JANUARY 1987 WATER LEVELS, AND DATA RELATED TO WATER-LEVEL CHANGES, WESTERN AND SOUTH-CENTRAL KANSAS

By Barbara J. Dague

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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

JANUARY 1987 WATER LEVELS, AND DATA RELATED TO WATER-LEVEL CHANGES, WESTERN AND SOUTH-CENTRAL KANSAS

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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 1987. There are a total of 1,475 wells in a monitoring network that is 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 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 precipitation and minimum pumpage (1966 or 1974), and (3) each of 7 consecutive years of measurement (1981-87). The "base-reference year" is designated for the most part as 1940 for the southwestern area, 1944 for the south-central area, with the exception of Edwards and Rice Counties, which have a "base-reference year" of 1950, and 1950 for the northwestern, west-central, and Equus beds areas, with the exception of Harvey County, which has a "base-reference year" of 1944 (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. Depths to bedrock, used in computing saturated thickness of water-bearing deposits, are based on drillers' logs, reported depths of wells, and interpretations of maps showing the altitude of the bedrock surface.

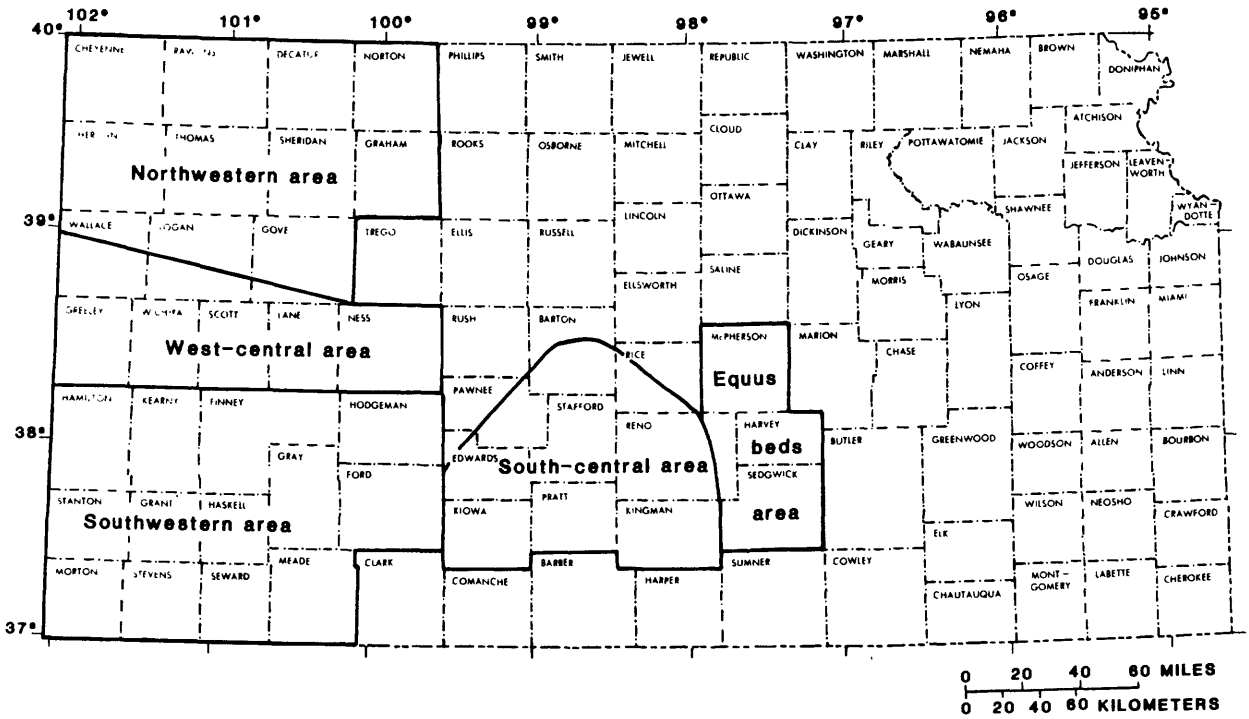


Figure 1.--Location of reported areas.

Table 1 shows: (1) well number; (2) principal geologic unit; (3) land-surface altitude of well; (4) depth to bedrock; (5) depths to water during the base-reference years of 1940, 1944, or 1950 (predevelopment years), during the reference years of either 1966 or 1974, and during each year from 1981 through 1987; (6) water-level changes from the base-reference year and the reference year to 1987, and from 1986-87; and (7) average annual water-level changes from the base-reference year and reference year to 1987. Also shown are saturated thicknesses of the water-bearing deposits during the base-reference year and during 1987, as well as the percentage change in saturated thickness from the base-reference year to 1987.

County maps in this report show the location and 1986-87 water-level changes at observation wells as listed in table 1. 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 the well was not measured in either 1986 or 1987 or both. To assist in describing water-level changes in the High Plains and alluvial aquifers, location and water-level changes for observation wells screened in Cretaceous and Jurassic formations (KJ, KD, KN, and KU) are listed in table 1 but are not noted on the maps.

As an indicator of water-level trends, average water-level changes for the five reported 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 declined 0.1 foot during 1986, and the average water level was unchanged during 1985. The average annual water-level decline was 0.5 foot for the 21-year period from 1966-86. In west-central Kansas, the average water level decreased 0.5 foot during 1986 and was unchanged during 1985. For 1966-86, the average annual decline was 1.4 feet. In southwestern Kansas, the average water-level decline was 1.3 feet during 1986 and 0.6 foot during 1985. The average annual decline was 1.3 feet during 1966-86. In south-central Kansas, the average water-level decreased 0.1 foot during 1986 compared to a 1.1-foot increase during 1985. The average annual decline was 0.4 foot during 1974-86. For the Equus beds area, (the area in the High Plains aquifer east of Hutchinson), the average water level decreased 0.2 foot during 1986 compared to an average increase of 2.2 feet during 1985. Water levels decreased an average of 0.6 foot during 1986 throughout western and south-central Kansas.

Wells in this report are numbered according to a modification of the U.S. Bureau of Land Management's system of land subdivision. In this report, the first set of digits of a well number indicates the township south (S) of the Kansas-Nebraska state line; the second set, the range east or west (E or W) 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; the third, the quarter-quarter-quarter section or 10-acre tract; and the fourth, the quarter-quarter-quarter-quarter section or 2.5-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 the first well measured in the SE1/4 NW1/4 NW1/4 sec. 7, T. 18 S., R. 39 W. (fig. 2).

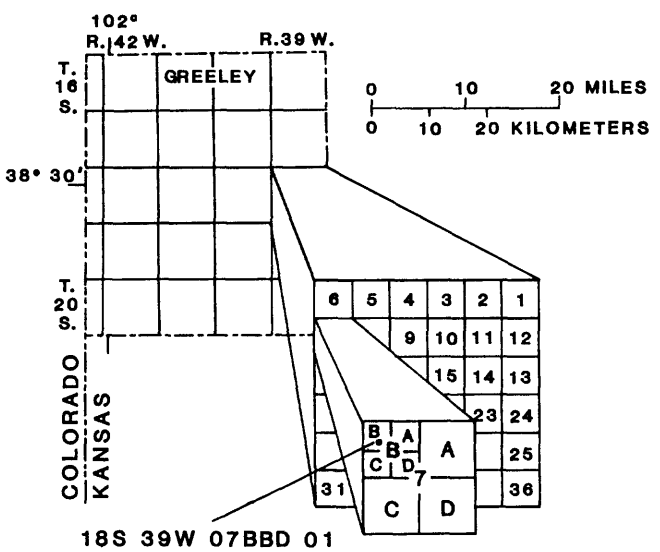


Figure 2.--Well-numbering system.

Letter designations for the geologic units shown in the tables are: 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.

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[1]	Year	Water-Supply Paper number[1]
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		

[1] May be purchased from the U.S. Geological Survey, Books and Open-File Reports, Federal Center, Box 25425, Denver, Colorado 80225.

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[1]	Year	Bulletin number[1]
1956	125	1961	159
1957	131	1962	167
1958	141	1963	173
1959	146	1964	177
1960	153	1965	184

[1] May be purchased from the Publications Sales Office, Kansas Geological Survey, University of Kansas, Lawrence, Kansas 66046.

In addition to the publications previously listed, 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.

_____1986, January 1986 water levels, and data related to water-level changes, western and south-central Kansas: U.S. Geological Survey Open-File Report 86-317, 165 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.

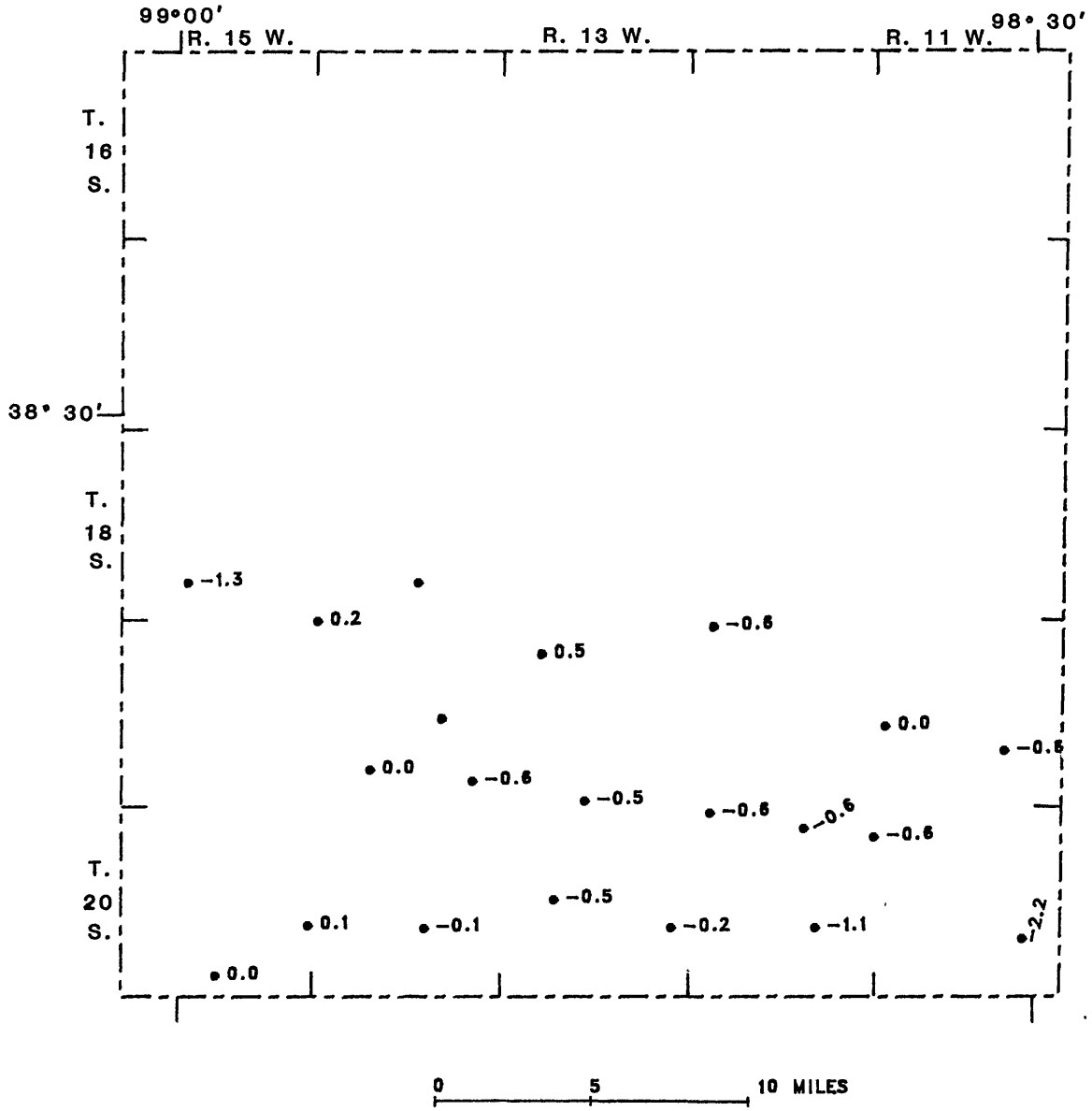
_____1976b, Water-level changes in northwestern Kansas, 1940-76: Kansas Geological Survey Journal, May 1976, 26 p.

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 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)	DEPTH TO WATER 1987 (FEET)
18S 14W 27CDD 01		1896.										45.2
18S 15W 28CCC 03	QA	1912.		9		21.0	18.2	20.7	22.7	22.4	22.2	23.5
19S 11W 19BDD 01		1791.		13						19.6	20.4	20.4
19S 11W 26BDA 01		1772.		7						13.9	12.8	13.4
19S 12W 06ADA 01		1800.								6.7	4.1	4.7
19S 13W 08BAD 01		1855.		11		20.8	17.8	20.4	20.4	20.6	20.4	19.9
19S 13W 33DDB 01	QA	1847.		4	4.4	9.5	7.9	9.8	10.6	9.6	9.0	9.5
19S 14W 06BBB 01		1895.		13		19.1	16.4	19.3	20.6	21.4	20.7	20.5
19S 14W 23BBD 01		1873.										19.5
19S 14W 29DDB 01		1895.		20		27.7	26.9	27.5	28.1	28.7	29.2	29.2
19S 14W 36BBC 01		1868.		8						11.7	11.2	11.8
20S 11W 06CCC 01	QA	1738.	138	9	5.6	10.4	9.5	10.5	11.9	10.9	9.8	10.4
20S 11W 26AAC 01	QU	1752.	112	3	1.6		8.8	10.6	11.0	11.0	7.8	10.0
20S 12W 03DAC 01		1799.	144	2	1.3	7.6	6.7	7.8	8.0		7.0	7.6
20S 12W 06AAC 01	QU	1822.	117	7	5.1	9.6	9.0	9.8	10.0	9.6	9.2	9.8
20S 12W 23CCA 01	QU	1814.	159	11	3.7	15.5	15.1	15.7	16.8	17.8	13.3	14.4
20S 13W 17DDC 01	QU	1876.	126	11	7.2	17.3	14.2	16.3	16.6	17.7	16.3	16.8
20S 13W 24DCB 01	QU	1850.	140	12	9.6	19.8	19.4	20.9	22.0	23.3	20.5	20.7
20S 14W 22DCB 01		1897.	152	6	6.5	14.4	11.6	13.7	14.4	15.0	14.2	14.3
20S 15W 24DBD 01		1915.		10		14.7	11.5	13.8	14.4	14.8	14.6	14.5
20S 15W 33ADD 01		1945.		15						20.3	19.9	19.9

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
18S 14W 27CDD 01		45.2								
18S 15W 28CCC 03	QA	23.5	-15		-1.3	-.3				
19S 11W 19BDD 01		20.4	-7		0.0	-.2				
19S 11W 26BDA 01		13.4	-6		-.6	-.1				
19S 12W 06ADA 01		4.7			-.6					
19S 13W 08BAD 01		19.9	-9		.5	-.2				
19S 13W 33DDB 01	QA	9.5	-6	-5.1	-.5	-.1	-.4			
19S 14W 06BBB 01		20.5	-8		.2	-.2				
19S 14W 23BBD 01		19.5								
19S 14W 29DDB 01		29.2	-9		0.0	-.2				
19S 14W 36BBC 01		11.8	-4		-.6	-.1				
20S 11W 06CCC 01	QA	10.4	-1	-4.8	-.6		-.4	129	128	-1
20S 11W 26AAC 01	QU	10.0	-7	-8.4	-2.2	-.2	-.6	109	102	-6
20S 12W 03DAC 01		7.6	-6	-6.3	-.6	-.1	-.5	142	136	-4
20S 12W 06AAC 01	QU	9.8	-3	-4.7	-.6	-.1	-.4	110	107	-3
20S 12W 23CCA 01	QU	14.4	-3	-10.7	-1.1	-.1	-.8	148	145	-2
20S 13W 17DDC 01	QU	16.8	-6	-9.6	-.5	-.1	-.7	115	109	-5
20S 13W 24DCB 01	QU	20.7	-9	-11.1	-.2	-.2	-.9	128	119	-7
20S 14W 22DCB 01		14.3	-8	-7.8	-.1	-.2	-.6	146	138	-5
20S 15W 24DBD 01		14.5	-5		.1	-.1				
20S 15W 33ADD 01		19.9	-5		0.0	-.1				



WATER–LEVEL CHANGE IN BARTON COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
01S 38W 02CDC 01	QA	3034.	41	23	22.6	24.3	23.6	23.6	24.3	24.1	24.1	24.2
01S 38W 08DCC 01	QA	3057.	33	12	12.3	13.7	13.3	13.3	13.9	13.9	13.4	13.6
01S 38W 30BDC 01	QA	3090.	28	7	8.0	9.8	8.6	8.5	8.8	9.1	9.1	9.6
01S 39W 25CBC 01	QA	3102.	26	7	8.5	10.2	9.8	9.3	9.6	9.7	9.5	10.2
02S 37W 33DCC 01		3420.								215.9	212.7	213.3
02S 39W 27BBB 01	QA	3235.	28	18	17.8	19.0	16.8	18.0	17.9	17.7	17.9	18.2
02S 40W 28DBA 01	TO	3452.	140	112	112.5	113.5	112.0	110.9	112.3	112.1	116.5	115.8
02S 40W 32BCB 01	TO	3492.								130.6	130.5	130.4
02S 41W 27BBD 01	TO	3620.	242	200	198.6	201.0		200.5		207.5	200.8	207.4
02S 41W 33DBC 01	TO	3650.	288	235	235.2		237.7	236.8	236.8	238.5	236.5	236.3
03S 37W 19BBC 01	TO	3468.	325	215	219.8	228.8	229.2	229.3	230.5	228.5	229.7	230.2
03S 37W 21DDD 01	TO	3422.	312	194		218.2	218.7	222.7	218.5		218.3	218.6
03S 37W 36ADB 01	TO	3381.	300	175	182.0	201.4	200.9	199.1	200.0	201.2	199.9	201.7
03S 38W 04BCC 01	TO	3479.								230.7	217.9	217.9
03S 38W 21BCB 01	TO	3512.								237.0	240.1	240.1
03S 38W 25BBB 01		3479.								226.7	227.0	227.2
03S 39W 04CCC 01	TO	3351.								67.5	65.6	66.4
03S 39W 20DAC 01	TO	3450.	199	130	140.4	141.8	141.2	139.3	144.1	143.2	140.2	140.2
03S 39W 24DDD 01	TO	3505.	275	205		220.0	220.6	220.3	220.7	221.5	221.5	222.0
03S 39W 32BDB 01	TO	3490.	223	150	153.6	154.2	153.4	153.4	153.5	154.5	153.5	153.6
03S 40W 09BAA 02	QA,TO	3358.	22	20	19.9	20.5		20.1	20.6	20.4	19.9	19.9
03S 40W 35AAC 01	TO	3445.	144	95	96.1	101.2	100.6	99.5	98.8	98.5	97.9	96.6
03S 41W 33ABB 01		3594.	184	164		173.5	164.7	164.8	165.4	164.1	163.5	165.0
03S 42W 04AAA 01	TO	3727.	255	230		231.1	231.2	230.8	231.0	231.0	231.3	230.9
03S 42W 26CCD 01		3702.								206.2	205.2	205.0
04S 37W 17AAC 01	TO	3446.	325	187	187.9		196.5	195.9	195.7	196.3	197.3	197.5
04S 37W 25DCA 01	TO	3374.	284	147	141.5	151.1	151.7	151.4	151.1	151.2	151.9	151.8
04S 38W 04BAC 01	TO	3509.	327	207	207.0	215.4	216.5	216.6	216.9	217.7	218.6	218.9
04S 38W 20CCC 01	TO	3485.	297	151	149.5	155.6	155.9	156.2	156.6	156.9	157.0	157.2
04S 38W 21ADC 01	TO	3491.	316	178	188.0	185.9	185.1	184.3	184.8	185.1	185.4	185.9
04S 40W 22BCB 01	TO	3520.	215	123	123.9	125.2	126.7	125.2	125.0	124.9	124.6	124.3
04S 41W 16DAA 01	QA	3403.	38	13	14.2	15.8	15.4	15.0	15.3	15.2	15.5	15.6
04S 41W 23AAA 01		3526.								121.0	120.9	120.5
04S 41W 25BCB 01	TO	3571.	211	141	139.6	142.1	142.4			142.7	142.8	142.8
04S 41W 31ACA 01	TO	3552.	142	94	94.0	98.7	98.4	96.9	98.3	96.0	96.6	96.4
04S 42W 02BCC 01		3704.								213.4	213.1	214.6
04S 42W 16CCD 01		3590.									87.4	86.2
05S 37W 15DBB 01	TO	3397.	297	137	136.4	152.1	151.1	148.5	149.3	150.1	150.1	145.7
05S 38W 13BAD 01	TO	3390.	220	74	72.5	77.5	77.8	77.9	77.7	77.9	78.1	78.7
05S 38W 22ACB 01	TO	3437.	270	90	90.6	97.6	95.6	94.4	98.1	97.7	97.7	97.8

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

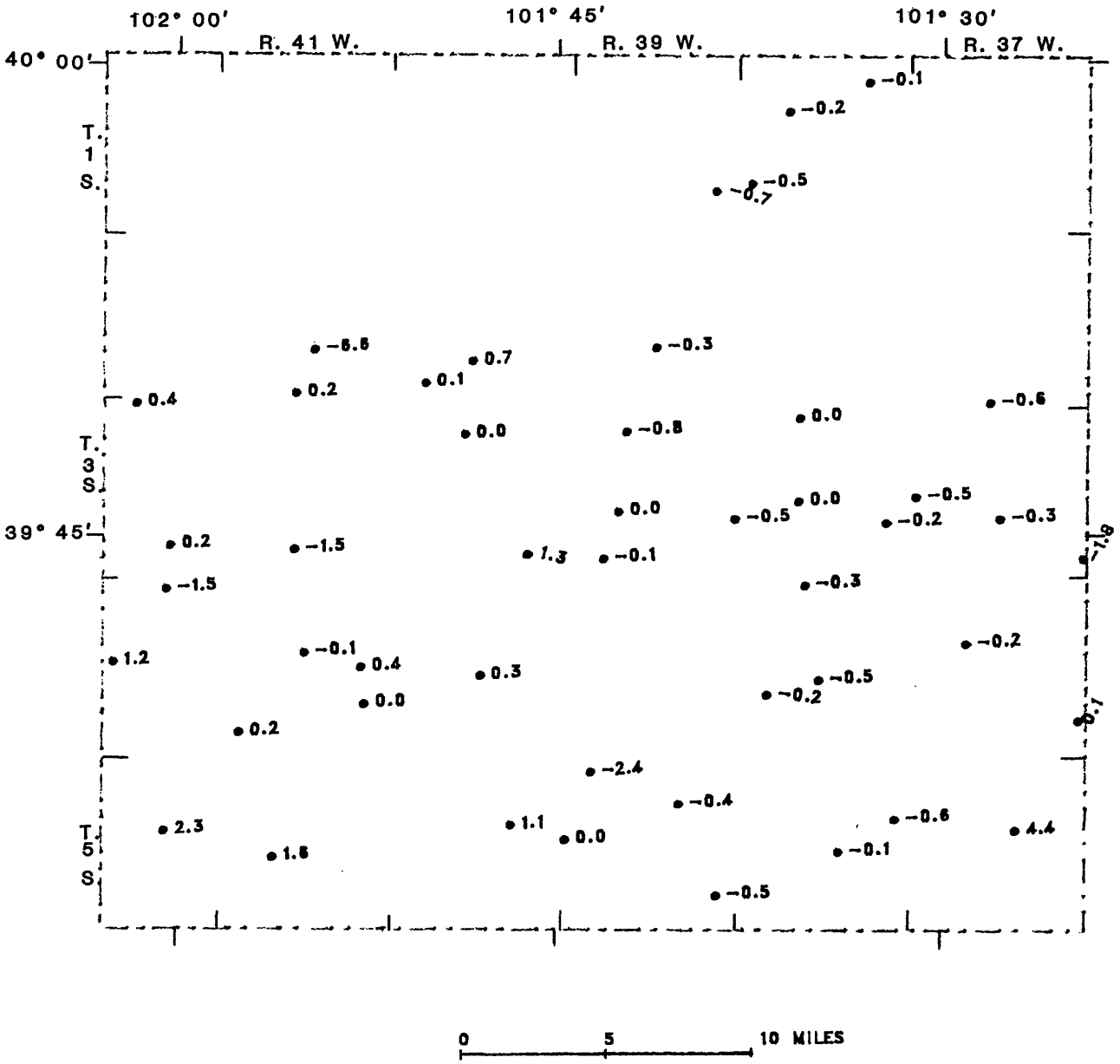
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
05S 39W 06DAA 01						208.6	209.7	210.2	210.8	211.4	212.1	214.5
05S 39W 11CBC 01	TO	3530.	291	140	140.1	152.6	149.0	149.2		151.1	150.1	150.5
05S 39W 18CCC 01	TO	3630.	325	185		216.1	218.1	214.7	212.9	220.0	218.9	218.9
05S 39W 25CDA 01	TO	3533.	295	127	125.0	132.1	132.3	132.5	132.6	133.1	132.1	132.6
05S 40W 14BCD 01	TO	3645.	325	187			222.4	221.5	222.1	221.4	221.9	220.8
05S 41W 20DAA 01	TO	3742.	309	207	211.6	225.4	227.8	228.0	224.1	227.7	227.4	225.8
05S 42W 14CBC 01	TO	3687.	215	145	147.5	153.6	155.8	154.4	155.6	156.5	156.1	153.8

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
01S 38W 02CDC 01	QA	24.2	-1	-1.6	-.1		-.1	18	17	-6
01S 38W 08DCC 01	QA	13.6	-2	-1.3	-.2	-.1	-.1	21	19	-10
01S 38W 30BDC 01	QA	9.6	-3	-1.6	-.5	-.1	-.1	21	18	-14
01S 39W 25CBC 01	QA	10.2	-3	-1.6	-.7	-.1	-.1	19	16	-16
02S 37W 33DCC 01		213.3			-.6					
02S 39W 27BBB 01	QA	18.2		-.4	-.3			10	10	
02S 40W 28DBA 01	TO	115.8	-4	-3.2	.7	-.1	-.2	28	24	-14
02S 40W 32BCB 01	TO	130.4			.1					
02S 41W 27BBD 01	TO	207.4	-7	-8.8	-6.6	-.2	-.4	42	35	-17
02S 41W 33DBC 01	TO	236.3	-1	-1.1	.2		-.1	53	52	-2
03S 37W 19BBC 01	TO	230.2	-15	-10.3	-.5	-.4	-.5	110	95	-14
03S 37W 21DDD 01	TO	218.6	-25		-.3	-.7		118	93	-21
03S 37W 36ADB 01	TO	201.7	-27	-19.6	-1.8	-.7	-.9	125	98	-22
03S 38W 04BCC 01	TO	217.9			0.0					
03S 38W 21BCB 01	TO	240.1			0.0					
03S 38W 25BBB 01		227.2			-.2					
03S 39W 04CCC 01	TO	66.4			-.8					
03S 39W 20DAC 01	TO	140.2	-10	.3	0.0	-.3		69	59	-14
03S 39W 24DDD 01	TO	222.0	-17		-.5	-.5		70	53	-24
03S 39W 32BDB 01	TO	153.6	-4		-.1	-.1		73	69	-5
03S 40W 09BAA 02	QA,TO	19.9			0.0			2	2	
03S 40W 35AAC 01	TO	96.6	-2	-.4	1.3	-.1		49	47	-4
03S 41W 33ABB 01		165.0	-1		-1.5			20	19	-5
03S 42W 04AAA 01	TO	230.9	-1		.4			25	24	-4
03S 42W 26CCD 01		205.0			.2					
04S 37W 17AAC 01	TO	197.5	-11	-9.6	-.2	-.3	-.5	138	128	-7
04S 37W 25DCA 01	TO	151.8	-5	-10.3	.1	-.1	-.5	137	132	-4
04S 38W 04BAC 01	TO	218.9	-12	-11.9	-.3	-.3	-.6	120	108	-10
04S 38W 20CCC 01	TO	157.2	-6	-7.6	-.2	-.2	-.4	146	140	-4
04S 38W 21ADC 01	TO	185.9	-8	2.1	-.5	-.2	.1	138	130	-6
04S 40W 22BCB 01	TO	124.3	-1	-.4	.3			92	91	-1
04S 41W 16DAA 01	QA	15.6	-3	-1.4	-.1	-.1	-.1	25	22	-12
04S 41W 23AAA 01		120.5			.4					
04S 41W 25BCB 01	TO	142.8	-2	-3.2	0.0	-.1	-.2	70	68	-3
04S 41W 31ACA 01	TO	96.4	-2	-2.4	.2	-.1	-.1	48	46	-4
04S 42W 02BCC 01		214.6			-1.5					
04S 42W 16CCD 01		86.2			1.2					
05S 37W 15DBB 01	TO	145.7	-9	-9.3	4.4	-.2	-.4	160	151	-6
05S 38W 13BAD 01	TO	78.7	-5	-6.1	-.6	-.1	-.3	146	141	-3
05S 38W 22ACB 01	TO	97.8	-8	-7.2	-.1	-.2	-.3	180	172	-4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
05S 39W 06DAA 01		214.5			-2.4					
05S 39W 11CBC 01	TO	150.5	-11	-10.4	-.4	-.3	-.5	151	141	-7
05S 39W 18CCC 01	TO	218.9	-34		0.0	-.9		14C	106	-24
05S 39W 25CDA 01	TO	132.6	-6	-7.6	-.5	-.2	-.4	168	162	-4
05S 40W 14BCD 01	TO	220.8	-34		1.1	-.9		138	104	-25
05S 41W 20DAA 01	TO	225.8	-19	-14.1	1.6	-.5	-.7	102	83	-19
05S 42W 14CBC 01	TO	153.8	-9	-6.3	2.3	-.2	-.3	70	61	-13



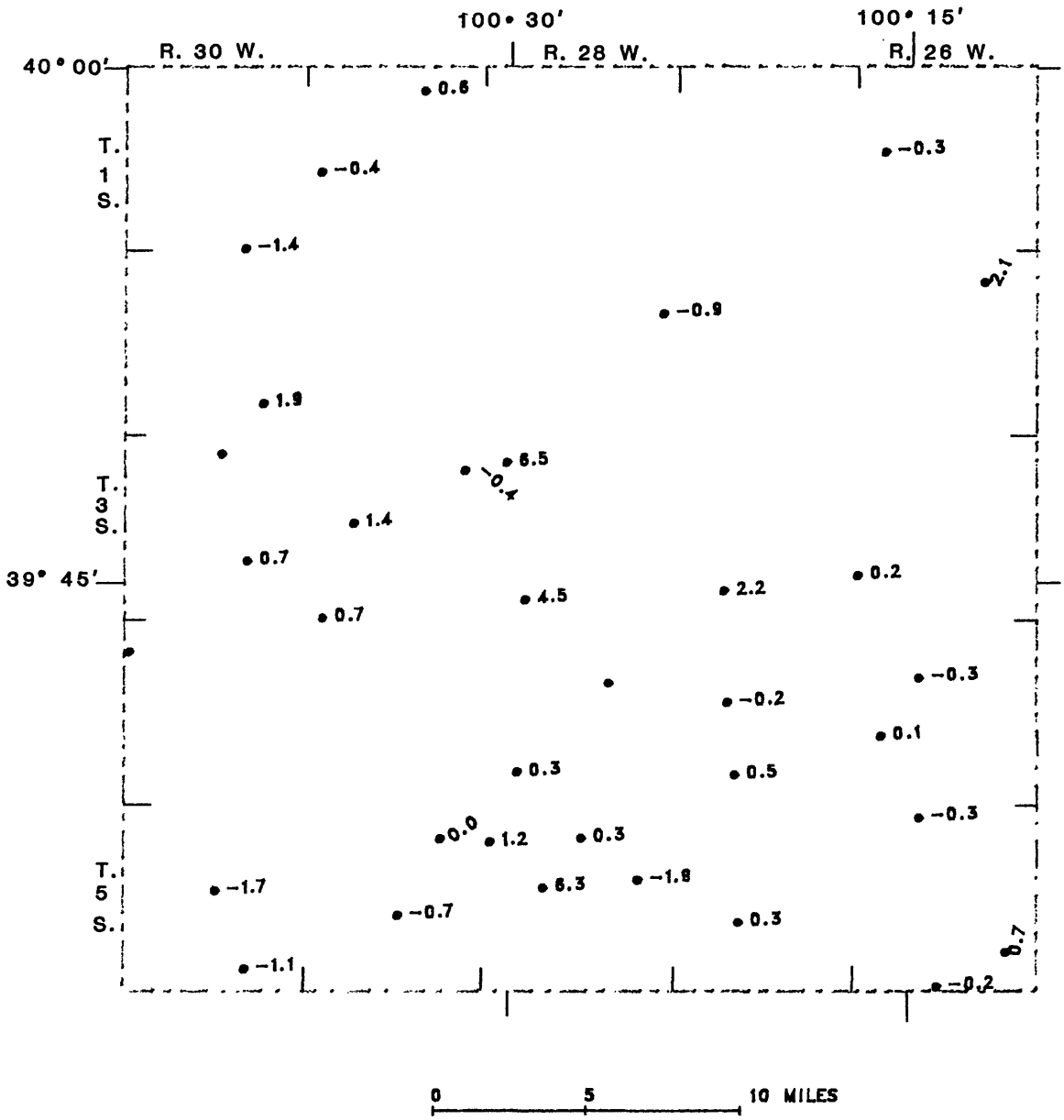
WATER–LEVEL CHANGE IN CHEYENNE COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, DECATUR 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 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)	DEPTH TO WATER 1987 (FEET)
01S 26W 18DDB 01	QA	2413.	59	28	26.4	31.5	31.7	30.4		26.8	27.8	28.1
01S 29W 03DDB 01	QA	2539.	45	23	23.0	31.6		30.4		28.8	28.6	28.0
01S 29W 19BDD 01	QA	2572.	53	10	10.9	24.1	23.0	21.4	18.1	17.2	17.0	17.4
01S 30W 34DDD 01	QA	2610.	60	20	21.5	35.1	32.8	27.4	26.2	25.8	26.1	27.5
02S 26W 11BBA 01	TO	2509.	110	85	87.3	85.2	86.1	86.1	86.3	86.2	87.8	85.7
02S 28W 13ABA 01		2487.	58	27	26.2	29.9	30.3	27.9	26.3	26.6	28.2	29.1
02S 30W 26DCC 01	TO	2835.	226	125		137.2	136.7		135.8		135.9	134.0
03S 26W 30CBB 02	TO	2610.	142	119	119.4	126.0	125.9	125.0	125.9	125.8	125.5	125.3
03S 27W 32ABA 01	TO	2637.	120	74	74.8		73.0	73.0	73.4	72.6	72.1	69.9
03S 28W 06DCB 01	QA	2571.	55	34	25.6	44.9	46.3	47.5		37.7	37.1	30.6
03S 28W 32BCA 01	TO	2749.	180	133	133.6	142.7	142.2			130.6	135.3	130.8
03S 29W 12BBA 01	QA	2556.	55	26	24.9	31.8	31.5	28.4	25.3	24.4	25.0	25.4
03S 29W 17DCB 01	QA,TC	2587.	50	19	20.0	24.6	24.3	22.3	21.8	21.9	21.8	20.4
03S 29W 31DCC 01	QA	2633.	38	20	20.3	26.9	26.9	25.5	25.3	24.4	24.1	23.4
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		10.3	5.8		6.7	4.8	4.1
04S 26W 08DDD 01	QA	2455.	70	26	28.7	31.9	30.1	29.7	30.4	31.7	29.4	29.7
04S 26W 19DCA 01	QA	2464.	37	14	14.0	17.2	20.7	17.0		17.5	16.2	16.1
04S 27W 17DAC 01	TO	2648.	162	105	103.8	105.2		105.7		105.5	103.6	103.8
04S 27W 33BBB 01	QA	2528.	54	13	16.0	19.5	18.7	19.0	19.2	18.3	17.9	17.4
04S 28W 15AAA 01	TO	2700.	130	92	94.1	92.2						
04S 28W 30DDD 01	TO	2726.	110	92	92.7	91.2		92.6	91.9	91.0	90.9	90.6
04S 30W 07BBB 01	QA	2697.	21	7	7.3	15.3	12.6	12.1		12.1		12.0
05S 26W 05ADD 01	TO	2607.	170	128	128.9	127.6	127.8	128.2	127.8	127.7	126.9	127.2
05S 26W 26DDA 01	QA	2437.	74	26	22.4	23.6	23.4	23.1	24.1	23.6	23.8	23.1
05S 26W 33DCC 01	QA	2475.	60	20	18.2	18.9	19.8	19.4	19.3	18.6	18.3	18.5
05S 27W 21CCA 01	TO	2675.		103	104.2	98.7	103.8				103.6	103.3
05S 28W 07BBC 01	QA	2644.	52	19	19.9	20.0	20.5	21.2	20.4	20.1	19.1	17.9
05S 28W 10BBB 01	QA	2600.	47	12	8.0	10.9	10.0	9.6	9.0	8.8	9.0	8.7
05S 28W 14ADD 01	TO	2723.	160	133	135.0	134.5	134.5	137.5	136.0	133.9	133.9	135.8
05S 28W 17DAC 01	TO	2734.	124	102	102.3	101.7				102.0	101.9	95.6
05S 29W 11BAA 01	QA	2670.	42	10	12.3	13.1	13.0	12.7	12.6	12.5	12.6	12.6
05S 29W 22CBB 01	QA	2686.	46	11	12.6	15.8	14.3	14.1	13.1	13.8	12.4	13.1
05S 30W 15CCB 01		2878.								95.1	97.3	99.0
05S 30W 35BCB 01	TO	2891.	200	112	111.6			119.6	118.9	119.3	124.7	125.8

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
01S 26W 18DDB 01	QA	28.1		-1.6	-.3		-.1	31	31	
01S 29W 03DDB 01	QA	28.0	-5	-4.9	.6	-.1	-.2	22	17	-23
01S 29W 19BDD 01	QA	17.4	-7	-6.4	-.4	-.2	-.3	43	36	-16
01S 30W 34DDD 01	QA	27.5	-8	-6.0	-1.4	-.2	-.3	40	33	-18
02S 26W 11BBA 01	TO	85.7	-1	1.7	2.1		.1	25	24	-4
02S 28W 13ABA 01		29.1	-2	-2.9	-.9	-.1	-.1	31	29	-6
02S 30W 26DCC 01	TO	134.0	-9		1.9	-.2		101	92	-9
03S 26W 30CBB 02	TO	125.3	-6	-5.9	.2	-.2	-.3	23	17	-26
03S 27W 32ABA 01	TO	69.9	4	4.9	2.2	.1	.2	46	50	9
03S 28W 06DCB 01	QA	30.6	3	-5.0	6.5	.1	-.2	21	24	14
03S 28W 32BCA 01	TO	130.8	2	2.9	4.5	.1	.1	47	49	4
03S 29W 12BBA 01	QA	25.4	1	-.5	-.4			29	30	3
03S 29W 17DCB 01	QA,TO	20.4	-1	-.4	1.4			31	30	-3
03S 29W 31DCC 01	QA	23.4	-3	-3.1	.7	-.1	-.1	18	15	-17
03S 30W 03CBA 01	TO									
03S 30W 26BBB 01	QA	4.1	3	6.1	.7	.1	.3	42	45	7
04S 26W 08DDD 01	QA	29.7	-4	-1.0	-.3	-.1		44	40	-9
04S 26W 19DCA 01	QA	16.1	-2	-2.0	.1	-.1	-.1	23	21	-9
04S 27W 17DAC 01	TO	103.8	1		-.2			57	58	2
04S 27W 33BBB 01	QA	17.4	-4	-1.3	.5	-.1	-.1	41	37	-10
04S 28W 15AAA 01	TO									
04S 28W 30DDD 01	TO	90.6	1	2.1	.3		.1	18	19	6
04S 30W 07BBB 01	QA	12.0	-5	-4.6		-.1	-.2	14	9	-36
05S 26W 05ADD 01	TO	127.2	1	1.7	-.3		.1	42	43	2
05S 26W 26DDA 01	QA	23.1	3	-.7	.7	.1		48	51	6
05S 26W 33DCC 01	QA	18.5	2	-.3	-.2	.1		40	42	5
05S 27W 21CCA 01	TO	103.3		.9	.3					
05S 28W 07BBC 01	QA	17.9	1	2.0	1.2		.1	33	34	3
05S 28W 10BBB 01	QA	8.7	3	-.7	.3	.1		35	38	9
05S 28W 14ADD 01	TO	135.8	-3	-.7	-1.9	-.1		27	24	-11
05S 28W 17DAC 01	TO	95.6	6	6.7	6.3	.2	.3	22	28	27
05S 29W 11BAA 01	QA	12.6	-3	-.2	0.0	-.1		32	29	-9
05S 29W 22CBB 01	QA	13.1	-2	-.5	-.7	-.1		35	33	-6
05S 30W 15CCB 01		99.0			-1.7					
05S 30W 35BCB 01	TO	125.8	-14	-14.2	-1.1	-.4	-.7	88	74	-16



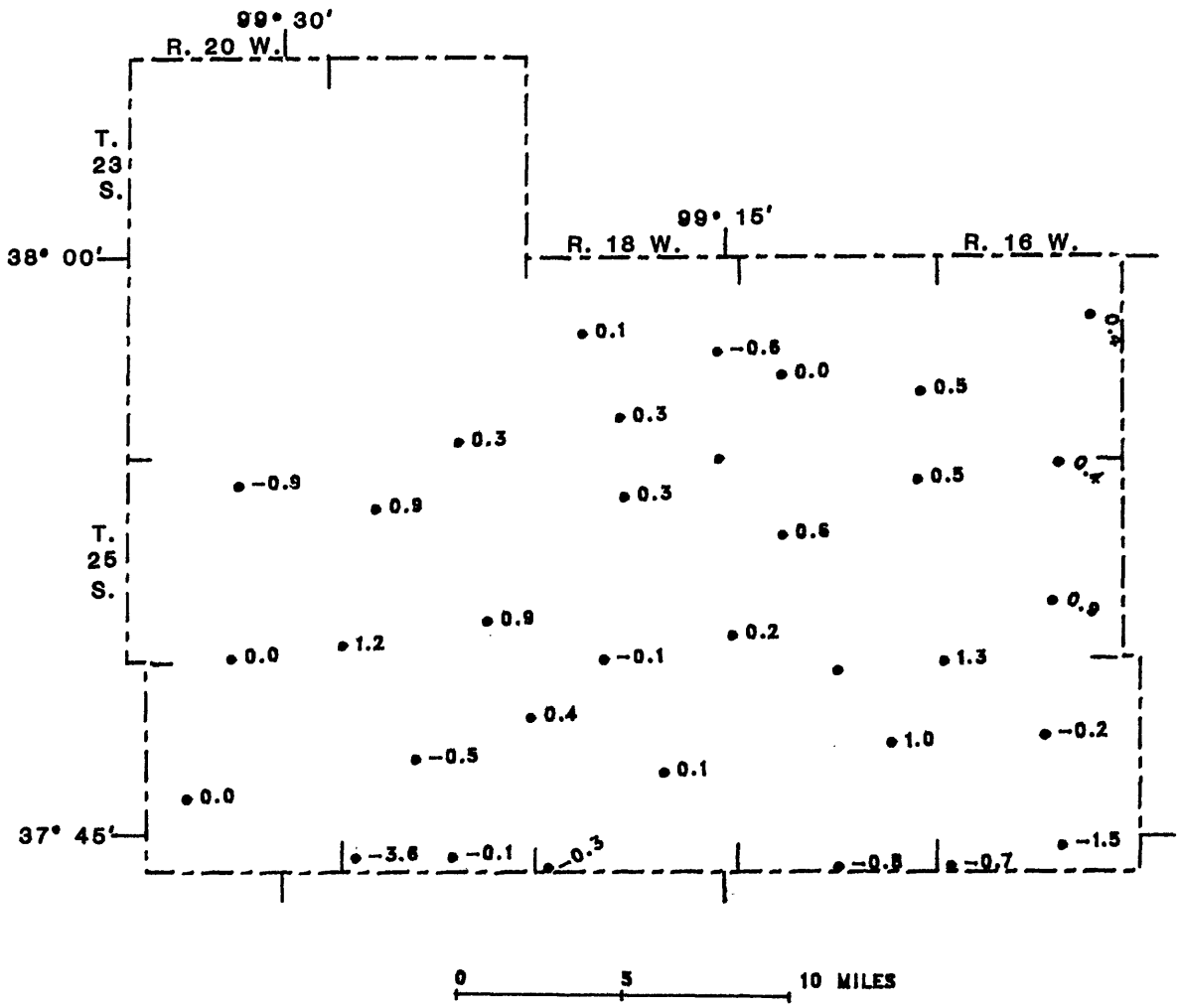
WATER–LEVEL CHANGE IN DECATUR COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, EDWARDS 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 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)	DEPTH TO WATER 1987 (FEET)
24S 16W 12CBC 01	QU	2055.	130	5	9.2	19.9	20.8	23.0	23.1	24.9	24.4	24.0
24S 17W 20ADC 01	QU	2126.	121	3	15.8	24.8	25.7	26.8	26.9	27.9	28.6	28.6
24S 17S 24DDD 01	QU	2100.	170	15	13.3	24.0	24.9	25.1	25.0	29.4	30.0	29.5
24S 18W 13DAC 01		2130.	115								28.1	28.7
24S 18W 17ABD 01	QU	2147.	92	27	18.8	28.1	27.7	28.7	28.7	30.1	29.8	29.7
24S 18W 28DAC 01	QU	2158.	98	25	16.6	29.2	33.1	36.8	31.2	32.6	34.1	33.8
24S 18W 36DDC 01	QU	2149.	119	28	24.2	33.7	34.9	36.3	36.7	38.3	38.3	
24S 19W 34ADD 01	QA	2160.		8	7.0	10.0	9.2	9.6	9.2	8.8	8.9	8.6
25S 16W 02BBB 01	QU	2069.	184	6	6.6	19.7	21.1	23.2	23.8	25.0	25.3	24.9
25S 16W 27AAC 01	QU	2063.	188	3	6.1	14.4	14.8	15.0	16.4	16.9	17.7	16.8
25S 16W 31DCC 01	TO						17.1	18.3	19.1	20.7	20.6	19.3
25S 17W 01DAB 01	QU	2102.	162	12	8.8	21.4	22.2	24.4	25.0	26.6	27.1	26.6
25S 17W 17AAC 01	QU	2129.	74	14	14.4	25.2	25.7	27.9	28.2	28.6	30.1	29.5
25S 17W 31BBD 01	QU	2148.	178	22	11.1	20.9	21.4		22.4		24.2	24.0
25S 18W 09AAA 01	QU	2161.	131	21	15.6	24.7	26.0	26.9	27.7	29.1	29.6	29.3
25S 18W 33CDC 01	QU	2182.	172	29	23.2	26.4	27.1	28.2	28.9	28.0	30.5	30.6
25S 19W 08BDD 01										6.1	6.6	5.7
25S 19W 26DDB 01	QU	2206.	146	31	30.1	35.1	35.0	36.3	36.2	37.4	38.8	37.9
25S 19W 31CAB 01	QU	2220.		17	15.2	18.8	18.5	18.1		20.0	19.5	18.3
25S 20W 03BCD 01		2237.								29.5	28.0	28.9
25S 20W 34CCC 01		2219.									8.2	8.2
26S 16W 10CCC 01	QU	2065.	220	5	3.8	8.3	8.5	9.5	9.5	11.2	9.6	9.8
26S 16W 31CCA 01	QU	2110.	285	25	19.6	30.2	30.1	32.1	31.7	32.7	31.4	32.1
26S 16W 34ABC 01	QU	2079.	289	25	6.8	19.4	20.3	22.5	22.1	23.4	21.3	22.8
26S 17W 04AAC 01	QU	2146.	216	44		24.2	24.5	28.8		39.3	43.4	
26S 17W 14BAA 01	QU	2109.	194	16	20.7	22.7	22.2	22.4	24.0	24.4	25.6	24.6
26S 17W 33DDB 01	QU	2127.	227	22	12.4	20.7	21.7	23.3	23.1	23.9	22.7	23.5
26S 18W 15DCB 01	QU	2174.	229	33	22.0	26.0	27.0	28.2	28.8	30.3	30.5	30.4
26S 18W 31CCC 01		2215.	195	47	33.6	40.5	42.2	43.1	43.4	45.1	45.5	45.8
26S 19W 12ABB 02		2210.	155	38		38.3	46.4	48.4	49.1	52.1	50.3	49.9
26S 19W 16BCB 01	QU	2231.	176	35	29.4	33.9	34.6	35.6	35.6	37.2	37.8	38.3
26S 19W 31BAC 01		2257.	187								40.2	43.8
26S 19W 34BBD 01	QU	2232.	187	36	30.8	33.8	35.1	35.9	36.6	37.7	38.1	38.2
26S 20W 20BBC 01		2251.		19						23.5	11.4	11.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
24S 16W 12CBC 01	QU	24.0	-19	-14.8	.4	-.5	-.7	125	106	-15
24S 17W 20ADC 01	QU	28.6	-26	-12.8	0.0	-.7	-.6	118	92	-22
24S 17W 24DDD 01	QU	29.5	-15	-16.2	.5	-.4	-.8	155	141	-9
24S 18W 13DAC 01		28.7			-.6				86	
24S 18W 17ABD 01	QU	29.7	-3	-10.9	.1	-.1	-.5	65	62	-5
24S 18W 28DAC 01	QU	33.8	-9	-17.2	.3	-.2	-.8	73	64	-12
24S 18W 36DDC 01	QU									
24S 19W 34ADD 01	QA	8.6	-1	-1.5	.3		-.1			
25S 16W 02BBB 01	QU	24.9	-19	-18.2	.4	-.5	-.9	178	159	-11
25S 16W 27AAC 01	QU	16.8	-14	-10.7	.9	-.4	-.5	185	171	-8
25S 16W 31DCC 01	TO	19.3			1.3					
25S 17W 01DAB 01	QU	26.6	-15	-17.8	.5	-.4	-.8	150	135	-10
25S 17W 17AAC 01	QU	29.5	-16	-15.1	.6	-.4	-.7	60	45	-25
25S 17W 31BBD 01	QU	24.0	-2	-12.9	.2	-.1	-.6	156	154	-1
25S 18W 09AAA 01	QU	29.3	-8	-13.7	.3	-.2	-.7	110	102	-7
25S 18W 33CDC 01	QU	30.6	-2	-7.4	-.1	-.1	-.4	143	141	-1
25S 19W 08BDD 01		5.7			.9					
25S 19W 26DDB 01	QU	37.9	-7	-7.8	.9	-.2	-.4	115	108	-6
25S 19W 31CAB 01	QU	18.3	-1	-3.1	1.2		-.1			
25S 20W 03BCD 01		28.9			-.9					
25S 20W 34CCC 01		8.2			0.0					
26S 16W 10CCC 01	QU	9.8	-5	-6.0	-.2	-.1	-.3	215	210	-2
26S 16W 31CCA 01	QU	32.1	-7	-12.5	-.7	-.2	-.6	260	253	-3
26S 16W 34ABC 01	QU	22.8	2	-16.0	-1.5	.1	-.8	264	266	1
26S 17W 04AAC 01	QU									
26S 17W 14BAA 01	QU	24.6	-9	-3.9	1.0	-.2	-.2	178	169	-5
26S 17W 33DDB 01	QU	23.5	-2	-11.1	-.8	-.1	-.5	205	204	
26S 18W 15DCB 01	QU	30.4	3	-8.4	.1	.1	-.4	196	199	2
26S 18W 31CCC 01		45.8	1	-12.2	-.3		-.6	148	149	1
26S 19W 12ABB 02		49.9	-12		.4	-.3		117	105	-10
26S 19W 16BCB 01	QU	38.3	-3	-8.9	-.5	-.1	-.4	141	138	-2
26S 19W 31BAC 01		43.8			-3.6				143	
26S 19W 34BBD 01	QU	38.2	-2	-7.4	-.1	-.1	-.4	151	149	-1
26S 20W 20BBC 01		11.4	8		0.0	.2				



WATER–LEVEL CHANGE IN EDWARDS COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC 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 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)	DEPTH TO WATER 1987 (FEET)
21S 29W 36CCB 01	QA	2611.	23	17	17.7	22.1		23.1	22.0	21.6		
21S 30W 05BBB 01	QU,TC	2863.	78	35	28.6	39.4	39.2		38.1	37.5	36.7	38.3
21S 31W 08ABB 01	QU,TC	2903.	73	55	48.5	47.6		47.2	47.4			47.8
21S 31W 26CCC 01	QU,TO	2900.		75						73.8	73.9	74.2
21S 32W 08ABD 01	QU	2910.	150	36	41.3		92.7	95.8	97.2	100.3	100.6	103.8
21S 32W 20CBD 01	QU,TC	2898.	200	31	45.1	91.4	90.7	95.6		97.6	98.4	
21S 32W 26DAA 01	QU,TC	2946.	171	96	98.8		104.6	106.9	105.6	107.0	105.7	107.3
21S 33W 07DDAAC1	QU	2918.	95	33	48.3	72.0	73.4	74.4	76.3	77.2	79.2	80.0
21S 33W 29BBC 01		2891.	106	16						79.1	79.7	81.4
21S 34W 14DBB 01	KN	2947.	97	56	69.0		106.9	112.8	105.5	103.6	101.7	104.2
21S 34W 16AADA02	QU,TC	2981.	120	80	95.3	92.8	92.8	93.0	94.7	92.8	93.2	93.0
22S 27W 14ADC 01	KJ	2458.				186.4	181.3	180.5	180.9	179.4	181.4	177.3
22S 31W 08CCC 01		2911.	171	81						99.7	98.2	99.0
22S 31W 16ADD 01	QU,TC	2904.	181	84	85.5	107.6	103.0	104.3	103.4	104.9	105.5	107.0
22S 31W 29DCC 01		2904.		85						108.2	105.5	
22S 32W 08ACB 01	QU,TC	2884.	224	33	40.0	76.4	79.6	83.1	84.3	85.9	87.5	90.4
22S 32W 21CDC 01	QU,TC	2903.	198	58	66.4	114.2	114.6	118.3	120.8	123.2	123.8	128.0
22S 33W 22BAA 01	QU,TC	2900.	190	40	47.1		89.4	96.1	94.8	98.6	105.8	114.3
22S 33W 36AAA 02	QU,TC	2860.	200	14	21.5		70.0	71.9	70.0	66.7	62.9	63.1
22S 34W 08BCB 01	KN	2987.	132	87	108.9	131.8	132.2	132.7	135.8	133.4	132.8	134.1
22S 34W 10AAA 01	QU,TO	2933.	153	43	59.2	109.8	107.7	107.8	110.3	112.0	110.7	107.9
22S 34W 18CDD 01		2984.	234	67						148.3	147.9	149.5
22S 34W 26CCC 01		2939.									165.4	167.7
23S 27W 12CCC 01	QU,TC	2618.	72	59	62.5	61.1	60.8	60.9	60.3	60.6	60.6	60.8
23S 27W 22DAB 01	QU,TC	2654.		82		89.0	80.9	81.7	81.1	86.0	80.5	81.4
23S 28W 22DCD 01	QU,TC	2729.		74		74.7	74.1	75.2	74.8	75.0	75.0	75.1
23S 28W 34DDC 01	QU,TC	2738.		76		91.7	91.8	91.4	91.3	92.0	92.5	92.1
23S 29W 30BBB 01	QU,TO	2794.		75			77.8	78.2	78.1	78.2	78.5	78.8
23S 29W 34CDD 01	TO	2772.	147	84	84.0	89.3	88.9	90.0	89.3	90.2	90.3	90.5
23S 30W 04CAC 01	QU,TC	2846.		65		66.8	66.4	66.7	68.3	67.5	67.6	68.2
23S 30W 19CCB 01	QU,TO	2862.	142	89	82.2	85.0	85.3	86.0	86.3	86.9	87.4	87.9
23S 31W 03DCD 01	QU,TC	2877.	167	72	83.0		101.7	105.4		105.7	107.3	107.8
23S 31W 17ABA 01		2900.	210	90						106.3	107.3	108.5
23S 31W 35CCC 01	QU,TO	2875.	200	95	96.7	110.6	111.2	112.4		113.7	114.6	116.5
23S 32W 11ADC 01	QU,TO	2937.	242	117	122.7	142.2	143.7	145.5	145.8	146.7	147.9	149.8
23S 32W 31CBD 01	QU,TC	2876.	324	41	49.4	101.6	99.3	106.9	99.1	94.5		90.2
23S 33W 17BBB 01	QU,TO	2904.	340	26	60.3	147.7	143.9	155.5	153.4	150.6	144.8	150.4
23S 33W 26ABB 01	QU,TO	2890.	327	42	50.4		117.3		118.8	114.7	105.6	109.4
23S 33W 28CDC 01	QU,TO	2904.	339	46	61.2	140.3		151.1	127.2	118.5	109.6	111.6
23S 34W 17CCC 01	QU,TC	2974.	349	46	70.0	152.4	153.3	160.9	159.3	153.2	138.3	141.6

