154	112	-27
08S 30W 30ABC 01	TO	131.6	-25	-25.7	-1.7	-.7	-1.3	127	102	-20
09S 26W 22BBB 01		141.5			-1.2					
09S 27W 12CCC 01	TO	113.0	-9	-6.5	-3.9	-.3	-.3	94	85	-10
09S 27W 19DDD 01	TO	131.5	-8	-8.2	-1.5	-.2	-.4	81	73	-10
09S 27W 27DAA 01		111.6			-1.3					
09S 28W 04BCC 01	TO,QA	27.1	-3	-1.4	-.1	-.3	-.1	80	71	-11
09S 29W 03AAA 01		103.4			.9					
09S 29W 17BAE 01	TO	104.5	-22	-22.3	0.0	-.6	-1.1	112	90	-20
09S 29W 26BAA 01	TO	141.6	-19	-9.9	-3.3	-.5	-.5	87	68	-22
09S 30W 03AAE 02	TO	144.7	-27	-25.4	1.2	-.8	-1.3	99	72	-27

TABLE 1.-- SELECTED HYDROLOGIC DATA, SHERIDAN COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
09S 30W 35B6B 01	TO	147.0	-27	-17.7	-0.7	-0.8	-0.9	95	68	-28
10S 26W 09B4A 01		24.0								
10S 26W 12A4D 01		27.8			.1					
10S 26W 13CBB 01										
10S 27W 20CBC 01	JA	18.2	-6	-4.3		-.2	-.2	38	32	-16
10S 27W 22DB4 01	QA	20.7	-11	-2.1	-.7	-.3	-.1	55	44	-20
10S 28W 05DDB 01	TO	106.7	-8	-11.5	1.8	-.2	-.6	74	66	-11
10S 28W 29DAA 01	QA,TO	27.1	-5	-1.7	-.1	-.1	-.1	40	35	-13
10S 29W 02DDD 01		93.4			-2.7					
10S 29W 20CAA 01		30.7			-1.9					
10S 30W 05DDD 01	TO	97.9	-2	-4.9	2.1	-.1	-.2	90	88	-2
10S 30W 12ADA 01	TO	106.9	-18	-19.2	-5.4	-.5	-1.0	98	80	-19



WATER–LEVEL CHANGE IN SHERIDAN COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, SHERMAN 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
06S 37W 07BBA 01	QA	3304.	134	5	6.1	9.6	9.5	9.2			8.6	7.3
06S 37W 16CDD 01	TO	3460.	264	157	163.8	171.7	172.9	172.5		180.3	171.5	171.5
06S 37W 19A3A 01	TO	3476.	309	150	155.4	162.9	160.9	161.2	159.3	160.8	159.3	160.0
06S 38W 09ABD 01	TO	3510.	318	147	151.3	169.2	164.3	163.6		162.3	162.2	
06S 39W 09DDD 01	TO	3585.	330	145	142.7	147.0	147.5	147.9	148.3	149.6	148.0	149.2
06S 40W 10AAC 01	TO	3641.	341	151	151.2		160.4	161.3	161.4		161.1	161.5
06S 40W 17CBC 01		3624.									147.7	147.0
06S 40W 30DCC 01	TO	3718.	326	159	153.6	163.4	164.8	167.6	164.6	167.0	167.6	168.3
06S 41W 01ABE 01	TO	3675.	296	150	156.6	164.0	157.9	158.9	159.2		159.6	165.9
06S 41W 19DBD 01	TO	3792.	325	162	169.5	188.0	180.3	181.1	181.7	182.3	182.6	183.9
06S 41W 27DBD 01	TO	3741.	325	141	142.1	160.2	162.1	163.7	162.5	163.0	164.1	164.5
06S 42W 02AAA 01	TO	3777.	277	179	181.7	193.3	197.6	196.7	195.4	196.3	196.9	199.1
06S 42W 08CBB 01	TO	3841.	304	193	201.3	210.5	208.9	215.2	209.8	212.2		210.8
06S 42W 22DCC 01	TO	3837.	315	177	183.1	192.8	192.8	193.9	193.9	193.8	194.1	194.7
06S 42W 30ADA 01	TO	3871.	309	176	183.6	200.4	199.7	201.9	201.5	201.9	202.2	202.2
07S 37W 04BBC 01	TO	3455.	270	122		137.7	137.8	137.8	137.1	136.9	139.5	136.7
07S 37W 05CCB 01	TO	3472.	294	124	129.9	137.1	138.2	138.0	137.3	137.5	137.8	139.0
07S 38W 28DAA 01		3545.									145.4	147.4
07S 39W 01DCD 01		3563.									133.8	134.2
07S 39W 09BBB 01	TO	3589.	295	106	104.8	114.7	115.0	116.3	114.6	116.1	116.7	116.5
07S 39W 24BAA 01	TO	3587.	300	137	133.9	147.2	146.4	153.1	146.9			
07S 40W 06ADB 01	TO	3722.	343	152	149.4	164.3	166.1	167.4	166.6	167.2	167.3	168.6
07S 40W 29B9A 01	TO	3709.	298	121	121.5		138.3	139.2			139.9	140.9
07S 40W 35BBB 01	TO	3650.	255	102	103.0	125.5	125.7	128.4	126.3	125.6	124.8	125.8
07S 40W 36BAB 01	TO	3643.	321	105	109.9	132.1	132.5	135.1	132.6	133.6	133.7	133.3
07S 41W 07BC6 01	TO	3840.	300	180	174.4	193.8	194.7	195.3		195.4		198.1
07S 41W 28DB9 01	TO	3774.	280	111	111.4	125.1	126.3	126.9	126.4	126.6	127.3	128.2
07S 42W 07DAA 01	TO	3903.	320	163	164.4	197.3	199.6	197.0	192.8			195.5
07S 42W 17CCC 01	TO	3864.	263	119	117.9	136.5	137.1	136.1	139.3	140.2		141.2
07S 42W 27AAB 01	TO	3862.	321	142	140.6	163.5	162.7	164.1	164.5	165.1	164.5	165.3
08S 37W 03ADB 01	TO	3476.	273	126	143.5	154.0	157.6	154.5	153.7		155.3	156.1
08S 37W 21CCC 01	TO	3496.	230	120	121.1	140.2	140.7	140.9	139.1	138.7	140.4	140.1
08S 37W 32ABB 01	TO	3468.	216	83	80.0	96.5	97.1	97.0	95.9	95.7		94.9
08S 38W 17CDD 01	TO	3603.	293	143	142.0	155.6	162.2	161.8	161.0	162.2	161.2	161.2
08S 38W 24AAB 01	TO	3513.	260	110	111.0	117.5	123.2	120.2		117.9	119.9	120.7
08S 39W 15CCC 01	TO	3642.	272	127	135.0	161.1		163.3	163.6	163.5	163.9	163.5
08S 40W 12DBA 01	TO	3670.	290	120	133.0	166.0	169.2	168.1	166.0	165.9	165.6	166.1
08S 40W 17CDA 01	TO	3727.	277	102	104.0	131.3	131.7	132.5	132.5	132.7	133.1	133.1
08S 40W 20CCC 01	TO	3716.	277	80	80.0	113.2	114.6	115.4	113.7	113.6	114.3	111.9
08S 40W 25AAC 01	TO	3701.	290	133	153.0	182.3	182.5	183.4	182.6	182.1	182.3	181.5

TABLE 1.-- SELECTED HYDROLOGIC DATA, SHERMAN COUNTY -- CONTINUED

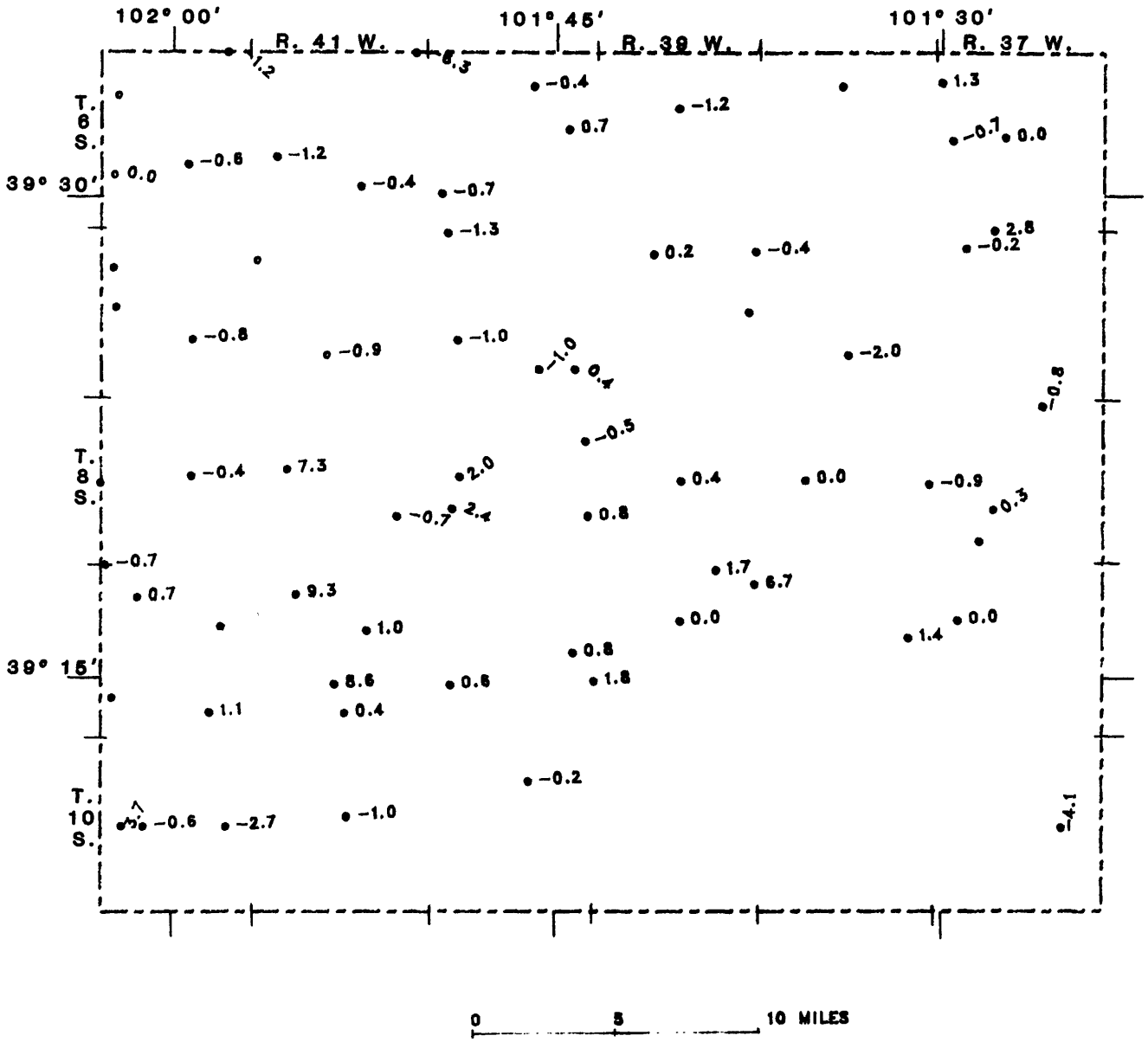
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
08S 41W 17CBA 01	TO	3843.	300	129	129.0	140.8	143.1	145.1	145.7	147.4	153.6	146.3
08S 41W 25BBC 01	TO	3754.	264	94	96.0	114.0	115.1	116.7	117.2	116.1	118.6	119.3
08S 42W 15DDB 01	TO	3859.	274	98	99.0	120.5	122.1	125.0	125.8	124.0	125.5	125.9
08S 42W 19ABB 01	TO	3929.	310	124	130.0	168.6	171.2	169.8	165.9			
08S 42W 31DCD 01	TO	3872.	207	50	58.0	76.1	76.7	77.7	79.0	79.1	79.9	80.6
09S 37W 07DDB 01		3496.									92.8	92.9
09S 38W 13BCC 01	TO	3510.				78.2					80.4	79.0
09S 39W 01DBA 01		3619.									163.4	156.7
09S 39W 02BAB 01	TO	3646.	246	133		169.3	168.2	170.6	170.0	169.2	170.1	168.4
09S 39W 10CCB 01		3661.									144.4	144.4
09S 39W 19CCC 01	TO	3695.	245	105		148.3		144.9	131.4	134.5	135.8	134.0
09S 40W 13CDC 01	TO	3722.	260	123	125.0	158.6	161.0	157.5	157.7	158.6	159.5	159.7
09S 40W 29BBB 01	TO	3782.	246	122	119.0	157.2	156.4	158.5	156.6	158.0	159.4	158.9
09S 41W 05DCC 01	TO	3860.	265	125	136.0	169.1	166.1	166.8	166.7	167.1	177.0	167.7
09S 41W 14BBC 01		3835.		129		171.4	172.0	173.7	174.2	175.9	176.2	175.2
09S 41W 24AAA 01	TO	3854.	290	124	134.0		182.7	175.7			181.4	172.8
09S 41W 34BAB 01	TO	3841.	290	111	114.0	149.2	152.5	155.3	147.4	150.1	148.7	148.3
09S 42W 08AAA 01	TO	3943.	271	120	131.0	155.2	155.4	155.9	156.5	156.8	157.3	156.6
09S 42W 14AAA 01	TO	3901.	291	116	131.0	166.1	166.5	168.5	167.5			164.4
09S 42W 29CBB 01												139.6
09S 42W 35ABB 01	TO	3916.	268	102	103.0	141.0	139.5	142.5	142.5	143.0	143.0	141.9
10S 37W 23ABB 01	TO	3421.	289	171	174.0	194.2	192.8	191.8	196.4	191.7	189.6	193.7
10S 40W 10ADC 01	QA,TC	3624.	68	12	16.0	16.3	16.6	17.1	16.5	17.8	17.9	18.1
10S 41W 15CAD 01	TO,QA	3762.	117	12	12.0	20.1	20.9	21.1	22.1		23.4	24.4
10S 42W 20AEE 01		3968.									117.2	113.5
10S 42W 21BBB 01	TO	3963.	223	73	86.0	105.2	106.3	107.6	108.3	109.1	109.0	109.6
10S 42W 24BAB 01	TO	3903.	204	73	84.0	97.9	98.4	99.7	99.2	100.2	99.2	100.9

