

JANUARY 1983 WATER LEVELS, AND DATA RELATED TO
WATER-LEVEL CHANGES, WESTERN AND SOUTH-CENTRAL KANSAS

By M. E. Pabst

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UNITED STATES DEPARTMENT OF THE INTERIOR

JAMES G. WATT, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information
write to:

District Chief
U.S. Geological Survey
1950 Constant Avenue - Campus West
University of Kansas
Lawrence, Kansas 66044-3897
[Telephone: (913) 864-4321]

Copies of this report
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CONVERSION TABLE

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

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

Land-surface altitude given in this report is measured in feet above the National Geodetic Vertical Datum of 1929 (formerly mean sea level).

JANUARY 1983 WATER LEVELS, AND DATA RELATED TO
WATER-LEVEL CHANGES, WESTERN AND SOUTH-CENTRAL KANSAS

By

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INTRODUCTION

This report provides hydrologic data related to water-level measurements made in about 1,540 observation wells in western and south-central Kansas during January and February 1983. Annual water-level measurements are made by personnel from the Kansas State Board of Agriculture and the U.S. Geological Survey. State-agency support for this cooperative program is provided by the Kansas Geological Survey.

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

Hydrologic data in this report relate water-level changes from: (1) a "base-reference year" (predevelopment year), (2) a year of abnormally high rainfall and minimum pumpage (1966 or 1974), and (3) each of 7 consecutive years of measurement (1977-83). The "base-reference year" is designated as 1940 for the southwestern area, 1944 for the south-central area, and 1950 for the northwestern and west-central areas (fig. 1). Water levels for the "base-reference year" are established by measurements made during that year and by interpretation of maps showing water-level altitudes. Depth to bedrock, used in computing saturated thickness of water-bearing deposits, are based on driller's logs, reported depths of wells, and interpretations of maps showing the altitude of the bedrock surface.

Tables in the report show: (1) well number; (2) principal geologic unit; (3) land-surface altitude of well; (4) depth to bedrock; (5) depths to water during either 1940, 1944, or 1950 (predevelopment years), during either 1966 or 1974, and during each year from 1977 through 1983; (6) water-level changes from either 1940-83, 1944-83, or 1950-83, from either 1966-83 or 1974-83, and from 1982-83; and (7) average annual water-level changes from either 1940-83, 1944-83, or 1950-83, and from either 1966-83 or 1974-83. Also shown are saturated thicknesses of the water-bearing deposits during either 1940, 1944, or 1950, and during 1983, as well as the percentage change in saturated thickness from either 1940-83, 1944-83, or 1950-83.

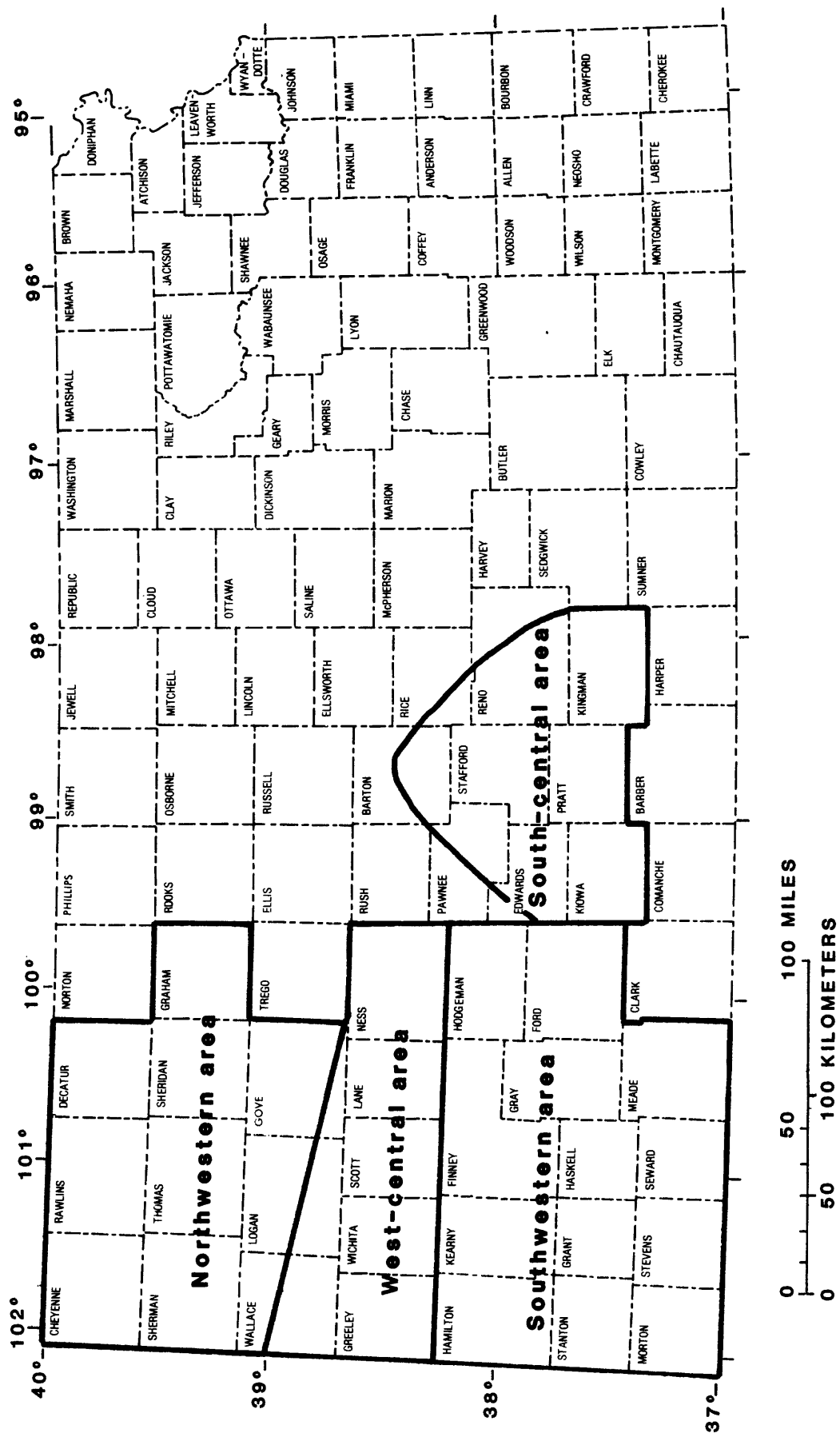


Figure 1.--Location of reported areas.

County maps in the report show the location of wells in the water-level observation network and the 1982-83 water-level change, in feet. A minus (-) sign preceding the number indicates a water-level decline; no sign indicates a water-level rise.

As an indicator of water-level trends, average water-level changes for the four reported areas (fig. 1) were computed for various time intervals. These average changes are computed only from the wells measured for the given time interval and do not represent an area-weighted average of water-level changes. In northwestern Kansas, the average water-level rise was 0.9 foot during 1982, and the average decline was 0.3 foot during 1981. The average annual water-level decline was 0.6 foot for the 17-year period from 1966 to 1982. In west-central Kansas, the average decline was 0.2 foot during 1982, and 1.3 feet during 1981. For 1966-82, the average annual decline was 1.6 feet. In southwestern Kansas, the average water-level decline was 1.8 feet during 1982, and 1.3 feet during 1981. The average annual decline was 1.8 feet during 1966-82. In south-central Kansas, the average water-level decline was 0.8 foot during 1982, and 0.1 foot during 1981. The average annual decline was 0.7 foot during 1974-82. Water levels declined an average of 0.5 foot during 1982 throughout western and south-central Kansas.

Wells in this report are numbered according to the U.S. Bureau of Land Management's system of land subdivision. In this system, the first set of digits of a well number indicates the township; the second set, the range east or west of the Sixth Principal Meridian; and the third set, the section in which the well is situated. The first letter denotes the quarter section or 160-acre tract within the section; the second, the quarter-quarter section or 40-acre tract; and the third, the quarter-quarter-quarter section or 10-acre tract. The letters are designated A, B, C, and D in a counterclockwise direction beginning in the northeast quadrant. Because there may be more than one well in a 10-acre tract, consecutive numbers, beginning with "01", are added in the order in which data from the wells were collected. Thus, in Greeley County, the number 18S 39W 07BBD 01 indicates that the well is in the SE1/4NW1/4NW1/4 sec. 7, T. 18 S., R. 39 W. (fig. 2).

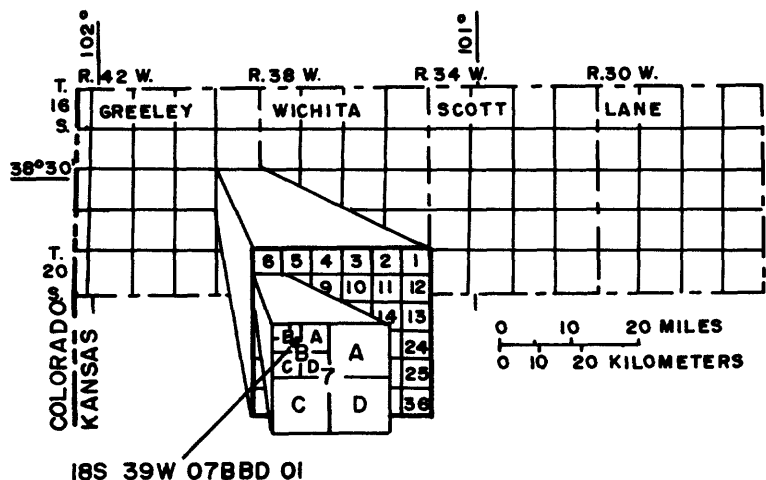


Figure 2.--Well-numbering system.

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

PUBLICATIONS CONTAINING WATER-LEVEL DATA FOR KANSAS

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

Year	Water-Supply Paper number*	Year	Water-Supply Paper number*
1935	777	1948	1128
1936	817	1949	1158
1937	840	1950	1167
1938	845	1951	1193
1939	886	1952	1223
1940	908	1953	1267
1941	938	1954	1323
1942	946	1955	1406
1943	988	1956	1456
1944	1018	1957-61	1781
1945	1025	1962-66	1976
1946	1073	1966-71	2090
1947	1098		

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

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

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

* May be purchased from the Publications Sales Office, Kansas Geological Survey, University of Kansas, Lawrence, Kansas 66044.

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

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

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

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.

Pabst, M. E., and Gutentag, E. D., 1977, Water-level changes in west-central Kansas, 1950-77: Kansas Geological Survey Journal, October 1977, 18 p.

____ 1979, Water-level changes in southwestern Kansas, 1940-78: Kansas Geological Survey Journal, May 1979, 29 p.

Pabst, M. E., and Jenkins, E. D., 1973, Water-level changes in northwestern Kansas, 1950-73: Kansas Geological Survey Journal, October 1973, 14 p.

____ 1974, Water-level changes in west-central Kansas, 1950-74: Kansas Geological Survey Journal, October 1974, 15 p.

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

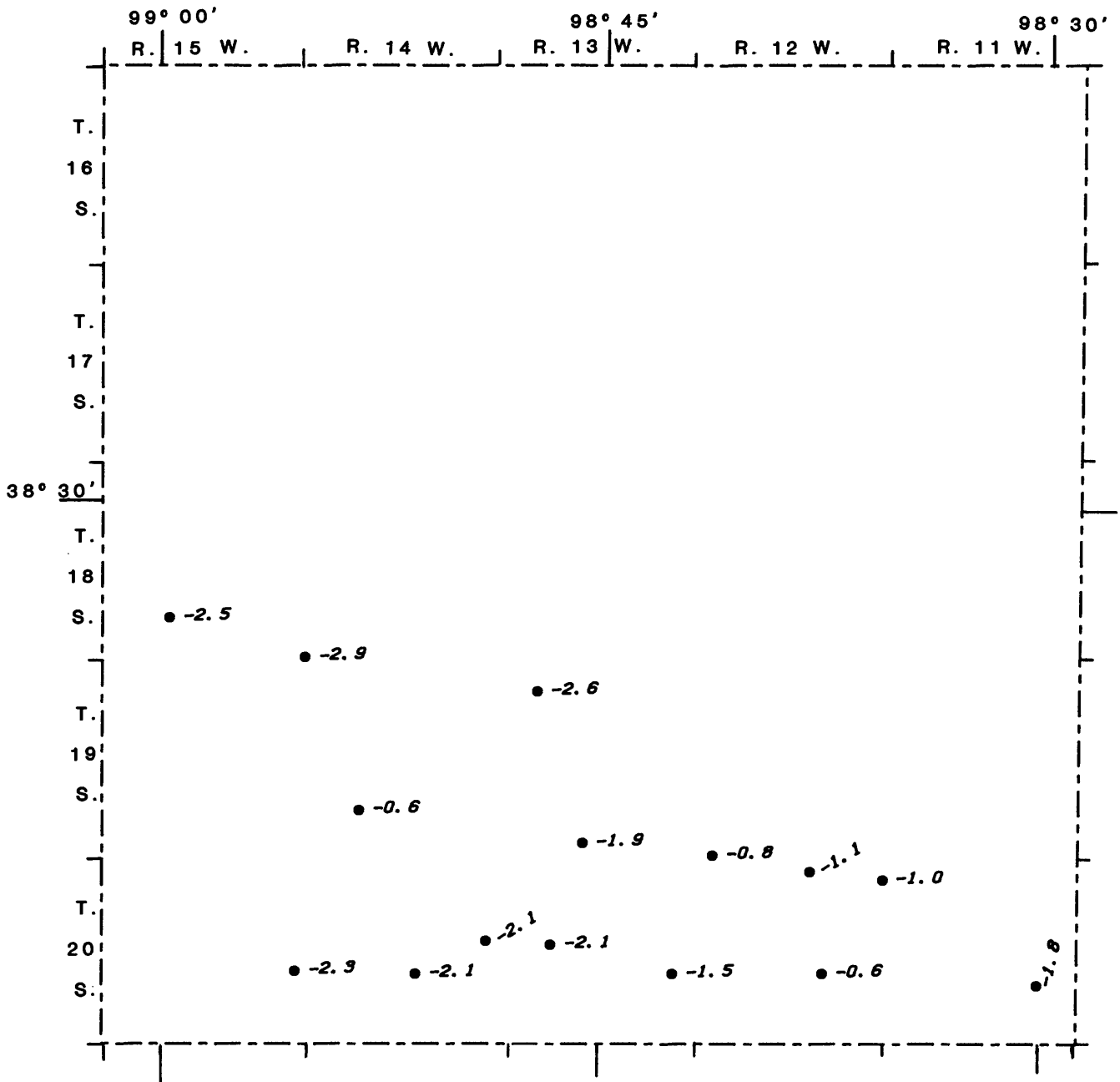
____ 1976b, Water-level changes in northwestern Kansas, 1950-76: Kansas Geological Survey Journal, December 1976, 20 p.

TABLE 1.-- SELECTED HYDROLOGIC DATA, BARTON COUNTY

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
18S 15W 28CCC 03	QA	1912.		9		15.9	15.5	18.8	19.2	21.0	18.2	20.7
19S 13W 08BAD 01		1855.		11					19.8	20.8	17.8	20.4
19S 13W 33D08 01	QA	1847.			4.4				8.8	9.5	7.9	9.8
19S 14W 06888 01		1895.		13					16.6	19.1	16.4	19.3
19S 14W 29D0R 01		1895.		20					26.5	27.7	26.9	27.5
20S 11W 06CCC 01	QA	1788.		9	5.6				10.0	10.4	9.5	10.5
20S 11W 26AAC 01	QU	1752.		3	1.6				10.0		8.8	10.6
20S 12W 03DAC 01		1799.		2	1.3				7.2	7.6	6.7	7.8
20S 12W 06AAC 01	QU	1822.		7	5.1				8.5	9.6	9.0	9.8
20S 12W 23CCA 01	QU	1814.		11	3.7				14.4	15.5	15.1	15.7
20S 13W 17DDC 01	QU	1876.		11	7.2				16.1	17.3	14.2	16.3
20S 13W 24DCB 01	QU	1850.		12	9.6				19.1	19.8	19.4	20.9
20S 14W 13D08 01		1880.		5	11.5				19.6	20.3	17.6	19.7
20S 14W 22DCB 01		1897.		6	6.5				13.7	14.4	11.6	13.7
20S 15W 24D8D 01		1915.		10					13.7	14.7	11.5	13.8

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
18S 15W 28CCC 03	QA	20.7	-12		-2.5	-0.3				
19S 13W 08BAD 01		20.4	-9		-2.6	-0.2				
19S 13W 330DB 01	QA	9.8		-5.4	-1.9		-0.6			
19S 14W 0688B 01		19.3	-6		-2.9	-0.2				
19S 14W 290DB 01		27.5	-8		-0.6	-0.2				
20S 11W 06CCC 01	QA	10.5	-2	-4.9	-1.0	-0.1	-0.5			
20S 11W 26AAC 01	QU	10.6	-8	-9.0	-1.8	-0.2	-1.0			
20S 12W 03DAC 01		7.8	-6	-6.5	-1.1	-0.2	-0.7			
20S 12W 06AAC 01	QU	9.8	-3	-4.7	-0.8	-0.1	-0.5			
20S 12W 23CCA 01	QU	15.7	-5	-12.0	-0.6	-0.1	-1.3			
20S 13W 170DC 01	QU	16.3	-5	-9.1	-2.1	-0.1	-1.0			
20S 13W 24DCB 01	QU	20.9	-9	-11.3	-1.5	-0.2	-1.3			
20S 14W 130DB 01		19.7	-15	-8.2	-2.1	-0.4	-0.9			
20S 14W 22DCB 01		13.7	-8	-7.2	-2.1	-0.2	-0.8			
20S 15W 240SD 01		13.8	-4		-2.3	-0.1				