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

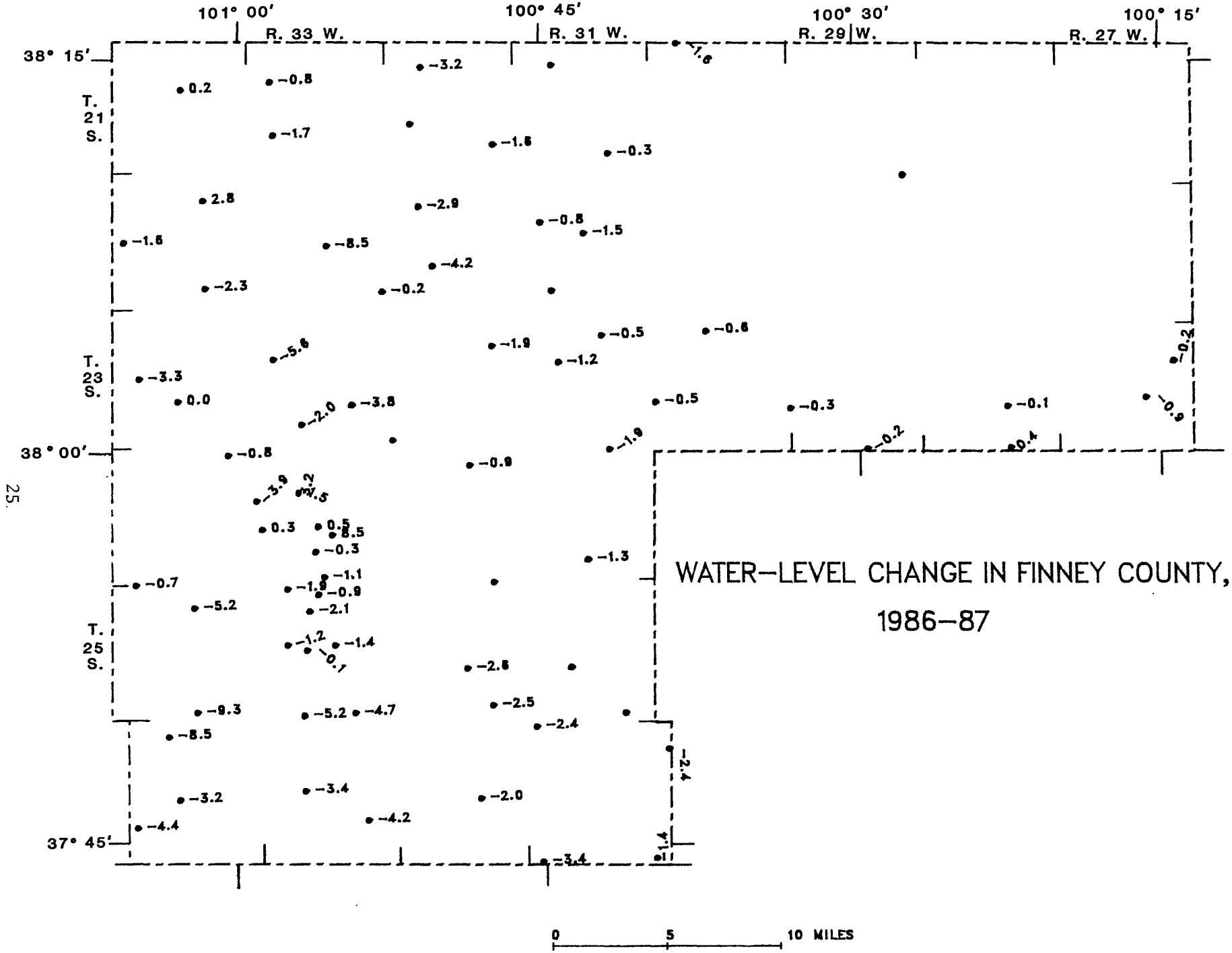
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
23S 34W 21DDC 01	QU,TO	2961.	356	41	71.6	147.5	149.4	153.5	151.5	141.9	129.8	129.8
24S 31W 27CCB 01	QU,TO	2883.	295	114	119.5	129.0	132.2	128.6	129.9	131.0	130.0	131.3
24S 32W 03DAC 01	QU,TO	2881.	299	70	80.9	103.6	104.9	106.6	107.8	109.7	110.0	110.9
24S 32W 35DD 01	QU,TO	2811.	256	21	27.2	41.1	44.2					
24S 33W 09CCD 01	QU	2865.	355	11		66.4	69.0	75.1	72.7	66.7	56.9	53.7
24S 33W 09CCD 02		2865.				36.4	37.2	37.7	36.2	27.5	16.5	15.0
24S 33W 09CCD 03	KN	2865.				64.7	66.4	72.6	71.4	71.3	62.7	63.5
24S 33W 18BDB 02		2878.	338	8		51.9	54.2		93.0	94.2	67.4	71.3
24S 33W 19DBB 02		2927.	447	57		101.8	114.6	113.8	134.3	134.6	114.3	114.0
24S 33W 22BCC 01		2888.		38		77.8	82.2	83.6	82.3	80.9	73.7	73.2
24S 33W 22DCA 01	QU,TO	2905.	405	71		112.3	114.3	117.7	116.4	117.6	120.0	111.5
24S 33W 28DAA 01	QU,TO	2886.	386	34		94.1	99.7	98.7	98.6	103.8	99.7	100.0
24S 33W 34CAC 01	QU,TO	2910.	435	60		116.8	119.0	120.8	121.4	127.9	126.2	127.3
24S 34W 01BCBB01	QU,TO	2894.	316	12	24.7	81.6	83.4	88.8	81.6	76.7	65.6	66.4
25S 31W 21CAB 01	QU	2788.	228	27	20.4	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,TO	2865.	373	65	62.0		89.8	91.3	92.2	95.8	98.7	101.3
25S 32W 35ADB 01	QU,TO	2857.	417	67	68.0	89.4	91.8	94.2	94.0	97.1	100.0	102.5
25S 33W 03BCC 01		2902.		47		51.6	53.3		51.6	52.4	52.0	52.9
25S 33W 05ABD 01	QU,TO	2920.	510	52		104.2	107.8	108.9	113.3	121.3	121.3	123.2
25S 33W 09ABD 01	QU,TO	2909.	514	50		105.1	107.8	108.9	109.6	118.1	118.4	120.5
25S 33W 15DAC 01	QU,TO	2915.	535	71		125.1	127.5	129.1	129.3	137.2	138.7	140.1
25S 33W 16DCC 01		2920.		62		88.5	89.0	88.8	87.7	89.4	90.1	90.2
25S 33W 17DBD 01	QU,TO	2940.	530	78		123.2	124.3	126.1	126.9	134.1	135.1	136.3
25S 33W 33CDA 01		2915.	460	65						113.6	117.6	122.8
25S 33W 35DBD 01	QU,TO	2894.	474	63		96.5	98.6	100.4		105.9	109.5	114.2
25S 34W 06AAA 01	QU,TO	2972.	397	52		96.1	99.9	101.3	102.3	107.2	109.3	110.0
25S 34W 10ABB 01	QU,TO	2962.	412	62		84.8	86.9	89.3	93.3	98.0	95.3	100.5
25S 34W 34DBD 01	QU,TO	2945.	440	65	70.0	99.2	103.9	107.1	108.8	114.7	117.4	126.7
26S 31W 01DDA 01	QU,TO	2811.	301	75	74.0	94.1	96.1	97.6	99.3	101.9	104.7	107.1
26S 31W 06BBBB01	QU,TO	2832.	327	55	55.6	78.5	80.8	91.2	82.4	85.3	88.0	90.4
26S 31W 31CDC 01	QU,TO	2841.	496	83	86.1	126.4	126.9	127.8	128.6	132.0	135.1	138.5
26S 31W 36CAB 01	QU,TO	2817.	332	82	80.3	113.3	116.6	117.9	120.1	123.1	126.0	127.4
26S 32W 22ABB 01	QU,TO	2899.	564	113	115.6	140.1	141.6	142.8	143.3	145.7	147.3	149.3
26S 33W 17DBD 01		2900.	520	60		95.3	98.7	101.7	104.1	107.6	111.0	114.4
26S 33W 26ABB 01	QU,TO	2929.	554	113	118.3	150.8	150.5	152.6	154.9	159.4	162.4	166.6
26S 34W 05ADC 01		2960.		72		101.0	105.5	108.4	110.9	116.4	114.7	123.2
26S 34W 21BBD 01		2955.		77		112.3	117.3	121.3	122.4	126.2	130.2	133.4
26S 34W 30BD 01	QU	3005.	455	115	132.6	157.3	161.8	166.3	169.4	172.5	177.7	182.1

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
21S 29W 36CCB 01	QA									
21S 30W 05BBB 01	QU,TO	38.3	-3	-9.7	-1.6	-.1	-.5	43	40	-7
21S 31W 08ABB 01	QU,TO	47.8	7	.8		.1		18	25	39
21S 31W 26CCC 01	QU,TO	74.2	1		-.3					
21S 32W 08ABD 01	QU	103.8	-68	-62.5	-3.2	-1.4	-3.0	114	46	-60
21S 32W 20CBD 01	QU,TO									
21S 32W 26DAA 01	QU,TO	107.3	-11	-8.4	-1.6	-.2	-.4	75	64	-15
21S 33W 07DDAA01	QU	80.0	-47	-31.7	-.8	-1.0	-1.5	62	15	-76
21S 33W 29BBC 01		81.4	-65		-1.7	-1.4		90	25	-72
21S 34W 14DBB 01	KN	104.2	-48	-35.2	-2.5	-1.0	-1.7	41	7	-117
21S 34W 16AADA02	QU,TO	93.0	-13	2.4	.2	-.3	.1	40	27	-33
22S 27W 14ADC 01	KJ	177.3			4.1					
22S 31W 08CCC 01		99.0	-18		-.8	-.4		90	72	-20
22S 31W 16ADD 01	QU,TO	107.0	-23	-21.5	-1.5	-.5	-1.0	97	74	-24
22S 31W 29DCC 01										
22S 32W 08ACB 01	QU,TO	90.4	-57	-50.4	-2.9	-1.2	-2.4	191	134	-30
22S 32W 21CDC 01	QU,TO	128.0	-70	-61.5	-4.2	-1.5	-2.9	140	70	-50
22S 33W 22BAA 01	QU,TO	114.3	-74	-67.1	-8.5	-1.6	-3.2	150	76	-49
22S 33W 36AAA 02	QU,TO	63.1	-49	-41.5	-.2	-1.0	-2.0	186	137	-26
22S 34W 08BCB 01	KN	134.1	-47	-25.2	-1.3	-1.0	-1.2	45	2	-104
22S 34W 10AAA 01	QU,TO	107.9	-65	-48.7	2.8	-1.4	-2.3	110	45	-59
22S 34W 18CDD 01		149.5	-83		-1.6	-1.8		167	85	-49
22S 34W 26CCC 01		167.7			-2.3					
23S 27W 12CCC 01	QU,TO	60.8	-2	1.7	-.2		.1	13	11	-15
23S 27W 22DAB 01	QU,TO	81.4	1		-.9					
23S 28W 22DCD 01	QU,TO	75.1	-1		-.1					
23S 28W 34DDC 01	QU,TO	92.1	-16		.4	-.3				
23S 29W 30BBB 01	QU,TO	78.8	-4		-.3	-.1				
23S 29W 34CDD 01	TO	90.5	-7	-6.5	-.2	-.1	-.3	63	57	-10
23S 30W 04CAC 01	QU,TO	68.2	-3		-.6	-.1				
23S 30W 19CCB 01	QU,TO	87.9	1	-5.7	-.5		-.3	53	54	2
23S 31W 03DCD 01	QU,TO	107.8	-36	-24.8	-.5	-.8	-1.2	95	59	-38
23S 31W 17ABA 01		108.5	-19		-1.2	-.4		120	102	-15
23S 31W 35CCC 01	QU,TO	116.5	-22	-19.7	-1.9	-.5	-.9	105	84	-20
23S 32W 11ADC 01	QU,TO	149.8	-33	-27.1	-1.9	-.7	-1.3	125	92	-26
23S 32W 31CBD 01	QU,TO	90.2	-49	-40.8		-1.0	-1.9	283	234	-17
23S 33W 17BBB 01	QU,TO	150.4	-124	-90.1	-5.6	-2.6	-4.3	314	190	-39
23S 33W 26ABB 01	QU,TO	109.4	-67	-59.0	-3.8	-1.4	-2.8	285	218	-24
23S 33W 28CDC 01	QU,TO	111.6	-66	-50.4	-2.0	-1.4	-2.4	293	227	-23
23S 34W 17CCC 01	QU,TO	141.6	-96	-71.5	-3.3	-2.0	-3.4	303	207	-32

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
23S 34W 21DDC 01	QU,TO	129.8	-89	-58.2	0.0	-1.9	-2.8	315	226	-28
24S 31W 27CCB 01	QU,TO	131.3	-17	-11.7	-1.3	-.4	-.6	181	164	-9
24S 32W 03DAC 01	QU,TO	110.9	-41	-30.0	-.9	-.9	-1.4	229	188	-18
24S 32W 35DD 01	QU,TO									
24S 33W 09CCD 01	QU	53.7	-43		3.2	-.9		344	301	-13
24S 33W 09CCD 02		15.0			1.5					
24S 33W 09CCD 03	KD	63.5			-.8					
24S 33W 18BDB 02		71.3	-63		-3.9	-1.3		330	267	-19
24S 33W 19DBB 02		114.0	-57		.3	-1.2		390	333	-15
24S 33W 22BCC 01		73.2	-35		.5	-.7				
24S 33W 22DCA 01	QU,TO	111.5	-41		8.5	-.9		334	294	-12
24S 33W 28DAA 01	QU,TO	100.0	-66		-.3	-1.4		352	286	-19
24S 33W 34CAC 01	QU,TO	127.3	-67		-1.1	-1.4		375	308	-18
24S 34W 018C3B01	QU,TO	66.4	-54	-41.7	-.8	-1.1	-2.0	304	250	-18
25S 31W 21CAB 01	QU									
25S 31W 35DBA 01	QU									
25S 32W 22DBC 01	QU,TO	101.3	-36	-39.3	-2.6	-.8	-1.9	308	272	-12
25S 32W 35ADB 01	QU,TO	102.5	-36	-34.5	-2.5	-.8	-1.6	350	315	-10
25S 33W 03BCC 01		52.9	-6		-.9	-.1				
25S 33W 05ABD 01	QU,TO	123.2	-71		-1.9	-1.5		458	387	-16
25S 33W 09ABD 01	QU,TO	120.5	-71		-2.1	-1.5		464	394	-15
25S 33W 15DAC 01	QU,TO	140.1	-69		-1.4	-1.5		464	395	-15
25S 33W 16DCC 01		90.2	-28		-.1	-.6				
25S 33W 17DBD 01	QU,TO	136.3	-58		-1.2	-1.2		452	394	-13
25S 33W 33CDA 01		122.8	-58		-5.2	-1.2		395	337	-15
25S 33W 35DBD 01	QU,TO	114.2	-51		-4.7	-1.1		411	360	-12
25S 34W 06AAA 01	QU,TO	110.0	-58		-.7	-1.2		345	287	-17
25S 34W 10ABB 01	QU,TO	100.5	-39		-5.2	-.8		350	312	-11
25S 34W 34DBD 01	QU,TO	126.7	-62	-56.7	-9.3	-1.3	-2.7	375	313	-17
26S 31W 01DDA 01	QU,TO	107.1	-32	-33.0	-2.4	-.7	-1.6	226	194	-14
26S 31W 06BBBB01	QU,TO	90.4	-35	-34.8	-2.4	-.7	-1.7	272	237	-13
26S 31W 31CDC 01	QU,TO	138.5	-56	-52.3	-3.4	-1.2	-2.5	413	358	-13
26S 31W 36CAB 01	QU,TO	127.4	-45	-47.1	-1.4	-1.0	-2.2	250	205	-18
26S 32W 22ABB 01	QU,TO	149.3	-36	-33.7	-2.0	-.8	-1.6	451	415	-8
26S 33W 17DBD 01		114.4	-54		-3.4	-1.1		460	406	-12
26S 33W 26ABB 01	QU,TO	166.6	-54	-48.3	-4.2	-1.1	-2.3	441	387	-12
26S 34W 05ADC 01		123.2	-51		-8.5	-1.1				
26S 34W 21BBD 01		133.4	-56		-3.2	-1.2				
26S 34W 30BD 01	QU	182.1	-67	-49.5	-4.4	-1.4	-2.4	340	273	-20



WATER–LEVEL CHANGE IN FINNEY COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC 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 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)	DEPTH TO WATER 1987 (FEET)
25S 22W 20AAA 01	TO	2437.		65	62.6	61.2	61.0	64.2	60.7	60.5	60.4	60.1
25S 22W 27CCD 01	KD	2432.					118.9	121.3	123.1	127.7	119.8	129.3
25S 23W 11CCC 01	KD	2424.				67.5	82.0	76.6	86.6	88.2	78.6	63.2
25S 23W 12BBB 01	KD	2390.				153.5	149.2	153.4	152.6	160.1	152.7	158.4
25S 23W 14ADD 01	KD	2452.				207.6	207.7	213.3	208.8		217.2	
25S 25W 32CDD 01	QU,KD	2607.					181.5	183.7	186.9	189.0	186.7	188.2
25S 25W 32DAD 01		2593.								73.6	73.8	73.8
25S 26W 25CDD 01	TO	2623.	187	79		76.1	76.0	76.3	76.3		77.0	72.0
25S 26W 30ABC 01	TO	2679.	225	104		110.7	110.3	110.9		111.5	111.1	110.9
26S 21W 17DBC 01	KD	2348.				59.1	57.9	60.4	60.8	61.5	60.7	58.7
26S 21W 23ADA 01	QA	2262.		6	7.3	8.3	8.0	7.5	8.7	8.7	8.2	7.4
26S 21W 25CCC 01		2270.								7.2	6.3	5.8
26S 22W 21DCD 01		2377.					40.7	54.2		44.1	40.6	41.5
26S 23W 02ABB 01		2451.								78.3	79.5	79.2
26S 23W 10DAD 01	KD	2463.				176.8	180.8	177.2	178.8	183.2	177.8	180.0
26S 24W 29DDD 01	TO	2575.		130		133.5	133.1	132.2	134.7	138.4	137.3	137.2
26S 24W 31DDA 01	TO	2463.		11		16.8	16.9	17.4	14.9	17.1	17.0	16.1
26S 24W 32CBA 01	TO	2468.		20		23.8	23.4	23.2	22.4	24.5	24.1	23.3
26S 24W 33CDA 01	TO	2466.		26			28.9	28.3	30.3	32.1	31.2	27.8
26S 25W 16DCC 01		2619.				139.5			140.9	143.2		143.5
26S 26W 18CCB 01		2558.					9.4	9.9	9.6	9.6	9.4	10.1
26S 26W 32DCC 01		2616.		74			71.1		84.1	85.3	86.3	85.7
26S 26W 36DCC 01	TO	2543.	168	31		37.0	38.4	38.5	39.0	41.5	42.3	47.4
27S 21W 10DBB 01		2291.								7.6	7.0	
27S 22W 09DAB 01		2418.					52.6	55.7	55.9	58.3		59.5
27S 23W 24BCB 01	KD	2395.				21.7	23.3	32.6	30.3	48.1	41.1	38.6
27S 23W 28AAA 01		2421.				25.9	26.6	30.2	29.5	37.7	37.3	35.9
27S 23W 36CCC 01	TO	2428.	147	46		43.0	44.4	45.3	44.0		45.4	45.5
27S 24W 03BBD 01	TO	2455.		19		27.5	27.0	25.2	24.3	24.3	24.5	24.5
27S 24W 03CDD 01	TO	2445.				13.2	11.5	10.0	11.7	10.9	12.0	11.5
27S 24W 04BBC 01	TO	2453.		11		16.1	16.9	13.7	13.8	15.0	15.1	14.4
27S 24W 09AAD 01	TO	2448.		10		20.6	19.2	18.6	19.3	19.8	20.6	20.1
27S 24W 16BDB 01		2515.				75.5	75.5	75.6	74.5	74.9	76.1	75.8
27S 24W 26DAA 01	TO	2512.	191	79		87.7	88.2	88.8	89.5	90.1	90.7	91.1
27S 25W 09ACA 01		2546.				63.2	64.9	62.9	65.4		68.6	68.9
27S 25W 25BBB 01		2574.				113.5	114.4	114.5	114.2	115.8	116.4	117.2
28S 21W 10DDD 01		2349.	89	41		41.1	41.3	42.9	42.9	43.7	42.8	42.1
28S 21W 23DBC 01	TO					74.0	74.0	75.5	76.0	77.0		74.6
28S 21W 25ABB 01		2365.	149			70.5	70.3	71.3	71.4	72.3	71.1	70.5
28S 22W 05ADD 01		2370.				17.3	18.5	18.6		18.4	17.4	17.6

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

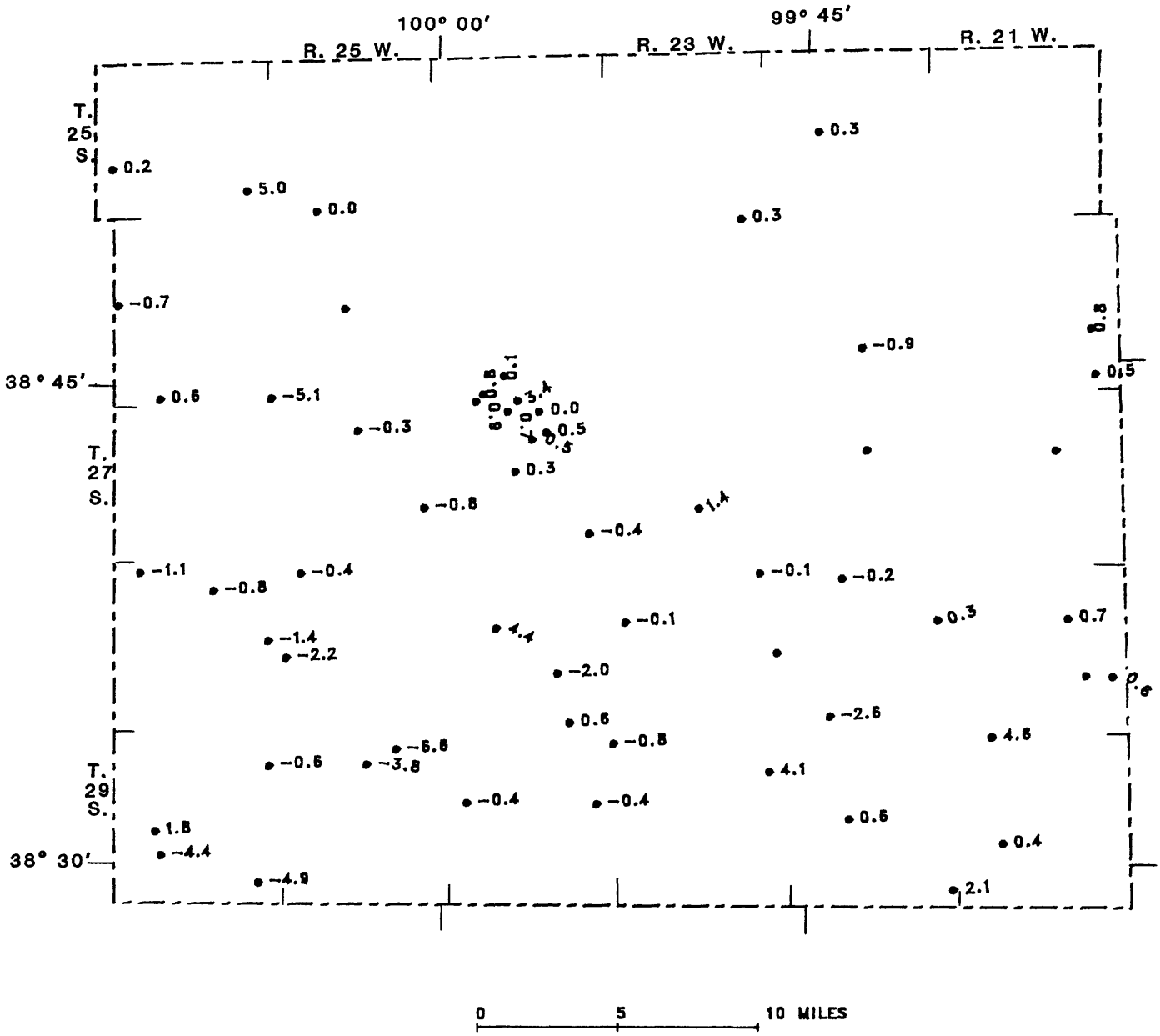
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
28S 22W 12CAC 01	TO	2405.	82	66		58.9	63.9	60.0	60.4	60.9	61.5	61.2
28S 22W 32BAB 01	TO	2485.	161	121			122.1	122.5	122.6	123.9	127.1	129.7
28S 23W 18BAB 01		2547.	239			133.4	134.4	134.8	134.3	136.0	136.5	136.6
28S 23W 24ABB 01		2465.				93.2		94.0	94.1	94.5		94.7
28S 24W 08DCC 01		2578.		133		137.0	137.8	138.4	138.1	139.5	145.2	140.8
28S 24W 22CDA 01		2500.						103.8	104.1	104.8	104.4	106.4
28S 24W 35CAB 01		2528.	450			99.1		100.5		101.3	102.9	102.3
28S 25W 06ABB 01		2643.		144		147.1	145.9	147.3	147.9	148.9	149.2	149.6
28S 25W 19BBB 01	TO	2635.	265	133		140.0	140.9	142.4	142.8	143.6	142.9	145.1
28S 26W 06ABB 01	TO	2685.	195	133		160.5	161.2	160.1			162.5	163.6
28S 26W 10BAA 01		2608.	192							98.0	98.5	99.3
28S 26W 13CAA 01		2635.				136.2	135.0	136.6	137.1	137.7	138.2	139.6
29S 21W 05BBB 01	TO	2418.		98	96.6	98.0	99.6	99.4	99.6	100.1	104.8	100.2
29S 21W 20CAD 01		2445.				132.3	134.2	134.1	134.1	134.3	134.2	133.8
29S 22W 17DAD 01	TO	2475.	240	119		127.5	126.9	129.3	129.1	129.9	128.4	127.8
29S 22W 36ACA 01		2445.	242			133.6	134.1	134.5	134.5	135.2	138.9	136.8
29S 23W 12BAC 01		2547.				177.4		178.4		179.0	182.4	178.3
29S 24W 01ABA 01	TO	2560.	220	140		141.4	142.0	142.4	142.3	143.3	143.5	144.3
29S 24W 13BCA 01		2530.	212			112.3	112.7	113.0	113.0	113.5	113.7	114.1
29S 24W 18BAA 01	TO	2610.	210	149		157.2	157.1	157.4	157.3	156.8	157.6	158.0
29S 25W 03ADA 01	TO	2630.	220	152		177.1		181.3	179.3	176.4	177.1	183.7
29S 25W 10B3BC01		2617.		139		157.6	152.3	154.7	154.9	155.9	157.7	161.5
29S 26W 01CDD 01	TO	2583.	163	78		91.9	91.6	92.3	91.0	93.4	91.9	92.5
29S 26W 20BDD 01		2575.	164							99.9	103.6	101.8
29S 26W 29ABB 01		2558.				83.8				84.2	84.3	88.7
29S 26W 36BBB 01	TO	2532.	212	26		22.3	22.7	24.9	23.5	23.9	23.6	28.5

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
25S 22W 20AAA 01	TO	60.1	6	2.6	.3	.1	.1			
25S 22W 27CCD 01	KD	129.3			-9.5					
25S 23W 11CCC 01	KD	63.2			15.4					
25S 23W 12BBB 01	KD	158.4			-5.7					
25S 23W 14ADD 01	KD									
25S 25W 32CDD 01	QU,KD	188.2			-1.5					
25S 25W 32DAD 01		73.8			0.0					
25S 26W 25CDD 01	TO	72.0	7		5.0	.1		108	115	6
25S 26W 30ABC 01	TO	110.9	-7		.2	-.1		121	114	-6
26S 21W 17DBC 01	KD	58.7			2.0					
26S 21W 23ADA 01	QA	7.4	-1	-.1	.8					
26S 21W 25CCC 01		5.8			.5					
26S 22W 21DCD 01		41.5			-.9					
26S 23W 02ABB 01		79.2			.3					
26S 23W 10DAD 01	KD	180.0			-2.2					
26S 24W 29DDD 01	TO	137.2	-7		.1	-.1				
26S 24W 31DDA 01	TO	16.1	-5		.9	-.1				
26S 24W 32CBA 01	TO	23.3	-3		.8	-.1				
26S 24W 33CDA 01	TO	27.8	-2		3.4					
26S 25W 16DCC 01		143.5								
26S 26W 18CCB 01		10.1			-.7					
26S 26W 32DCC 01		85.7	-12		.6	-.3				
26S 26W 36DCC 01	TO	47.4	-16		-5.1	-.3		137	121	-12
27S 21W 10DBB 01										
27S 22W 09DAB 01		59.5								
27S 23W 24BCB 01	KD	38.6			2.5					
27S 23W 28AAA 01		35.9			1.4					
27S 23W 36CCC 01	TO	45.5	1		-.1			101	102	1
27S 24W 03BBD 01	TO	24.5	-6		0.0	-.1				
27S 24W 03CDD 01	TO	11.5			.5					
27S 24W 04BBC 01	TO	14.4	-3		.7	-.1				
27S 24W 09AAD 01	TO	20.1	-10		.5	-.2				
27S 24W 16BDB 01		75.8			.3					
27S 24W 26DAA 01	TO	91.1	-12		-.4	-.3		112	100	-11
27S 25W 09ACA 01		68.9			-.3					
27S 25W 25BBB 01		117.2			-.8					
28S 21W 10DDD 01		42.1	-1		.7			48	47	-2
28S 21W 23DBC 01	TO	74.6								
28S 21W 25ABB 01		70.5			.6				79	
28S 22W 05ADD 01		17.6			-.2					

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
28S 22W 12CAC 01	TO	61.2	5		.3	.1		16	21	31
28S 22W 32BAB 01	TO	129.7	-9		-2.6	-.2		40	31	-23
28S 23W 18BAB 01		136.6			-.1				102	
28S 23W 24ABB 01		94.7								
28S 24W 08DCC 01		140.8	-8		4.4	-.2				
28S 24W 22CDA 01		106.4			-2.0					
28S 24W 35CAB 01		102.3			.6				348	
28S 25W 06ABB 01		149.6	-6		-.4	-.1				
28S 25W 19BBB 01	TO	145.1	-12		-2.2	-.3		132	120	-9
28S 26W 06ABB 01	TO	163.6	-31		-1.1	-.7		62	31	-50
28S 26W 10BAA 01		99.3			-.8				93	
28S 26W 13CAA 01		139.6			-1.4					
29S 21W 05BBB 01	TO	100.2	-2	-3.6	4.6		-.2			
29S 21W 20CAD 01		133.8			.4					
29S 22W 17DAD 01	TO	127.8	-9		.6	-.2		121	112	-7
29S 22W 36ACA 01		136.8			2.1				105	
29S 23W 12BAC 01		178.3			4.1					
29S 24W 01ABA 01	TO	144.3	-4		-.8	-.1		80	76	-5
29S 24W 13BCA 01		114.1			-.4				98	
29S 24W 18BAA 01	TO	158.0	-9		-.4	-.2		61	52	-15
29S 25W 03ADA 01	TO	183.7	-32		-6.6	-.7		68	36	-47
29S 25W 10BBBC01		161.5	-23		-3.8	-.5				
29S 26W 01CDD 01	TO	92.5	-15		-.6	-.3		85	71	-16
29S 26W 20BDD 01		101.8			1.8				62	
29S 26W 29ABB 01		88.7			-4.4					
29S 26W 36BBB 01	TO	28.5	-3		-4.9	-.1		186	184	-1



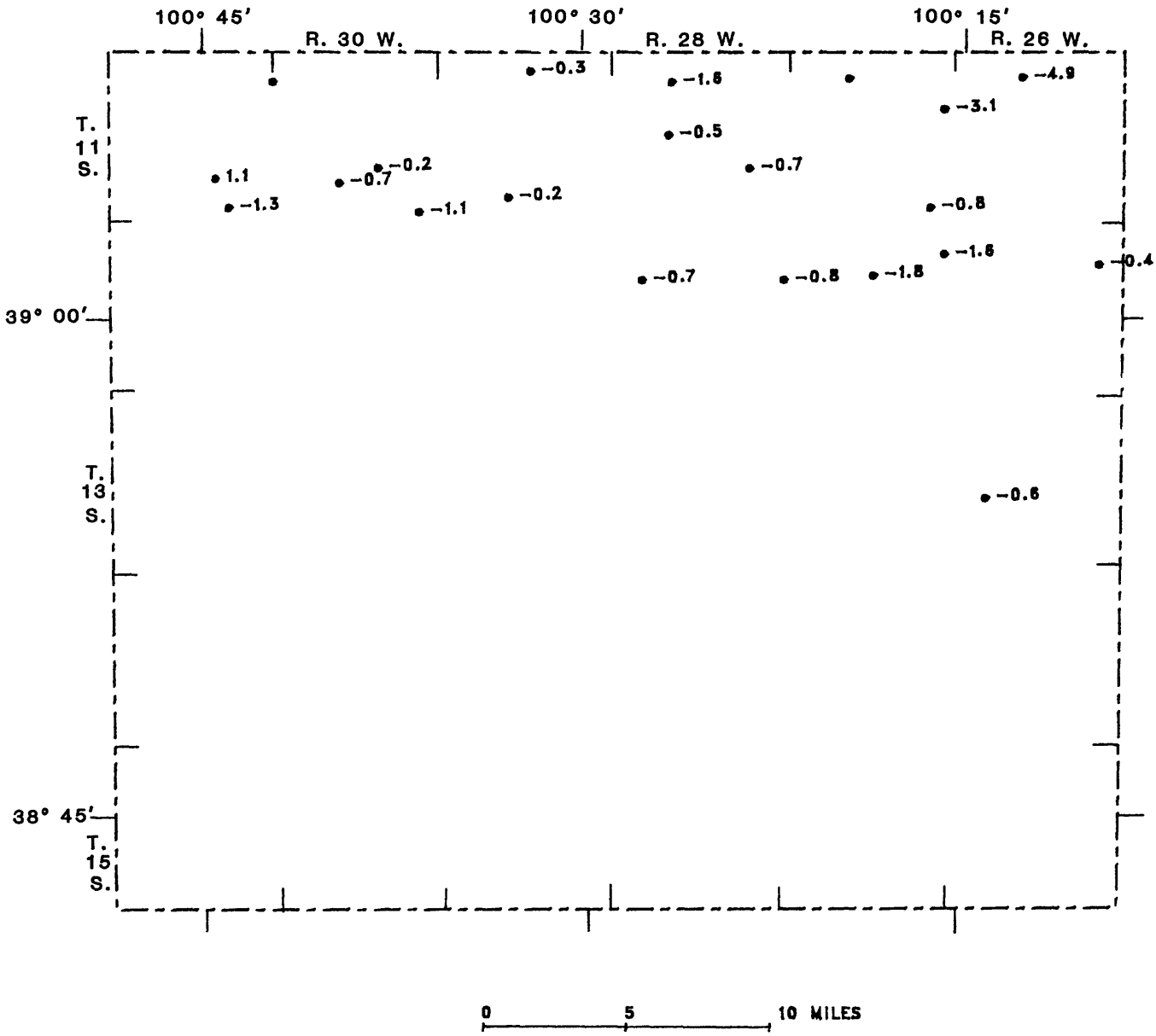
WATER–LEVEL CHANGE IN FORD COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, GOVE 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 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)	DEPTH TO WATER 1987 (FEET)
11S 26W 04CDC 01	TO	2583.	190	62	60.0	63.1	65.7	62.8	64.7	63.6	62.5	67.4
11S 27W 04CCD 01	TO	2708.					97.3	96.3	96.5	93.7		97.9
11S 27W 13ABB 01		2671.								118.3	115.4	118.5
11S 27W 36BCC 01	TO	2676.	140	71		77.2	78.1	77.6	78.2	77.3	75.8	76.6
11S 28W 08AAA 01		2797.								116.8	116.2	117.8
11S 28W 17DDC 01	TO	2784.								95.9	95.4	95.9
11S 28W 26ABA 01		2749.								92.0	91.9	92.6
11S 29W 04DAD 01	TO	2844.	170	109		113.5	112.9	112.9	113.4	113.0	112.9	113.2
11S 29W 33BBA 01		2857.								104.9	104.8	105.0
11S 30W 27ABB 01	TO	2922.	165	117		130.3	130.5	129.8	131.8	132.2	129.1	129.3
11S 30W 28CBA 01		2925.								125.0	124.1	124.8
11S 30W 36CBB 01		2885.								106.9	106.4	107.5
11S 31W 12AAB 01	TO	2959.								103.6	105.0	
11S 31W 27ADC 01		2913.								49.5	51.8	50.7
11S 31W 35BDC 01		2951.								97.3	97.4	98.7
12S 26W 12BCC 01	TO	2573.								38.8	38.2	38.6
12S 27W 10CCB 01		2700.								78.7	77.9	79.7
12S 27W 12ABB 01	TO	2636.								50.4	50.5	52.1
12S 28W 07DDD 01		2742.								48.4	48.8	49.5
12S 28W 12DDD 01	TO	2741.								94.4	94.4	95.2
13S 26W 20CBC 01	QA	2432.	43		11.1	13.8	14.8	10.6	16.5	16.3	15.8	16.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
11S 26W 04CDC 01	TO	67.4	-5	-7.4	-4.9	-.1	-.4	128	123	-4
11S 27W 04CCD 01	TO	97.9								
11S 27W 13ABB 01		118.5			-3.1					
11S 27W 36BCC 01	TO	76.6	-6		-.8	-.2		69	63	-9
11S 28W 08AAA 01		117.8			-1.6					
11S 28W 17DDC 01	TO	95.9			-.5					
11S 28W 26ABA 01		92.6			-.7					
11S 29W 04DAD 01	TO	113.2	-4		-.3	-.1		61	57	-7
11S 29W 33BBA 01		105.0			-.2					
11S 30W 27ABB 01	TO	129.3	-12		-.2	-.3		48	36	-25
11S 30W 28CBA 01		124.8			-.7					
11S 30W 36CBB 01		107.5			-1.1					
11S 31W 12AAB 01	TO									
11S 31W 27ADC 01		50.7			1.1					
11S 31W 35BDC 01		98.7			-1.3					
12S 26W 12BCC 01	TO	38.6			-.4					
12S 27W 10CCB 01		79.7			-1.8					
12S 27W 12ABB 01	TO	52.1			-1.6					
12S 28W 07DDD 01		49.5			-.7					
12S 28W 12DDD 01	TO	95.2			-.8					
13S 26W 20CBC 01	QA	16.4		-5.2	-.6		-.2		27	



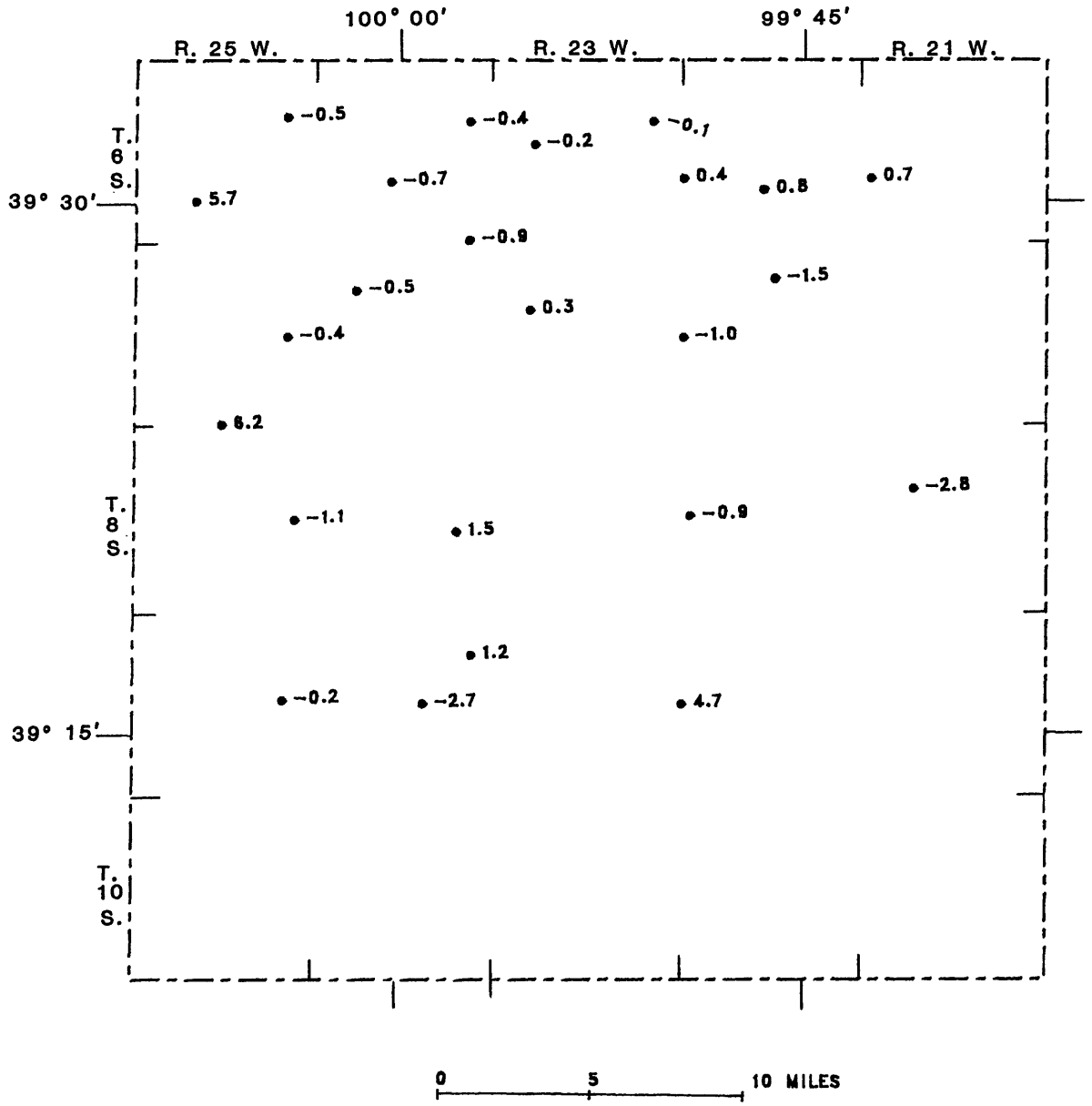
WATER–LEVEL CHANGE IN GOVE COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, GRAHAM 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 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)	DEPTH TO WATER 1987 (FEET)
06S 21W 19CDC 01	TO	2305.	135			102.2	102.0	100.2		100.9	100.5	99.8
06S 22W 19CCC 01	TO	2395.	198			108.5	108.7	108.6	108.6	109.0	108.6	108.2
06S 22W 28ACA 01	TO	2360.	180			114.3	114.1	113.5	117.1		121.0	120.2
06S 23W 13BBB 01	TO	2340.	183	55		57.9	58.2	58.0	58.1	57.7	57.5	57.6
06S 23W 17CCA 01		2406.								70.0	74.0	74.2
06S 24W 14AAA 01		2527.								116.8	116.5	116.9
06S 24W 28BAB 01	TO	2478.		96		99.2	100.0	101.3		103.7	101.2	101.9
06S 24W 35DDD 01	TO	2492.		142		146.6	144.3	144.0	148.0	146.9	146.7	147.6
06S 25W 12CCC 01	TO	2538.	224	135				141.4	144.9	142.1	142.0	142.5
06S 25W 28CBC 01	TO	2540.	180	109	102.7	107.3	107.0	106.7	109.1	113.2	112.5	106.8
07S 22W 10BBC 01	TO	2217.	72	6		8.8	9.2	8.8	9.0	9.4	8.4	9.9
07S 22W 19BBB 01	TO	2295.	63	39		38.9	39.4	39.2	39.4	37.6	37.5	38.5
07S 23W 17BBC 01		2430.								103.8	103.3	103.0
07S 24W 08CBA 01	TO	2519.	244	126		126.5	126.9	126.3	128.4	127.8	127.2	127.7
07S 25W 24BBB 01	TO	2495.	210	85		86.2	86.7	86.9			87.7	88.1
07S 25W 33DDD 01		2502.								104.1	107.8	101.6
08S 21W 17ABB 01	QA	2035.					25.0		26.3	24.6	23.8	26.6
08S 22W 18CDC 01	QA						9.1		10.5	9.8	8.4	9.3
08S 24W 23ACC 01	QA						34.7		34.1	35.7	33.4	31.9
08S 25W 24BAB 01		2302.								29.0	30.6	31.7
09S 22W 19BBB 01	TO	2416.	134	95		95.7	96.1	96.6	96.2	96.4	95.8	91.1
09S 24W 12BCC 01		2461.								100.8	100.0	98.8
09S 24W 22BAA 01	TO	2491.	110	94		93.9	94.0	93.0	93.9	93.7	94.5	97.2
09S 25W 14DDD 01	TO	2534.	134	90		91.4	91.6	91.6	91.9	92.2	92.0	92.2

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
06S 21W 19CDC 01	TO	99.8			.7				35	
06S 22W 19CCC 01	TO	108.2			.4				90	
06S 22W 28ACA 01	TO	120.2			.8				60	
06S 23W 13BBB 01	TO	57.6	-3		-.1	-.1		128	125	-2
06S 23W 17CCA 01		74.2			-.2					
06S 24W 14AAA 01		116.9			-.4					
06S 24W 28BAB 01	TO	101.9	-6		-.7	-.2				
06S 24W 35DDD 01	TO	147.6	-6		-.9	-.2				
06S 25W 12CCC 01	TO	142.5	-8		-.5	-.2		89	82	-8
06S 25W 28CBC 01	TO	106.8	2	-4.1	5.7	.1	-.2	71	73	3
07S 22W 10BBC 01	TO	9.9	-4		-1.5	-.1		66	62	-6
07S 22W 19BBB 01	TO	38.5	1		-1.0			24	25	4
07S 23W 17BBC 01		103.0			.3					
07S 24W 08CBA 01	TO	127.7	-2		-.5	-.1		118	116	-2
07S 25W 24BBB 01	TO	88.1	-3		-.4	-.1		125	122	-2
07S 25W 33DDD 01		101.6			6.2					
08S 21W 17ABB 01	QA	26.6			-2.8					
08S 22W 18CDC 01	QA	9.3			-.9					
08S 24W 23ACC 01	QA	31.9			1.5					
08S 25W 24BAB 01		31.7			-1.1					
09S 22W 19BBB 01	TO	91.1	4		4.7	.1		39	43	10
09S 24W 12BCC 01		98.8			1.2					
09S 24W 22BAA 01	TO	97.2	-3		-2.7	-.1		16	13	-19
09S 25W 14DDD 01	TO	92.2	-2		-.2	-.1		44	42	-5



WATER–LEVEL CHANGE IN GRAHAM COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC 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 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)	DEPTH TO WATER 1987 (FEET)
27S 35W 17ADD 01	QU,TC	3086.	462	175	185.7	234.0	227.6	231.8	233.7	237.1	242.6	245.7
27S 35W 25BDC 01		3046.					216.3	218.7	220.6	223.4	229.2	229.9
27S 36W 18DCB 01	QU,TC	3065.	395	104	116.5	179.8	182.5	176.1	180.0	184.0	190.0	191.4
27S 36W 21DCC 01	QU,TC	3132.		199			265.6			270.3	275.8	279.7
27S 36W 25CC 01	QU,TC	3133.	438	216	253.6		290.3	296.7	299.7	311.0		312.8
27S 37W 04ABB 01	QU,TC	3080.	316	70	86.4		157.0	159.0	164.9	163.0	168.9	171.4
27S 37W 11ABA 01	QU,TC	3093.	368	107	131.4	191.5	189.2	198.3	193.3	192.5	198.1	201.1
27S 37W 16AAD 01		3075.	324	54						233.1	228.9	221.2
27S 37W 21BDD 01		3058.		58			192.1	192.3	192.0	195.2	196.3	198.8
27S 38W 12ADC 01	QU,TC	3076.	280	34	65.5	183.2	182.2	187.1	188.6	189.7	189.0	182.9
27S 38W 15BBB 01	KJ	3148.			132.9	167.4	172.0	176.3	176.9	173.3	171.3	171.7
27S 38W 22CBB 01	QU,TC	3110.	340	49	76.8	167.7	169.3	166.9	165.9	165.6	163.8	166.7
27S 38W 23CBB 01	QU,TC	3105.	335	50	98.2		155.8	152.9	154.0	160.6	163.2	161.7
28S 35W 03D3B 01		3079.								276.6	274.6	283.2
28S 35W 05BCC 01	QU,TC	3117.	457	237	253.2		307.5	309.1	309.7	312.8		320.6
28S 35W 15CBB 01	QU,TO	3064.	509	213	250.7		281.1	285.8	284.8	288.5	292.1	301.2
28S 35W 36ABC 01	QU,TC	3032.	572	222	236.4		300.8	303.1	305.1	307.4	312.3	315.0
28S 36W 02CDD 02	QU,TO,KJ	3111.			241.6	268.3	267.6	272.4	288.3	292.3	296.0	285.2
28S 36W 18ABC 01		3050.	345	95						223.8	228.7	234.5
28S 36W 21CDD 01	QU,TC	3066.	430	158	193.8		269.8	263.6	276.1	278.0	278.4	282.2
28S 37W 02BBB 04		3072.				236.9				240.0	247.3	250.4
28S 37W 10BCD 02	QU,TC	3057.	350	49	100.7	199.0	203.3	204.6	208.8	202.6	204.8	207.2
28S 38W 12DDD 01	QU,TC	3080.	365	40	78.6	180.8	175.6	169.2	172.4	181.5	186.1	191.9
28S 38W 17AAA 01	QU,TC	3112.	422	41	118.1	210.8	205.6	204.7	200.2	206.3	209.1	223.0
28S 38W 33BDB 01		3125.					222.4	208.4	197.7	205.2	209.7	216.1
29S 35W 07CBD 01	QU,TC	3036.	441	168		262.5		275.8	275.4	275.1	277.4	275.2
29S 35W 24BAA 01	TO	3037.	562	239						326.0	325.4	334.2
29S 35W 28ACC 01	QU,TO	2975.	500	147	185.4	236.9	236.6	239.2	244.1	248.9	254.3	256.8
29S 36W 19BCB 01	QU,TO	2995.	405	44	118.0	187.0	193.4	190.0	192.9	203.1	204.8	207.1
29S 36W 33ADB 01		3011.	466	91						226.9	227.0	226.5
29S 37W 03CDB 01	QU,TC	3051.	421	71	133.0		229.4	218.1	222.8	220.0	230.3	230.8
29S 37W 08CBA 01	QU,TC	3065.	430	46	114.5	221.5	212.0	215.1	218.1	220.8	230.2	230.6
29S 37W 29BBA 01	QU,TC	3094.	504	74	148.0	250.6	250.0	255.2	257.1		267.0	266.2
29S 38W 20CDC 01	QU,TO,KJ	3139.	489	59	80.8	143.6	142.4	146.5	150.4	153.6	160.4	168.1
29S 38W 35CCD 01	QU,TC	3124.	469	74	115.1	164.1	173.4	170.2	172.1	173.4	175.7	177.6
30S 35W 02DBC 01	QU,TO	3020.	525	225	240.5	288.8		313.5	315.3			
30S 35W 19BCD 01	QU,TC	3004.	474	134	153.3	193.7	198.8	198.8	202.1	200.9	198.8	193.1
30S 36W 01BBB 01	QU,TC	2973.	463	98	130.4	203.3	198.7	200.0	200.9	205.0	220.0	207.8
30S 36W 04ABB 01	QU,TC,KJ	3033.	493	113		150.6	150.5	151.1	153.4	156.8		162.1
30S 36W 32BBC 01	QU,TO	3064.	384	113	122.5	161.6	152.0	161.9	166.3	170.8	160.4	162.9

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

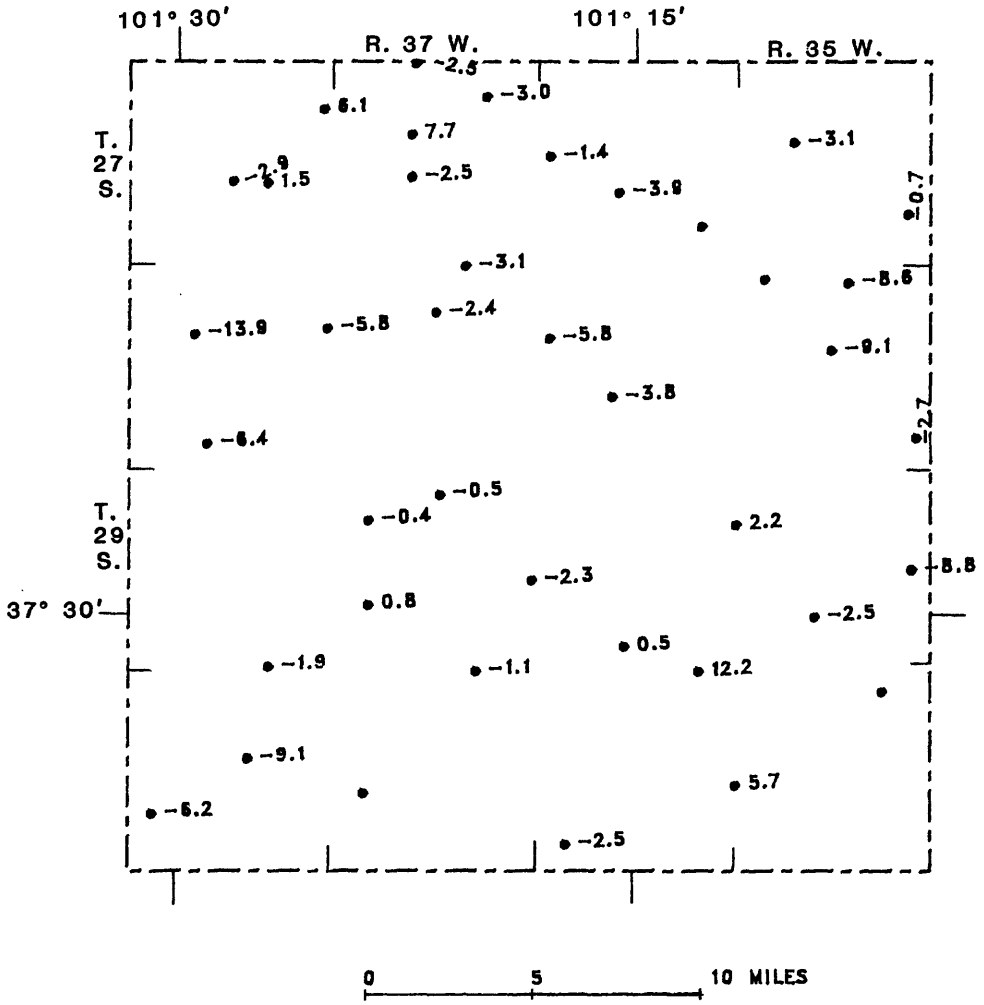
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
30S 37W 02BAA 02	QU,TC	3102.	507	122	221.7	287.7	291.5	291.4	292.0	296.5	299.5	300.6
30S 37W 03DBA 01	QU,TC,KJ	3108.	458	120		259.9	261.3	268.5	276.9	269.1	264.3	
30S 37W 20CBC 01	QU	3125.	385	114	164.6	200.6	202.8	200.2	208.2	210.7	212.6	
30S 38W 13CCC 01	QU,TC,KJ	3142.	467	102	146.7		207.9	204.3	199.7	205.6	206.0	211.6
30S 38W 15DBC 01	QU	3144.	360	89	118.7		173.1	170.0	173.3	175.7	178.5	187.6
30S 38W 30ACA 01	QU,TC	3152.	377	69	82.1	141.5	148.0	154.0	160.1	162.5	167.2	173.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
27S 35W 17ADD 01	QU,TO	245.7	-71	-60.0	-3.1	-1.5	-2.9	287	216	-25
27S 35W 25BDC 01		229.9			-.7					
27S 36W 18DCB 01	QU,TO	191.4	-37	-74.9	-1.4	-1.9	-3.6	291	204	-30
27S 36W 21DCC 01	QU,TO	279.7	-81		-3.9	-1.7				
27S 36W 25CC 01	QU,TO	312.8	-97	-59.2		-2.1	-2.8	222	125	-44
27S 37W 04ABB 01	QU,TO	171.4	-101	-85.0	-2.5	-2.1	-4.0	246	145	-41
27S 37W 11ABA 01	QU,TO	201.1	-94	-69.6	-3.0	-2.0	-3.3	261	167	-36
27S 37W 16AAD 01		221.2	-167		7.7	-3.6		270	103	-62
27S 37W 21BDD 01		198.8	-141		-2.5	-3.0				
27S 38W 12ADC 01	QU,TO	182.9	-149	-117.4	6.1	-3.2	-5.6	246	97	-61
27S 38W 15BBB 01	KJ	171.7		-38.8	-.4		-1.8			
27S 38W 22CBB 01	QU,TO	166.7	-118	-89.9	-2.9	-2.5	-4.3	291	173	-41
27S 38W 23CBB 01	QU,TO	161.7	-112	-63.4	1.5	-2.4	-3.0	285	173	-39
28S 35W 03DBB 01		283.2			-8.6					
28S 35W 05BCC 01	QU,TO	320.6	-84	-67.4		-1.8	-3.2	220	136	-38
28S 35W 15CBB 01	QU,TO	301.2	-88	-50.5	-9.1	-1.9	-2.4	296	208	-30
28S 35W 36ABC 01	QU,TO	315.0	-93	-78.6	-2.7	-2.0	-3.7	350	257	-27
28S 36W 02CDD 02	QU,TO,KJ	285.2		-43.6	10.8		-2.1			
28S 36W 18ABC 01		234.5	-140		-5.8	-3.0		250	111	-56
28S 36W 21CDD 01	QU,TO	282.2	-124	-88.4	-3.8	-2.6	-4.2	272	148	-46
28S 37W 02BBB 04		250.4			-3.1					
28S 37W 10BCD 02	QU,TO	207.2	-158	-106.5	-2.4	-3.4	-5.1	301	143	-52
28S 38W 12DDD 01	QU,TO	191.9	-152	-113.3	-5.8	-3.2	-5.4	325	173	-47
28S 38W 17AAA 01	QU,TO	223.0	-182	-104.9	-13.9	-3.9	-5.0	381	199	-48
28S 38W 33BDB 01		216.1			-6.4					
29S 35W 07CBD 01	QU,TO	275.2	-107		2.2	-2.3		273	166	-39
29S 35W 24BAA 01	TO	334.2	-95		-8.8	-2.0		323	228	-29
29S 35W 28ACC 01	QU,TO	256.8	-110	-71.3	-2.5	-2.3	-3.4	353	243	-31
29S 36W 19BCB 01	QU,TO	207.1	-163	-89.1	-2.3	-3.5	-4.2	361	198	-45
29S 36W 33ADB 01		226.5	-136		.5	-2.9		375	240	-36
29S 37W 03CDB 01	QU,TO	230.8	-160	-97.8	-.5	-3.4	-4.7	350	190	-46
29S 37W 08CBA 01	QU,TO	230.6	-185	-116.1	-.4	-3.9	-5.5	384	199	-48
29S 37W 29BBA 01	QU,TO	266.2	-192	-118.2	.8	-4.1	-5.6	430	238	-45
29S 38W 20CDC 01	QU,TO,KJ	168.1	-109	-87.2	-7.7	-2.3	-4.2			
29S 38W 35CCD 01	QU,TO	177.6	-104	-62.4	-1.9	-2.2	-3.0	395	291	-26
30S 35W 02DBC 01	QU,TO									
30S 35W 19BCD 01	QU,TO	193.1	-59	-39.8	5.7	-1.3	-1.9	340	281	-17
30S 36W 01BBB 01	QU,TO	207.8	-110	-77.4	12.2	-2.3	-3.7	365	255	-30
30S 36W 04ABB 01	QU,TO,KJ	162.1	-49			-1.0				
30S 36W 32BBC 01	QU,TO	162.9	-50	-40.4	-2.5	-1.1	-1.9	271	221	-18