TABLE 1.-- SELECTED HYDROLOGIC DATA, SHERMAN COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
06S 37W 07BBA 01	QA	7.3	-2	-1.1	1.3	-0.1	-0.1	129	127	-2
06S 37W 16CDD 01	TO	171.5	-15	-7.7	0.0	-.4	-.4	107	93	-13
06S 37W 19ABB 01	TO	160.0	-10	-4.6	-.7	-.3	-.2	159	149	-6
06S 38W 09ABD 01	TO									
06S 39W 09DDD 01	TO	149.2	-4	-6.5	-1.2	-.1	-.3	185	181	-2
06S 40W 10AAC 01	TO	161.5	-11	-10.3	-.4	-.3	-.5	190	180	-5
06S 40W 13CBC 01		147.0			.7					
06S 40W 30DCC 01	TO	168.3	-9	-14.7	-.7	-.3	-.7	167	158	-5
06S 41W 01ABB 01	TO	165.9	-16	-9.3	-6.3	-.4	-.5	146	130	-11
06S 41W 19DBD 01	TO	183.8	-22	-14.2	-1.2	-.6	-.7	163	141	-13
06S 41W 27DBD 01	TO	164.5	-24	-22.4	-.4	-.7	-1.1	184	161	-13
06S 42W 02AAA 01	TO	198.1	-19	-16.4	-1.2	-.5	-.8	98	79	-19
06S 42W 08CBB 01	TO	210.8	-28	-9.5		-.8	-.5	121	93	-23
06S 42W 22DCC 01	TO	194.7	-18	-11.5	-.6	-.5	-.6	138	120	-13
06S 42W 30ADA 01	TO	202.2	-26	-18.6	0.0	-.7	-.9	133	107	-20
07S 37W 04BEC 01	TO	136.7	-15		2.8	-.4		148	133	-10
07S 37W 05CCB 01	TO	138.0	-14	-8.1	-.2	-.4	-.4	170	156	-8
07S 38W 29DAA 01		147.4			-2.0					
07S 39W 01DCD 01		134.2			-.4					
07S 39W 09BBB 01	TO	116.5	-11	-11.7	.2	-.3	-.6	189	179	-5
07S 39W 24EAA 01	TO									
07S 40W 06ADB 01	TO	168.6	-17	-19.2	-1.3	-.5	-1.0	191	174	-9
07S 40W 29BBA 01	TO	140.9	-20	-19.4	-1.0	-.6	-1.0	167	147	-12
07S 40W 35BBB 01	TO	125.8	-24	-22.8	-1.0	-.7	-1.1	153	129	-16
07S 40W 36BAB 01	TO	133.3	-28	-23.4	.4	-.8	-1.2	216	188	-13
07S 41W 07BCB 01	TO	198.1	-18	-23.6		-.5	-1.2	120	102	-15
07S 41W 28DBB 01	TO	128.2	-17	-16.7	-.9	-.5	-.8	169	152	-10
07S 42W 07DAA 01	TO	195.5	-33	-31.1		-.9	-1.6	157	125	-20
07S 42W 17CCC 01	TO	141.2	-22	-23.2		-.6	-1.2	144	122	-15
07S 42W 27AAB 01	TO	165.3	-23	-24.7	-.8	-.6	-1.2	179	156	-13
08S 37W 03ADB 01	TO	156.1	-30	-12.5	-.8	-.8	-.6	147	117	-20
08S 37W 21CCC 01	TO	140.1	-20	-18.9	.3	-.6	-.9	110	90	-18
08S 37W 32ABB 01	TO	94.9	-12	-14.9		-.3	-.7	133	121	-9
08S 38W 17CDD 01	TO	161.2	-18	-19.2	0.0	-.5	-1.0	150	132	-12
08S 38W 24AAB 01	TO	120.7	-11	-9.7	-.9	-.3	-.5	150	139	-7
08S 39W 15CCC 01	TO	163.5	-37	-28.5	.4	-1.0	-1.4	145	109	-25
08S 40W 12DBA 01	TO	166.1	-46	-33.1	-.5	-1.3	-1.7	170	124	-27
08S 40W 17CDB 01	TO	133.1	-31	-25.1	2.0	-.9	-1.3	175	144	-18
08S 40W 20CCC 01	TO	111.9	-32	-31.9	2.4	-.9	-1.6	197	165	-16
08S 40W 25AAC 01	TO	181.5	-40	-33.5	.8	-1.4	-1.2	157	109	-31

TABLE 1.-- SELECTED HYDROLOGIC DATA, SHERMAN COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
08S 41W 17C8A 01	TO	146.3	-17	-17.3	7.3	-0.5	-0.9	171	154	-10
08S 41W 25B8C 01	TO	119.3	-25	-23.3	-.7	-.7	-1.2	170	145	-15
08S 42W 15DD8 01	TO	125.9	-28	-26.9	-.4	-.8	-1.3	176	148	-16
08S 42W 19A8B 01	TO									
08S 42W 31DCC 01	TO	80.6	-31	-22.6	-.7	-.9	-1.1	157	126	-20
09S 37W 07D0B 01		92.8			0.0					
09S 38W 13BCC 01	TO	79.0			1.4					
09S 39W 01DBA 01		156.7			6.7					
09S 39W 02BAB 01	TO	168.4	-35		1.7	-1.0		113	78	-31
09S 39W 10CC8 01		144.4			0.0					
09S 39W 19CCC 01	TO	134.0	-29		1.8	-.8		140	111	-21
09S 40W 13CDC 01	TO	158.7	-36	-33.7	.8	-1.0	-1.7	137	101	-26
09S 40W 29B8B 01	TO	158.8	-37	-39.8	.6	-1.0	-2.0	124	87	-30
09S 41W 05DCC 01	TO	167.7	-40	-31.7	9.3	-1.1	-1.6	137	97	-29
09S 41W 14B8C 01		175.2	-46		1.0	-1.3				
09S 41W 23AAA 01	TO	172.8	-49	-38.8	9.6	-1.4	-1.9	166	117	-30
09S 41W 34BAB 01	TO	148.3	-37	-34.3	.4	-1.0	-1.7	179	142	-21
09S 42W 06AAA 01	TO	156.6	-37	-25.6	.7	-1.0	-1.3	151	114	-25
09S 42W 14AAA 01	TO	164.4	-48	-33.4		-1.3	-1.7	175	127	-27
09S 42W 29C88 01		139.6								
09S 42W 35A9B 01	TO	141.9	-40	-38.9	1.1	-1.1	-1.9	166	126	-24
10S 37W 23ABB 01	TO	193.7	-23	-19.7	-4.1	-.6	-1.0	118	95	-19
10S 40W 10ADC 01	QA,TO	18.1	-6	-2.1	-.2	-.2	-.1	56	50	-11
10S 41W 15CAD 01	TO,QA	24.4	-12	-12.4	-1.0	-.3	-.6	105	93	-11
10S 42W 20ABB 01		113.5			3.7					
10S 42W 21BBB 01	TO	109.6	-37	-23.6	-.6	-1.0	-1.2	150	113	-25
10S 42W 24BAB 01	TO	100.9	-28	-16.9	-2.7	-.8	-.8	131	103	-21



WATER–LEVEL CHANGE IN SHERMAN COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, STAFFORD 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
21S 11W 07BB- 01		1908.	193	20	.						22.9	
21S 12W 10CDC 01	QU	1945.	200	24	4.9	23.7	24.8	27.1	25.5	27.3	29.0	25.1
21S 13W 27DDD 02	QU	1877.	152	11	.6	8.5	9.6	9.7	10.2	10.8	11.1	9.0
21S 14W 22AAC 01	QU	1926.	196	16	4.8	17.6	19.0	18.8	20.1	21.0	22.7	22.3
21S 14W 32B4C 01	QU	1949.	219	22	16.2	24.3	25.8	26.4	27.6	28.5	29.9	30.1
22S 11W 07BB3 01	QU	1785.	54	10	3.3	4.8	5.4	4.9	4.7	4.8	4.9	4.5
22S 12W 05BED 01	QU	1870.	220	21	8.9	18.6	21.3	20.3	20.4	20.2	21.1	18.1
22S 12W 30B8D 01	QU	1872.	162	13	7.0	16.0	16.5	16.2	17.0	17.4	17.7	15.7
22S 12W 36B5E 02	QU	1927.	146		.7	4.1	5.4	3.8	4.4	5.0	4.6	3.0
22S 13W 05CBC 01	QU	1905.	165	6	3.1	15.0	16.2	15.7	17.0	17.7	18.9	17.1
22S 13W 12CAC 01	QU	1985.	180	20	8.6	19.6	20.1	20.2	21.0	21.1	22.3	19.5
22S 13W 29DAD 01	QU	1902.	204	17	5.2	14.6	16.3	16.4	17.3	17.8	19.2	17.6
22S 14W 14CCA 01	QU	1930.	200	12	.3	17.5	19.2	19.3	20.9	21.8	23.9	21.3
22S 14W 35DDA 01	QU	1930.	130	20	11.1	24.6	26.3	27.2	27.9	28.4	29.8	27.9
23S 11W 02BBB 01	QU	1789.	125		1.0	1.1	3.7	1.5	1.9	3.1	2.9	1.3
23S 11W 22BCC 01	QU	1802.	172	5	17.4	22.2	23.1	21.8	22.2	22.8	23.0	21.4
23S 12W 07DBD 01	QU	1859.	174	1	.5	8.4	9.2	8.4	5.5	8.8	8.9	7.4
23S 12W 22BCC 01	QU	1853.	163	4	5.4	14.7	14.9	13.8	15.0	15.2	14.9	12.1
23S 12W 36B8C 01	QU	1849.	154	8	11.7	17.2	17.9	17.0	17.9	18.3	17.9	14.6
23S 13W 05CCB 01	QU	1895.	120	8	4.4		11.8	11.5	12.5	13.0	13.6	12.2
23S 13W 30C9B 01	QU	1906.	86	11	7.9	11.6	12.3	12.2	12.8	13.2	13.4	12.5
23S 13W 35CCA 01	QU	1897.	150	19	7.3	17.5	18.7	18.6	19.9	20.2	20.6	19.3
23S 14W 15ADD 01	QU	1927.	76	7	3.3	7.8	9.0	8.8	10.2	10.5	10.6	10.3
23S 14W 30B3E 01	QU	1988.	168	24	34.4	36.2	38.3	38.8	40.4		42.1	42.0
24S 11W 14CAB 01	QU	1813.	156	24	30.0	31.0	30.8	31.7	32.9	33.5	34.2	33.8
24S 11W 17DDF 01	QU	1833.	133	23	22.8	23.0	23.0	23.1	24.1	24.3	24.5	23.6
24S 12W 17CAB 01	QU	1897.	144	22	16.8	26.6	27.5	26.8	28.5	28.4	27.6	24.6
24S 12W 34ABC 01	QU	1880.	150	29	20.0	22.7	22.7	22.9	23.9	23.7	23.6	22.0
24S 13W 16ACA 01	QU	1915.	137	18	8.6	18.6	20.1	20.5	21.6	21.6	21.9	20.6
24S 13W 30BCB 01	QU	1936.	141	7	7.6		14.1	15.5	15.7	15.7	15.1	
24S 13W 36DDD 01		1907.	155	21			21.9	21.7	23.2	22.7	22.1	19.2
24S 14W 17AAC 01	QU	1982.	132	27	21.7	28.3	28.9	29.4	30.6	30.5	33.2	30.8
24S 14W 31B5D 01	QU	1998.	158	23	7.8	19.6	20.2	20.6	21.8	20.5	21.2	20.1
24S 15W 10BAB 01	QU	2024.	114	24	14.6	23.4	24.6	24.1	27.6	27.2	28.9	29.0
24S 15W 32D8C 01	QU	2044.	194	21	9.9	21.2	22.1	23.4	25.2	25.0	26.7	27.0
25S 11W 02ACB 01	QU	1770.	90	10	10.3	10.6	11.4	11.4	11.8	11.8	11.7	11.4
25S 11W 23DDD 01	QU	1796.	156	13	12.9	14.8	15.1	16.5	16.7	17.0	16.8	15.6
25S 12W 11AAA 01		1846.	91	16							17.0	13.0
25S 12W 24DDB 01	QU	1940.	145	17	10.2	12.4	13.3	13.4	13.8	13.7	13.6	12.3
25S 13W 16AAC 01		1940.	142	22			28.2	28.1	28.8	27.2	27.9	23.2