WATER-LEVEL CHANGE IN BARTON COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983			
01S 38W 02CDC 01	QA	3034.	41	23	22.6	25.8	25.1	26.0	25.1	24.3	23.6	23.6	23.6		
01S 38W 08DCC 01	QA	3057.	33	12	12.3	15.5	14.4	15.9	13.8	13.7	13.3	13.3	13.3		
01S 38W 30BDC 01	QA	3090.	28	7	8.0	15.7	9.9	10.2	10.1	9.8	8.6	8.5	8.5		
01S 39W 25CBC 01	QA	3102.	26	7	8.5	10.0	9.9	10.4	10.2	10.2	9.8	9.3	9.3		
02S 39W 27BBB 01	QA	3235.	28	18	17.8	18.9	18.3	19.1	18.5	19.0	16.8	18.0	18.0		
02S 40W 2808A 01	TO	3452.	140	112	112.5	112.5	112.5	112.8	113.2	113.5	112.0	110.9	110.9		
02S 41W 2788D 01	TO	3620.	242	200	198.6	215.2	200.7	218.6	201.0	201.0	237.7	236.8	236.8		
02S 41W 330BC 01	TO	3650.	288	235	235.2	232.1	238.0	238.4	237.9	232.5	233.0	232.7	232.7		
02S 42W 140DD 01	TO	3693.	248	232	231.8	232.1	232.4	232.5	229.4	228.8	229.2	229.3	229.3		
03S 37W 1988C 01	TO	3468.	325	215	219.8	227.0	228.1	229.3	229.4	228.8	229.2	229.3	229.3		
03S 37W 210DD 01	TO	3422.	312	194	182.0	201.9	197.7	205.7	217.5	218.2	218.7	222.7	222.7		
03S 37W 364DB 01	TO	3381.	300	175	140.4	148.8	141.8	144.1	141.9	141.8	200.9	199.1	199.1		
03S 39W 20DAC 01	TO	3450.	199	130	140.4	148.8	141.8	144.1	141.9	141.8	200.9	199.1	199.1		
03S 39W 240DD 01	TO	3505.	275	205	153.6	160.9	155.9	156.8	153.2	154.2	153.4	153.4	153.4		
03S 39W 328DB 01	TO	3490.	223	150	153.6	160.9	155.9	156.8	153.2	154.2	153.4	153.4	153.4		
03S 40W 098AA 02	QA,TO	3358.	22	20	19.9	19.6	20.4	20.3	20.5	20.5	20.5	20.1	20.1		
03S 40W 228CA 01	QA	3277.	18	7	6.7	6.8	6.5	7.1	6.1	6.2	5.8	5.8	5.8		
03S 40W 28C8B 01	QA	3308.	26	10	8.7	12.1	12.3	12.8	11.3	11.3	10.7	10.7	10.7		
03S 40W 35AAC 01	TO	3445.	144	95	96.1	100.1	100.5	101.0	100.9	101.2	100.6	99.5	99.5		
03S 41W 16AAC 01	TO	3570.	174	136	136.2	138.2	135.7	135.7	134.0	134.3	132.3	131.8	131.8		
03S 41W 33A8B 01	TO	3594.	184	164	142.9	157.4	139.7	141.5	148.0	150.4	145.1	139.7	139.7		
03S 42W 04AAA 01	TO	3727.	255	177	187.9	201.8	199.6	200.8	200.2	200.9	196.5	195.9	195.9		
04S 37W 148AB 01	TO	3405.	305	177	141.5	153.3	148.8	199.6	195.3	151.1	151.7	151.4	151.4		
04S 37W 17AAC 01	TO	3446.	325	187	141.5	153.3	148.8	199.6	195.3	151.1	151.7	151.4	151.4		
04S 37W 250CA 01	TO	3374.	284	147	141.5	153.3	148.8	199.6	195.3	151.1	151.7	151.4	151.4		
04S 38W 04BAC 01	TO	3509.	327	207	207.0	217.2	212.2	213.5	213.6	215.4	216.5	216.6	216.6		
04S 38W 20CCC 01	TO	3485.	297	151	149.5	152.9	153.6	154.6	155.2	155.6	155.9	156.2	156.2		
04S 38W 21ADC 01	TO	3491.	316	178	188.0	195.5	180.8	183.0	183.2	185.9	185.1	184.3	184.3		
04S 39W 020BC 01	TO	3525.	308	192	196.4	200.3	199.6	202.8	200.8	200.8	202.3	201.8	201.8		
04S 39W 15CCA 01	TO	3492.	275	136	142.9	157.4	139.7	141.5	148.0	150.4	145.1	139.7	139.7		
04S 39W 18CAB 01	TO	3530.	269	153	156.7	156.7	156.6	157.5	157.0	156.9	156.4	156.7	156.7		
04S 39W 27CCA 01	TO	3502.	265	130	129.4	129.4	133.6	135.0	135.6	135.4	135.0	135.4	135.4		
04S 40W 228CB 01	TO	3520.	215	123	123.9	124.7	124.8	125.1	125.2	126.7	126.7	125.2	125.2		
04S 41W 16DAA 01	QA	3403.	38	13	14.2	16.1	15.9	16.3	16.0	15.8	15.4	15.0	15.0		
04S 41W 258CB 01	TO	3571.	211	141	139.6	142.3	141.4	141.6	141.9	142.1	142.4	142.4	142.4		
04S 41W 31ACA 01	TO	3552.	142	94	94.0	96.2	96.9	97.6	97.9	98.7	98.4	96.9	96.9		
04S 42W 2680B 01	QA,TO	3487.	56	18	22.1	19.8	18.5	18.5	18.8	18.6	18.5	18.4	18.4		
05S 37W 1508B 01	TO	3397.	297	137	136.4	153.3	151.1	152.7	151.1	152.1	151.1	148.5	148.5		
05S 38W 138AC 01	TO	3390.	220	74	72.5	81.2	76.1	77.6	77.7	77.5	77.8	77.9	77.9		
05S 38W 22ACB 01	TO	3437.	270	90	90.6	95.9	94.5	98.4	96.9	97.6	95.6	94.4	94.4		

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

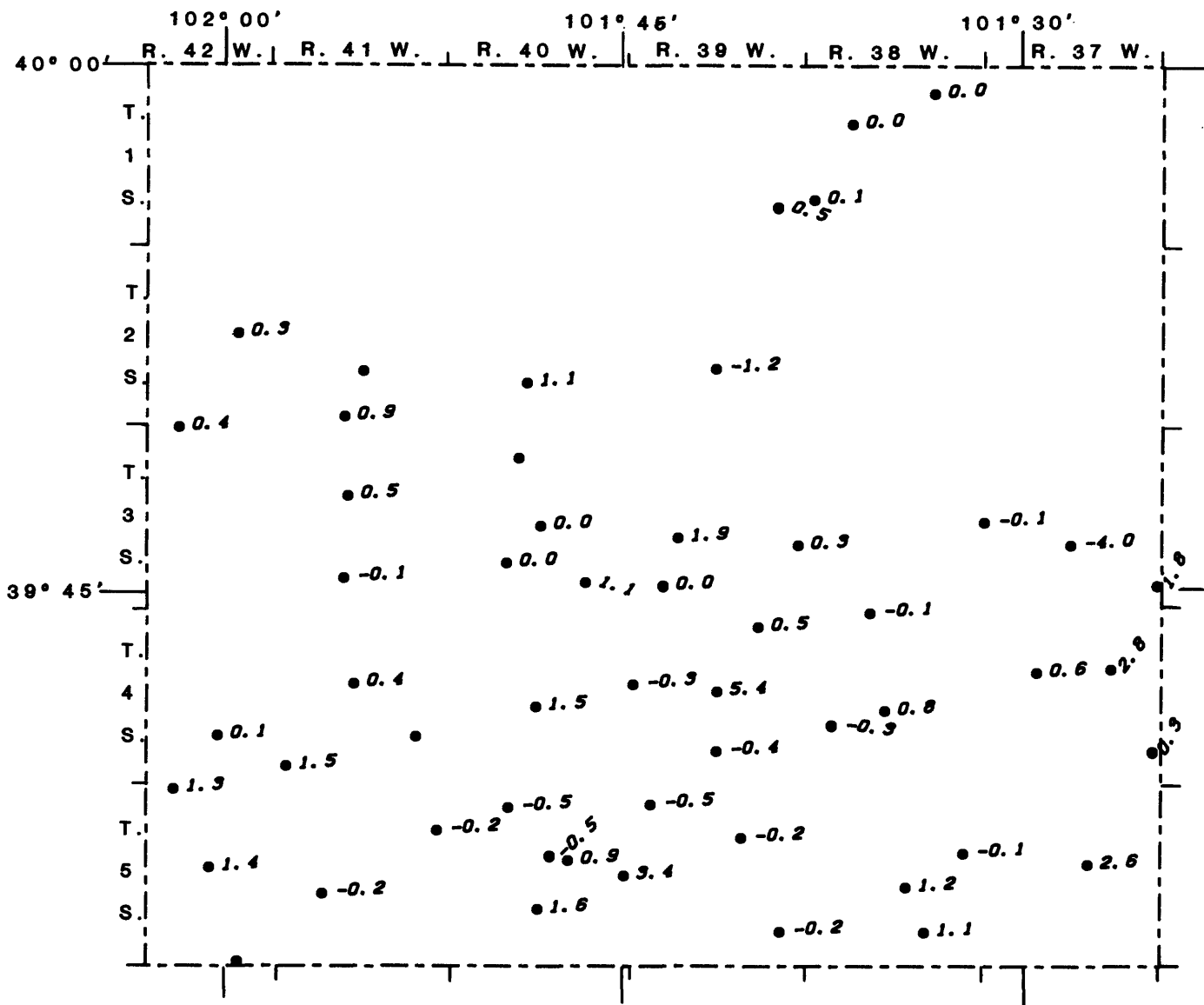
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983			
OSS 39W 26CCA 01	T0	3460.	285	111.7	122.0	116.7	118.6	118.4	117.7	117.4	116.3				
OSS 39W 06DAA 01									208.6	209.7	210.2				
OSS 39W 11CBC 01	T0	3530.	291	140.1	149.5	146.3	150.3	149.9	152.6	149.0	149.2				
OSS 39W 18CCC 01	T0	3630.	325	185	212.5	218.3	218.3	219.8	216.1	218.1	214.7				
OSS 39W 25CDA 01	T0	3533.	295	125.0	136.8	128.9	130.4	131.5	132.1	132.3	132.5				
OSS 40W 04CBD 01	T0	3653.	330	200.8	207.5	206.7	208.8		207.9	209.4	209.9				
OSS 40W 14BCD 01	T0	3645.	325	212.3	217.1	216.4	216.4		222.4	221.5	221.5				
OSS 40W 15ACB 01	T0	3650.	332	189.1	211.8	210.9	216.7	219.6	226.2	226.4	228.9				
OSS 40W 27BBA 01	T0	3658.	324	199.5	199.6	199.6	204.0	205.7	204.2	206.7	205.1				
OSS 41W 12ADC 01	T0	3679.	313	198.3	207.1	207.2	209.8	212.4	211.9	213.2	213.4				
OSS 41W 20DAA 01	T0	3742.	309	211.6	223.4	223.0	225.0	226.2	225.4	227.8	228.0				
OSS 42W 04AAB 01	QA,T0	3515.	85	16.1	18.1	17.9	18.8	18.2	17.9	18.0	16.7				
OSS 42W 14CBC 01	T0	3687.	215	147.5	165.6	154.3	156.0	153.6	153.6	155.8	154.4				
OSS 42W 36CCB 01	T0	3800.	305	203.6	209.2	209.6	211.5	213.0	212.8						

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
01S 38W 02CDC 01	QA	23.6	-1	-1.0	0.0			18		18	17	-6
01S 38W 08DCC 01	QA	13.3	-1	-1.0	0.0			21		21	20	-5
01S 38W 30BDC 01	QA	8.5	-2	-0.5	.1			20		21	20	-5
01S 39W 25C8C 01	QA	9.3	-2	-0.7	.5			19		19	17	-11
02S 39W 2788B 01	QA	18.0		-0.2	-1.2			10		10	10	
02S 40W 28DBA 01	TO	110.9	1	1.7	1.1			28		28	29	4
02S 41W 2788D 01	TO	200.5	-1	-1.9				42		42	42	
02S 41W 33D8C 01	TO	236.8	-2	-1.6	.9			53		53	51	-4
02S 42W 140DD 01	TO	232.7	-1	-0.9	.3			16		16	15	-6
03S 37W 1988C 01	TO	229.3	-14	-9.4	-0.1			110		110	96	-13
03S 37W 210DD 01	TO	222.7	-29	-4.0				118		118	89	-25
03S 37W 36ADB 01	TO	199.1	-24	-17.0	1.8			125		125	101	-19
03S 39W 20DAC 01	TO	139.3	-9	1.2	1.9			69		69	60	-13
03S 39W 240DD 01	TO	220.3	-15		.3			70		70	55	-21
03S 39W 328DB 01	TO	153.4	-3	.2	0.0			73		73	70	-4
03S 40W 098AA 02	QA,TO	20.1		-0.2				2		2	2	
03S 40W 228CA 01	QA	5.8	1	1.0	0.0			11		11	12	9
03S 40W 28C8B 01	QA	10.7	-1	-2.0	0.0			16		16	15	-6
03S 40W 35AAC 01	TO	99.5	-5	-3.3	1.1			49		49	45	-8
03S 41W 16AAC 01	TO	131.8	4	4.4	.5			38		38	42	11
03S 41W 33ABB 01	TO	164.8	-1		-0.1			20		20	19	-5
03S 42W 04AAA 01	TO	230.8	-1		.4			25		25	24	-4
04S 37W 14BAB 01	TO	197.7	-21	2.8	2.8			128		128	107	-16
04S 37W 17AAC 01	TO	195.9	-9	-8.0	.6			138		138	129	-7
04S 37W 25DCA 01	TO	151.4	-4	-9.9	.3			137		137	133	-3
04S 38W 04BAC 01	TO	216.6	-10	-9.6	-0.1			120		120	110	-8
04S 38W 20CCC 01	TO	156.2	-5	-6.6	-0.3			146		146	141	-3
04S 38W 21ADC 01	TO	184.3	-6	3.7	.8			138		138	132	-4
04S 39W 02DBC 01	TO	201.8	-10	-5.4	.5			116		116	106	-9
04S 39W 15CCA 01	TO	139.7	-4	3.2	5.4			139		139	135	-3
04S 39W 18CAB 01	TO	156.7	-4		-0.3			116		116	112	-3
04S 39W 27CCA 01	TO	135.4	-5	-5.9	-0.4			135		135	130	-4
04S 40W 228CB 01	TO	125.2	-2	-1.3	1.5			92		92	90	-2
04S 41W 16DAA 01	QA	15.0	-2	-0.8	.4			25		25	23	-8
04S 41W 258CB 01	TO											
04S 41W 31ACA 01	TO	96.9	-3	-2.9	1.5			48		48	45	-6
04S 42W 268DB 01	QA,TO	18.4		3.8	.1			38		38	38	
05S 37W 150BB 01	TO	148.5	-12	-12.1	2.6			160		160	149	-7
05S 38W 13BAD 01	TO	77.9	-4	-5.3	-0.1			146		146	142	-3
05S 38W 22ACB 01	TO	94.4	-4	-3.8	1.2			180		180	176	-2

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
055 38W 26CCA 01	T0	116.3	-4	-4.6	1.1	-.1	-.3	173	169	-2
055 39W 06DAA 01	T0	210.2	-9	-9.1	-.2	-.3	-.5	151	142	-6
055 39W 11CBC 01	T0	149.2	-30	-7.5	3.4	-.9	-.4	140	110	-21
055 39W 18CCC 01	T0	214.7	-6	-7.5	-.2	-.2	-.4	168	163	-3
055 39W 25CDA 01	T0	132.5	-10	-9.1	-.5	-.3	-.5	130	120	-8
055 40W 04CBD 01	T0	209.9	-35	-39.8	-.9	-1.1	-2.3	138	104	-25
055 40W 148CD 01	T0	221.5	-39	-39.8	-.5	-1.2	-2.3	142	103	-27
055 40W 15ACB 01	T0	228.9	-32	-15.1	1.6	-1.0	-.9	151	119	-21
055 40W 278BA 01	T0	205.1	-15	-15.1	-.2	-.5	-.9	115	100	-13
055 41W 12ADC 01	T0	213.4	-21	-16.3	-.2	-.6	-1.0	102	81	-21
055 41W 20DAA 01	T0	228.0	-2	-.5	1.3	-.1	-.4	70	68	-3
055 42W 04AAB 01	QA,T0	16.7	-9	-6.9	-.4	-.3	-.4	70	61	-13
055 42W 14CBC 01	T0	154.4								
055 42W 36CCB 01	T0									



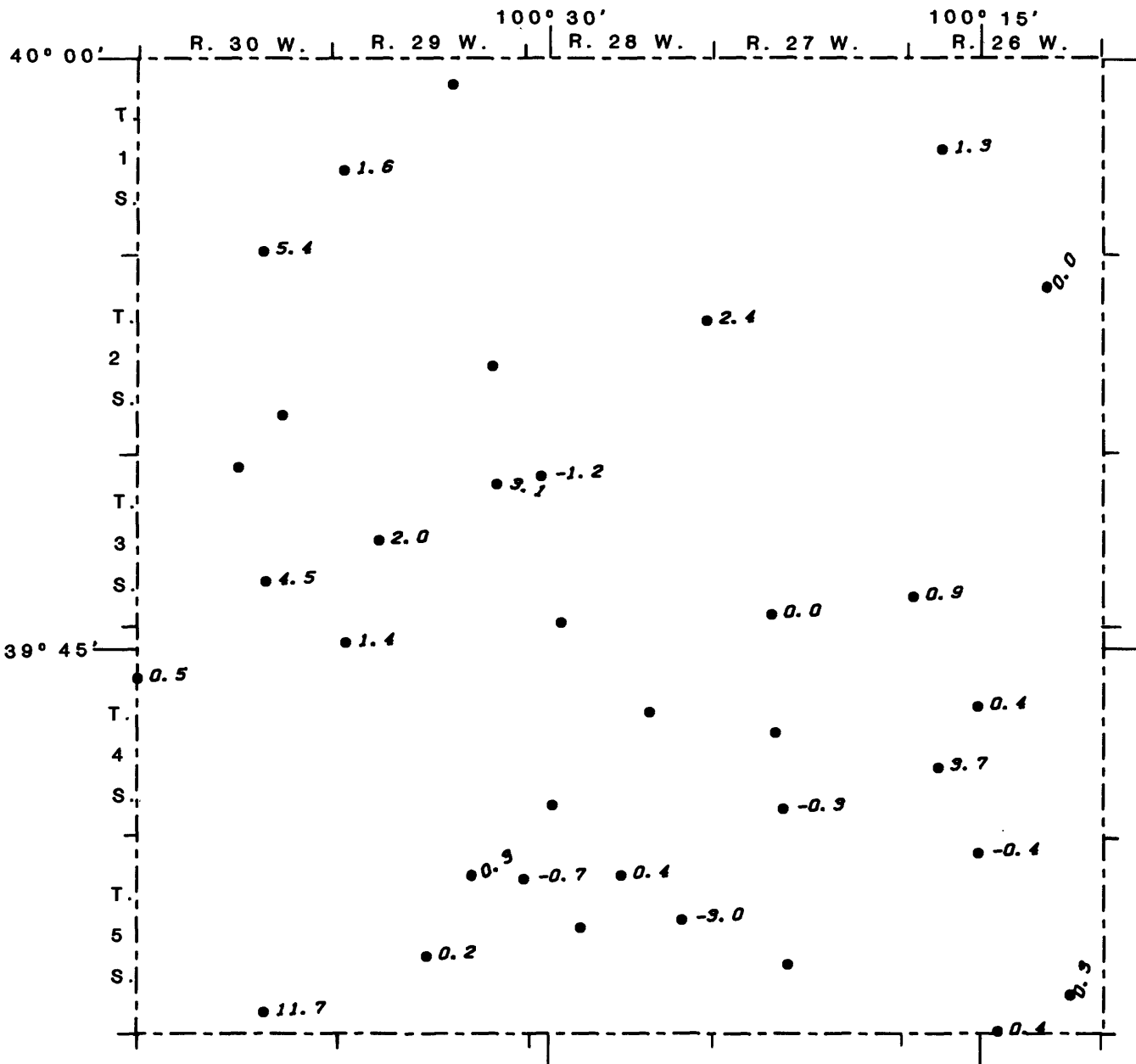
WATER-LEVEL CHANGE IN CHEYENNE COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)
				1950	1966	1977	1978	1979	1980	1981	1982	1983	
01S 26W 1800B 01	QA	2413.	59	28	26.4	30.2	22.0	21.5	30.9	31.5	31.7	30.4	
01S 29W 3000B 01	QA	2539.	45	23	23.0	29.8	28.5	30.5	30.9	31.6	31.7	30.4	
01S 29W 1980D 01	QA	2572.	53	10	10.9	20.8	15.3	22.4	22.7	24.1	23.0	21.4	
01S 30W 3400D 01	QA	2610.	60	20	21.5	32.4	30.3	33.0	34.1	35.1	32.8	27.4	
02S 26W 1188A 01	TO	2509.	110	85	87.3	86.2	87.6	85.9	86.0	85.2	86.1	86.1	
02S 28W 1388A 01		2487.	58	27	26.2	28.9	27.5	30.7	27.9	29.9	30.3	27.9	
02S 29W 248CC 01	TO	2682.	124	100	96.6	96.6	96.4	95.5	94.4	94.8	97.0		
02S 30W 260CC 01	TO	2835.	226	125	139.1	139.1	137.1	137.1	137.2	137.2	136.7		
03S 26W 30C8B 02	TO	2610.	142	119	119.4	126.4	132.1	126.0	126.1	126.0	125.9	125.0	
03S 27W 3288A 01	TO	2637.	120	74	74.8	74.7	76.6	73.6	73.5	73.0	73.0	73.0	
03S 28W 060CB 01	QA	2571.	55	34	25.6	33.1	39.5	43.4	43.7	44.9	46.3	47.5	
03S 28W 328CA 01	QA	2749.	180	133	133.6	134.7	132.6	132.6	141.1	142.7	142.2		
03S 29W 1288A 01	QA	2556.	55	26	24.9	27.0	28.6	30.7	30.8	31.8	31.5	28.4	
03S 29W 170CB 01	QA, TO	2587.	50	19	20.0	22.4	23.0	25.5	24.2	24.6	24.3	22.3	
03S 29W 310CC 01	QA	2633.	38	20	20.3	24.0	22.5	24.8	25.9	26.9	26.9	25.5	
03S 30W 03C8A 01	TO	2807.	177	96	98.6		11.0	12.2	11.5	101.1		95.4	
03S 30W 2688B 01	QA	2629.	49	7	10.2	12.4	28.7	29.0	29.7	31.9	30.1	5.8	
04S 26W 080DD 01	QA	2455.	70	26	28.7	31.2	28.7	19.0	18.2	17.2	20.7	17.0	
04S 26W 190CA 01	QA	2454.	37	14	14.0	17.7	104.4	105.3	105.0	105.2		105.7	
04S 27W 170AC 01	TO	2648.	162	105	103.8	105.9	104.4	105.3	105.0	105.2			
04S 27W 3388B 01	QA	2528.	54	13	16.0	18.2	16.6	18.8	18.1	19.5	18.7	19.0	
04S 28W 1588A 01	TO	2700.	130	92	94.1	95.0	93.8	92.7	92.4	92.2			
04S 28W 300DD 01	TO	2726.	110	92	92.7	13.6	91.7	91.3	92.4	91.2		92.6	
04S 30W 0788B 01	QA	2697.	21	7	7.3	13.6	14.2	14.2	13.8	15.3	12.6	12.1	
03S 26W 05ADD 01	TO	2607.	170	128	128.9	128.4	134.1	127.6	128.5	127.6	127.8	128.2	
05S 26W 2600A 01	QA	2437.	74	26	22.4	23.0	22.2	23.1	23.7	23.6	23.4	23.1	
05S 26W 330CC 01	QA	2475.	60	20	18.2	18.3	17.6	18.5	18.2	18.9	19.8	19.4	
05S 27W 21CCA 01	TO	2675.	103	103	104.2	103.8	103.4	103.9	103.9	98.7	103.8		
05S 28W 0788C 01	QA	2644.	52	19	19.9	17.2	16.4	19.2	18.3	20.0	20.5	21.2	
03S 28W 1088B 01	QA	2600.	47	12	8.0	11.2	9.2	11.2	10.9	10.9	10.0	9.6	
05S 28W 14ADD 01	TO	2723.	160	133	135.0	135.7	134.6	134.5	134.0	134.5	134.5	137.5	
05S 28W 170AC 01	TO	2734.	124	102	102.3	102.6	101.4	101.4	102.2	101.7			
05S 29W 1188A 01	QA	2670.	42	10	12.3	13.1	12.6	12.8	11.7	13.1	13.0	12.7	
05S 29W 22C8B 01	QA	2686.	46	11	12.6	13.0	14.8	13.3	14.5	15.8	14.3	14.1	
03S 30W 358CB 01	TO	2891.	200	112	111.6	116.8	116.1					119.6	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
01S 26W 1800B 01	QA	30.4	-2	-3.9	1.3	-.1	-.2	31	29	-6
01S 29W 0300B 01	QA	30.4	-7	-7.3		-.2	-.4	22	15	-32
01S 29W 1980D 01	QA	21.4	-11	-10.4	1.6	-.3	-.6	43	32	-26
01S 30W 3400D 01	QA	27.4	-7	-5.9	5.4	-.2	-.3	40	33	-18
02S 26W 1180A 01	TO	86.1	-1	1.3	0.0		.1	25	24	-4
02S 28W 1348A 01		27.9	-1	-1.7	2.4		-.1	31	30	-3
02S 29W 248CC 01	TO									
02S 30W 260CC 01	TO									
03S 26W 30C8B 02	TO	125.0	-6	-5.6	.9	-.2	-.3	23	17	-26
03S 27W 3248A 01	TO	73.0	1	1.8	0.0		.1	46	47	2
03S 28W 060C8 01	QA	47.5	-14	-21.9	-1.2	-.4	-1.3	21	8	-62
03S 28W 328CA 01	TO									
03S 29W 128BA 01	QA	28.4	-2	-3.5	3.1	-.1	-.2	29	27	-7
03S 29W 170C8 01	QA,TO	22.3	-3	-2.3	2.0	-.1	-.1	31	28	-10
03S 29W 310CC 01	QA	25.5	-6	-5.2	1.4	-.2	-.3	18	13	-28
03S 30W 03C8A 01	TO	95.4	1	3.2			.2	81	82	1
03S 30W 2688B 01	QA	5.8	1	4.4	4.5		.3	42	43	2
04S 26W 0800C 01	QA	29.7	-4	-1.0	.4	-.1	-.2	44	40	-9
04S 26W 190CA 01	QA	17.0	-3	-2.9	3.7	-.1	-.2	23	20	-13
04S 27W 170AC 01	TO	105.7	-1	-1.9			-.1	57	56	-2
04S 27W 3389B 01	QA	19.0	-6	-2.9	-.3	-.2	-.2	41	35	-15
04S 28W 154AA 01	TO									
04S 28W 3000D 01	TO	92.6	-1	.1			-.3	18	17	-6
04S 30W 0788B 01	QA	12.1	-5	-4.7	.5	-.2	-.3	14	9	-36
05S 26W 0540D 01	TO	128.2		.7	-.4			42	42	
05S 26W 2600A 01	QA	23.1	3	-.7	.3	.1	-.1	48	51	6
05S 26W 330CC 01	QA	19.4	1	-1.2	.4			40	41	3
05S 27W 21CCA 01	TO									
05S 28W 0788C 01	QA	21.2	-2	-1.3	-.7	-.1	-.1	33	31	-6
05S 28W 1088B 01	QA	9.6	2	-1.6	.4	.1	-.1	35	37	6
05S 28W 1440D 01	TO	137.5	-5	-2.4	-3.0	-.2	-.1	27	23	-15
05S 28W 170AC 01	TO									
05S 29W 118AA 01	QA	12.7	-3	-.3	.3	-.1	-.1	32	29	-9
05S 29W 22C8B 01	QA	14.1	-3	-1.5	.2	-.1	-.1	35	32	-9
05S 30W 358C8 01	TO	119.6	-8	-8.0	11.7	-.2	-.5	88	80	-9