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
30S 37W 02BAA 02	QU,TO	300.6	-179	-78.9	-1.1	-3.8	-3.8	385	206	-46
30S 37W 03DBA 01	QU,TO,KJ									
30S 37W 20CBC 01	QU									
30S 38W 13CCC 01	QU,TO,KJ	211.6	-110	-64.9	-5.6	-2.3	-3.1			
30S 38W 15DBC 01	QU	187.6	-99	-68.9	-9.1	-2.1	-3.3	271	172	-37
30S 38W 30ACA 01	QU,TO	173.4	-104	-91.3	-6.2	-2.2	-4.3	308	204	-34



WATER–LEVEL CHANGE IN GRANT COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
24S 27W 08CCC 01	QU,TC	2697.	138	66	59.1	74.2	71.7	72.2	73.2	75.0	74.0	75.2
24S 27W 14ABB 01	QU,TC	2654.	92	74	66.2	65.1	64.4	63.9	64.1	64.9	68.1	65.4
24S 27W 29BCC 01		2702.	152	72						84.8	84.6	86.4
24S 28W 28BBA 01		2750.	240	93						108.1	108.3	109.7
24S 28W 31DD 01	QU,TC	2754.	264	91	87.9	125.4	127.5	126.0	121.4	123.9	124.8	123.2
24S 28W 36ACA 01	TO	2720.	135	85	83.3	96.9	96.7	97.4	97.1	97.0	97.3	98.3
24S 29W 16DCA 01	QU,TC	2787.	222	98	96.2	112.4	109.0	110.8	112.2	112.9		115.0
24S 29W 18CCB 01	QU,TC	2814.	220	106	109.8	121.1	120.9	121.9	123.3	125.0	130.5	126.4
24S 30W 15CCC 01	QU,TC	2846.	248	114	117.0	131.4	132.1	133.0	135.3	136.6	136.7	139.2
24S 30W 33ADD 01	TO	2857.	282	130						156.2	149.9	149.9
25S 27W 33ABB 01	QU,TC	2728.	249	134	131.8	148.8	138.4	138.7	138.7	138.6	138.7	139.1
25S 29W 07BCB 01	QU,TC	2830.	281	131	129.0	147.1	149.9	146.9	143.1	144.3	143.8	145.6
25S 29W 14ABB 01	QU,TC	2776.		107	107.1	131.0	130.6	130.4	131.1		132.4	133.2
25S 29W 27CCB 01		2678.	168	8						16.2	10.1	9.9
25S 30W 20BCB 01	QU,TC	2734.	184	9	9.8	16.9	16.1	16.7	16.7	16.9	10.9	10.9
26S 27W 13BBC 01	QU,TC	2567.	165	9	7.9	3.8	3.9	11.1	4.3	10.6	12.6	8.6
26S 27W 27CDD 01	QU,TC	2612.	222	33		48.5	46.5	46.9	47.0	49.2	50.4	53.7
26S 28W 06DDB 01		2647.	147	9						14.5	12.0	11.9
26S 29W 15BCA 01		2732.	232	62						86.8	89.3	91.5
26S 29W 35CCC 01	QU,TC	2742.	242	72	71.6		95.9	94.6	96.1	98.7	101.6	103.4
26S 30W 01ABC 01		2740.									67.7	69.1
26S 30W 24DDD 01	QU,TO	2754.	253	54		76.7	79.4	81.3	82.6	85.2	90.6	103.3
27S 27W 01BAA 01		2631.								82.5	85.1	86.2
27S 27W 07ADC 01	QU,TC	2686.	186	82	74.0	91.8	92.8	104.3	94.6	95.9	94.1	99.5
27S 27W 10CDB 01	QU,TO	2712.	235	131	123.4	137.8	139.4	141.0	141.0	142.8	144.3	145.7
27S 27W 25CCD 01	QU,TC	2732.	228	167	163.8	181.7	178.4	179.2	178.6	180.0	181.0	183.1
27S 28W 05AAA 01	QU,TO	2707.	228	66		82.5	85.4	88.1	88.8	91.6	94.0	98.0
27S 28W 30CCA 01	QU,TO	2738.	218	78		95.4	98.1	101.1		106.1	107.1	
27S 29W 27CAA 01		2760.	235	83						102.4	105.7	107.1
27S 30W 08BBB 01	QU,TO	2790.	265	68	66.6	100.6	101.9	102.0		109.0	110.5	115.7
27S 30W 23BBA 01	QU,TC	2772.	247	68	63.9	93.9	99.7	102.3	103.7	105.4	108.8	112.2
27S 30W 34CCC 01	QU,TO	2807.	404	102	101.0	135.3	138.0	141.4		144.9	147.4	150.5
28S 27W 03BBB 01	QU,TC	2755.	260	166		180.6	177.7	178.9		185.5	190.7	194.0
28S 28W 07CDD 01		2775.	250	117						178.0	182.8	187.5
28S 28W 20ADD 02	QU,TC	2795.	220	145	146.2	148.5	150.1	149.8	148.0	148.5	147.8	149.1
28S 29W 16ACC 01	QU,TC	2799.	299	121	125.0		157.0	157.9	158.6	159.6	161.0	162.0
28S 30W 10DDD 01	QU,TC	2814.	469	115	120.9	156.7	159.2	161.8	162.5	164.7	167.8	170.4
28S 30W 17BBA 01	TO	2817.	497	110	110.4	162.1		163.7	157.4	159.9	163.1	165.5
28S 30W 24BAB 01	QU,TC	2804.	429	114	119.5	155.3	157.5	160.2	160.6	161.7	164.0	167.1
29S 27W 30BCC 01	QU,TO	2655.	280	87	103.0	124.1	125.7	128.7	130.4	131.5	133.1	135.7

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

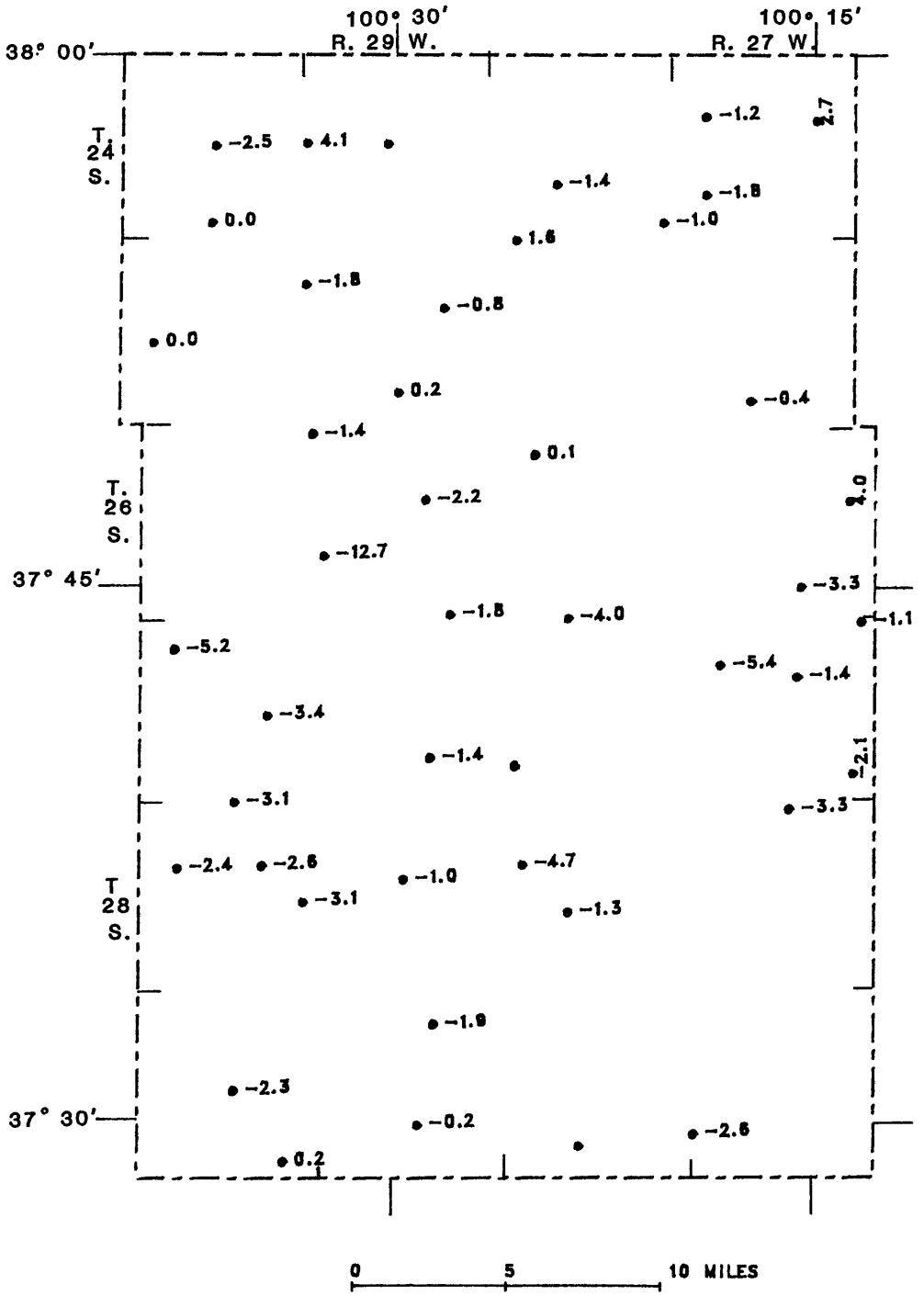
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
29S 28W 28CDC 01	TO	2688.	278	88	91.2	113.2	115.2	118.7		120.2		124.6
29S 29W 10ABB 01		2745.					116.4	118.1			121.7	123.6
29S 29W 27BCB 01	QU,TO	2739.	494	98	101.0	127.3	128.8	132.2	132.9	136.6	139.7	139.9
29S 30W 22BBC 01	QU,TO	2816.	446	144	144.6	178.9	178.6		182.0	180.5	180.1	182.4
29S 30W 35ACD 01	QU,TO	2805.	445	146	147.8	186.1	190.1	193.2	193.8	195.3	204.1	203.9

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
24S 27W 08CCC 01	QU,TO	75.2	-9	-16.0	-1.2	-.2	-.8	72	63	-13
24S 27W 14ABB 01	QU,TO	65.4	9	.8	2.7	.2		18	27	50
24S 27W 29BCC 01		86.4	-14		-1.8	-.3		80	66	-18
24S 28W 28BBA 01		109.7	-17		-1.4	-.4		147	130	-12
24S 28W 31DD 01	QU,TO	123.2	-32	-35.3	1.6	-.7	-1.7	173	141	-18
24S 28W 36ACA 01	TO	98.3	-13	-14.9	-1.0	-.3	-.7	50	37	-26
24S 29W 16DCA 01	QU,TO	115.0	-17	-18.7		-.4	-.9	124	107	-14
24S 29W 18CCB 01	QU,TO	126.4	-20	-16.6	4.1	-.4	-.8	114	94	-18
24S 30W 15CCC 01	QU,TO	139.2	-25	-22.2	-2.5	-.5	-1.1	134	109	-19
24S 30W 33ADD 01	TO	149.9	-20		0.0	-.4		152	132	-13
25S 27W 33ABB 01	QU,TO	139.1	-5	-7.3	-.4	-.1	-.3	115	110	-4
25S 29W 07BCB 01	QU,TO	145.6	-15	-16.6	-1.8	-.3	-.8	150	135	-10
25S 29W 14ABB 01	QU,TO	133.2	-26	-26.1	-.8	-.6	-1.2			
25S 29W 27CCB 01		9.9	-2		.2			160	158	-1
25S 30W 20BCB 01	QU,TO	10.9	-2	-1.1	0.0		-.1	175	173	-1
26S 27W 13BBC 01	QU,TO	8.6		-.7	4.0			156	156	
26S 27W 27CDD 01	QU,TO	53.7	-21		-3.3	-.4		189	168	-11
26S 28W 06DDB 01		11.9	-3		.1	-.1		138	135	-2
26S 29W 15BCA 01		91.5	-30		-2.2	-.6		170	141	-17
26S 29W 35CCC 01	QU,TO	103.4	-31	-31.8	-1.8	-.7	-1.5	170	139	-18
26S 30W 01ABC 01		69.1			-1.4					
26S 30W 24DDD 01	QU,TO	103.3	-49		-12.7	-1.0		199	150	-25
27S 27W 01BAA 01		86.2			-1.1					
27S 27W 07ADC 01	QU,TO	99.5	-18	-25.5	-5.4	-.4	-1.2	104	87	-16
27S 27W 10CDB 01	QU,TO	145.7	-15	-22.2	-1.4	-.3	-1.1	104	89	-14
27S 27W 25CCD 01	QU,TO	183.1	-16	-19.3	-2.1	-.3	-.9	61	45	-26
27S 28W 05AAA 01	QU,TO	98.0	-32		-4.0	-.7		162	130	-20
27S 28W 30CCA 01	QU,TO									
27S 29W 27CAA 01		107.1	-24		-1.4	-.5		152	128	-16
27S 30W 08BBB 01	QU,TO	115.7	-48	-49.1	-5.2	-1.0	-2.3	197	149	-24
27S 30W 23BBA 01	QU,TO	112.2	-44	-48.3	-3.4	-.9	-2.3	179	135	-25
27S 30W 34CCC 01	QU,TO	150.5	-49	-49.5	-3.1	-1.0	-2.4	302	254	-16
28S 27W 03BBB 01	QU,TO	194.0	-28		-3.3	-.6		94	66	-30
28S 28W 07CDD 01		187.5	-71		-4.7	-1.5		133	63	-53
28S 28W 20ADD 02	QU,TO	149.1	-4	-2.9	-1.3	-.1	-.1	75	71	-5
28S 29W 16ACC 01	QU,TO	162.0	-41	-37.0	-1.0	-.9	-1.8	178	137	-23
28S 30W 10DDD 01	QU,TO	170.4	-55	-49.5	-2.6	-1.2	-2.4	354	299	-16
28S 30W 17BBA 01	TO	165.5	-56	-55.1	-2.4	-1.2	-2.6	387	332	-14
28S 30W 24BAB 01	QU,TO	167.1	-53	-47.5	-3.1	-1.1	-2.3	315	262	-17
29S 27W 30BCC 01	QU,TO	135.7	-49	-32.7	-2.6	-1.0	-1.6	193	144	-25

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
29S 28W 28CDC 01	TO	124.6	-37	-33.4		-.8	-1.6	190	153	-19
29S 29W 10ABB 01		123.6			-1.9					
29S 29W 27BCB 01	QU,TO	139.9	-42	-38.8	-.2	-.9	-1.8	396	354	-11
29S 30W 22BBC 01	QU,TO	182.4	-38	-37.8	-2.3	-.8	-1.8	302	264	-13
29S 30W 35ACD 01	QU,TO	203.9	-58	-56.1	.2	-1.2	-2.7	299	241	-19



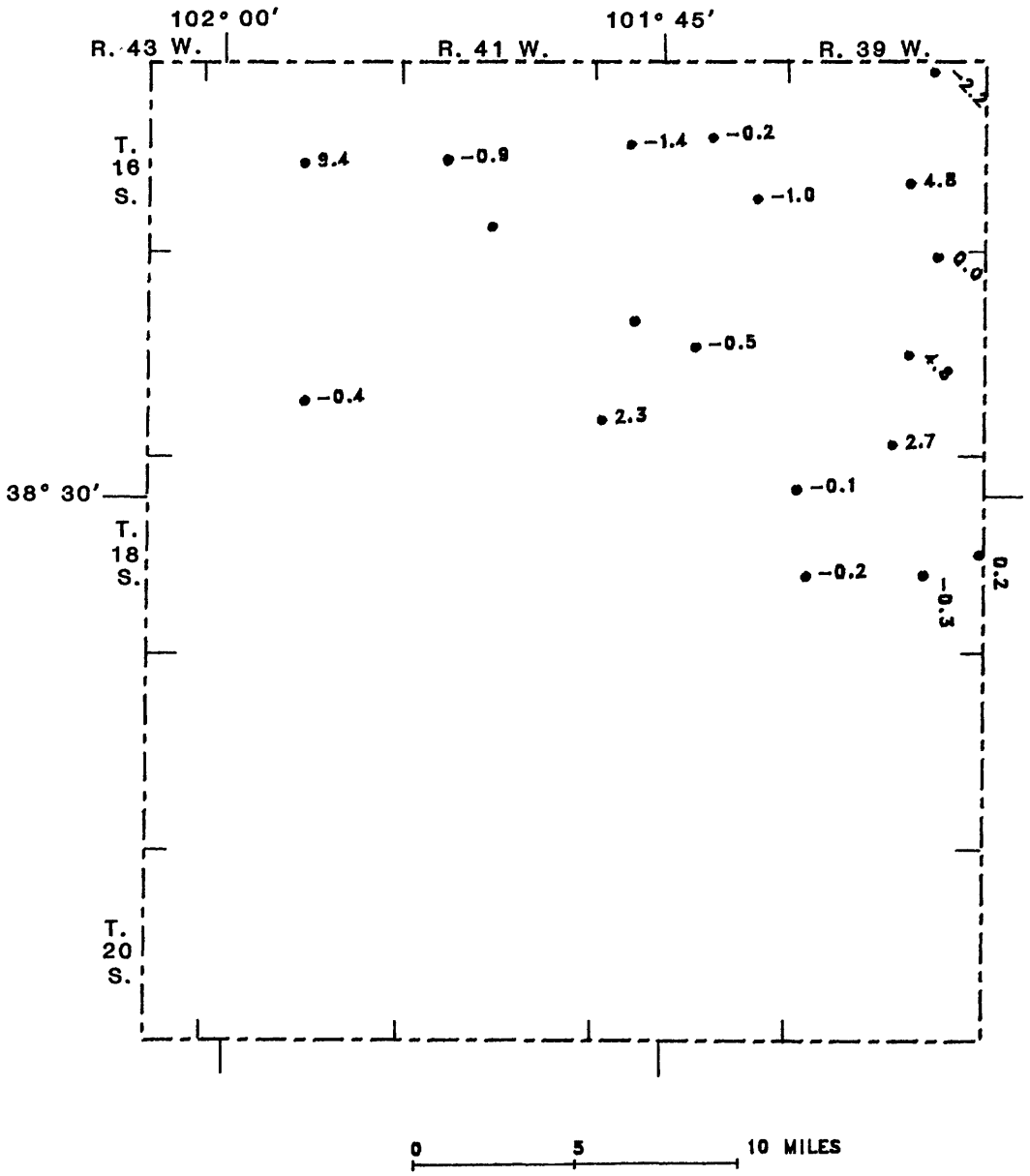
WATER–LEVEL CHANGE IN GRAY COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, GREELEY 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 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)	DEPTH TO WATER 1987 (FEET)
16S 39W 02BDC 01	TO	3520.	220	81		137.9	136.4	134.6	136.0	137.7	137.5	139.7
16S 39W 22DCB 01	TO	3529.	163	95	88.8	134.5	129.5	128.9	129.8	132.5	136.0	131.2
16S 40W 15ACC 01	TO	3650.	192	114	119.9		149.2	149.5		162.0	151.5	151.7
16S 40W 17CBC 01	TO	3688.									158.9	160.3
16S 40W 26ADA 01	TO	3602.	157	93		114.6	115.0	114.4	117.8		117.0	118.0
16S 41W 20BAD 01	TO	3739.	234	129	131.3		166.8	167.2	168.1	169.7	169.6	170.5
16S 41W 33AAB 01	TO	3746.	202	156		168.5	172.0	173.6	176.3		174.8	
16S 42W 22BCB 01	TO	3828.	237	183	198.5	198.5	205.2	198.9	197.3	199.5	209.7	200.3
17S 39W 02BAA 01	TO	3511.	161	102		112.1	114.0	114.9	116.5	117.1	117.6	117.6
17S 39W 22ABB 01	TO	3527.	195	118	123.3	128.7	130.3	132.2	130.8	133.5	136.5	131.7
17S 39W 34CCB 01	TO	3505.	135	95		94.0	94.4	94.6	99.0	96.4	98.8	96.1
17S 40W 15CCB 01	TO	3607.	209	123	127.0	139.5	138.0	138.1	138.7	138.6	138.3	138.8
17S 40W 17BBA 01	TO	3663.	217	165		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	163.4
17S 42W 27CBB 01	TO	3768.	61	31		38.1	38.7	36.3	38.1	37.2	36.6	37.0
18S 39W 07BBD 01	TO	3564.	145	109		117.9	116.2	116.3	116.2	118.6	116.2	116.3
18S 39W 19CDA 01	TO	3510.	100	70		72.7	72.0	72.4	73.4	73.6	74.0	74.2
18S 39W 23CCB 01	TO	3485.	185	113	122.2	132.5	132.2	132.3	133.3	133.2	133.1	133.4
18S 39W 24AAC 01	TO	3467.	183	105			136.7	136.9	140.7	142.3	135.3	135.1

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
16S 39W 02BDC 01	TO	139.7	-59		-2.2	-1.6		139	80	-42
16S 39W 22DCB 01	TO	131.2	-36	-42.4	4.8	-1.0	-2.0	68	32	-53
16S 40W 15ACC 01	TO	151.7	-38	-31.8	-.2	-1.0	-1.5	78	40	-49
16S 40W 17CBC 01	TO	160.3			-1.4					
16S 40W 26ADA 01	TO	118.0	-25		-1.0	-.7		64	39	-39
16S 41W 20BAD 01	TO	170.5	-42	-39.2	-.9	-1.1	-1.9	105	64	-39
16S 41W 33AAB 01	TO									
16S 42W 22BCB 01	TO	200.3	-17	-1.8	9.4	-.5	-.1	54	37	-31
17S 39W 02BAA 01	TO	117.6	-16		0.0	-.4		59	43	-27
17S 39W 22ABB 01	TO	131.7	-14	-8.3	4.8	-.4	-.4	77	63	-18
17S 39W 34CCB 01	TO	96.1	-1		2.7			40	39	-3
17S 40W 15CCB 01	TO	139.8	-16	-11.8	-.5	-.4	-.6	86	70	-19
17S 40W 17BBA 01	TO									
17S 40W 31BBA 01	TO	163.4	-12	4.8	2.3	-.3	.2	67	55	-18
17S 42W 27CBB 01	TO	37.0	-6		-.4	-.2		30	24	-20
18S 39W 07BBD 01	TO	116.3	-7		-.1	-.2		36	29	-19
18S 39W 19CDA 01	TO	74.2	-4		-.2	-.1		30	26	-13
18S 39W 23CCB 01	TO	133.4	-20	-11.2	-.3	-.5	-.5	72	52	-28
18S 39W 24AAC 01	TO	135.1	-30		.2	-.8		78	48	-38



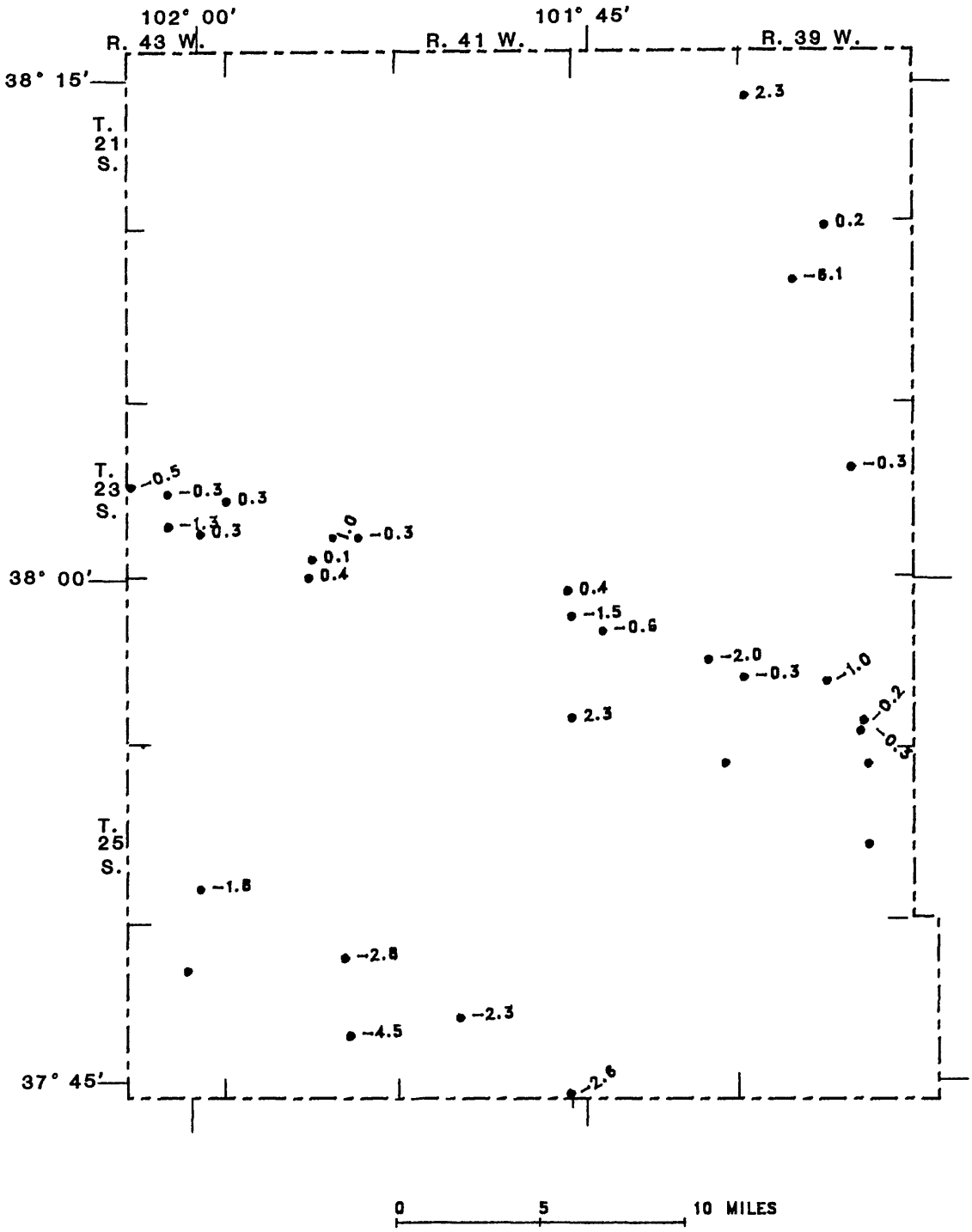
WATER–LEVEL CHANGE IN GREELEY COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
21S 39W 07CBA 01	TO	3497.	215	196	194.0	194.3	189.6	185.7		185.1	185.3	183.0
22S 39W 03BBB 01	TO	3453.	199		191.2	187.2	183.4	183.2	183.3	182.8	183.4	183.2
22S 39W 08DDD 01	TO	3468.	214		178.5	182.2	176.7	176.5		174.7	176.0	182.1
23S 39W 15ADD 01	QU,TO	3325.	144		130.1	129.6	129.6	129.5	129.4	129.1	129.2	129.5
23S 40W 29DDB 01	KU	3397.			240.3	294.1		297.8	301.0	304.6	308.0	309.4
23S 42W 19CBB 01	QA,QU	3339.	67	20	24.1	25.2	25.3	24.7	25.4	26.4	25.7	25.4
23S 42W 26DCA 01	QA	3309.	70	29	23.7	27.5	27.9	28.4	27.5	26.4	25.9	26.2
23S 42W 27DDB 01	QA	3311.	70	23	20.0	25.4	23.9	23.7		23.1	22.9	21.9
23S 42W 34CBB 01	QA	3307.	58	13	9.6	13.0	12.6	11.2	10.7	10.2	10.5	10.4
23S 43W 21ABA 01	QA	3364.	29	15	15.0	16.5	15.6	13.9	13.5	12.2	12.5	13.0
23S 43W 23BCB 01	QA	3356.	68	21	20.5	22.1	21.7	21.9	21.5	21.4	20.8	21.1
23S 43W 25CBD 02	QA	3335.	47	8	8.8	9.9	9.5	9.0	8.3	8.5	8.3	8.0
23S 43W 26BCC 01	QA	3343.	22	7	7.1	8.3	8.5	8.3	7.6	9.3	7.9	9.2
24S 39W 19CBC 01	QA	3175.	65	6	6.7	10.0	10.7	9.8	8.9	9.0	8.4	8.7
24S 39W 22CCB 01	QA	3152.	42	8	11.8	17.3	11.9		10.6	10.5	11.7	12.7
24S 39W 35BAC 01	QA	3143.	43	9	5.4	10.6	10.0	9.8	8.8	8.6	8.5	8.7
24S 39W 35CBA 01	QU	3146.	97	11	11.4	16.8	17.2	16.4	15.5	15.3	15.1	15.4
24S 40W 07CBB 01	QA	3233.	58	14	13.9	16.0	16.2	16.4	15.2	15.0	13.4	14.9
24S 40W 17BBB 01	QA	3221.	71	13		16.1	15.7	15.6	14.8	14.6	13.4	14.0
24S 40W 23AAB 01	QA	3204.	104	26	24.4	27.9	28.0	27.3	27.0	26.5	23.6	25.6
24S 40W 31BBB 01	QU	3287.			63.6	65.4	65.2	65.1	64.9	65.1	66.7	64.4
24S 41W 01DAD 01	QA,QU	3254.	45		14.7	22.8	24.4	25.8	26.1	25.8	25.4	25.0
24S 42W 04AAD 01	QA	3304.	44	7	6.5	11.5	12.1	14.3	13.5	12.7	10.1	9.7
24S 42W 28DDD 01	KJ	3455.			160.0	161.7	163.8	163.3	164.4	164.5		165.3
24S 43W 14CBB 01	KJ	3452.		114	110.8	114.8	115.4	118.2	117.8	117.5	119.6	120.2
25S 39W 02CAD 01	QU,TO	3156.	46	24	27.9	32.9	32.8	34.5	33.2	32.7		34.7
25S 39W 23BDD 01	QU,TO	3286.	133		78.7	92.1	92.2	91.3	91.4	91.1	90.8	
25S 40W 01CA 01	QU	3218.	58	46	45.8	51.1	51.1	51.0	50.8	48.2		
25S 40W 26BBB 01	KJ	3412.		213	215.0	220.6	221.3	221.8	221.5	221.6	221.6	224.7
25S 43W 03ABB 01	KJ	3575.			190.5	257.9	259.6	261.7	266.2	261.6	248.3	266.0
25S 43W 21AAB 01	KJ	3522.			129.4		142.0	143.1	139.1	142.3	140.0	137.1
25S 43W 25CCD 01	QU,TO	3490.	225	101	121.4	145.4	147.4	147.6	147.4		148.6	150.4
26S 41W 12DCC 01	KJ	3379.			186.5	216.1	219.5	224.1	226.3	229.6		
26S 41W 20BBD 01	QU,TO	3317.	242	17	20.7	31.4	32.2	33.0	33.2	33.1	32.4	34.7
26S 41W 36CCC 01	QU,TO	3270.	231	35	29.0	49.0	49.6	52.4	54.3	56.4	56.6	59.2
26S 42W 10BB 02	QU,TO	3405.	245	52	77.2	105.0	106.6	108.4	108.2	110.1	112.2	115.0
26S 42W 17CB 01	QU,TO,KJ	3458.			108.1	161.7	163.2		167.0	169.4	170.8	
26S 42W 22CDB 01	QU,TO	3412.	212	77	93.1	152.2	153.5	162.2	159.0	164.5	163.7	168.2
26S 43W 10DBB 01		3516.	241	118						232.1	233.1	
26S 43W 25DCC 01	QU,TO,KJ	3508.	258	128		203.7	207.5	209.8	211.4	213.4	222.0	218.7

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
21S 39W 07CBA 01	TO	183.0	13	11.0	2.3	.3	.5	19	32	68
22S 39W 03BBB 01	TO	183.2		8.1	.2		.4		16	
22S 39W 08DDD 01	TO	182.1		-3.6	-6.1		-.2		32	
23S 39W 15ADD 01	QU,TO	129.5		.6	-.3				15	
23S 40W 29DDB 01	KU	309.4		-69.1	-1.4		-3.3			
23S 42W 19CBB 01	QA,QU	25.4	-5	-1.3	.3	-.1	-.1	47	42	-11
23S 42W 26DCA 01	QA	26.2	3	-2.4	-.3	.1	-.1	41	44	7
23S 42W 27DDB 01	QA	21.9	1	-1.9	1.0		-.1	47	48	2
23S 42W 34CBB 01	QA	10.4	3	-.7	.1	.1		45	48	7
23S 43W 21ABA 01	QA	13.0	2	2.1	-.5		.1	14	16	14
23S 43W 23BCB 01	QA	21.1		-.5	-.3			47	47	
23S 43W 25CBD 02	QA	8.0		.8	.3			39	39	
23S 43W 26BCC 01	QA	9.2	-2	-2.1	-1.3		-.1	15	13	-13
24S 39W 19CBC 01	QA	8.7	-3	-2.0	-.3	-.1	-.1	59	56	-5
24S 39W 22CCB 01	QA	12.7	-5	-.9	-1.0	-.1		34	29	-15
24S 39W 35BAC 01	QA	8.7		-3.3	-.2		-.2	34	34	
24S 39W 35CBA 01	QU	15.4	-4	-4.0	-.3	-.1	-.2	86	82	-5
24S 40W 07CBB 01	QA	14.9	-1	-1.0	-1.5			44	43	-2
24S 40W 17BBB 01	QA	14.0	-1		-.6			58	57	-2
24S 40W 23AAB 01	QA	25.6		-1.2	-2.0		-.1	78	78	
24S 40W 31BBB 01	QU	64.4		-.8	2.3					
24S 41W 01DAD 01	QA,QU	25.0		-10.2	.4		-.5		20	
24S 42W 04AAD 01	QA	9.7	-3	-3.2	.4	-.1	-.2	37	34	-8
24S 42W 28DDD 01	KJ	165.3		-5.3			-.3			
24S 43W 14CBB 01	KJ	120.2	-6	-9.3	-.6	-.1	-.4			
25S 39W 02CAD 01	QU,TO	34.7	-11	-6.8		-.2	-.3	22	11	-50
25S 39W 23BDD 01	QU,TO									
25S 40W 01CA 01	QU									
25S 40W 26BBB 01	KJ	224.7	-12	-9.7	-3.1	-.3	-.5			
25S 43W 03ABB 01	KJ	266.0		-75.4	-17.7		-3.6			
25S 43W 21AAB 01	KJ	137.1		-7.6	2.9		-.4			
25S 43W 25CCD 01	QU,TO	150.4	-49	-29.0	-1.8	-1.0	-1.4	124	75	-40
26S 41W 12DCC 01	KJ									
26S 41W 20BBD 01	QU,TO	34.7	-18	-14.0	-2.3	-.4	-.7	225	207	-8
26S 41W 36CCC 01	QU,TO	59.2	-24	-30.2	-2.6	-.5	-1.4	196	172	-12
26S 42W 10BB 02	QU,TO	115.0	-63	-37.8	-2.8	-1.3	-1.8	193	130	-33
26S 42W 17CB 01	QU,TO,KJ									
26S 42W 22CDB 01	QU,TO	168.2	-91	-75.1	-4.5	-1.9	-3.6	135	44	-67
26S 43W 10DBB 01										
26S 43W 25DCC 01	QU,TO,KJ	218.7	-91		3.3	-1.9				



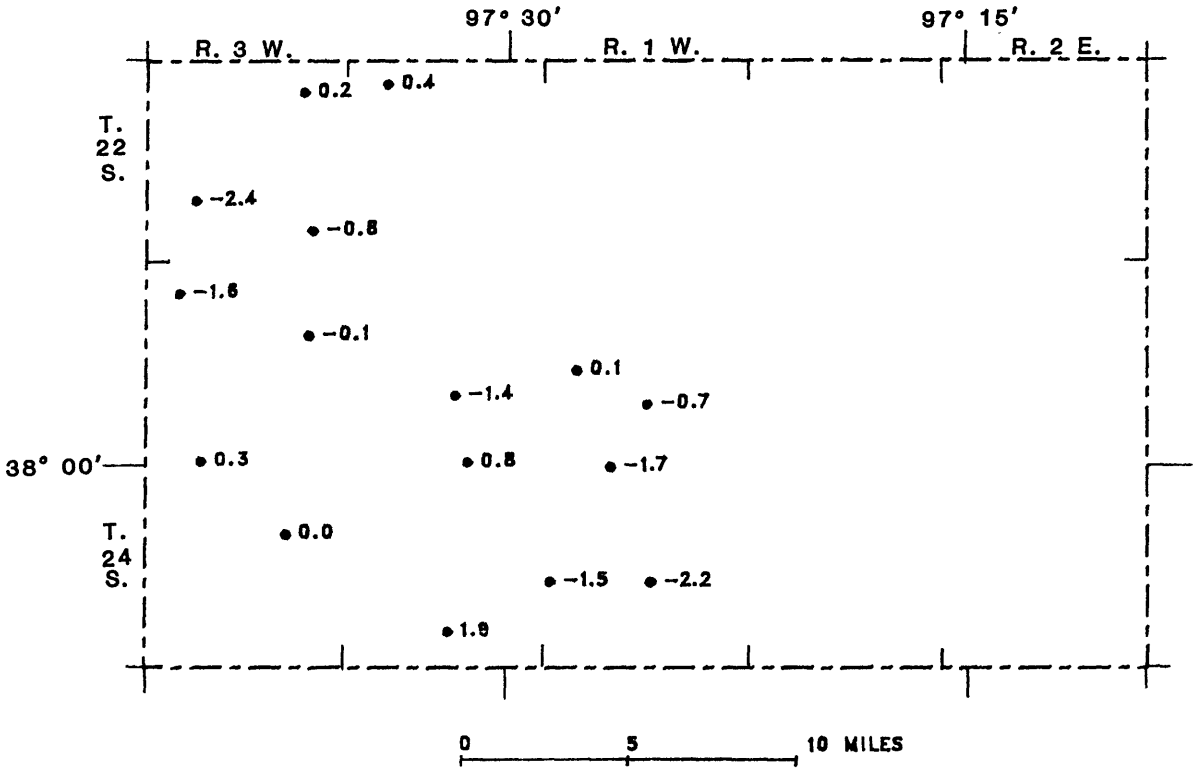
WATER–LEVEL CHANGE IN HAMILTON COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, HARVEY 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 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)	DEPTH TO WATER 1987 (FEET)
22S 02W 05CBD 01		1468.								48.3	47.7	47.3
22S 03W 02DCD 01	QU	1450.							40.3	39.4	34.1	33.9
22S 03W 29BAD 01	QU	1430.								15.8	6.9	9.3
22S 03W 35AAA 01	QU	1420.								10.9	6.1	6.9
23S 01W 19AAC 01	QU	1420.							33.1	33.1	31.6	31.5
23S 01W 28AAD 01		1403.								22.2	19.5	20.2
23S 02W 22CCD 01	QU	1395.								16.3	12.8	14.2
23S 02W 34DCC 01	QU	1398.				13.7	13.7	13.6	13.5	14.8	13.3	12.5
23S 03W 06DDD 01	QU	1495.								73.2	65.9	67.5
23S 03W 14AAC 01	QU	1450.								37.3	32.8	32.9
23S 03W 32DCC 02	QU	1444.				8.9	9.1	9.2	9.6	9.7	8.2	7.9
24S 01W 05AAB 01		1394.									22.3	24.0
24S 01W 19BCC 01	QU	1383.								23.0	18.6	20.1
24S 01W 22BCC 01	QU	1390.								27.8	24.6	26.8
24S 02W 28DDD 01	QU	1403.					36.9	35.5	35.3	36.6	29.8	27.9
24S 03W 14BBB 01	QU	1430.				14.3	15.6	15.1	15.2	15.3	15.3	15.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
22S 02W 05CBD 01		47.3			.4					
22S 03W 02DCD 01	QU	33.9			.2					
22S 03W 29BAD 01	QU	9.3			-2.4					
22S 03W 35AAA 01	QU	6.9			-.8					
23S 01W 19AAC 01	QU	31.5			.1					
23S 01W 28AAD 01		20.2			-.7					
23S 02W 22CCD 01	QU	14.2			-1.4					
23S 02W 34DCC 01	QU	12.5			.8					
23S 03W 06DDD 01	QU	67.5			-1.6					
23S 03W 14AAC 01	QU	32.9			-.1					
23S 03W 32DCC 02	QU	7.9			.3					
24S 01W 05AAB 01		24.0			-1.7					
24S 01W 19BCC 01	QU	20.1			-1.5					
24S 01W 22BCC 01	QU	26.8			-2.2					
24S 02W 28DDD 01	QU	27.9			1.9					
24S 03W 14BBB 01	QU	15.3			0.0					



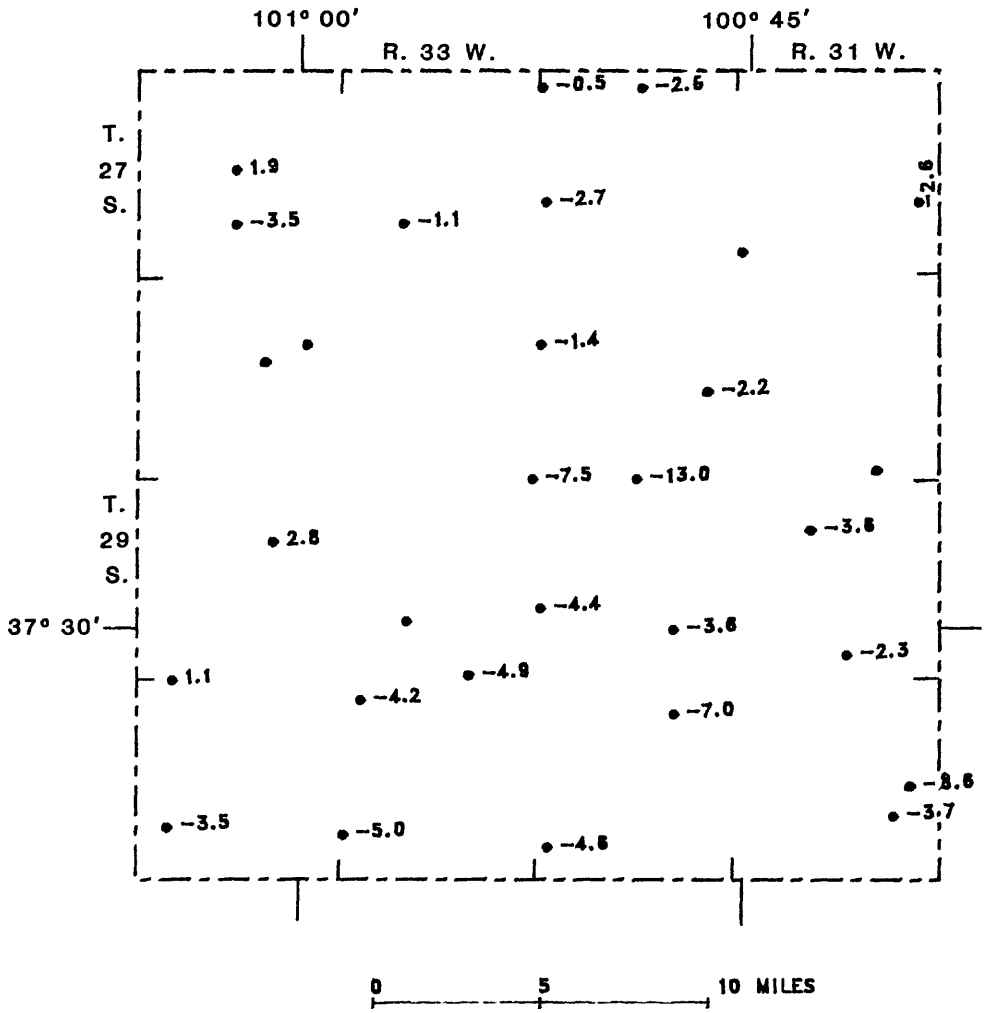
WATER–LEVEL CHANGE IN HARVEY COUNTY, 1986–87

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 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)	DEPTH TO WATER 1987 (FEET)
27S 31W 24CDC 01	QU,TC	2816.	366	94	97.8	139.8	143.4	140.0		152.9	147.7	150.3
27S 31W 31BCC 01	QU,TC	2895.	520	151	154.8	194.0	195.2	193.3	194.8	199.6		204.9
27S 32W 03CBB 01		2872.		92						138.1	139.9	142.5
27S 32W 06C3B 01	QU,TC	2905.	465	107			144.3	145.5	147.8	152.8	154.9	155.4
27S 32W 19CCD 01	QU,TC	2906.	456	118	130.0	176.2	171.9	171.2	173.7	177.7	181.0	183.7
27S 33W 29DAA 01	QU,TC	2995.	540	194	186.3	252.0	252.5	257.0	256.9	265.4	270.8	271.9
27S 34W 16DDD 01		3000.						179.5	181.2	184.3	192.8	190.9
27S 34W 28DAA 02		3042.					224.3		227.4	230.8	234.2	237.7
28S 31W 35CCB 01	QU,TC	2863.	443	156	171.9	201.7	202.8	205.6	207.6	210.6		215.4
28S 32W 18B3B 01	QU,TC	2951.	581	192	203.3	285.7			296.6	303.4	301.1	302.5
28S 32W 24BCC 01	QU,TC	2910.	549	175	181.5	215.4	218.1	219.6	221.1	231.6	229.5	231.7
28S 34W 13BBB 01	QU,TC	3022.	547	247	260.8	338.1	345.7	351.9	356.6	360.2	366.9	
28S 34W 15DAB 01	QU,TC	3020.	570	243	263.0		338.4		351.3	358.5		370.7
29S 31W 09CB 01	QU,TC	2871.	466	166	169.4	201.3	202.7	204.8	205.4	216.7	220.0	223.6
29S 31W 34BCA 01	QU,TC	2858.	468	168	172.7	207.5		216.3	224.6	218.5	222.4	224.7
29S 32W 04AAA 01		2914.									247.3	260.3
29S 32W 19CCC 01	QU,TC	2923.	598	208	218.2		277.7	280.4	282.7	286.5	291.6	296.0
29S 32W 26CBB 02	QU,TC	2895.		191	204.1	245.9	246.1	255.5	255.2	255.3	257.5	261.1
29S 33W 01AAB 01	QU,TC	2946.	601	213	226.3		319.8	326.9	329.1	327.6	329.0	336.5
29S 33W 28BCB 01	QU,TC	2963.	558	212		285.3	291.5	296.4	299.3	299.3		307.6
29S 33W 34DDD 01		2950.								304.6	310.0	314.9
29S 34W 11CCC 01		2969.									306.7	303.9
30S 31W 24BBC 01		2831.									204.5	213.1
30S 31W 26ABB 01		2834.								227.3	229.2	232.9
30S 32W 11BBB 01	QU,TO	2885.	560	188	202.4	248.1	250.9	255.2	258.1	252.9	263.1	270.1
30S 32W 31BAB 01	QU,TO	2906.	466	194	202.0	259.8	268.5	270.6	258.7	256.6	259.4	264.0
30S 33W 06DBD 01	QU,TC	2986.	596	233	241.4	293.4	303.9	303.1	301.2	298.1	301.7	305.9
30S 33W 30CBD 01	QU,TC	2963.	513	215	219.7	240.5	249.6	253.8	253.9	257.5	265.7	270.7
30S 34W 05BBB 01	QU,TC	3006.	531	223	232.7	295.3	307.2	315.9	320.1	308.3	302.2	301.1
30S 34W 30ADD 02		2843.		63		91.2		93.8	92.6	96.2	105.5	109.0

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
27S 31W 24CDC 01	QU,TO	150.3	-56	-52.5	-2.6	-1.2	-2.5	272	216	-21
27S 31W 31BCC 01	QU,TO	204.9	-54	-50.1		-1.1	-2.4	369	315	-15
27S 32W 03CBB 01		142.5	-51		-2.6	-1.1				
27S 32W 06CBB 01	QU,TO	155.4	-48		-.5	-1.0		358	310	-13
27S 32W 19CCD 01	QU,TO	183.7	-66	-53.7	-2.7	-1.4	-2.6	338	272	-20
27S 33W 29DAA 01	QU,TO	271.9	-78	-85.6	-1.1	-1.7	-4.1	346	268	-23
27S 34W 16DDD 01		190.9			1.9					
27S 34W 28DAA 02		237.7			-3.5					
28S 31W 35CCB 01	QU,TO	215.4	-59	-43.5		-1.3	-2.1	287	228	-21
28S 32W 18BBB 01	QU,TO	302.5	-111	-99.2	-1.4	-2.4	-4.7	339	279	-28
28S 32W 24BCC 01	QU,TO	231.7	-57	-50.1	-2.2	-1.2	-2.4	374	317	-15
28S 34W 13BBB 01	QU,TO									
28S 34W 15DAB 01	QU,TO	370.7	-128	-107.7		-2.7	-5.1	327	199	-39
29S 31W 09CB 01	QU,TO	223.6	-58	-54.1	-3.6	-1.2	-2.6	300	242	-19
29S 31W 34BCA 01	QU,TO	224.7	-57	-51.9	-2.3	-1.2	-2.5	300	243	-19
29S 32W 04AAA 01		260.3			-13.0					
29S 32W 19CCC 01	QU,TO	296.0	-88	-77.8	-4.4	-1.9	-3.7	390	302	-23
29S 32W 26CBB 02	QU,TO	261.1	-70	-57.0	-3.6	-1.5	-2.7			
29S 33W 01AAB 01	QU,TO	336.5	-124	-110.2	-7.5	-2.6	-5.2	388	265	-32
29S 33W 28BCB 01	QU,TO	307.6	-96			-2.0		346	250	-28
29S 33W 34DDD 01		314.9			-4.9					
29S 34W 11CCC 01		303.9			2.8					
30S 31W 24BBC 01		213.1			-8.6					
30S 31W 26ABB 01		232.9			-3.7					
30S 32W 11BBB 01	QU,TO	270.1	-82	-67.7	-7.0	-1.7	-3.2	372	290	-22
30S 32W 31BAB 01	QU,TO	264.0	-70	-62.0	-4.6	-1.5	-3.0	272	202	-26
30S 33W 06DBD 01	QU,TO	305.9	-73	-64.5	-4.2	-1.6	-3.1	363	290	-20
30S 33W 30CBD 01	QU,TO	270.7	-56	-50.9	-5.0	-1.2	-2.4	298	242	-19
30S 34W 05BBB 01	QU,TO	301.1	-78	-68.3	1.1	-1.7	-3.3	308	230	-25
30S 34W 30ADD 02		109.0	-46		-3.5	-1.0				



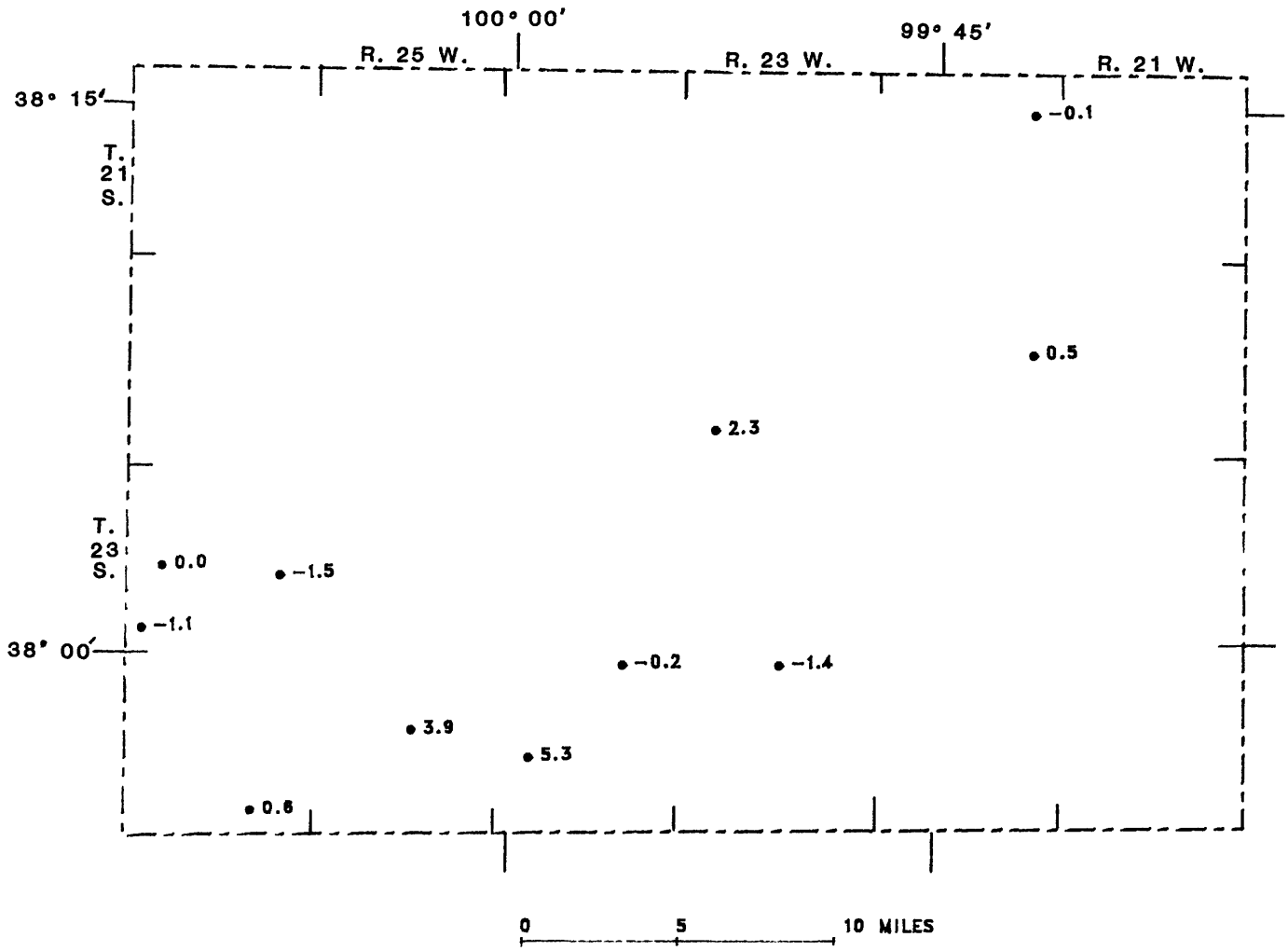
WATER–LEVEL CHANGE IN HASKELL COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, HODGEMAN 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 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)	DEPTH TO WATER 1987 (FEET)
21S 22W 12BCB 01	QA	2156.			35.5		50.2	51.1	50.6	51.3	51.1	51.2
22S 22W 13CCC 01	QA	2152.			24.0	29.7	28.3	28.3	31.1	34.0	34.1	33.6
22S 23W 31ADD 01		2340.					143.5			146.5	140.9	138.6
22S 24W 14BBC 01	KD	2460.					276.7		280.9	273.3	266.3	267.6
22S 24W 15BDA 01	KD	2463.					278.0		282.3	271.6	265.3	266.4
22S 24W 16ADB 02	KD	2465.					271.7			269.7	262.2	269.5
22S 24W 24DDD 01	KD	2360.					170.2	183.4	180.2	171.9		160.8
22S 24W 25DDC 01	KD	2332.					145.9	156.5	154.4		138.7	138.4
22S 24W 26DDA 01	KD	2365.					159.6	157.0	150.1	158.7		152.8
22S 24W 35DAC 01	KD	2312.					126.4	140.5	135.8	138.0	127.7	118.3
23S 22W 07DAA 01	KD	2239.					83.0	78.9	77.4	79.1	78.2	76.7
23S 23W 04AAD 01	KD	2235.				43.0	33.9	36.7	40.0	33.7	32.4	31.6
23S 23W 04DCA 01	KD	2236.				35.0	35.9	40.4	42.7	38.7	33.0	37.2
23S 23W 12ABD 01	KD	2256.					96.7	84.0	79.4	82.4	88.3	86.2
23S 24W 11DAA 01	KD	2335.				163.2	145.4	152.1	155.0		138.2	136.1
23S 25W 22DBB 01	KD	2522.				275.6	267.5	264.8	267.3	265.5	259.1	
23S 26W 07CCC 01	KD	2612.				327.7			323.3	323.2	325.3	327.7
23S 26W 20CCC 01		2594.								48.7	46.2	46.2
23S 26W 26AAD 01		2590.								70.7	67.7	69.2
23S 26W 31CDD 01	TO	2621.	122	71		71.3	70.6	70.6	69.6	70.4	67.5	68.6
24S 21W 20CBB 01	KD	2348.				78.8	77.6	77.3	77.7	77.8	79.2	77.6
24S 23W 03CCC 01	TO	2422.	90			56.2	56.1	56.3	57.7	57.0	57.3	58.7
24S 23W 06AAB 01	KD	2457.					220.6	264.0	215.1	214.7	212.1	211.3
24S 24W 02CCC 01	TO	2478.	90				54.6	54.9		58.3	59.4	59.6
24S 24W 20CCC 01	TO	2511.	86			64.3	65.8	65.1	63.6	64.1	68.4	63.1
24S 25W 22BAB 01		2545.								85.0	84.1	80.2
24S 26W 35CBC 01	TO	2608.		63		62.8	62.4	61.6	61.9	61.5	61.1	60.5