TABLE 1.-- SELECTED HYDROLOGIC DATA, STAFFORD COUNTY -- CONTINUED

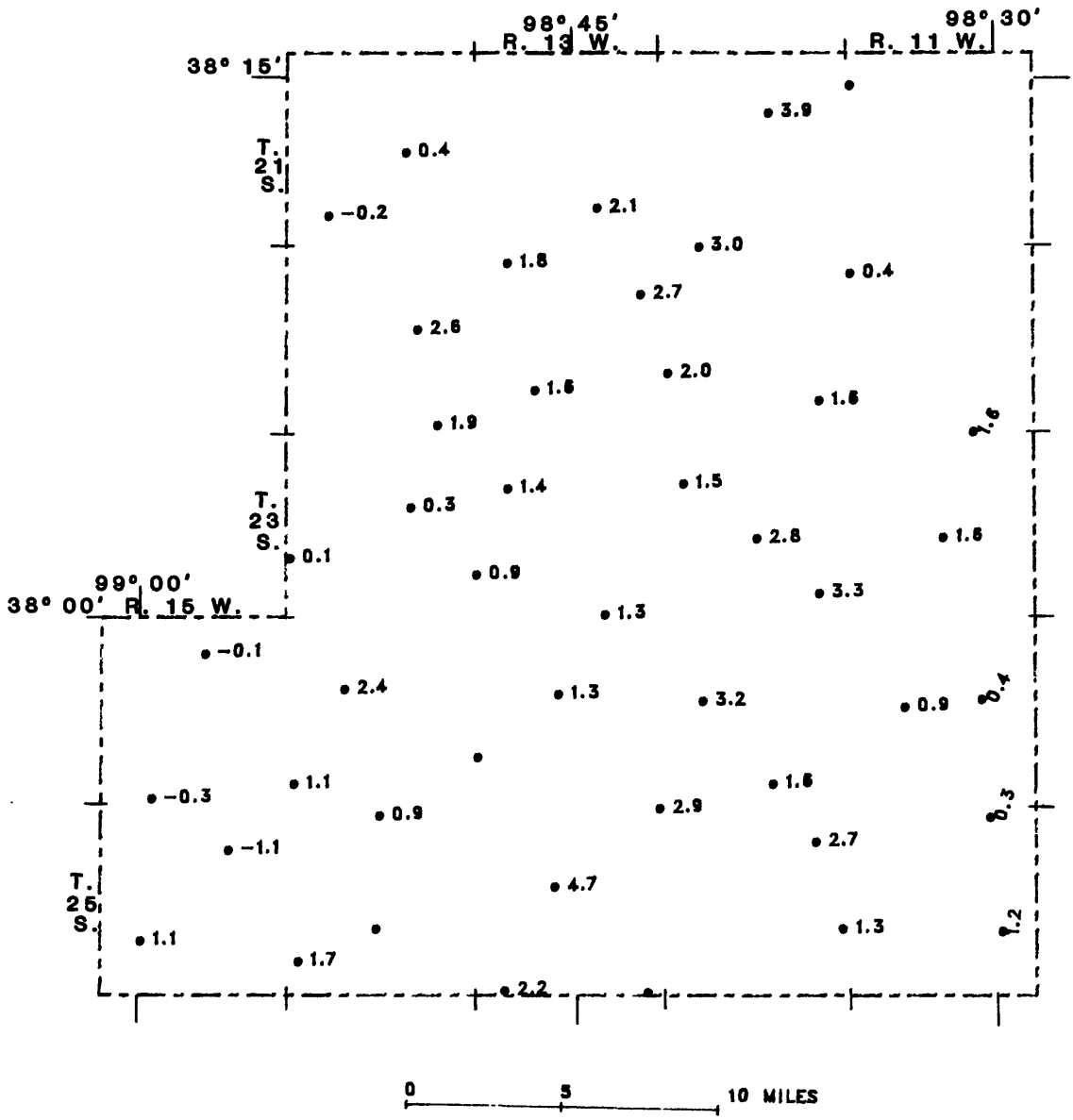
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
25S 13W 31DDA 01		1973.	221	38							21.1	18.9
25S 13W 36DCC 01		1902.	177	22							14.7	
25S 14W 04AAD 01	QU	1969.	149	24	9.2	13.7	14.1	13.5	14.4	14.0	14.4	13.5
25S 14W 21DDB 01		1980.										12.3
25S 14W 30CDB 01	QU	2004.	214	14	7.2		14.9	15.3	16.0	15.7	17.0	15.3
25S 15W 11BCB 01	QU	2020.	174	16	11.7	13.7	13.2	14.5	16.0	17.4	18.6	19.7
25S 15W 24BBB 01	QU	2034.	164	16	4.3	9.7	10.7	10.7	11.9	11.9	12.3	11.2

TABLE 1.-- SELECTED HYDROLOGIC DATA, STAFFORD COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
21S 11W 07ccB 01										
21S 12W 10CDD 01	QU	25.1	-1	-20.2	3.9		-1.7	176	175	-1
21S 13W 27DDD 02	QU	9.0	2	-6.4	2.1		-.7	141	143	1
21S 14W 22AAC 01	QU	22.3	-6	-17.5	.4	-0.1	-1.5	180	174	-3
21S 14W 32BAC 01	QU	30.1	-9	-13.9	-.2	-.2	-1.2	197	189	-4
22S 11W 07BEE 01	QU	4.5	6	-1.2	.4	.1	-.1	44	50	14
22S 12W 05BBD 01	QU	18.1	3	-9.2	3.0	.1	-.8	199	202	2
22S 12W 30BBD 01	QU	15.7	-3	-8.7	2.0	-.1	-.7	149	146	-2
22S 12W 36BBB 02	QU	3.0		-2.3	1.6		-.2		143	
22S 13W 05CBC 01	QU	17.1	-11	-14.0	1.8	-.3	-1.2	159	148	-7
22S 13W 12CAC 01	QU	19.5	1	-10.9	2.7		-.9	160	161	1
22S 13W 23DAD 01	QU	17.6	-1	-12.4	1.6		-1.0	187	186	-1
22S 14W 14DCA 01	QU	21.3	-9	-20.5	2.6	-.2	-1.7	188	179	-5
22S 14W 35DDC 01	QU	27.9	-8	-16.6	1.9	-.2	-1.4	110	102	-7
23S 11W 02BBE 01	QU	1.3		-.3	1.6				124	
23S 11W 22BCC 01	QU	21.4	-16	-4.0	1.6	-.4	-.3	167	151	-10
23S 12W 07DBD 01	QU	7.4	-6	-6.9	1.5	-.1	-.6	173	167	-3
23S 12W 22BCC 01	QU	12.1	-8	-6.7	2.8	-.2	-.6	159	151	-5
23S 12W 36BBC 01	QU	14.6	-7	-2.9	3.3	-.2	-.2	146	139	-5
23S 13W 06CCC 01	QU	12.2	-4	-7.7	1.4	-.1	-.6	112	108	-4
23S 13W 30CBE 01	QU	12.5	-2	-4.6	.9		-.4	75	74	-1
23S 13W 35CCA 01	QU	19.3		-12.0	1.3		-1.0	131	131	
23S 14W 15ADC 01	QU	10.3	-3	-7.0	.3	-.1	-.6	69	66	-4
23S 14W 30BBB 01	QU	42.0	-18	-7.6	.1	-.4	-.6	144	126	-13
24S 11W 14CAB 01	QU	33.8	-10	-3.8	.4	-.2	-.3	132	122	-8
24S 11W 17DDE 01	QU	23.6	-1	-.8	.9		-.1	110	109	-1
24S 12W 17CAB 01	QU	24.6	-3	-7.8	3.2	-.1	-.7	122	119	-2
24S 12W 34APC 01	QU	22.0	7	-2.0	1.6	.2	-.2	121	128	6
24S 13W 16ACA 01	QU	20.6	-3	-12.0	1.3	-.1	-1.0	119	116	-3
24S 13W 30BCB 01	QU									
24S 13W 36DDD 01		19.2	2		2.9			134	136	1
24S 14W 17AAC 01	QU	30.8	-4	-9.1	2.4	-.1	-.8	105	101	-4
24S 14W 31BBD 01	QU	20.1	3	-12.3	1.1	.1	-1.0	135	138	2
24S 15W 10BAB 01	QU	29.0	-5	-14.4	-.1	-.1	-1.2	90	85	-6
24S 15W 32BBC 01	QU	27.0	-6	-17.1	-.3	-.1	-1.4	163	157	-4
25S 11W 02ACB 01	QU	11.4	-1	-1.1	.3		-.1	80	79	-1
25S 11W 23DDC 01	QU	15.6	-3	-2.7	1.2	-.1	-.2	143	140	-2
25S 12W 11AAA 01		13.0	3		2.7	.1		65	68	5
25S 12W 24DDB 01	QU	12.3	5	-2.1	1.3	.1	-.2	126	133	4
25S 13W 16AAC 01		23.2	-1		4.7			120	119	-1

TABLE 1.-- SELECTED HYDROLOGIC DATA, STAFFORD COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1944-86 (FEET)	WATER-LEVEL CHANGE 1974-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-86 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-86
25S 13W 31DDA 01		18.9	19		2.2	0.5		193	202	10
25S 13W 36DCC 01										
25S 14W 04AAD 01	QU	13.5	11	-4.3	.9	.3	-.4	125	136	9
25S 14W 21DDB 01										
25S 14W 30CDB 01	QU	15.3	-1	-8.1	1.7		-.7	200	199	-1
25S 15W 11BCB 01	QU	19.7	-4	-8.0	-1.1	-.1	-.7	158	154	-3
25S 15W 29BBD 01	QU	11.2	5	-6.9	1.1	.1	-.6	168	173	3



WATER–LEVEL CHANGE IN STAFFORD COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, STANTON 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
27S 39W 02BBB 01	QU,TO	3217.	97	88	86.1	86.2	85.6	85.6	85.5	85.8	85.6	85.5
27S 39W 27BBA 01	QU,TC	3175.	395	68	102.2	170.4	191.3	189.9	189.3	181.9		
27S 40W 07ABB 01		3273.	229	63							70.7	
27S 40W 16CCC 01		3259.										101.2
27S 40W 25CBC 01	QU,TC	3228.	328	73	85.8	140.1		163.3	174.1	178.0	156.3	165.0
27S 41W 31CCC 02	QU,TC	3402.	308	156	167.6	233.3	230.5	235.1	244.2	248.4	248.2	248.7
27S 41W 35CCC 01	QU,TC,KJ	3340.			135.0	160.5	163.6	166.4	165.3	167.8	168.9	169.3
27S 42W 11DBD 01	QU,TC	3409.	250	120	116.0	159.5	161.9	166.2		174.6		
27S 42W 17CCC 01		3496.										237.7
27S 42W 31CCC 01	QU,TC,KJ	3537.	292	167	193.2		234.6	236.3	240.6	235.7	239.6	238.1
27S 43W 02BBD 01		3544.	319	166							226.0	228.1
28S 39W 14BBC 01	QU,TC,KJ	3158.	408	53	97.1	132.3	134.0	136.5	139.5	141.5		144.9
28S 39W 16CCC 01		3171.	391	49							149.7	149.7
28S 39W 33ACC 01	QU,TC	3201.	428	82	120.1	171.9	177.1	176.6	183.8	179.7	175.0	181.0
28S 39W 36ABB 01	QU,TC	3145.	412	57	100.3	173.6	183.1	189.4	195.2	181.0	179.7	187.7
28S 40W 04CCC 01	QU,TC	3289.	354	110	115.6	181.2	185.4	191.8	197.5	194.6	194.6	194.1
28S 40W 12DDD 02	QU,TC	3225.	385	83	107.4		191.6	202.3	202.8	202.7	199.9	211.0
28S 40W 23ACC 01	QU,TC	3254.	404	103	120.2	177.8	171.1	170.9	173.1	172.2	179.2	181.5
28S 40W 32CCC 01	QU,TC	3320.	446	158	172.5	241.3	244.2	249.6	252.8	237.7	237.8	237.1
28S 41W 02CCC 01		3343.	343	141							235.2	234.9
28S 41W 19CBB 01		3433.	333	183							224.4	224.0
28S 41W 31BDD 01	QU,TC	3414.	280	155	146.0	166.0	168.5	168.9	172.3	173.5		172.3
28S 42W 08CCC 01	QU,TC	3539.	300	199	233.9	254.8	255.5	256.8	260.7	261.5	256.7	260.9
28S 42W 20BCC 01		3553.										251.0
28S 42W 32BBB 01	KJ	3540.			215.9	225.9	225.6	226.2	232.0	236.6	233.0	229.9
29S 39W 17BCB 01	QU,TC	3239.	456	108	128.2	200.0	222.2				228.0	220.2
29S 39W 21DBD 01	QU,TC	3183.	413	62	82.6		152.7		160.0	162.4	166.4	174.1
29S 39W 24DDA 01	QU,TC	3154.	449	62	80.0	133.5	144.1		147.1	150.7	154.6	157.0
29S 40W 28ABB 01		3282.	422	132							219.0	223.5
29S 41W 13ACC 01	QU,TC	3344.	400	176	192.6	246.2			254.5	257.0	258.5	262.2
29S 41W 31CBD 01	KJ	3477.			236.5	236.6	258.4	237.2	238.0	240.9	237.9	238.7
29S 42W 09CDC 01	KJ	3517.			186.9			195.1	196.5	197.9	193.6	195.9
29S 42W 24CCC 01	QU,TC,KJ	3434.			221.2		200.5	203.4	202.4	205.8	205.2	199.9
29S 43W 33CDB 01	KJ	3654.			119.8	115.3	117.4	115.6	117.8	116.8		117.2
30S 39W 18BBB 01	QU,TC,KJ	3238.			121.2	177.8		211.8		190.2		201.1
30S 39W 23BBB 01	QU,TC	3179.	404	72	89.5	148.0	151.9	155.6	170.1	163.9	173.0	167.7
30S 40W 12BBB 01		3274.	434	138							225.2	232.6
30S 40W 24CDC 01	QU,TC,KJ	3237.			115.3	163.9	174.0	198.2	178.6	158.6	161.7	166.0
30S 40W 33CCC 01	KJ	3339.			164.3	193.7	181.9		187.3	181.2	184.4	185.3
30S 41W 13CCC 02						204.8	195.2	189.6		198.4	198.3	