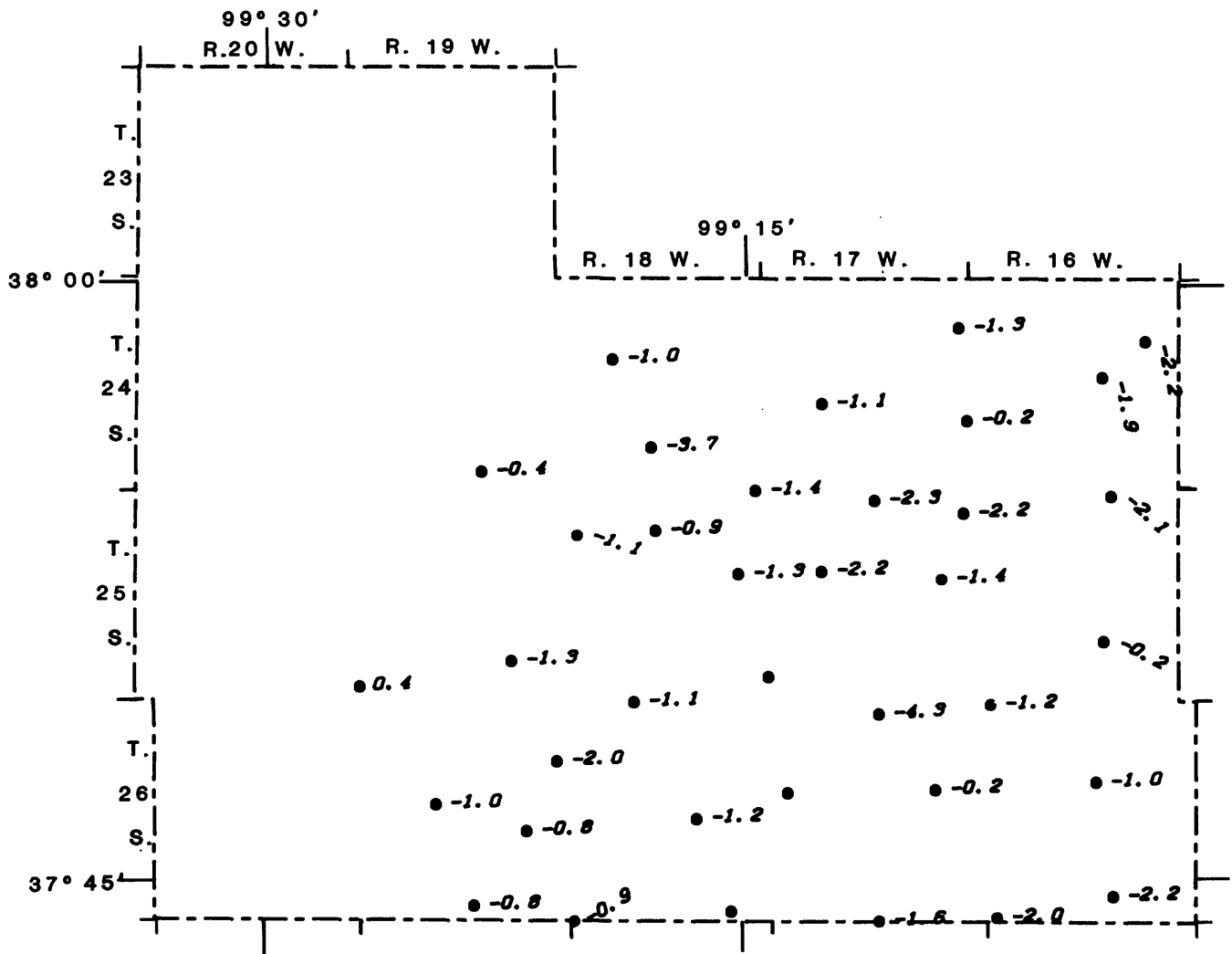
WATER-LEVEL CHANGE IN DECATUR COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1944	1974	1977	1978	1979	1980	1981	1982	1983			
24S 16W 12CBC 01	QU	2055.		5	9.2			17.4	17.8	19.9	20.8	23.0			
24S 16W 15DAC 01	QU	2064.		6	4.8			14.0	13.9	15.6	16.8	18.7			
24S 17W 12ACA 01	QU	2092.		15	17.7	20.3		21.6	22.0	22.6	23.4	24.7			
24S 17W 20ADC 01	QU	2126.		3	15.8			23.9	24.1	24.8	25.7	26.8			
24S 17W 24DDO 01	QU	2100.		15	13.3	19.6		22.5	23.0	24.0	24.9	25.1			
24S 18W 17ABO 01	QU	2147.		27	18.8				27.8	28.1	27.7	28.7			
24S 18W 28DAC 01	QU	2158.		25	16.6			27.6	28.4	29.2	33.1	36.8			
24S 18W 36DDC 01	QU	2149.		28	24.2	28.7		31.9	32.7	33.7	34.9	36.3			
24S 19W 34ADD 01	QA	2160.		8	7.0	9.8		9.7		10.0	9.2	9.6			
25S 16W 028BB 01	QU	2069.		6	6.6			19.5	17.8	19.7	21.1	23.2			
25S 16W 27AAC 01	QU	2063.		3	6.1			14.2	13.6	14.4	14.8	15.0			
25S 16W 31DCC 01	TO														
25S 17W 01DAB 01	QU	2102.		12	8.8			20.5	20.0	21.4	22.2	24.4			
25S 17W 03BAC 01	QU	2120.	82	15	14.5			24.0	24.0	25.0	25.4	27.7			
25S 17W 13BCD 01	QU	2107.	146	12	10.6			22.0	20.9	22.2	22.9	24.3			
25S 17W 17AAC 01	QU	2129.		14	14.4			24.0	23.8	25.2	25.7	27.9			
25S 17W 318BD 01	QU	2148.		22	11.1			18.9	18.9	20.9	21.4				
25S 18W 07ABD 01	QU	2185.		30	25.8			31.1	32.0	32.5	33.2	34.3			
25S 18W 09AAA 01	QU	2161.	131	21	15.6	20.6		23.0	23.9	24.7	26.0	26.9			
25S 18W 138DB 01	QU	2156.		27	22.1			29.6	30.2	31.1	32.0	33.3			
25S 18W 33CDC 01	QU	2182.		29	23.2	23.5		24.9	25.5	26.4	27.1	28.2			
25S 19W 260DB 01	QU	2206.		31	30.1			33.0	33.7	35.1	35.0	36.3			
25S 19W 31CAB 01	QU	2220.		17	15.2			17.9	18.0	18.8	18.5	18.1			
26S 16W 10CCC 01	QU	2065.			3.8				9.3	8.3	8.5	9.5			
26S 16W 31CCA 01	QU	2110.		25	19.6				28.6	30.2	30.1	32.1			
26S 16W 34ABC 01	QU	2079.		25	6.8										
26S 17W 04AAC 01	QU	2146.		44				19.6	17.5	19.4	20.3	22.5			
26S 17W 148AA 01	QU	2109.		16	20.7	40.3		23.4	23.9	24.2	24.5	28.8			
26S 17W 188BD 01	QU	2151.		28	19.5			23.5	20.8	22.7	22.2	22.4			
26S 17W 330DB 01	QU	2127.		22	12.4			19.8	19.6	20.6	25.5	23.3			
26S 18W 15DCB 01	QU	2174.		33	22.0			24.7	25.8	26.0	27.0	28.2			
26S 18W 31CCC 01	QU	2215.		47	33.6			38.5	39.0	40.5	42.2	43.1			
26S 18W 35ACC 01	QU	2162.		27	16.7			42.7	23.2	24.1	24.8	48.4			
26S 19W 12ABB 02	QU	2210.		38				32.0	44.7	38.3	46.4	35.6			
26S 19W 168CB 01	QU	2231.		35	29.4				33.2	33.9	34.6				
26S 19W 23ABA 01	QU	2216.		39	30.5			32.7	33.4	34.9	35.2	36.0			
26S 19W 348BD 01	QU	2232.		36	30.8			33.4	33.5	33.8	35.1	35.9			

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
24S 16W 12C8C 01	QU	23.0	-18	-13.8	-.5	-1.5			
24S 16W 15DAC 01	QU	18.7	-13	-13.9	-.3	-1.5			
24S 17W 12ACA 01	QU	24.7	-10	-7.0	-.3	-.8			
24S 17W 20ADC 01	QU	26.8	-24	-11.0	-.6	-1.2			
24S 17W 240DD 01	QU	25.1	-10	-11.8	-.3	-1.3			
24S 18W 17ABC 01	QU	28.7	-2	-9.9	-.1	-1.1			
24S 18W 28DAC 01	QU	36.8	-12	-20.2	-.3	-2.2			
24S 18W 36DDC 01	QU	36.3	-8	-12.1	-.2	-1.3			
24S 19W 34ADD 01	QA	9.6	-2	-2.5	-.1	-.3			
25S 16W 0288B 01	QU	23.2	-17	-16.5	-.4	-1.8			
25S 16W 27AAC 01	QU	15.0	-12	-8.9	-.3	-1.0			
25S 16W 31DCC 01	TO	18.3		-1.2					
25S 17W 01DAB 01	QU	24.4	-12	-15.6	-.3	-1.7			
25S 17W 038AC 01	QU	27.7	-13	-13.2	-.3	-1.5	67	54	-19
25S 17W 138CD 01	QU	24.3	-12	-13.7	-.3	-1.5	134	122	-9
25S 17W 17AAC 01	QU	27.9	-14	-13.5	-.4	-1.5	60	46	-23
25S 17W 3188D 01	QU	34.3	-4	-8.5	-.1	-.9			
25S 18W 07ABD 01	QU	26.9	-6	-11.3	-.2	-1.3	110	104	-5
25S 18W 09AAA 01	QU	33.3	-6	-11.2	-.2	-1.2			
25S 18W 138DB 01	QU			-1.4					
25S 18W 33CDC 01	QU	28.2	1	-5.0		-.6			
25S 19W 260DB 01	QU	36.3	-5	-6.2	-.1	-.7			
25S 19W 31CAB 01	QU	18.1	-1	-2.9		-.3			
26S 16W 10CCC 01	QU	9.5		-5.7		-.6			
26S 16W 31CCA 01	QU	32.1	-7	-12.5	-.2	-1.4			
26S 16W 34ABC 01	QU	22.5	3	-15.7	.1	-1.7			
26S 17W 04AAC 01	QU	28.8	15	-4.3	.4				
26S 17W 148AA 01	QU	22.4	-6	-1.7	-.2	-.2			
26S 17W 188BD 01	QU	23.3	-1	-10.9	-1.6	-1.2			
26S 17W 330DB 01	QU			-1.6					
26S 18W 15DCB 01	QU	28.2	5	-6.2	.1	-.7			
26S 18W 31CCC 01	QU	43.1	4	-9.5	.1	-1.1			
26S 18W 35ACC 01	QU			-2.0		-.7			
26S 19W 12ABB 02	QU	48.4	-10	-6.2	-.3	-.7			
26S 19W 168CB 01	QU	35.6	-1	-1.0		-.6			
26S 19W 23ABA 01	QU	36.0	3	-5.5	.1	-.6			
26S 19W 349BD 01	QU	35.9		-5.1		-.6			



WATER-LEVEL CHANGE IN EDWARDS COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1940 (FEET)	1966 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)			
21S 29W 36CCB 01	QA	2611.	23	17.7	21.4	22.7	22.5	22.4	22.1	22.1	23.1				
21S 30W 05B8B 01	QU,TC	2863.	78	28.6	37.7	38.3	39.9	40.3	39.4	39.2					
21S 31W 08A8B 01	QU,TO	2903.	73	48.5	47.4	47.2	47.2	47.2	47.6						
21S 32W 08A8D 01	QU	2910.	150	41.3	81.8	80.9	86.0	88.8	91.4	92.7	95.8				
21S 32W 20C8D 01	QU,TC	2898.	200	45.1	73.1	77.5	83.5	88.0	91.4	90.7	95.6				
21S 32W 26DAA 01	QU,TO	2946.	171	98.8	105.3		108.7	104.6		104.6	106.9				
21S 33W 02ACB 01	QU,TO	2910.	161	39.2	68.8	68.2	72.5	78.5	72.0	82.1	83.9				
21S 33W 07DAA01	QU	2918.	95	48.3	66.6	68.2	69.2	70.1		73.4	74.4				
21S 34W 14D8B 01	KN	2947.		69.0	104.9	97.1	100.0	102.8		106.9	112.8				
21S 34W 16ADA02	QU,TO	2981.	120	95.3	97.7	94.2	93.3	93.0	92.8	92.8	93.0				
22S 27W 14ADC 01	KJ	2458.			176.9	176.7	187.4	184.6	186.4	181.3	180.5				
22S 31W 12DCD 02	QU,TO	2896.	135	85.3	89.5	92.1	95.8	93.9	96.6	94.9	96.6				
22S 31W 16ADD 01	QU,TO	2904.	181	85.5	98.3	97.8	96.7	101.2	107.6	103.0	104.3				
22S 31W 35A8B 01	QU,TO	2977.	149	80.4	93.5	94.9	96.7	97.5	102.5	99.2	101.3				
22S 32W 08ACB 01	QU,TC	2884.	224	40.0	65.9	67.7		73.4	76.4	79.6	83.1				
22S 32W 21C0C 01	QU,TO	2903.	198	66.4	99.6	99.8	105.3	108.3	114.2	114.6	118.3				
22S 33W 0308A001	QU,TO	2903.	198	33.0	79.3	80.4	89.0	92.4	94.2	95.2	97.1				
22S 33W 17DCD 02	QU,TO	2902.	141.	42.3	100.1	103.9	111.2	116.8	120.5	125.7	129.2				
22S 33W 22BAA 01	QU,TC	2900.	190	47.1	79.9	76.7	88.9	91.6		89.4	96.1				
22S 33W 32CBC 01	QU,TO	2923.	263	82.5	143.4	147.5	163.0		165.3	166.0	173.0				
22S 33W 36AAA 02	QU,TO	2860.	200	21.5		57.5	66.3	67.8		70.0	71.9				
22S 34W 08BCB 01	KN	2987.		108.9	147.4	130.1	140.2	131.2	131.8	132.2	132.7				
22S 34W 10AAA 01	QU,TO	2933.	153	59.2	103.0	104.8	108.4	109.3	109.8	107.7	107.8				
22S 34W 26ADD 01	QU,TO	2928.	203	71.6	126.8	131.5			146.7		155.3				
22S 34W 32BCB 01	QU,TC	2983.	235	94.1	147.7	154.6		169.5	175.2	178.1	183.1				
23S 27W 12CCC 01	QU,TO	2618.	72	62.5	61.8	63.3	62.2	62.0	61.1	60.8	60.9				
23S 27W 22DAB 01	QU,TC	2654.			84.4	82.6	84.9	83.6	89.0	80.9	81.7				
23S 28W 22DCD 01	QU,TO	2729.	74	42.3	83.6	74.7	74.7	74.7	74.7	74.1	75.2				
23S 28W 34DDC 01	QU,TO	2738.	76		88.8	89.5	90.3	90.8	91.7	91.8	91.4				
23S 29W 3088B 01	QU,TC	2794.	75		76.8	76.8	77.3	77.7	77.8	77.8	78.2				
23S 29W 34CDD 01	TO	2772.		84.0	87.2	94.8	86.0	87.3	89.3	88.9	90.0				
23S 30W 04CAC 01	QU,TO	2846.	65	82.2	75.1	65.3	73.0	66.8	66.8	66.4	66.7				
23S 30W 19CCB 01	QU,TO	2862.	142	83.0	83.2	83.5		84.4	85.0	85.3	86.0				
23S 31W 03DCD 01	QU,TO	2877.	167	83.0	98.6	98.0	98.2	101.9	110.6	101.7	105.4				
23S 31W 35CCC 01	QU,TC	2875.	200	96.7	107.5		109.5	110.0	110.6	111.2	112.4				
23S 32W 11ADC 01	QU,TO	2937.	242	122.7	137.1	142.8	139.7	142.2	142.2	143.7	145.5				
23S 32W 18BCD 01	QU,TC	2878.	290	46.1	104.1	66.0	85.0		113.1	114.0	121.8				
23S 32W 19C8B 01	QU,TO	2876.	310	44.7	110.9	94.1	109.6	108.6	111.5	108.7	119.0				
23S 32W 22DAB 01	QU,TO	2923.	273	109.1	136.0	136.7		143.2	144.4	145.2					
23S 32W 31C8D 01	QU,TC	2876.	324	49.4	94.4	66.5	99.3	98.1	101.6	99.3	106.9				