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
21S 22W 12BCB 01	QA	51.2		-15.7	-.1		-.7			
22S 22W 13CCC 01	QA	33.6		-9.5	.5		-.5			
22S 23W 31ADD 01		138.6			2.3					
22S 24W 14BBC 01	KD	267.6			-1.3					
22S 24W 15BDA 01	KD	266.4			-1.1					
22S 24W 16ADB 02	KD	269.5			-7.3					
22S 24W 24DDD 01	KD	160.8								
22S 24W 25DDC 01	KD	138.4			.3					
22S 24W 26DDA 01	KD	152.8								
22S 24W 35DAC 01	KD	118.3			9.4					
23S 22W 07DAA 01	KD	76.7			1.5					
23S 23W 04AAD 01	KD	31.6			.8					
23S 23W 04DCA 01	KD	37.2			-4.2					
23S 23W 12ABD 01	KD	86.2			2.1					
23S 24W 11DAA 01	KD	136.1			2.1					
23S 25W 22DBB 01	KD									
23S 26W 07CCC 01	KD	327.7			-2.4					
23S 26W 20CCC 01		46.2			0.0					
23S 26W 26AAD 01		69.2			-1.5					
23S 26W 31CDD 01	TO	68.6	2		-1.1			51	53	4
24S 21W 20CBB 01	KD	77.6			1.6					
24S 23W 03CCC 01	TO	58.7			-1.4				31	
24S 23W 06AAB 01	KD	211.3			.8					
24S 24W 02CCC 01	TO	59.6			-.2				30	
24S 24W 20CCC 01	TO	63.1			5.3				23	
24S 25W 22BAB 01		80.2			3.9					
24S 26W 35CBC 01	TO	60.5	3		.6	.1				



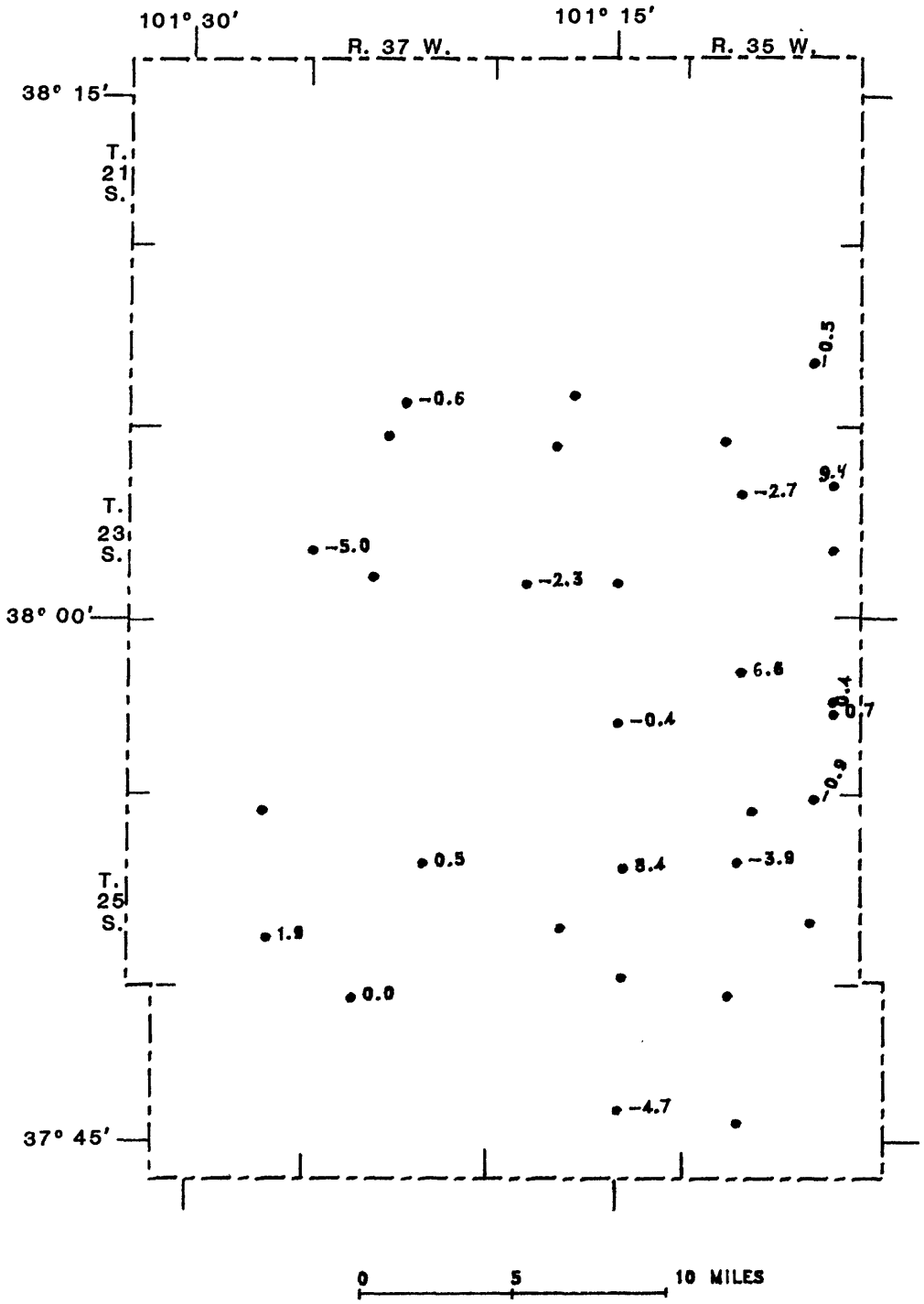
WATER–LEVEL CHANGE IN HODGEMAN COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, KEARNY 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 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)	DEPTH TO WATER 1987 (FEET)
22S 35W 23CDD 01	TO	3025.	175	95	107.6	126.0	127.4	128.4	129.3	130.8	131.5	132.0
22S 36W 28DCC 01		3215.	210	167						177.7		172.8
22S 37W 34BBC 01		3230.									135.2	135.8
23S 35W 05ACC 01	TO	3096.	180	118	122.7	149.1				150.9		
23S 35W 12CCC 01	QU,TC	3009.	369	67	79.1	159.4	156.8	168.1	161.5	154.6	153.3	143.9
23S 35W 16BBC 01		3038.	263	52						136.8	139.7	142.4
23S 35W 25BBB 02	QU,TC	3005.	385	46	59.1		128.0	132.7	125.2	121.1	120.2	
23S 36W 04CBB 01	TO	3183.	198	142	132.9	143.7	142.2	147.4	144.9	145.4		143.9
23S 36W 32BBB 01	TO	3234.	305	189	218.0	236.8	236.6	238.5	236.8	236.9	235.9	238.2
23S 36W 35BBB 01		3193.	293	169						214.0		213.5
23S 37W 04ABC 01	TO	3281.	233	183		189.0	188.8	190.2	190.7	200.3		190.7
23S 37W 19CCC 01	TO	3326.	294	223	232.9		256.7	255.7	247.4	246.7	244.4	249.4
23S 37W 28CCB 01	TO	3303.	300	218	236.9	257.9	256.9	258.9	256.1	255.1		254.7
24S 35W 09CCC 01	QU,TO	2998.	358	30	31.0	50.6	55.7	64.6	48.0	42.4	42.6	36.0
24S 35W 13CCC 02	QA	2941.	346	12	8.2	22.7	23.7	23.7	19.2	18.2	16.5	16.1
24S 35W 24BCB 01	QA	2941.	341	11						29.3	27.1	26.4
24S 36W 23CBB 02	QU,TC	3014.	310	26	24.8		40.5	38.8	38.7	34.6	31.9	32.3
25S 35W 02BAA 01	QU,TC	2990.	400	52		91.1	94.3	95.8	96.2	99.3	100.7	101.6
25S 35W 04BDD 01		2990.	410	40						41.9		70.3
25S 35W 17AAA 01	QU,TC	2995.	405	37		82.3	84.5	88.9	88.7	90.7	94.6	98.5
25S 35W 26BAB 01	QU,TC	3005.	450	70		103.8	109.2	112.4	113.1	115.7	117.3	
25S 36W 14B 01		3050.								99.9	99.9	91.5
25S 36W 28BBD 01	QU,TC	3050.	362	51		86.0	90.2	93.5	96.5	87.2	91.0	
25S 36W 35CCA 01		3025.										101.6
25S 37W 15ABA 02	QA	3050.	30	5		9.6	9.9	9.6	9.2	8.8	9.0	8.5
25S 37W 25BAD 02	QU,TC,KJ	3056.	156	41	38.1	63.4	64.9	66.4	66.9		69.1	
25S 38W 02BDA 01		3170.								96.7		
25S 38W 08CAA 01	QU,TC,KJ	3140.	90	30	37.5	43.7	44.4	44.5	44.7	38.6	45.0	44.9
25S 38W 20ACC 01	QU,TC,KJ	3175.	75	65	63.2	70.5	70.7	70.6	70.7	70.8	71.0	71.2
25S 38W 26ACC 01	QU,TC	3145.	145	63	65.4	77.4	79.9	81.3	81.6	77.6	77.5	75.6
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		179.9
26S 36W 22CCA 01		3090.	440	125			160.7	163.3	165.9	168.9	172.6	177.3
26S 37W 06ACB 01	QU,TC	3092.	102		26.1	30.5	30.3	29.9	29.9	30.9	30.7	30.7

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
22S 35W 23CDD 01	TO	132.0	-37	-24.4	-.5	-.8	-1.2	80	43	-46
22S 36W 28DCC 01		172.8	-6			-.1		43	37	-14
22S 37W 34BBC 01		135.8			-.6					
23S 35W 05ACC 01	TO									
23S 35W 12CCC 01	QU,TO	143.9	-77	-64.8	9.4	-1.6	-3.1	302	225	-25
23S 35W 16BBC 01		142.4	-90		-2.7	-1.9		211	121	-43
23S 35W 25BBB 02	QU,TO									
23S 36W 04C9B 01	TO	143.9	-2	-11.0			-.5	56	54	-4
23S 36W 32BBB 01	TO	238.2	-49	-20.1	-2.3	-1.0	-1.0	116	67	-42
23S 36W 35B9B 01		213.5	-45			-1.0		124	80	-35
23S 37W 04ABC 01	TO	190.7	-8			-.2		50	42	-16
23S 37W 19CCC 01	TO	249.4	-26	-16.5	-5.0	-.6	-.8	71	45	-37
23S 37W 28CCB 01	TO	254.7	-37	-17.7		-.8	-.8	82	45	-45
24S 35W 09CCC 01	QU,TO	36.0	-6	-5.0	6.6	-.1	-.2	328	322	-2
24S 35W 13CCC 02	QA	16.1	-4	-7.8	.4	-.1	-.4	334	330	-1
24S 35W 24BCB 01	QA	26.4	-15		.7	-.3		330	315	-5
24S 36W 23CBB 02	QU,TO	32.3	-6	-7.4	-.4	-.1	-.4	284	278	-2
25S 35W 02BAA 01	QU,TO	101.6	-50		-.9	-1.1		348	298	-14
25S 35W 04BDD 01		70.3	-30			-.6		370	340	-8
25S 35W 17AAA 01	QU,TO	98.5	-62		-3.9	-1.3		368	307	-17
25S 35W 26BAB 01	QU,TO									
25S 36W 14B 01		91.5			8.4					
25S 36W 28BBD 01	QU,TO									
25S 36W 35CCA 01		101.6								
25S 37W 15ABA 02	QA	8.5	-4		.5	-.1		25	22	-12
25S 37W 25BAD 02	QU,TO,KJ									
25S 38W 02BDA 01										
25S 38W 08CAA 01	QU,TO,KJ	44.9	-15	-7.3	.1	-.3	-.3			
25S 38W 20ACC 01	QU,TO,KJ	71.2	-6	-7.9	-.2	-.1	-.4			
25S 38W 26ACC 01	QU,TO	75.6	-13	-10.2	1.9	-.3	-.5	82	69	-16
26S 35W 06ACC 01	QU									
26S 35W 29BBD 01		179.9	-67			-1.4				
26S 36W 22CCA 01		177.3	-52		-4.7	-1.1		315	263	-17
26S 37W 06ACB 01	QU,TO	30.7		-4.6	0.0		-.2		71	



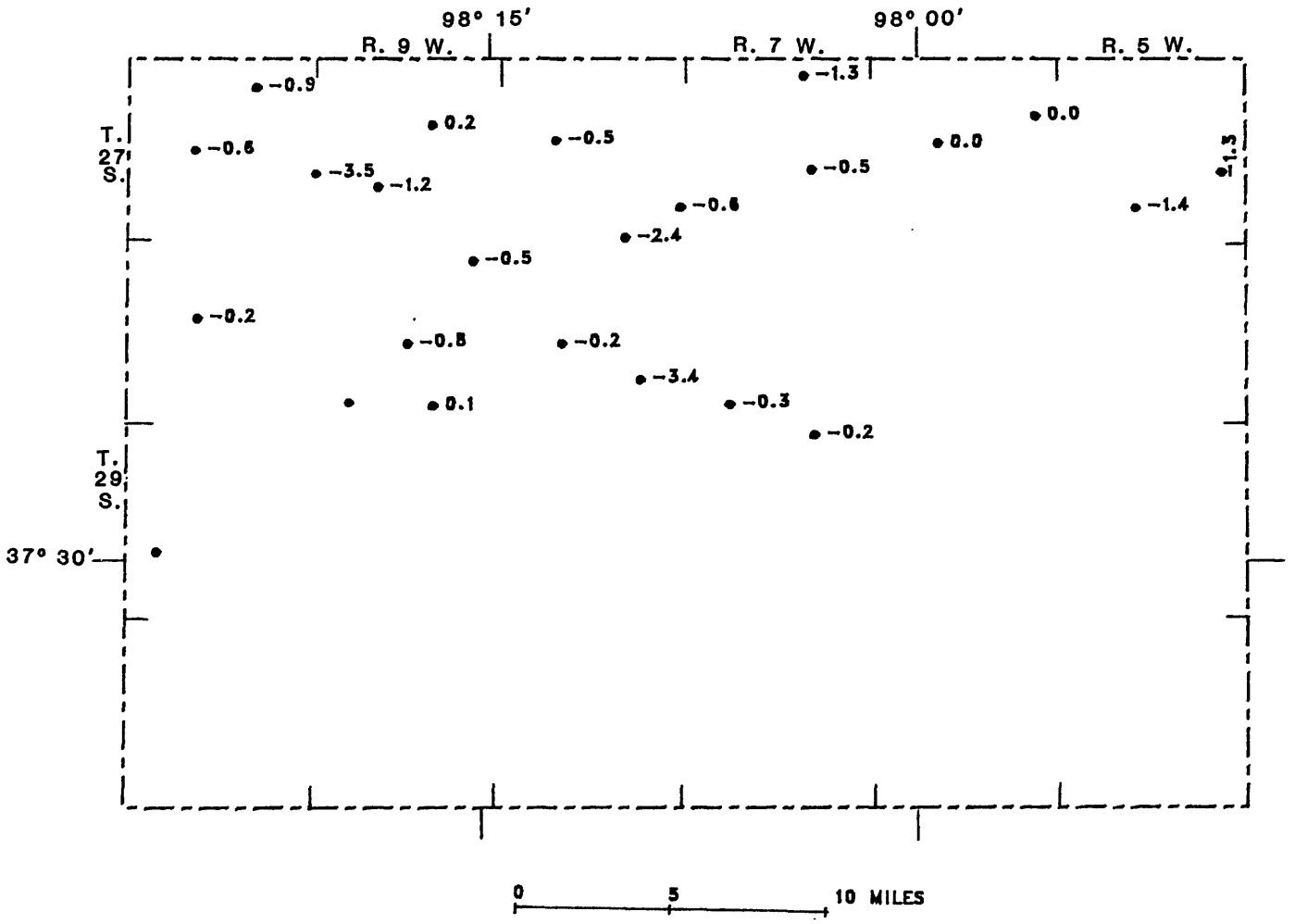
WATER–LEVEL CHANGE IN KEARNY COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, KINGMAN 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 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)	DEPTH TO WATER 1987 (FEET)
27S 05W 24CDC 01	QU	1477.		14	12.6	17.1	16.4	15.4	15.7	15.6	11.1	12.4
27S 05W 33ABB 02	QU	1460.	60	25	4.0		6.8	7.5	8.0	3.9	3.7	5.1
27S 06W 12CCD 01	QU	1488.		7	6.6	13.5	9.6	10.8	8.9	8.6	7.1	7.1
27S 06W 16CCB 01		1462.	17	1	.9	3.9	2.9	3.3	2.5	2.4	2.6	2.6
27S 07W 03ADC 01	QU	1545.	25	20	8.2	12.8	11.0	11.1	8.9	8.4	5.6	6.9
27S 07W 23BCC 01	QU	1567.	14		7.3	8.4	8.6	8.4	8.0	7.0	6.1	6.6
27S 08W 17DAB 01	QU	1665.	118	45	34.4	35.5	37.2	36.2	37.1	36.8	34.7	35.2
27S 08W 25DAD 01		1622.	67			20.5	21.3	20.9	21.9	20.0	18.4	19.0
27S 08W 35CBC 01	QU	1610.	54	32	20.4	23.9	21.7	21.8	22.3	21.7	20.3	22.7
27S 09W 15ABA 01	QU	1702.	153	50	49.8	48.4	49.1	48.3	48.1	47.7	45.8	45.6
27S 09W 29AAA 01		1700.		30		23.3	23.8	23.6	24.3	24.3	23.1	24.3
27S 10W 03DDD 01	QU	1743.	145	33	51.0	53.2	50.9	50.9	51.6	52.0	50.6	51.5
27S 10W 17DDD 01	QU	1755.	171	77	61.9	61.3	62.7	62.6	63.2	63.2	62.7	63.3
27S 10W 24DAD 01	QU	1692.	117	20	16.0	15.3	15.9	15.9	16.2	18.4	15.0	18.5
28S 07W 29CDD 01	QU	1601.	151	30	26.6	27.3	27.3	27.0	26.6	25.8	24.9	25.2
28S 07W 35CCD 01	QU	1585.		23	21.9	22.2	21.9	21.9	21.3	21.2	20.2	20.4
28S 08W 21BBB 01	QU	1562.	49	1	2.3	2.6	2.5	2.6	2.8	2.4	1.9	2.1
28S 08W 26ABC 01	QU	1652.		77	63.2	65.1	76.1	69.0	61.6	62.7	59.6	63.0
28S 09W 01BCC 01		1580.	55	15	7.5		7.4	7.7	7.9	7.6	6.7	7.2
28S 09W 21AAA 01	QU	1666.	118	34	28.1	29.3	29.8	28.9	29.3	28.7	27.1	27.9
28S 09W 29CCC 01	QU	1708.	107	30	32.7	34.1	34.1	33.8	33.6	33.0	31.3	
28S 09W 34AAB 01	QU	1690.	75	41	42.8	44.7	44.6	44.2	44.5	43.9	41.7	41.6
28S 10W 16BCB 01	QU	1756.	154	51	50.2	50.6	50.9	50.8	51.2	53.8	48.8	49.0
29S 10W 19DDB 01		1765.										23.2

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
27S 05W 24CDC 01	QU	12.4	2	.2	-1.3					
27S 05W 33ABB 02	QU	5.1	20	-1.1	-1.4	.5	-.1	35	55	57
27S 06W 12CCD 01	QU	7.1		-.5	0.0					
27S 06W 16CCB 01		2.6	-2	-1.7	0.0		-.1	16	14	-13
27S 07W 03ADC 01	QU	6.9	13	1.3	-1.3	.3	.1	5	18	260
27S 07W 23BCC 01	QU	6.6		.7	-.5		.1		7	
27S 08W 17DAB 01	QU	35.2	10	-.8	-.5	.2	-.1	73	83	14
27S 08W 25DAD 01		19.0			-.6				48	
27S 08W 35CBC 01	QU	22.7	9	-2.3	-2.4	.2	-.2	22	31	41
27S 09W 15ABA 01	QU	45.6	4	4.2	.2	.1	.3	103	107	4
27S 09W 29AAA 01		24.3	6		-1.2	.1				
27S 10W 03DDD 01	QU	51.5	-19	-.5	-.9	-.4		112	94	-16
27S 10W 17DDD 01	QU	63.3	14	-1.4	-.6	.3	-.1	94	108	15
27S 10W 24DAD 01	QU	18.5	2	-2.5	-3.5		-.2	97	99	2
28S 07W 29CDD 01	QU	25.2	5	1.4	-.3	.1	.1	121	126	4
28S 07W 35CCD 01	QU	20.4	3	1.5	-.2	.1	.1			
28S 08W 21BBB 01	QU	2.1	-1	.2	-.2			48	47	-2
28S 08W 26ABC 01	QU	63.0	14	.2	-3.4	.3				
28S 09W 01BCC 01		7.2	8	.3	-.5	.2		40	48	20
28S 09W 21AAA 01	QU	27.9	6	.2	-.8	.1		84	90	7
28S 09W 29CCC 01	QU									
28S 09W 34AAB 01	QU	41.6	-1	1.2	.1		.1	34	33	-3
28S 10W 16BCB 01	QU	49.0	2	1.2	-.2		.1	103	105	2
29S 10W 19DDB 01		23.2								



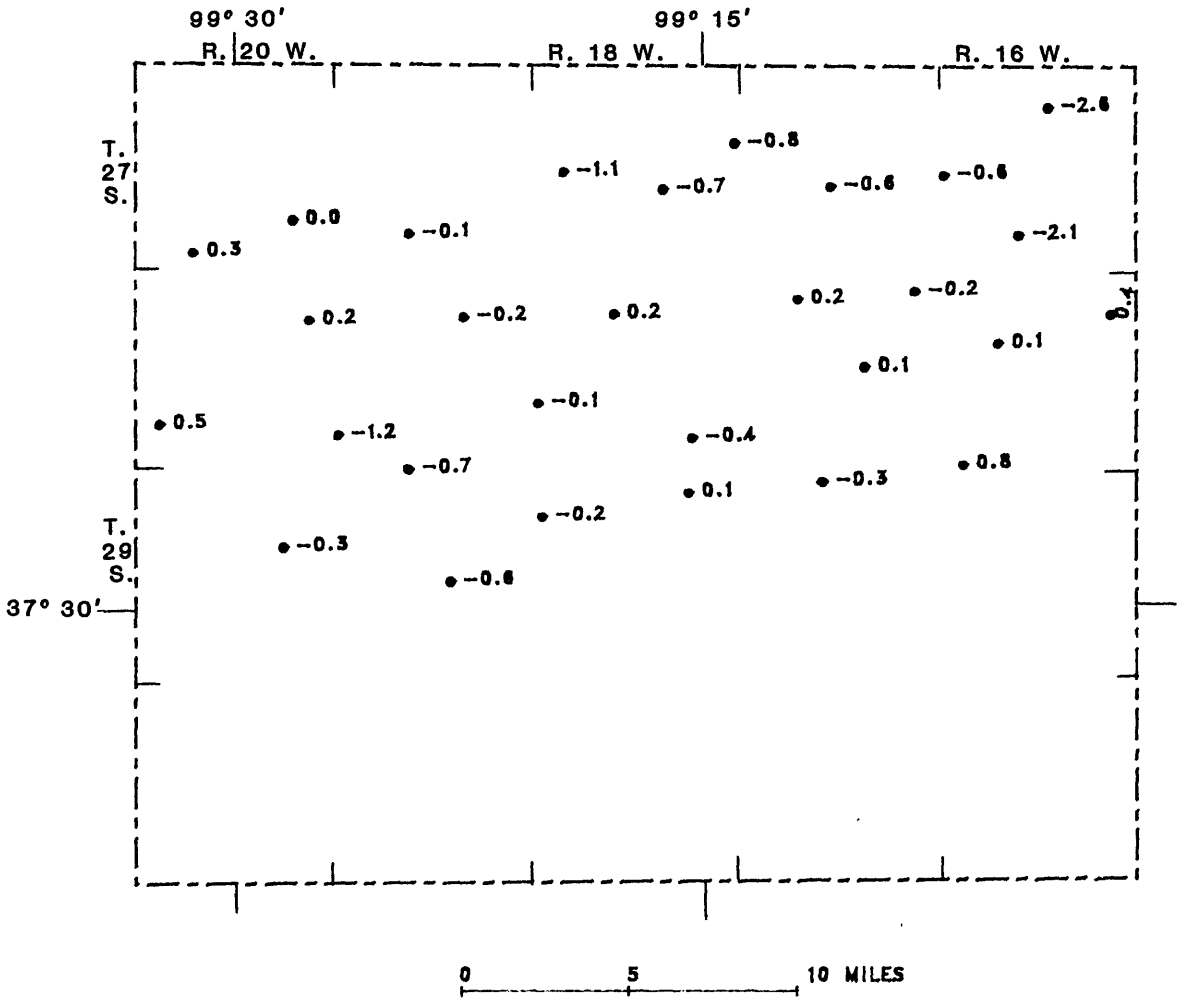
WATER–LEVEL CHANGE IN KINGMAN COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, KIOWA 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 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)	DEPTH TO WATER 1987 (FEET)
27S 16W 10BAC 01	QU	2088.	248	23	12.1	22.3	23.0	25.7	25.4	26.0	25.4	28.0
27S 16W 19BBD 01	QU	2112.	182	37	20.3	29.5	30.3	31.8	32.2	32.6	32.1	32.7
27S 16W 28CDD 01	QU	2120.	168	65	56.7	61.5	62.5	64.9	66.0	66.5	65.6	67.7
27S 17W 21ADC 01	QU	2140.	175	39	24.4	33.0	33.0	34.4	33.8	34.4	34.1	34.7
27S 18W 13AAA 01	QU	2152.	219	24	15.6	21.6	22.9	24.1	23.8	24.3	23.3	24.1
27S 18W 18DDC 01	QU	2192.	187	26	15.7		17.0	18.1	17.6	19.4	18.9	20.0
27S 18W 22ADC 01	QU	2175.	210	29	14.1	21.2	23.2	23.7	23.9	23.9	23.1	23.8
27S 19W 28C3D 01	QU	2262.	187	60	67.9	71.8	73.2	73.3	73.2	73.7	73.3	73.4
27S 20W 26ABD 01	QU	2274.	174	38	40.6	41.8	42.5	44.3	45.0	44.3	42.9	42.9
27S 20W 32ABD 01	QU	2308.	108	36	45.2	44.7	44.5	45.2	45.3	46.5	46.0	45.7
28S 16W 12BCA 01	QU	2111.	211	92	101.0	97.7	98.2	99.1	98.4	101.1	100.9	100.5
28S 16W 17AAC 01	QU	2165.	245	120	118.0		115.6	116.3	116.0	117.3	117.1	117.0
28S 16W 31DCA 01		2110.	192	75						70.3	71.5	70.7
28S 17W 01CAB 01	QU	2135.	180	65	55.6	57.9	58.6	59.6	59.7	60.1	59.8	60.0
28S 17W 05DDB 01	QU	2163.	163	65	62.0	56.9	57.3	58.1	58.0	60.5	60.3	60.1
28S 17W 15DDB 01	QU	2178.	191	105	96.0	95.4	95.5	96.0	96.4	97.0	96.7	96.6
28S 18W 09BAC 01	QU	2221.	182	66	61.7	62.6	63.3	64.0	64.7	64.9	64.5	64.3
28S 18W 19CCB 01	QU	2268.		103	88.0	87.6	87.7	88.1	88.6	89.0	88.6	88.7
28S 18W 26DCA 01	QU	2231.	181	119	119.0		117.7	120.0	120.5	121.3	119.9	120.3
28S 19W 10AAC 01	TO						92.9	92.5	92.3	92.7	92.8	93.0
28S 19W 30C3C 01	QU	2335.	185	116	115.0	113.7	112.9	112.7	113.5	113.4	112.6	113.8
28S 19W 33CBD 01	QU	2325.	220	133	134.0	133.8	133.9	133.1	135.5	133.2	133.9	134.6
28S 20W 12BBD 01	QU	2288.	190	64	55.7	55.8	56.3	56.9	57.0	57.5	57.2	57.0
28S 20W 30ACA 01	QU	2319.	69	32	39.4	41.5	42.4	41.4	41.7	42.1	41.6	41.1
29S 17W 04ABC 01	QU	2125.	122	60	50.0	51.4	51.9	52.1	51.9	51.9	51.6	51.9
29S 18W 02ACC 01	TO	2251.	196			143.6	143.3	143.4	144.4	143.4	143.0	142.9
29S 18W 07BBD 01	QU	2311.	256	155	153.5	155.2	154.1	153.8	155.2	154.0	153.3	153.5
29S 19W 22BAA 01	QU	2340.	250	158	157.0	156.8	155.6	156.3	157.7	156.7	156.1	156.7
29S 20W 11CDD 01	QU	2398.		170	168.0	167.4	167.4	167.1	166.8	166.9	166.1	166.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
27S 16W 10BAC 01	QU	23.0		-15.9	-2.6		-1.2	220	220	
27S 16W 19BBD 01	QU	32.7	4	-12.4	-.6	.1	-1.0	145	149	3
27S 16W 28CDD 01	QU	67.7	-3	-11.0	-2.1	-.1	-.8	103	100	-3
27S 17W 21ADC 01	QU	34.7	4	-10.3	-.6	.1	-.8	136	140	3
27S 18W 13AAA 01	QU	24.1		-8.5	-.8		-.7	195	195	
27S 18W 18DDC 01	QU	20.0	6	-4.3	-1.1	.1	-.3	161	167	4
27S 18W 22ADC 01	QU	23.8	5	-9.7	-.7	.1	-.7	181	186	3
27S 19W 28CBD 01	QU	73.4	-13	-5.5	-.1	-.3	-.4	127	114	-10
27S 20W 26ABD 01	QU	42.9	-5	-2.3	0.0	-.1	-.2	136	131	-4
27S 20W 32ABD 01	QU	45.7	-10	-.5	.3	-.2		72	62	-14
28S 16W 12BCA 01	QU	100.5	-9	.5	.4	-.2		119	111	-7
28S 16W 17AAC 01	QU	117.0	3	1.0	.1	.1	.1	125	128	2
28S 16W 31DCA 01		70.7	4		.8	.1		117	121	3
28S 17W 01CAB 01	QU	60.0	5	-4.4	-.2	.1	-.3	115	120	4
28S 17W 05DDB 01	QU	60.1	5	1.9	.2	.1	.1	98	103	5
28S 17W 15DDB 01	QU	96.6	8	-.6	.1	.2		86	94	9
28S 18W 09BAC 01	QU	64.3	2	-2.6	.2		-.2	116	118	2
28S 18W 19CCB 01	QU	88.7	14	-.7	-.1	.3	-.1			
28S 18W 26DCA 01	QU	120.3	-1	-1.3	-.4		-.1	62	61	-2
28S 19W 10AAC 01	TO	93.0			-.2					
28S 19W 30CBC 01	QU	113.8	2	1.2	-1.2		.1	69	71	3
28S 19W 33CBD 01	QU	134.6	-2	-.6	-.7			87	85	-2
28S 20W 12BBD 01	QU	57.0	7	-1.3	.2	.2	-.1	126	133	6
28S 20W 30ACA 01	QU	41.1	-9	-1.7	.5	-.2	-.1	37	28	-24
29S 17W 04ABC 01	QU	51.9	8	-1.9	-.3	.2	-.1	62	70	13
29S 18W 02ACC 01	TO	142.9			.1				53	
29S 18W 07BBD 01	QU	153.5	2	.1	-.2			101	103	2
29S 19W 22BAA 01	QU	156.7	1	.3	-.6			92	93	1
29S 20W 11CDD 01	QU	166.4	4	1.6	-.3	.1	.1			



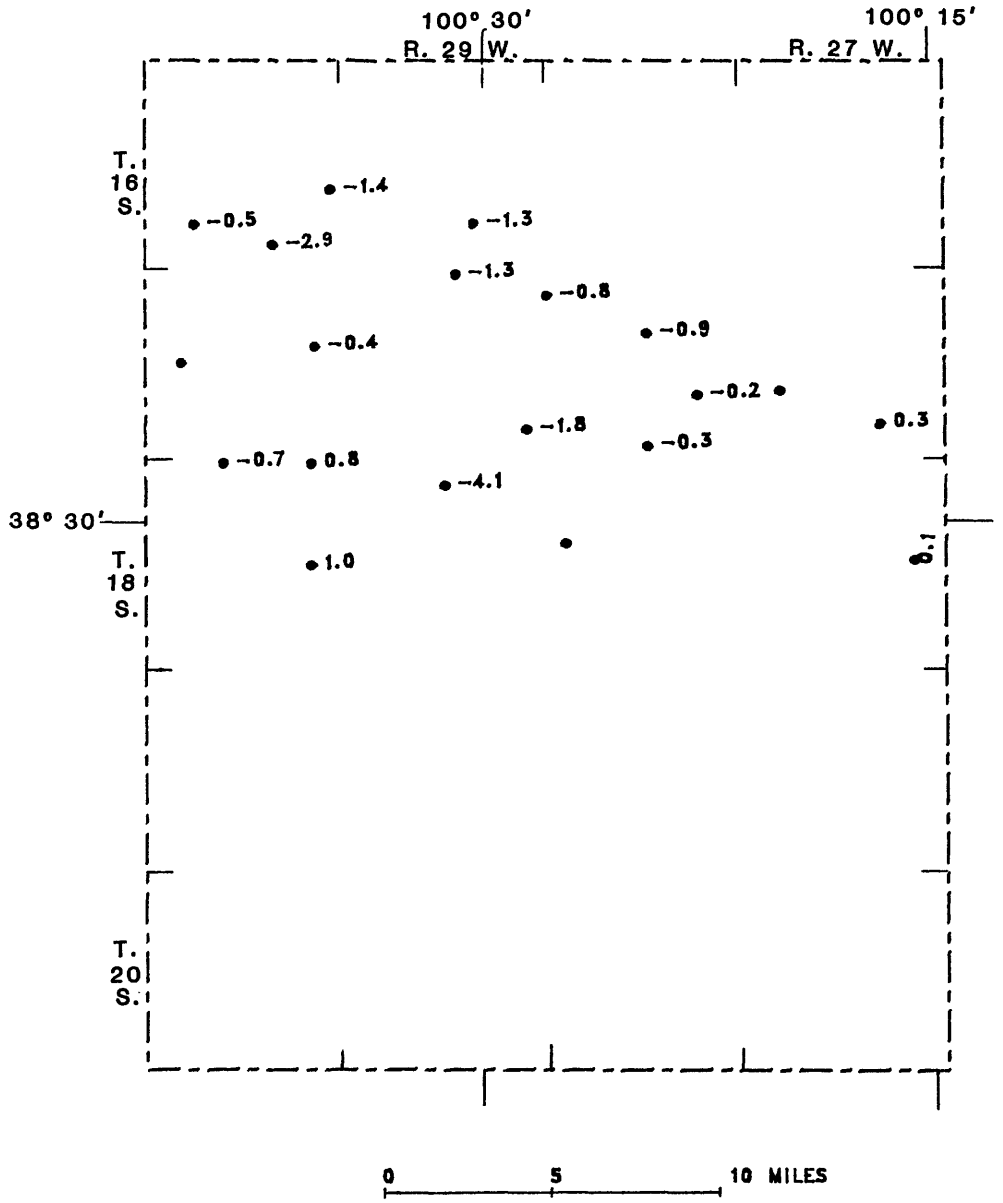
WATER–LEVEL CHANGE IN KIOWA COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, LANE 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 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)	DEPTH TO WATER 1987 (FEET)
16S 29W 26CCD 01	TO	2803.	140	90	89.2	102.2	103.1		104.7	105.0	105.2	106.5
16S 30W 24DCC 01	TO	2840.	155	109		119.9	120.4		121.5	121.4	120.5	121.9
16S 30W 29CDD 01	TO	2884.	174	121		127.9	127.8	128.3	128.6	128.5	127.9	128.4
16S 30W 34DAB 01	TO	2857.	172	116			128.5	131.7	127.5	125.2	123.0	125.9
17S 27W 20CCC 01	TO	2717.	127	84				102.7	102.2	102.4		
17S 27W 26CCC 01	TO	2678.	127	80		96.4	96.8	96.3	96.8	96.7	96.7	96.4
17S 28W 07BBB 01	TO	2785.	170	83		97.7		98.0	99.2	98.5	98.4	99.2
17S 28W 15BBC 01	TO	2760.	150	84		104.1	103.7	103.5	104.6	104.8	104.8	105.7
17S 28W 26ABB 01	TO	2735.	140	85	88.2	102.0	100.4	101.3	102.9	102.1	102.3	102.5
17S 28W 34CBB 01	TO	2747.	132	78		91.0	89.3	89.9	90.3	90.6	90.7	91.0
17S 29W 03BDC 01	TO	2816.	156	102		112.6	113.4	113.7	116.3	114.2	114.8	116.1
17S 29W 36BAA 01	TO	2784.	119	70		83.8	84.7	84.9	84.9	85.5	85.2	87.0
17S 30W 13CBB 01	TO	2846.	151	84	83.9	88.9	89.5	89.8	90.3	90.6	90.8	91.2
17S 30W 20BBB 01	TO	2889.	165	87			107.6	102.6	101.9	104.2	102.5	
18S 27W 13CCC 01	TO	2674.	95	88	86.1	86.0	86.1	86.2	86.5	86.4	86.3	86.2
18S 28W 18ACC 01	TO	2764.	95	51			68.8			68.3	69.1	
18S 29W 04DAD 01	TO	2801.	110	56		65.5	66.3	66.1	66.9	66.9	66.5	70.6
18S 30W 02AAA 01	TO	2849.	124	68		86.6	85.8	88.0	87.8	86.9	86.3	85.5
18S 30W 04BAB 01	TO	2872.	125	69			73.2		75.1	74.7	74.8	75.5
18S 30W 23AAA 01	TO	2848.	150	55			67.5	65.3	65.9	64.6	64.4	63.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
16S 29W 26CCD 01	TO	106.5	-17	-17.2	-1.3	-.5	-.8	50	34	-32
16S 30W 24DCC 01	TO	121.9	-13		-1.4	-.4		46	33	-28
16S 30W 29CDD 01	TO	128.4	-7		-.5	-.2		53	46	-13
16S 30W 34DAB 01	TO	125.9	-10		-2.9	-.3		56	46	-18
17S 27W 20CCC 01	TO									
17S 27W 26CCC 01	TO	96.4	-16		.3	-.4		47	31	-34
17S 28W 07BBB 01	TO	99.2	-16		-.8	-.4		87	71	-18
17S 28W 15BBC 01	TO	105.7	-22		-.9	-.6		66	44	-33
17S 28W 26ABB 01	TO	102.5	-18	-14.2	-.2	-.5	-.7	55	38	-31
17S 28W 34CBB 01	TO	91.0	-13		-.3	-.4		54	41	-24
17S 29W 03BDC 01	TO	116.1	-14		-1.3	-.4		54	40	-26
17S 29W 36BAA 01	TO	87.0	-17		-1.8	-.5		49	32	-35
17S 30W 13CBB 01	TO	91.2	-7	-7.3	-.4	-.2	-.3	67	60	-10
17S 30W 20BBB 01	TO									
18S 27W 13CCC 01	TO	86.2	2	-.1	.1	.1		7	9	29
18S 28W 18ACC 01	TO									
18S 29W 04DAD 01	TO	70.6	-15		-4.1	-.4		54	39	-28
18S 30W 02AAA 01	TO	85.5	-18		.8	-.5		56	39	-30
18S 30W 04BAB 01	TO	75.5	-7		-.7	-.2		56	50	-11
18S 30W 23AAA 01	TO	63.4	-8		1.0	-.2		95	87	-8



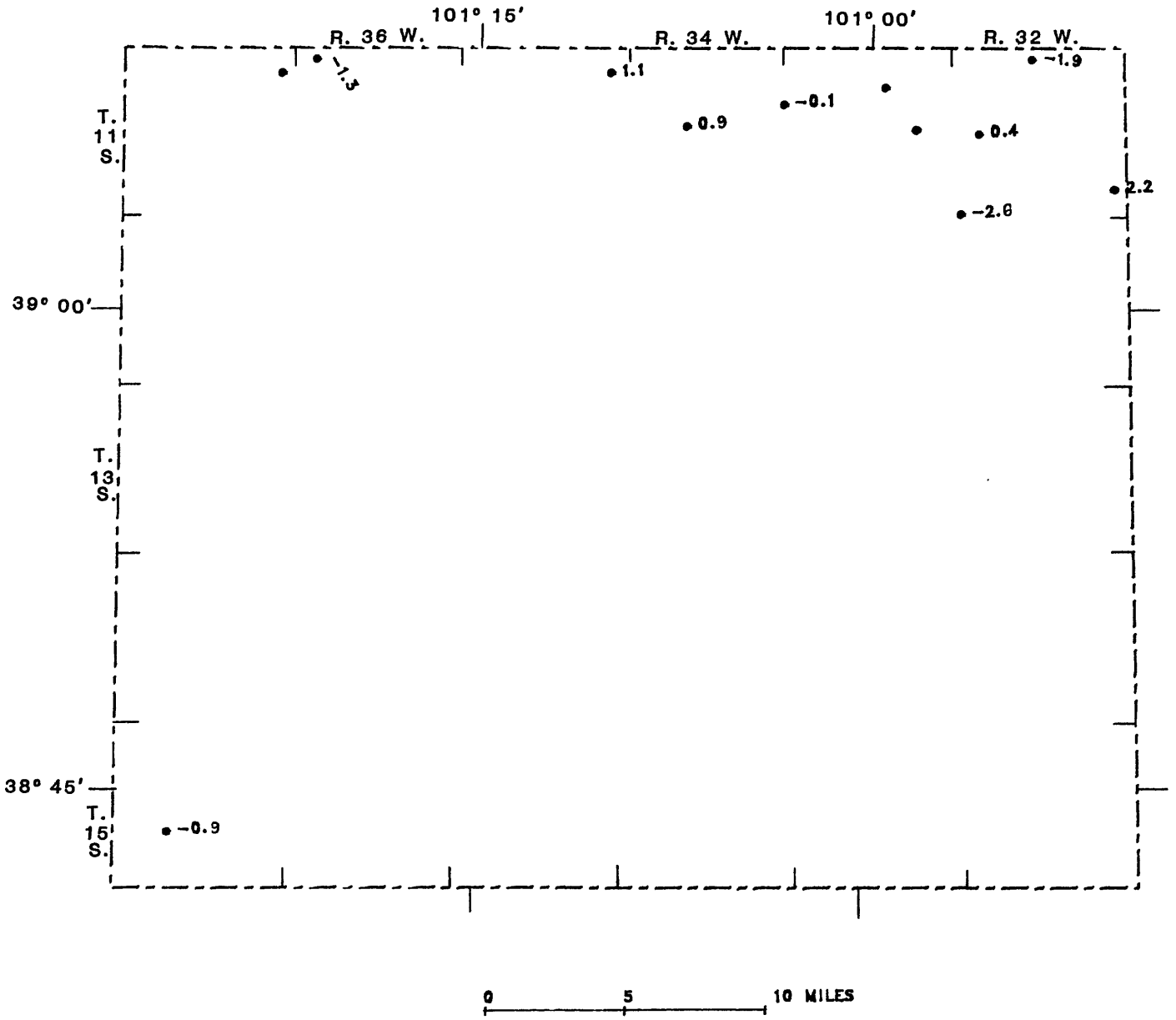
WATER–LEVEL CHANGE IN LANE COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, LOGAN 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 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)	DEPTH TO WATER 1987 (FEET)
11S 32W 04ACD 01	TO	3059.	208	96	102.0	111.7	111.8	110.5	112.8	110.8	111.7	113.6
11S 32W 19AAB 01	TO	3073.	183	92		102.9	103.1	102.3	102.3	103.0	103.7	103.3
11S 32W 31CCD 01		3054.								70.8	68.7	71.3
11S 32W 36ABA 01	TO	3009.								89.2	91.4	89.2
11S 33W 10BDD 01		3113.								116.0	116.6	
11S 33W 14DCC 01	TO	3117.								130.5	131.3	
11S 34W 13AAB 01	TO	3184.								143.3	143.8	143.9
11S 34W 16CDB 01	TO	3218.	170	122	118.4		119.8	119.7	120.1	121.8	121.1	120.2
11S 35W 01DCC 01	TO	3268.								154.1	153.5	152.4
11S 36W 06ADD 02	TO	3380.	220	142	137.0	162.5	165.1	164.5	164.6	165.8	167.6	168.9
11S 37W 01DCD 01		3369.										182.4
15S 37W 29AAA 01	TO	3420.	60			34.2	35.6	34.5	32.8	32.1	32.9	33.8

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
11S 32W 04ACD 01	TO	113.6	-18	-11.6	-1.9	-.5	-.6	112	94	-16
11S 32W 19AAB 01	TO	103.3	-11		.4	-.3		91	80	-12
11S 32W 31CCD 01		71.3			-2.6					
11S 32W 36ABA 01	TO	89.2			2.2					
11S 33W 10BDD 01										
11S 33W 14DCC 01	TO									
11S 34W 13AAB 01	TO	143.9			-.1					
11S 34W 16CDB 01	TO	120.2	2	-1.7	.9	.1	-.1	48	50	4
11S 35W 01DCC 01	TO	152.4			1.1					
11S 36W 06ADD 02	TO	168.9	-27	-31.8	-1.3	-.7	-1.5	78	51	-35
11S 37W 01DCD 01		182.4								
15S 37W 29AAA 01	TO	33.8			-.9				26	



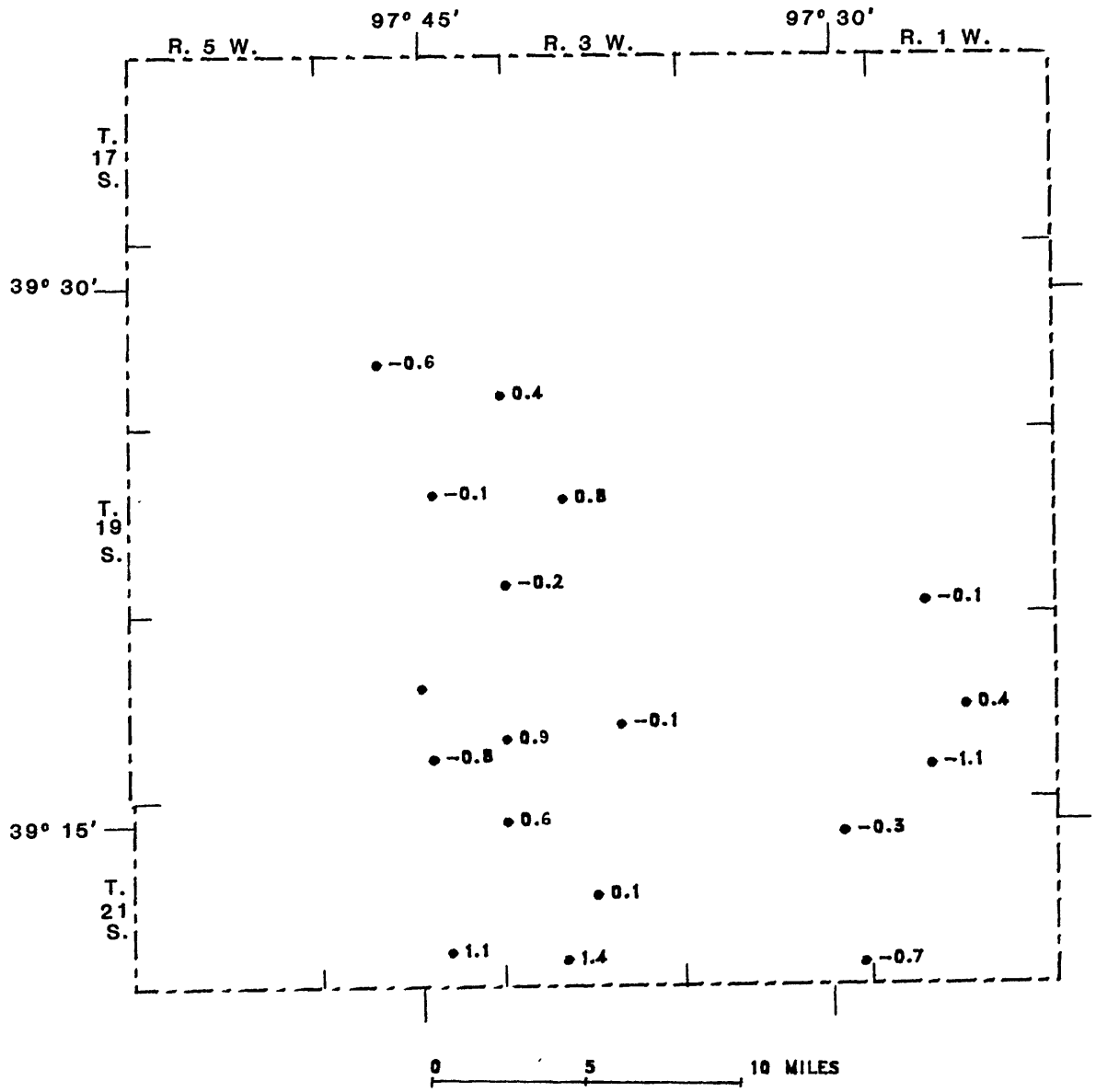
WATER–LEVEL CHANGE IN LOGAN COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, MCPHERSON 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 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)	DEPTH TO WATER 1987 (FEET)
18S 03W 30CCC 01	QU	1515.							111.7	112.0	111.2	110.8
18S 04W 21CCC 01	QU	1412.							11.2	10.5	9.6	10.2
19S 01W 32DAC 01	QU	1590.							53.2	47.4	46.2	46.3
19S 03W 16BCB 01	QU	1511.							101.1	101.7	100.5	99.7
19S 03W 31BBA 01	QU	1494.								81.1	81.2	81.4
19S 04W 15AAC 01		1494.								85.8	85.8	85.9
20S 01W 22BBB 01	QU	1527.							9.5	11.0	7.3	6.9
20S 01W 29DDD 01	QU	1530.								4.7	6.2	7.3
20S 03W 22DAA 01	QU	1473.									37.5	37.6
20S 03W 30BBA 01	QU	1476.								53.4	53.5	52.6
20S 04W 15BDD 01	QU	1474.								52.7	52.5	
20S 04W 27DAC 01	QU	1467.								43.0	40.7	41.5
21S 02W 12BBB 01	QU	1503.								11.4	10.3	10.6
21S 02W 36ACA 01	QU	1475.								11.2	8.7	9.4
21S 03W 06CBD 01	QU	1464.								44.8	44.2	43.6
21S 03W 22BBB 01	QU	1450.								34.6	34.0	33.9
21S 03W 33BBC 01	QU	1461.							55.8	47.7	45.2	43.8
21S 04W 26CDC 01	QU	1445.								33.8	31.3	30.2

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
18S 03W 30CCC 01	QU	110.8			.4					
18S 04W 21CCC 01	QU	10.2			-.6					
19S 01W 32DAC 01	QU	46.3			-.1					
19S 03W 16BCB 01	QU	99.7			.8					
19S 03W 31BBA 01	QU	81.4			-.2					
19S 04W 15AAC 01		85.9			-.1					
20S 01W 22BBB 01	QU	6.9			.4					
20S 01W 29DDD 01	QU	7.3			-1.1					
20S 03W 22DAA 01	QU	37.6			-.1					
20S 03W 30BBA 01	QU	52.6			.9					
20S 04W 15BDD 01	QU									
20S 04W 27DAC 01	QU	41.5			-.8					
21S 02W 12BBB 01	QU	10.6			-.3					
21S 02W 36ACA 01	QU	9.4			-.7					
21S 03W 06CBD 01	QU	43.6			.6					
21S 03W 22BBB 01	QU	33.9			.1					
21S 03W 33BBC 01	QU	43.8			1.4					
21S 04W 26CDC 01	QU	30.2			1.1					



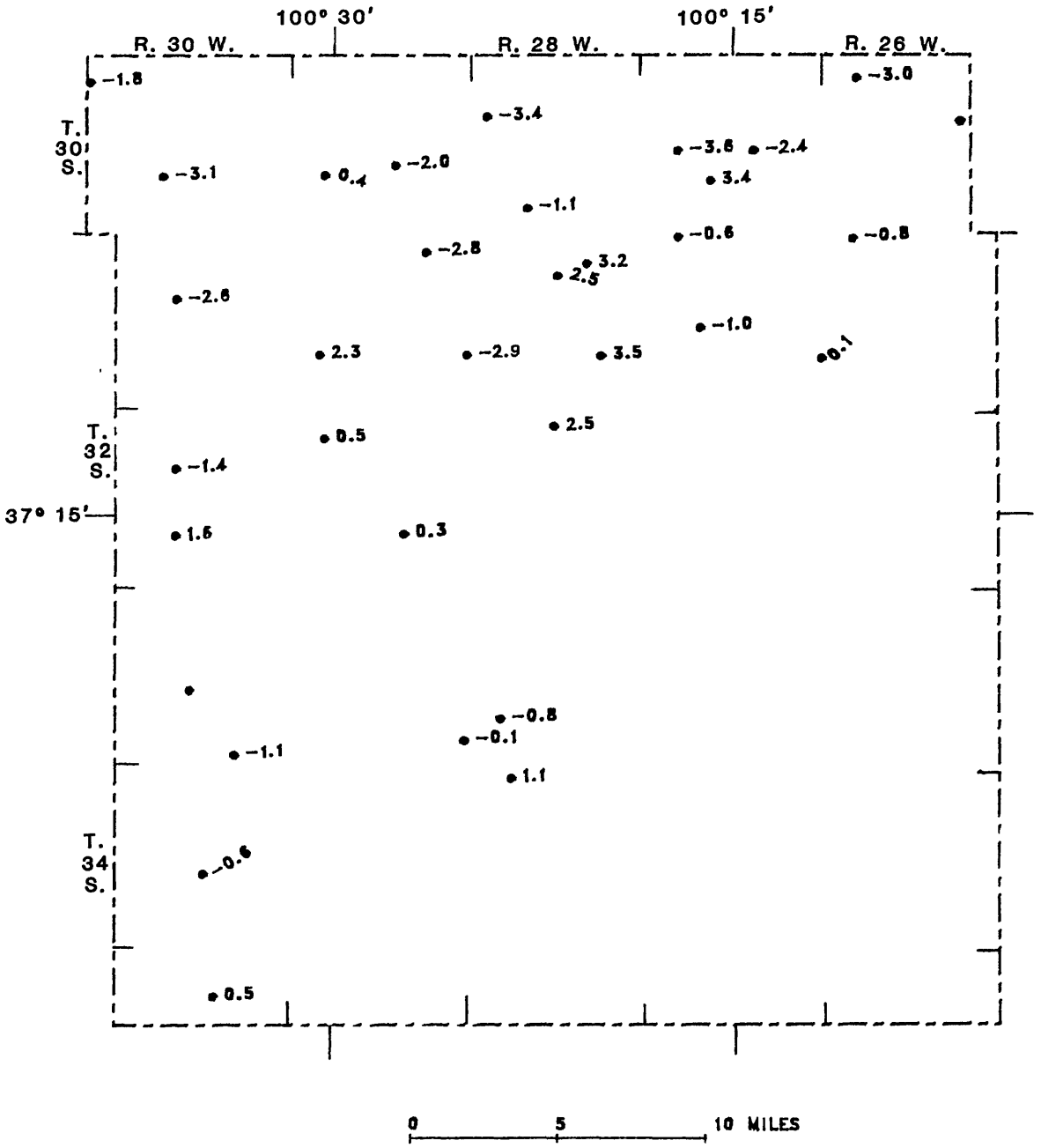
WATER–LEVEL CHANGE IN MCPHERSON COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, MEADE 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 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)	DEPTH TO WATER 1987 (FEET)
30S 26W 04CBB 01	QU,TC	2525.	415	11	20.7	45.7	43.0	47.7	46.5	44.7	45.8	48.8
30S 26W 13ABB 01		2575.									64.0	
30S 26W 32DDD 01		2488.	388	16						19.3	17.9	18.7
30S 27W 20ABA 01		2564.								56.0	56.8	60.4
30S 27W 23ABB 01	QU,TC	2531.	321	12	16.5	42.9	39.8	44.0	42.7	41.4	42.0	44.4
30S 27W 27BBB 01		2518.									25.5	22.1
30S 27W 32DDD 01		2475.	315	26	11.8	8.9	7.6	9.1	7.5	7.0	7.1	7.7
30S 28W 17ABB 01	QU,TC	2697.	517	102	109.6	129.9	132.3	136.1	136.7	139.0	141.3	144.7
30S 28W 33AAA 01		2646.	466	85						116.5	119.2	120.3
30S 29W 23CAD 01	QU,TC	2744.	544	134	141.3	167.5	171.1	176.3	179.3	181.9	178.0	180.0
30S 29W 28BBB 01	QU,TC	2758.	553	137	137.8	168.0	172.0	174.7	175.5	175.2	176.2	175.8
30S 30W 06CCC 01		2824.	449	152						185.8	199.5	201.3
30S 30W 28ABB 01	QU,TC	2803.	508	150	145.9	177.6	179.8	184.1	183.6	186.1	188.6	191.7
31S 26W 30BBB 01	QU,TC	2516.		98		100.1	101.5	102.5		102.5	102.1	102.0
31S 27W 20AAA 02	QU,TC	2466.	326	15		31.1		30.6	30.0	27.1	27.1	28.1
31S 28W 02CCC 01		2623.								123.5	124.4	121.2
31S 28W 10BCB 01	QU,TC	2643.	463	114	112.2	131.7	131.5	133.1	134.2	134.7	139.4	136.9
31S 28W 26ABB 01		2496.									30.5	27.0
31S 29W 02DBB 01		2720.	420	130						178.6	175.2	178.0
31S 29W 25AAA 02	QU,TO	2698.	438	145	156.5	176.1	176.5	178.9	177.7	177.5	178.3	181.2
31S 29W 3CAAA 01	QU,TO	2741.	461	136	130.2	154.7	158.2	161.3	162.5	160.5	169.0	166.7
31S 30W 16BBC 01	QU,TC	2770.	505	136	133.9	172.4	175.8	177.9	179.3	182.8	186.3	188.9
32S 28W 04ADD 01	QU,TC	2546.	366	63	66.1	70.9	73.7	71.2	72.7	71.6	73.9	71.4
32S 29W 05CC 01	QU,TC	2719.	464	139	137.3	159.2	163.1	163.1	164.0	163.2	168.2	167.7
32S 29W 27AAB 02	QU,TC	2688.	555	143		145.2	145.9	147.0	146.9	148.5	149.8	149.5
32S 30W 09CCC 01	QU,TC	2764.	504	155	156.7	184.6	189.1	191.8	191.1	192.4	192.9	194.3
32S 30W 28BBC 01	QU,TC	2759.	459	167	170.2	201.1	201.7	204.3	206.1	205.8	212.9	211.3
33S 28W 29BCB 01	TO	2371.	160	14	14.3	16.5	16.3	16.3	15.9	14.4	14.8	15.6
33S 29W 36AAB 01	QU,TC	2463.	283	81	81.3	86.5	90.7	86.8	86.5	86.0	87.1	87.2
33S 30W 21ACC 01		2725.								180.7	183.2	
33S 30W 35CB 01	QU,TC	2684.	544	161	157.8	164.4		175.1		171.1	179.2	180.3
34S 28W 05BDA 01		2350.									25.8	24.7
34S 30W 22CBC 01	TO	2675.	675	191		194.5	195.0	196.4	196.2	197.1	197.7	198.3
35S 30W 10CDA 01	QA,QU,TO	2393.	318	23	23.1	25.0	26.1	26.7	25.5	25.0	25.9	25.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
30S 26W 04CBB 01	QU,TO	48.8	-38	-28.1	-3.0	-.8	-1.3	404	366	-9
30S 26W 13ABB 01										
30S 26W 32DDD 01		18.7	-3		-.8	-.1		372	369	-1
30S 27W 20ABA 01		60.4			-3.6					
30S 27W 23ABB 01	QU,TO	44.4	-32	-27.9	-2.4	-.7	-1.3	309	277	-10
30S 27W 27BBB 01		22.1			3.4					
30S 27W 32DDD 01		7.7	18	4.2	-.6	.4	.2	289	307	6
30S 28W 17ABB 01	QU,TO	144.7	-43	-35.1	-3.4	-.9	-1.7	415	372	-10
30S 28W 33AAA 01		120.3	-35		-1.1	-.7		381	346	-9
30S 29W 23CAD 01	QU,TO	180.0	-46	-38.7	-2.0	-1.0	-1.8	410	364	-11
30S 29W 28BBB 01	QU,TO	175.8	-39	-37.9	.4	-.8	-1.8	416	377	-9
30S 30W 06CCC 01		201.3	-49		-1.8	-1.0		297	248	-16
30S 30W 28ABB 01	QU,TO	191.7	-42	-45.8	-3.1	-.9	-2.2	358	316	-12
31S 26W 30BBB 01	QU,TO	102.0	-4		.1	-.1				
31S 27W 20AAA 02	QU,TO	28.1	-13		-1.0	-.3		311	298	-4
31S 28W 02CCC 01		121.2			3.2					
31S 28W 10BCB 01	QU,TO	136.9	-23	-24.7	2.5	-.5	-1.2	349	326	-7
31S 28W 26ABB 01		27.0			3.5					
31S 29W 02DBB 01		178.0	-48		-2.8	-1.0		290	242	-17
31S 29W 25AAA 02	QU,TO	181.2	-36	-24.7	-2.9	-.8	-1.2	293	257	-12
31S 29W 30AAA 01	QU,TO	166.7	-31	-36.5	2.3	-.7	-1.7	325	294	-10
31S 30W 16BBC 01	QU,TO	188.9	-53	-55.0	-2.6	-1.1	-2.6	369	316	-14
32S 28W 04ADD 01	QU,TO	71.4	-8	-5.3	2.5	-.2	-.3	303	295	-3
32S 29W 05CC 01	QU,TO	167.7	-29	-30.4	.5	-.6	-1.4	325	296	-9
32S 29W 27AAB 02	QU,TO	149.5	-7		.3	-.1		412	406	-1
32S 30W 09CCC 01	QU,TO	194.3	-39	-37.6	-1.4	-.8	-1.8	349	310	-11
32S 30W 28BBC 01	QU,TO	211.3	-44	-41.0	1.6	-.9	-2.0	292	248	-15
33S 28W 29BCB 01	TO	15.6	-2	-1.3	-.8		-.1	146	144	-1
33S 29W 36AAB 01	QU,TO	87.2	-6	-5.9	-.1	-.1	-.3	202	196	-3
33S 30W 21ACC 01										
33S 30W 35CB 01	QU,TO	180.3	-19	-22.5	-1.1	-.4	-1.1	383	364	-5
34S 28W 05BDA 01		24.7			1.1					
34S 30W 22CBC 01	TO	198.3	-7		-.6	-.1		484	477	-1
35S 30W 10CDA 01	QA,QU,TO	25.4	-2	-2.2	.5		-.1	295	293	-1