TABLE 1.-- SELECTED HYDROLOGIC DATA, STANTON COUNTY -- CONTINUED

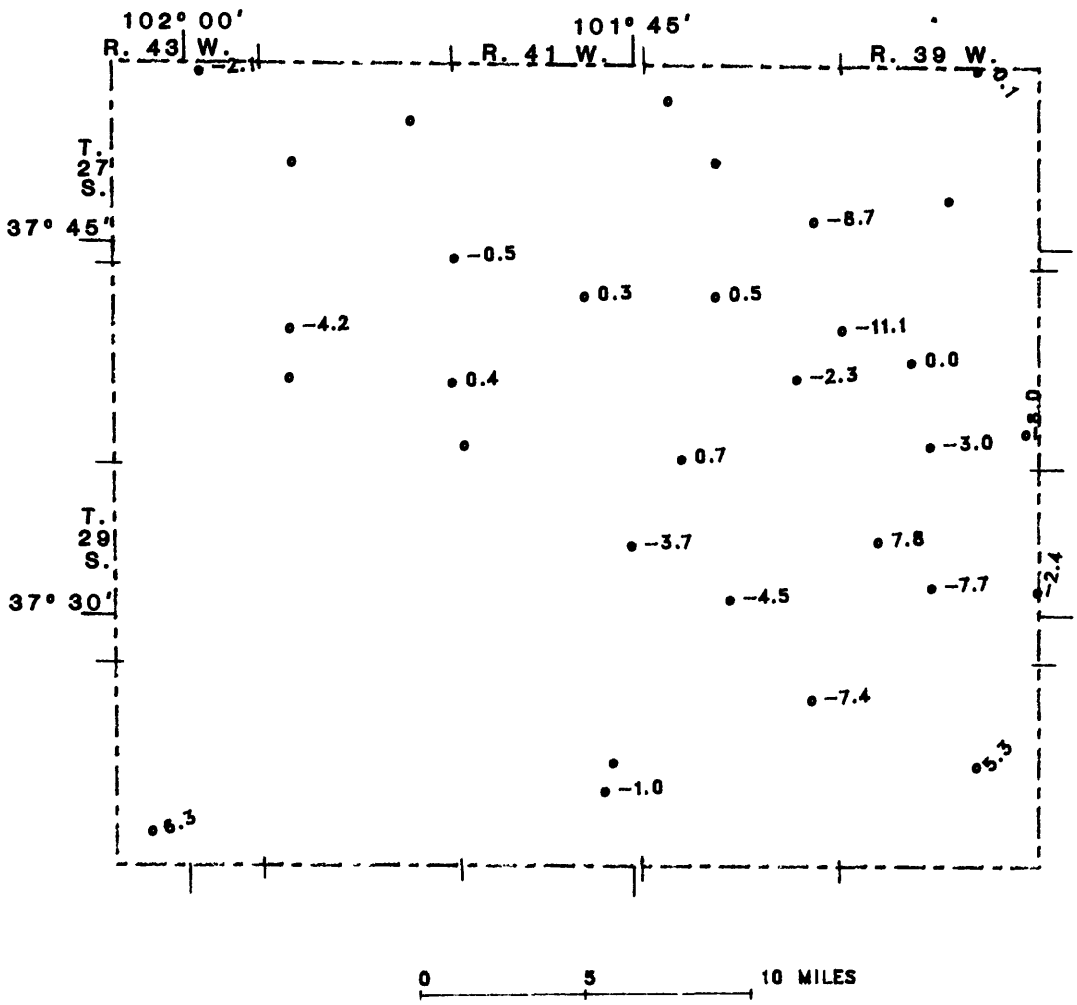
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
30S 41W 23DDD 01		3365.	205	178							189.8	190.9
30S 42W 12ACC 01	KJ	3457.			189.0		195.6	191.9	192.2	193.9	195.5	192.3
30S 42W 16BDD 01	KJ	3524.			187.8	180.3			193.6	183.3	179.6	181.0
30S 43W 34BBB 01	QU,TC	3622.	103	42	66.3	78.9	85.8	83.5	81.6	81.7	81.0	74.7
30S 43W 36BB 01	QU,TC,KJ	3595.			71.6	77.9	74.0	74.9	75.3	74.7	76.1	

TABLE 1.-- SELECTED HYDROLOGIC DATA, STANTON COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
27S 39W 02BBB 01	QU,TO	85.5	3	2.7	0.1	0.1	0.1	9	12	33
27S 39W 27BBA 01	QU,TO									
27S 40W 07ABB 01										
27S 40W 16CCC 01		101.2								
27S 40W 25C9C 01	QU,TO	165.0	-92	-79.2	-8.7	-2.0	-4.0	255	163	-36
27S 41W 31CCB 02	QU,TO	248.7	-93	-91.1	-.5	-2.0	-4.1	152	59	-61
27S 41W 35CCC 01	QU,TO,KJ	169.3		-34.3	-.5		-1.7			
27S 42W 11DBD 01	QU,TO									
27S 42W 17CCC 01		237.7								
27S 42W 31CCC 01	QU,TO,KJ	239.1	-71	-44.9	1.5	-1.5	-2.2			
27S 43W 02BBD 01		228.1	-62		-2.1	-1.3		153	91	-41
28S 39W 14BBC 01	QU,TO,KJ	144.9	-92	-47.8		-2.0	-2.4			
28S 39W 16CCC 01		149.7	-101		0.0	-2.2		342	241	-30
28S 39W 33ACC 01	QU,TO	181.0	-99	-60.9	-3.0	-2.2	-3.0	346	247	-29
28S 39W 36ABB 01	QU,TO	187.7	-131	-87.4	-8.0	-2.8	-4.4			
28S 40W 04CCC 01	QU,TO	194.1	-84	-78.5	.5	-1.8	-3.9	244	160	-34
28S 40W 12DDD 02	QU,TO	211.0	-128	-103.5	-11.1	-2.8	-5.2	302	174	-42
28S 40W 23ACC 01	QU,TO	181.5	-79	-61.3	-2.3	-1.7	-3.1	301	223	-26
28S 40W 32CCB 01	QU,TO	237.1	-79	-64.6	.7	-1.7	-3.2	238	209	-27
28S 41W 02CCC 01		234.9	-94		.3	-2.0		202	108	-47
28S 41W 19CBB 01		224.0	-41		.4	-.9		150	109	-27
28S 41W 31BDC 01	QU,TO	172.3	-17	-26.3		-.4	-1.3	125	108	-14
28S 42W 09CCC 01	QU,TO	260.9	-62	-27.0	-4.2	-1.3	-1.4	101	39	-61
28S 42W 20BCC 01		251.0								
28S 42W 32BBB 01	KJ	229.9		-14.0	3.1		-.7			
29S 39W 17BCB 01	QU,TO	220.2	-112	-91.9	7.8	-2.4	-4.6	348	236	-32
29S 39W 21DBD 01	QU,TO	174.1	-112	-91.4	-7.7	-2.4	-4.6	351	239	-32
29S 39W 24DDA 01	QU,TO	157.0	-95	-76.9	-2.4	-2.1	-3.8	387	292	-25
29S 40W 29ABB 01		223.5	-92		-4.5	-2.0		290	199	-31
29S 41W 13ACC 01	QU,TO	262.2	-86	-69.5	-3.7	-1.9	-3.5	224	138	-38
29S 41W 31CBD 01	KJ	238.7		-2.2	-.8		-.1			
29S 42W 06CDC 01	KJ	195.9		-8.9	-2.3		-.4			
29S 42W 24CCC 01	QU,TO,KJ	199.8		21.5	5.4		1.1			
29S 43W 33CDB 01	KJ	117.2		2.6			.1			
30S 39W 18BBB 01	QU,TO,KJ	201.1		-79.9			-4.0			
30S 39W 23BBB 01	QU,TO	167.7	-96	-78.2	5.3	-2.1	-3.9	332	236	-29
30S 40W 12BBB 01		232.6	-95		-7.4	-2.1		296	201	-32
30S 40W 24CDC 01	QU,TO,KJ	166.0		-50.7	-4.3		-2.5			
30S 40W 33CCC 01	KJ	125.3		-20.9	-.9		-1.0			
30S 41W 13CCC 02										

TABLE 1.-- SELECTED HYDROLOGIC DATA, STANTON COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
30S 41W 23DDE 01		190.8	-13		-1.0	-0.3		27	14	-48
30S 42W 12ACC 01	KJ	192.3		-4.2	3.2		-0.2			
30S 42W 16FDB 01	KJ	181.0		6.8	-1.4		.3			
30S 43W 34BBE 01	QU,TO	74.7	-33	-8.3	6.3	-.7	-.4	61	28	-54
30S 43W 36BE 01	QU,TO,KJ									



WATER–LEVEL CHANGE IN STANTON COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, STEVENS 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
31S 35W 15AA 01	QU,TC	3009.	449	224	236.4	271.9	276.2	275.6	278.5	282.9	285.8	288.5
31S 35W 19CCC 01	QU,TC	3039.	490	174	187.3	217.3	221.4	221.4	222.7	223.5	224.6	226.0
31S 35W 26DCC 01	QU,TC	2998.	447	213	230.2	266.7			277.3		281.4	285.6
31S 36W 02CDD 01	QU,TC	3019.	365	139	155.8	174.9	182.6	179.7	174.1	182.7	182.1	184.0
31S 36W 27BC[illegible] 01	QU,TC	3071.	461	136	137.3	174.1	180.0	175.8	180.4	183.9	182.8	
31S 37W 09BCC 01	QU,TC	3103.	403	102	130.1	172.6	187.0	191.6	194.1	198.0		204.3
31S 37W 22BCC 01	QU,TC	3096.	440	106	128.3	176.2	181.7	183.0	185.7		192.0	193.1
31S 37W 30DDB 01		3138.	499	123							201.0	216.9
31S 38W 17CDA 01	QU,TC	3170.	380	110	131.0	182.7		170.2	171.1	174.4		
31S 39W 23BBB 01	QU,TC	3199.	259	98	116.9	157.3	164.2				163.8	
32S 35W 08DDD 01	QU,TC	3012.	502	130		148.2	155.0	154.1	158.0	160.3	161.0	161.6
32S 36W 21AAC 01		3067.	467	125							187.5	193.7
32S 36W 27DDD 01		3041.		109			169.3	162.0	149.9	153.0	149.7	151.5
32S 37W 10DCC 01	QU,TC	3120.	540	127	136.4	157.5	163.0	158.4	162.4	166.4	166.5	167.3
32S 37W 26BAC 01		3118.		124					116.3	120.2	120.5	119.6
32S 38W 11ADA 01	QU,TC	3159.	529	118	114.1	121.5	123.5	125.2	126.7	128.3	129.9	131.4
32S 38W 23BDD 01	QU,TC	3175.	505	116	106.2		126.1	126.0	127.8	128.3	129.2	131.0
32S 39W 02BBB 01	QU,TC	3216.	296	96	132.9	173.7		207.8	208.6	208.5	206.5	199.9
32S 39W 14DDD 01		3202.									64.5	66.0
33S 35W 23CBB 01		2969.		104			122.3	120.6	124.6	129.4	124.7	125.0
33S 36W 03ACA 01		3027.		90			123.2		121.7	122.4	121.2	121.8
33S 36W 26DDD 01	QU,TC	3032.	422	121	118.7	137.1		141.8	148.4	150.1	144.3	146.7
33S 37W 17CCC 01	QU,TC	3124.	554	83	89.3	87.1	90.4	95.7	94.4	98.4	97.6	98.4
33S 37W 23CDB 01	QU,TC	3092.	562	87	83.8	95.9	95.7	95.6	96.5	95.3	95.9	96.0
33S 38W 06AAB 01	QU,TC	3203.	378	93	94.6	91.3	92.0	91.4	92.8	95.7	95.5	92.1
33S 39W 10ACC 01	QU,TC	3166.	466	101	107.7	127.4	129.9	129.1	134.3	142.2	142.0	134.6
33S 39W 20DAD 01										144.3	147.3	149.8
34S 35W 03DCC 01		2981.		108				130.5	136.7	136.7	134.6	137.2
34S 35W 07CBB 01									161.8	162.8	157.6	161.7
34S 35W 26ACC 01		2977.		112			119.7	117.5	118.6	128.0	121.0	123.6
34S 36W 10CAC 01		3065.		135			137.8	140.7	144.1	146.5	147.7	150.9
34S 36W 21DBD 01		3079.		144							156.8	158.2
34S 37W 08BAC 01	QU,TC	3162.	642	133	113.0	124.2	124.0	124.1	125.8	127.4	126.0	127.6
34S 37W 27ABC 01	QU,TC	3132.	532	125	105.8	110.8	111.5	112.1	116.9	115.7	116.2	120.2
34S 37W 29BBD 01		3170.	550	135							155.0	153.5
34S 37W 35AAD 01		3111.	666	129							123.6	122.2
34S 38W 02CAC 01	QU,TC	3197.	577	139	136.0	151.9	159.4	161.2	155.3	154.6		
34S 38W 34CAA 01		2934.									153.3	154.7
34S 39W 02CCA 01	QU,TC	3248.	537	118	108.3	100.7	102.3	101.2	99.9	102.5	100.5	99.9
34S 39W 15CAD 01	QU,TC	3280.	510	141	141.7	136.3	134.4	136.1	137.0	139.2	135.9	136.7