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983			
235 33W 10DCC 01	QU,TO	2880.	305	25	37.6	116.8	105.7	119.8	118.8	125.9	122.1	129.4			
235 33W 17888 01	QU,TO	2904.	340	26	60.3	141.5	122.4	138.2	147.7	143.9	155.5				
235 33W 26ABB 01	QU,TO	2890.	327	42	50.4	131.1	102.8		98.6	117.3					
235 33W 28CDC 01	QU,TO	2904.	339	46	61.2	122.3		127.9	130.9	140.3	151.1				
235 33W 32ABB 01	QU,TO	2910.	350	49	65.3	107.8	110.6	129.1	133.2	132.0	146.4				
235 34W 01DDC 01	QU,TO	2931.	334	46	81.7	159.8	146.6	158.5		174.1	166.7	175.1			
235 34W 038CB 01	QU,TO	2952.	303	50	76.0	139.6	142.5	153.5	163.0	165.4	166.3	174.3			
235 34W 09DB 01	QU,TO	2951.	333	40	64.3	126.9	125.4	137.5	143.4	148.6	152.2	161.8			
235 34W 14BDC 01	QU,TO	2940.	330	39	63.1	144.2	128.7	141.6	147.3	150.9	155.1	158.7			
235 34W 17CCC 01	QU,TO	2974.	349	46	70.0	129.0	126.1	142.2	146.9	152.4	153.3	160.9			
235 34W 21DDC 01	QU,TO	2961.	356	41	71.6	125.3	130.1	140.0	146.1	147.5	149.4	151.1			
235 34W 26CCC 01	QU,TO	2952.	344	54	73.3	122.6	120.6	132.8	138.9	142.1	145.3				
235 34W 28COA 01	QU,TO	2965.	364	46	70.9	122.7	120.5	132.5	138.3	138.7	142.3	144.6			
245 31W 11DBA 01	QU,TO	2882.	241	114	115.2	126.2	125.4	129.9	127.5	129.5	134.2	132.0			
245 31W 27CCB 01	QU,TO	2883.	295	114	119.5		124.6	127.0	128.2	129.0	132.2	128.6			
245 31W 31BCD 01	QA	2794.	234	10	9.1	14.0			16.7	18.0	18.6	21.1			
245 32W 03DAC 01	QU,TO	2881.	299	70	80.9	94.3	96.5	98.8	99.7	103.6	104.9	106.6			
245 32W 05BCB 01	QU,TO	2873.	313	45	49.2			88.9	88.4	90.8	91.0	95.9			
245 32W 25CBB 02	QA	2800.	230	9	6.8	14.5	14.5	17.7	18.0	20.5	21.4	21.8			
245 32W 29AC 01	QA	2850.	295	35	28.8	46.7	49.6		54.5	57.0	59.5	61.5			
245 32W 35DD 01	QU,TO	2811.	256	21	27.2	35.2	34.9	38.6	38.7	41.1	44.2				
245 33W 09CCD 01	QU	2865.	355	11			51.0	58.0	62.2	66.4	69.0	74.5			
245 33W 09CCD 02		2865.					31.2	34.0	35.9	36.4	37.2	37.7			
245 33W 09CCD 03		2865.								64.7	66.4	72.4			
245 33W 14BCB 01	QU,TO	2854.	344	18		27.8		34.2	37.3	38.8	41.1	43.4			
245 33W 17DCA 01	TO	2887.		17											
245 33W 18BDB 01		2978.		8											
245 33W 18BDB 02		2878.						39.6							
245 33W 19DBB 01	TO	2928.	405	57				88.7							
245 33W 19DBB 02		2927.	386												
245 33W 21BDC 01	QU,TO	2915.	415	60		90.7	97.6	104.2	106.4						
245 33W 22BCC 01		2888.		38											
245 33W 22DCA 01	QU,TO	2905.	405	71		90.8	98.6	104.2	106.8						
245 33W 28DAA 01	QU,TO	2886.	386	34		76.9	81.3	87.3	89.6						
245 33W 29DAA 01	TO	2920.		60											
245 33W 21BDC 01	QU,TO	2915.	415	60		90.7	97.6	104.2	106.4						
245 33W 22BCC 01		2888.		38											
245 33W 22DCA 01	QU,TO	2905.	405	71		90.8	98.6	104.2	106.8						
245 33W 28DAA 01	QU,TO	2886.	386	34		76.9	81.3	87.3	89.6						
245 33W 29DAA 01	TO	2920.		60											
245 33W 30CBB 01	TO	2932.		54											
245 33W 31ABD 01	TO	2923.		51											
245 33W 31ABD 02	TO	2923.		51											
245 33W 31BCB 01	TO	2930.		51											
245 33W 31COA 01	TO	2913.		38											

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
245 33W 32ADA 01	TO	2928.		47						113.4	116.6	119.0
245 33W 34CAC 01	QU,TO	2910.	435	60		101.4	104.1	110.8	114.7	116.8	119.0	120.8
245 34W 018CB801	QU,TO	2894.	316	12	24.7	48.1		74.7	79.5	81.6	83.4	88.8
245 34W 05AAB 01	QU,TO	2965.	365	55	57.7	87.5			104.7	105.7	109.6	109.7
245 34W 25ACB 01		2940.		58						107.6	113.2	114.3
245 34W 25DCB 01		2930.		45				87.9				106.1
255 31W 11C9C 01	QA,QU	2770.	180	21		21.9	23.1	27.3	25.9	23.9	28.2	28.6
255 31W 19C8D 01	QA	2850.	295	71	65.1	73.1		79.8	81.9	83.9	85.9	87.4
255 31W 21CAB 01	QU	2788.	228	27	20.4	26.7	29.5		33.5	34.9	36.6	37.9
255 31W 35DBA 01	QU	2801.	256	52	49.9	59.9	62.3	62.2		67.7	70.3	
255 32W 22DBC 01	QU,TO	2865.	373	65	62.0	75.9	77.9	81.2			89.8	91.3
255 32W 35ADB 01	QU,TO	2857.	417	67	68.0	77.7	80.1	84.1	86.6	89.4	91.8	94.2
255 33K 03BCC 01		2902.		47					52.3	51.6	53.3	
255 33W 05ABO 01	QU,TO	2920.	510	52		87.8	91.0	96.8	100.4	104.2	107.8	108.9
255 33W 068CB 01	TO	2930.		52						96.4	100.1	102.6
255 33W 07DBC 01	TO	2930.		58						93.8	97.1	98.6
255 33W 09ABD 01	QU,TO	2909.	514	50		91.3	93.7	99.7	101.2	105.1	107.8	108.9
255 33W 15DAC 01	QU,TO	2915.	535	71		109.6	113.9	119.3	121.5	125.1	127.5	129.1
255 33W 16DCC 01		2920.		62					88.4	88.5	89.0	88.8
255 33W 17DBD 01	QU,TC	2940.	530	78		107.3	106.8	116.3	119.2	123.2	124.3	126.1
255 33W 21CAC 01	QU,TC	2935.	535	80	79.0	98.3	100.6	103.3	104.5	107.0	110.9	111.7
255 34W 06AAA 01	QU,TO	2972.	397	52		77.8	81.5	89.1	92.3	96.1	99.9	101.3
255 34W 10ABB 01	QU,TO	2962.	412	62		74.8	68.2	81.0	83.6	84.8	86.9	89.3
255 34W 18ACA 01	QU	2970.		55	62.0				96.5		102.8	105.6
255 34W 25BDB 01		2952.	520	82						113.3	116.8	119.0
255 34W 34DBD 01	QU,TO	2945.	440	65	70.0	83.3	88.5	90.3	94.9	99.2	103.9	107.1
265 31W 010DA 01	QU,TO	2811.	301	75	74.0	84.1	87.1	85.8	92.0	94.1	96.1	97.6
265 31W 068BB801	QU,TO	2832.	327	55	55.6	67.5	69.8	72.5	73.5	78.5	80.8	91.2
265 31W 31CDC 01	QU,TO	2841.	496	83	86.1	107.7	112.8	118.5	121.0	126.4	126.9	127.8
265 31W 36CAB 01	QU,TO	2817.	332	82	80.3	98.2	102.8	106.7	110.0	113.3	116.6	117.9
265 32W 22A99 01	QU,TO	2899.	564	113	115.6	140.6	130.4	134.2	137.4	140.1	141.6	142.8
265 32W 35CDA 01	QU,TO	2864.	524	92	92.4	111.2	113.9	117.4	120.1	123.0	125.1	126.0
265 33W 030BB 01	QU,TO	2886.	426	56	56.8	73.9	75.2	77.9	83.1	86.2	88.7	90.1
265 33W 12CAD 01	QU,TO	2886.	471	69	71.1	84.5	88.3	90.7	94.2	97.7	99.6	101.7
265 33W 17DBD 01		2900.								95.3	98.7	
265 33W 26ABB 01	QU,TO	2929.	554	113	118.3	135.6	137.0	141.1	143.7	150.8	150.5	152.6
265 33W 28ADC 01		2930.		102						129.4	132.2	132.0
265 34W 05AOC 01		2960.		72						101.0	105.5	108.4
265 34W 08AAC 01		2963.		78						112.0	116.7	115.3
265 34W 21BBD 01		2955.		77						112.3	117.3	121.3

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
26S 34W 25AAC 01		2950.	102	102	132.6	141.2	149.4	149.4	157.3	157.3	136.3	136.3
26S 34W 302D 01	QU	3005.	455	115	132.6	141.2	149.4	149.4	157.3	157.3	161.8	166.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
21S 29W 36CCB 01	QA	23.1	-6	-5.4		-.1	-.3	6		
21S 30W 05888 01	QU,TO									
21S 31W 08ABB 01	QU,TO	47.2	8	1.4		.2	.1	18	26	44
21S 32W 08ABD 01	QU	95.8	-60	-54.5	-3.1	-1.4	-3.2	114	54	-53
21S 32W 20CBD 01	QU,TO	95.6	-65	-50.5	-4.9	-1.5	-3.0	169	104	-38
21S 32W 26DAA 01	QU,TO	106.9	-11	-8.0	-2.3	-.3	-.5	75	64	-15
21S 33W 02ACB 01	QU,TO	83.9	-57	-44.6	-1.8	-1.3	-2.6	134	77	-43
21S 33W 07DDAA01	QU	74.4	-41	-26.1	-1.0	-1.0	-1.5	62	21	-66
21S 34W 14D8B 01	KN	112.8		-43.8	-5.9		-2.6			
21S 34W 16AADA02	QU,TO	93.0	-13	2.4	-.2	-.3	.1	40	27	-33
22S 27W 14ADC 01	KJ	180.5								
22S 31W 12CDC 02	QU,TO	96.6	-14	-11.3	-1.7	-.3	-.7	52	38	-27
22S 31W 16ADD 01	QU,TO	104.3	-20	-18.8	-1.3	-.5	-1.1	97	77	-21
22S 31W 35ABB 01	QU,TO	101.3	-29	-20.9	-2.1	-.7	-1.2	77	48	-38
22S 32W 08ACB 01	QU,TO	83.1	-50	-43.1	-3.5	-1.2	-2.5	191	141	-26
22S 32W 21CDC 01	QU,TO	118.3	-60	-51.8	-3.7	-1.4	-3.0	140	80	-43
22S 33W 03DBAD01	QU,TO	97.1	-64	-64.1	-1.9	-1.5	-3.8	165	101	-39
22S 33W 17DCD 02	QU,TO	129.2	-96	-86.9	-3.5	-2.2	-5.1	108	12	-89
22S 33W 22BAA 01	QU,TO	96.1	-56	-48.9	-6.7	-1.3	-2.9	150	94	-37
22S 33W 32CBC 01	QU,TO	173.0	-120	-90.5	-7.0	-2.8	-5.3	210	90	-57
22S 33W 36AAA 02	QU,TO	71.9	-58	-50.3	-1.9	-1.3	-3.0	186	128	-31
22S 34W 08CB 01	KN	132.7		-23.8	-.5		-1.4			
22S 34W 10AAA 01	QU,TO	107.8	-65	-48.6	-.1	-1.5	-2.9	110	45	-59
22S 34W 26ADD 01	QU,TO	155.3	-112	-83.7	-.1	-2.6	-4.9	160	48	-70
22S 34W 32BCB 01	QU,TO	183.1	-115	-89.0	-5.0	-2.7	-5.2	167	52	-69
23S 27W 12CCC 01	QU,TO	60.9	-2	1.6	-.1		.1	13	11	-15
23S 27W 22DAB 01	QU,TO	81.7		-.8	-.8					
23S 28W 22DCD 01	QU,TO	75.2	-1	-1.1	-1.1					
23S 28W 34DDC 01	QU,TO	91.4	-15	.4	.4	-.3				
23S 29W 3088B 01	QU,TO	78.2	-3	-.4	-.4	-.1				
23S 29W 34COD 01	TO	90.0	-6	-6.0	-1.1	-.1	-.4	63	57	-10
23S 30W 04CAC 01	QU,TO	66.7	-2	-.3	-.3					
23S 30W 19CCB 01	QU,TO	86.0	3	-3.8	-.7	.1	-.2	53	56	6
23S 31W 03DCD 01	QU,TO	105.4	-33	-22.4	-3.7	-.8	-1.3	95	62	-35
23S 31W 35CCC 01	QU,TO	112.4	-17	-15.6	-1.2	-.4	-.9	105	88	-16
23S 32W 11ADC 01	QU,TO	145.5	-29	-22.8	-1.8	-.7	-1.3	125	97	-22
23S 32W 18CD 01	QU,TO	121.8	-87	-75.7	-7.8	-2.0	-4.5	255	168	-34
23S 32W 19CBB 01	QU,TO	119.0	-83	-74.3	-10.3	-1.9	-4.4	274	191	-30
23S 32W 22DAB 01	QU,TO									
23S 32W 31CBD 01	QU,TO	106.9	-66	-57.5	-7.6	-1.5	-3.4	283	217	-23

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

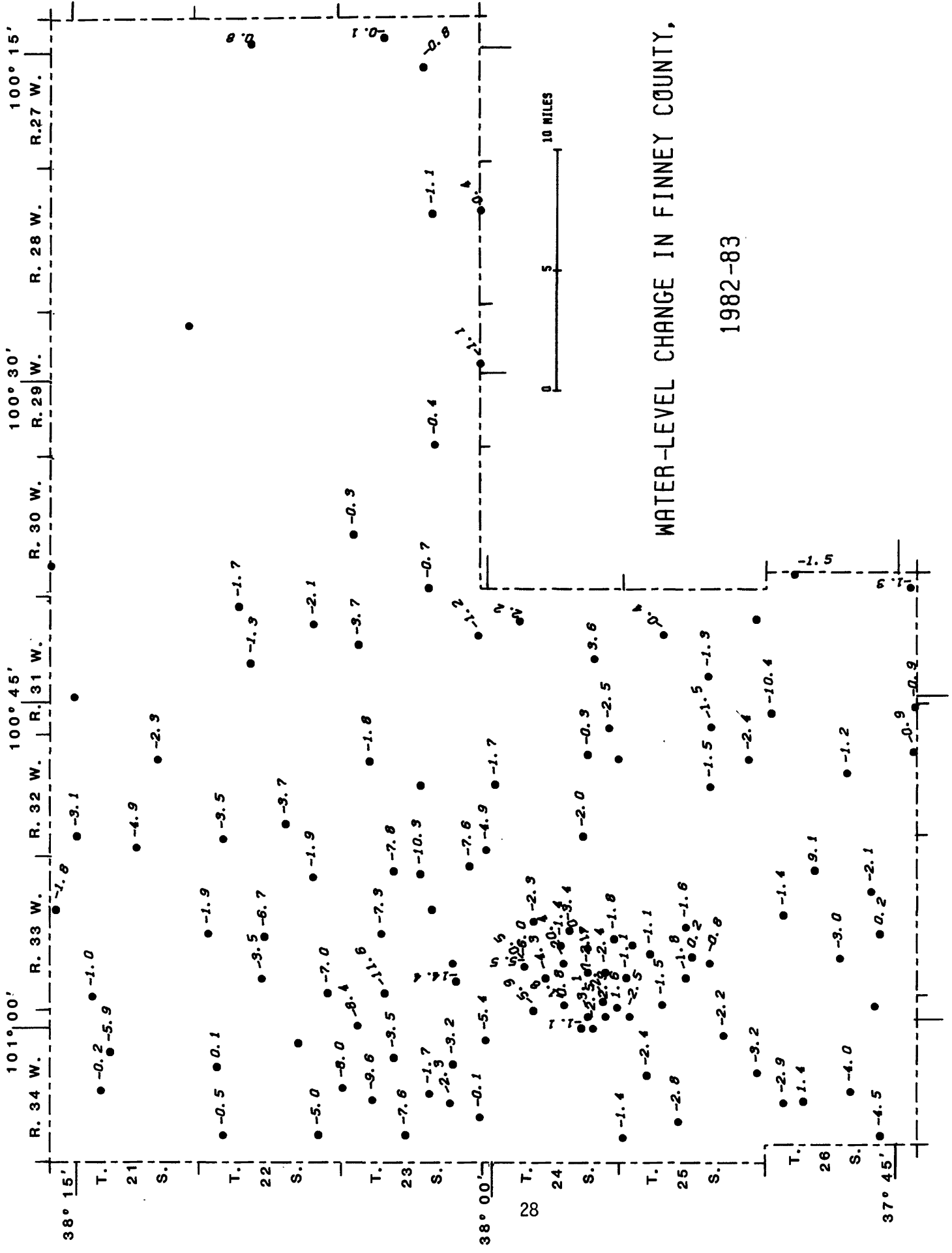
WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
23S 33W 10DCC 01	QU,T0	129.4	-104	-91.8	-7.3	-2.4	-5.4	280	176	-37
23S 33W 1788B 01	QU,T0	155.5	-130	-95.2	-11.6	-3.0	-5.6	314	185	-41
23S 33W 26ABB 01	QU,T0									
23S 33W 28CDC 01	QU,T0	151.1	-105	-89.9	-14.4	-2.4	-5.3	293	188	-36
23S 33W 32ABB 01	QU,T0	166.4	-97	-81.1		-2.3	-4.8	301	204	-32
23S 34W 010DC 01	QU,T0	175.1	-129	-93.4	-8.4	-3.0	-5.5	288	159	-45
23S 34W 038CB 01	QU,T0	174.3	-124	-98.3	-8.0	-2.9	-5.8	253	129	-49
23S 34W 0908B 01	QU,T0	161.8	-122	-97.4	-9.6	-2.8	-5.7	293	171	-42
23S 34W 148DC 01	QU,T0	158.7	-120	-95.6	-3.6	-2.8	-5.6	291	171	-41
23S 34W 17CCC 01	QU,T0	160.9	-115	-90.8	-7.6	-2.7	-5.3	303	188	-38
23S 34W 210DC 01	QU,T0	151.1	-110	-79.5	-1.7	-2.6	-4.7	315	205	-35
23S 34W 26CCC 01	QU,T0	145.3	-91	-72.0	-3.2	-2.1	-4.2	290	199	-31
23S 34W 28CDA 01	QU,T0	164.6	-99	-73.7	-2.3	-2.3	-4.3	318	219	-31
24S 31W 1108A 01	QU,T0	132.0	-18	-16.7	2.2	-4	-1.0	127	109	-14
24S 31W 27CCB 01	QU,T0	128.6	-15	-9.0	3.6	-3.3	-5.5	181	166	-8
24S 31W 312CD 01	QA	21.1	-11	-12.0	-2.5	-3	-7	224	213	-5
24S 32W 03DAC 01	QU,T0	106.6	-37	-25.7	-1.7	-1.9	-1.5	229	192	-16
24S 32W 058CB 01	QU,T0	95.9	-51	-46.6	-4.9	-1.2	-2.7	268	217	-19
24S 32W 25C8B 02	QU,T0	21.8	-13	-15.0	-4	-3	-9	221	208	-6
24S 32W 29AC 01	QA	61.5	-27	-32.6	-2.0	-6	-1.9	260	234	-10
24S 32W 35D0 01	QU,T0									
24S 33W 09CCD 01	QU	74.5	-64	-5.5	-5.5	-1.5		344	281	-18
24S 33W 09CCD 02		37.7		-5	-5					
24S 33W 09CCD 03		72.4		-6.0	-6.0					
24S 33W 148CB 01	QU,T0	63.4	-25	-2.3	-2.3	-6		326	301	-8
24S 33W 17DCA 01	T0	92.7	-76	-4.3	-4.3	-1.8				
24S 33W 1880B 01	T0	61.6	-54	-5.9	-5.9	-1.3				
24S 33W 1890B 02	T0	105.8	-49	-1.8	-1.8	-1.1				
24S 33W 1908B 01	T0	113.8		.8	.8					
24S 33W 218DC 01	QU,T0	116.7	-57	-20.4	-20.4	-1.3		355	298	-16
24S 33W 228CC 01	QU,T0	83.6	-46	-1.4	-1.4	-1.1				
24S 33W 22DCA 01	QU,T0	117.7	-47	-3.4	-3.4	-1.1		334	287	-14
24S 33W 28DAA 01	QU,T0	98.7	-65	1.0	1.0	-1.5		352	287	-18
24S 33W 29DAA 01	T0	120.1	-60	-2.7	-2.7	-1.4				
24S 33W 30C8B 01	T0	105.4	-51	-3.1	-3.1	-1.2				
24S 33W 31ABD 01	T0	100.3	-49	-2.8	-2.8	-1.1				
24S 33W 31ABD 02	T0	100.4	-49	-2.9	-2.9	-1.1				
24S 33W 31BCB 01	T0	87.0	-49	1.6	1.6	-1.1				