WATER–LEVEL CHANGE IN MEADE COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
31S 39W 18CCC 01	QU,TO	3246.	226	116	135.6			197.7	191.3			204.8
31S 39W 33BCC 01	QU,TC,KJ	3253.	278	123	160.0		215.4	222.7	222.4	220.6	231.0	224.9
31S 40W 01DA 01	QU,TC	3236.	276	111	133.1			181.3	180.7	187.1	189.8	191.4
31S 40W 29ABB 01	QU,TC	3331.	233	141	166.1	180.8	181.5	182.4	182.2		183.6	184.6
31S 41W 07CDD 01	KJ	3441.				134.7	135.1	135.8	135.5	135.3	135.6	135.9
31S 41W 31CBB 01	KJ	3441.			73.0	85.2		94.2	93.5	91.3	99.2	100.9
31S 42W 29AAB 01	QU,TC,KJ	3510.		74	93.1	102.4	101.8	100.7	102.7	102.0	101.1	100.3
31S 43W 03CB 01	QU,TC,KJ	3609.		61	65.7	63.0	66.1	64.8	65.2	64.0		64.3
31S 43W 14DDC 01	KU	3576.			67.7	68.3	68.5	69.0	69.3	68.2	69.8	70.8
31S 43W 20CBB 01	QU,TC	3653.		53	56.4	100.7		96.5	98.3	93.1	98.2	
32S 40W 07BDC 01		3302.		52						106.8		109.4
32S 40W 21ADB 01	QU,TC	3342.	237	132	156.0	189.6	187.7	189.5	191.3	183.8	191.0	193.7
32S 41W 15CDC 01	QU,TC,KJ	3360.			18.0	21.5	21.3	19.8	21.1	21.2	20.0	21.6
32S 41W 35DCC 01		3420.									173.8	168.1
32S 42W 14CCC 01	QU,TC,KJ	3500.			90.6	113.2	118.3	124.7	128.6	122.0	127.0	127.8
32S 42W 21BCC 01	QU,TC,KJ	3526.	186	64	113.6		153.8	151.8	158.7	152.6		
32S 42W 26CDD 01	QU,TC,KJ	3485.	175	75	102.0		148.1	147.8		153.4		151.0
32S 43W 08CBD 01		3615.		45						89.3	95.1	94.5
32S 43W 17DCC 01	TO	3626.	146	60	60.0	73.7	73.1	71.6	75.1	71.6		74.1
32S 43W 28BBC 01		3526.								62.0	63.2	64.4
33S 39W 04DBB 01	TO	3237.	357	87						97.1	97.5	97.8
33S 39W 16ABB 01	QU,TC	3234.	344	82	70.0	76.5	73.4	76.7	78.7	75.0	76.3	77.2
33S 40W 27CCC 01	QU,TC	3308.	323	98	80.0	86.2	87.3	81.7	91.7	84.2	82.7	81.3
33S 41W 03AAD 01	QU,TC,KJ	3425.	445	113	117.2	142.3	141.3	145.0	147.3	139.6	144.5	140.9
33S 41W 33DDD 01	QU	3377.	157	68	69.4	67.0	67.0	67.2	68.6	68.1	70.4	69.1
33S 42W 01AA 01	QU	3438.	168	48	34.5	40.7	41.9	40.1	40.4	42.2	43.2	
33S 42W 05DCC 01		3235.								66.9		
33S 42W 21BCB 01	QU,TO	3527.	167	87	85.0	98.7	98.2	99.2	102.9	88.2	89.2	89.2
33S 43W 08BDA 01	QU,TC,KJ	3643.	183	86	95.0		106.7		107.8		105.4	105.3
33S 43W 09DBA 01		3612.									87.5	
34S 39W 06CCA 01		3310.	355	140						121.3	121.0	123.0
34S 40W 16ABB 01		3363.	388	163						144.8	145.1	144.9
34S 41W 26DCD 01		3360.	290	120						157.0	158.2	159.2
34S 41W 28CBA 01		3299.								118.6	119.7	120.1
34S 42W 05BDC 01	QU,KJ	3449.	69	31	38.4	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	79.2
34S 43W 07BDD 01	KJ	3655.		125	147.2				150.3	150.8	149.3	149.5
35S 39W 06CDD 01		3330.	510	175						210.1	211.5	212.8
35S 40W 03BBB 02		3369.										178.5
35S 41W 16CCD 01		3385.		80						217.2		215.6

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

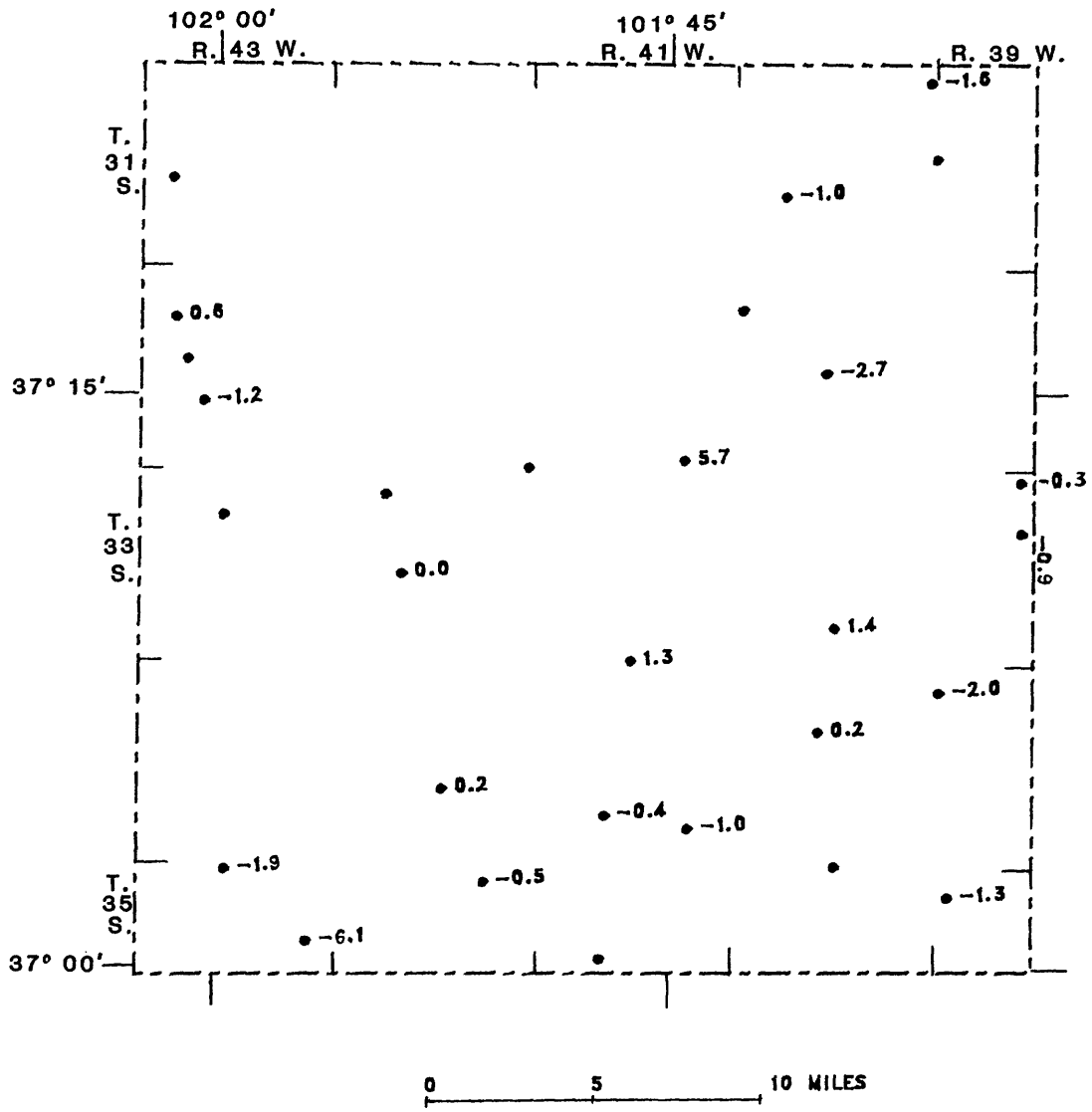
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
135S 42W 02DBB 01		3554.								168.2	169.0	169.5
135S 43W 04AAC 01		3554.	179	76						79.7	81.1	83.0
135S 43W 13BDB 01	QU,TC	3615.	305	151		182.3	183.3	185.8	190.2	183.1	184.2	190.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
31S 39W 18CCC 01	QU,TO	204.8	-89	-69.2		-1.9	-3.3	110	21	-81
31S 39W 33BCC 01	QU,TO,KJ	224.9	-102	-64.9	6.1	-2.2	-3.1			
31S 40W 01DA 01	QU,TO	191.4	-80	-58.3	-1.6	-1.7	-2.8	165	85	-48
31S 40W 29ABB 01	QU,TO	184.6	-44	-18.5	-1.0	-.9	-.9	92	48	-48
31S 41W 07CDD 01	KJ	135.9			-.3					
31S 41W 31CBB 01	KJ	100.9		-27.9	-1.7		-1.3			
31S 42W 29AAB 01	QU,TO,KJ	100.3	-26	-7.2	.8	-.6	-.3			
31S 43W 03CB 01	QU,TO,KJ	64.3	-3	1.4		-.1	.1			
31S 43W 14DDC 01	KU	70.8		-3.0	-1.0		-.1			
31S 43W 20CBB 01	QU,TO									
32S 40W 07BDC 01		109.4								
32S 40W 21ADB 01	QU,TO	193.7	-62	-37.7	-2.7	-1.3	-1.8	105	43	-59
32S 41W 15CDC 01	QU,TO,KJ	21.6		-3.6	-1.6		-.2			
32S 41W 35DCC 01		168.1			5.7					
32S 42W 14CCC 01	QU,TO,KJ	127.8		-37.2	-.8		-1.8			
32S 42W 21BCC 01	QU,TO,KJ									
32S 42W 26CDD 01	QU,TO,KJ	151.0	-76	-49.0		-1.6	-2.3			
32S 43W 08CBD 01		94.5	-50		.6	-1.1				
32S 43W 17DCC 01	TO	74.1	-14	-14.1		-.3	-.7	86	72	-16
32S 43W 28BBC 01		64.4			-1.2					
33S 39W 04DBB 01	TO	97.8	-11		-.3	-.2		270	259	-4
33S 39W 16ABB 01	QU,TO	77.2	5	-7.2	-.9	.1	-.3	262	267	2
33S 40W 27CCC 01	QU,TO	81.3	17	-1.3	1.4	.4	-.1	225	242	8
33S 41W 03AAD 01	QU,TO,KJ	140.9	-28	-23.6	3.6	-.6	-1.1			
33S 41W 33DDD 01	QU	69.1	-1	.3	1.3			89	88	-1
33S 42W 01AA 01	QU									
33S 42W 05DCC 01										
33S 42W 21BCB 01	QU,TO	89.2	-2	-4.2	0.0		-.2	80	78	-3
33S 43W 08BDA 01	QU,TO,KJ	105.3	-19	-10.3	.1	-.4	-.5			
33S 43W 09DBA 01										
34S 39W 06CCA 01		123.0	17		-2.0	.4		215	232	8
34S 40W 16ABB 01		144.9	18		.2	.4		225	243	8
34S 41W 26DCD 01		159.2	-39		-1.0	-.8		170	131	-23
34S 41W 28CBA 01		120.1			-.4					
34S 42W 05BDC 01	QU,KJ									
34S 42W 22CDB 01	QU,TO	79.2	13		.2	.3		20	33	65
34S 43W 07BDD 01	KJ	149.5	-25	-2.3	-.2	-.5	-.1			
35S 39W 06CDD 01		212.8	-38		-1.3	-.8		335	297	-11
35S 40W 03BBB 02		178.5								
35S 41W 16CCD 01		215.6	-136			-2.9				

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
35S 42W 02DBB 01		169.5			-.5					
35S 43W 04AAC 01		83.0	-7		-1.9	-.1		103	96	-7
35S 43W 13BDB 01	QU,TO	190.3	-39		-6.1	-.8		154	115	-25



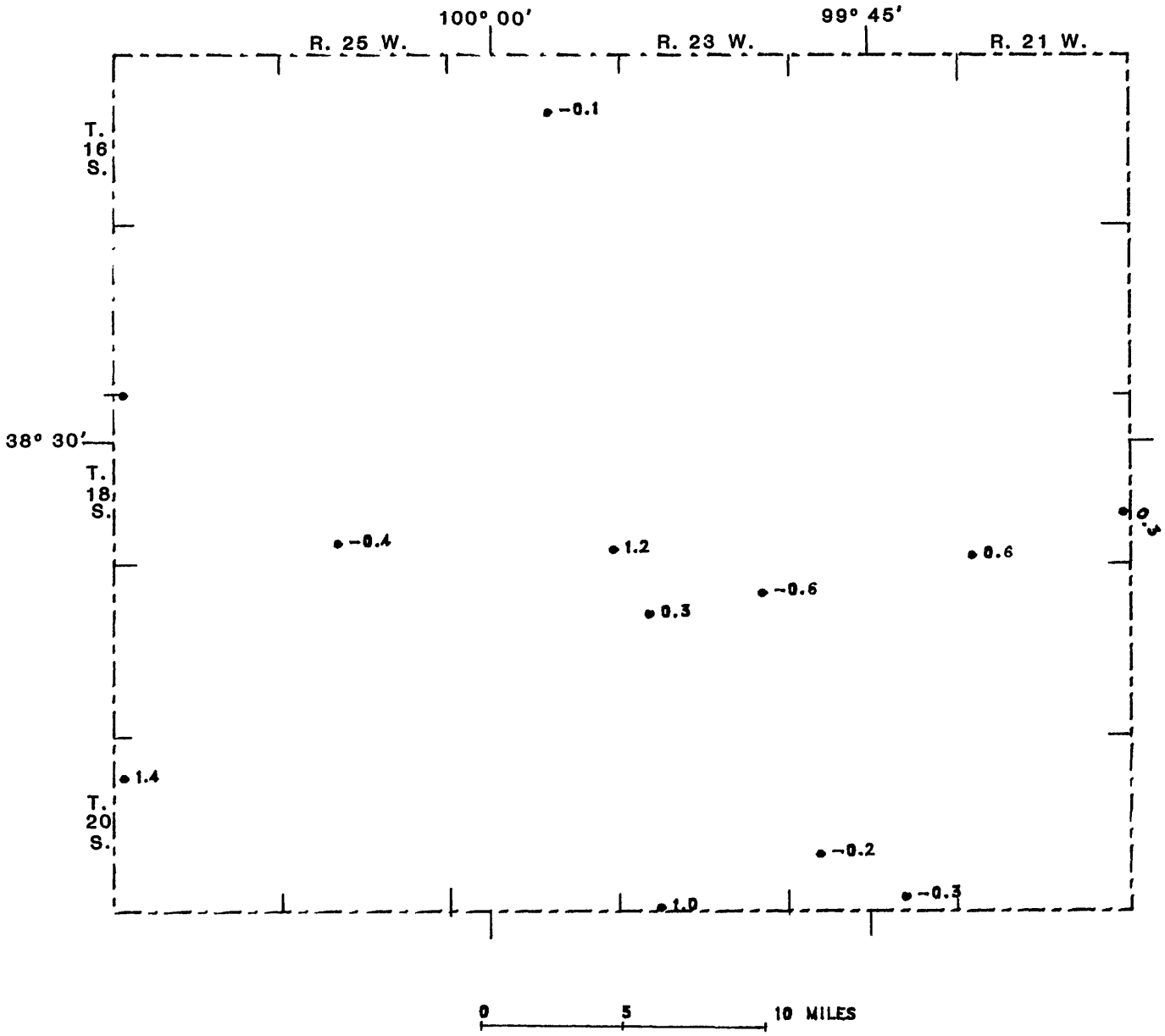
WATER–LEVEL CHANGE IN MORTON COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, NESS 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 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)	DEPTH TO WATER 1987 (FEET)
16S 24W 15ABB 01	TO						29.5	29.7	29.8	30.1	29.8	29.9
18S 21W 25AAB 01	QA	2085.				29.6		28.7	30.0	29.9	29.5	29.2
18S 21W 31CAA 01	QU	2122.					31.7	31.6	32.3	32.4	32.2	31.6
18S 24W 36ADB 01	QA	2235.				34.9	33.6	34.3	34.3	34.4	33.9	32.7
18S 25W 33BBC 01	QA	2402.				27.7	25.6	28.4	29.2	29.5	29.5	29.9
18S 26W 06BAB 02	QA,TO	2570.				7.0	7.1	7.2	7.2	7.3		7.5
19S 23W 01CCB 01		2214.				88.3	88.2	87.9	88.5	89.9	87.5	88.1
19S 23W 08C9B 01		2220.				20.7	23.5	21.8	21.8	21.9	22.5	22.2
20S 22W 20CCC 01		2189.				41.5	43.9	43.9	44.0	46.3	57.5	57.7
20S 22W 35BCC 01	QA	2168.				40.0	38.3	42.6	43.6	44.5	44.8	45.1
20S 23W 32CDA 01		2233.				35.8	35.7		36.6	37.0	37.2	36.2
20S 26W 07BDC 01	QA	2538.				23.6	24.8	24.3	24.6	23.1	23.3	21.9

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
16S 24W 15ABB 01	TO	29.9			-.1					
18S 21W 25AAB 01	QA	29.2			.3					
18S 21W 31CAA 01	QU	31.6			.6					
18S 24W 36ADB 01	QA	32.7			1.2					
18S 25W 33BBC 01	QA	29.9			-.4					
18S 26W 06BAB 02	QA,TO	7.5								
19S 23W 01CCB 01		88.1			-.6					
19S 23W 08CBB 01		22.2			.3					
20S 22W 20CCC 01		57.7			-.2					
20S 22W 35BCC 01	QA	45.1			-.3					
20S 23W 32CDA 01		36.2			1.0					
20S 26W 07BDC 01	QA	21.9			1.4					



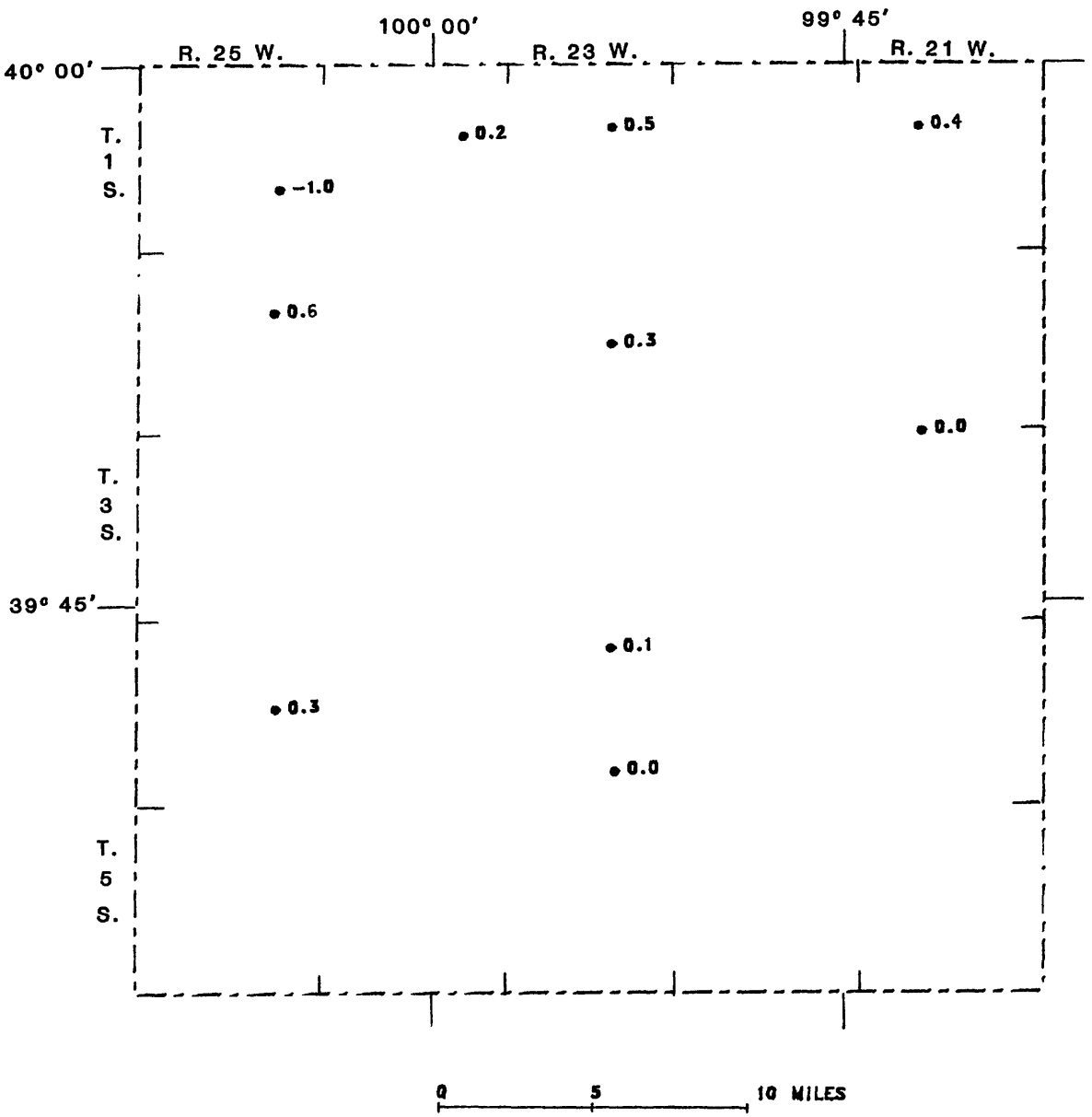
WATER–LEVEL CHANGE IN NESS COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, NORTON 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 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)	DEPTH TO WATER 1987 (FEET)
01S 21W 17AAA 01		2290.									85.3	84.9
01S 23W 15AAA 01		2340.									33.2	32.7
01S 24W 13BCB 01		2425.									116.3	116.1
01S 25W 25BBB 01		2405.									42.8	43.8
02S 21W 33CCC 01											94.2	94.2
02S 23W 22AAA 01		2378.									75.6	75.3
02S 25W 14AAA 01											142.4	141.8
04S 23W 03DDD 01											90.4	90.3
04S 23W 26CCC 01											46.1	46.1
04S 25W 13CCC 01											120.1	119.8

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
01S 21W 17AAA 01		84.9			.4					
01S 23W 15AAA 01		32.7			.5					
01S 24W 13BCB 01		116.1			.2					
01S 25W 25BBB 01		43.8			-1.0					
02S 21W 33CCC 01		94.2			0.0					
02S 23W 22AAA 01		75.3			.3					
02S 25W 14AAA 01		141.8			.6					
04S 23W 03DDD 01		90.3			.1					
04S 23W 26CCC 01		46.1			0.0					
04S 25W 13CCC 01		119.8			.3					



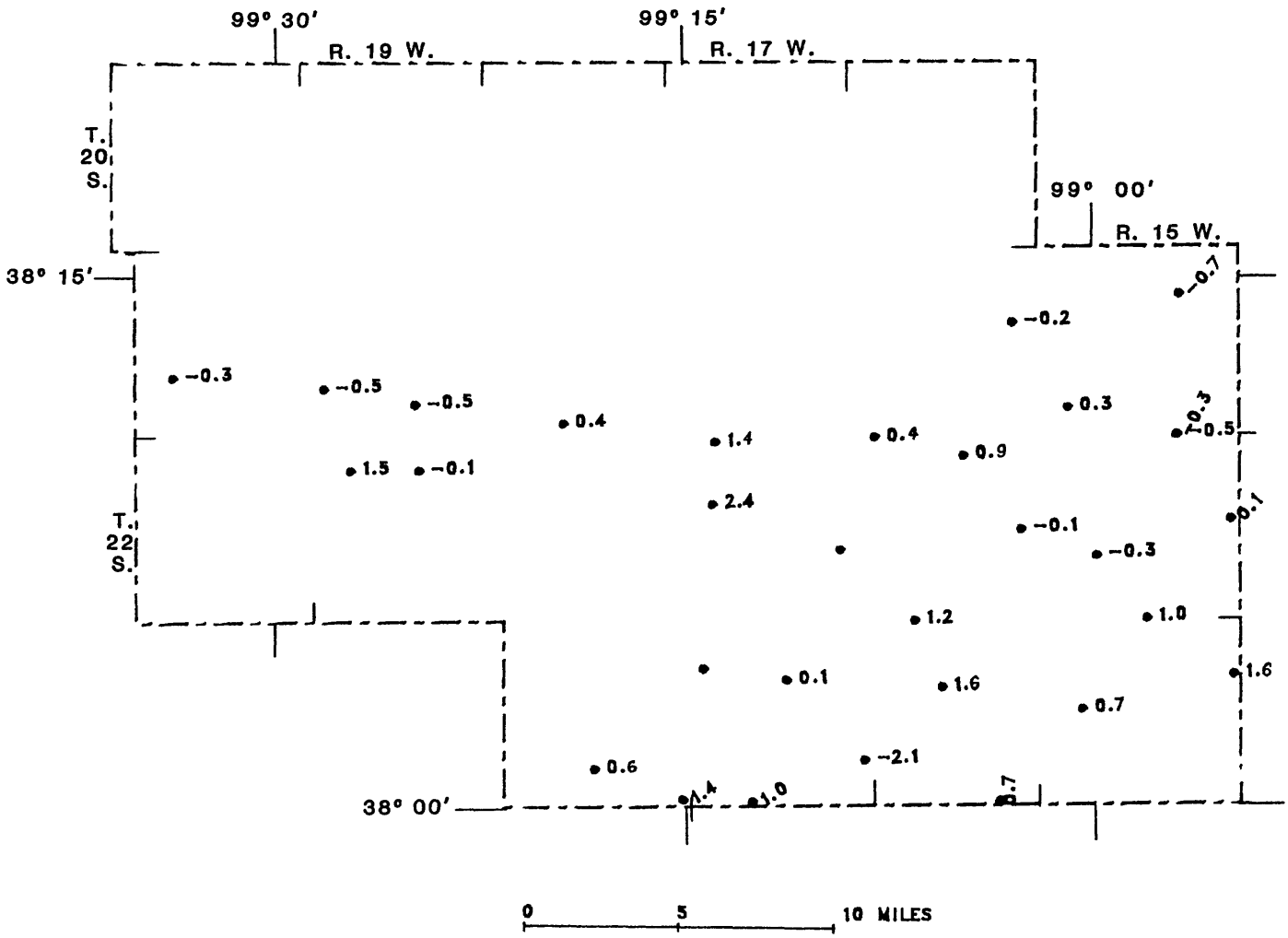
WATER–LEVEL CHANGE IN NORTON COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, PAWNEE 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 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)	DEPTH TO WATER 1987 (FEET)
21S 15W 11CBB 01	QA	1932.		3	4.9	10.1	9.0	9.7	10.1	9.8	9.5	10.2
21S 15W 31BAD 01	QU	1972.		8	10.3	17.6	16.5	17.8	17.7	18.8	18.3	18.0
21S 16W 14ADC 01		1970.		5						16.6	15.9	16.1
21S 18W 32DAA 01	QA	2056.		19	16.5	30.5	28.0	29.4	30.6	32.6	32.7	32.3
21S 19W 27CCC 01		2076.		23		41.8	41.4	42.2	38.9	43.8	44.1	44.6
21S 19W 30BCC 01		2087.		29	33.3	44.0	43.8	44.7	45.5	46.5	47.3	47.8
21S 20W 29BBB 01		2104.		24	34.8	44.1	43.3	44.8	45.1	47.2	46.0	46.3
22S 15W 03AAA 01	QU	1970.	207	18	15.5	26.1	25.8	26.3	27.1	28.3	28.9	29.4
22S 15W 03AAA 02	QU	1970.	207		18.7	27.0	27.3	28.3	29.2	30.4	30.5	30.8
22S 15W 13DCA 01	QU	1976.	171	29	17.5	32.3	33.3	34.6	35.9	37.7	37.8	37.7
22S 15W 20CDC 01	QU	2004.	179	26	15.6	26.8	27.6	29.0	29.7	31.8	31.9	32.2
22S 15W 33DDD 01		2003.	128	28						34.4	34.3	33.3
22S 16W 03CBC 02	QA	1996.		8	9.4	14.4	14.1	14.7	14.7	15.4	14.9	14.0
22S 16W 06BBA 01	QA	2010.		8	14.6	18.1	16.7	17.7	18.2	18.3	18.1	17.7
22S 16W 23AAA 01	QU	2011.	106	24	21.8	32.9	33.6	34.4	35.0	35.9	36.6	36.7
22S 16W 32CDD 01		2047.								31.4	31.7	30.5
22S 17W 05BBC 02		2036.		15		33.5	22.7	24.2	24.8	26.7	26.7	25.3
22S 17W 18AAD 01	QU	2047.		27		39.1	35.6	37.0	37.8	39.6	38.8	36.4
22S 17W 24CBC 01	QA	2034.		12	5.6	9.9	9.8	11.7	10.3			10.6
22S 19W 07AAA 01		2102.				63.9	60.3	64.6	66.3	64.1	63.1	61.6
22S 19W 10BBA 01		2087.				54.8	52.6	54.5	54.6	56.1	55.6	55.7
23S 15W 12DDB 01		1974.	145								30.4	28.8
23S 15W 18DDB 01	QU	2035.	133	8	20.7	30.6	32.0	33.7		36.3	36.7	36.0
23S 16W 16BAB 01	QU	2048.	123	13	8.1	17.8	17.9	19.6	19.2	20.5	20.6	19.0
23S 16W 35CCD 02						21.5	24.3	26.5	27.0	29.3	29.3	28.6
23S 17W 07ACC 01		2073.	76	8						8.0		
23S 17W 10CDB 01	QU	2091.	91	29	25.4	33.8	35.0	36.3	36.7		38.1	38.0
23S 17W 25ADC 01	QU	2076.	126	11	12.7	20.1	20.5	21.9	21.7		23.7	25.8
23S 17W 33CCA 01	QU	2109.	119	22	16.4	25.2	26.0	27.2	27.6	28.5	29.3	28.3
23S 18W 28DAD 01	QU	2102.	51	5	6.3	9.8	8.9	8.8	9.3	8.8	8.9	8.3
23S 18W 36DAC 01	QU	2116.	96	21	8.2	23.6	23.2	25.0	24.9	25.9	25.8	24.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
21S 15W 11CBB 01	QA	10.2	-7	-5.3	-.7	-.2	-.4			
21S 15W 31BAD 01	QU	18.0	-10	-7.7	.3	-.2	-.6			
21S 16W 14ADC 01		16.1	-11		-.2	-.3				
21S 18W 32DAA 01	QA	32.3	-13	-15.7	.4	-.3	-1.2			
21S 19W 27CCC 01		44.6	-22		-.5	-.5				
21S 19W 30BCC 01		47.8	-19	-14.5	-.5	-.4	-1.1			
21S 20W 29BBB 01		46.3	-22	-11.4	-.3	-.5	-.9			
22S 15W 03AAA 01	QU	29.4	-11	-13.9	-.5	-.3	-1.1	189	178	-6
22S 15W 03AAA 02	QU	30.8		-12.1	-.3		-.9		176	
22S 15W 13DCA 01	QU	37.7	-9	-20.2	.1	-.2	-1.6	142	133	-6
22S 15W 20CDC 01	QU	32.2	-6	-16.6	-.3	-.1	-1.3	153	147	-4
22S 15W 33DDD 01		33.3	-5		1.0	-.1		100	95	-5
22S 16W 03CBC 02	QA	14.0	-6	-4.6	.9	-.1	-.4			
22S 16W 06BBA 01	QA	17.7	-10	-3.1	.4	-.2	-.2			
22S 16W 23AAA 01	QU	36.7	-13	-14.9	-.1	-.3	-1.1	82	69	-16
22S 16W 32CDD 01		30.5			1.2					
22S 17W 05BBC 02		25.3	-10		1.4	-.2				
22S 17W 18AAD 01	QU	36.4	-9		2.4	-.2				
22S 17W 24CBC 01	QA	10.6	1	-5.0			-.4			
22S 19W 07AAA 01		61.6			1.5					
22S 19W 10BBA 01		55.7			-.1					
23S 15W 12DDB 01		28.8			1.6				116	
23S 15W 18DDB 01	QU	36.0	-28	-15.3	.7	-.7	-1.2	125	97	-22
23S 16W 16BAB 01	QU	19.0	-6	-10.9	1.6	-.1	-.8	110	104	-5
23S 16W 35CCD 02		28.6			.7					
23S 17W 07ACC 01										
23S 17W 10CDB 01	QU	38.0	-9	-12.6	.1	-.2	-1.0	62	53	-15
23S 17W 25ADC 01	QU	25.8	-15	-13.1	-2.1	-.3	-1.0	115	100	-13
23S 17W 33CCA 01	QU	28.3	-6	-11.9	1.0	-.1	-.9	97	91	-6
23S 18W 28DAD 01	QU	8.3	-3	-2.0	.6	-.1	-.2	46	43	-7
23S 18W 36DAC 01	QU	24.4	-3	-16.1	1.4	-.1	-1.2	75	72	-4



WATER–LEVEL CHANGE IN PAWNEE COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC 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 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)	DEPTH TO WATER 1987 (FEET)
26S 11W 01DDB 01	QU	1801.	171	23	23.5	23.3	24.3	24.7	25.3	24.2	23.1	22.9
26S 11W 27AAC 01	QU	1808.	143	23	23.1	22.9	24.1	24.9	24.3	23.2	21.7	21.9
26S 11W 29BCB 01	QU	1830.	183	19	16.0	15.2	14.3	17.0	16.6	15.4	13.2	13.2
26S 12W 02DBD 01	QU	1868.	192	27	27.4	26.7	28.2	28.7	28.4	27.8	25.5	24.5
26S 12W 17CCA 01	QU	1906.	196	37	34.1	35.5	36.6	37.1	36.6	35.0	32.0	31.3
26S 12W 34CDC 01	QU	1884.	207	46	43.2	45.4	45.7	46.5	45.2	43.2	41.0	41.7
26S 12W 34CDC 02	QU	1884.	207	46	41.0	43.8	44.0	44.8	43.9	41.9	40.0	40.7
26S 13W 16DAA 01	QU	1929.	174	20	15.6	27.2	25.3	25.9	25.1	24.9	21.3	20.6
26S 13W 19BBD 01	QU	1953.	193	18	14.4	25.1	25.4	26.5	26.9	27.3	24.0	23.7
26S 13W 34BCB 01	QU	1950.	230	44	46.7	51.0	49.2	52.5	53.0	52.8	49.9	49.2
26S 14W 17DCB 01	QU	2010.	213	10	16.5	25.2	26.0	28.2	27.8	30.4	27.1	26.7
26S 15W 01AAB 01												22.5
26S 15W 18DAB 01	QU	2050.	250	11	4.8	14.5	15.7	17.1	17.3	18.5	17.7	17.6
27S 11W 12CBC 01	QU	1783.	99	51	46.3	44.7	46.1	46.7	44.8	45.3	44.3	45.3
27S 11W 31DAA 01	QA	1726.	126	8	2.7	6.4	4.9	5.7	5.6		4.7	4.9
27S 12W 12DAA 01							55.6	56.6	55.8	55.1	54.2	54.2
27S 12W 33CBA 01	QU	1777.	152	3	1.2	2.9	3.2	3.0	3.1	2.8	2.4	2.4
27S 13W 13DDC 01	QU	1897.	145	72	57.0	59.6	58.8	65.1	58.5	58.5	57.1	56.9
27S 14W 03DAC 01	QU	1995.	220	35		47.5	43.6	45.1	45.8	46.4	43.8	44.0
27S 14W 12DDD 01	QU	1983.	252	53	57.7	61.1	62.0	63.6	63.3	63.7	62.3	61.6
27S 14W 21CAB 01	QU	1998.	203	39	34.2	30.8	41.5	43.1	43.9		43.4	43.0
27S 15W 02ABC 01	QU	2036.		26				31.9	32.0	33.9	30.5	30.4
27S 15W 08BBD 01	QU	2059.	200	30	13.2	26.5	29.9	28.4	28.6	29.8	30.2	
27S 15W 32CCA 01	QU	2068.	193	48	45.9	51.0	50.1	51.6	54.3	53.7	56.5	52.6
27S 15W 36ADD 01	QU	2050.	245	75	73.7	72.9	76.1	75.0	75.7	77.1	76.3	75.7
28S 11W 12ACC 01	QU	1755.	155	36	32.1	34.1	34.3	34.9	35.8	35.2	32.4	33.6
28S 11W 20CAC 01		1840.	215	70		68.5	69.3	69.9	70.3	70.4	67.7	67.7
28S 12W 21BAD 01	QU	1882.	207	83	81.8	82.6		83.1	82.5	82.7	81.7	81.3
28S 13W 02DDC 01	QU	1827.	179	9	8.1		13.1	13.0	12.8	14.2	14.6	13.1
28S 13W 17AAA 01	QU	1938.	189	72	72.0	78.0	71.1	79.7	71.0	71.3	69.2	75.6
28S 13W 26DCB 01	QU	1916.	191	89	91.0	98.5	92.1	91.7	93.7	99.6	90.3	92.6
28S 14W 14CCC 01	QU	1984.	194	80	76.9	78.1	78.2	78.3	78.2	78.3	77.0	77.1
28S 15W 23CCD 01	QU	2071.	271	109	108.0	106.5	113.2	114.6	107.3	107.7	107.2	108.5
29S 11W 06AAA 01		1828.	173	50						45.6	42.2	42.2
29S 11W 09ADD 01	QU	1830.	170	55	48.9	52.7	53.7	54.6	54.4	54.1	50.7	51.5
29S 11W 29AAD 01	QU	1849.	199	63	57.4	60.6	61.8	62.3	62.0	61.7	57.9	58.7
29S 12W 20CCD 01	QU	1907.	232	95	98.4	104.8	109.4	116.9	109.4	99.9	97.5	97.1
29S 13W 12ABB 01		1906.	196	76						71.1	70.4	69.9
29S 13W 31CAA 01	QU	1893.	154	31	30.6	31.6	31.9	32.0	32.0	31.9	30.8	30.2
29S 14W 12ABB 01		1988.	233	108						100.8	99.6	99.0

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

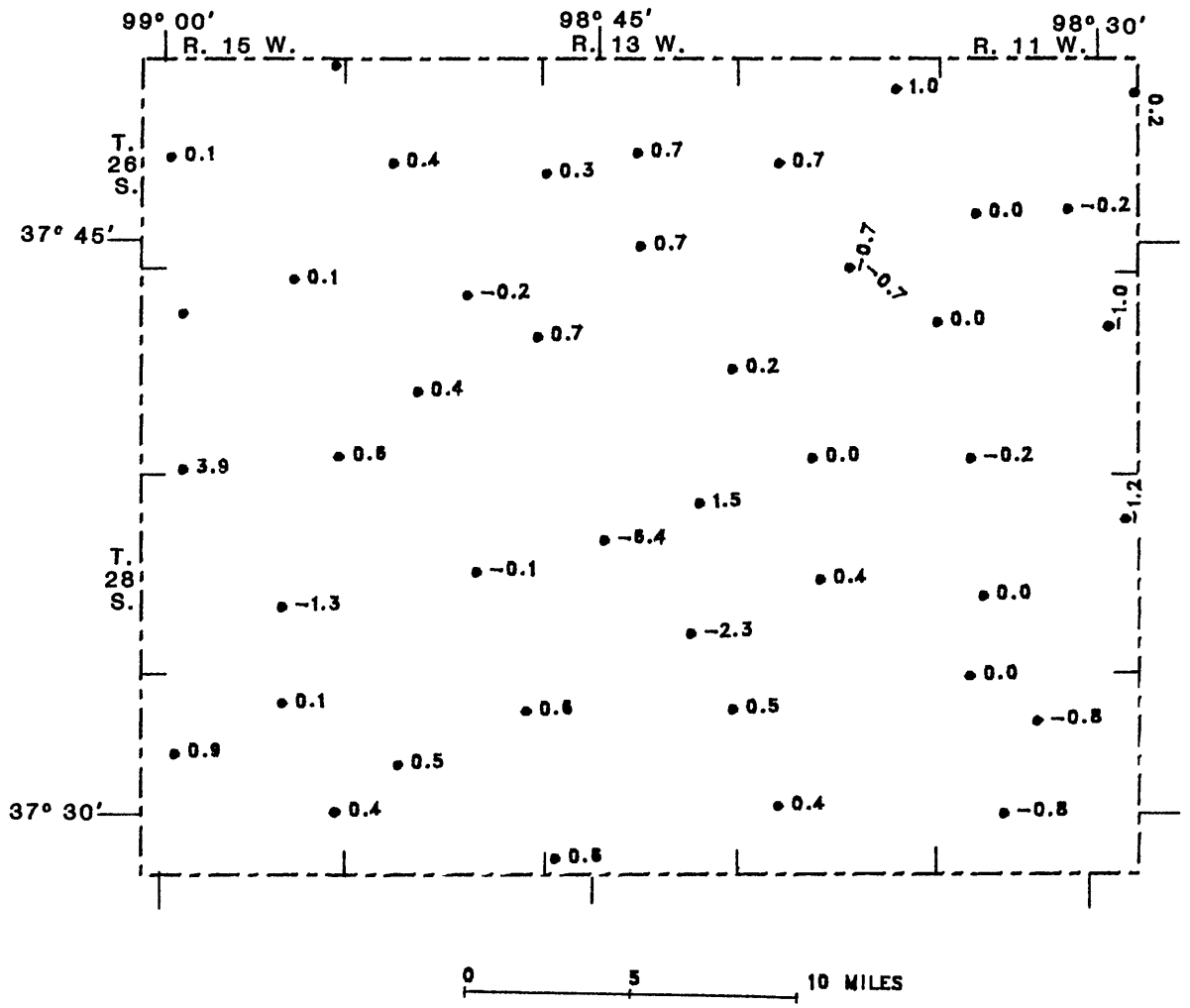
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
29S 14W 17DBD 01		2012.	222	102		99.0	98.4	98.3	98.0	98.5	97.5	97.0
29S 15W 02CCA 01	QU	2035.	215	78	85.2	86.3	94.2	90.6	92.4	93.5	93.4	93.3
29S 15W 18ADA 01	QU	2050.	175	78	86.0	91.5	94.0	94.4	91.9	98.2	91.8	90.9
29S 15W 25AAB 02			117								33.8	33.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
26S 11W 01DDB 01	QU	22.9		.6	.2			148	148	
26S 11W 27AAC 01	QU	21.9	1	1.2	-.2		.1	120	121	1
26S 11W 29BCB 01	QU	13.2	6	2.8	0.0	.1	.2	164	170	4
26S 12W 02DBD 01	QU	24.5	3	2.9	1.0	.1	.2	165	168	2
26S 12W 17CCA 01	QU	31.3	6	2.8	.7	.1	.2	159	165	4
26S 12W 34CDC 01	QU	41.7	4	1.5	-.7	.1	.1	161	165	2
26S 12W 34CDC 02	QU	40.7	5	.4	-.7	.1		161	166	3
26S 13W 16DAA 01	QU	20.6	-1	-5.0	.7		-.4	154	153	-1
26S 13W 19BBD 01	QU	23.7	-6	-9.3	.3	-.1	-.7	175	169	-3
26S 13W 34BCB 01	QU	49.2	-5	-2.5	.7	-.1	-.2	186	181	-3
26S 14W 17DCB 01	QU	26.7	-17	-10.2	.4	-.4	-.8	203	186	-8
26S 15W 01AAB 01		22.5								
26S 15W 18DAB 01	QU	17.6	-7	-12.8	.1	-.2	-1.0	239	232	-3
27S 11W 12CBC 01	QU	45.3	6	1.0	-1.0	.1	.1	48	54	13
27S 11W 31DAA 01	QA	4.9	3	-2.2	-.2	.1	-.2	118	121	3
27S 12W 12DAA 01		54.2			0.0					
27S 12W 33CBA 01	QU	2.4	1	-1.2	0.0		-.1	149	150	1
27S 13W 13DDC 01	QU	56.9	15	.1	.2	.3		73	88	21
27S 14W 03DAC 01	QU	44.0	-9		-.2	-.2		185	176	-5
27S 14W 12DDD 01	QU	61.6	-9	-3.9	.7	-.2	-.3	199	190	-5
27S 14W 21CAB 01	QU	43.0	-4	-8.8	.4	-.1	-.7	164	160	-2
27S 15W 02ABC 01	QU	30.4	-4		.1	-.1				
27S 15W 08BBD 01	QU									
27S 15W 32CCA 01	QU	52.6	-5	-6.7	3.9	-.1	-.5	145	140	-3
27S 15W 36ADD 01	QU	75.7	-1	-2.0	.6		-.2	170	169	-1
28S 11W 12ACC 01	QU	33.6	2	-1.5	-1.2		-.1	119	121	2
28S 11W 20CAC 01		67.7	2		0.0			145	147	1
28S 12W 21BAD 01	QU	81.3	2	.5	.4			124	126	2
28S 13W 02DDC 01	QU	13.1	-4	-5.0	1.5	-.1	-.4	170	166	-2
28S 13W 17AAA 01	QU	75.6	-4	-3.6	-6.4	-.1	-.3	117	113	-3
28S 13W 26DCB 01	QU	92.6	-4	-1.6	-2.3	-.1	-.1	102	98	-4
28S 14W 14CCC 01	QU	77.1	3	-.2	-.1	.1		114	117	3
28S 15W 23CCD 01	QU	108.5	1	-.5	-1.3			162	163	1
29S 11W 06AAA 01		42.2	8		0.0	.2		123	131	7
29S 11W 09ADD 01	QU	51.5	4	-2.6	-.8	.1	-.2	115	119	3
29S 11W 29AAD 01	QU	58.7	4	-1.3	-.8	.1	-.1	136	140	3
29S 12W 20CCD 01	QU	97.1	-2	1.3	.4		.1	137	135	-1
29S 13W 12ABB 01		69.9	6		.5	.1		120	126	5
29S 13W 31CAA 01	QU	30.2	1	.4	.6			123	124	1
29S 14W 12ABB 01		99.0	9		.6	.2		125	134	7

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
29S 14W 17DBD 01		97.0	5		.5	.1		120	125	4
29S 15W 02CCA 01	QU	93.3	-15	-8.1	.1	-.3	-.6	137	122	-11
29S 15W 18ADA 01	QU	90.9	-13	-4.9	.9	-.3	-.4	97	84	-13
29S 15W 25AAB 02		33.4			.4				84	



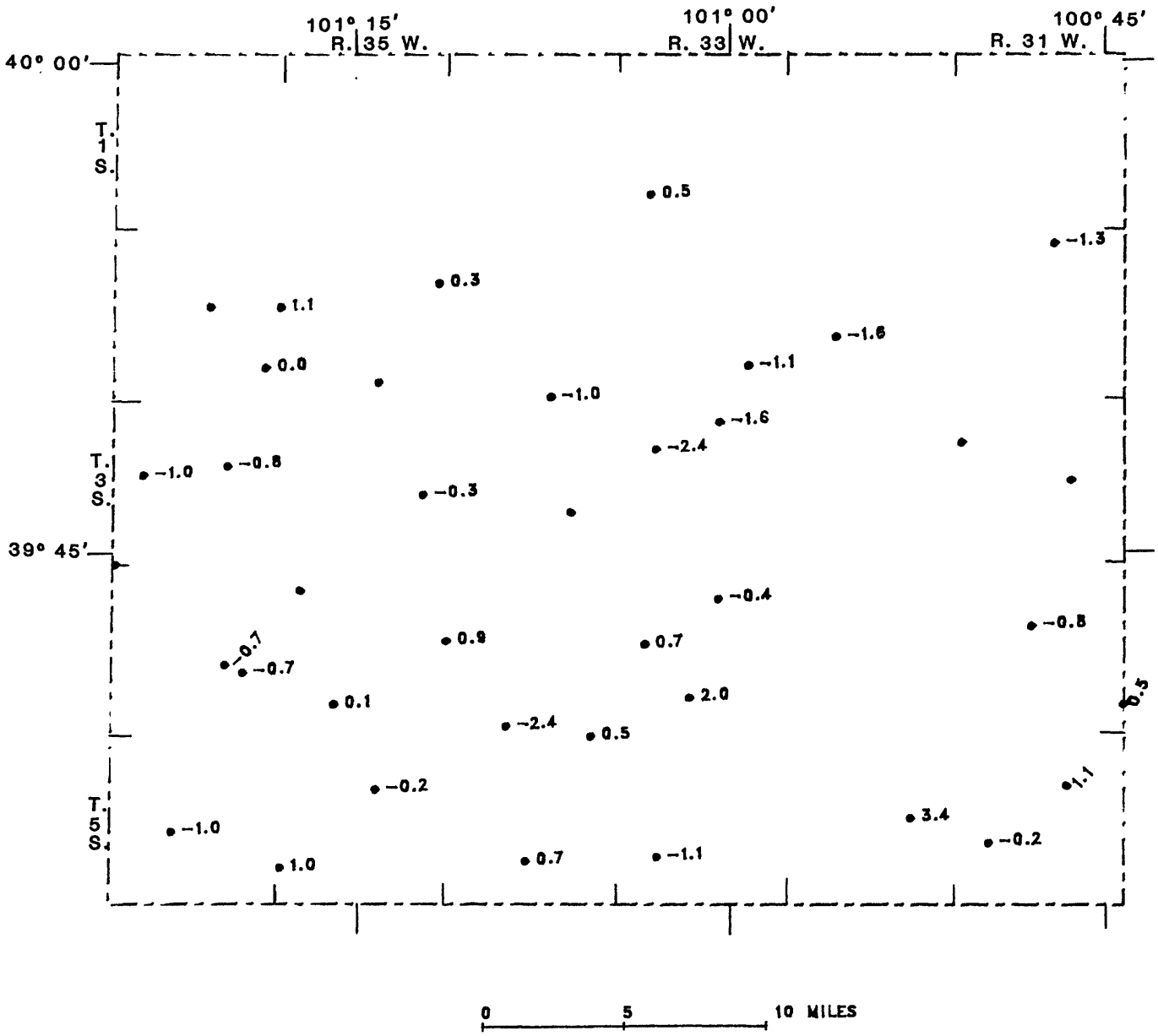
WATER–LEVEL CHANGE IN PRATT COUNTY, 1986–87

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 1966 (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)	DEPTH TO WATER 1987 (FEET)
01S 33W 29CCC 01	TO	2992.	144	115	115.6	114.0	114.1	113.8	113.5	113.5	113.3	112.8
02S 31W 03CAD 01	QA	2665.	42	15	14.7	20.3	18.4	15.9	16.5	16.8	16.4	17.7
02S 32W 20DCD 01	QA	2735.	32	5	8.3	15.4	11.9	11.0	11.6	10.7	10.6	12.2
02S 33W 26DCC 01	QA	2798.	46	13	19.8		23.6	22.3	22.8	23.0	22.3	23.4
02S 35W 13ABB 01	TO	3178.	208	174	170.3		169.8			169.4	168.9	168.6
02S 35W 34CAA 01	QA,TC	3064.	112	29	29.6	31.0	30.8	30.7	30.8		30.8	
02S 36W 13DDD 01	TO	3286.	260	186	190.1	190.6	190.0	189.1	190.3	189.4	188.9	187.8
02S 36W 15CDD 01	TO	3334.	290	204	203.8	213.4	204.4	203.0	202.6	198.6	202.3	
02S 36W 36BAA 01	TO	3263.	280	160	169.8	176.7	175.3	174.6	174.5	174.6	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		74.2	73.7	73.2	73.3	73.4	
03S 33W 03DCC 01	QA	2823.	62	22	20.6	30.5	27.5	25.0	26.1	25.7	25.0	26.6
03S 33W 08CDC 01	QA	2855.	52	20	16.1	27.9	23.5	19.1	20.9	20.2	19.1	21.5
03S 34W 03ABB 01	QA	2882.	40	12	13.8	15.9	13.2	12.2	13.3	14.4	13.8	14.8
03S 34W 26BAC 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	28.5	26.1	25.5	26.5	26.8	27.1	27.4
03S 36W 14CBB 01	TO	3332.	309	188	191.2		201.4	200.8	200.2	200.8	200.3	201.1
03S 36W 17CCC 01	TO	3375.	300	196	195.3	210.9	209.5	208.0	207.1	206.8	209.2	210.2
04S 31W 16ABD 01	QA	2761.	50	7	7.9	13.0	12.6	9.5	10.9	7.1	10.7	11.5
04S 31W 25DDD 01	QA	2755.	32	15	14.6	18.7	17.7		17.6	16.3	16.6	16.1
04S 33W 10ABC 01		3086.								146.7	143.5	143.9
04S 33W 18DDA 01	TO	3068.	153	88	87.6	85.6	87.5	87.0	86.5	86.2	86.5	85.8
04S 33W 28DCA 01	TO	3125.	237	152	151.2	155.9	151.7	151.0	150.6	150.2	151.3	149.3
04S 34W 33CBC 01	TO	3160.	210	115	117.2	119.7	119.1	118.8	116.7	118.9	118.4	120.8
04S 35W 06DCD 01	TO	3252.	260	157	157.8	154.8	151.5			163.3	161.9	
04S 35W 13DAD 01	QA	3002.	51	13	15.0	16.4	16.1	15.8	15.8	16.1	16.1	15.2
04S 35W 29DDD 01	TO	3219.	224	150	150.1	154.0	150.6	150.6	150.9	150.6	149.8	149.7
04S 36W 06BBB 01	TO	3370.	293	162						189.2		
04S 36W 23CBB 01	TO	3351.								216.1	215.2	215.9
04S 36W 23DCA 01		3339.								212.7	211.9	212.6
05S 31W 10DDA 01	TO	2820.	70	30	40.1	45.7	43.7	42.1	42.7	42.9	42.6	41.5
05S 31W 20CCA 01	TO	2865.	68	22	29.7	37.4	35.9	35.5	35.6	36.2	33.0	33.2
05S 32W 14CDD 01	TO	3020.	180	130	130.8	130.8	130.4	131.4	130.3	131.2	133.6	130.2
05S 33W 29BDA 01	TO	3042.	115	12	17.0	20.0	19.2	17.1	17.5	17.2	17.9	19.0
05S 34W 01BBB 01	TO	3137.	237	116	114.3	116.0	116.1	115.8	113.5	115.5	114.6	114.1
05S 34W 28ADC 01	TO	3207.	247	127	134.1	135.1	135.0	134.6	134.9	133.8	133.5	132.8
05S 35W 10CDD 01	TO	3267.	277	167	165.8	167.6	167.7	167.0	167.5	167.3	166.9	167.1
05S 35W 30CBC 01		3336.								170.5	171.2	170.2
05S 36W 21BCD 01	QA,TC	3220.	155	17	15.5	20.0	18.7		13.7		18.0	19.0