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

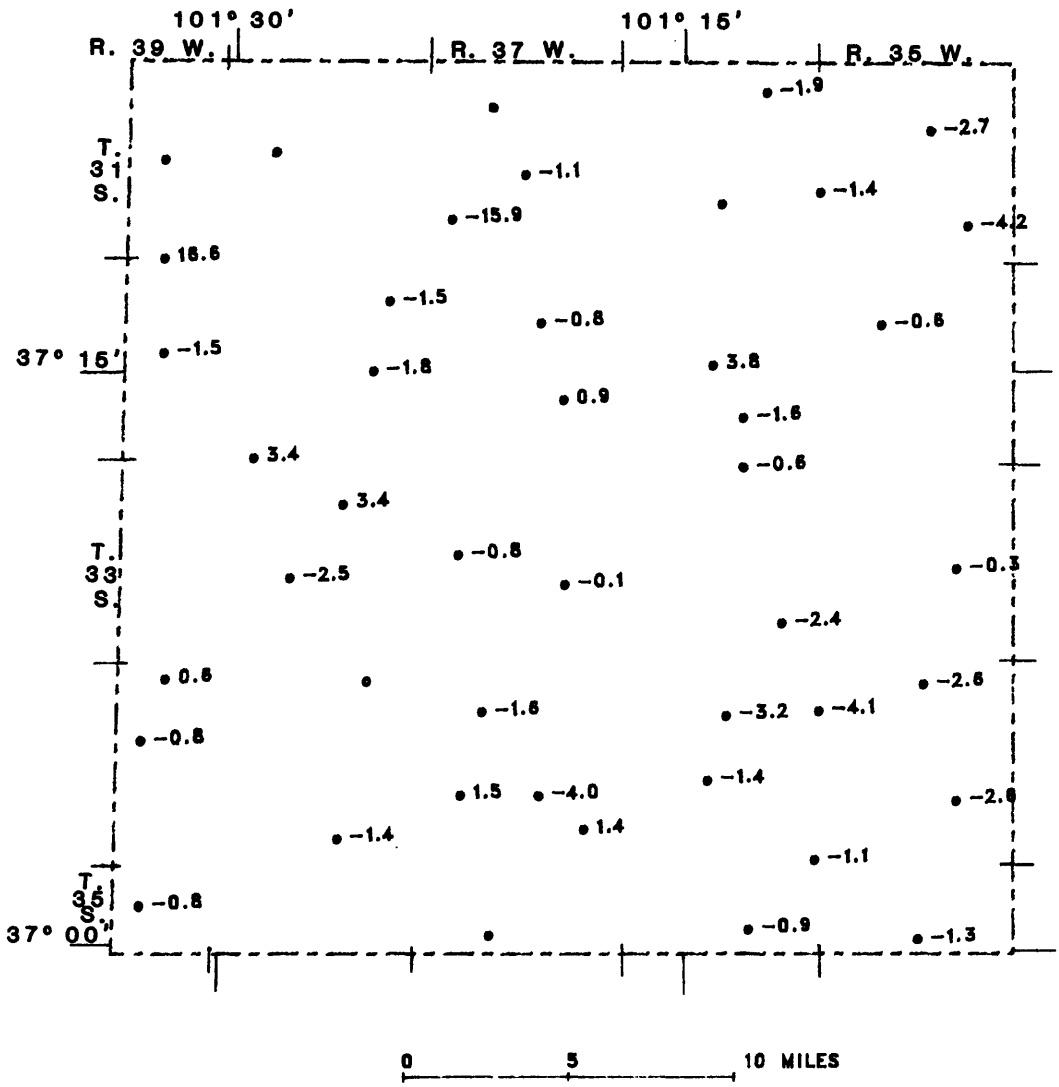
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
35S 35W 15BCC 01		2978.	613	107							107.0	108.3
35S 36W 01AAA 01	QU,TC	3022.	590	120		112.5		114.2	119.9	122.2	120.0	121.1
35S 36W 15AAD 01		3025.		93							103.9	104.8
35S 37W 16BCC 01		3138.										129.3
35S 39W 10CAD 01	QU,TC	3302.	502	183	188.0	187.6	197.0	193.4	199.2	202.3	191.0	191.8

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
31S 35W 15BAA 01	QU,TO	289.5	-65	-52.1	-2.7	-1.4	-2.6	225	161	-28
31S 35W 19CCC 01	QU,TO	226.0	-52	-36.7	-1.4	-1.1	-1.9	316	264	-16
31S 35W 24DCC 01	QU,TO	295.6	-73	-55.4	-4.2	-1.6	-2.8	234	161	-31
31S 36W 02CDD 01	QU,TO	184.0	-45	-25.1	-1.9	-1.0	-1.4	226	181	-20
31S 36W 27BCB 01	QU,TO									
31S 37W 09BCC 01	QU,TO	204.3	-96	-74.2		-2.1	-3.7	295	199	-33
31S 37W 22ACC 01	QU,TO	193.1	-87	-64.7	-1.1	-1.9	-3.2	334	247	-26
31S 37W 30DDB 01		216.9	-94		-15.9	-2.0		375	281	-25
31S 38W 17CDA 01	QU,TO									
31S 39W 23BBB 01	QU,TO									
32S 35W 08DDD 01	QU,TO	161.6	-32		-.6	-.7		372	340	-9
32S 36W 21AAC 01		183.7	-59		3.8	-1.3		342	283	-17
32S 36W 27DDD 01		151.3	-42		-1.6	-.9				
32S 37W 10DCC 01	QU,TO	167.3	-40	-30.9	-.8	-.9	-1.5	413	373	-10
32S 37W 26BAC 01		119.6	4		.9	.1				
32S 38W 11ADA 01	QU,TO	131.4	-13	-17.3	-1.5	-.3	-.9	411	398	-3
32S 38W 23BDD 01	QU,TO	131.0	-15	-24.9	-1.6	-.3	-1.2	389	374	-4
32S 39W 02BBB 01	QU,TO	189.9	-94	-57.0	16.6	-2.0	-2.9	200	106	-47
32S 39W 14DDC 01		66.0			-1.5					
33S 35W 23CBB 01		125.0	-21		-.3	-.5				
33S 36W 03ACA 01		121.8	-32		-.6	-.7				
33S 36W 26DDD 01	QU,TO	146.7	-26	-29.0	-2.4	-.6	-1.4	301	275	-9
33S 37W 17CCC 01	QU,TO	98.4	-15	-9.1	-.8	-.3	-.5	471	456	-3
33S 37W 23CDB 01	QU,TO	96.0	-9	-12.2	-.1	-.2	-.6	475	466	-2
33S 39W 06AAB 01	QU,TO	92.1	1	2.6	3.4		.1	285	286	
33S 38W 10ACC 01	QU,TO	138.6	-38	-30.3	3.4	-.3	-1.5	365	327	-10
33S 38W 20DAD 01		149.8			-2.5					
34S 35W 03DCC 01		137.2	-29		-2.6	-.6				
34S 35W 07CBB 01		161.7			-4.1					
34S 35W 26ACC 01		123.6	-12		-2.6	-.3				
34S 36W 10CAC 01		150.9	-16		-3.2	-.3				
34S 36W 21DBD 01		158.2	-14		-1.4	-.3				
34S 37W 08DAC 01	QU,TO	127.6	5	-14.6	-1.6	.1	-.7	509	514	1
34S 37W 27ABC 01	QU,TO	120.2	5	-14.4	-4.0	.1	-.7	407	412	1
34S 37W 29BBD 01		153.5	-16		1.5	-.3		412	397	-4
34S 37W 35AAC 01		122.2	7		1.4	.2		537	544	1
34S 38W 02CAC 01	QU,TO									
34S 38W 34CAA 01		154.7			-1.4					
34S 39W 02CCA 01	QU,TO	59.9	19	8.5	.5	.4	.4	415	433	4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1940-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-86
35S 35W 15BCC 01		108.3	-1		-1.3			511	510	
35S 36W 01AAA 01	QU,TO	121.1	-1		-1.1			470	469	
35S 36W 15AAC 01		104.8	-12		-.9	-0.3				
35S 37W 16BCC 01		128.3								
35S 39W 10CAD 01	QU,TO	191.5	-9	-3.8	-.8	-.2	-.2	319	310	-3



WATER–LEVEL CHANGE IN STEVENS COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, THOMAS 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
06S 31W 03ADB 01	TO	2957.	192	109	115.0	119.2	120.1	115.9	115.5	115.6	116.7	115.7
06S 31W 33CCD 01	QA,TC	2916.	131	15	10.0	29.1	30.9	30.6	30.2		30.4	30.3
06S 32W 12CBC 01	TO	3020.	210	115	114.0		120.0	118.0	117.6	120.8	119.2	119.2
06S 32W 29CDC 01	TO	3077.	204	113	111.0	123.3	124.4	124.0	122.2	124.1	125.1	123.7
06S 33W 07BBB 01	TO	3177.	234	137		136.0	137.4	137.4	137.5	139.3	141.2	137.8
06S 33W 27DDL 01	QA	2997.	91	9		12.8	14.3	13.6	11.0	12.0	11.5	11.4
06S 34W 01DDD 01	TO										143.4	141.6
06S 34W 11CDD 01	TO	3218.	253	158	156.0	163.0	163.2	163.7	162.5	163.0	168.7	161.7
06S 34W 17CBC 01	TO	3261.	259	151	151.0	157.1	157.8	158.2	157.9	158.4	159.1	158.7
06S 34W 22DCA 01		3207.									132.6	128.0
06S 34W 31CDB 01												130.6
06S 35W 02CDD 01	TO	3245.	250	117	127.0	129.4	130.1	131.4	129.7	129.8	129.9	129.7
06S 35W 26ACB 01	TO	3300.	255	151	150.0	154.2	154.4	153.8	154.6	154.2	154.6	154.8
06S 36W 06BCD 01	TO	3408.	323	174	178.0	191.4	190.9	190.4	189.1		188.6	190.5
06S 36W 11ACC 01	TO	3360.	280	168	161.0	167.9	170.3	167.8	165.7		166.1	167.1
06S 36W 30DCB 01	TO	3417.	307	152	147.0	153.9	154.5	155.5	154.5		155.4	155.4
06S 36W 34DDB 01	TO	3334.	246	99	94.0	101.4	101.6	102.8	101.6	102.7	102.0	102.6
07S 31W 01DCA 01	TO	2956.	246	108	101.0	110.7		112.4	113.6	114.5	121.1	123.5
07S 32W 07ACA 01	TO	3056.	146	68	64.0	77.4	78.5	79.3	79.0	79.4	79.4	79.0
07S 32W 13AAA 01	TO	3037.	234	102	101.0	118.7	120.0	121.7	123.8		122.9	123.3
07S 32W 33BCB 01		3082.									114.6	115.3
07S 33W 07BDA 01	TO	3203.	254	141	149.0	153.0		154.7	153.2	155.0	154.4	154.4
07S 33W 35ADD 01	TO	3145.	252	131	131.0	147.8	150.3	151.8	148.3	150.6	151.0	150.6
07S 34W 25AAA 01	TO	3167.	240	106	106.0	110.1	114.5	111.8	111.1	112.6	113.3	112.2
07S 34W 26DBD 01	TO	3177.	230	104	104.0	114.0	109.6	110.0			118.5	112.4
07S 35W 09CCC 01	TO	3315.	265	124		127.3	129.6	129.0	127.8	127.5	126.8	128.1
07S 36W 17CCC 01	TO	3417.	267	139	134.0	142.6	145.2	145.2	142.8	142.9	143.2	143.6
07S 36W 35CBB 01	TO	3341.	221	92	82.0		89.0	89.5	90.6		91.6	93.0
08S 31W 03CDD 01	TO	3003.		110		128.0	130.3	132.2	131.3	133.4	135.0	135.2
08S 31W 20CDD 01	TO	3026.	220	98	101.0	111.9	114.7		115.2	118.3	120.2	118.0
08S 32W 07BAA 01	TO	3102.	272	98	99.0	116.1	119.1	120.5	118.2	120.4	121.2	121.1
08S 32W 12DBC 01	TO	3057.	217	110	108.0	111.4	113.7	114.8	113.9	116.6	116.3	117.0
08S 32W 27DAB 01	TO	3078.	228	112	110.0		115.6	121.5			122.3	124.1
08S 33W 07AAB 01	TO	3194.	244	144	143.0	153.2	155.3	156.8				
08S 33W 34BBC 01	TO	3168.	197	130	130.0	148.0	149.5	149.0	147.2	148.7	150.4	151.7
08S 34W 01BAC 01	TO	3177.	270	113	116.0	122.4	124.3	124.2	124.4		125.9	124.4
08S 34W 06CBC 01	TO	3266.	227	130	135.0	137.2	137.8	140.1	139.4	135.5		137.9
08S 34W 23CBC 01	TO	3232.	235	162	155.0	171.3	174.3	176.2		176.3		178.5
08S 34W 29CCC 01		3263.									198.3	205.0
08S 35W 04CCC 01		3302.									94.8	94.9