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
24S 33W 32ADA 01	TO	119.0	-72		-2.4	-1.7				
24S 33W 34CAC 01	QU,TO	120.8	-61		-1.8	-1.4		375	314	-16
24S 34W 01BCB01	QU,TO	88.8	-77	-64.1	-5.4	-1.8	-3.8	304	227	-25
24S 34W 05AAB 01	QU,TO	109.7	-55	-52.0	-1	-1.3	-3.1	310	255	-18
24S 34W 25ACB 01		114.3	-56		-1.1	-1.3				
24S 34W 25DCB 01		106.1	-61		-2.5	-1.4				
25S 31W 11CBC 01	QA,QU	28.6	-8		-4	-2		159	151	-5
25S 31W 19CBD 01	QA	87.4	-16	-22.2	-1.5	-4	-1.3	224	208	-7
25S 31W 21CAB 01	QU	37.9	-11	-17.4	-1.3	-3	-1.0	201	190	-5
25S 31W 35DBA 01	QU									
25S 32W 22DBC 01	QU,TO	91.3	-26	-29.3	-1.5	-6	-1.7	308	282	-8
25S 32W 35A0B 01	QU,TO	94.2	-27	-26.2	-2.4	-6	-1.5	350	323	-8
25S 33W 03BCC 01										
25S 33W 05ABD 01	QU,TO	108.9	-57		-1.1	-1.3		458	401	-12
25S 33W 06BCB 01	TO	102.6	-51		-2.5	-1.2				
25S 33W 07DBC 01	TO	98.6	-41		-1.5	-1.0				
25S 33W 09ABD 01	QU,TO	108.9	-59		-1.1	-1.4		464	405	-13
25S 33W 15DAC 01	QU,TO	129.1	-58		-1.6	-1.3		464	406	-13
25S 33W 16DCC 01		88.8	-27		.2	-6				
25S 33W 17DBD 01	QU,TO	126.1	-48		-1.8	-1.1		452	404	-11
25S 33W 21CAC 01	QU,TO	111.7	-32	-32.7	-8	-7	-1.9	455	423	-7
25S 34W 06AAA 01	QU,TO	101.3	-49		-1.4	-1.1		345	296	-14
25S 34W 10AB8 01	QU,TO	89.3	-27		-2.4	-6		350	323	-8
25S 34W 18ACA 01	QU	105.6	-51	-43.5	-2.8	-1.2	-2.6			
25S 34W 25BDB 01		119.0	-37		-2.2	-9		438	401	-8
25S 34W 34DBD 01	QU,TO	107.1	-42	-37.1	-3.2	-1.0	-2.2	375	333	-11
26S 31W 01DDA 01	QU,TO	97.6	-23	-23.5	-1.5	-5	-1.4	226	203	-10
26S 31W 06BBB01	QU,TO	91.2	-36	-35.6	-10.4	-8	-2.1	272	236	-13
26S 31W 31CDC 01	QU,TO	127.8	-45	-41.6	-9	-1.0	-2.4	413	368	-11
26S 31W 36CAB 01	QU,TO	117.9	-36	-37.6	-1.3	-8	-2.2	250	214	-14
26S 32W 22AB8 01	QU,TO	142.8	-30	-27.2	-1.2	-7	-1.6	451	421	-7
26S 32W 35COA 01	QU,TO	126.0	-34	-33.5	-9	-8	-2.0	432	398	-8
26S 33W 030BB 01	QU,TO	90.1	-34	-33.2	-1.4	-8	-2.0	370	336	-9
26S 33W 12CAD 01	QU,TO	90.5	-22	-19.4	9.1	-5	-1.1	402	381	-5
26S 33W 17DBD 01		101.7		-3.0						
26S 33W 26AB8 01	QU,TO	152.6	-40	-34.3	-2.1	-9	-2.0	441	401	-9
26S 33W 28ADC 01		132.0	-30		.2	-7				
26S 34W 05ADC 01		108.4	-36		-2.9	-8				
26S 34W 08AAC 01		115.3	-37		1.4	-9				
26S 34W 21BBD 01		121.3	-44		-4.0	-1.0				

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
26S 34W 25AAC 01	QU	166.3	-51	-33.7	-4.5	-1.2	-2.0	340	289	-15
26S 34W 30BD 01										



WATER-LEVEL CHANGE IN FINNEY COUNTY,
1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER 1983 (FEET)
				1940 (FEET)	1966 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	
255 22W 20AAA 01	T0	2437.		65	62.6	62.1	61.9	62.9	61.5	61.2	61.0	64.2
255 22W 27CCD 01		2432.				136.1	135.0	125.1	118.8		118.9	121.3
255 23W 11CCC 01		2424.				113.6	114.1	77.4	76.6	67.5	82.0	76.6
255 23W 1288B 01		2390.				156.4	148.4	155.7	155.5	153.5	149.2	153.4
255 23W 14ADD 01		2452.				210.8	203.3	209.2	212.8	207.6	207.7	
255 25W 32CDD 01		2607.									181.5	183.7
255 26W 198D8 01		2679.	175							102.5	102.1	
255 26W 25CDD 01	T0	2623.	187	79		74.3	74.8	77.6	75.8	76.1	76.0	76.3
255 26W 30ABC 01	T0	2679.	225	104		109.2		110.7	110.4	110.7	110.3	110.9
265 21W 17D8C 01		2348.				60.1	59.7	60.8	59.7	59.1	57.9	60.4
265 21W 23ADA 01	QA	2262.		6	7.3	7.9	8.0	7.9	7.9	8.3	8.0	7.5
265 22W 21DCD 01		2377.									40.7	54.2
265 23W 100AD 01		2463.									180.8	177.2
265 24W 290DD 01	T0	2575.		130		173.1	172.7	140.1	138.5	133.5	133.1	132.2
265 24W 310DA 01	T0	2463.		11		140.6	142.5	15.5	16.8	16.8	16.9	17.4
265 24W 32CBA 01	T0	2468.		20		23.2	24.1	23.5	22.8	23.8	23.4	23.2
265 24W 32DDA 01	T0	2463.		20		27.2	28.4	26.6	30.6	28.3	26.7	25.7
265 24W 33CDA 01	T0	2466.		26		32.7	32.9	32.1	31.5	28.9	28.9	28.3
265 25W 16DCC 01		2619.								139.5	141.5	
265 25W 3488B 01	QA	2490.		10		11.3	11.8	14.0	13.8		14.5	15.6
265 26W 02CCC 01		2644.								115.9	116.8	116.8
265 26W 13D8D 01		2621.								111.7	111.9	
265 26W 18CCB 01		2558.									9.4	9.9
265 26W 30DCC 01		2600.										55.6
265 26W 32ADD 01	T0	2585.	128	43		45.7	48.3	49.4	49.8	50.3	51.8	53.0
265 26W 32DCC 01		2616.		74			74.4	78.1	78.5		71.1	
265 26W 36DCC 01	T0	2543.	168	31		34.2	35.2	36.5	36.4	37.0	38.4	38.5
275 21W 30DDD 01		2328.										
275 22W 09DAB 01		2418.										
275 23W 248C8 01		2395.				27.2	16.8	22.0	21.5	21.7	23.3	32.6
275 23W 28AAA 01		2421.								25.9	26.6	30.2
275 23W 3108D 01		2512.									102.7	109.1
275 23W 36CCC 01	T0	2428.	147	46		40.7	41.6	41.9	43.1	43.0	44.4	45.3
275 24W 0388D 01	T0	2455.		19		26.1	28.1	29.4	30.1	27.5	27.0	25.2
275 24W 03CDD 01	T0					11.8	11.6	11.8	11.5	13.2	11.5	10.5
275 24W 0488C 01	T0	2453.		11		15.8	15.4	15.4	14.8	16.1	16.9	13.7
275 24W 09AAD 01	T0	2448.		10		18.8	19.7	20.1	19.2	20.6	19.2	18.6
275 24W 12CCC 01		2434.	140							8.6	8.5	8.6
275 24W 168D8 01		2515.							72.5	75.5	75.5	75.8
275 24W 26DAA 01	T0	2512.	191	79		84.5	84.5	86.4	87.6	87.7	88.2	88.8

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 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
275 24W 34CD0 01		2548.	351							110.3	110.9	111.5
275 25W 09ACA 01		2546.								63.2	64.9	62.9
275 25W 14OCA 01		2560.	156							94.2	91.9	92.0
275 25W 19DAD 01		2633.								132.1	132.9	133.6
275 25W 25B8B 01		2574.								113.5	114.4	114.5
275 26W 10DCC 01		2629.								134.2	135.1	135.8
275 26W 18ABA 01		2678.								127.9	129.1	130.0
275 26W 210AA 01	T0	2695.	199	160	160.6	161.6		164.4		168.1	166.9	168.6
275 26W 34AAB 01		2693.								177.6	182.6	183.4
285 21W 08CCA 01		2378.	75							50.9	49.7	50.5
285 21W 10J0D 01		2349.	89	41	39.5	39.0	40.4		40.9	41.1	41.3	42.9
285 21W 11C0B 01		2310.	84						42.0	42.5	42.6	44.2
285 21W 14CAC 01		2371.	126							68.9	69.0	70.6
285 21W 16ACA 01		2365.	109						47.6	47.8	51.5	49.8
285 21W 218CA 01		2412.	130							96.1	96.4	97.3
285 21W 230BC 01	T0								72.6	74.0	74.0	75.5
285 21W 25A8B 01		2365.	149							70.5	70.3	71.3
285 21W 27B8B 01		2405.	175							93.4	93.6	94.9
285 21W 33AAC 01		2400.								91.5		93.2
285 22W 05A0D 01		2370.								17.3	18.5	18.6
285 22W 12CAC 01	T0	2405.	82	66	56.7	57.3	58.1	58.4		58.9	63.9	60.0
285 22W 168AB 01		2421.	161							64.0	63.0	64.9
285 22W 32B8B 01	T0	2485.	161	121	120.1	120.1	123.0	121.9			122.1	122.5
285 22W 35ADB 01		2448.	165							110.1	110.6	111.2
285 23W 188AB 01		2547.	239							133.4	134.4	134.8
285 23W 24ABB 01		2465.								93.2		94.0
285 23W 338AC 01		2515.								113.9	114.1	114.8
285 24W 0400D 01		2483.								89.2		
285 24W 06DAB 01		2598.	254							155.5	152.4	152.9
285 24W 08DCC 01		2378.		133		133.2	134.8	135.4		137.0	137.8	138.4
285 24W 09CBC 01	T0	2572.	227	125	128.0	129.7	131.3	132.0	132.0	133.3	136.1	134.6
285 24W 22CDA 01		2500.								137.0		103.8
285 24W 3188B 01		2570.								99.1		125.9
285 24W 35CAB 01		2528.	450									100.5
285 25W 06A8B 01		2643.		144	141.8	142.6	143.8	144.3		147.1	145.9	147.3
285 25W 10A8D 01		2612.	179							143.2	144.1	145.0
285 25W 15DAC 01		2561.								93.2	94.5	93.7
285 25W 1988B 01	T0	2635.	265	133	137.0	142.2	139.2	140.0		140.0	140.9	142.4
285 25W 27C8B 01		2632.								165.6	166.6	167.3
285 26W 02CAB 01		2637.	254							127.7	127.7	128.9

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1940 (FEET)	1966 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	
285 26W 06AAB 01	T0	2685.	195	133	140.7	142.4	158.1	161.6	160.5	161.2	160.1		
285 26W 13CAA 01							133.1	133.7	136.2	135.0	136.6		
295 21W 0588B 01	T0	2418.		98	96.6	97.8	97.6	97.9	98.0	99.6	99.4		
295 21W 20CAD 01		2445.							132.3	134.2	134.1		
295 22W 14A8B 01		2459.	194						136.0	121.9	130.1		
295 22W 17DAD 01	T0	2475.	240	119	125.5	124.9	125.6	125.9	127.5	126.9	129.3		
295 22W 33CAA 01		2439.	208						108.8	109.3	110.4		
295 22W 36ACA 01		2445.	242						133.6	134.1	134.5		
295 23W 05CCC 01		2475.	185						67.4	68.3	68.9		
295 23W 12BAC 01		2447.							177.4		178.4		
295 24W 01ASA 01	T0	2560.	220	140				140.3	141.4	142.0	142.4		
295 24W 138CA 01		2530.	212						112.3	112.7	113.0		
295 24W 188AA 01	T0	2610.	210	149		157.5	155.5	157.5	157.2	157.1	157.4		
295 25W 03ADA 01	T0	2630.	220	152	174.4	174.1	176.8	176.4	177.1		181.3		
295 25W 10888C01		2617.		139				153.0	157.6	152.3	154.7		
295 26W 01CDD 01	T0	2583.	163	78	89.6	90.0	91.0	91.6	91.9	91.6	92.3		
295 26W 15ADB 01		2563.						83.1	86.5	85.7	88.1		
295 26W 228CC 01		2538.							60.1	62.2	54.6		
295 26W 24AAB 01		2538.							54.7	50.2	53.7		
295 26W 29A8B 01		2558.							83.8				
295 26W 318DB 01		2562.							84.7	81.5	85.8		
295 26W 348CC 01		2517.	250						40.5		40.3		
295 26W 3688B 01	T0	2532.	212	26	22.1	23.0	22.8	22.0	22.3	22.7	24.9		

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

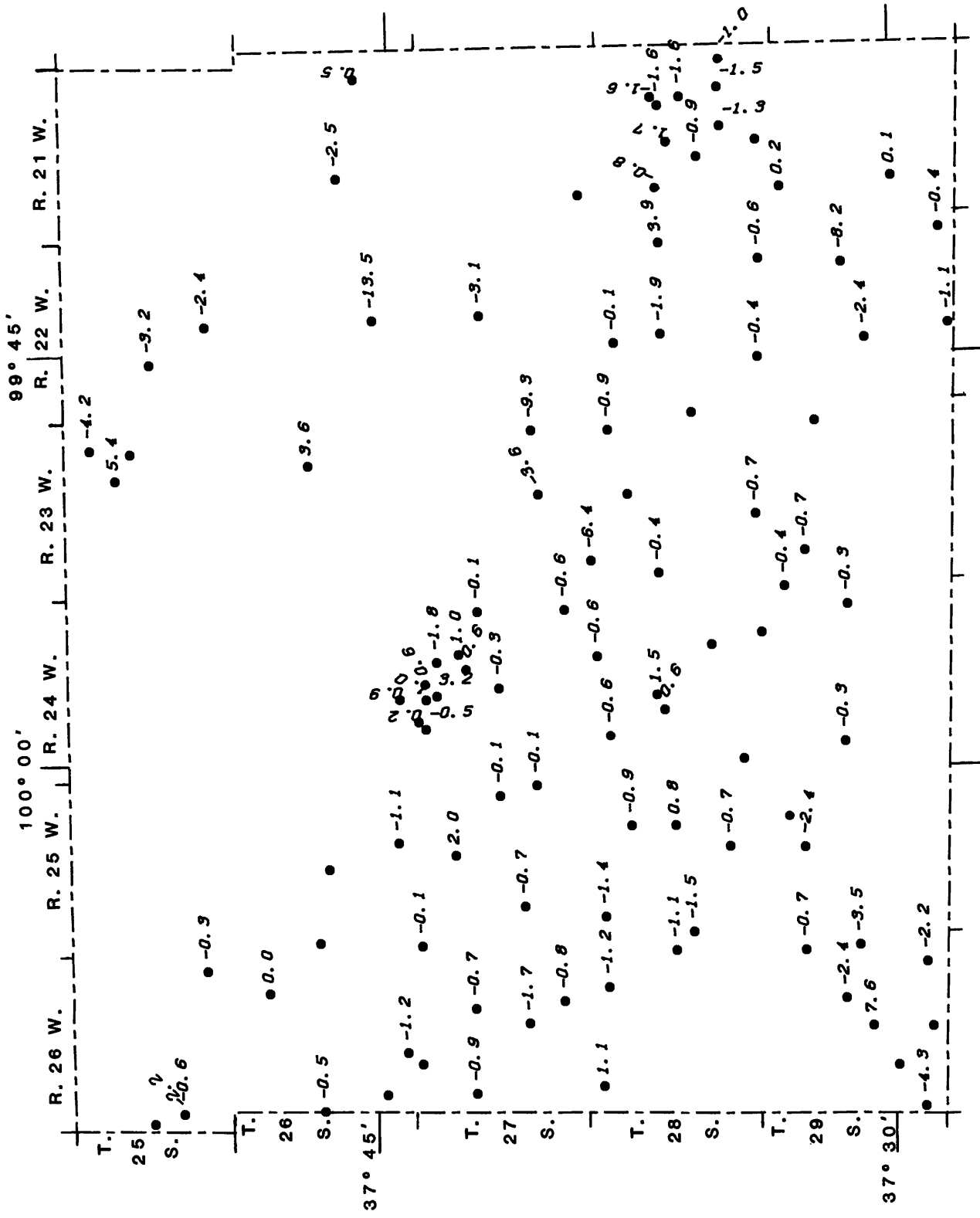
WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
25S 22W 20AAA 01	T0	64.2	1	-2.0	-3.2					
25S 22W 27CCD 01		121.3			-2.4					
25S 23W 11CCC 01		76.6			5.4					
25S 23W 12888 01		153.4			-4.2					
25S 23W 14ADD 01										
25S 24W 32CDD 01		183.7			-2.2					
25S 26W 19808 01										
25S 26W 25CDD 01	T0	76.3	3		-3	.1		108	111	3
25S 26W 30ABC 01	T0	110.9	-7		-6			121	114	-6
26S 21W 17D8C 01		60.4			-2.5					
26S 21W 23ADA 01	QA	7.5	-2	-0.2	.5					
26S 22W 210CD 01		54.2			-13.5					
26S 23W 100AD 01		177.2			3.6					
26S 24W 290DD 01	T0	132.2	-2		.9					
26S 24W 310DA 01	T0	17.4	-6		-5					
26S 24W 32C8A 01	T0	23.2	-3		.2					
26S 24W 320DA 01	T0	25.7	-6		1.0					
26S 24W 33CDA 01	T0	28.3	-2		.6					
26S 25W 16DCC 01	QA	15.6	-6		-1.1					
26S 25W 34888 01										
26S 26W 02CCC 01		116.8			0.0					
26S 26W 13D8D 01										
26S 26W 18CCB 01		9.9			-5					
26S 26W 30DCC 01		55.6								
26S 26W 32A0D 01	T0	53.0	-10		-1.2			85	75	-12
26S 26W 32DCC 01										
26S 26W 36DCC 01	T0	38.5	-8		-1			137	130	-5
27S 21W 30DDO 01		55.7			-3.1					
27S 22W 09DAB 01		32.6			-9.3					
27S 23W 248CB 01										
27S 23W 28AAA 01		30.2			-3.6					
27S 23W 3108D 01		109.1			-6.4					
27S 23W 36CCC 01	T0	45.3	1		-9			101	102	1
27S 24W 0388D 01	T0	25.2	-6		-1.8					
27S 24W 03CDD 01	T0	10.5			1.0					
27S 24W 0400C 01	T0	13.7	-3		3.2					
27S 24W 09AAD 01	T0	18.6	-9		.6					
27S 24W 12CCC 01		8.6			-1			131		
27S 24W 16808 01		75.8			-3					
27S 24W 26DAA 01	T0	88.8	-10		-6			112	102	-9