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
01S 33W 29CCC 01	TO	112.8	2	2.8	.5	.1	.1	29	31	7
02S 31W 03CAD 01	QA	17.7	-3	-3.0	-1.3	-.1	-.1	27	24	-11
02S 32W 20DCD 01	QA	12.2	-7	-3.9	-1.6	-.2	-.2	27	20	-26
02S 33W 26DCC 01	QA	23.4	-10	-3.6	-1.1	-.3	-.2	33	23	-30
02S 35W 13ABB 01	TO	168.6	5	1.7	.3	.1	.1	34	39	15
02S 35W 34CAA 01	QA,TO									
02S 36W 13DDD 01	TO	187.8	-2	2.3	1.1	-.1	.1	74	72	-3
02S 36W 15CDD 01	TO									
02S 36W 36BAA 01	TO	174.6	-15	-4.8	0.0	-.4	-.2	120	105	-13
03S 31W 07CBD 01	TO									
03S 31W 23BBB 01	TO									
03S 33W 03DCC 01	QA	26.6	-5	-6.0	-1.6	-.1	-.3	40	35	-13
03S 33W 08CDC 01	QA	21.5	-2	-5.4	-2.4	-.1	-.3	32	31	-3
03S 34W 03ABB 01	QA	14.8	-3	-1.0	-1.0	-.1		28	25	-11
03S 34W 26BAC 01	QA									
03S 35W 24CBB 01	QA	27.4	-6	-2.7	-.3	-.2	-.1	29	23	-21
03S 36W 14CBB 01	TO	201.1	-13	-9.8	-.8	-.4	-.5	121	108	-11
03S 36W 17CCC 01	TO	210.2	-14	-14.8	-1.0	-.4	-.7	104	90	-13
04S 31W 16ABD 01	QA	11.5	-5	-3.6	-.8	-.1	-.2	43	39	-9
04S 31W 25DDD 01	QA	16.1	-1	-1.4	.5		-.1	17	16	-6
04S 33W 10ABC 01		143.9			-.4					
04S 33W 18DDA 01	TO	85.3	2	1.9	.7	.1	.1	65	67	3
04S 33W 28DCA 01	TO	149.3	3	2.0	2.0	.1	.1	85	88	4
04S 34W 33CBC 01	TO	120.8	-6	-3.6	-2.4	-.2	-.2	95	89	-6
04S 35W 06DCD 01	TO									
04S 35W 13DAD 01	QA	15.2	-2	-.1	.9	-.1		38	36	-5
04S 35W 29DDD 01	TO	149.7		.5	.1			74	74	
04S 36W 06BBB 01	TO									
04S 36W 23CBB 01	TO	215.9			-.7					
04S 36W 23DCA 01		212.6			-.7					
05S 31W 10DDA 01	TO	41.5	-12	-1.3	1.1	-.3	-.1	40	29	-28
05S 31W 20CCA 01	TO	33.2	-11	-3.5	-.2	-.3	-.2	46	35	-24
05S 32W 14CDD 01	TO	130.2		.7	3.4			50	50	
05S 33W 29BDA 01	TO	19.0	-7	-2.0	-1.1	-.2	-.1	103	96	-7
05S 34W 01BBB 01	TO	114.1	2	.3	.5	.1		121	123	2
05S 34W 28ADC 01	TO	132.8	-6	1.3	.7	-.2	.1	120	114	-5
05S 35W 10CDD 01	TO	167.1		-1.3	-.2		-.1	110	110	
05S 35W 30CBC 01		170.2			1.0					
05S 36W 21BCD 01	QA,TO	19.0	-2	-3.5	-1.0	-.1	-.2	138	136	-1



WATER–LEVEL CHANGE IN RAWLINS COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
22S 04W 12CDA 01	QU	1449.								40.2	32.8	32.7
22S 04W 32BBC 01	QU	1510.							11.1		12.7	14.0
22S 05W 17BCC 01										9.8	6.7	6.7
22S 05W 33DBD 01		1598.								18.9	18.0	18.4
22S 06W 18BCB 01										9.6	7.6	9.1
22S 06W 28CCB 01								9.1	9.1	9.1	8.3	8.8
22S 07W 17DCB 01	QU	1596.			2.0		7.8	7.0		4.6	4.8	4.6
22S 08W 09DBB 01	QU	1670.		35		31.5	32.7	32.0	32.0	32.4	31.3	32.9
22S 08W 23DAD 01	QU	1651.			29.3	27.8	30.2	29.9	29.5	28.5	28.2	29.4
22S 08W 33CCD 01	QU	1658.			4.2	7.0	9.4		7.5	6.9	5.4	
22S 09W 03BBD 01	QU	1712.		20	29.1	35.2	34.6	33.5	34.0	35.5	33.4	34.4
22S 09W 17BAB 01	QU	1732.		10	9.8	19.6	19.6	19.2	19.0	20.8	17.1	19.8
22S 09W 25BBA 01	QU	1705.			18.9					22.1	21.8	22.8
22S 10W 02DCC 01	QU	1736.		12	1.6	10.7	9.1	9.4	9.9	10.5	7.4	9.9
22S 10W 08BBB 01	QU	1764.		6	5.9	15.9	12.8	13.6	14.1	14.9	12.8	14.2
22S 10W 30DAA 01	QU	1775.		10	3.9	11.3	6.5	9.2	11.8	13.0	9.2	9.5
23S 04W 03BAB 02												2.5
23S 04W 16BBB 01	QU	1570.								22.2	18.9	19.1
23S 04W 30BAA 01	QU	1491.								8.6	7.2	6.7
23S 06W 15BAC 01										9.6	9.2	9.7
23S 06W 31DCB 01	QU	1577.		27	32.4	31.0	32.1	31.1	31.0	31.1	30.7	30.1
23S 07W 01ABA 01	QU	1567.		7	5.3	8.2	7.6	8.3	8.1	8.1	7.7	8.1
23S 07W 05ABA 01	QU	1623.		20	22.5	26.8	28.0	26.5	27.0	26.6	23.9	25.4
23S 07W 13DDD 01	QU	1604.		49	52.8	52.6	52.7	52.5	52.6	52.4	52.2	51.9
23S 08W 18AAD 01	QU	1675.		15	10.5	14.6	15.7	14.5	14.5	14.2	12.0	13.2
23S 09W 05CBD 01	QU	1740.		9	12.0	18.0	18.6	18.9	19.2	20.2	18.5	19.6
23S 09W 21DDB 01	QU	1732.		7	3.2	12.0	11.8	12.1	11.9	13.2	10.5	10.1
23S 09W 35CCC 01	QU	1718.	110	10	13.6	20.7	20.4	20.7	20.8	22.1	18.6	16.9
23S 10W 02BAB 01	QU	1751.		7	3.0	8.2	7.1	7.3	8.0	8.1	6.9	7.1
23S 10W 25CAC 01	QU	1752.		18	4.5	11.9	11.8	12.9	13.5	14.7	14.3	14.0
24S 04W 05CDB 01	QU	1480.							7.5	7.4	7.3	7.0
24S 04W 14DAC 01	QU	1455.							9.5	9.2	7.4	7.2
24S 04W 25BBD 01	QU	1448.								5.7	4.2	4.4
24S 04W 31DAB 01		1485.							29.8	29.1	26.1	25.6
24S 05W 10CCA 01	QU	1509.							25.6		20.3	20.3
24S 06W 03AAB 01		1554.										27.2
24S 06W 23CBA 01										11.8	9.2	6.9
24S 07W 08ADA 02		1633.									43.3	42.2
24S 07W 28AAA 01	QU	1588.		13	14.1	12.3	12.1	12.3	11.9	11.9	10.4	9.0
24S 08W 04AB 01		1660.		13		14.3	17.5	17.7	16.9	15.2	12.7	10.0

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

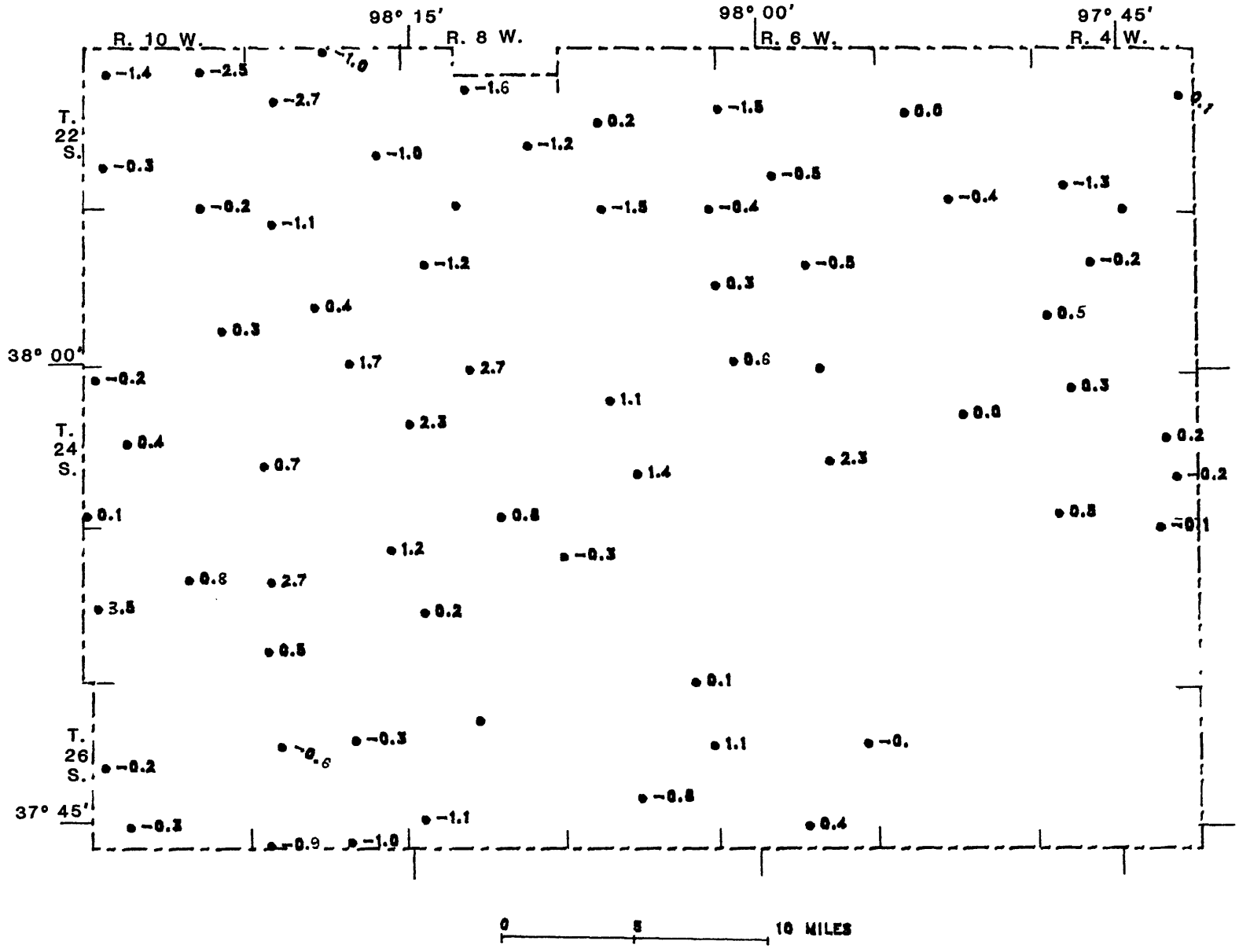
WELL NUMBER	GECLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
24S 08W 18BAC 01	QU	1649.			2.5	5.5	5.0	6.1	6.1	5.9	4.9	2.6
24S 08W 34DAC 01	QU	1590.			6.4	6.3	6.2	6.3	6.2	6.3	5.9	5.1
24S 09W 19DDB 01	QU	1704.		17	21.9	21.9	22.9	23.3	23.8	24.0	23.3	22.6
24S 10W 06DBB 01	QU	1797.		17	17.9	20.2	22.1	22.7	23.5	24.5	24.4	24.6
24S 10W 17DDC 01	QU	1755.		9	11.8	15.3	15.0	16.9	17.4	17.6	17.6	17.2
24S 10W 31CBC 01		1750.								10.5	10.0	9.9
25S 04W 02ABB 01	QU	1449.								8.7	8.3	8.4
25S 07W 07BBD 01	QU	1602.			24.3	23.1	23.2	23.7	23.5	23.3	22.4	22.7
25S 07W 36CCC 01	QU	1570.			24.5	26.1	26.8	27.3	26.2	26.0	24.0	23.9
25S 08W 19ADB 01	QU	1607.			7.3	9.5	9.4	9.6	9.0	8.4	7.3	7.1
25S 09W 01DCD 01	QU	1658.		10	12.8	13.6	14.6	14.8	14.8	15.1	14.3	13.1
25S 09W 17BBC 01	QU	1710.		7	12.6	14.6	14.9	15.2	15.2	15.8	15.0	12.3
25S 09W 30DDA 01	QU	1693.		15	16.0	17.8	17.3	17.9	18.2	17.8	17.1	16.6
25S 10W 14BBB 01	QU	1748.	115	25	24.9	24.6	24.6	25.9	26.2	26.5	26.3	25.5
25S 10W 19ABD 01	QU	1790.		33	27.9	28.1	28.4	29.7	30.0	29.9	31.5	28.0
26S 06W 13BAB 01	QU	1475.			7.2	9.5	7.8	9.8	8.8	8.1	6.8	7.4
26S 06W 34BBC 01	QU	1545.			17.6	18.9	19.5	20.0	17.7	17.5	15.6	15.2
26S 07W 12DCC 01	QU	1582.			30.6	31.2	31.6	31.3	31.1	31.1	28.8	27.7
26S 07W 21DDC 01	QU	1620.			21.5	19.8	20.9	20.8	20.3	18.9	17.5	18.3
26S 08W 09ABA 01	QU	1569.				6.7	6.9	7.8	7.6	7.4	7.2	
26S 08W 30DCB 01	QU	1680.			32.5	32.7	33.0	34.0	31.7	30.9	29.9	31.0
26S 09W 10DDB 01	QU	1686.		26	19.8	21.6	21.8	19.9	22.1	19.9	19.7	20.0
26S 09W 18AAA 01	QU	1668.		17	8.3	8.3	8.5	7.5	7.6	6.7	6.5	7.1
26S 09W 31DCC 01		1735.								53.0	52.0	52.9
26S 09W 34DBD 01	QU	1685.		25	25.3	25.2	25.5	25.5	26.6	24.1	23.0	24.0
26S 10W 18CDC 01	QU	1797.		13	24.6	23.7	24.3	24.7	25.3	24.6	23.6	23.8
26S 10W 32BBD 01	QU	1760.		5	24.5	25.2	25.5	26.1	26.2	25.1	25.0	25.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
22S 04W 12CDA 01	QU	32.7			.1					
22S 04W 32BBC 01	QU	14.0			-1.3					
22S 05W 17BCC 01		6.7			0.0					
22S 05W 33DBD 01		18.4			-.4					
22S 06W 18BCB 01		9.1			-1.5					
22S 06W 28CCB 01		8.8			-.5					
22S 07W 17DCB 01	QU	4.6		-2.5	.2		-.2			
22S 08W 09DBB 01	QU	32.9	2		-1.6					
22S 08W 23DAD 01	QU	29.4		-.1	-1.2					
22S 08W 33CCD 01	QU									
22S 09W 03BBD 01	QU	34.4	-14	-5.3	-1.0	-.3	-.4			
22S 09W 17BAB 01	QU	19.3	-10	-10.0	-2.7	-.2	-.8			
22S 09W 25BBA 01	QU	22.3		-3.9	-1.0		-.3			
22S 10W 02DCC 01	QU	9.9	2	-8.3	-2.5		-.6			
22S 10W 08BBB 01	QU	14.2	-8	-8.3	-1.4	-.2	-.6			
22S 10W 30DAA 01	QU	9.5	1	-5.6	-.3		-.4			
23S 04W 03BAB 02		2.5								
23S 04W 16BBB 01	QU	19.1			-.2					
23S 04W 30BAA 01	QU	6.7			.5					
23S 06W 15BAC 01		9.7			-.5					
23S 06W 31DCB 01	QU	30.1	-3	2.3	.6	-.1	.2			
23S 07W 01ABA 01	QU	8.1	-1	-2.8	-.4		-.2			
23S 07W 05ABA 01	QU	25.4	-5	-2.9	-1.5	-.1	-.2			
23S 07W 13DDD 01	QU	51.9	-3	.9	.3	-.1	.1			
23S 08W 18AAD 01	QU	13.2	2	-2.7	-1.2		-.2			
23S 09W 05CBD 01	QU	19.6	-11	-7.6	-1.1	-.3	-.6			
23S 09W 21DDB 01	QU	10.1	-3	-6.9	.4	-.1	-.5			
23S 09W 35CCC 01	QU	16.9	-7	-3.3	1.7	-.2	-.3	100	93	-7
23S 10W 02BAB 01	QU	7.1		-4.1	-.2		-.3			
23S 10W 25CAC 01	QU	14.0	4	-9.5	.3	.1	-.7			
24S 04W 05CDB 01	QU	7.0			.3					
24S 04W 14DAC 01	QU	7.2			.2					
24S 04W 25BBD 01	QU	4.4			-.2					
24S 04W 31DAB 01		25.6			.5					
24S 05W 10CCA 01	QU	20.3			0.0					
24S 06W 03AAB 01		27.2								
24S 06W 23CBA 01		6.9			2.3					
24S 07W 08ADA 02		42.2			1.1					
24S 07W 28AAA 01	QU	9.0	4	5.1	1.4	.1	.4			
24S 08W 04AB 01		10.0	3		2.7	.1				

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
24S 08W 18BAC 01	QU	2.6		-.1	2.3					
24S 08W 34DAC 01	QU	5.1		1.3	.8		.1			
24S 09W 19DDB 01	QU	22.6	-6	-.7	.7	-.1	-.1			
24S 10W 06DBB 01	QU	24.6	-8	-6.7	-.2	-.2	-.5			
24S 10W 17DDC 01	QU	17.2	-8	-5.4	.4	-.2	-.4			
24S 10W 31CBC 01		9.9			.1					
25S 04W 02ABB 01	QU	8.4			-.1					
25S 07W 07BBD 01	QU	22.7		1.6	-.3		.1			
25S 07W 36CCC 01	QU	23.9		.6	.1					
25S 08W 19ADB 01	QU	7.1		.2	.2					
25S 09W 01DCD 01	QU	13.1	-3	-.3	1.2	-.1				
25S 09W 17BBC 01	QU	12.3	-5	.3	2.7	-.1				
25S 09W 30DDA 01	QU	16.6	-2	-.6	.5					
25S 10W 14BBB 01	QU	25.5	-1	-.6	.8			90	90	
25S 10W 19ABD 01	QU	28.0	5	-.1	3.5	.1				
26S 06W 13BAB 01	QU	7.4		-.2	-.6					
26S 06W 34BBC 01	QU	15.2		2.4	.4		.2			
26S 07W 12DCC 01	QU	27.7		2.9	1.1		.2			
26S 07W 21DDC 01	QU	18.3		3.2	-.8		.2			
26S 08W 09ABA 01	QU									
26S 08W 30DCB 01	QU	31.0		1.5	-1.1		.1			
26S 09W 10DDB 01	QU	20.0	6	-.2	-.3	.1				
26S 09W 18AAA 01	QU	7.1	10	1.2	-.6	.2	.1			
26S 09W 31DCC 01		52.9			-.9					
26S 09W 34DBD 01	QU	24.0	1	1.3	-1.0		.1			
26S 10W 18CDC 01	QU	23.8	-11	.8	-.2	-.3	.1			
26S 10W 32BBD 01	QU	25.3	-20	-.8	-.3	-.5	-.1			



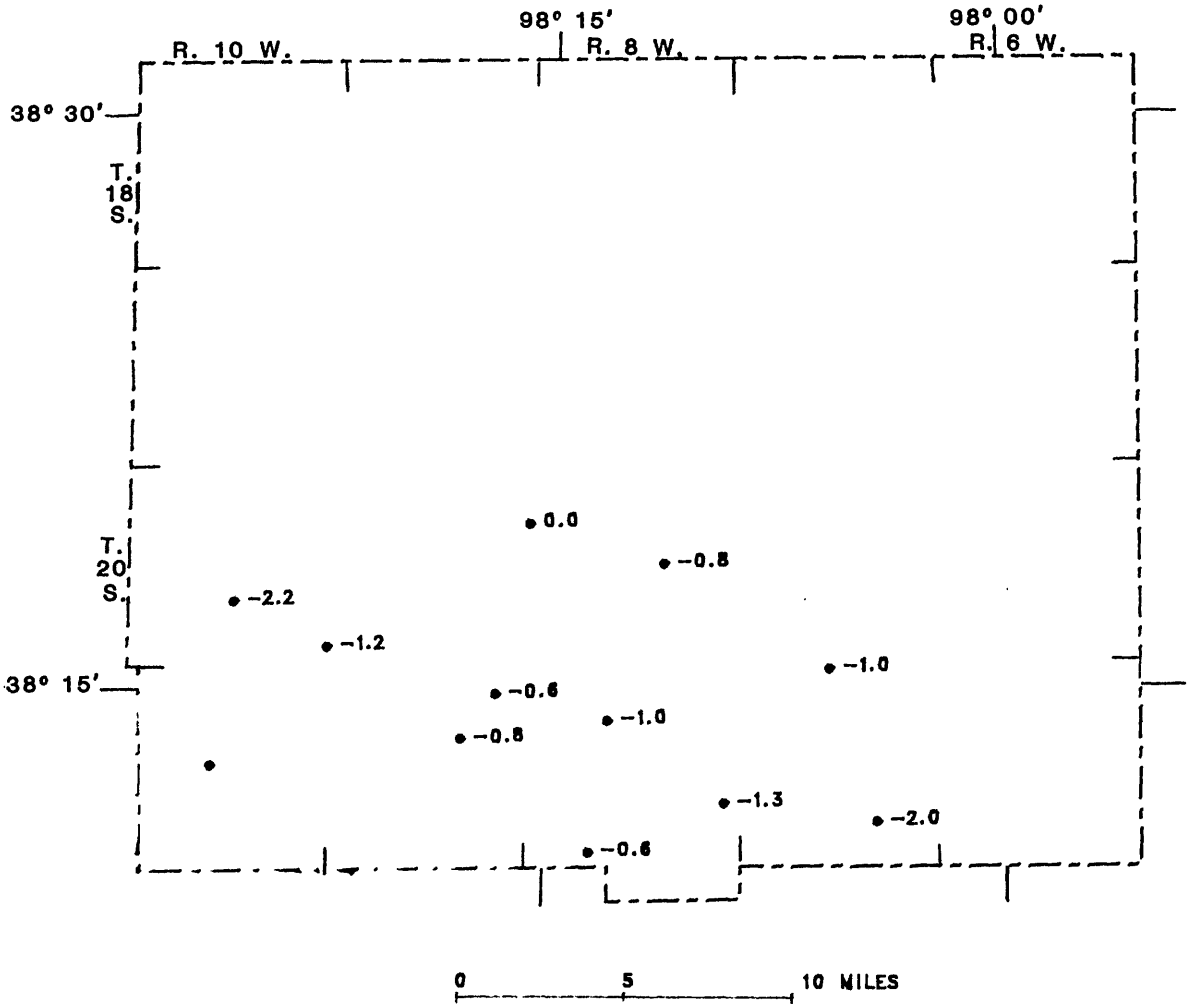
WATER–LEVEL CHANGE IN RENO COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, RICE 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 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)	DEPTH TO WATER 1987 (FEET)
20S 08W 22AAA 01		1644.		14		15.0	13.8	14.1	15.1	15.4	13.7	14.5
20S 09W 12DDA 01	QA	1664.		11	8.3	14.1	12.5	12.9	13.6	14.1	12.8	12.8
20S 10W 27BBB 01		1786.		46						34.3	33.3	35.5
20S 10W 36ACD 01		1715.		10		13.7	13.1	13.0	13.8	14.2	13.0	14.2
21S 07W 04AAC 01		1615.		14		14.1	13.2	13.8	14.2	14.0	12.7	13.7
21S 07W 26CBD 01		1595.		10		11.0	10.2	9.7			11.0	13.0
21S 08W 09CBD 01		1647.		9		11.4	11.2	10.7	11.7	12.6	11.2	12.2
21S 08W 25ABB 01		1620.		7		6.2	5.0	4.7	5.8	5.9	4.3	5.6
21S 08W 32DBB 01		1641.		3						7.1	6.7	7.3
21S 09W 02DDA 01		1670.		9			12.8	12.4	13.2	14.3	12.7	13.3
21S 09W 15AAC 02		1669.									6.0	6.8
21S 10W 16CDC 01		1720.										6.7

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
20S 08W 22AAA 01		14.5	-1		-.8					
20S 09W 12DDA 01	QA	12.8	-2	-4.5	0.0	-.1	-.2			
20S 10W 27BBB 01		35.5	11		-2.2	.3				
20S 10W 36ACD 01		14.2	-4		-1.2	-.1				
21S 07W 04AAC 01		13.7			-1.0					
21S 07W 26CBD 01		13.0	-3		-2.0	-.1				
21S 08W 09CBD 01		12.2	-3		-1.0	-.1				
21S 08W 25ABB 01		5.6	1		-1.3					
21S 08W 32DBB 01		7.3	-4		-.6	-.1				
21S 09W 02DDA 01		13.3	-4		-.6	-.1				
21S 09W 15AAC 02		6.8			-.8					
21S 10W 16CDC 01		6.7								



WATER–LEVEL CHANGE IN RICE COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC 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 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)	DEPTH TO WATER 1987 (FEET)
16S 31W 17DDD 01	TO	2931.	161	118			121.8	119.0	121.7	121.1	119.2	120.0
16S 31W 31BCB 01	TO	2958.	168	127	128.4	139.5	136.6	135.0	135.0	137.6	134.5	135.8
16S 33W 19CBB 01	TO	3097.	192	124	140.7	161.2	160.1	157.2	160.2	159.3	159.9	161.5
16S 33W 33BAA 01	TO	3066.	194	130			148.6	148.9	152.3	150.7	150.4	151.8
16S 34W 09CCB 01	TO	3146.	181	118	133.5		155.9	156.7	157.0	157.4	157.8	158.6
16S 34W 29CBB 01	TO	3160.	181	119	134.1	162.9	168.2	166.2	166.3	166.7	166.7	167.5
17S 31W 04DCC 01	TO	2932.	170	117			130.3	135.1	125.6	129.3	125.7	
17S 31W 19CDA 01	TO	2960.						122.0	124.2	125.4	121.5	123.7
17S 31W 35CCB 01	TO	2925.	147	86		99.2	101.8	101.0	98.3	97.6	97.5	99.9
17S 32W 16BBB 01	TO	2980.	231	88			145.8	152.2	139.2		140.6	
17S 32W 27BBB 01	TO	2990.	180	95	107.0			147.8	153.1	153.0	143.0	147.0
17S 32W 31BCB 01	TO	2984.	245	68	88.6	129.4		146.8	136.2	137.2		138.7
17S 33W 07BBB 01	TO	3093.	202	112	134.5	153.7	154.6	153.6		154.5	158.0	151.3
17S 33W 14ACB 01	TO	3014.	214	93			137.8	138.7	139.5	140.6	140.7	140.0
17S 34W 06BCB 01	TO	3163.	194	108	118.5	141.9	146.8	144.6		146.8	146.1	147.9
17S 34W 16ACB 01	TO	3134.	194	107	112.1	125.7	127.8	126.3	127.4	127.1	128.2	
17S 34W 25DBB 01	TO	3092.	189	103	114.5	135.5	137.1	134.6	137.1	137.1	134.9	136.5
18S 31W 24BCB 01	TO	2913.	110	68		75.5	74.1	77.9	76.2	75.4	74.6	75.6
18S 31W 27ABA 01	TO	2930.	105	70		69.6	69.9	70.4	69.2		69.0	68.6
18S 32W 14BBB 01	TO	2980.	175	85	98.4	111.1	113.2	116.0	114.5	114.6	114.5	114.7
18S 32W 17ABA 02	TO	2973.				112.0	114.7	116.2	114.9	113.6	113.5	114.1
18S 33W 03CCB 01	TO	3008.	182	71	83.1		120.8	117.0	118.0	118.8	118.2	118.9
18S 33W 05CCC 01	TO	3041.	119	75	84.7	96.3	97.5	99.9	99.1	99.7	99.6	106.7
18S 33W 11ABB 01	TO	2981.	199	55		108.4	111.6	114.9	113.6	117.1	115.4	114.8
18S 33W 15DDD 01	TO	2958.	132			102.0	98.6	93.2	89.2	89.1	90.9	94.2
18S 33W 26DAD 02		2952.	168	30	47.0	73.9	75.3	76.8	77.8	79.2	80.6	81.5
18S 33W 34ADB 01	TO	2960.	122	26		72.2	76.8	79.0	77.3	76.0	78.7	82.5
18S 34W 05CBB 01	TO	3148.	168	88		113.3	115.5	115.6	115.9	115.5	114.8	117.2
18S 34W 25BBD 01	TO	3092.	132	90	95.8	110.7	111.6	112.4	112.6	112.6	116.3	116.4
18S 34W 34BBC 01	TO	3130.	160	90	100.6	118.0	119.0	119.1	116.9		116.9	118.7
19S 32W 06CCB 01		2937.	199	21		63.0	65.6	67.5	68.0	70.3	69.2	72.0
19S 32W 32ACB 01	QU,TC	2984.	204	69		83.4	84.8	86.9	86.3	86.3	85.2	85.6
19S 33W 06DBB 01	TO	3021.	117	59		63.5	63.4	64.6	66.5	68.1	62.7	62.9
19S 33W 12DDC 01	QA,TC	2939.	200	25	29.5	51.3	52.6	53.1	55.8	55.8	56.4	56.9
19S 33W 15DBD 01	TO	2964.	132	56	70.9	104.5	107.0	109.0	108.6	108.8	109.9	110.0
19S 33W 29CBB 02		2994.	174	76	101.0		117.8	120.8	124.3	126.1	115.1	117.2
19S 34W 19DCCC01		3138.				125.8	125.2	125.0	125.9	126.1	126.1	126.2
20S 32W 16DAD 01	TO	2955.	155	57				126.2	123.2		123.9	
20S 32W 30BCD 01	TO	2917.	187	25		84.0	87.6	92.5	91.1	92.8	97.4	101.6
20S 33W 02DBB 01		2955.	155	50	76.6			115.0		107.8	101.5	101.1

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

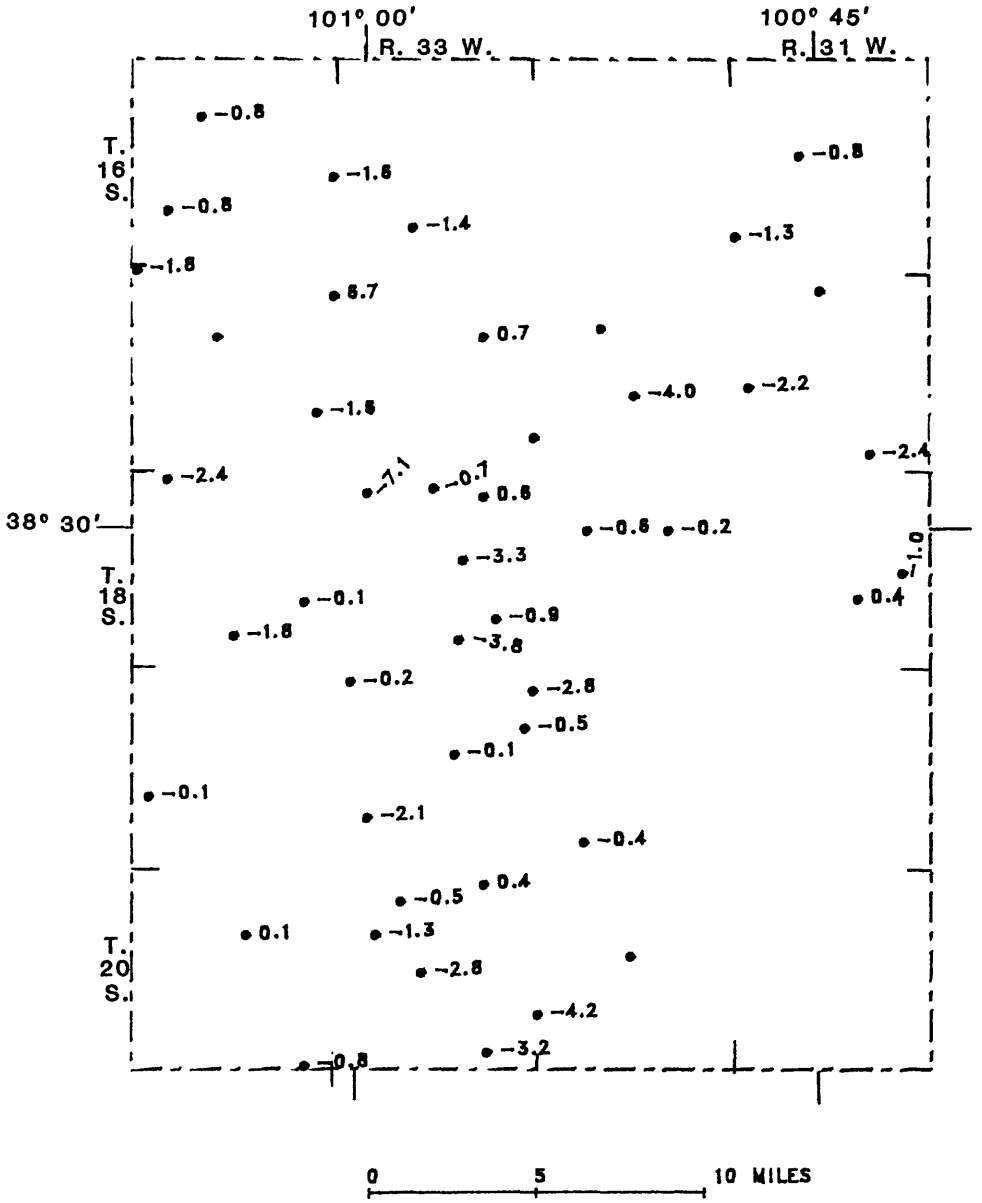
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
20S 33W 09BBB 01	TO	2973.	128	60	84.5	97.0	97.7	98.1	98.9	99.5	100.1	100.6
20S 33W 17BAB 01	TO	2974.	132	62	84.8		115.8	117.4	117.5	117.1	116.9	118.2
20S 33W 21ABD 01		2957.	147	48	50.9		129.2	124.1		135.0	123.2	126.0
20S 33W 35DBA 01	QA,TC	2929.	147	40	53.2	88.5	91.0	93.7	94.5	96.9	96.8	100.0
20S 34W 15BAA 01	TO	3060.	138	97		105.0	103.1	102.6	102.9	103.4	102.7	102.6
20S 34W 36CCD 01	TO	2962.	107	53		79.4	79.6	79.3	80.7	79.9	79.5	80.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
16S 31W 17DDD 01	TO	120.0	-2		-.8	-.1		43	41	-5
16S 31W 31BCB 01	TO	135.8	-9	-7.4	-1.3	-.2	-.4	41	32	-22
16S 33W 19CBB 01	TO	161.5	-38	-20.8	-1.6	-1.0	-1.0	68	31	-54
16S 33W 33BAA 01	TO	151.8	-22		-1.4	-.6		64	42	-34
16S 34W 09CCB 01	TO	158.6	-41	-25.1	-.8	-1.1	-1.2	63	22	-65
16S 34W 29CBB 01	TO	167.5	-49	-33.4	-.8	-1.3	-1.6	62	14	-77
17S 31W 04DCC 01	TO									
17S 31W 19CDA 01	TO	123.7			-2.2					
17S 31W 35CCB 01	TO	99.9	-14		-2.4	-.4		61	47	-23
17S 32W 16BBB 01	TO									
17S 32W 27BBB 01	TO	147.0	-52	-39.9	-4.0	-1.4	-1.9	85	33	-61
17S 32W 31BCB 01	TO	138.7	-71	-50.0		-1.9	-2.4	177	106	-40
17S 33W 07BBB 01	TO	151.3	-39	-16.7	6.7	-1.1	-.8	90	51	-43
17S 33W 14ACB 01	TO	140.0	-47		.7	-1.3		121	74	-39
17S 34W 06BCB 01	TO	147.9	-40	-29.4	-1.8	-1.1	-1.4	86	46	-47
17S 34W 16ACB 01	TO									
17S 34W 25DBB 01	TO	136.5	-34	-21.9	-1.6	-.9	-1.0	86	53	-38
18S 31W 24BCB 01	TO	75.6	-8		-1.0	-.2		42	34	-19
18S 31W 27ABA 01	TO	68.6	1		.4			35	36	3
18S 32W 14BBB 01	TO	114.7	-30	-16.2	-.2	-.8	-.8	90	60	-33
18S 32W 17ABA 02	TO	114.1			-.6					
18S 33W 03CCB 01	TO	118.9	-48	-35.8	-.7	-1.3	-1.7	111	63	-43
18S 33W 05CCC 01	TO	106.7	-32	-21.9	-7.1	-.9	-1.0	44	12	-73
18S 33W 11ABB 01	TO	114.8	-60		.6	-1.6		144	84	-42
18S 33W 15DDD 01	TO	94.2			-3.3				38	
18S 33W 26DAD 02		81.5	-52	-34.5	-.9	-1.4	-1.6	138	87	-37
18S 33W 34ADB 01	TO	82.5	-57		-3.8	-1.5		96	40	-58
18S 34W 05CBB 01	TO	117.2	-29		-2.4	-.8		80	51	-36
18S 34W 25BBD 01	TO	116.4	-26	-20.6	-.1	-.7	-1.0	42	16	-62
18S 34W 34BBC 01	TO	118.7	-29	-18.1	-1.8	-.8	-.9	70	41	-41
19S 32W 06CCB 01		72.0	-51		-2.8	-1.4		178	127	-29
19S 32W 32ACB 01	QU,TO	85.6	-17		-.4	-.5		135	118	-13
19S 33W 06DBB 01	TO	62.9	-4		-.2	-.1		58	54	-7
19S 33W 12DDC 01	QA,TO	56.9	-32	-27.3	-.5	-.9	-1.3	175	143	-18
19S 33W 15DBD 01	TO	110.0	-54	-39.1	-.1	-1.5	-1.9	76	22	-71
19S 33W 29CBB 02		117.2	-41	-16.2	-2.1	-1.1	-.8	98	57	-42
19S 34W 19DCCC01		126.2			-.1					
20S 32W 16DAD 01	TO									
20S 32W 30BCD 01	TO	101.6	-77		-4.2	-2.1		162	85	-48
20S 33W 02DBB 01		101.1	-51	-24.5	.4	-1.4	-1.2	105	54	-49

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
20S 33W 09BBB 01	TO	100.6	-41	-16.1	-.5	-1.1	-.8	68	27	-60
20S 33W 17BAB 01	TO	118.2	-56	-33.4	-1.3	-1.5	-1.6	70	14	-80
20S 33W 21ABD 01		126.0	-78	-75.0	-2.8	-2.1	-3.6	99	21	-79
20S 33W 35DBA 01	QA,TO	100.0	-60	-46.7	-3.2	-1.6	-2.2	107	47	-56
20S 34W 15BAA 01	TO	102.6	-6		.1	-.2		41	35	-15
20S 34W 36CCD 01	TO	80.3	-27		-.8	-.7		54	27	-50



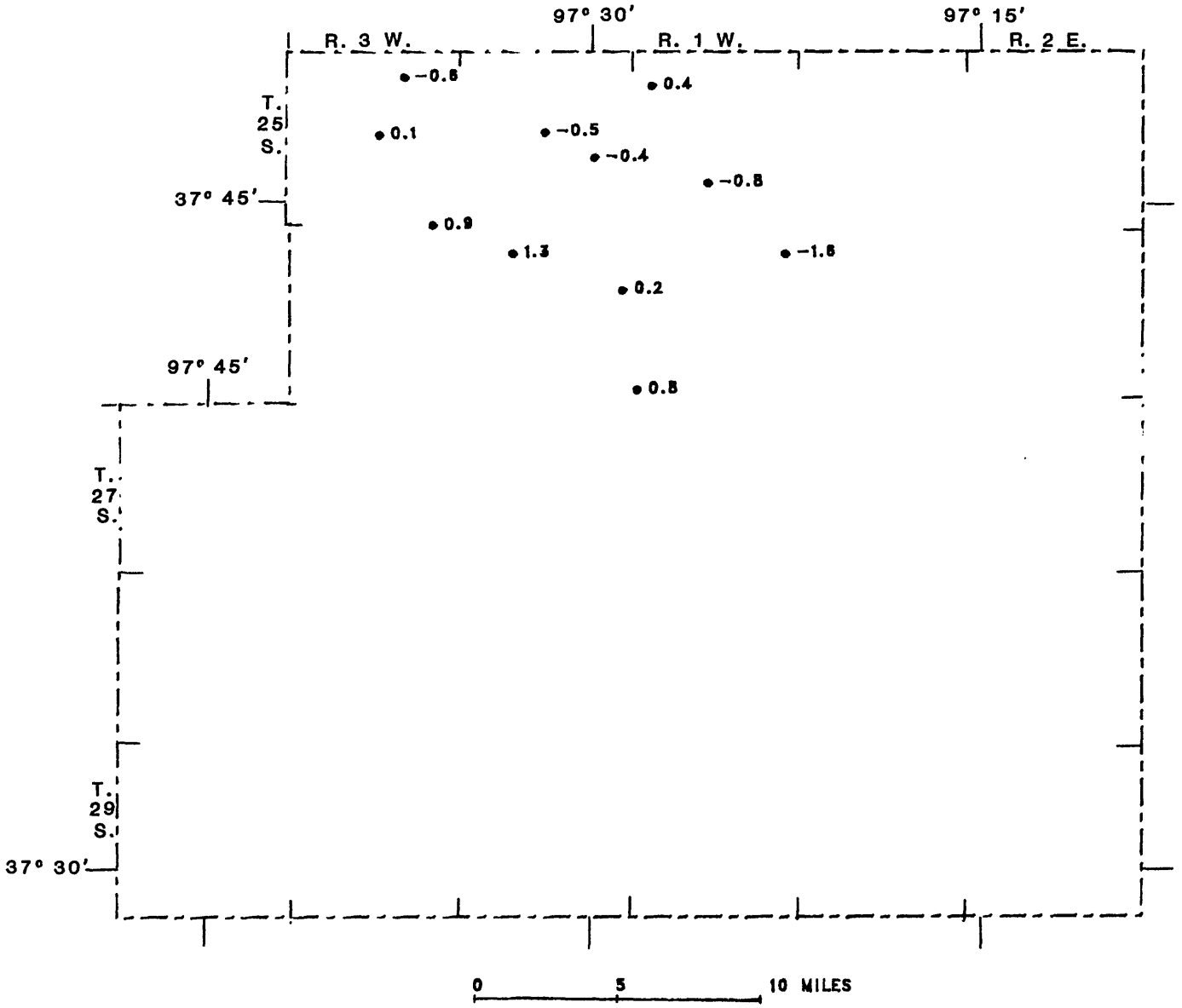
WATER–LEVEL CHANGE IN SCOTT COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, SEDGWICK 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 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)	DEPTH TO WATER 1987 (FEET)
25S 01W 07ABD 01	QU	1377.								30.8	27.6	27.2
25S 01W 28DBA 01	QU	1364.								15.1	12.9	13.7
25S 02W 16DDA 01	QU	1390.								6.7	4.4	4.9
25S 02W 23DBD 01	QU	1379.								10.3	8.7	9.1
25S 03W 03DDD 01	QA,QU	1423.				12.6	10.6	11.8	12.6	12.7	10.1	10.7
25S 03W 15CCC 01	QU	1428.								22.6	20.1	20.0
26S 01W 12BAD 01	QU	1341.								16.5	14.2	15.8
26S 01W 31CCD 01		1370.								40.1	38.8	38.0
26S 02W 08AAB 01	QU	1397.								32.8	30.9	29.6
26S 02W 13ACA 01	QU	1360.								11.1	8.7	8.5
26S 03W 02AAC 01	QU	1409.								23.2	20.9	20.0

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
25S 01W 07ABD 01	QU	27.2			.4					
25S 01W 28DBA 01	QU	13.7			-.8					
25S 02W 16DDA 01	QU	4.9			-.5					
25S 02W 23DBD 01	QU	9.1			-.4					
25S 03W 03DDD 01	QA,QU	10.7			-.6					
25S 03W 15CCC 01	QU	20.0			.1					
26S 01W 12BAD 01	QU	15.8			-1.6					
26S 01W 31CCD 01		38.0			.8					
26S 02W 08AAB 01	QU	29.6			1.3					
26S 02W 13ACA 01	QU	8.5			.2					
26S 03W 02AAC 01	QU	20.0			.9					



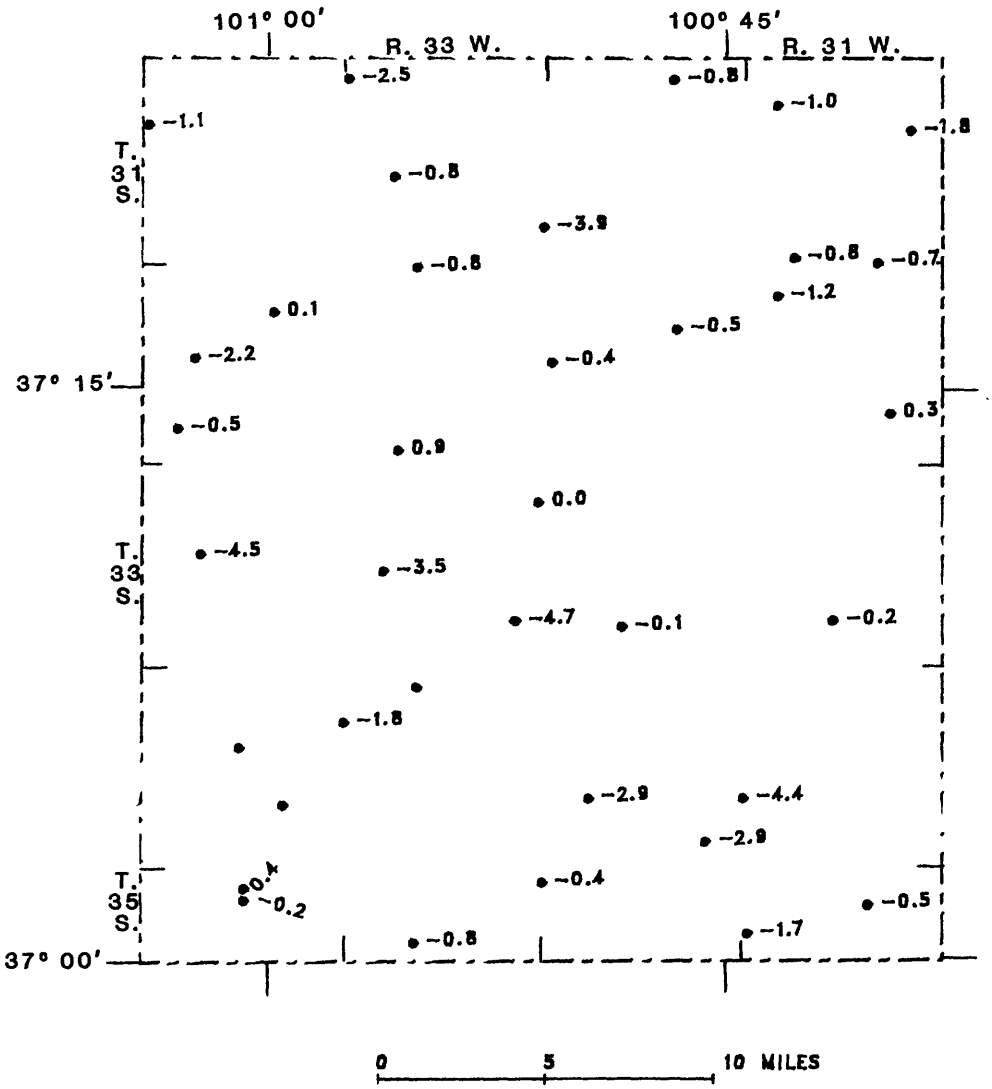
WATER–LEVEL CHANGE IN SEDGWICK COUNTY, 1986–87

TABLE 1.-- SELECTED HYDROLOGIC DATA, SEWARD 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 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)	DEPTH TO WATER 1987 (FEET)
31S 31W 08BCC 01	QU,TO	2829.	519	164	169.4	208.1	210.5	218.0	215.5	218.5	218.8	219.8
31S 31W 13BBC 01		2800.	515	152						158.4	159.0	160.8
31S 31W 32DCC 01		2801.	456	153						162.2	162.4	163.2
31S 32W 03DAD 01	QU,TO	2845.	496	158	174.1	213.8	216.8	222.3	217.3	219.6	217.7	218.5
31S 32W 31BBB 01		2864.	454	174						218.5	213.1	217.0
31S 33W 06CBD 01	QU,TC	2948.	498	210	211.2	236.4	238.2	242.4	242.5	243.7	245.0	247.5
31S 33W 20DBB 01	QU,TC	2897.	537	179	179.1	210.7	213.2	217.1	208.0	212.1	215.7	216.5
31S 34W 18BBB 01	QU,TO	2951.	421	186	186.3		213.4	218.0	216.8	218.8	219.0	220.1
32S 31W 02BBB 01		2787.	497	149						192.6	191.8	192.5
32S 31W 08BBB 01	QU,TC	2815.	455	175	165.5	200.5	204.4	214.6	202.9	204.4	203.3	204.5
32S 31W 26CAA 01	QU,TO	2783.	453	180	182.9	219.2		216.5	209.3	217.9	220.5	220.2
32S 32W 14BBB 01	QU,TC	2830.	435	180	192.8		227.3	232.7	222.0	222.7	222.0	222.5
32S 32W 19BAB 01	QU,TO	2854.	475	189	194.7		222.2	227.2	214.8	217.1	217.1	217.5
32S 33W 04BAA 01		2869.		167		188.4	195.4		191.7	193.0	193.2	194.0
32S 33W 32DBD 01		2830.									151.7	150.8
32S 34W 10DAA 01	QU,TO	2925.	470	205	203.5	219.3	219.3	222.8	223.1	220.9	220.6	220.5
32S 34W 17DCC 01		2953.	493	213	222.8	250.4	253.8	258.7	256.2	251.2	251.6	253.8
32S 34W 32BBB 01	QU,TO	2921.	491	159	154.3	184.9	187.1	189.4	175.5	174.8	174.9	175.4
33S 31W 28DDB 01		2720.	550	190						186.8	188.5	188.7
33S 32W 28CDD 02	QU,TO	2630.	399	60		57.6	58.0	58.4	58.7	58.7	58.7	58.8
33S 33W 12AAD 01	QU,TC	2626.	316	5	5.7		9.2	8.3	9.4	9.1	9.4	9.4
33S 33W 20BCC 01		2866.		176		211.2	213.5	217.5	195.4	195.9	194.3	197.8
33S 33W 25DCC 01		2810.		197		212.2	210.5	213.0	198.3	198.6	198.3	203.0
33S 34W 17DCC 01		2918.		123				114.0	112.2		114.4	118.9
34S 31W 30BBB 01		2731.	671	208		210.3	210.5	210.6	211.0	211.1	210.2	214.6
34S 32W 29BAA 01		2765.	525	175						175.7	168.8	171.7
34S 32W 35ADA 01	QU,TC	2734.		189			190.8	191.4	191.1	191.9	190.3	193.2
34S 33W 04BCD 01		2855.		165		201.3	206.2	210.5	192.8	193.2		194.8
34S 33W 07CCB 01		2901.	575	140	126.7	131.6	132.9	133.9	135.1	136.0	137.1	138.9
34S 34W 16DAA 01	QU,TO	2943.	673	114	94.5	127.9	133.3	137.9	131.0	125.7	125.6	
34S 34W 26BCA 01		2908.		98						106.8		109.9
35S 31W 10AAC 01		2690.								194.0	193.5	194.0
35S 31W 18BBA 01	QU,TO	2707.	497	187	181.9	181.4		187.7	177.6	180.0	179.7	181.4
35S 32W 06CBB 01		2780.	540	150						159.2	159.9	160.3
35S 33W 16BCA 01	QU,TC	2838.	658	126	103.7	116.7	120.0	123.2	121.3		128.9	129.7
35S 34W 03CBC 01		2920.	660	95			97.8	100.4	104.1	104.3	101.9	101.5
35S 34W 10BBB 01	QU,TC	2912.	647	90	80.3	74.5		78.0	75.5	77.4	78.5	78.7

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
31S 31W 08BCC 01	QU,TO	219.8	-56	-50.4	-1.0	-1.2	-2.4	355	299	-16
31S 31W 13BBC 01		160.8	-9		-1.8	-.2		363	354	-2
31S 31W 32DCC 01		163.2	-10		-.8	-.2		303	293	-3
31S 32W 03DAD 01	QU,TO	218.5	-61	-44.3	-.8	-1.3	-2.1	338	278	-18
31S 32W 31BBB 01		217.0	-43		-3.9	-.9		280	237	-15
31S 33W 06CBD 01	QU,TO	247.5	-38	-37.5	-2.5	-.8	-1.8	288	251	-13
31S 33W 20DBB 01	QU,TO	216.5	-38	-37.4	-.8	-.8	-1.8	358	321	-10
31S 34W 18BBB 01	QU,TO	220.1	-34	-33.7	-1.1	-.7	-1.6	235	201	-14
32S 31W 02BBB 01		192.5	-44		-.7	-.9		348	305	-12
32S 31W 08BBB 01	QU,TO	204.5	-30	-39.0	-1.2	-.6	-1.9	280	251	-10
32S 31W 26CAA 01	QU,TO	220.2	-40	-37.3	.3	-.9	-1.8	273	233	-15
32S 32W 14BBB 01	QU,TO	222.5	-43	-29.7	-.5	-.9	-1.4	255	213	-16
32S 32W 19BAB 01	QU,TO	217.5	-29	-22.7	-.4	-.6	-1.1	286	258	-10
32S 33W 04BAA 01		194.0	-27		-.8	-.6				
32S 33W 32DBO 01		150.8			.9					
32S 34W 10DAA 01	QU,TO	220.5	-16	-17.0	.1	-.3	-.8	265	250	-6
32S 34W 17DCC 01		253.8	-41	-31.0	-2.2	-.9	-1.5	280	239	-15
32S 34W 32BBB 01	QU,TO	175.4	-16	-21.1	-.5	-.3	-1.0	332	316	-5
33S 31W 28DDB 01		188.7	1		-.2			360	361	
33S 32W 28CDD 02	QU,TO	58.8	1		-.1			339	340	
33S 33W 12AAD 01	QU,TO	9.4	-4	-3.7	0.0	-.1	-.2	311	307	-1
33S 33W 20BCC 01		197.8	-22		-3.5	-.5				
33S 33W 25DCC 01		203.0		-6.0	-4.7					
33S 34W 17DCC 01		118.9	4		-4.5	.1				
34S 31W 30BBB 01		214.6	-7		-4.4	-.1		463	456	-2
34S 32W 29BAA 01		171.7	3		-2.9	.1		350	353	1
34S 32W 35ADA 01	QU,TO	193.2	-4		-2.9	-.1				
34S 33W 04BCD 01		194.8	-30			-.6				
34S 33W 07CCB 01		138.9	1	-12.1	-1.8		-.6	435	436	
34S 34W 16DAA 01	QU,TO									
34S 34W 26BCA 01		109.9	-12			-.3				
35S 31W 10AAC 01		194.0			-.5					
35S 31W 18BBA 01	QU,TO	181.4	6	.6	-1.7	.1		310	316	2
35S 32W 06CBB 01		160.3	-10		-.4	-.2		390	380	-3
35S 33W 16BCA 01	QU,TO	129.7	-4	-26.0	-.8	-.1	-1.2	532	528	-1
35S 34W 03CBC 01		101.5	-7		.4	-.1		565	559	-1
35S 34W 10BBB 01	QU,TO	78.7	11	1.7	-.2	.2	.1	557	568	2