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

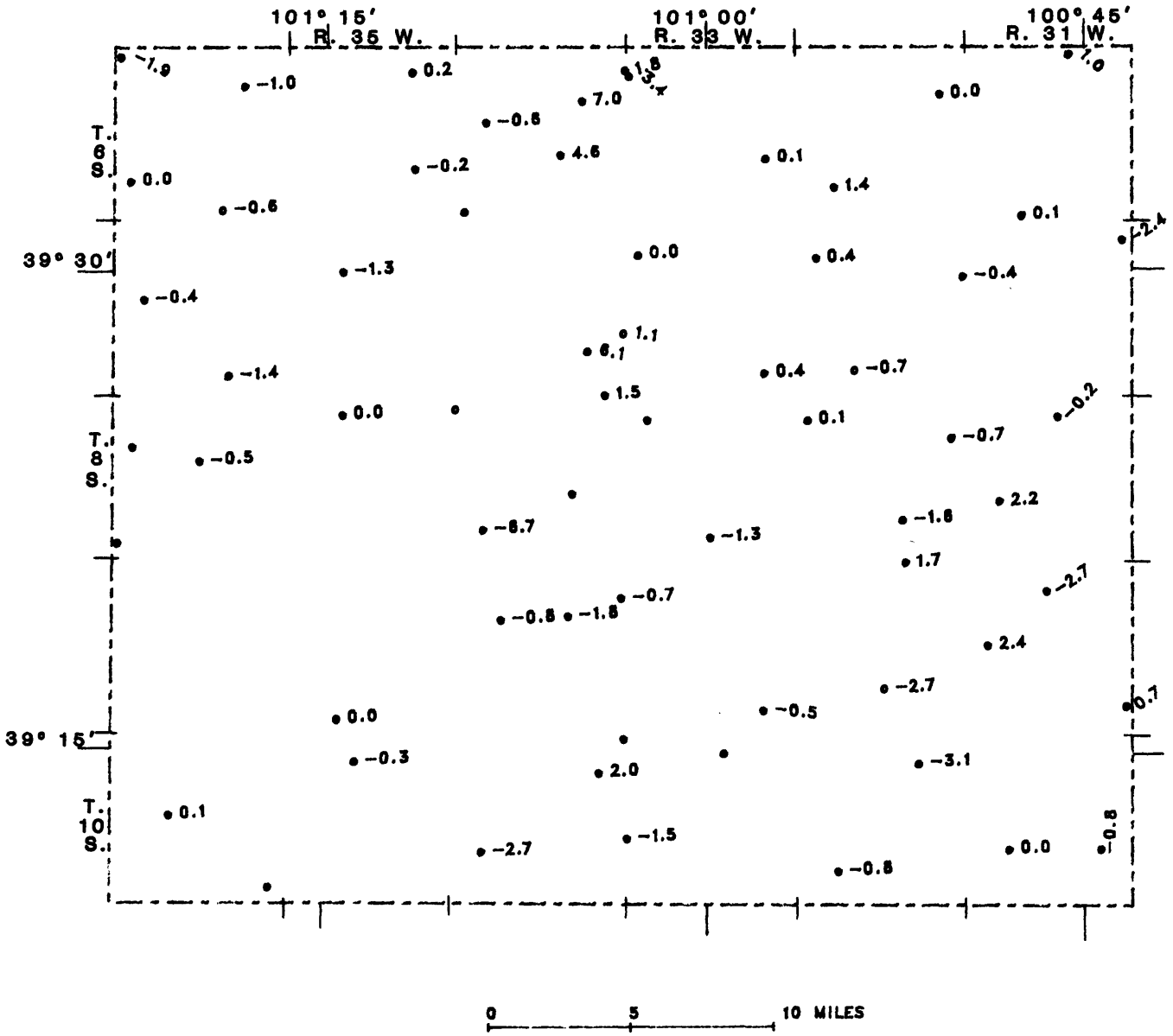
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1959 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
08S 35W 15CBB 01		3365.									85.4	85.9
08S 36W 19ABA 02	TO	3423.		120		128.3	128.3		128.2			129.5
08S 36W 31BCD 01		3369.										45.2
09S 31W 10DBB 01	TO	2999.	177	85	83.0	86.1	88.2	87.3	88.4	88.8	89.6	92.3
09S 31W 17CCC 01		3016.									91.0	86.6
09S 31W 36AAB 01	TO	3013.	209	130	131.0	138.9		141.5	139.1	141.6	143.1	142.4
09S 32W 03AAA 01		3051.									96.2	97.5
09S 32W 27BCD 01	TO	3076.	207	97	99.0	115.5	117.0	120.7	119.1	119.7	118.7	121.4
09S 33W 35AAD 01	TO	3145.	250	125	129.0	149.9	152.8	155.9	154.2	156.3	156.9	157.4
09S 34W 11CCC 01		3180.									119.4	120.2
09S 34W 12AAA 01	TO	3199.	269	134		153.0	155.4	157.3	156.2	157.7	159.0	159.7
09S 34W 17ABA 01		3229.									153.4	154.2
09S 35W 32DAA 01	TO	3361.	235	182	188.0	187.6	187.0	187.9	186.4	188.2	186.8	186.9
10S 31W 26AAA 01	CA,TC	2991.	31	11	5.0	9.7	10.7	11.1	10.5	11.3	11.4	12.2
10S 31W 29AAB 01	TO	2997.	190	82	82.0	89.4	91.1	90.7	89.7	91.3	91.3	91.3
10S 32W 11BAA 01	TO	3072.	171	110	105.0	114.5		117.3	116.2	118.8	117.0	120.1
10S 32W 29DCC 01	TO	3064.	184	78	80.0	93.0	93.9	94.5	95.3	95.5	97.6	98.4
10S 33W 03DAC 01	TO	3145.	254	120	127.0		148.5	149.1	146.0	148.1		152.6
10S 33W 06BBC 01	TO	3191.	315	136				178.9				172.6
10S 33W 19CBD 01	TO	3161.	166	100	99.0	104.0	104.8	105.0	105.6	106.1	104.7	106.2
10S 34W 12BCD 01	TO	3220.	297	157	169.0	174.5		171.3	172.9	173.6	171.3	169.3
10S 34W 29BBC 01		3209.									88.9	91.6
10S 35W 09ABB 01		3290.									112.8	113.1
10S 36W 16CCC 01		3366.									128.8	128.7
10S 36W 36ACC 01	TO	3359.	199	164	169.0	171.9	171.8	171.5	172.0	172.4	175.8	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
06S 31W 03ADB 01	TO	115.7	-7	-0.7	1.0	-0.2		83	76	-9
06S 31W 33CCD 01	QA,TO	30.3	-12	-20.3	.1	-.3	-1.0	113	101	-11
06S 32W 12CBC 01	TO	119.2	-4	-5.2	0.0	-.1	-.3	95	91	-4
06S 32W 29CDC 01	TO	123.7	-11	-12.7	1.4	-.3	-.6	91	80	-12
06S 33W 07BBB 01	TO	137.8	-1		3.4			97	96	-1
06S 33W 23DDD 01	QA	11.4	-2		.1	-.1		72	70	-3
06S 34W 01DDD 01	TO	141.6			1.8					
06S 34W 11CDD 01	TO	161.7	-4	-3.7	7.0	-.1	-.3	95	91	-4
06S 34W 17CBC 01	TO	158.7	-8	-7.7	-.6	-.2	-.4	107	99	-7
06S 34W 22DCA 01		128.0			4.6					
06S 34W 31CDB 01		130.6								
06S 35W 02CDD 01	TO	129.7	-13	-2.7	.2	-.4	-.1	133	120	-10
06S 35W 24ACB 01	TO	154.8	-4	-4.8	-.2	-.1	-.2	104	100	-4
06S 36W 06BCC 01	TO	190.5	-17	-12.5	-1.9	-.5	-.6	149	133	-11
06S 36W 11ACC 01	TO	167.1	1	-6.1	-1.0		-.3	112	113	1
06S 36W 30DCB 01	TO	155.4	-3	-5.4	0.0	-.1	-.4	155	152	-2
06S 36W 34DCB 01	TO	102.6	-4	-8.6	-.6	-.1	-.4	147	143	-3
07S 31W 01DCA 01	TO	123.5	-16	-22.5	-2.4	-.4	-1.1	138	123	-11
07S 32W 07ACA 01	TO	79.0	-11	-15.0	.4	-.3	-.8	78	67	-14
07S 32W 13AAA 01	TO	123.3	-21	-22.3	-.4	-.6	-1.1	132	111	-16
07S 32W 33BCB 01		115.3			-.7					
07S 33W 07BDA 01	TO	154.4	-13	-5.4	0.0	-.4	-.3	113	100	-12
07S 33W 35ADD 01	TO	150.6	-20	-19.6	.4	-.6	-1.0	121	101	-17
07S 34W 25AAA 01	TO	112.2	-6	-6.2	1.1	-.2	-.3	134	128	-4
07S 34W 26DBD 01	TO	112.4	-8	-8.4	6.1	-.2	-.4	126	118	-6
07S 35W 09CCC 01	TO	128.1	-4		-1.3	-.1		141	137	-3
07S 36W 17CCC 01	TO	143.6	-5	-9.6	-.4	-.1	-.5	128	123	-4
07S 36W 35CBB 01	TO	93.0	-11	-11.0	-1.4	-.3	-.6	139	128	-8
08S 31W 03CDD 01	TO	135.2	-25		-.2	-.7				
08S 31W 20CDD 01	TO	118.0	-20	-17.0	2.2	-.6	-.9	122	102	-16
08S 32W 07BAA 01	TO	121.1	-23	-22.1	.1	-.6	-1.1	174	151	-13
08S 32W 12DBC 01	TO	117.0	-7	-9.0	-.7	-.2	-.5	107	100	-7
08S 32W 27DAB 01	TO	124.1	-12	-14.1	-1.8	-.3	-.7	116	104	-10
08S 33W 07AAB 01	TO									
08S 33W 34BBC 01	TO	151.7	-22	-21.7	-1.3	-.6	-1.1	67	45	-33
08S 34W 01BAC 01	TO	124.4	-11	-8.4	1.5	-.3	-.4	157	146	-7
08S 34W 06CBC 01	TO	137.9	-3	-2.9		-.2	-.1	97	89	-8
08S 34W 23CBD 01	TO	178.5	-17	-23.5		-.5	-1.2	73	57	-22
08S 34W 29CCC 01		205.0			-6.7					
08S 35W 04CCC 01		94.8			0.0					

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
08S 34W 16CBB 01		85.9			-0.5					
08S 36W 19ABA 01	TO	129.5	-10			-0.3				
08S 36W 31BCC 01		45.2								
09S 31W 10BBB 01	TO	92.3	-7	-9.3	-2.7	-.2	-0.5	92	85	-8
09S 31W 17CCC 01		88.6			2.4					
09S 31W 36AAB 01	TO	142.4	-12	-11.4	.7	-.3	-.6	79	67	-15
09S 32W 03AAA 01		97.5			1.7					
09S 32W 27BCD 01	TO	121.4	-24	-23.4	-2.7	-.7	-1.2	110	86	-22
09S 33W 35AAD 01	TO	157.4	-32	-29.4	-.5	-.9	-1.4	125	93	-26
09S 34W 11CCC 01		120.2			-1.3					
09S 34W 12ADA 01	TO	159.7	-26		-.7	-.7		135	109	-19
09S 34W 17ABA 01		154.2			-.8					
09S 35W 32DAA 01	TO	186.3	-5	1.2	0.0	-.1	.1	53	48	-9
10S 31W 26AAA 01	QA,TC	12.2	-1	-7.2	-.8		-.4	20	19	-5
10S 31W 29AAB 01	TO	91.3	-9	-9.3	0.0	-.3	-.5	108	99	-8
10S 32W 11BAA 01	TO	120.1	-10	-15.1	-3.1	-.3	-.8	61	51	-16
10S 32W 29DCB 01	TO	93.4	-20	-18.4	-.6	-.6	-.9	106	86	-19
10S 33W 03DBC 01	TO	152.6	-33	-25.6		-.9	-1.3	134	101	-25
10S 33W 04BBC 01	TO	172.6	-37			-1.0		179	142	-21
10S 33W 19CBB 01	TO	106.2	-6	-7.2	-1.5	-.2	-.4	66	60	-9
10S 34W 13BCD 01	TO	169.3	-12	-.3	2.0	-.3		140	128	-9
10S 34W 29BCC 01		91.6			-2.7					
10S 35W 09ABB 01		113.1			-.3					
10S 36W 16CCC 01		128.7			.1					
10S 36W 36ACC 01	TO									