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
27S 24W 34C00 01		111.5			-0.6				240	
27S 25W 09ACA 01		62.9			2.0				64	
27S 25W 14OCA 01		92.0			-1					
27S 25W 19DAD 01		133.6			-7					
27S 25W 25B8B 01		114.5			-1					
27S 26W 100CC 01		135.8			-7					
27S 26W 18ABA 01		130.0			-9					
27S 26W 21DAA 01	TO	168.6	-9		-1.7	-0.2		39	30	-23
27S 26W 34AAB 01		183.4			-8					
28S 21W 08CCA 01		50.5			-8				25	
28S 21W 1000D 01		42.9	-2		-1.6			48	46	-4
28S 21W 11CDB 01		44.2			-1.6				40	
28S 21W 14CAC 01		70.6			-1.6				55	
28S 21W 16ACA 01		49.8			1.7				59	
28S 21W 21BCA 01		97.3			-9				33	
28S 21W 230BC 01	TO	75.5			-1.5				78	
28S 21W 25ABB 01		71.3			-1.0				80	
28S 21W 27BAB 01		94.9			-1.3					
28S 21W 33AAC 01		93.2								
28S 22W 05ADD 01		18.6			-1					
28S 22W 12CAC 01	TO	60.0	6		3.9	.1		16	22	38
28S 22W 16BAB 01		64.9			-1.9				96	
28S 22W 32BAB 01	TO	122.5	-2		-4			60	39	-3
28S 22W 35ADB 01		111.2			-6				54	
28S 23W 18BAB 01		134.8			-4				104	
28S 23W 24ABB 01		94.0			-7					
28S 23W 338AC 01		114.8								
28S 24W 04DDD 01		152.9			-5				101	
28S 24W 06DAB 01		138.4	-5		.6					
28S 24W 08DCC 01		134.6			1.5			102	92	-10
28S 24W 09CBC 01	TO	103.8	-10							
28S 24W 22COA 01		125.9								
28S 24W 31B8B 01		100.5							350	
28S 24W 35CAB 01		147.3	3		-1.4					
28S 25W 06ARB 01		145.0			-9				34	
28S 25W 10ABD 01		93.7			.8					
28S 25W 15DAC 01	TO	142.4	-9		-1.5			132	123	-7
28S 25W 19B8B 01		167.3			-7					
28S 25W 27C8B 01		128.9			-1.2				125	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
28S 26W 06AAB 01	T0	160.1	-27		1.1	-0.6		62	35	-44
28S 26W 13CAA 01		136.6			-1.1					
29S 21W 0588B 01	T0	99.4	1	-2.8	.2					
29S 21W 20CAO 01		134.1			.1				64	
29S 22W 14ABE 01		130.1			-8.2					
29S 22W 17DAD 01	T0	129.3	-10		-2.4	-0.2		121	111	-8
29S 22W 33CAA 01		110.4			-1.1				98	
29S 22W 36ACA 01		134.5			.4				108	
29S 23W 05CCC 01		68.9			-0.6				116	
29S 23W 12BAC 01		178.4								
29S 24W 01ABA 01	T0	142.4	-2		-0.4			80	78	-3
29S 24W 13BCA 01		113.0			-0.3				99	
29S 24W 188AA 01	T0	157.4	-8		-0.3	-0.2		61	53	-13
29S 25W 03ADA 01	T0	181.3	-29		-0.7	-0.7		68	39	-43
29S 25W 1088BC01		154.7	-16		-2.4	-0.4				
29S 26W 01CDD 01	T0	92.3	-14		-0.7	-0.3		85	71	-16
29S 26W 15ADB 01		88.1			-2.4					
29S 26W 228CC 01		54.6			7.6					
29S 26W 24AAB 01		53.7			-3.5					
29S 26W 29AAB 01										
29S 26W 318DB 01		85.8			-4.3				210	
29S 26W 348CC 01		40.3								
29S 26W 3688B 01	T0	24.9	1		-2.2			186	187	1



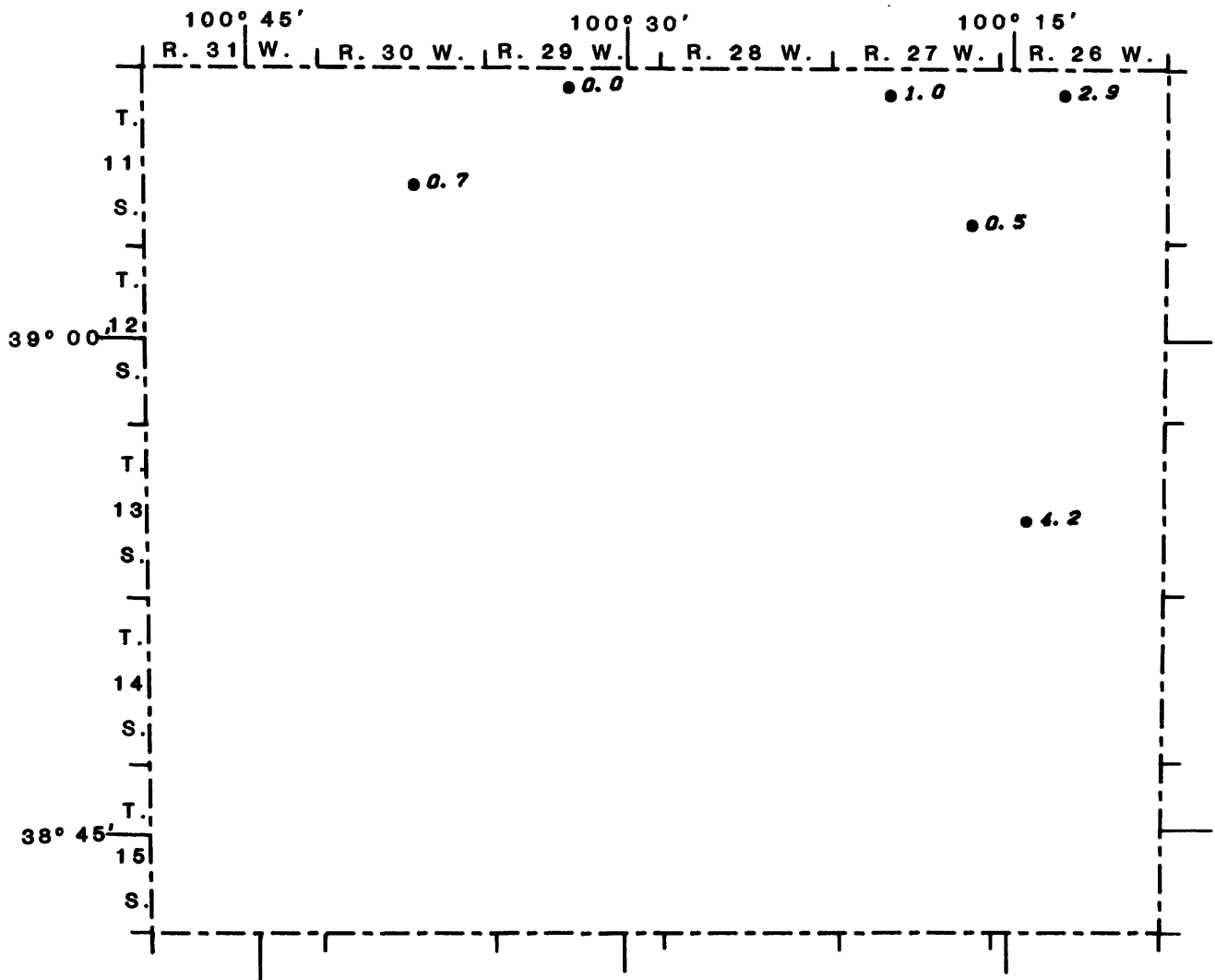
WATER-LEVEL CHANGE IN FORD COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983	
11S 26W 04CDC 01	T0	2583.	190	62	60.0	61.0	64.2	65.9	64.1	63.1	65.7	62.8	
11S 27W 04CCD 01	T0	2708.									97.3	96.3	
11S 27W 36BCC 01	T0	2676.	140	71		77.1	76.3	79.1	77.8	77.2	78.1	77.6	
11S 29W 04DAD 01	T0	2844.	170	109		112.9	118.5	112.3	111.9	113.5	112.9	112.9	
11S 30W 27ABB 01	T0	2922.	165	117		124.9	126.7	129.4	128.1	130.3	130.5	129.8	
13S 26W 20CBC 01	QA	2432.	43		11.1	9.7	9.4	7.9	13.1	13.8	14.8	10.6	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
11S 26W 04C0C 01	T0	62.8	-1	-2.8	2.9		-0.2	128	127	-1
11S 27W 04C0D 01	T0	96.3			1.0					
11S 27W 36B0C 01	T0	77.6	-7		.5	-0.2		69	62	-10
11S 29W 04D0D 01	T0	112.9	-4		0.0	-0.1		61	57	-7
11S 30W 27A0B 01	T0	129.8	-13		.7	-0.4		48	35	-27
13S 26W 20C0C 01	QA	10.6		-6	4.2				32	



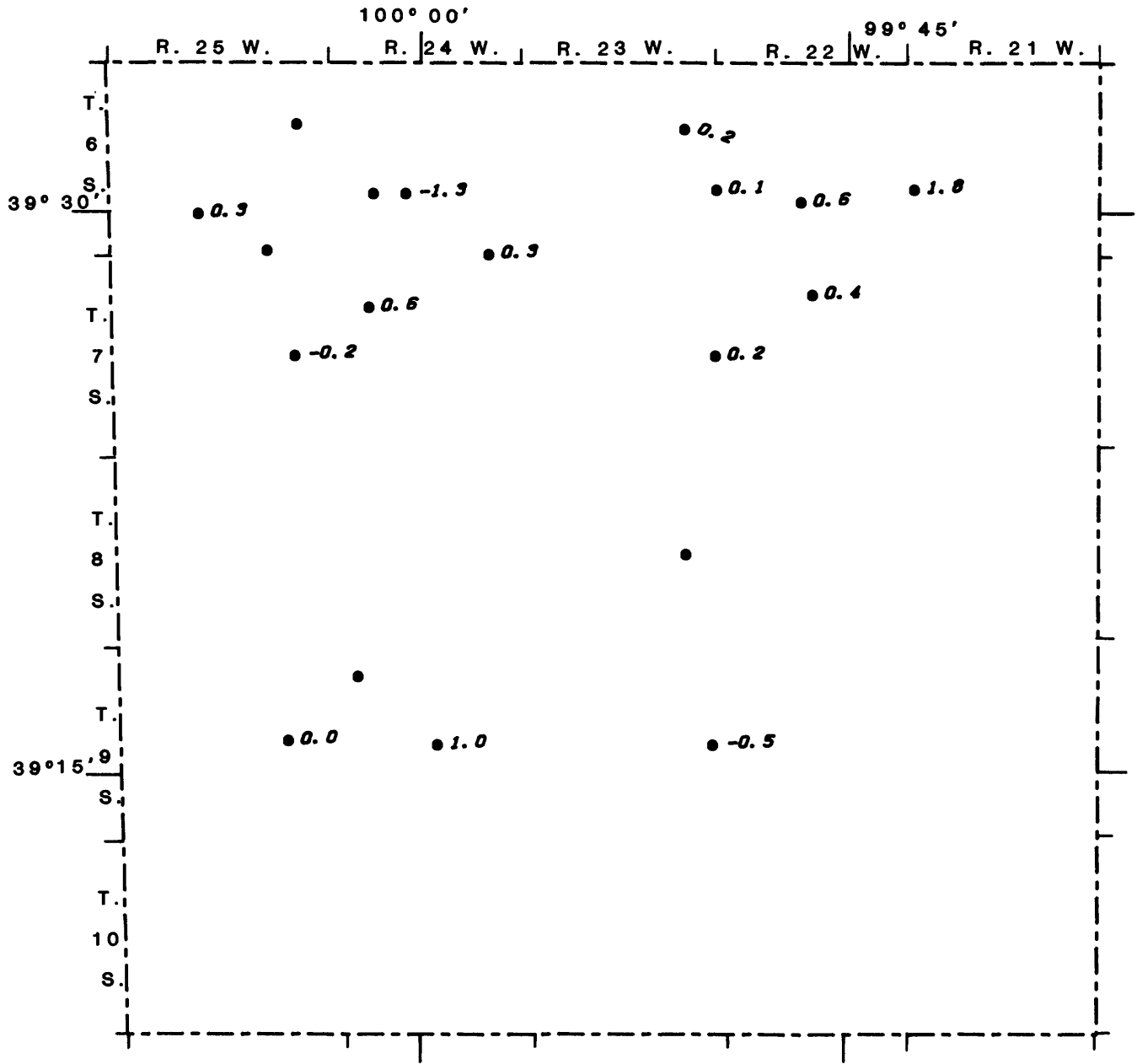
WATER-LEVEL CHANGE IN GOVE COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983	
06S 21W 19C0C 01	T0	2305.	135				103.2	102.5	102.2	102.0	100.2		
06S 22W 19C0C 01	T0	2395.	187				106.9	106.7	108.5	108.7	108.6		
06S 22W 28ACA 01	T0	2360.	180				128.0	120.2	114.3	114.1	113.5		
06S 23W 13B9B 01	T0	2340.	170				55.8	55.5	57.9	58.2	58.0		
06S 24W 28B8B 01	T0	2478.		96	96.5	96.7	100.4		99.2	100.0	101.3		
06S 24W 29B8B 01	T0	2510.	250	121			121.4	121.8	123.1				
06S 24W 35D0D 01	T0	2492.		142		142.2	143.4	145.5	146.6	144.3	144.0		
06S 25W 12C0C 01	T0	2538.	216	135			138.5	137.7					
06S 25W 28C8C 01	T0	2540.	180	109	102.7	107.3	110.2	117.1	107.3	107.0	106.7		
06S 25W 35C0C 01	T0	2512.	212	96			96.7	97.6	98.8				
07S 22W 1C8BC 01	T0	2217.	72	6			8.4	9.5	8.8	9.2	8.8		
07S 22W 19B8B 01	T0	2295.	63	39			38.9	38.6	36.9	39.4	39.2		
07S 24W 08C8A 01	T0	2519.	244	126			127.9	128.5	126.5	126.9	126.3		
07S 25W 24B8B 01	T0	2495.	210	85			85.4	87.7	86.2	86.7	86.9		
08S 23W 24B8D 01	QA	2130.				6.1	5.9			7.6			
09S 22W 19B8B 01	T0	2416.	129	95			95.7	94.7	95.7	96.1	96.6		
09S 24W 06D0D 01	T0	2491.	121	83			83.1	84.2					
09S 24W 22BAA 01	T0	2491.	111	94			96.1	96.8	93.9	94.0	93.0		
09S 25W 14D0D 01	T0	2534.	134	90				92.2	91.4	91.6	91.6		

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
06S 21W 19CDC 01	T0	100.2			1.8				35	
06S 22W 19CCC 01	T0	108.6			.1				78	
06S 22W 28ACA 01	T0	113.5			.6				67	
06S 23W 138BE 01	T0	58.0	-3		.2	-1		115	112	-3
06S 24W 28BAB 01	T0	101.3	-5		-1.3	-2				
06S 24W 29BAB 01	T0									
06S 24W 35DDO 01	T0	144.0	-2		.3	-1				
06S 25W 12CCC 01	T0	141.4	-6			-2		81	75	-7
06S 25W 28CBC 01	T0	106.7	2	-4.0	.3	.1	-2	71	73	3
06S 25W 35CCA 01	T0	99.1	-3			-1		116	113	-3
07S 22W 10BBC 01	T0	8.8	-3		.4	-1		66	63	-5
07S 22W 19BBB 01	T0	39.2			.2			24	24	
07S 24W 08CBA 01	T0	126.3			.6			118	118	
07S 25W 24BBB 01	T0	86.9	-2		-2	-1		125	123	-2
08S 23W 248BD 01	QA									
09S 22W 198BB 01	T0	96.6	-2		-5	-1		34	32	-6
09S 24W 06DDD 01	T0									
09S 24W 22BAA 01	T0	93.0	1		1.0			17	18	6
09S 25W 14DDD 01	T0	91.6	-2		0.0	-1		44	42	-5



WATER-LEVEL CHANGE IN GRAHAM COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
275 35W 1180B 01		3022.		120							172.0	176.4
275 35W 17A0D 01	QU,TC	3086.	462	175	185.7	208.5	212.6	216.8	220.5	234.0	227.6	231.8
275 35W 25CAB 01				153							216.3	218.7
275 36W 01A0B 01		3088.		140						227.8	226.4	220.1
275 36W 048DA 01		3098.								186.7	190.0	193.4
275 36W 180CB 01	QU,TC	3065.	395	104	116.5	159.0	164.0	163.1	170.1	179.8	182.5	176.1
275 36W 21DCC 01	QU,TC	3132.		199							265.6	
275 36W 25CC 01	QU,TC	3133.	438	216	253.6	272.1	276.0	281.7	295.7		290.3	296.7
275 37W 04ABE 01	QU,TC	3080.	316	70	86.4	140.1	144.0	146.0	150.4		157.0	159.0
275 37W 11ABA 01	QU,TC	3093.	368	107	131.4	169.5	180.9	186.2	186.7	191.5	189.2	198.3
275 37W 218DD 01		3058.		58				184.8			192.1	192.3
275 37W 29C8B 01	QU,TC	3079.	319	50	84.4	181.1	186.6	187.8	194.6	207.5	202.4	206.8
275 38W 12ADC 01	QU,TC	3076.	280	34	65.5	164.9	169.5	177.5	179.8	183.2	182.2	187.1
275 38W 158BB 01	KJ	3148.			132.9	176.4	173.3	171.2	168.5	167.4	172.0	176.3
275 38W 22C8B 01	QU,TC	3110.	340	49	76.8	201.7	183.9	179.3	172.1	167.7	169.3	166.9
275 38W 23CB 01	QU,TC	3105.	335	50	98.2	134.5	160.7	151.4	155.6		155.8	152.9
275 38W 32BCC 01	QU,TC	3131.	371	50	105.1	153.1	153.4	156.4	156.3	156.3	157.1	162.5
285 35W 05BCC 01	QU,TC	3117.	457	237	253.2	284.2					307.5	309.1
285 35W 088BA 01	QU,TC	3117.	447	239					308.0			317.6
285 35W 15C8B 01	QU,TC	3064.	509	213	250.7	270.1	274.5	276.3	292.8		281.1	285.8
285 35W 308BB 01	QU,TC	3072.	502	207					294.8	298.1	303.1	
285 35W 36AB 01	QU,TC	3032.	572	222	236.4	277.5	282.9	287.6	292.7		300.8	303.1
285 36W 02C0D 02	QU,TC,KJ	3111.			241.6	267.2	268.3	268.5	266.9	268.3	267.6	272.4
285 36W 21C0D 01	QU,TC	3066.	430	158	193.8	241.3	247.7	254.0	258.7		269.8	263.6
285 37W 10RCD 02	QU,TC	3057.	350	49	100.7	168.9	176.6	170.8		199.0	203.3	204.6
285 37W 308BD 01	QU,TC	3097.	427	65	103.7		182.1	188.8	188.4		197.2	190.7
285 38W 0788B 01	QU,TC	3134.	409	56	112.4	202.8	207.8	210.1	215.2	215.7	226.5	217.3
285 38W 08BC 01	QU,TC	3124.	424	50	120.3	214.4	219.5	222.8	219.5		227.3	222.2
285 38W 128CB 01	QU,TC	3087.	360	37	74.4	145.4	157.9	165.8	173.5	185.8	189.3	179.2
285 38W 120DD 01	QU,TC	3080.	365	40	78.6	148.9			165.6	180.8	175.6	169.2
285 38W 17AAA 01	QU,TC	3112.	422	41	118.1	191.7	196.9	199.8	205.5	210.8	205.6	204.7
285 38W 31D8B 02		3139.										193.5
295 35W 01CCC 01	QU,TC	3015.	510	210		266.6	263.0	263.9	269.0	273.6	272.4	273.2
295 35W 068AA 01	QU,TC	3054.		189	211.9	220.2	214.5	215.1			213.1	212.0
295 35W 07C6D 01	QU,TC	3036.	441	168				255.9	271.1	262.5		275.8
295 35W 28ACC 01	QU,TC	2975.	500	147	185.4	214.8	220.9	224.1	231.7	236.9	236.6	239.2
295 36W 048DB 01	QU,TC	3055.	400	133	161.0	248.0	254.0	251.0		256.1	250.8	250.6
295 36W 19C8B 01	QU,TC	2995.	405	44	118.0	171.7	175.5		179.5	187.0	193.4	190.0
295 37W 03CB 01	QU,TC	3051.	421	71	133.0	201.4	203.4	202.9	207.2		229.4	218.1
295 37W 08CBA 01	QU,TC	3065.	430	46	114.5	189.5	196.5	195.4	201.8	221.5	212.0	215.1