WATER–LEVEL CHANGE IN SEWARD COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
06S 26W 26CBB 01		2636.								166.7	166.4	167.6
06S 27W 05CBB 01		2684.								112.8	112.1	113.8
06S 27W 08DCA 01	QA,TO	2588.	108	21	14.6	20.8	20.2	19.8		20.8	21.1	22.2
06S 27W 19DAB 01	QA,TC	2610.	60	30	26.6	30.8	32.4	36.6		38.4	37.2	
06S 27W 27BCC 01	TO	2716.	320	162	154.4	159.4	164.8		160.1	162.5	162.9	
06S 29W 10DBC 01	TO	2823.	205	116	118.6	131.1		131.4		130.9	129.6	131.2
06S 29W 24ABB 01	TO	2781.	205	91	96.2	102.3	105.5	103.6	103.1	104.3	104.8	107.4
06S 29W 33CDA 01	TO	2828.	207	94	93.3	104.5	105.6	106.4		107.6	117.2	121.6
06S 30W 13BAA 01	TO	2875.	216	115		126.7	127.4	127.8	129.8	131.1	132.6	128.0
06S 30W 14CCD 01	TO	2884.	203	95	102.8	109.2	108.9	110.1	110.0	111.5	110.8	110.8
07S 26W 06AAB 01	TO	2634.	204	125	125.9	129.8	131.1			131.2	131.5	132.1
07S 26W 12BAC 01	TO	2559.	170	94	91.9	98.4	99.9	100.1	101.4	105.0	99.2	101.7
07S 26W 19BBC 01	TO	2625.	201	115		123.3	124.5	124.6	124.8	124.7	124.0	125.4
07S 26W 28CAB 01	TO	2634.	243	142	148.4	154.5	154.2	154.4		157.5	161.7	162.1
07S 27W 22DAC 01		2644.								113.9	118.9	122.3
07S 28W 08BDC 01	TO	2808.	282	140		160.6		163.7		165.4	166.1	
07S 28W 21ABB 01	TO	2774.	235	129	131.0	156.0	159.4	160.2	158.8	160.2	173.3	177.5
07S 28W 36ABA 01	TO	2725.	233	123	127.5	139.3		149.0	141.6	149.3	151.0	147.1
07S 29W 05BBB 01		2841.								103.3	104.2	104.9
07S 29W 27CCC 01	TO	2869.	265	131		177.1	179.7	175.1	179.7	177.9	195.7	206.8
07S 29W 30ABA 01	TO	2886.	255	113	121.8	151.9	153.1	154.1	158.3	155.5	160.7	160.4
07S 30W 08CBB 01		2919.								104.6	99.2	104.5
08S 26W 14DAA 01	QA	2398.	66	13	19.5	16.4	17.0	16.9	19.0	18.8	13.9	19.2
08S 27W 11DCD 01	QA	2504.	60	13	8.5	10.4	10.4	10.4	11.1	10.3	10.3	10.6
08S 27W 35CBB 01										127.7	128.1	128.8
08S 28W 09ABC 01	TO	2766.	233	119	117.7	136.0	139.8	139.4	139.2		143.3	144.2
08S 28W 11DAA 01		2692.								97.9	98.0	99.7
08S 29W 01DCB 01	TO	2823.	240	125	122.6	145.8	143.5	144.3	146.2		154.5	157.7
08S 30W 11CBC 01	TO	2941.	277	123	133.5	177.0	180.3	182.1	179.4	181.2	182.8	184.9
08S 30W 13DAA 01	TO	2891.	257	103	109.7	138.9	142.0	141.5	144.1	145.3	144.7	147.4
08S 30W 30ABC 01	TO	2962.	234	107	105.8	127.8	128.8	129.1		129.9	131.6	132.0
09S 26W 22BBB 01		2669.								140.3	141.5	142.6
09S 27W 12CCC 01	TO	2678.	198	104	106.5	110.3	109.2	111.0		109.2	113.0	115.3
09S 27W 19DDD 01	TO	2750.	205	124	123.6	128.5	128.8	128.8	133.2	130.3	131.8	133.2
09S 27W 27DAA 01		2705.								110.3	111.6	113.3
09S 28W 04BCC 01	QA,TC	2677.	98	18	25.7	27.0	27.3	27.2		27.0	27.1	27.5
09S 29W 03AAA 01		2819.								104.2	103.4	104.6
09S 29W 17BAB 01	TO	2854.	196	84	84.2	99.4	102.9	102.6	104.6	106.5	106.5	106.3
09S 29W 26BAA 01	TO	2863.	210	123	132.0	136.4	134.6		141.9	138.5	141.8	
09S 30W 03AAB 02	TO	2933.	217	118	119.2	143.0	142.0	141.7	143.5	145.9	144.7	148.3

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

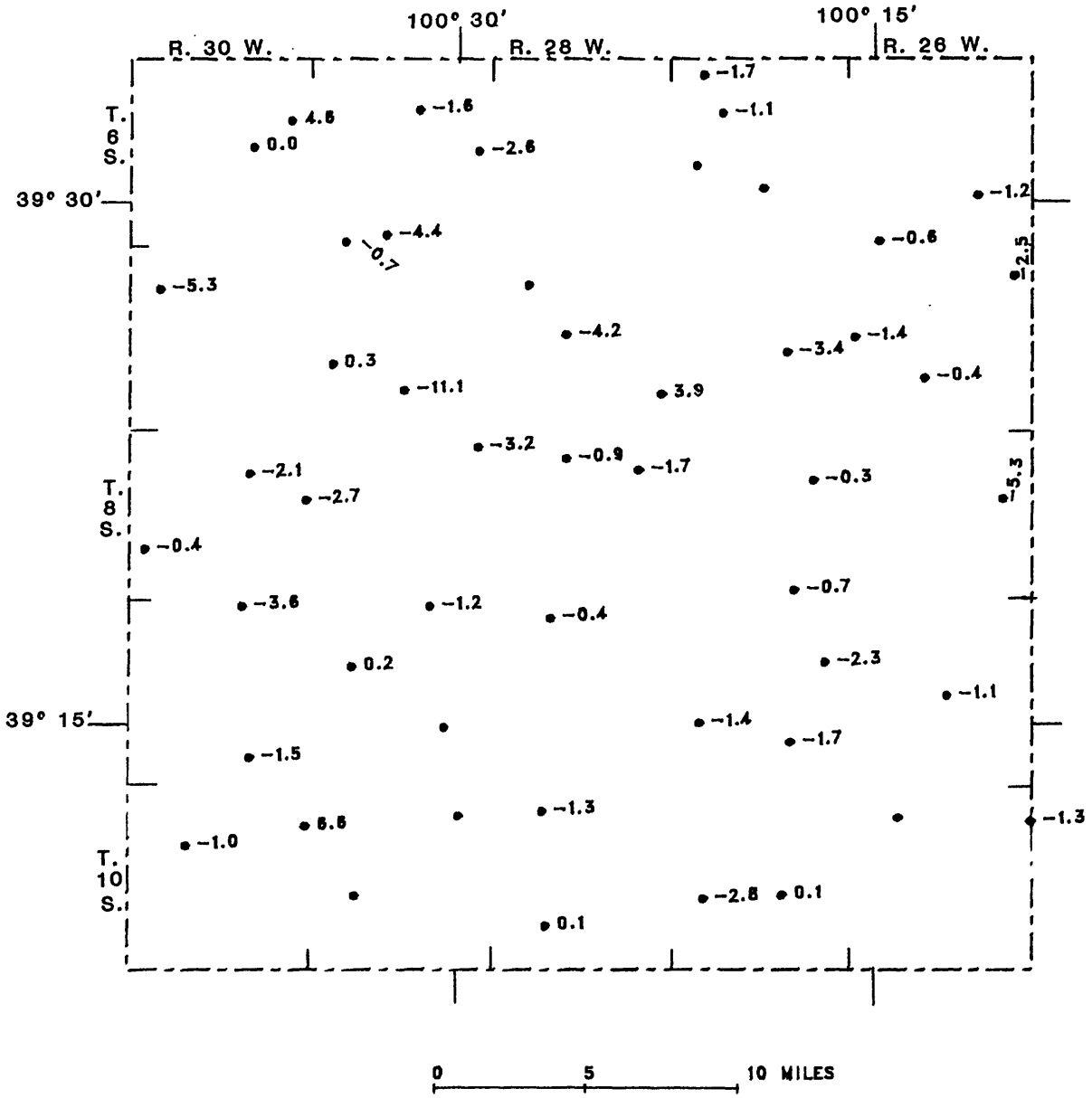
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
09S 30W 35BBB 01	TO	2943.	215	120	129.3		154.0	146.4	147.5	146.3	147.0	148.5
10S 26W 08BAA 01		2590.									24.0	
10S 26W 12AAD 01		2534.								27.9	27.8	29.1
10S 27W 20CBC 01	QA	2605.	50	12	13.9			18.4			18.2	21.0
10S 27W 22DBA 01	QA	2568.	65	10	18.5	19.8	19.2	19.1	23.1	20.0	20.7	20.6
10S 28W 05DDB 01	TO	2789.	173	99	95.2		112.1	106.2	108.3	108.5	106.7	108.0
10S 28W 29DAA 01	QA,TC	2691.	62	22	25.4	28.9	31.6	25.8	30.2	27.0	27.1	27.0
10S 29W 02DDD 01		2803.								90.7	93.4	
10S 29W 20CAA 01										28.8	30.7	
10S 30W 08DDD 01	TO	2930.	186	96	93.0	104.9	104.2	102.7	100.8	100.0	97.9	98.9
10S 30W 12ADA 01	TO	2874.	187	89	87.7		100.6	96.3	99.8	101.5	106.9	100.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
06S 26W 26CBB 01		167.6			-1.2					
06S 27W 05CBB 01		113.8			-1.7					
06S 27W 08DCA 01	QA,TO	22.2	-1	-7.6	-1.1		-.4	87	86	-1
06S 27W 19DAB 01	QA,TO									
06S 27W 27BCC 01	TO									
06S 29W 10DBC 01	TO	131.2	-15	-12.5	-1.6	-.4	-.6	89	74	-17
06S 29W 24ABB 01	TO	107.4	-16	-11.2	-2.6	-.4	-.5	114	98	-14
06S 29W 33CDA 01	TO	121.6	-28	-28.3	-4.4	-.8	-1.3	113	85	-25
06S 30W 13BAA 01	TO	128.0	-13		4.6	-.4		101	88	-13
06S 30W 14CCD 01	TO	110.8	-16	-7.9	0.0	-.4	-.4	108	92	-15
07S 26W 06AAB 01	TO	132.1	-7	-6.2	-.6	-.2	-.3	79	72	-9
07S 26W 12BAC 01	TO	101.7	-8	-9.7	-2.5	-.2	-.5	76	68	-11
07S 26W 19BBC 01	TO	125.4	-10		-1.4	-.3		86	76	-12
07S 26W 28CAB 01	TO	162.1	-20	-13.6	-.4	-.5	-.6	101	81	-20
07S 27W 22DAC 01		122.3			-3.4					
07S 28W 08BDC 01	TO									
07S 28W 21ABB 01	TO	177.5	-49	-46.5	-4.2	-1.3	-2.2	106	58	-45
07S 28W 36ABA 01	TO	147.1	-24	-19.6	3.9	-.6	-.9	110	86	-22
07S 29W 05BBB 01		104.9			-.7					
07S 29W 27CCC 01	TO	206.8	-76		-11.1	-2.1		134	58	-57
07S 29W 30ABA 01	TO	160.4	-47	-38.6	.3	-1.3	-1.8	142	95	-33
07S 30W 08CBB 01		104.5			-5.3					
08S 26W 14DAA 01	QA	19.2	-6	.3	-5.3	-.2		53	47	-11
08S 27W 11DCD 01	QA	10.6	2	-2.0	-.3	.1	-.1	47	49	4
08S 27W 35CBB 01		128.8			-.7					
08S 28W 09ABC 01	TO	144.2	-25	-26.5	-.9	-.7	-1.3	114	89	-22
08S 28W 11DAA 01		99.7			-1.7					
08S 29W 01DCB 01	TO	157.7	-33	-35.1	-3.2	-.9	-1.7	115	82	-29
08S 30W 11CBC 01	TO	184.9	-62	-51.4	-2.1	-1.7	-2.4	154	92	-40
08S 30W 13DAA 01	TO	147.4	-44	-37.6	-2.7	-1.2	-1.8	154	110	-29
08S 30W 30ABC 01	TO	132.0	-25	-26.1	-.4	-.7	-1.2	127	102	-20
09S 26W 22BBB 01		142.6			-1.1					
09S 27W 12CCC 01	TO	115.3	-11	-8.8	-2.3	-.3	-.4	94	83	-12
09S 27W 19DDD 01	TO	133.2	-9	-9.6	-1.4	-.2	-.5	81	72	-11
09S 27W 27DAA 01		113.3			-1.7					
09S 28W 04BCC 01	QA,TO	27.5	-10	-1.8	-.4	-.3	-.1	80	71	-11
09S 29W 03AAA 01		104.6			-1.2					
09S 29W 17BAB 01	TO	106.3	-22	-22.1	.2	-.6	-1.1	112	90	-20
09S 29W 26BAA 01	TO									
09S 30W 03AAB 02	TO	148.3	-30	-29.0	-3.6	-.8	-1.4	99	69	-30

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
09S 30W 35BBB 01	TO	148.5	-29	-19.2	-1.5	-.8	-.9	95	67	-29
10S 26W 08BAA 01										
10S 26W 12AAD 01		29.1			-1.3					
10S 27W 20C3C 01	QA	21.0	-9	-7.1	-2.8	-.2	-.3	38	29	-24
10S 27W 22DBA 01	QA	20.6	-11	-2.0	.1	-.3	-.1	55	44	-20
10S 28W 05DDB 01	TO	108.0	-9	-12.8	-1.3	-.2	-.6	74	65	-12
10S 28W 29DAA 01	QA,TO	27.0	-5	-1.6	.1	-.1	-.1	40	35	-13
10S 29W 02DDD 01										
10S 29W 20CAA 01										
10S 30W 08DDD 01	TO	98.9	-3	-5.9	-1.0	-.1	-.3	90	87	-3
10S 30W 12ADA 01	TO	100.3	-11	-12.6	6.6	-.3	-.6	98	87	-11



WATER–LEVEL CHANGE IN SHERIDAN COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
06S 37W 07BBA 01	QA	3304.	134	5	6.1	9.5	9.2			8.6	7.3	7.4
06S 37W 16CDD 01	TO	3460.	264	157	163.8	172.9	172.5		180.8	171.5	171.5	171.9
06S 37W 19ABB 01	TO	3476.	309	150	155.4	160.9	161.2	159.3	160.8	159.3	160.0	160.7
06S 38W 09ABD 01	TO	3510.	318	147	151.3	164.3	163.6		162.3	162.2		163.0
06S 39W 09DDD 01	TO	3585.	330	145	142.7	147.5	147.9	148.3	148.6	148.0	149.2	149.5
06S 40W 10AAC 01	TO	3641.	341	151	151.2	160.4	161.3	161.4		161.1	161.5	162.9
06S 40W 13CBC 01		3624.								147.7	147.0	148.2
06S 40W 30DCC 01	TO	3718.	326	159	153.6	164.8	167.6	164.6	167.0	167.6	168.3	168.9
06S 41W 01ABB 01	TO	3675.	296	150	156.6	157.9	158.9	159.2		159.6	165.9	159.8
06S 41W 19DBD 01	TO	3792.	325	162	169.5	180.3	181.1	181.7	182.3	182.6	183.8	185.4
06S 41W 27DBD 01	TO	3741.	325	141	142.1	162.1	163.7	162.5	163.0	164.1	164.5	164.4
06S 42W 02AAA 01	TO	3777.	277	179	181.7	197.6	196.7	195.4	196.3	196.9	198.1	199.8
06S 42W 08CBB 01	TO	3841.	304	183	201.3	208.9	215.2	209.8	212.2		210.8	211.2
06S 42W 22DCC 01	TO	3837.	315	177	183.1	192.8	193.9	193.9	193.8	194.1	194.7	195.4
06S 42W 30ADA 01	TO	3871.	309	176	183.6	199.7	201.9	201.5	201.9	202.2	202.2	204.9
07S 37W 04BBC 01	TO	3455.	270	122		137.8	137.8	137.1	136.9	139.5	136.7	137.6
07S 37W 05CCB 01	TO	3472.	294	124	129.9	138.2	138.0	137.3	137.5	137.8	138.0	144.4
07S 38W 28DAA 01		3545.								145.4	147.4	147.8
07S 39W 01DCD 01		3563.								133.8	134.2	133.7
07S 39W 09BBB 01	TO	3589.	295	106	104.8	115.0	116.3	114.6	116.1	116.7	116.5	117.3
07S 39W 24BAA 01	TO	3587.	300	137	133.9	146.4	153.1	146.9				148.7
07S 40W 06ADB 01	TO	3722.	343	152	149.4	166.1	167.4	166.6	167.2	167.3	168.6	168.4
07S 40W 29BBA 01	TO	3708.	288	121	121.5	138.3	139.2			139.9	140.9	141.6
07S 40W 35BBB 01	TO	3650.	255	102	103.0	125.7	128.4	126.3	125.6	124.8	125.8	127.4
07S 40W 36BAB 01	TO	3643.	321	105	109.9	132.5	135.1	132.6	133.6	133.7	133.3	134.9
07S 41W 07BCB 01	TO	3840.	300	180	174.4	194.7	195.3		195.4		198.1	199.5
07S 41W 28DBB 01	TO	3774.	280	111	111.4	126.3	126.9	126.4	126.6	127.3	128.2	129.3
07S 42W 07DAA 01	TO	3903.	320	163	164.4	199.6	197.0	192.8			195.5	191.9
07S 42W 17CCC 01	TO	3864.	263	119	117.9	137.1	136.1	139.3	140.2		141.2	141.9
07S 42W 27AAB 01	TO	3862.	321	142	140.6	162.7	164.1	164.5	165.1	164.5	165.3	167.2
08S 37W 03ADB 01	TO	3476.	273	126	143.5	157.6	154.5	153.7		155.3	156.1	159.9
08S 37W 21CCC 01	TO	3496.	230	120	121.1	140.7	140.9	139.1	138.7	140.4	140.1	141.0
08S 37W 32ABB 01	TO	3468.	216	83	80.0	97.1	97.0	95.9	95.7		94.9	96.1
08S 38W 17CDD 01	TO	3603.	293	143	142.0	162.2	161.8	161.0	162.2	161.2	161.2	160.8
08S 38W 24AAB 01	TO	3513.	260	110	111.0	123.2	120.2		117.9	119.8	120.7	124.3
08S 39W 15CCC 01	TO	3642.	272	127	135.0		163.8	163.6	163.5	163.9	163.5	163.8
08S 40W 12DBA 01	TO	3670.	290	120	133.0	169.2	168.1	166.0	166.0	165.6	166.1	165.8
08S 40W 17CDB 01	TO	3727.	277	102	108.0	131.7	132.5	132.5	132.7	135.1	133.1	133.9
08S 40W 20CCC 01	TO	3716.	277	80	80.0	114.6	115.4	113.7	113.6	114.3	111.9	112.9
08S 40W 25AAC 01	TO	3701.	290	133	158.0	182.5	183.4	182.6	182.1	182.3	181.5	182.1

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

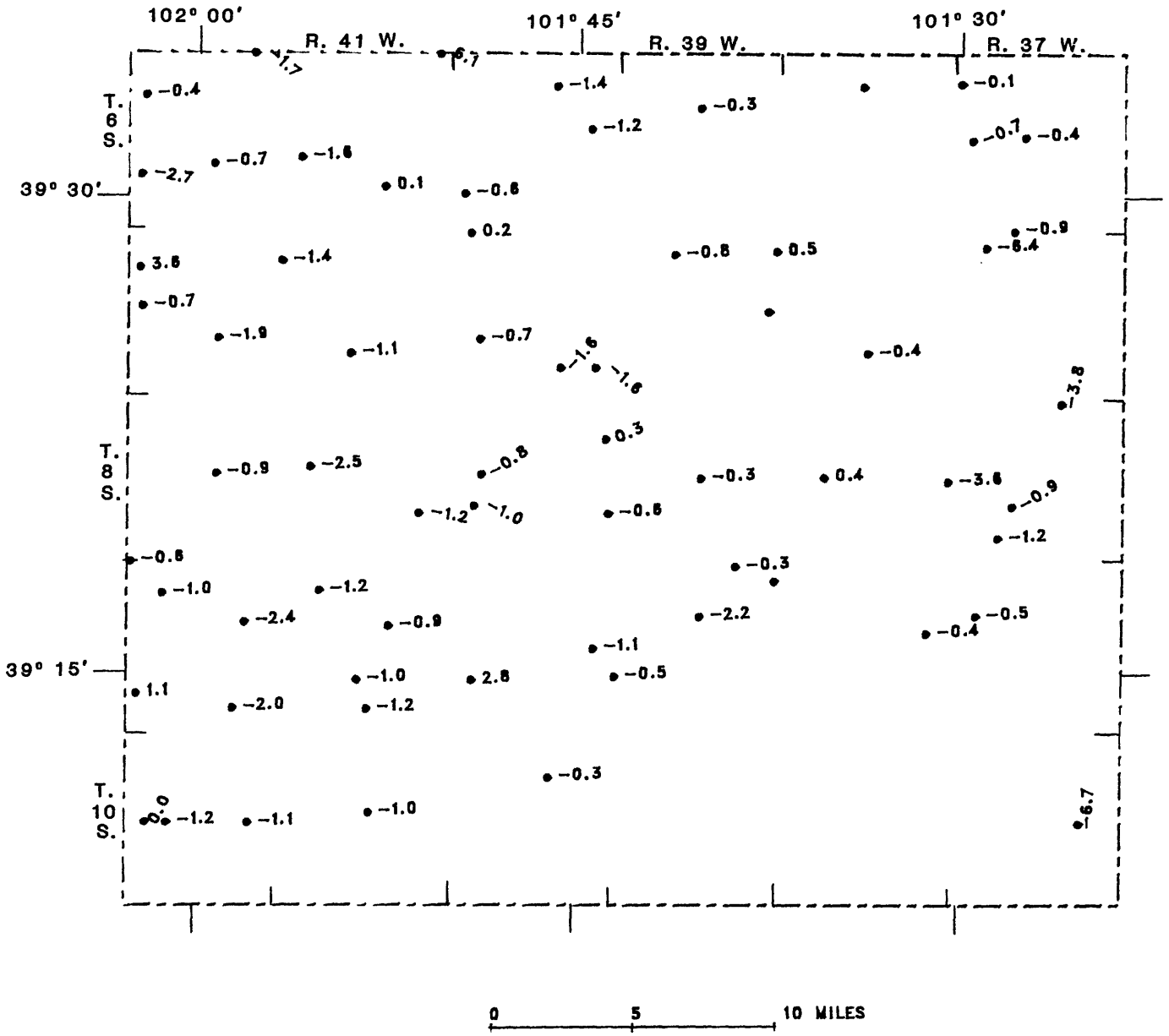
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
08S 41W 17CBA 01	TO	3843.	300	129	129.0	143.1	145.1	145.7	147.4	153.6	146.3	148.8
08S 41W 25BBC 01	TO	3754.	264	94	96.0	115.1	116.7	117.2	116.1	118.6	119.3	120.5
08S 42W 15DDB 01	TO	3859.	274	98	99.0	122.1	125.0	125.8	124.0	125.5	125.9	126.8
08S 42W 31DCD 01	TO	3872.	207	50	58.0	76.7	77.7	79.0	79.1	79.9	80.6	81.2
09S 37W 07DDB 01		3496.								92.8	92.8	93.3
09S 38W 13BCC 01	TO	3510.								80.4	79.0	79.4
09S 39W 01DBA 01		3619.								163.4	156.7	
09S 39W 02BAB 01	TO	3646.	246	133		168.2	170.6	170.0	169.2	170.1	168.4	168.7
09S 39W 10CCB 01		3661.								144.4	144.4	146.6
09S 39W 19CCC 01	TO	3695.	245	105			144.9	131.4	134.5	135.8	134.0	134.5
09S 40W 13CDC 01	TO	3722.	260	123	125.0	161.0	157.5	157.7	158.6	159.5	158.7	159.8
09S 40W 29BBB 01	TO	3782.	246	122	119.0	156.4	158.5	156.6	158.0	159.4	158.8	156.0
09S 41W 05DCC 01	TO	3860.	265	128	136.0	166.1	166.8	166.7	167.1	177.0	167.7	168.9
09S 41W 14BBC 01		3835.		129		172.0	173.7	174.2	175.9	176.2	175.2	176.1
09S 41W 28AAA 01	TO	3854.	290	124	134.0	182.7	175.7			181.4	172.8	173.8
09S 41W 34BAB 01	TO	3841.	290	111	114.0	152.5	155.3	147.4	150.1	148.7	148.3	149.5
09S 42W 08AAA 01	TO	3943.	271	120	131.0	155.4	155.9	156.5	156.8	157.3	156.6	157.6
09S 42W 14AAA 01	TO	3901.	291	116	131.0	166.5	168.5	167.5			164.4	166.8
09S 42W 29CBB 01											139.6	138.5
09S 42W 35ABB 01	TO	3916.	268	102	103.0	139.5	142.5	142.5	143.0	143.0	141.9	143.9
10S 37W 23ABB 01	TO	3421.	289	171	174.0	192.8	191.8	196.4	191.7	189.6	193.7	200.4
10S 40W 10ADC 01	QA,TO	3624.	68	12	16.0	16.6	17.1	16.5	17.8	17.9	18.1	18.4
10S 41W 15CAD 01	QA,TC	3762.	117	12	12.0	20.9	21.1	22.1		23.4	24.4	25.4
10S 42W 20ABB 01		3968.								117.2	113.5	113.5
10S 42W 21BBB 01	TO	3963.	223	73	86.0	106.3	107.6	108.3	109.1	109.0	109.6	110.8
10S 42W 24BAB 01	TO	3903.	204	73	84.0	98.4	99.7	98.2	100.2	98.2	100.9	102.0

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
06S 37W 07BBA 01	QA	7.4	-2	-1.2	-.1	-.1	-.1	129	127	-2
06S 37W 16CDD 01	TO	171.9	-15	-8.1	-.4	-.4	-.4	107	92	-14
06S 37W 19ABB 01	TO	160.7	-11	-5.3	-.7	-.3	-.3	159	148	-7
06S 38W 09ABD 01	TO	163.0	-16	-11.7		-.4	-.6	171	155	-9
06S 39W 09DDD 01	TO	149.5	-5	-6.8	-.3	-.1	-.3	185	181	-2
06S 40W 10AAC 01	TO	162.9	-12	-11.7	-1.4	-.3	-.6	190	178	-6
06S 40W 13CBC 01		148.2			-1.2					
06S 40W 30DCC 01	TO	168.9	-10	-15.3	-.6	-.3	-.7	167	157	-6
06S 41W 01ABB 01	TO	159.8	-10	-3.2	6.1	-.3	-.2	146	136	-7
06S 41W 19DBD 01	TO	185.4	-23	-15.8	-1.6	-.6	-.8	163	140	-14
06S 41W 27DBD 01	TO	164.4	-23	-22.3	.1	-.6	-1.1	184	161	-13
06S 42W 02AAA 01	TO	199.8	-21	-18.1	-1.7	-.6	-.9	98	77	-21
06S 42W 08CBB 01	TO	211.2	-28	-9.9	-.4	-.8	-.5	121	93	-23
06S 42W 22DCC 01	TO	195.4	-18	-12.2	-.7	-.5	-.6	138	120	-13
06S 42W 30ADA 01	TO	204.9	-29	-21.3	-2.7	-.8	-1.0	133	104	-22
07S 37W 04BBC 01	TO	137.6	-16		-.9	-.4		148	132	-11
07S 37W 05CCB 01	TO	144.4	-20	-14.5	-6.4	-.5	-.7	170	150	-12
07S 38W 23DAA 01		147.8			-.4					
07S 39W 01DCD 01		133.7			.5					
07S 39W 09BBB 01	TO	117.3	-11	-12.5	-.8	-.3	-.6	189	178	-6
07S 39W 24BAA 01	TO	148.7	-12	-14.8		-.3	-.7	163	151	-7
07S 40W 06ADB 01	TO	168.4	-16	-19.0	.2	-.4	-.9	191	175	-8
07S 40W 29BBA 01	TO	141.6	-21	-20.1	-.7	-.6	-1.0	167	146	-13
07S 40W 35BBB 01	TO	127.4	-25	-24.4	-1.6	-.7	-1.2	153	128	-16
07S 40W 36BAB 01	TO	134.9	-30	-25.0	-1.6	-.8	-1.2	216	186	-14
07S 41W 07BCB 01	TO	199.5	-20	-25.0	-1.4	-.5	-1.2	120	101	-16
07S 41W 28DBB 01	TO	129.3	-18	-17.8	-1.1	-.5	-.8	169	151	-11
07S 42W 07DAA 01	TO	191.9	-29	-27.5	3.6	-.8	-1.3	157	128	-18
07S 42W 17CCC 01	TO	141.9	-23	-23.9	-.7	-.6	-1.1	144	121	-16
07S 42W 27AAB 01	TO	167.2	-25	-26.6	-1.9	-.7	-1.3	179	154	-14
08S 37W 03ADB 01	TO	159.9	-34	-16.3	-3.8	-.9	-.8	147	113	-23
08S 37W 21CCC 01	TO	141.0	-21	-19.8	-.9	-.6	-.9	110	89	-19
08S 37W 32ABB 01	TO	96.1	-13	-16.1	-1.2	-.4	-.8	133	120	-10
08S 38W 17CDD 01	TO	160.8	-18	-18.8	.4	-.5	-.9	150	132	-12
08S 38W 24AAB 01	TO	124.3	-14	-13.3	-3.6	-.4	-.6	150	136	-9
08S 39W 15CCC 01	TO	163.8	-37	-28.8	-.3	-1.0	-1.4	145	108	-26
08S 40W 12DBA 01	TO	165.8	-46	-32.8	.3	-1.2	-1.6	170	124	-27
08S 40W 17CDB 01	TO	133.9	-32	-25.9	-.8	-.9	-1.2	175	143	-18
08S 40W 20CCC 01	TO	112.9	-33	-32.9	-1.0	-.9	-1.6	197	164	-17
08S 40W 25AAC 01	TO	182.1	-49	-24.1	-.6	-1.3	-1.1	157	108	-31

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
08S 41W 17CBA 01	TO	148.8	-20	-19.8	-2.5	-.5	-.9	171	151	-12
08S 41W 25BBC 01	TO	120.5	-27	-24.5	-1.2	-.7	-1.2	170	144	-15
08S 42W 15DDB 01	TO	126.8	-29	-27.8	-.9	-.8	-1.3	176	147	-16
08S 42W 31DCD 01	TO	81.2	-31	-23.2	-.6	-.8	-1.1	157	126	-20
09S 37W 07DDB 01		93.3			-.5					
09S 38W 13BCC 01	TO	79.4			-.4					
09S 39W 01DBA 01										
09S 39W 02BAB 01	TO	168.7	-36		-.3	-1.0		113	77	-32
09S 39W 10CCB 01		146.6			-2.2					
09S 39W 19CCC 01	TO	134.5	-30		-.5	-.8		140	111	-21
09S 40W 13CDC 01	TO	159.8	-37	-34.8	-1.1	-1.0	-1.7	137	100	-27
09S 40W 29BBB 01	TO	156.0	-34	-37.0	2.8	-.9	-1.8	124	90	-27
09S 41W 05DCC 01	TO	168.9	-41	-32.9	-1.2	-1.1	-1.6	137	96	-30
09S 41W 14BBC 01		176.1	-47		-.9	-1.3				
09S 41W 28AAA 01	TO	173.8	-50	-39.8	-1.0	-1.4	-1.9	166	116	-30
09S 41W 34BAB 01	TO	149.5	-39	-35.5	-1.2	-1.1	-1.7	179	141	-21
09S 42W 08AAA 01	TO	157.6	-38	-26.6	-1.0	-1.0	-1.3	151	113	-25
09S 42W 14AAA 01	TO	166.8	-51	-35.8	-2.4	-1.4	-1.7	175	124	-29
09S 42W 29CBB 01		138.5			1.1					
09S 42W 35ABB 01	TO	143.9	-42	-40.9	-2.0	-1.1	-1.9	166	124	-25
10S 37W 23ABB 01	TO	200.4	-29	-26.4	-6.7	-.8	-1.3	118	89	-25
10S 40W 10ADC 01	QA,TO	18.4	-6	-2.4	-.3	-.2	-.1	56	50	-11
10S 41W 15CAD 01	QA,TO	25.4	-13	-13.4	-1.0	-.4	-.6	105	92	-12
10S 42W 20ABB 01		113.5			0.0					
10S 42W 21BBB 01	TO	110.8	-38	-24.8	-1.2	-1.0	-1.2	150	112	-25
10S 42W 24BAB 01	TO	102.0	-29	-18.0	-1.1	-.8	-.9	131	102	-22



WATER–LEVEL CHANGE IN SHERMAN COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
21S 11W 07BBB 01		1808.	193	20						22.9		17.9
21S 12W 10CDD 01	QU	1845.	200	24	4.9	24.8	27.1	25.5	27.3	29.0	25.1	
21S 13W 27DDD 02	QU	1877.	152	11	.6	9.6	9.7	10.2	10.8	11.1	9.0	10.6
21S 14W 22AAC 01	QU	1926.	196	16	4.8	19.0	18.9	20.1	21.0	22.7	22.3	22.9
21S 14W 32BAC 01	QU	1949.	219	22	16.2	25.8	26.4	27.6	28.5	29.9	30.1	30.7
22S 11W 07BBB 01	QU	1785.	54	10	3.3	5.4	4.9	4.7	4.8	4.9	4.5	4.6
22S 12W 05BBD 01	QU	1870.	220	21	8.9	21.3	20.3	20.4	20.2	21.1	18.1	19.4
22S 12W 30BBD 01	QU	1872.	162	13	7.0	16.5	16.2	17.0	17.4	17.7	15.7	16.2
22S 12W 36BBB 02	QU	1827.	146		.7	5.4	3.8	4.4	5.0	4.6	3.0	3.8
22S 13W 05CBC 01	QU	1905.	165	6	3.1	16.2	15.7	17.0	17.7	18.9	17.1	17.9
22S 13W 12CAC 01	QU	1885.	180	20	8.6	20.1	20.2	21.0	21.1	22.2	19.5	20.4
22S 13W 29DAD 01	QU	1902.	204	17	5.2	16.8	16.4	17.3	17.8	19.2	17.6	17.6
22S 14W 14CCA 01	QU	1930.	200	12	.8	19.2	19.3	20.9	21.8	23.9	21.3	22.0
22S 14W 35DDB 01	QU	1930.	130	20	11.1	26.3	27.2	27.9	28.4	29.8	27.9	27.9
23S 11W 02BBB 01	QU	1789.	125		1.0	3.7	1.5	1.9	3.1	2.9	1.3	1.2
23S 11W 22BCC 01	QU	1802.	172	5	17.4	23.1	21.8	22.2	22.8	23.0	21.4	21.8
23S 12W 07DBD 01	QU	1859.	174	1	.5	9.2	8.4	8.5	8.8	8.9	7.4	8.1
23S 12W 22BCC 01	QU	1853.	163	4	5.4	14.9	13.8	15.0	15.2	14.9	12.1	13.2
23S 12W 36BBC 01	QU	1849.	154	8	11.7	17.9	17.0	17.9	18.3	17.9	14.6	14.9
23S 13W 08CCB 01	QU	1895.	120	8	4.4	11.8	11.5	12.5	13.0	13.6	12.2	12.4
23S 13W 30CBB 01	QU	1906.	86	11	7.9	12.3	12.2	12.8	13.2	13.4	12.5	12.3
23S 13W 35CCA 01	QU	1897.	150	19	7.3	18.7	18.6	19.9	20.2	20.6	19.3	18.7
23S 14W 15ADD 01	QU	1927.	76	7	3.3	9.0	8.8	10.2	10.5	10.6	10.3	10.6
23S 14W 30BBB 01	QU	1988.	168	24	34.4	38.3	38.8	40.4		42.1	42.0	41.5
24S 11W 14CAB 01	QU	1813.	156	24	30.0	30.8	31.7	32.9	33.5	34.2	33.8	32.8
24S 11W 17DDB 01	QU	1833.	133	23	22.8	23.0	23.1	24.1	24.3	24.5	23.6	22.3
24S 12W 17CAB 01	QU	1893.	144	22	16.8	27.5	26.8	28.5	28.4	27.8	24.6	24.7
24S 12W 34ABC 01	QU	1880.	150	29	20.0	22.7	22.9	23.9	23.7	23.6	22.0	19.3
24S 13W 16ACA 01	QU	1915.	137	18	8.6	20.1	20.5	21.6	21.6	21.9	20.6	20.2
24S 13W 20CDD 01		1932.										22.1
24S 13W 36DDD 01		1907.	155	21		21.9	21.7	23.2	22.7	22.1	19.2	18.8
24S 14W 17AAC 01	QU	1982.	132	27	21.7	28.9	29.4	30.6	30.5	33.2	30.8	30.9
24S 14W 31BBD 01	QU	1998.	158	23	7.8	20.2	20.6	21.8	20.5	21.2	20.1	20.4
24S 15W 10BAB 01	QU	2024.	114	24	14.6	24.6	26.1	27.8	27.8	28.9	29.0	29.4
24S 15W 32DBC 01	QU	2044.	184	21	9.9	22.1	23.4	25.2	25.0	26.7	27.0	26.6
25S 11W 02ACB 01	QU	1770.	90	10	10.3	11.4	11.4	11.8	11.8	11.7	11.4	11.0
25S 11W 23DDD 01	QU	1796.	156	13	12.9	15.1	16.5	16.7	17.0	16.8	15.6	14.9
25S 12W 11AAA 01		1846.	81	16						17.0	13.0	11.2
25S 12W 24DDB 01	QU	1840.	145	17	10.2	13.3	13.4	13.8	13.7	13.6	12.3	11.7
25S 13W 16AAC 01		1940.	142	22		28.2	28.1	28.8	27.2	27.9	23.2	23.3

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

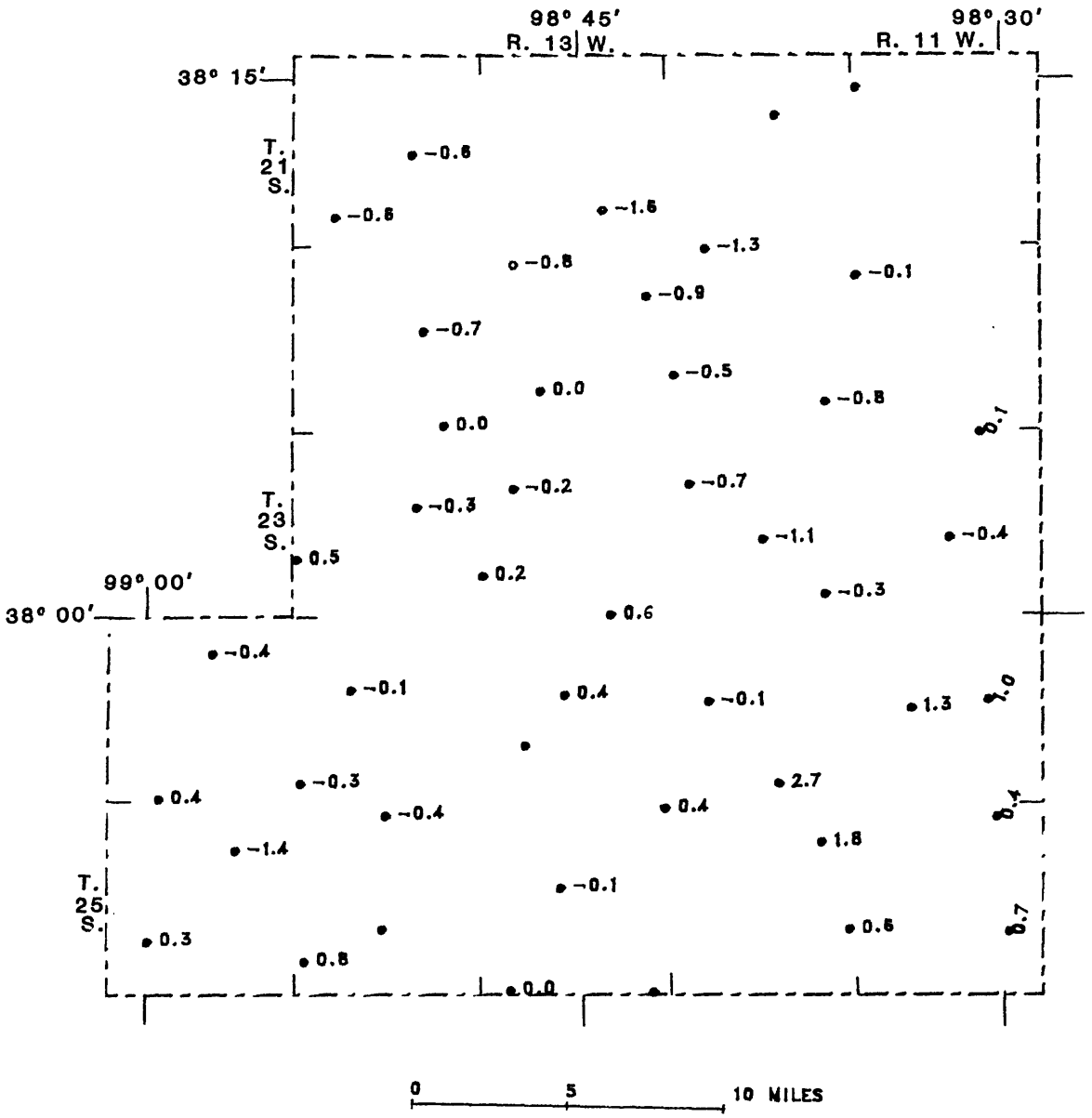
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
25S 13W 31DDA 01		1973.	221	38						21.1	18.9	18.9
25S 13W 36DCC 01		1902.	177	22						14.7		9.7
25S 14W 04AAD 01	QU	1969.	149	24	9.2	14.1	13.5	14.4	14.0	14.4	13.5	13.9
25S 14W 21DDB 01		1980.										12.2
25S 14W 30CDB 01	QU	2004.	214	14	7.2	14.9	15.3	16.0	15.7	17.0	15.3	14.5
25S 15W 11BCB 01	QU	2020.	174	16	11.7	13.2	14.5	16.0	17.4	18.6	19.7	21.1
25S 15W 29B9D 01	QU	2034.	184	16	4.3	10.7	10.7	11.9	11.9	12.3	11.2	10.9

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
21S 11W 07BBB 01		17.9	2					173	175	1
21S 12W 10CDD 01	QU									
21S 13W 27DDD 02	QU	10.6		-10.0	-1.6		-.8	141	141	
21S 14W 22AAC 01	QU	22.9	-7	-18.1	-.6	-.2	-1.4	180	173	-4
21S 14W 32BAC 01	QU	30.7	-9	-14.5	-.6	-.2	-1.1	197	188	-5
22S 11W 07BBB 01	QU	4.6	5	-1.3	-.1	.1	-.1	44	49	11
22S 12W 05BBD 01	QU	19.4	2	-10.5	-1.3		-.8	199	201	1
22S 12W 30BBD 01	QU	16.2	-3	-9.2	-.5	-.1	-.7	149	146	-2
22S 12W 36BBB 02	QU	3.8		-3.1	-.8		-.2		142	
22S 13W 05CBC 01	QU	17.9	-12	-14.8	-.8	-.3	-1.1	159	147	-8
22S 13W 12CAC 01	QU	20.4		-11.8	-.9		-.9	160	160	
22S 13W 29DAD 01	QU	17.6	-1	-12.4	0.0		-1.0	187	186	-1
22S 14W 14CCA 01	QU	22.0	-10	-21.2	-.7	-.2	-1.6	188	178	-5
22S 14W 35DDB 01	QU	27.9	-8	-16.8	0.0	-.2	-1.3	110	102	-7
23S 11W 02BBB 01	QU	1.2		-.2	.1				124	
23S 11W 22BCC 01	QU	21.8	-17	-4.4	-.4	-.4	-.3	167	150	-10
23S 12W 07DBD 01	QU	8.1	-7	-7.6	-.7	-.2	-.6	173	166	-4
23S 12W 22BCC 01	QU	13.2	-9	-7.8	-1.1	-.2	-.6	159	150	-6
23S 12W 36BBC 01	QU	14.9	-7	-3.2	-.3	-.2	-.2	146	139	-5
23S 13W 08CCB 01	QU	12.4	-4	-7.9	-.2	-.1	-.6	112	108	-4
23S 13W 30CBB 01	QU	12.3	-1	-4.4	.2		-.3	75	74	-1
23S 13W 35CCA 01	QU	18.7		-11.4	.6		-.9	131	131	
23S 14W 15ADD 01	QU	10.6	-4	-7.3	-.3	-.1	-.6	69	65	-6
23S 14W 30BBB 01	QU	41.5	-18	-7.1	.5	-.4	-.5	144	127	-12
24S 11W 14CAB 01	QU	32.8	-9	-2.8	1.0	-.2	-.2	132	123	-7
24S 11W 17DDB 01	QU	22.3	1	.5	1.3			110	111	1
24S 12W 17CAB 01	QU	24.7	-3	-7.9	-.1	-.1	-.6	122	119	-2
24S 12W 34ABC 01	QU	19.3	10	.7	2.7	.2	.1	121	131	8
24S 13W 16ACA 01	QU	20.2	-2	-11.6	.4		-.9	119	117	-2
24S 13W 20CDD 01		22.1								
24S 13W 36DDD 01		18.8	2		.4			134	136	1
24S 14W 17AAC 01	QU	30.9	-4	-9.2	-.1	-.1	-.7	105	101	-4
24S 14W 31BBD 01	QU	20.4	3	-12.6	-.3	.1	-1.0	135	138	2
24S 15W 10BAB 01	QU	29.4	-5	-14.8	-.4	-.1	-1.1	90	85	-6
24S 15W 32DBC 01	QU	26.6	-6	-16.7	.4	-.1	-1.3	163	157	-4
25S 11W 02ACB 01	QU	11.0	-1	-.7	.4		-.1	80	79	-1
25S 11W 23DDD 01	QU	14.9	-2	-2.0	.7		-.2	143	141	-1
25S 12W 11AAA 01		11.2	5		1.8	.1		65	70	8
25S 12W 24DDB 01	QU	11.7	5	-1.5	.6	.1	-.1	128	133	4
25S 13W 16AAC 01		23.3	-1		-.1			120	119	-1

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1944-87 (FEET)	WATER-LEVEL CHANGE 1974-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-87 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-87
25S 13W 31DDA 01		18.9	19		0.0	.4		183	202	10
25S 13W 36DCC 01		9.7	12			.3		155	167	8
25S 14W 04AAD 01	QU	13.9	10	-4.7	-.4	.2	-.4	125	135	8
25S 14W 21DDB 01		12.2								
25S 14W 30CDB 01	QU	14.5	-1	-7.3	.8		-.6	200	200	
25S 15W 11BCB 01	QU	21.1	-5	-9.4	-1.4	-.1	-.7	158	153	-3
25S 15W 29BBD 01	QU	10.9	5	-6.6	.3	.1	-.5	168	173	3



WATER–LEVEL CHANGE IN STAFFORD COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC 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 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)	DEPTH TO WATER 1987 (FEET)
27S 39W 02BBB 01	QU,TC	3217.	97	88	88.1	85.6	85.6	85.5	85.8	85.6	85.5	87.5
27S 39W 27BBA 01	QU,TC	3175.	395	68	102.2	191.3	189.9	189.3	181.9			181.0
27S 40W 07ABB 01		3273.	228	63						70.7		
27S 40W 16CCC 01		3259.									101.2	107.1
27S 40W 25CBC 01	QU,TC	3228.	328	73	85.8		163.3	174.1	178.0	156.3	165.0	169.2
27S 41W 31CCB 02	QU,TC	3402.	308	156	167.6	230.5	235.1	244.2	248.4	248.2	248.7	243.3
27S 41W 35CCC 01	QU,TC,KJ	3340.			135.0	163.6	166.4	165.3	167.8	168.8	169.3	172.5
27S 42W 11DBD 01	QU,TC	3409.	250	120	116.0	161.9	166.2		174.6			
27S 42W 17CCC 01		3496.									237.7	226.3
27S 42W 31CCC 01	QU,TC,KJ	3537.	292	167	193.2	234.6	236.3	240.6	235.7	239.6	238.1	240.5
27S 43W 02BBD 01		3544.	319	166						226.0	228.1	232.2
28S 39W 14BBC 01	QU,TC,KJ	3158.	408	53	97.1	134.0	136.5	139.5	141.5		144.9	146.0
28S 39W 16CCC 01		3171.	391	49						149.7	149.7	157.6
28S 39W 33ACC 01	QU,TC	3201.	428	82	120.1	177.1	176.6	183.8	179.7	178.0	181.0	186.3
28S 39W 36ABB 01	QU,TC	3145.	412	57	100.3	183.1	189.4	195.2	181.0	179.7	187.7	189.5
28S 40W 04CCC 01	QU,TC	3289.	354	110	115.6	185.4	191.8	197.5	194.6	194.6	194.1	221.6
28S 40W 12DDD 02	QU,TC	3225.	385	83	107.4	191.6	202.3	202.8	202.7	199.9	211.0	207.7
28S 40W 23ACC 01	QU,TC	3254.	404	103	120.2	171.1	170.9	173.1	172.2	179.2	181.5	
28S 40W 32CCB 01	QU,TC	3320.	446	158	172.5	244.2	249.6	252.8	237.7	237.8	237.1	
28S 41W 02CCC 01		3343.	343	141						235.2	234.9	236.2
28S 41W 19CBB 01		3433.	333	183						224.4	224.0	
28S 41W 31BDD 01	QU,TC	3414.	280	155	146.0	168.5	168.9	172.3	173.5		172.3	169.0
28S 42W 08CCC 01	QU,TC	3539.	300	199	233.9	255.5	256.8	260.7	261.5	256.7	260.9	259.0
28S 42W 20BCC 01		3553.									251.0	250.0
28S 42W 32BBB 01	KJ	3540.			215.9	225.6	226.2	232.0	236.6	233.0	229.9	228.6
29S 39W 17BCB 01	QU,TC	3239.	456	108	128.2	222.2				228.0	220.2	218.1
29S 39W 21DBD 01	QU,TC	3183.	413	62	82.6	152.7		160.0	162.4	166.4	174.1	179.4
29S 39W 24DDA 01	QU,TC	3154.	449	62	80.0	144.1		147.1	150.7	154.6	157.0	149.9
29S 40W 28ABB 01		3282.	422	132						219.0	223.5	227.6
29S 41W 13ACC 01	QU,TC	3344.	400	176	192.6			254.5	257.0	258.5	262.2	267.1
29S 41W 31CBD 01	KJ	3477.			236.5	258.4	237.2	238.0	240.9	237.9	238.7	262.2
29S 42W 08CDC 01	KJ	3517.			186.9		195.1	196.5	197.9	193.6	195.9	192.7
29S 42W 24CCC 01	QU,TC,KJ	3484.			221.2	200.5	203.4	202.4	205.8	205.2	199.8	206.3
29S 43W 33CDB 01	KJ	3654.			119.8	117.4	115.6	117.8	116.8		117.2	115.8
30S 39W 18BBB 01	QU,TC,KJ	3238.			121.2		211.8		190.2		201.1	205.9
30S 39W 23BBB 01	QU,TC	3179.	404	72	89.5	151.9	155.6	170.1	163.9	173.0	167.7	167.7
30S 40W 12BBB 01		3274.	434	138						225.2	232.6	240.3
30S 40W 24CDC 01	QU,TC,KJ	3237.			115.3	174.0	198.2	178.6	158.6	161.7	166.0	167.1
30S 40W 33CCB 01	KJ	3309.			164.3	181.8		187.3	181.2	184.4	185.3	186.2
30S 41W 13CCC 02						195.2	189.6		198.4	198.3		201.7

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

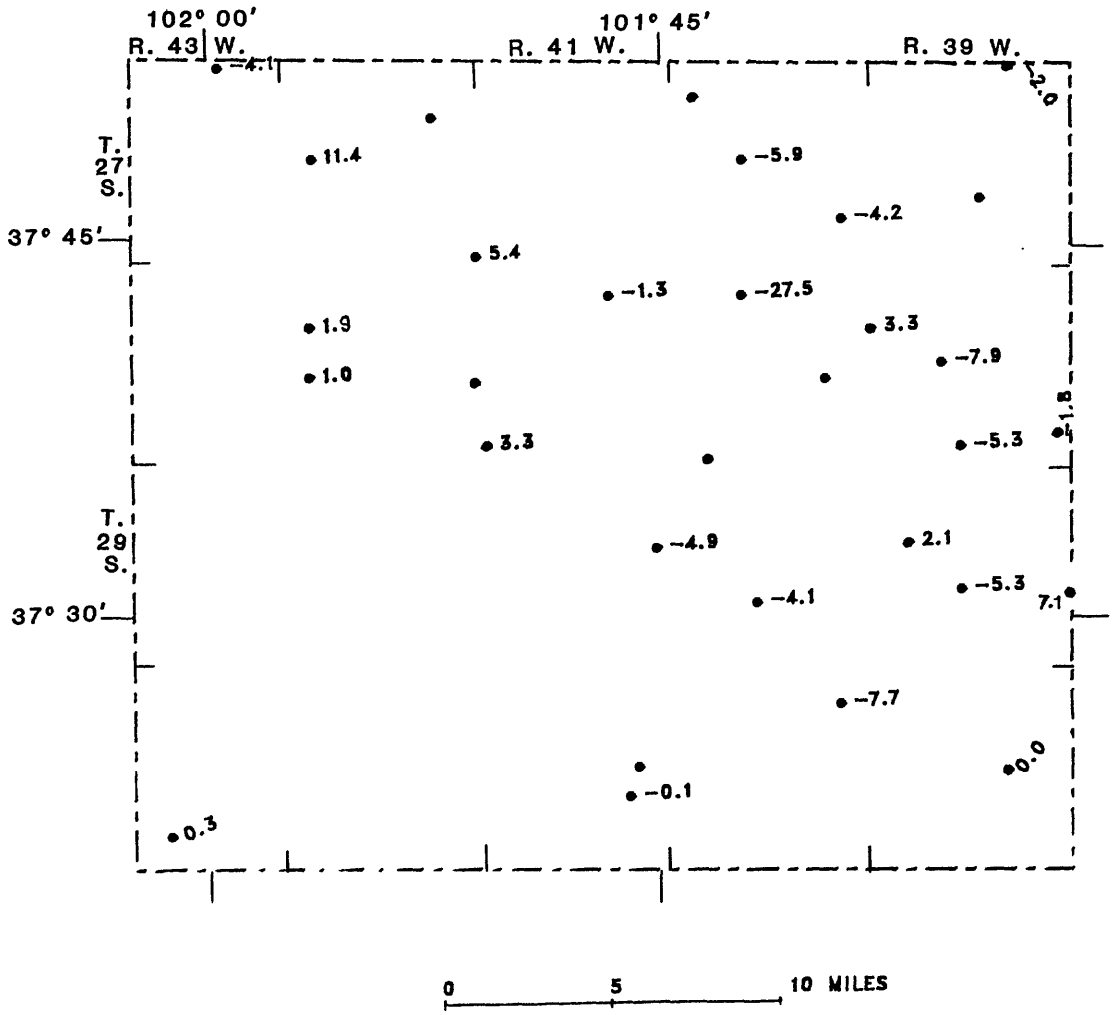
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
30S 41W 23DDB 01		3365.	205	178						189.8	190.8	190.9
30S 42W 12ACC 01	KJ	3457.			188.0	195.6	191.9	192.2	193.9	195.5	192.3	192.0
30S 42W 16BDB 01	KJ	3524.			187.8			193.6	183.3	179.6	181.0	176.5
30S 43W 34BBB 01	QU,TO	3622.	103	42	66.3	85.8	83.5	81.6	81.7	81.0	74.7	74.4
30S 43W 36BB 01	QU,TO,KJ	3595.			71.6	74.0	74.9	75.3	74.7	76.1		79.4

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
27S 39W 02BBB 01	QU,TO	87.5	1	.7	-2.0			9	10	11
27S 39W 27BBA 01	QU,TO	181.0	-113	-78.7		-2.4	-3.7	327	214	-35
27S 40W 07ABB 01										
27S 40W 16CCC 01		107.1			-5.9					
27S 40W 25CBC 01	QU,TO	169.2	-96	-83.4	-4.2	-2.0	-4.0	255	159	-38
27S 41W 31CCB 02	QU,TO	243.3	-87	-75.7	5.4	-1.9	-3.6	152	65	-57
27S 41W 35CCC 01	QU,TO,KJ	172.5		-37.5	-3.2		-1.8			
27S 42W 11DBD 01	QU,TO									
27S 42W 17CCC 01		226.3			11.4					
27S 42W 31CCC 01	QU,TO,KJ	240.5	-74	-47.3	-2.4	-1.6	-2.3			
27S 43W 02BBD 01		232.2	-66		-4.1	-1.4		153	87	-43
28S 39W 14BBC 01	QU,TO,KJ	146.0	-93	-48.9	-1.1	-2.0	-2.3			
28S 39W 16CCC 01		157.6	-109		-7.9	-2.3		342	233	-32
28S 39W 33ACC 01	QU,TO	186.3	-104	-66.2	-5.3	-2.2	-3.2	346	242	-30
28S 39W 36ABB 01	QU,TO	189.5	-133	-89.2	-1.8	-2.8	-4.2	355	223	-37
28S 40W 04CCC 01	QU,TO	221.6	-112	-106.0	-27.5	-2.4	-5.0	244	132	-46
28S 40W 12DDD 02	QU,TO	207.7	-125	-100.2	3.3	-2.7	-4.8	302	177	-41
28S 40W 23ACC 01	QU,TO									
28S 40W 32CCB 01	QU,TO									
28S 41W 02CCC 01		236.2	-95		-1.3	-2.0		202	107	-47
28S 41W 19CBB 01										
28S 41W 31BDD 01	QU,TO	169.0	-14	-23.0	3.3	-.3	-1.1	125	111	-11
28S 42W 08CCC 01	QU,TO	259.0	-60	-25.1	1.9	-1.3	-1.2	101	41	-59
28S 42W 20BCC 01		250.0			1.0					
28S 42W 32BBB 01	KJ	228.6		-12.7	1.3		-.6			
29S 39W 17BCB 01	QU,TO	218.1	-110	-89.8	2.1	-2.3	-4.3	348	238	-32
29S 39W 21DBD 01	QU,TO	179.4	-117	-96.7	-5.3	-2.5	-4.6	351	234	-33
29S 39W 24DDA 01	QU,TO	149.9	-88	-69.8	7.1	-1.9	-3.3	387	299	-23
29S 40W 28ABB 01		227.6	-96		-4.1	-2.0		290	194	-33
29S 41W 13ACC 01	QU,TO	267.1	-91	-74.4	-4.9	-1.9	-3.5	224	133	-41
29S 41W 31CBD 01	KJ	262.2		-25.7	-23.5		-1.2			
29S 42W 08CDC 01	KJ	192.7		-5.7	3.2		-.3			
29S 42W 24CCC 01	QU,TO,KJ	206.3		15.0	-6.5		.7			
29S 43W 33CDB 01	KJ	115.8		4.0	1.4		.2			
30S 39W 18BBB 01	QU,TO,KJ	205.9		-84.7	-4.8		-4.0			
30S 39W 23BBB 01	QU,TO	167.7	-96	-78.2	0.0	-2.0	-3.7	332	236	-29
30S 40W 12BBB 01		240.3	-102		-7.7	-2.2		296	194	-34
30S 40W 24CDC 01	QU,TO,KJ	167.1		-51.8	-1.1		-2.5			
30S 40W 33CCB 01	KJ	186.2		-21.8	-.9		-1.0			
30S 41W 13CCC 02		201.7								