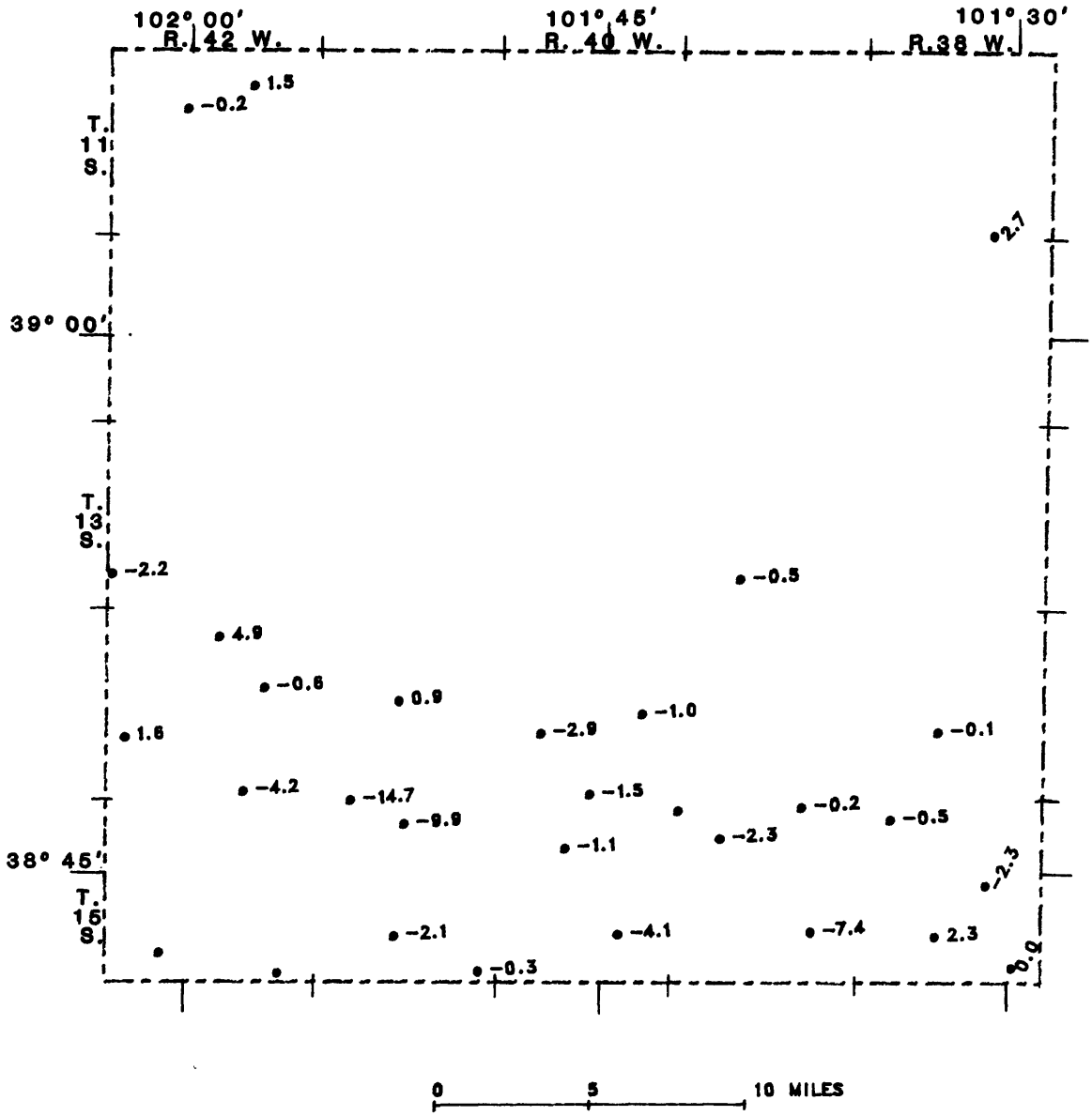
WATER–LEVEL CHANGE IN THOMAS COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, WALLACE 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
11S 38W 35CCC 02	TO	3372.	189	81	76.0	142.3	140.1	148.6		136.3	127.6	124.9
11S 42W 05DDC 01	TO	3953.	95	98		108.2	107.4	107.3	107.5	108.3	109.7	109.9
11S 42W 10AAD 01	TO	3948.									130.1	128.6
13S 39W 33BBB 01	TO	3322.				28.5	26.9	29.5	25.4	25.9	25.8	26.3
13S 43W 36ABB 01	TO	3894.	270	149	149.0	174.0		175.8	177.4	180.7	180.0	182.2
14S 38W 21DCC 01	TO	3538.	94	82	80.1		81.8	81.9	81.8	82.1	82.1	82.2
14S 40W 23ADD 01	TO	3645.	220	118	124.5				155.2	156.6	156.1	157.1
14S 40W 29ABA 01	TO	3702.	230	137		165.6	167.3		169.8	172.2	171.8	174.7
14S 41W 22BBC 01	TO	3729.	213	74	86.1	118.6	120.6	121.6	121.0	124.1	125.8	124.9
14S 42W 10BAA 01	TO	3838.	403	133		173.4	176.1	179.2	178.5	181.3	182.1	177.2
14S 42W 14DBD 01	TO	3796.	400	101	117.4	141.6		153.2	149.8	151.6	151.5	152.1
14S 42W 30BCA 01	TO	3880.	386	155	159.6	186.2	186.9				195.2	193.6
15S 38W 05CCB 01	TO	3531.	144	76		101.6	101.3	102.5	102.5	104.8	103.4	103.9
15S 38W 14CCD 01	TO	3486.	150	70	81.1	101.5	102.8	103.9	102.1	104.5	103.2	105.5
15S 38W 29DBA 01	TO	3502.	202	82	106.3	145.3		145.4	146.0	148.2	148.1	145.4
15S 39W 36CBA 01	TO	3461.	153	76	80.8	112.4	115.7	121.3	121.9	121.9	121.4	121.4
15S 39W 02BCD 01	TO	3585.	195	109	125.0	152.6	151.2		156.7	152.5	152.6	152.8
15S 39W 06CAC 01	TO	3631.	223	106	118.8	148.0	147.6	146.1	146.3	146.3		146.1
15S 39W 08ACC 01	TO	3623.	222	113	129.9	158.3	156.2	158.6	156.5	159.9	160.3	162.6
15S 39W 26ACC 01	TO	3561.	239	90	111.5	144.4	145.0	150.7	151.0	154.2	152.1	159.5
15S 40W 03BAB 01	TO	3636.	254	96	85.0	119.1	119.7	121.7	120.4	119.8	122.8	124.3
15S 40W 09DCB 01	TO	3653.	261	85	90.8	125.1	126.4	128.6	128.5	128.7	129.2	130.3
15S 40W 24CAB 01	TO	3646.	245	100	102.0	127.9	128.9	142.0			130.0	134.1
15S 41W 05ACB 01	TO	3794.	235	136	147.2	196.8		185.9	189.4	190.5	190.0	204.7
15S 41W 10BAB 01	TO	3787.	264	157	163.7	194.8	199.1	200.0	200.0	200.7	202.2	212.1
15S 41W 27CBC 01	TO	3750.	230	145		180.6	184.1	186.7	190.5	191.8	186.9	189.0
15S 41W 36DDB 02	TO	3695.	265	104	113.1	139.6		142.2	139.5		144.9	145.2
15S 42W 02BBB 01	TO	3854.	225	159	166.9	191.2	200.6	198.5	201.8	205.7	209.1	212.3
15S 42W 32BDA 01	TO	3901.	271	216	233.9		245.2	243.8	233.5	239.3	246.2	
15S 42W 36CDC 01	TO	3844.	270	194	214.1	241.0	241.2	241.9	242.7	243.3	241.7	

TABLE 1.-- SELECTED HYDROLOGIC DATA, WALLACE COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1986 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
11S 38W 35CCC 02	TO	124.9	-44	-42.9	2.7	-1.2	-2.4	108	64	-41
11S 42W 08DDC 01	TO	109.9	-12		-.2	-.3			12	
11S 42W 10AAD 01	TO	125.6			1.5					
13S 39W 33BBB 01	TO	26.3			-.5					
13S 43W 36ABB 01	TO	182.2	-33	-33.1	-2.2	-.9	-1.7	121	88	-27
14S 38W 21CCC 01	TO	82.2		-2.1	-.1		-.1	12	12	
14S 40W 23ADD 01	TO	157.1	-39	-32.6	-1.0	-1.1	-1.6	102	63	-38
14S 40W 29ABA 01	TO	174.7	-38		-2.9	-1.1		93	55	-41
14S 41W 22BBC 01	TO	124.9	-41	-38.9	.9	-1.1	-1.9	134	93	-31
14S 42W 10BAA 01	TO	177.2	-44		4.9	-1.2		270	226	-16
14S 42W 14DBB 01	TO	152.1	-51	-34.7	-.6	-1.4	-1.7	299	248	-17
14S 42W 30BCA 01	TO	193.6	-39	-34.0	1.6	-1.1	-1.7	231	192	-17
15S 38W 05CCB 01	TO	103.9	-28		-.5	-.8		68	40	-41
15S 38W 14CCD 01	TO	105.5	-36	-24.4	-2.3	-1.0	-1.2	80	45	-44
15S 39W 29DBB 01	TO	145.8	-64	-39.5	2.3	-1.9	-2.0	120	56	-53
15S 39W 36CBB 01	TO	121.4	-45	-40.5	0.0	-1.3	-2.0	77	32	-58
15S 39W 02ECD 01	TO	152.8	-44	-27.7	-.2	-1.2	-1.4	86	42	-51
15S 39W 06CBC 01	TO	146.1	-40	-27.3		-1.1	-1.4	117	77	-34
15S 39W 08ACC 01	TO	162.6	-50	-32.7	-2.3	-1.4	-1.6	109	59	-46
15S 39W 26ACC 01	TO	159.5	-70	-47.9	-7.4	-1.9	-2.4	149	80	-46
15S 40W 03EAB 01	TO	124.3	-38	-39.2	-1.5	-1.1	-2.0	168	130	-23
15S 40W 09DCB 01	TO	130.3	-45	-39.6	-1.1	-1.3	-2.0	176	131	-26
15S 40W 26CAB 01	TO	134.1	-34	-32.1	-4.1	-.9	-1.6	145	111	-23
15S 41W 05ACB 01	TO	204.7	-49	-57.5	-14.7	-1.9	-2.9	99	30	-70
15S 41W 10BAB 01	TO	212.1	-55	-44.3	-9.9	-1.5	-2.4	107	52	-51
15S 41W 27CBC 01	TO	199.0	-44		-2.1	-1.2		85	41	-52
15S 41W 36DDB 02	TO	145.2	-41	-32.0	-.3	-1.1	-1.6	161	120	-25
15S 42W 02BBB 01	TO	212.3	-53	-45.4	-4.2	-1.5	-2.3	66	13	-80
15S 42W 32BDA 01	TO									
15S 42W 34CDC 01	TO									



WATER–LEVEL CHANGE IN WALLACE COUNTY, 1985–86

TABLE 1.-- SELECTED HYDROLOGIC DATA, WICHITA 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 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
16S 35W 06AAB 01	TO	3208.	118	71	81.5	81.0		82.8	82.6		83.0	82.8
16S 35W 13CCC 01	TO	3182.	170	113	126.6	153.?	156.8	159.3	157.6	157.7	157.7	157.7
16S 35W 20CCC 01	TO	3228.	189	103	124.6	154.2		162.0	157.2	155.8	156.0	155.2
16S 36W 03DCC 01	TO	3267.	138	97		124.9	126.5	128.4	135.2		133.?	132.2
16S 36W 07BCB 01	TO	3319.	140	80	91.8	112.6	111.3	112.6	113.2	114.8	115.6	115.2
16S 36W 21CCC 01	TO	3295.	205	84	99.9	145.3	150.0	152.4	171.2	150.5	149.8	151.7
16S 36W 30CBC 01	TO	3319.	218	97	109.3	147.4			153.0		158.6	155.9
16S 36W 34CCC 02	TO	3275.										138.3
16S 36W 36CBC 01	TO	3246.	200	91	105.4	129.7	130.8	133.8	132.5	133.9	133.9	134.3
16S 37W 13BBC 01	TO	3331.	151	78	92.7	125.1	125.9	127.2	128.3	129.2	129.6	
16S 37W 17BBB 01	TO	3399.	194	96	101.0	139.3	141.4	142.4	143.7	144.4	145.0	144.0
16S 37W 30BAB 01	TO	3404.									154.4	156.3
16S 38W 10ABB 01	TO	3458.	208	83	96.3	139.2		144.4	145.2	145.0	144.?	143.5
16S 38W 26BBB 01	TO	3424.	197	75	112.0	134.1	139.3	145.9	137.7	138.6	139.?	140.6
17S 35W 02BBB 01	TO	3189.	189	109		147.3		149.3	150.1	151.0	151.9	152.3
17S 35W 15CDC 01	TO	3194.	204	98	110.0	131.8	131.7	136.4	131.?	133.7	133.5	133.9
17S 35W 18ACB 01	TO	3226.	195	97	110.8	136.8		145.8	144.0	144.7	144.7	144.7
17S 35W 27CCC 01	TO	3195.	210	91	109.6	145.1		149.5	148.0	146.4	145.1	143.6
17S 35W 30CBB 01	TO	3235.	218	94	126.6	157.7	162.6	169.4	172.5	162.6		160.2
17S 36W 10CBB 01	QA,TC	3202.	97	29		53.4	53.6	55.6	56.5	57.6	59.6	60.0
17S 36W 23BCC 01	TO	3258.	228	100	125.3	153.6	155.6	160.1	158.2	162.5	156.3	155.3
17S 36W 33ECB 01	TO	3236.	208	98	113.3	142.1	141.5	143.0	143.5	143.5	145.0	145.1
17S 37W 08BAA 01	TO	3374.	196	84	101.2	129.8	130.2	134.9	141.2	134.8	132.3	133.4
17S 37W 13CDD 01	TO	3300.	175	70		104.3	101.0	103.1	104.2	106.2	107.7	107.7
17S 37W 28CCC 01	TO	3360.	190	85	98.4	131.4	131.1	141.5	151.7	133.9	138.1	137.0
17S 38W 21BBB 01	TO	3446.	165	100	100.3	119.9		126.5	127.7	127.6		126.4
17S 38W 24ACC 01	TO	3394.	210	86	104.5	124.3	124.0	125.4	129.0	131.6	131.4	132.7
17S 38W 28CCC 01	TO	3446.	190	105	113.6	139.5		143.8	145.?		144.9	144.8
18S 35W 08BBC 02	TO	3217.	186	82		131.3		140.0	144.6	143.0	133.6	134.7
18S 35W 14DCD 01	TO	3171.	137	80	91.1	113.1		114.0	117.5	115.2	119.3	114.0
18S 35W 31DDD 01	TO	3210.										95.4
18S 36W 15DAD 01	TO	3235.	165	60		86.7	87.3	87.5	87.0	88.4	88.?	87.6
18S 37W 01BBB 01	TO	3315.	174	80	103.4	136.4	136.0	138.8	137.6	139.?	138.?	138.3
18S 37W 21BBB 01	TO	3360.	175	75	113.6	152.8	155.4	168.7	154.6	163.5	158.3	161.7
18S 37W 36ABB 01	TO	3301.	155	76	89.3	105.4	106.0	107.3	108.6	108.8	108.4	108.3
18S 38W 02BCC 01	TO	3414.	199	95	115.7	148.1	153.1	155.8	159.4	160.9	152.3	153.0
18S 38W 09BBB 01	TO	3432.	182	82		124.8	127.8	131.7	131.9	130.2	128.6	129.2
18S 38W 12BCC 01	TO	3401.	202	91	117.4	155.0	157.4	158.5	161.5	164.7		161.9
18S 38W 20ACC 02	TO	3440.	169	90	104.?			131.3	130.2	130.7	131.4	130.7
18S 38W 27BAB 01	QA,TC	3340.	108	23		29.7	43.5	45.8	39.?	53.5	25.8	40.2