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

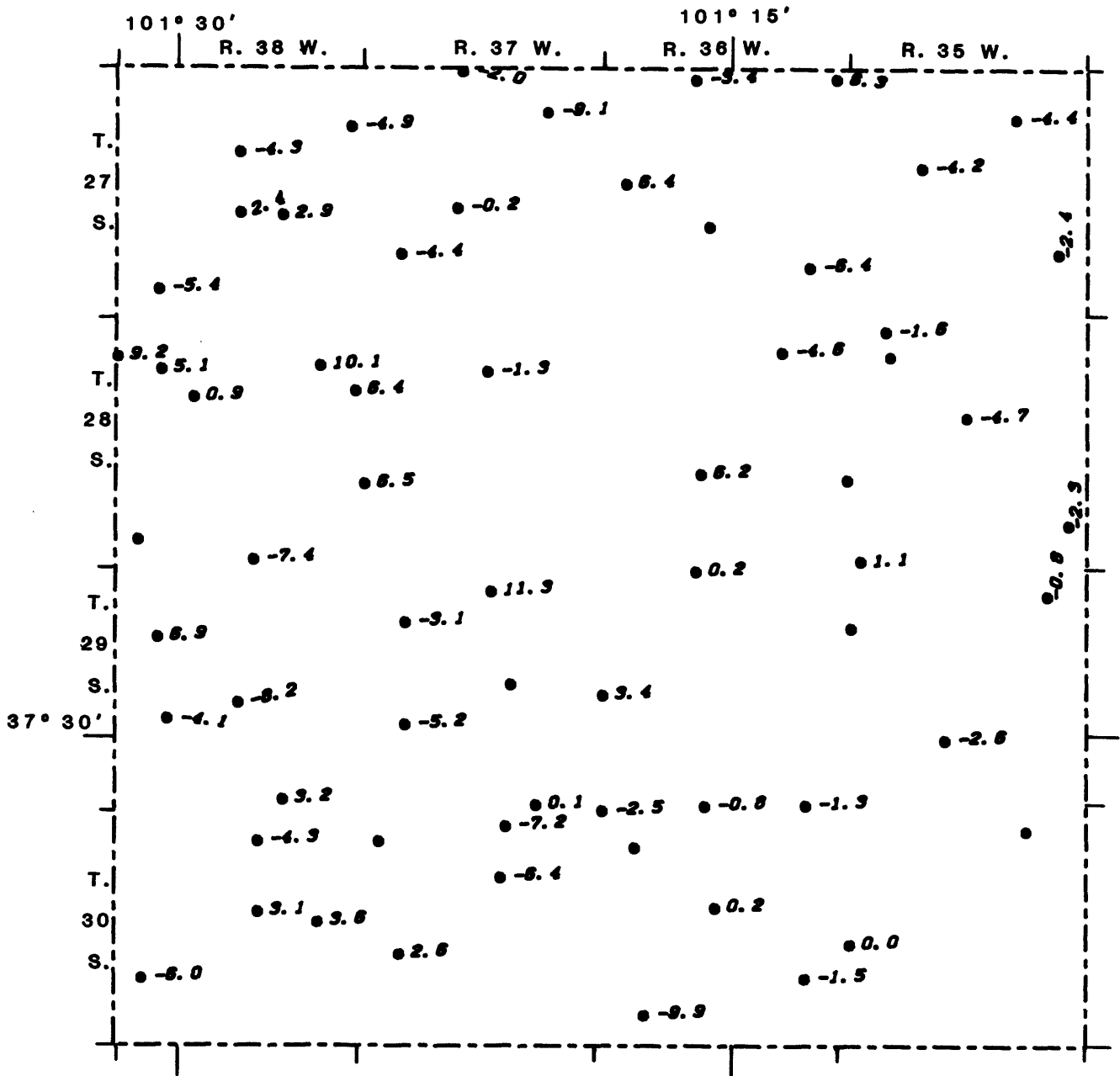
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
29S 37W 22A48 01	QU,TC	3039.	459	48	104.0	161.9	161.1	161.4	152.6	152.6	250.6	176.2
29S 37W 2988A 01	QU,TO	3094.	504	74	148.0	223.0	239.1	253.4	243.3	250.6	250.6	255.2
29S 38W 038AA 01	QU,TO	3113.	459	54	121.4	208.0	208.0	210.1	230.6	230.6	230.6	238.0
29S 38W 08CCC 01	QU,TO	3154.	480	74	109.0	159.2	180.3	177.0	191.1	191.1	208.7	201.8
29S 38W 20CDC 01	QU,TO,KJ	3139.	463	98	80.8	122.8	125.9	129.0	133.0	143.6	142.4	146.5
29S 38W 22C98 01	QU	3113.	493	54	74.0	131.9	131.9	140.5	137.4	141.7	145.3	153.5
29S 38W 35CCD 01	QU,TO	3124.	469	74	115.1	145.7	149.4	154.0	168.9	164.1	173.4	170.2
30S 35W 0208C 01	QU,TO	3020.	525	225	240.5	277.3	282.5	282.6	288.8	288.8	288.8	313.5
30S 35W 198CD 01	QU,TO	3004.	474	134	153.3	185.6	174.6	186.9	193.7	193.7	198.8	198.8
30S 36W 01888 01	QU,TC	2973.	463	98	130.4	182.3	188.2	186.9	189.9	203.3	198.7	200.0
30S 36W 04A88 01	QU,TO,KJ	3033.	465	121	192.0	180.7	180.8	179.0	150.6	150.6	150.5	151.1
30S 36W 0685C 01	QU,TO	3075.	481	114	190.7	221.1	223.3	253.4	256.4	258.3	263.1	265.6
30S 36W 07A48 01	QU,TO	3061.	432	109	140.7	184.3	190.1	185.6	219.0	226.3	197.6	197.4
30S 36W 16D48 01	QU,TO	3027.	341	15	47.1	47.1	44.7	48.4	187.7	192.4	55.6	57.1
30S 36W 258CB 01	QA	2901.	384	113	122.5	144.8	148.6	146.9	153.5	161.6	152.0	161.9
30S 36W 328BC 01	QU,TO	3064.	507	122	221.7	274.1	262.0	257.9	283.4	287.7	291.5	291.4
30S 37W 028AA 02	QU,TO	3102.	520	101	142.7	263.2	194.8	194.8	263.8	259.9	261.3	268.5
30S 37W 03D8A 01	QU,TO,KJ	3108.	426	111	173.9	211.4	212.4	214.8	201.0	216.9	220.8	216.8
30S 37W 06DCC 01	QU,TO	3121.	385	114	164.6	188.7	191.4	193.5	199.5	200.6	202.8	200.2
30S 37W 10DC8 01	QU,TC	3096.	452	91	124.7	155.5	160.0	166.2	168.5	172.3	176.4	180.7
30S 37W 20C8C 01	QU	3125.	360	89	146.7	181.4	184.1	188.7	190.3	190.3	207.9	204.3
30S 38W 03DCC 01	QU,TO,KJ	3142.	377	69	118.7	149.5	153.7	156.8	159.2	159.2	173.1	170.0
30S 38W 13CCC 01	QU	3144.	377	69	82.1	120.2	125.3	130.5	133.6	141.5	148.0	154.0
30S 38W 15D8C 01	QU,TC	3152.										
30S 38W 30ACA 01	QU,TC											

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
275 35W 1180B 01		176.4	-56	-46.1	-4.4	-1.3	-2.7	287	230	-20
275 35W 17ADC 01	QU,TO	231.8	-57		-4.2	-1.3				
275 35W 25CAB 01		218.7			-2.4					
275 36W 01ADB 01		220.1	-67		6.3	-1.6				
275 36W 04BDA 01		193.4	-53		-3.4	-1.2				
275 36W 18DCB 01	QU,TO	176.1	-72	-59.6	6.4	-1.7	-3.5	291	219	-25
275 36W 21DCC 01	QU,TO									
275 36W 25CC 01	QU,TO	296.7	-81	-43.1	-6.4	-1.9	-2.5	222	141	-36
275 37W 04ABB 01	QU,TO	159.0	-89	-72.6	-2.0	-2.1	-4.3	246	157	-36
275 37W 11ABA 01	QU,TO	198.3	-91	-66.8	-9.1	-2.1	-3.9	261	170	-35
275 37W 21BDD 01		192.3	-134		-2	-3.1				
275 37W 29CBB 01	QU,TO	206.8	-157	-122.4	-4.4	-3.7	-7.2	269	112	-58
275 38W 12ADC 01	QU,TO	187.1	-153	-121.6	-4.9	-3.6	-7.2	246	93	-62
275 38W 158BB 01	KJ	176.3		-43.4	-4.3		-2.6			
275 38W 22CBE 01	QU,TO	166.9	-118	-90.1	2.4	-2.7	-5.3	291	173	-41
275 38W 23CB 01	QU,TO	152.9	-103	-54.6	2.9	-2.4	-3.2	285	182	-36
275 38W 32BCC 01	QU,TO	162.5	-113	-57.3	-5.4	-2.6	-3.4	321	209	-35
285 35W 05BCC 01	QU,TO	309.1	-72	-55.9	-1.6	-1.7	-3.3	220	148	-33
285 35W 098BA 01	QU,TO	317.6	-79			-1.8		208	129	-38
285 35W 15CBB 01	QU,TO	285.8	-73	-35.1	-4.7	-1.7	-2.1	296	223	-25
285 35W 30BBB 01	QU,TO									
285 35W 36ABC 01	QU,TO	303.1	-81	-66.7	-2.3	-1.9	-3.9	350	269	-23
285 36W 02CDD 02	QU,TO,KJ	272.4		-30.8	-4.8		-1.8			
285 36W 21CDD 01	QU,TO	263.6	-106	-69.8	6.2	-2.5	-4.1	272	166	-39
285 37W 10BCD 02	QU,TO	204.6	-156	-103.9	-1.3	-3.6	-6.1	301	145	-52
285 37W 30BBB 01	QU,TO	190.7	-126	-87.0	6.5	-2.9	-5.1	362	236	-35
285 38W 07BBB 01	QU,TO	217.3	-161	-104.8	9.2	-3.7	-6.2	353	192	-46
285 38W 08BC 01	QU,TO	222.2	-172	-101.9	5.1	-4.0	-6.0	374	202	-46
285 38W 12BCB 01	QU,TO	179.2	-142	-104.8	10.1	-3.3	-6.2	323	181	-44
285 38W 12DDD 01	QU,TO	169.2	-129	-90.6	6.4	-3.0	-5.3	325	196	-40
285 38W 17AAA 01	QU,TO	204.7	-164	-86.6	.9	-3.8	-5.1	381	217	-43
285 38W 310BB 02		193.5								
295 35W 01CCC 01	QU,TO	273.2	-63		7.8	-1.5		300	237	-21
295 35W 06BAA 01	QU,TO	212.0	-23	-1	1.1	-5				
295 35W 07CBB 01	QU,TO	275.8	-108			-2.5		273	165	-40
295 35W 28ACC 01	QU,TO	239.2	-92	-53.7	-2.6	-2.1	-3.2	353	261	-26
295 36W 04BDB 01	QU,TO	250.6	-118	-89.6	.2	-2.7	-5.3	267	149	-44
295 36W 19BCB 01	QU,TO	190.0	-146	-72.0	3.4	-3.4	-4.2	361	215	-40
295 37W 03CDB 01	QU,TO	218.1	-147	-85.1	11.3	-3.4	-5.0	350	203	-42
295 37W 08CBA 01	QU,TO	215.1	-169	-100.6	-3.1	-3.9	-5.9	384	215	-44

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
29S 37W 22A8B 01	QU,TO	176.2	-128	-72.2	-3.0	-4.2	411	283	-31
29S 37W 29B8A 01	QU,TO	255.2	-181	-107.2	-4.2	-6.3	430	249	-42
29S 38W 03A8A 01	QU,TO	238.0	-184	-116.6	-4.3	-6.9	405	221	-45
29S 38W 08C8C 01	QU,TO	201.8	-128	-92.8	-3.0	-5.5	406	278	-32
29S 38W 20C8C 01	QU,TO,KJ	146.5		-65.6		-3.9			
29S 38W 22C8B 01	QU	153.5	-100	-79.5	-2.3	-4.7	439	340	-23
29S 38W 35C8D 01	QU,TO	170.2	-96	-55.0	-2.2	-3.2	395	299	-24
30S 35W 02B8C 01	QU,TO	313.5	-89	-73.0	-2.1	-4.3	300	212	-29
30S 35W 19B8D 01	QU,TO	198.8	-65	-45.5	-1.5	-2.7	340	275	-19
30S 36W 01B8B 01	QU,TO	200.0	-102	-69.6	-2.4	-4.1	365	263	-28
30S 36W 04A8B 01	QU,TO,KJ	151.1		-6					
30S 36W 06B8C 01	QU,TO	265.6	-145	-73.6	-3.4	-4.3	344	199	-42
30S 36W 07A8B 01	QU,TO								
30S 36W 16D8B 01	QU,TO	197.4	-88	-56.6	-2.0	-3.3	323	235	-27
30S 36W 25B8C 01	QA	57.1	-42	-1.5	-1.0		326	284	-13
30S 36W 32B9C 01	QU,TO	161.9	-49	-39.4	-1.1	-2.3	271	222	-18
30S 37W 02B8A 02	QU,TO	291.4	-169	-69.7	-3.9	-4.1	385	216	-44
30S 37W 03D8A 01	QU,TO,KJ	268.5		-7.2					
30S 37W 06D8C 01	QU,TO	216.8	-116	-74.1	-2.7	-4.4	419	303	-28
30S 37W 10D8C 01	QU,TO	229.2	-118	-55.3	-2.7	-3.3	315	197	-37
30S 37W 20C8C 01	QU	200.2	-86	-35.6	-2.0	-2.1	271	185	-32
30S 38W 03D8C 01	QU,TO	180.7	-90	-56.0	-2.1	-3.3	361	271	-25
30S 38W 13C8C 01	QU,TO,KJ	204.3		-57.6		-3.4			
30S 38W 15D8C 01	QU	170.0	-81	-51.3	-1.9	-3.0	271	190	-30
30S 38W 30A8A 01	QU,TO	154.0	-85	-71.9	-2.0	-4.2	308	223	-28



WATER-LEVEL CHANGE IN GRANT COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983			
24S 27W 08CCC 01	QU,TO	2697.	138	66	59.1	71.4	77.8					74.2	71.7	72.2	
24S 27W 14ABB 01	QU,TC	2654.	92	74	66.2	64.9	73.7					65.5	64.4	63.9	
24S 28W 10ADD 01	QU,TO	2743.	200	92		96.9						100.0	100.5	101.2	
24S 28W 31DD 01	QU,TO	2754.	264	91	87.9	120.1	129.5					119.6	127.5	126.0	
24S 28W 36ACA 01	TO	2720.	135	85	83.3	92.6	94.1					96.3	96.7	97.4	
24S 29W 16DCA 01	QU,TO	2787.	222	98	96.2	109.3	110.2					110.0	109.0	110.8	
24S 29W 18CCB 01	QU,TO	2814.	220	106	109.8	117.7	118.9					118.9	121.1	120.9	
24S 30W 01BCB 01	QU,TO	2809.	170	89		89.2	95.1					89.0	89.4	90.3	
24S 30W 08DOD 01	QU,TO	2859.	238	114		127.2	138.4					132.5	132.1	132.8	
24S 30W 15CCC 01	QU,TC	2846.	248	114	117.0	142.6	146.9					130.3	131.4	133.0	
25S 27W 33ABB 01	QU,TC	2728.	249	134	131.8	136.9	137.2					142.0	148.8	138.4	
25S 29W 07BCB 01	QU,TO	2830.	281	131	129.0	137.5	137.7					139.4	147.1	149.9	
25S 29W 14ABB 01	QU,TC	2776.	107	107	107.1	127.7	126.8					131.0	130.5	130.4	
25S 30W 20BCB 01	QU,TO	2734.	184	9	9.8	11.8	13.5					14.3	16.9	16.7	
25S 30W 22ACD 01	QU,TO	2722.	177	14	14.7	20.7	20.7					21.7	22.1	23.4	
26S 27W 13BBC 01	QU,TO	2567.	165	9	7.9	9.2	10.8					10.2	3.8	3.9	
26S 27W 18ADC 01	QU,TO	2596.	202	6		9.5	10.3					7.3	6.4	12.7	
26S 27W 27CDD 01	QU,TO	2612.	222	33		38.5	42.3					44.0	48.5	46.9	
26S 28W 10ACB 02	QU,TO	2632.	172	16	18.9	25.8	25.8					26.9	24.4	22.6	
26S 29W 35CCC 01	QU,TO	2742.	242	72	71.6	78.4	82.4					83.9	86.8	95.9	
26S 30W 17AD 01	QU,TO	2799.	319	76	72.0	82.4	88.2					88.1	87.1	94.5	
26S 30W 24DDD 01	QU,TO	2754.	253	54	69.6	69.6	72.0					70.9	76.7	79.4	
27S 27W 07ADC 01	QU,TC	2686.	186	82	74.0	84.5	89.1					89.7	91.8	92.8	
27S 27W 10CDB 01	QU,TO	2712.	235	131	123.4	131.4	133.3					134.7	137.8	139.4	
27S 27W 25CCD 01	QU,TO	2732.	228	167	163.8	171.0	172.2					174.7	181.7	178.4	
27S 28W 05AAA 01	QU,TO	2707.	228	66		72.3	80.0					78.3	82.5	88.1	
27S 28W 30CCA 01	QU,TO	2738.	218	78								89.8	92.4	98.1	
27S 29W 09DA 01	QU,TO	2749.	280	69	60.3	75.0	95.2					83.3	86.0	93.8	
27S 30W 08BBB 01	QU,TC	2790.	265	68	66.6	85.3	93.7					92.5	95.6	102.0	
27S 30W 23BB 01	QU,TO	2772.	247	68	63.9	82.4	87.1					86.1	90.2	99.7	
27S 30W 25CCB 01	QU,TO	2808.	369	110	103.0	121.1	124.6					128.9	134.9	140.3	
27S 30W 34CCC 01	QU,TO	2807.	404	102	101.0	170.0	174.8					128.6	131.7	138.0	
28S 27W 03BBB 01	QU,TC	2755.	260	166		170.1	173.5					174.3	178.0	178.9	
28S 28W 20ADD 02	QU,TO	2795.	220	145	146.2	152.2	160.0					149.0	148.3	150.1	
28S 29W 16ACC 01	QU,TC	2799.	299	121	125.0	147.0	149.6					152.1	153.4	157.0	
28S 30W 10DDD 01	QU,TO	2814.	469	115	120.9	146.3	152.4					151.9	153.8	159.2	
28S 30W 178BA 01	TO	2817.	497	110	110.4	139.2	150.0					146.3	162.1	163.7	
28S 30W 24BAB 01	QU,TO	2804.	429	114	119.5	145.6	159.5					151.7	153.2	157.5	
29S 27W 30BCC 01	QU,TC	2655.	280	87	103.0	113.4	116.3					120.3	121.5	125.7	
29S 27W 36ABA 01	QU,TO	2573.	348	45	54.0	73.2	77.5					81.7	83.0	90.8	