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
30S 41W 23DDB 01		190.9	-13		-.1	-.3		27	14	-48
30S 42W 12ACC 01	KJ	192.0		-3.9	.3		-.2			
30S 42W 16BDB 01	KJ	176.5		11.3	4.5		.5			
30S 43W 34BBB 01	QU,TO	74.4	-32	-8.0	.3	-.7	-.4	61	29	-52
30S 43W 36BB 01	QU,TO,KJ	79.4		-7.8			-.4			



WATER–LEVEL CHANGE IN STANTON COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
31S 35W 15BAA 01	QU,TO	3009.	449	224	236.4	276.2	275.6	278.5	282.8	285.8	288.5	289.4
31S 35W 19CCC 01	QU,TO	3039.	490	174	187.3	221.4	221.4	222.7	223.5	224.6	226.0	227.0
31S 35W 26DCC 01	QU,TO	2988.	447	213	230.2			277.3		281.4	285.6	286.1
31S 36W 02CDD 01	QU,TO	3019.	365	139	155.8	182.6	179.7	174.1	182.7	182.1	184.0	180.6
31S 36W 27BCB 01	QU,TO	3071.	461	136	137.3	180.0	175.8	180.4	183.9	182.8		
31S 37W 09BCC 01	QU,TO	3103.	403	108	130.1	187.0	191.6	194.1	198.0		204.3	
31S 37W 22BCC 01	QU,TO	3096.	440	106	128.3	181.7	183.0	185.7		192.0	193.1	197.4
31S 37W 30DDB 01		3138.	498	123						201.0	216.9	219.8
31S 39W 23BBB 01	QU,TO	3199.	259	98	116.9	164.2				163.8		163.4
32S 35W 08DDD 01	QU,TO	3012.	502	130		155.0	154.1	158.0	160.3	161.0	161.6	167.3
32S 36W 21AAC 01		3067.	467	125						187.5	183.7	189.1
32S 36W 27DDD 01		3041.		109		169.3	162.0	149.9	153.0	149.7	151.3	
32S 37W 10DCC 01	QU,TO	3120.	540	127	136.4	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	117.5
32S 38W 11ADA 01	QU,TO	3159.	529	118	114.1	123.5	125.2	126.7	128.3	129.9	131.4	132.9
32S 38W 23BDD 01	QU,TO	3175.	505	116	106.2	126.1	126.0	127.8	128.3	129.2	131.0	133.8
32S 39W 02BBB 01	QU,TO	3216.	296	96	132.9		207.8	208.6	208.5	206.5	189.9	195.7
32S 39W 14DDD 01		3202.								64.5	66.0	64.7
33S 35W 23CBB 01		2968.		104		122.3	120.6	124.6	129.4	124.7	125.0	133.0
33S 36W 03ACA 01		3027.		90		123.2		121.7	122.4	121.2	121.8	
33S 36W 26DDD 01	QU,TO	3032.	422	121	118.7		141.8	148.4	150.1	144.3	146.7	151.9
33S 37W 17CCC 01	QU,TO	3124.	554	83	89.3	90.4	95.7	94.4	98.4	97.6	98.4	100.1
33S 37W 23CDB 01	QU,TO	3092.	562	87	83.8	95.7	95.6	96.5	95.3	95.9	96.0	96.6
33S 38W 06AAB 01	QU,TO	3203.	378	93	94.6	92.0	91.4	92.8	95.7	95.5	92.1	92.3
33S 38W 10ACC 01	QU,TO	3166.	466	101	107.7	129.9	129.1	134.8	142.2	142.0	138.6	140.9
33S 38W 20DAD 01									164.3	147.3	149.8	152.5
34S 35W 03DCC 01		2981.		108			130.5	136.7	136.7	134.6	137.2	139.5
34S 35W 07CBB 01		3014.						161.8	162.8	157.6	161.7	160.2
34S 35W 26ACC 01		2977.		112		119.7	117.5	118.6	128.0	121.0	123.6	128.5
34S 36W 10CAC 01		3065.		135		137.8	140.7	144.1	146.5	147.7	150.9	154.1
34S 36W 21DBD 01		3079.		144						156.8	158.2	161.2
34S 37W 08DAC 01	QU,TO	3162.	642	133	113.0	124.0	124.1	125.8	127.4	126.0	127.6	131.7
34S 37W 27ABC 01	QU,TO	3132.	532	125	105.8	111.5	112.1	116.9	115.7	116.2	120.2	122.8
34S 37W 29BBD 01		3170.	550	138						155.0	153.5	156.0
34S 37W 35AAD 01		3111.	666	129						123.6	122.2	124.5
34S 38W 02CAC 01	QU,TO	3197.	577	139	136.0	159.4	161.2	155.3	154.6			
34S 38W 34CAA 01		3194.								153.3	154.7	157.4
34S 39W 02CCA 01	QU,TO	3248.	533	118	108.3	102.3	101.2	99.9	102.5	100.5	99.9	100.1
34S 39W 15CAD 01	QU,TO	3280.	510	141	141.7	136.4	136.1	137.0	139.2	135.9	136.7	137.0
35S 35W 15BCC 01		2978.	618	107						107.0	108.3	112.8

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

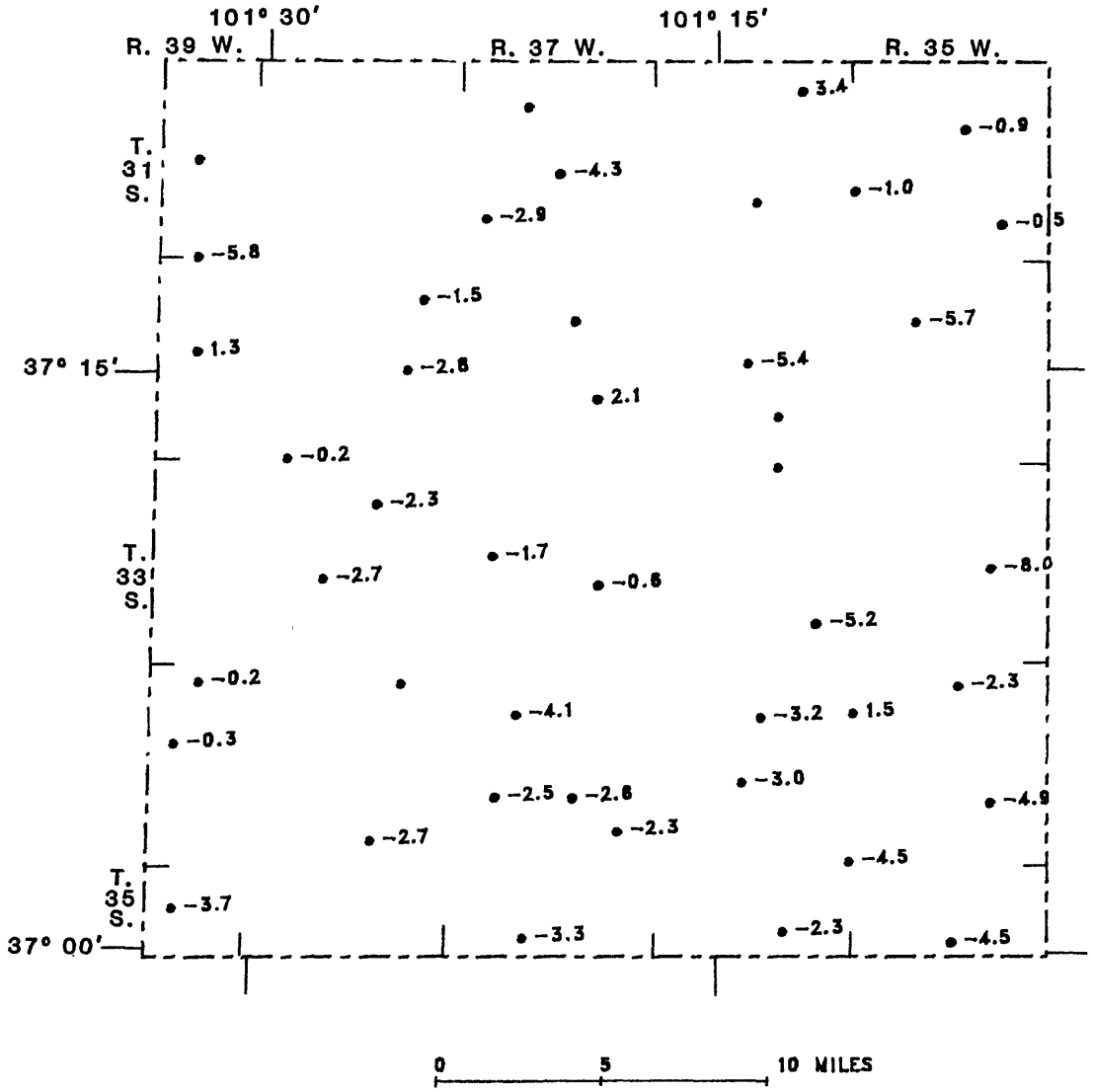
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
35S 36W 01AAA 01	QU,TC	3022.	590	120			114.2	119.9	122.2	120.0	121.1	125.6
35S 36W 15AAD 01		3025.		93						103.9	104.8	107.1
35S 37W 16BCC 01		3138.									128.3	131.6
35S 39W 10CAD 01	QU,TC	3302.	502	183	188.0	197.0	193.4	199.2	202.3	191.0	191.8	195.5

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
31S 35W 15BAA 01	QU,TO	289.4	-65	-53.0	-.9	-1.4	-2.5	225	160	-29
31S 35W 19CCC 01	QU,TO	227.0	-53	-39.7	-1.0	-1.1	-1.9	316	263	-17
31S 35W 26DCC 01	QU,TO	286.1	-73	-55.9	-.5	-1.6	-2.7	234	161	-31
31S 36W 02CDD 01	QU,TO	180.6	-42	-24.7	3.4	-.9	-1.2	226	184	-19
31S 36W 27BCB 01	QU,TO									
31S 37W 09BCC 01	QU,TO									
31S 37W 22BCC 01	QU,TO	197.4	-91	-69.0	-4.3	-1.9	-3.3	334	243	-27
31S 37W 30DDB 01		219.8	-97		-2.9	-2.1		375	278	-26
31S 39W 23BBB 01	QU,TO	163.4	-65	-46.5		-1.4	-2.2	161	96	-40
32S 35W 08DDD 01	QU,TO	167.3	-37		-5.7	-.8		372	335	-10
32S 36W 21AAC 01		189.1	-64		-5.4	-1.4		342	278	-19
32S 36W 27DDD 01										
32S 37W 10DCC 01	QU,TO									
32S 37W 26BAC 01		117.5	7		2.1	.1				
32S 38W 11ADA 01	QU,TO	132.9	-15	-18.8	-1.5	-.3	-.9	411	396	-4
32S 38W 23BDD 01	QU,TO	133.8	-18	-27.6	-2.8	-.4	-1.3	389	371	-5
32S 39W 02BBB 01	QU,TO	195.7	-99	-62.8	-5.8	-2.1	-3.0	200	100	-5
32S 39W 14DDD 01		64.7			1.3					
33S 35W 23CBB 01		133.0	-29		-8.0	-.6				
33S 36W 03ACA 01										
33S 36W 26DDD 01	QU,TO	151.9	-31	-33.2	-5.2	-.7	-1.6	301	270	-10
33S 37W 17CCC 01	QU,TO	100.1	-17	-10.8	-1.7	-.4	-.5	471	454	-4
33S 37W 23CDB 01	QU,TO	96.6	-10	-12.8	-.6	-.2	-.6	475	465	-2
33S 38W 06AAB 01	QU,TO	92.3	1	2.4	-.2		.1	285	286	
33S 38W 10ACC 01	QU,TO	140.9	-40	-33.1	-2.3	-.9	-1.6	365	325	-11
33S 38W 20DAD 01		152.5			-2.7					
34S 35W 03DCC 01		139.5	-32		-2.3	-.7				
34S 35W 07CBB 01		160.2			1.5					
34S 35W 26ACC 01		128.5	-17		-4.9	-.4				
34S 36W 10CAC 01		154.1	-19		-3.2	-.4				
34S 36W 21DBD 01		161.2	-17		-3.0	-.4				
34S 37W 08DAC 01	QU,TO	131.7	1	-18.7	-4.1		-.9	509	510	
34S 37W 27ABC 01	QU,TO	122.8	2	-17.0	-2.6		-.8	407	409	
34S 37W 29BBD 01		156.0	-18		-2.5	-.4		412	394	-4
34S 37W 35AAD 01		124.5	5		-2.3	.1		537	542	1
34S 38W 02CAC 01	QU,TO									
34S 38W 34CAA 01		157.4			-2.7					
34S 39W 02CCA 01	QU,TO	100.1	18	8.3	-.2	.4	.4	415	433	4
34S 39W 15CAD 01	QU,TO	137.0	4	4.7	-.3	.1	.2	369	373	1
35S 35W 15BCC 01		112.8	-6		-4.5	-.1		511	505	-1

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1940-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-87
35S 36W 01AAA 01	QU,TO	125.6	-6		-4.5	-.1		470	464	-1
35S 36W 15AAD 01		107.1	-14		-2.3	-.3				
35S 37W 16BCC 01		131.6			-3.3					
35S 39W 10CAD 01	QU,TO	195.5	-13	-7.5	-3.7	-.3	-.4	319	307	-4



WATER–LEVEL CHANGE IN STEVENS COUNTY, 1986–87

TABLE 1.-- SELECTED HYDRCLOGIC DATA, THOMAS 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 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)	DEPTH TO WATER 1987 (FEET)
06S 31W 03ADB 01	TO	2957.	192	109	115.0	120.1	115.9	115.5	115.6	116.7	115.7	115.7
06S 31W 33CCD 01	QA,TC	2916.	131	18	10.0	30.9	30.6	30.2		30.4	30.3	31.1
06S 32W 12CBC 01	TO	3020.	210	115	114.0	120.0	118.0	117.6	120.8	119.2	119.2	119.7
06S 32W 29CDC 01	TO	3077.	204	113	111.0	124.4	124.0	122.2	124.1	125.1	123.7	122.4
06S 33W 07BBB 01	TO	3177.	234	137		137.4	137.4	137.5	139.3	141.2	137.8	138.9
06S 33W 23DDD 01	QA	2997.	81	9		14.3	13.6	11.0	12.0	11.5	11.4	12.8
06S 34W 01DDD 01	TO									143.4	141.6	143.1
06S 34W 11CDD 01	TO	3218.	253	158	156.0	163.2	163.7	162.5	163.0	168.7	161.7	161.3
06S 34W 17CBC 01	TO	3261.	258	151	151.0	157.8	158.2	157.9	158.4	158.1	158.7	159.1
06S 34W 22DCA 01		3207.								132.6	128.0	128.1
06S 34W 31CDB 01											130.6	131.7
06S 35W 02CDD 01	TO	3245.	250	117	127.0	130.1	131.4	129.7	129.8	129.9	129.7	129.8
06S 35W 26ACB 01	TO	3300.	255	151	150.0	154.4	153.8	154.6	154.2	154.6	154.8	155.2
06S 36W 06BCD 01	TO	3408.	323	174	178.0	190.9	190.4	189.1		188.6	190.5	188.9
06S 36W 11ACC 01	TO	3360.	280	168	161.0	170.3	167.8	165.7		166.1	167.1	166.8
06S 36W 30DCB 01	TO	3417.	307	152	147.0	154.5	155.5	154.5		155.4	155.4	155.5
06S 36W 34DDB 01	TO	3334.	246	99	94.0	101.6	102.8	101.6	102.7	102.0	102.6	103.2
07S 31W 01DCA 01	TO	2956.	246	108	101.0		112.4	113.6	114.5	121.1	123.5	117.1
07S 32W 07ACA 01	TO	3056.	146	68	64.0	78.5	79.3	79.0	79.4	79.4	79.0	79.5
07S 32W 13AAA 01	TO	3037.	234	102	101.0	120.0	121.7	123.8		122.9	123.3	123.8
07S 32W 33BCB 01		3082.								114.6	115.3	116.1
07S 33W 07BDA 01	TO	3203.	254	141	149.0		154.7	153.2	155.0	154.4	154.4	155.6
07S 33W 35ADD 01	TO	3145.	252	131	131.0	150.3	151.8	148.3	150.6	151.0	150.6	
07S 34W 25AAA 01	TO	3167.	240	106	106.0	114.8	111.8	111.1	112.6	113.3	112.2	113.3
07S 34W 26DBD 01	TO	3177.	230	104	104.0	109.6	110.0			118.5	112.4	119.0
07S 35W 09CCC 01	TO	3315.	265	124		129.6	129.0	127.8	127.5	126.8	128.1	128.9
07S 36W 17CCC 01	TO	3417.	267	139	134.0	145.2	145.2	142.8	142.9	143.2	143.6	145.5
07S 36W 35CBB 01	TO	3341.	221	82	82.0	89.0	89.5	90.6		91.6	93.0	88.6
08S 31W 03CDD 01	TO	3003.		110		130.3	132.2	131.3	133.4	135.0	135.2	137.7
08S 31W 20CDD 01	TO	3026.	220	98	101.0	114.7		115.2	118.3	120.2	118.0	120.1
08S 32W 07BAA 01	TO	3102.	272	98	99.0	119.1	120.5	118.2	120.4	121.2	121.1	123.1
08S 32W 12DBC 01	TO	3057.	217	110	108.0	113.7	114.8	113.9	116.6	116.3	117.0	118.4
08S 32W 27DAB 01	TO	3078.	228	112	110.0	115.6	121.5			122.3	124.1	128.1
08S 33W 34BBC 01	TO	3168.	197	130	130.0	149.5	149.0	147.2	148.7		151.7	155.4
08S 34W 01BAC 01	TO	3177.	270	113	116.0	124.3	124.2	124.4		125.9	124.4	126.5
08S 34W 06CBC 01	TO	3266.	227	130	135.0	137.8	140.1	139.4	135.5		137.9	
08S 34W 23CBD 01	TO	3232.	235	162	155.0	174.3	176.2		176.3		178.5	
08S 34W 29CCC 01		3283.								198.3	205.0	206.8
08S 35W 04CCC 01		3302.								94.8	94.8	94.8
08S 36W 15CBB 01		3365.								85.4	85.9	86.1

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

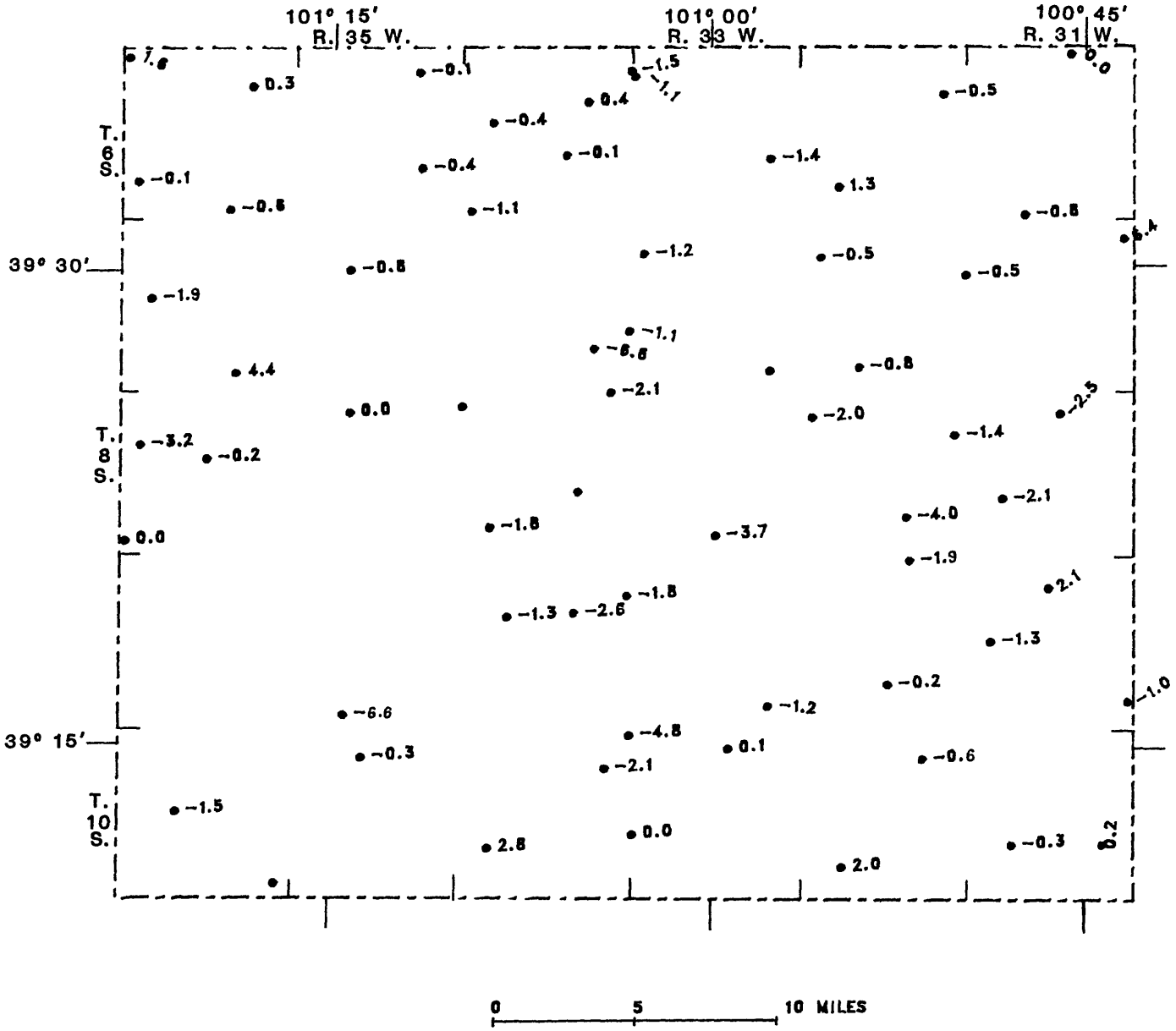
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
08S 36W 18ABA 02	TO	3428.		120		128.3		128.2			129.5	132.7
08S 36W 31BCD 01		3369.									45.2	45.2
09S 31W 10BBB 01	TO	2999.	177	85	83.0	88.2	87.8	88.4	88.8	89.6	92.3	90.2
09S 31W 17CCC 01		3016.								91.0	88.6	89.9
09S 31W 36AAB 01	TO	3013.	209	130	131.0		141.5	139.1	141.8	143.1	142.4	143.4
09S 32W 03AAA 01		3051.								99.2	97.5	99.4
09S 32W 27BCD 01	TO	3076.	207	97	98.0	117.0	120.7	119.1	119.7	118.7	121.4	121.6
09S 33W 35AAD 01	TO	3145.	250	125	129.0	152.8	155.9	154.2	156.3	156.9	157.4	158.6
09S 34W 11CCC 01		3180.								118.4	120.2	122.8
09S 34W 12ADA 01	TO	3199.	269	134		155.4	157.3	156.2	157.7	159.0	159.7	161.5
09S 34W 17ABA 01		3229.								153.4	154.2	155.5
09S 35W 32DAA 01	TO	3361.	235	182	188.0	187.0	187.0	186.4	188.2	186.8	186.8	193.4
10S 31W 26AAA 01	QA,TC	2891.	31	11	5.0	10.7	11.1	10.3	11.3	11.4	12.2	12.0
10S 31W 29AAB 01	TO	2997.	190	82	82.0	91.1	90.7	89.7	91.3	91.3	91.3	91.6
10S 32W 11BAA 01	TO	3072.	171	110	105.0		117.3	118.2	118.8	117.0	120.1	120.7
10S 32W 29DCB 01	TO	3064.	184	78	80.0	93.9	94.5	95.3	95.5	97.6	98.4	96.4
10S 33W 03DBC 01	TO	3145.	254	120	127.0	148.5	149.1	148.0	148.1		152.6	152.5
10S 33W 06BBC 01	TO	3191.	315	136			178.9				172.6	177.4
10S 33W 19CBD 01	TO	3161.	166	100	99.0	104.8	105.0	105.6	106.1	104.7	106.2	106.2
10S 34W 12BCD 01	TO	3220.	297	157	169.0		171.3	172.9	178.6	171.3	169.3	171.4
10S 34W 29BBC 01		3208.								88.9	91.6	88.8
10S 35W 09ABB 01		3290.								112.8	113.1	113.4
10S 36W 16CCC 01		3366.								128.8	128.7	130.2
10S 36W 36ACC 01	TO	3359.	199	164	169.0	171.8	171.5	172.0	172.4	175.8		171.7

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
06S 31W 03ADB 01	TO	115.7	-7	-.7	0.0	-.2		83	76	-8
06S 31W 33CCD 01	QA,TO	31.1	-13	-21.1	-.8	-.4	-1.0	113	100	-12
06S 32W 12CBC 01	TO	119.7	-5	-5.7	-.5	-.1	-.3	95	90	-5
06S 32W 29CDC 01	TO	122.4	-9	-11.4	1.3	-.2	-.5	91	82	-10
06S 33W 07BBB 01	TO	138.9	-2		-1.1	-.1		97	95	-2
06S 33W 23DDD 01	QA	12.8	-4		-1.4	-.1		72	68	-6
06S 34W 01DDD 01	TO	143.1			-1.5					
06S 34W 11CDD 01	TO	161.3	-3	-5.3	.4	-.1	-.3	95	92	-3
06S 34W 17CBC 01	TO	159.1	-8	-8.1	-.4	-.2	-.4	107	99	-7
06S 34W 22DCA 01		128.1			-.1					
06S 34W 31CDB 01		131.7			-1.1					
06S 35W 02CDD 01	TO	129.8	-13	-2.8	-.1	-.4	-.1	133	120	-10
06S 35W 26ACB 01	TO	155.2	-4	-5.2	-.4	-.1	-.2	104	100	-4
06S 36W 06BCD 01	TO	183.9	-15	-10.9	1.6	-.4	-.5	149	134	-10
06S 36W 11ACC 01	TO	166.8	1	-5.8	.3		-.3	112	113	1
06S 36W 30DCB 01	TO	155.5	-4	-8.5	-.1	-.1	-.4	155	152	-2
06S 36W 34DDB 01	TO	103.2	-4	-9.2	-.6	-.1	-.4	147	143	-3
07S 31W 01DCA 01	TO	117.1	-9	-16.1	6.4	-.2	-.8	138	129	-7
07S 32W 07ACA 01	TO	79.5	-12	-15.5	-.5	-.3	-.7	78	67	-14
07S 32W 13AAA 01	TO	123.8	-22	-22.8	-.5	-.6	-1.1	132	110	-17
07S 32W 33BCB 01		116.1			-.8					
07S 33W 07BDA 01	TO	155.6	-15	-6.6	-1.2	-.4	-.3	113	98	-13
07S 33W 35ADD 01	TO									
07S 34W 25AAA 01	TO	113.3	-7	-7.3	-1.1	-.2	-.3	134	127	-5
07S 34W 26DBD 01	TO	119.0	-15	-15.0	-6.6	-.4	-.7	126	111	-12
07S 35W 09CCC 01	TO	128.9	-5		-.8	-.1		141	136	-4
07S 36W 17CCC 01	TO	145.5	-7	-11.5	-1.9	-.2	-.5	128	122	-5
07S 36W 35CBB 01	TO	88.6	-7	-6.6	4.4	-.2	-.3	139	132	-5
08S 31W 03CDD 01	TO	137.7	-28		-2.5	-.8				
08S 31W 20CDD 01	TO	120.1	-22	-19.1	-2.1	-.6	-.9	122	100	-18
08S 32W 07BAA 01	TO	123.1	-25	-24.1	-2.0	-.7	-1.1	174	149	-14
08S 32W 12DBC 01	TO	118.4	-8	-10.4	-1.4	-.2	-.5	107	99	-7
08S 32W 27DAB 01	TO	128.1	-16	-18.1	-4.0	-.4	-.9	116	100	-14
08S 33W 34BBC 01	TO	155.4	-25	-25.4	-3.7	-.7	-1.2	67	42	-37
08S 34W 01BAC 01	TO	126.5	-14	-10.5	-2.1	-.4	-.5	157	144	-8
08S 34W 06CBC 01	TO									
08S 34W 23CBD 01	TO									
08S 34W 29CCC 01		206.8			-1.8					
08S 35W 04CCC 01		94.8			0.0					
08S 36W 15CBB 01		86.1			-.2					

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
08S 36W 18ABA 02	TO	132.7	-13		-3.2	-.4				
08S 36W 31BCD 01		45.2			0.0					
09S 31W 10BBB 01	TO	90.2	-5	-7.2	2.1	-.1	-.3	92	87	-5
09S 31W 17CCC 01		89.9			-1.3					
09S 31W 36AAB 01	TO	143.4	-13	-12.4	-1.0	-.4	-.6	79	66	-16
09S 32W 03AAA 01		99.4			-1.9					
09S 32W 27BCD 01	TO	121.6	-25	-23.6	-.2	-.7	-1.1	110	85	-23
09S 33W 35AAD 01	TO	158.6	-34	-29.6	-1.2	-.9	-1.4	125	91	-27
09S 34W 11CCC 01		122.8			-2.6					
09S 34W 12ADA 01	TO	161.5	-28		-1.8	-.8		135	108	-20
09S 34W 17ABA 01		155.5			-1.3					
09S 35W 32DAA 01	TO	193.4	-11	-5.4	-6.6	-.3	-.3	53	42	-21
10S 31W 26AAA 01	QA,TO	12.0	-1	-7.0	.2		-.3	20	19	-5
10S 31W 29AAB 01	TO	91.6	-10	-9.6	-.3	-.3	-.5	108	98	-9
10S 32W 11BAA 01	TO	120.7	-11	-15.7	-.6	-.3	-.7	61	50	-18
10S 32W 29DCB 01	TO	96.4	-18	-16.4	2.0	-.5	-.8	106	88	-17
10S 33W 03DBC 01	TO	152.5	-33	-25.5	.1	-.9	-1.2	134	102	-24
10S 33W 06BBC 01	TO	177.4	-41		-4.8	-1.1		179	138	-23
10S 33W 19CBD 01	TO	106.2	-6	-7.2	0.0	-.2	-.3	66	60	-9
10S 34W 12BCD 01	TO	171.4	-14	-2.4	-2.1	-.4	-.1	140	126	-10
10S 34W 29BBC 01		88.8			2.8					
10S 35W 09ABB 01		113.4			-.3					
10S 36W 16CCC 01		130.2			-1.5					
10S 36W 36ACC 01	TO	171.7	-8	-2.7		-.2	-.1	35	27	-23



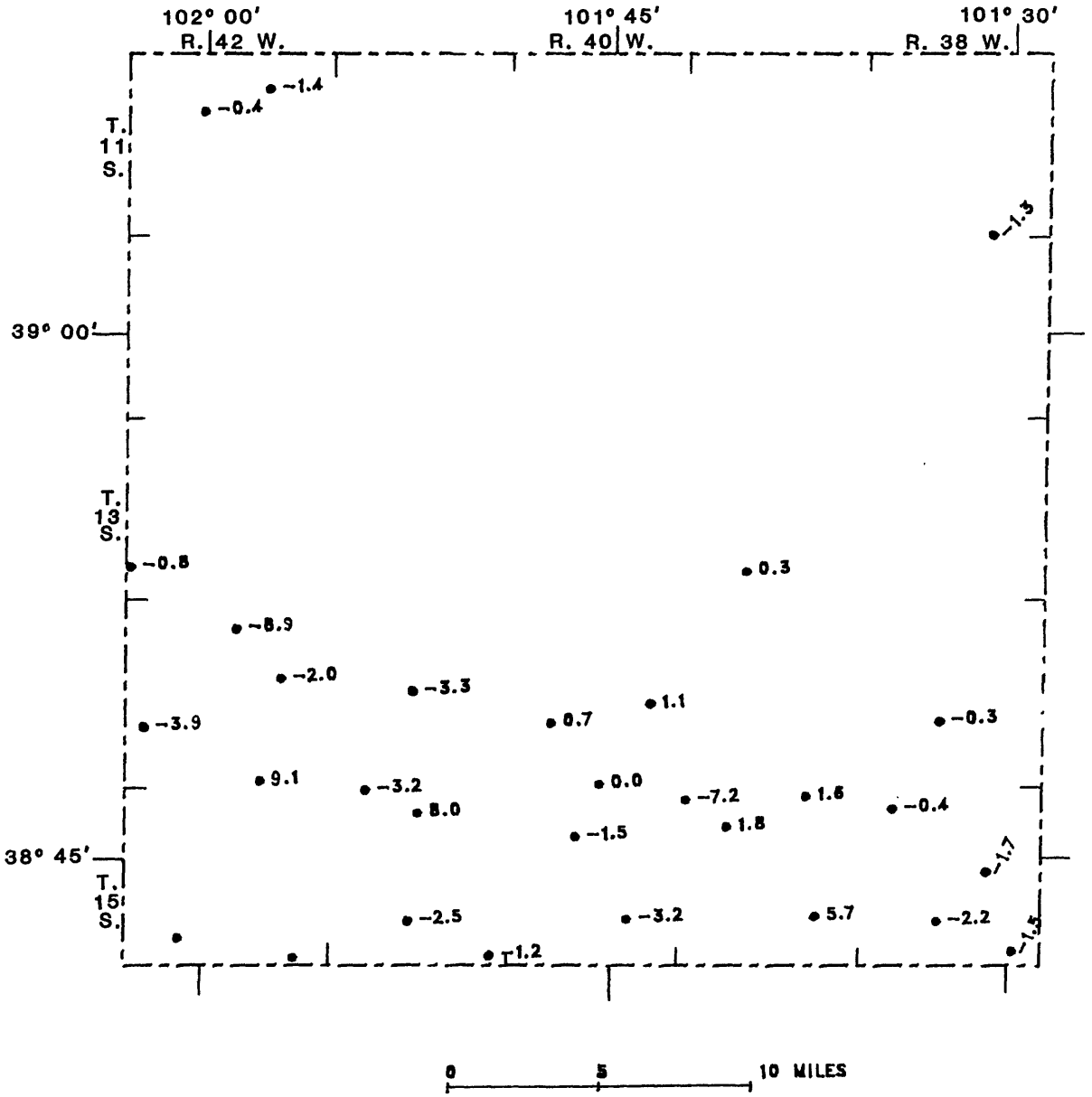
WATER–LEVEL CHANGE IN THOMAS COUNTY, 1986–87

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 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)	DEPTH TO WATER 1987 (FEET)
11S 38W 35CCC 02	TO	3372.	189	81	76.0	140.1	148.6		136.3	127.6	124.9	126.2
11S 42W 08DDC 01	TO	3953.	98	98		107.4	107.3	107.5	108.3	109.7	109.9	110.3
11S 42W 10AAD 01	TO	3948.								130.1	128.6	130.0
13S 39W 33BBB 01	TO	3322.				26.9	29.5	25.4	25.9	25.3	26.3	26.0
13S 43W 36ABB 01	TO	3894.	270	149	149.0		175.8	177.4	180.7	180.0	182.2	183.0
14S 38W 21DCC 01	TO	3538.	94	82	80.1	81.8	81.9	81.8	82.1	82.1	82.2	82.5
14S 40W 23ADD 01	TO	3645.	220	118	124.5			155.2	156.6	156.1	157.1	156.0
14S 40W 29ABA 01	TO	3702.	230	137		167.3		169.8	172.2	171.8	174.7	174.0
14S 41W 22BBC 01	TO	3729.	213	84	86.1	120.6	121.6	121.0	124.1	125.8	124.9	128.2
14S 42W 10BAA 01	TO	3838.	403	133		176.1	179.2	178.5	181.3	182.1	177.2	186.1
14S 42W 14DBD 01	TO	3796.	400	101	117.4		153.2	149.8	151.6	151.5	152.1	154.1
14S 42W 30BCA 01	TO	3880.	386	155	159.6	186.8				195.2	193.6	197.5
15S 38W 05CCB 01	TO	3531.	144	76		101.3	102.5	102.5	104.8	103.4	103.9	104.3
15S 38W 14CCD 01	TO	3486.	150	70	81.1	102.8	103.9	102.1	104.5	103.2	105.5	107.2
15S 38W 28DBB 01	TO	3502.	202	82	106.3		145.4	146.0	148.2	148.1	145.8	148.0
15S 38W 36CBB 01	TO	3461.	153	76	80.8	115.7	121.3	121.9	121.9	121.4	121.4	122.9
15S 39W 02BCA 01	TO	3585.	195	109	125.0	151.2		156.7	152.5	152.6	152.8	151.2
15S 39W 06CBC 01	TO	3631.	223	106	118.8	147.6	146.1	146.3	146.3		146.1	153.3
15S 39W 08ACC 01	TO	3623.	222	113	129.9	156.2	158.6	158.5	159.8	160.3	162.6	160.8
15S 39W 26ACC 01	TO	3561.	239	90	111.5	145.0	150.7	151.0	154.2	152.1	159.5	153.8
15S 40W 03BAB 01	TO	3636.	254	86	85.0	119.7	121.7	120.4	119.8	122.3	124.3	124.3
15S 40W 09DCB 01	TO	3653.	261	85	90.8	126.4	128.6	128.5	128.7	129.2	130.3	131.8
15S 40W 26CAB 01	TO	3646.	245	100	102.0	128.9	142.0			130.0	134.1	137.3
15S 41W 05ACB 01	TO	3794.	235	136	147.2		185.9	189.4	190.5	190.0	204.7	207.9
15S 41W 10BAB 01	TO	3787.	264	157	163.7	199.1	200.0	200.0	200.7	202.2	212.1	204.1
15S 41W 27CBC 01	TO	3750.	230	145		184.1	186.7	190.5	191.8	186.9	189.0	191.5
15S 41W 36DDB 02	TO	3695.	265	104	113.1		142.2	139.5		144.9	145.2	146.4
15S 42W 02BBB 01	TO	3854.	225	159	166.9	200.6	198.5	201.8	205.7	208.1	212.3	203.2
15S 42W 32BDA 01	TO	3901.	271	216	233.9	245.2	243.8	233.5	239.3	246.2		247.9
15S 42W 36CDC 01	TO	3844.	270	194	214.1	241.2	241.9	242.7	243.3	241.7		245.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
11S 38W 35CCC 02	TO	126.2	-45	-50.2	-1.3	-1.2	-2.4	108	63	-42
11S 42W 08DDC 01	TO	110.3	-12		-.4	-.3			12	
11S 42W 10AAD 01	TO	130.0			-1.4					
13S 39W 33BBB 01	TO	26.0			.3					
13S 43W 36ABB 01	TO	183.0	-34	-33.9	-.8	-.9	-1.6	121	87	-28
14S 38W 21DCC 01	TO	82.5	-1	-2.4	-.3		-.1	12	12	
14S 40W 23ADD 01	TO	156.0	-38	-31.5	1.1	-1.0	-1.5	102	64	-37
14S 40W 29ABA 01	TO	174.0	-37		.7	-1.0		93	56	-40
14S 41W 22BBC 01	TO	128.2	-44	-42.1	-3.3	-1.2	-2.0	134	90	-33
14S 42W 10BAA 01	TO	186.1	-53		-8.9	-1.4		270	217	-20
14S 42W 14DBD 01	TO	154.1	-53	-36.7	-2.0	-1.4	-1.7	299	246	-18
14S 42W 30BCA 01	TO	197.5	-43	-37.9	-3.9	-1.2	-1.8	231	189	-18
15S 38W 05CCB 01	TO	104.3	-28		-.4	-.8		68	40	-41
15S 38W 14CCD 01	TO	107.2	-37	-26.1	-1.7	-1.0	-1.2	80	43	-46
15S 38W 28DBB 01	TO	148.0	-66	-41.7	-2.2	-1.8	-2.0	120	54	-55
15S 38W 36CBB 01	TO	122.9	-47	-42.0	-1.5	-1.3	-2.0	77	30	-61
15S 39W 02BCA 01	TO	151.2	-42	-26.1	1.6	-1.1	-1.2	86	44	-49
15S 39W 06CBC 01	TO	153.3	-47	-34.5	-7.2	-1.3	-1.6	117	70	-40
15S 39W 08ACC 01	TO	160.8	-48	-30.9	1.8	-1.3	-1.5	109	61	-44
15S 39W 26ACC 01	TO	153.8	-64	-42.2	5.7	-1.7	-2.0	149	85	-43
15S 40W 03BAB 01	TO	124.3	-38	-39.2	0.0	-1.0	-1.9	168	130	-23
15S 40W 09DCB 01	TO	131.8	-47	-41.0	-1.5	-1.3	-2.0	176	129	-27
15S 40W 26CAB 01	TO	137.3	-37	-35.3	-3.2	-1.0	-1.7	145	108	-26
15S 41W 05ACB 01	TO	207.9	-72	-60.7	-3.2	-1.9	-2.9	99	27	-72
15S 41W 10BAB 01	TO	204.1	-47	-40.3	8.0	-1.3	-1.9	107	60	-44
15S 41W 27CBC 01	TO	191.5	-47		-2.5	-1.3		85	39	-54
15S 41W 36DDB 02	TO	146.4	-42	-33.2	-1.2	-1.1	-1.6	161	119	-26
15S 42W 02BBB 01	TO	203.2	-44	-36.3	9.1	-1.2	-1.7	66	22	-67
15S 42W 32BDA 01	TO	247.9	-32	-14.0		-.9	-.7	55	23	-58
15S 42W 36CDC 01	TO	245.3	-51	-31.1		-1.4	-1.5	76	25	-67



WATER–LEVEL CHANGE IN WALLACE COUNTY, 1986–87

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 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)	DEPTH TO WATER 1987 (FEET)
16S 35W 06AAB 01	TO	3208.	118	71	81.5		82.8	82.6		83.0	82.8	83.2
16S 35W 13CCC 01	TO	3182.	170	118	126.6	156.8	159.3	157.6	157.7	157.7	157.7	158.8
16S 35W 20CCC 01	TO	3228.	189	103	124.6		162.0	157.2	155.8	156.0	155.2	160.3
16S 36W 03DCC 01	TO	3267.	138	87		126.5	128.4	135.2		133.8	132.2	131.6
16S 36W 07BCB 01	TO	3319.	140	80	91.8	111.3	112.6	113.2	114.8	115.6	115.2	117.4
16S 36W 21CCC 01	TO	3295.	205	84	99.9	150.0	152.4	171.2	150.5	149.8	151.7	151.6
16S 36W 30CBC 01	TO	3319.	218	87	109.3			153.0		158.6	155.9	154.5
16S 36W 34CCC 02	TO	3275.									138.3	137.9
16S 36W 36CBC 01	TO	3246.	200	91	105.4	130.8	133.8	132.5	133.9	133.9	134.3	135.1
16S 37W 17BBB 01	TO	3399.	194	86	101.0	141.4	142.4	143.7	144.4	145.0	144.0	145.9
16S 37W 30BAB 01	TO	3404.								154.4	156.3	155.3
16S 38W 10ABB 01	TO	3458.	208	83	96.3		144.4	145.2	145.0	144.8	143.5	146.4
16S 38W 26BBB 01	TO	3424.	197	75	112.0	139.3	145.9	137.7	138.6	139.8	140.6	141.2
17S 35W 02BBB 01	TO	3189.	189	109			149.3	150.1	151.0	151.9	152.3	153.3
17S 35W 15CDC 01	TO	3194.	204	98	110.0	131.7	136.4	131.9	133.7	133.5	133.9	135.2
17S 35W 18ACB 01	TO	3226.	195	97	110.8		145.8	144.0	144.7	144.7	144.7	146.0
17S 35W 27CCC 01	TO	3195.	210	91	109.6		149.5	148.0	146.4	145.1	143.6	144.5
17S 35W 30CBB 01	TO	3235.	218	94	126.6	162.6	169.4	172.5	162.6		160.2	163.6
17S 36W 10CBB 01	QA,TO	3202.	97	29		53.6	55.6	56.5	57.8	59.6	60.0	61.0
17S 36W 23BCC 01	TO	3258.	228	100	125.3	155.6	160.1	158.2	162.5	156.3	155.3	156.8
17S 36W 33BCB 01	TO	3286.	208	98	113.3	141.5	143.0	143.5	143.5	145.0	145.0	146.0
17S 37W 08BAA 01	TO	3374.	196	84	101.2	130.2	134.9	141.2	134.8	132.3	133.4	134.1
17S 37W 13CDD 01	TO	3300.	175	70		101.0	103.1	104.2	106.2	107.7	107.7	110.8
17S 37W 28CCC 01	TO	3360.	190	85	98.4	131.1	141.5	151.7	133.9	138.1	137.0	138.2
17S 38W 21BBB 01	TO	3446.	165	100	100.3		126.5	127.7	127.6		126.4	129.5
17S 38W 24ACC 01	TO	3394.	210	86	104.5	124.0	125.4	129.0	131.6	131.4	132.7	132.3
17S 38W 28CCC 01	TO	3446.	190	105	113.6		143.8	143.9		144.9	144.8	
18S 35W 08BBC 02	TO	3217.	186	82			140.0	144.6	143.0	133.6	134.7	137.0
18S 35W 14DCD 01	TO	3171.	137	80	91.1		114.0	117.5	115.2	119.3	114.0	115.8
18S 35W 31DDD 01	TO	3210.									95.4	
18S 36W 15DAD 01	TO	3235.	165	60		87.3	87.5	87.0	88.4	88.8	87.6	88.3
18S 37W 01BBB 01	TO	3315.	174	80	108.4	136.0	138.8	137.6	139.9	138.9	138.3	139.7
18S 37W 21BBB 01	TO	3360.	175	85	113.6	155.4	168.7	154.6	163.5	158.3	161.7	158.1
18S 37W 36ABB 01	TO	3301.	155	76	89.3	106.0	107.3	108.8	108.8	108.4	108.3	108.8
18S 38W 02BCC 01	TO	3414.	199	95	115.7	153.1	155.8	159.4	160.9	152.3	153.0	151.4
18S 38W 08BBD 01	TO	3432.	182	82		127.8	131.7	131.9	130.2	128.6	129.2	132.4
18S 38W 12BCC 01	TO	3401.	202	91	117.4	157.4	158.5	161.5	164.7		161.9	160.0
18S 38W 20ACC 02	TO	3440.	169	90	108.7		131.3	130.2	130.7	131.4	130.7	130.3
18S 38W 23BAB 01	QA,TO	3340.	108	23		43.5	45.8	39.8	53.5	25.8	40.2	25.7
18S 38W 31DBC 01	TO	3450.	148	109	108.7	120.7	123.7	123.8	125.4	125.5	121.2	121.0

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

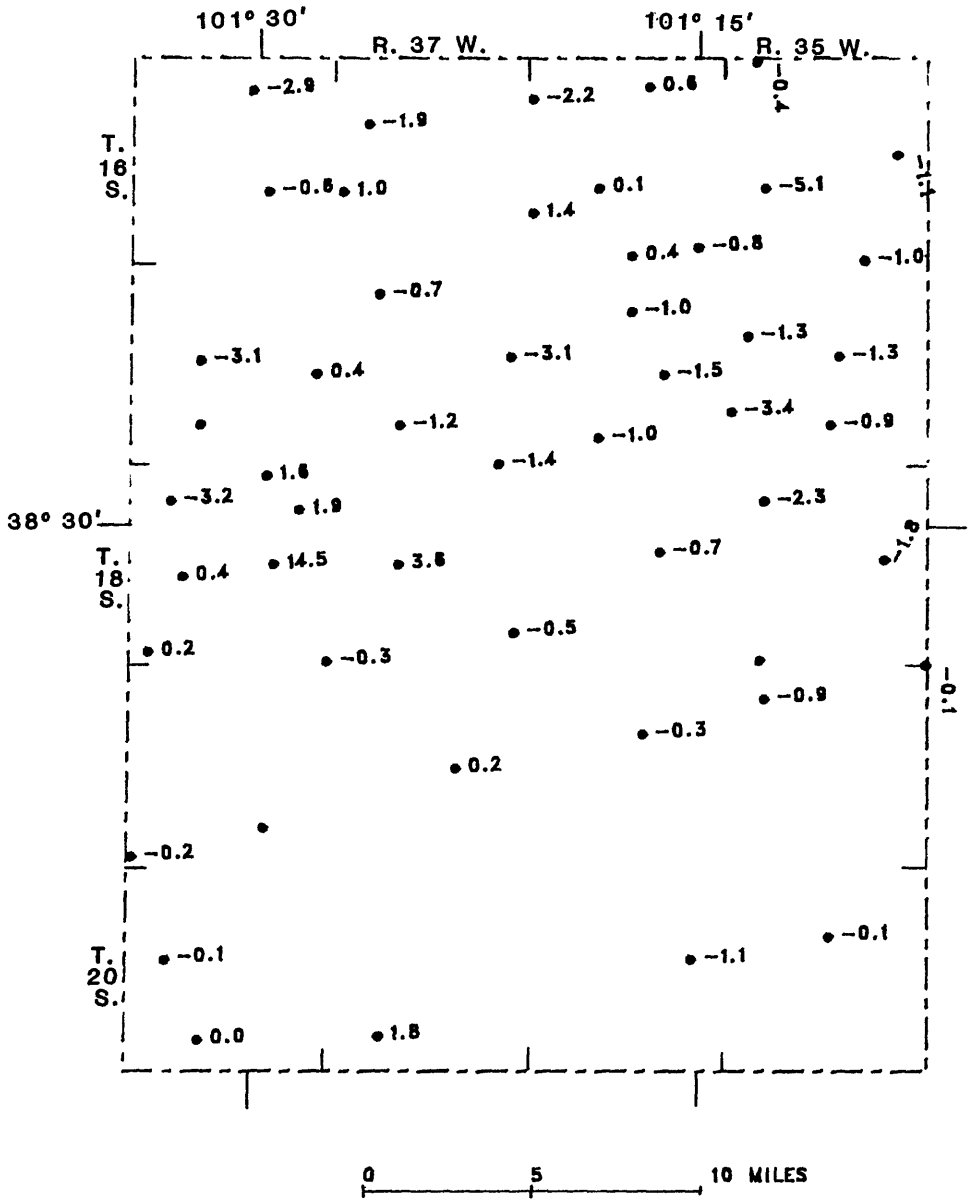
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)	DEPTH TO WATER 1984 (FEET)	DEPTH TO WATER 1985 (FEET)	DEPTH TO WATER 1986 (FEET)	DEPTH TO WATER 1987 (FEET)
18S 38W 36DDD 01	TO	3374.	129	78	82.4	82.8	83.0	83.1	83.1	83.7	83.8	84.1
19S 35W 01AAA 01	TO	3165.	134	83	100.2	114.5	114.0	115.3	115.0	116.0	115.4	115.5
19S 35W 08BBB 01	TO	3217.	135	85		96.3	97.1	95.2	95.9	95.9	96.0	96.9
19S 36W 15BAA 01	TO	3236.	112	71		78.4	77.9	77.3	78.6	78.9	78.8	79.1
19S 37W 22AAB 01	TO	3330.	138	98		107.0	102.8	102.8	101.8	101.0	100.6	100.4
19S 38W 26CCB 01	TO	3408.	173	96		107.4	103.2	102.7	101.6	102.4		99.0
19S 38W 31CBC 01	TO	3463.	205	140		141.7	138.8	139.5	139.1	139.7	139.0	139.2
20S 35W 15BBB 01	TO	3129.					68.0	68.0	68.2	68.0	68.1	68.2
20S 36W 14DAD 01	TO	3225.	108	94	94.2	97.4	96.8	98.4	96.8	96.8	98.2	99.3
20S 37W 29DCC 01	TO	3359.	139	98		110.4	112.9	110.7	110.4	110.3	107.4	105.6
20S 38W 17CBD 01	TO	3442.	232	135			142.0		141.3	141.3	141.1	141.2
20S 38W 33BBA 01	TO	3424.	205	126	134.0	141.2	141.3	140.6	140.4	140.6	139.7	139.7

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
16S 35W 06AAB 01	TO	83.2	-12	-1.7	-.4	-.3	-.1	47	35	-26
16S 35W 13CCC 01	TO	158.8	-41	-32.2	-1.1	-1.1	-1.5	52	11	-79
16S 35W 20CCC 01	TO	160.3	-57	-35.6	-5.1	-1.5	-1.7	86	29	-66
16S 36W 03DCC 01	TO	131.6	-45		.6	-1.2		51	6	-88
16S 36W 07BCB 01	TO	117.4	-37	-25.6	-2.2	-1.0	-1.2	60	23	-62
16S 36W 21CCC 01	TO	151.6	-68	-51.7	.1	-1.8	-2.5	121	53	-56
16S 36W 30CBC 01	TO	154.5	-68	-45.2	1.4	-1.8	-2.2	131	64	-51
16S 36W 34CCC 02	TO	137.9			.4					
16S 36W 36CBC 01	TO	135.1	-44	-29.7	-.8	-1.2	-1.4	109	65	-40
16S 37W 17BBB 01	TO	145.9	-60	-44.9	-1.9	-1.6	-2.1	108	48	-56
16S 37W 30BAB 01	TO	155.3			1.0					
16S 38W 10ABB 01	TO	146.4	-63	-50.0	-2.9	-1.7	-2.4	125	62	-50
16S 38W 26BBB 01	TO	141.2	-66	-29.2	-.6	-1.8	-1.4	122	56	-54
17S 35W 02BBB 01	TO	153.3	-44		-1.0	-1.2		80	36	-55
17S 35W 15CDC 01	TO	135.2	-37	-25.2	-1.3	-1.0	-1.2	106	69	-35
17S 35W 18ACB 01	TO	146.0	-49	-35.2	-1.3	-1.3	-1.7	98	49	-50
17S 35W 27CCC 01	TO	144.5	-54	-34.9	-.9	-1.5	-1.7	119	66	-45
17S 35W 30CBB 01	TO	163.6	-70	-37.0	-3.4	-1.9	-1.8	124	54	-56
17S 36W 10CBB 01	QA,TO	61.0	-32		-1.0	-.9		68	36	-47
17S 36W 23BCC 01	TO	156.8	-57	-31.5	-1.5	-1.5	-1.5	128	71	-45
17S 36W 33BCB 01	TO	146.0	-48	-32.7	-1.0	-1.3	-1.6	110	62	-44
17S 37W 08BAA 01	TO	134.1	-50	-32.9	-.7	-1.4	-1.6	112	62	-45
17S 37W 13CDD 01	TO	110.8	-41		-3.1	-1.1		105	64	-39
17S 37W 28CCC 01	TO	138.2	-53	-39.8	-1.2	-1.4	-1.9	105	52	-50
17S 38W 21BBB 01	TO	129.5	-30	-29.1	-3.1	-.8	-1.4	65	36	-45
17S 38W 24ACC 01	TO	132.3	-46	-27.8	.4	-1.2	-1.3	124	78	-37
17S 38W 28CCC 01	TO									
18S 35W 08BBC 02	TO	137.0	-55		-2.3	-1.5		104	49	-53
18S 35W 14DCD 01	TO	115.8	-36	-24.7	-1.8	-1.0	-1.2	57	21	-63
18S 35W 31DDD 01	TO									
18S 36W 15DAD 01	TO	88.3	-28		-.7	-.8		105	77	-27
18S 37W 01BBB 01	TO	139.7	-60	-31.3	-1.4	-1.6	-1.5	94	34	-64
18S 37W 21BBB 01	TO	158.1	-73	-44.5	3.6	-2.0	-2.1	90	17	-81
18S 37W 36ABB 01	TO	108.8	-33	-19.5	-.5	-.9	-.9	79	46	-42
18S 38W 02BCC 01	TO	151.4	-56	-35.7	1.6	-1.5	-1.7	104	48	-54
18S 38W 08BBD 01	TO	132.4	-50		-3.2	-1.4		100	50	-50
18S 38W 12BCC 01	TO	160.0	-69	-42.6	1.9	-1.9	-2.0	111	42	-62
18S 38W 20ACC 02	TO	130.3	-40	-21.6	.4	-1.1	-1.0	79	39	-51
18S 38W 23BAB 01	QA,TO	25.7	-3		14.5	-.1		85	82	-4
18S 38W 31DBC 01	TO	121.0	-12	-12.3	.2	-.3	-.6	39	27	-31

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1987 (FEET)	WATER-LEVEL CHANGE 1950-87 (FEET)	WATER-LEVEL CHANGE 1966-87 (FEET)	WATER-LEVEL CHANGE 1986-87 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-87 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-87 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1987 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-87
18S 38W 36DDD 01	TO	84.1	-6	-1.7	-.3	-.2	-.1	51	45	-12
19S 35W 01AAA 01	TO	115.5	-33	-15.3	-.1	-.9	-.7	51	19	-63
19S 35W 08BBB 01	TO	96.9	-12		-.9	-.3		50	38	-24
19S 36W 15BAA 01	TO	79.1	-8		-.3	-.2		41	33	-20
19S 37W 22AAB 01	TO	100.4	-2		.2	-.1		40	38	-5
19S 38W 26CCB 01	TO	99.0	-3			-.1		77	74	-4
19S 38W 31CBC 01	TO	139.2	1		-.2			65	66	2
20S 35W 15BBB 01	TO	68.2			-.1					
20S 36W 14DAD 01	TO	99.3	-5	-5.1	-1.1	-.1	-.2	14	9	-36
20S 37W 29DCC 01	TO	105.6	-8		1.8	-.2		41	33	-20
20S 38W 17CBD 01	TO	141.2	-6		-.1	-.2		97	91	-6
20S 38W 33BBA 01	TO	139.7	-14	-5.7	0.0	-.4	-.3	79	65	-18



WATER–LEVEL CHANGE IN WICHITA COUNTY, 1986–87