TABLE 1.-- SELECTED HYDROLOGIC DATA, WICHITA COUNTY -- CONTINUED

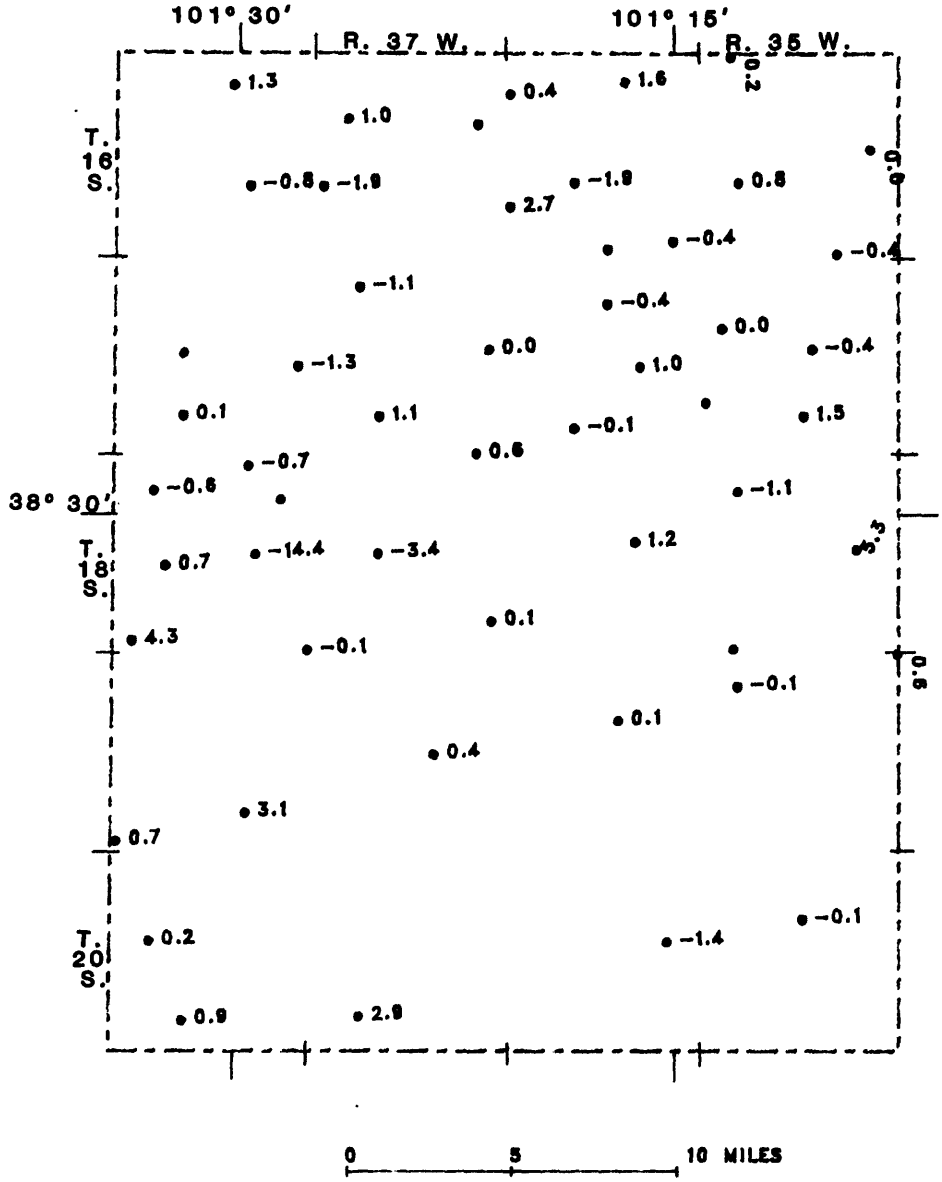
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)
18S 38W 31D4C 01	TO	3450.	143	104	108.7	123.9	120.7	123.7	123.6	125.4	125.5	121.2
18S 38W 36DDD 01	TO	3374.	129	78	92.4	80.8	82.8	83.0	83.1	83.1	83.7	83.9
19S 35W 01AAA 01	TO	3165.	134	93	100.2		114.5	114.0	115.3	115.0	116.0	115.4
19S 35W 03BEB 01	TO	3217.	135	85		95.7	96.3	97.1	95.2	95.9	95.9	96.0
19S 36W 15B4A 01	TO	3236.	112	71		78.5	78.4	77.9	77.3	78.6	78.9	78.8
19S 37W 22AAB 01	TO	3330.	138	99		105.6	107.0	102.8	102.8	101.8	101.0	100.6
19S 38W 26CCB 01	TO	3408.	173	96		107.1	107.4	103.2	102.7	101.6	102.4	99.3
19S 38W 31C3C 01	TO	3463.	205	140		139.6	141.7	138.8	139.5	139.1	139.7	139.9
20S 35W 15BBB 01	TO	3129.						68.0	68.0	68.2	68.0	68.1
20S 36W 14DAD 01	TO	3225.	108	94	94.2	97.3	97.4	96.8	98.4	96.8	96.8	98.2
20S 37W 29DCC 01	TO	3359.	139	98		116.9	110.4	112.9	110.7	110.4	110.3	107.4
20S 38W 17C3D 01	TO	3442.	232	135		144.5		142.0		141.3	141.3	141.1
20S 38W 33BBA 01	TO	3424.	205	126	134.0	139.3	141.2	141.3	140.6	140.4	140.6	139.7

TABLE 1.-- SELECTED HYDROLOGIC DATA, WICHITA COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1950 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
16S 35W 06448E 01	TO	92.8	-12	-1.3	0.2	-0.3	-0.1	47	35	-26
16S 35W 13CCC 01	TO	157.7	-40	-31.1	0.0	-1.1	-1.6	52	12	-77
16S 35W 20CCC 01	TO	155.2	-52	-30.5	.6	-1.4	-1.5	86	34	-60
16S 36W 03DCC 01	TO	132.2	-45		1.6	-1.3		51	6	-88
16S 36W 07BCC 01	TO	115.2	-35	-23.4	.4	-1.0	-1.2	60	25	-58
16S 36W 21CCC 01	TO	151.7	-68	-51.8	-1.9	-1.9	-2.6	121	53	-56
16S 36W 30C6C 01	TO	155.4	-69	-46.6	2.7	-1.9	-2.3	131	62	-53
16S 36W 34CCC 02	TO	134.3								
16S 36W 34C2C 01	TO	134.3	-43	-28.9	-.4	-1.2	-1.4	109	66	-39
16S 37W 13B3C 01	TO									
16S 37W 17B3E 01	TO	144.0	-59	-43.0	1.0	-1.6	-2.2	108	50	-54
16S 37W 30AAB 01	TO	156.3			-1.9					
16S 38W 10A3B 01	TO	143.5	-61	-47.1	1.3	-1.7	-2.4	125	65	-48
16S 38W 26B3E 01	TO	140.6	-66	-28.6	-.9	-1.8	-1.4	122	56	-54
17S 35W 02588 01	TO	152.3	-43		-.4	-1.2		80	37	-54
17S 35W 15CDC 01	TO	133.9	-36	-23.9	-.4	-1.0	-1.2	106	70	-34
17S 35W 19AC8 01	TO	144.7	-46	-33.9	0.0	-1.3	-1.7	98	50	-49
17S 35W 27CCC 01	TO	143.6	-93	-34.0	1.5	-1.5	-1.7	119	66	-45
17S 35W 33C3A 01	TO	160.2	-66	-33.6		-1.5	-1.7	124	58	-53
17S 36W 10C== 01	QA,TO	60.0	-31		-.4	-.9		68	37	-46
17S 36W 23ECC 01	TO	155.3	-55	-30.0	1.0	-1.5	-1.5	128	73	-43
17S 36W 33BCB 01	TO	145.1	-47	-31.8	-.1	-1.3	-1.6	110	63	-43
17S 37W C3BAA 01	TO	133.4	-49	-32.2	-1.1	-1.4	-1.6	112	63	-44
17S 37W 13CDD 01	TO	107.7	-38		0.0	-1.1		105	47	-36
17S 37W 25CCC 01	TO	137.0	-52	-38.6	1.1	-1.4	-1.9	105	53	-50
17S 38W 21B3B 01	TO	126.4	-26	-26.0		-.7	-1.3	65	39	-40
17S 38W 24ACC 01	TO	132.7	-47	-28.2	-1.3	-1.3	-1.4	124	77	-38
17S 38W 28CCC 01	TO	144.5	-40	-31.2	.1	-1.1	-1.6	85	45	-47
18S 35W 02B8C 02	TO	134.7	-53		-1.1	-1.5		104	51	-51
18S 35W 14DCD 01	TO	114.0	-34	-22.9	5.3	-.9	-1.1	57	23	-60
18S 35W 31DDD 01	TO	95.4								
18S 36W 15DAC 01	TO	87.6	-29		1.2	-.8	/	105	77	-27
18S 37W 01538 01	TO	138.3	-53	-29.9	.6	-1.6	-1.5	94	36	-62
18S 37W 21B3B 01	TO	141.7	-77	-49.1	-3.4	-2.1	-2.4	90	13	-86
18S 37W 36A8B 01	TO	109.3	-32	-19.6	.1	-.9	-1.0	79	47	-41
18S 38W 02BCC 01	TO	153.0	-59	-37.3	-.7	-1.6	-1.6	104	46	-56
18S 38W 09B8D 01	TO	129.2	-47		-.6	-1.3		100	53	-47
18S 38W 12BCC 01	TO	141.9	-71	-44.5		-2.0	-2.2	111	40	-64
18S 39W 20ACC 02	TO	130.7	-41	-22.0	.7	-1.1	-1.1	74	35	-52
18S 39W 23BAB 01	QA,TO	40.2	-17		-14.4	-.5		45	28	-20

TABLE 1.-- SELECTED HYDROLOGIC DATA, WICHITA COUNTY -- CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1996 (FEET)	WATER-LEVEL CHANGE 1950-86 (FEET)	WATER-LEVEL CHANGE 1966-86 (FEET)	WATER-LEVEL CHANGE 1985-86 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-86 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-86 (FEET/YEAR)	SATUPATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1986 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-86
19S 33W 31D8C 01	TO	121.2	-12	-12.5	4.3	-0.3	-0.6	39	27	-31
19S 34W 36DDD 01	TO	83.9	-6	-1.4	-.1	-.2	-.1	51	45	-12
19S 35W 01AAA 01	TO	115.4	-32	-15.2	.6	-.9	-.8	51	19	-63
19S 35W 08B2B 01	TO	9e.0	-11		-.1	-.3		50	39	-22
19S 36W 15ZAA 01	TO	78.3	-8		.1	-.2		41	33	-20
19S 37W 22AAE 01	TO	100.6	-3		.4	-.1		40	37	-8
19S 38W 26CC8 01	TO	80.3	-3		3.1	-.1		77	74	-4
19S 38W 31C3C 01	TO	139.0	1		.7			65	66	2
20S 35W 15B8B 01	TO	69.1			-.1					
20S 36W 14DA8 01	TO	89.2	-4	-4.0	-1.4	-.1	-.2	14	10	-29
20S 37W 29DCC 01	TO	107.4	-9		2.9	-.3		41	32	-22
20S 38W 17C3C 01	TO	141.1	-6		.2	-.2		97	91	-6
20S 38W 3488A 01	TO	139.7	-14	-5.7	.9	-.4	-.3	79	65	-18



WATER–LEVEL CHANGE IN WICHITA COUNTY, 1985–86

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