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

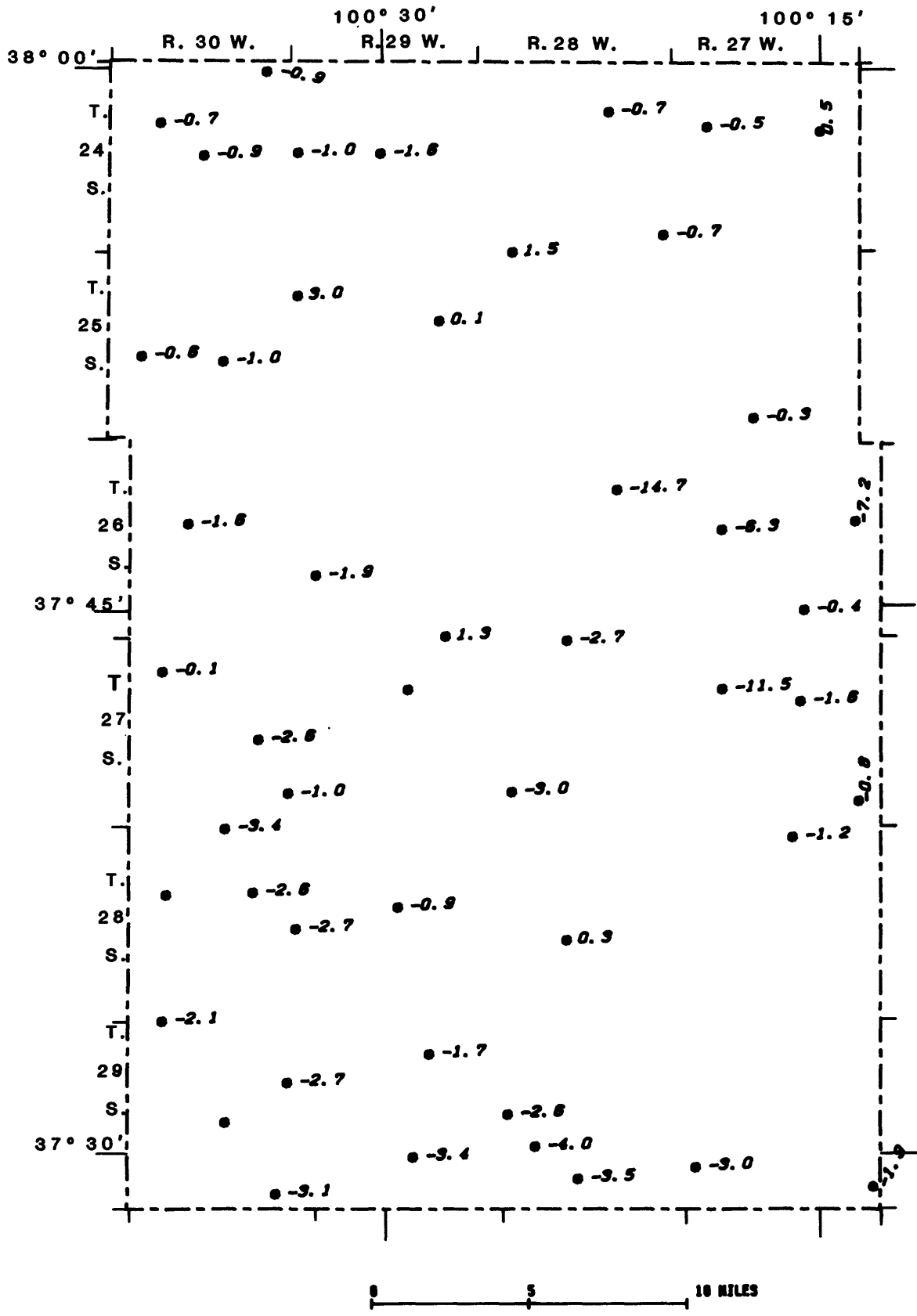
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983	
29S 28W 18CCC 01	QU,TC	2715.	190	80	100.9	103.1	107.0	109.2	111.2	112.8	115.4	115.4	115.4
29S 28W 19DDD 01	QU,TO	2712.	292	92	95.6	110.8	108.6	114.4	119.3	119.3	123.3	123.3	123.3
29S 28W 28CDC 01	TO	2688.	278	88	91.2	102.4	108.6	110.6	113.2	115.2	118.7	118.7	118.7
29S 29W 10A8B 01													
29S 29W 278C8 01	QU,TO	2739.	494	98	101.0	117.3	121.5	123.8	127.3	128.8	132.2	132.2	132.2
29S 30W 05888 01	QU,TO	2821.	466	130	137.5	156.1	163.5	166.0	169.0	172.2	174.3	174.3	174.3
29S 30W 12CCC 01	QU,TO	2768.	478	98	119.1	122.6	122.6	127.7	133.0	133.3	136.0	136.0	136.0
29S 30W 228BC 01	QU,TC	2816.	446	144	144.6	165.6	175.3	177.9	178.9	178.6	178.6	178.6	178.6
29S 30W 35ACD 01	QU,TO	2805.	445	146	147.8	169.7	169.7	173.0	186.1	190.1	193.2	193.2	193.2

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE (FEET/YEAR)		SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
						1940-83 (FEET/YEAR)	1966-83 (FEET/YEAR)			
24S 27W 08CCC 01	QU,TO	72.2	-6	-13.0	-5	-1	-8	72	66	-8
24S 27W 14ABD 01	QU,TO	63.9	10	2.3	5	2	.1	18	28	56
24S 28W 10ADD 01	QU,TO	101.2	-9	-7	-7	-2	.1	108	99	-8
24S 28W 3100 01	QU,TO	126.0	-35	-38.1	1.5	-8	-2.2	173	138	-20
24S 28W 36ACA 01	TO	97.4	-12	-14.0	-7	-3	-8	50	38	-24
24S 29W 16OCA 01	QU,TO	110.8	-13	-14.5	-1.8	-3	-9	124	111	-10
24S 29W 18CCB 01	QU,TO	121.9	-16	-12.1	-1.0	-4	-7	114	98	-14
24S 30W 01BCB 01	QU,TO	90.3	-1	-9	-9	-1		81	80	-1
24S 30W 08DCD 01	QU,TO	132.8	-19	-7	-7	-4		124	105	-15
24S 30W 15CCC 01	QU,TO	133.0	-19	-16.0	-9	-4	-9	134	115	-14
25S 27W 33ABB 01	QU,TO	138.7	-5	-6.9	-3	-1	-4	115	110	-4
25S 29W 078CB 01	QU,TO	146.9	-16	-17.9	3.0	-4	-1.1	150	134	-11
25S 29W 14ABB 01	QU,TO	130.4	-23	-23.3	.1	-5	-1.4			
25S 30W 208CB 01	QU,TO	16.7	-8	-6.9	-6	-2	-4	175	167	-5
25S 30W 22ACD 01	QU,TO	24.4	-10	-9.7	-1.0	-2	-6	163	153	-6
26S 27W 13BBC 01	QU,TO	11.1	-2	-3.2	-7.2	-2	-2	156	154	-1
26S 27W 18ADC 01	QU,TO	12.7	-7	-6.3	-6.3	-2		196	189	-4
26S 27W 27C00 01	QU,TO	46.9	-14	-4	-4	-3		189	175	-7
26S 28W 10ACB 02	QU,TO	22.6	-7	-3.7	-14.7	-2	-2	156	149	-4
26S 29W 35CCC 01	QU,TO	94.6	-23	-23.0	1.3	-5	-1.4	170	147	-14
26S 30W 17AD 01	QU,TO	96.3	-20	-24.3	-1.8	-5	-1.4	243	223	-8
26S 30W 24D0D 01	QU,TO	81.3	-27	-1.9	-1.9	-6		199	172	-14
27S 27W 07ADC 01	QU,TO	104.3	-22	-30.3	-11.5	-5	-1.8	104	82	-21
27S 27W 10CDB 01	QU,TO	141.0	-10	-17.5	-1.6	-2	-1.0	104	94	-10
27S 27W 25CCD 01	QU,TO	179.2	-12	-15.4	-8	-3	-9	61	49	-20
27S 22W 05AAA 01	QU,TO	88.1	-22	-2.7	-2.7	-5		162	140	-14
27S 28W 30CCA 01	QU,TO	101.1	-23	-3.0	-3.0	-5		140	117	-16
27S 29W 09DA 01	QU,TO	93.8	-25	-33.5		-6	-2.0	211	186	-12
27S 30W 0888B 01	QU,TO	102.0	-34	-35.4	-1	-8	-2.1	197	163	-17
27S 30W 2388 01	QU,TO	102.3	-34	-38.4	-2.6	-8	-2.3	179	145	-19
27S 30W 25CCB 01	QU,TO	141.3	-31	-38.3	-1.0	-7	-2.3	259	228	-12
27S 30W 34CCC 01	QU,TO	141.4	-39	-40.4	-3.4	-9	-2.4	302	263	-13
28S 27W 0388B 01	QU,TO	178.9	-13	-1.2	-1.2	-3		94	81	-14
28S 28W 20ADD 02	QU,TO	149.8	-5	-3.6	.3	-1	-2	75	70	-7
28S 29W 16ACC 01	QU,TO	157.9	-37	-32.9	-9	-9	-1.9	178	141	-21
28S 30W 1000D 01	QU,TO	161.8	-47	-40.9	-2.6	-1	-2.4	354	307	-13
28S 30W 1788A 01	TO	163.7	-54	-53.3		-3	-3.1	387	333	-14
28S 30W 248AB 01	QU,TO	160.2	-46	-40.6	-2.7	-1	-2.4	315	269	-15
29S 27W 308CC 01	QU,TO	128.7	-42	-25.7	-3.0	-1	-1.5	193	151	-22
29S 27W 36ABA 01	QU,TO	92.7	-48	-38.7	-1.9	-1	-2.3	303	255	-16

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
29S 28W 18CCC 01	QU,TO	115.4	-35	-2.6	-2.6	-0.8	-1.6	110	75	-32
29S 28W 19DDD 01	QU,TO	123.3	-31	-4.0	-4.0	-0.7	-1.6	200	169	-16
29S 28W 28CDC 01	TO	118.7	-31	-27.5	-3.5	-0.7	-1.6	190	159	-16
29S 29W 10ABE 01	QU,TO	118.1	-34	-31.1	-1.7	-0.8	-1.8	396	362	-9
29S 29W 278CB 01	QU,TO	132.2	-44	-36.8	-2.1	-1.0	-2.2	336	292	-13
29S 30W 058BB 01	QU,TO	174.3	-38	-2.7	-2.7	-0.9	-2.7	380	342	-10
29S 30W 12CCC 01	QU,TO	136.0	-47	-45.4	-3.1	-1.1	-2.7	299	252	-16
29S 30W 228BC 01	QU,TO	193.2								
29S 30W 35ACD 01	QU,TO									



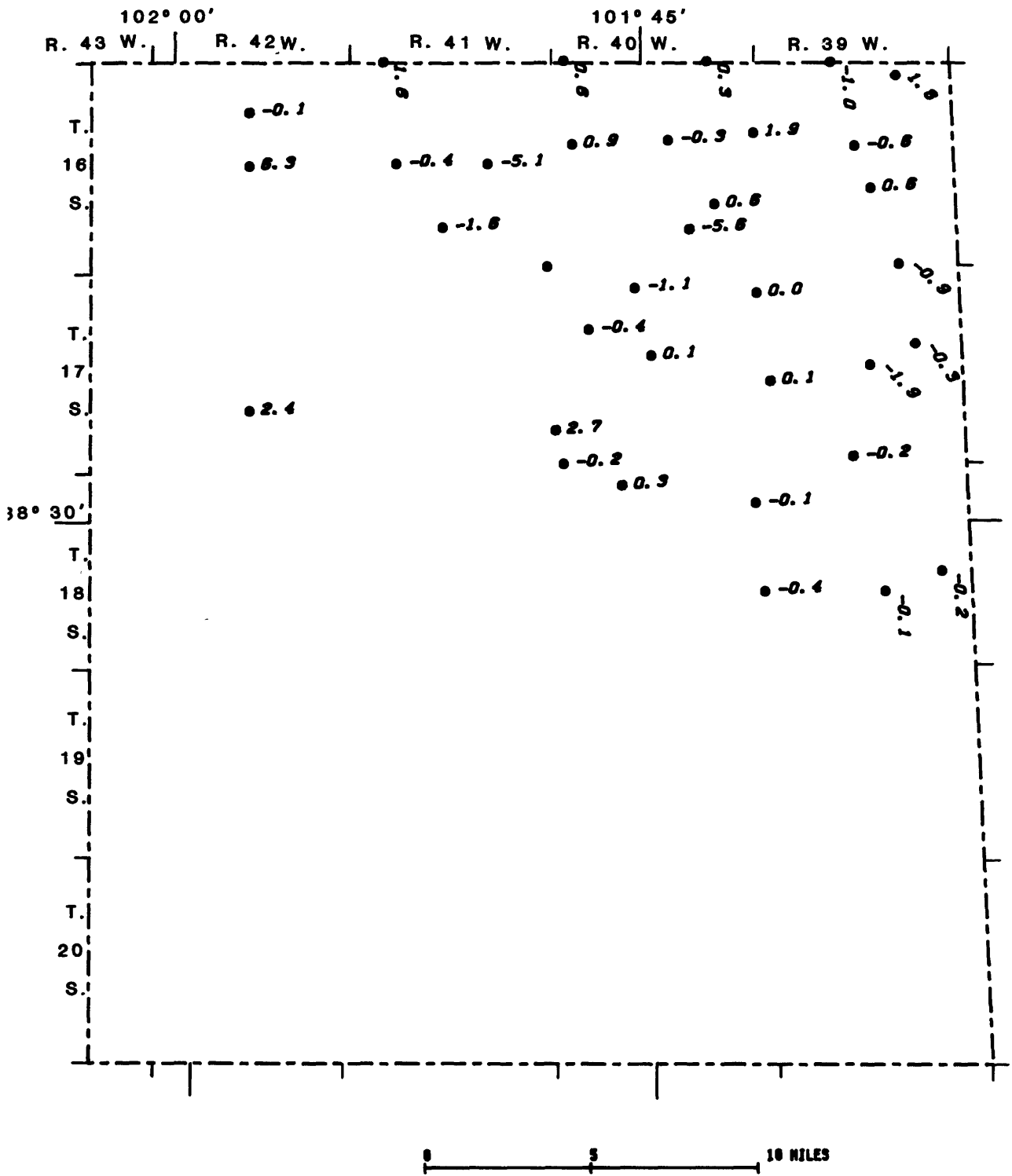
WATER-LEVEL CHANGE IN GRAY COUNTY, 1982-83

TABLE 1.-- SELECTED HYDROLOGIC 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 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
165 39W 02B0C 01	TO	3520.	220	81	119.7	123.0	123.0	129.0	129.0	137.9	136.4	134.6
165 39W 04B0B 01	TO	3565.	220	95	142.9	133.9	134.7	137.9	137.9	141.5	141.5	142.5
165 39W 15CRB 01	TO	3541.	163	96	124.2	125.7	126.3	129.6	129.6	131.3	130.9	131.7
165 39W 18B0C 01	TO	3609.	200	118	125.0	145.0	145.7	149.3	149.3	148.4	150.2	148.3
165 39W 22DCB 01	TO	3529.	163	95	88.8	123.3	123.3	126.0	126.0	134.5	129.5	128.9
165 40W 02ABA 01	TO	3594.	182	72	80.5	109.4	111.2	113.2	113.2	116.2	116.2	115.9
165 40W 06BAA 01	TO	3679.	242	104	115.7	138.8	140.6	142.8	142.8	144.6	146.2	145.6
165 40W 15ACC 01	TO	3650.	192	114	119.9	144.5	146.1	147.3	147.3	149.2	149.2	149.5
165 40W 18DBA 01	TO	3691.	217	121	126.7	150.8	160.8	159.6	159.6	158.3	164.3	163.4
165 40W 26ADA 01	TO	3602.	157	93	108.5	110.3	111.6	112.9	112.9	114.6	115.0	114.4
165 40W 35BBA 01	TO	3597.	125	76	73.0	96.5	94.3	93.2	93.2	100.2	100.2	106.0
165 41W 05B8B 01	TO	3745.	250	128	166.5	167.2	170.7	173.6	173.6	174.9	173.7	172.1
165 41W 20BAD 01	TO	3739.	234	129	131.3	149.4	150.2	151.3	151.3	166.8	166.8	167.2
165 41W 23B8D 01	TO	3705.	221	119	148.3	142.6	144.7	145.8	145.8	147.2	148.2	153.3
165 41W 33AAB 01	TO	3746.	202	156	160.7	161.4	161.8	162.5	162.5	168.5	172.0	173.6
165 42W 10CBC 01	TO	3820.	230	174	198.7	199.9	200.0	202.3	202.3	204.1	204.1	204.2
165 42W 22BCB 01	TO	3828.	237	183	198.5	197.4	197.8	199.9	199.9	198.5	205.2	198.9
175 39W 02BAA 01	TO	3511.	161	102	131.3	149.4	151.5	151.3	151.3	112.1	114.0	114.9
175 39W 06CCD 01	TO	3583.	180	134	135.4	136.3	136.4	137.3	137.3	140.7	138.0	138.0
175 39W 14ADD 01	TO	3503.	203	108	114.8	115.3	115.3	118.5	118.5	119.2	121.8	122.1
175 39W 19DBB 01	TO	3573.	182	125	129.7	129.3	129.3	130.9	130.9	130.6	131.4	131.3
175 39W 22A8B 01	TO	3527.	195	118	123.3	124.2	127.2	127.9	127.9	128.7	130.3	132.2
175 39W 34CCB 01	TO	3505.	135	95	95.4	94.5	93.7	95.5	95.5	94.0	94.4	94.6
175 40W 04DCB 01	TO	3646.	187	152	156.7	168.4	169.0	169.6	169.6	168.3	170.3	171.4
175 40W 15CCB 01	TO	3607.	209	123	127.0	135.0	136.2	137.1	137.1	139.5	138.0	138.1
175 40W 17BBA 01	TO	3663.	217	165	202.3	195.8	187.3	184.5	184.5	185.2	185.1	185.5
175 40W 31BBA 01	TO	3663.	218	151	168.1	185.8	175.4	175.4	175.4	167.5	167.5	164.8
175 41W 01AAD 01	TO	3670.	145	120	117.0	118.3	119.4	118.8	118.8	117.9	117.9	36.3
175 42W 27CBB 01	TO	3768.	61	31	39.7	40.4	38.9	39.9	39.9	38.1	38.7	36.3
185 39W 07B8D 01	TO	3564.	145	109	125.2	116.9	116.5	116.0	116.0	117.9	116.2	116.3
185 39W 19CDA 01	TO	3510.	100	70	70.4	71.8	72.3	72.6	72.6	72.7	72.0	72.4
185 39W 23CCB 01	TO	3485.	185	113	122.2	131.7	131.9	132.7	132.7	132.5	132.2	132.3
185 39W 24AAC 01	TO	3467.	183	105	139.4	138.8	137.4	138.3	138.3	136.7	136.7	136.9
185 40W 04C8D 01	TO	3616.	161	125	131.2	133.2	133.0	132.7	132.7	135.7	131.8	131.5
185 40W 06BAA 01	TO	3642.	187	123	142.4	142.4	142.4	142.4	142.4	142.1	141.3	141.5

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
16S 39W 02BDC 01	T0	134.6	-54		1.8	-1.6		139	85	-39
16S 39W 04BAB 01	T0	142.5	-48		-1.0	-1.5		125	78	-38
16S 39W 15CBB 01	T0	131.7	-36			-1.1		67	31	-54
16S 39W 18BBC 01	T0	148.3	-30	-23.3	1.9	-0.9	-1.4	82	52	-37
16S 39W 22DCB 01	T0	128.9	-34	-40.1	.6	-1.0	-2.4	68	34	-50
16S 40W 02ABA 01	T0	115.9	-44	-35.4	.3	-1.3	-2.1	110	66	-40
16S 40W 06BAA 01	T0	145.6	-42	-29.9	.6	-1.3	-1.8	138	96	-30
16S 40W 15ACC 01	T0	149.5	-36	-29.6	-.3	-1.1	-1.7	78	43	-45
16S 40W 18DBA 01	T0	163.4	-42	-36.7	.9	-1.3	-2.2	96	54	-44
16S 40W 26ADA 01	T0	114.4	-21		.6	-.6		64	43	-33
16S 40W 3588A 01	T0	106.0	-30	-33.0	-5.8	-.9	-1.9	49	19	-61
16S 41W 0528E 01	T0	172.1	-44		1.6	-1.3		122	78	-36
16S 41W 20BAD 01	T0	167.2	-38	-35.9	-.4	-1.2	-2.1	105	67	-36
16S 41W 239ED 01	T0	153.3	-34		-5.1	-1.0		102	68	-33
16S 41W 33AAB 01	T0	173.6	-18	-1.6	-1.6	-.5		46	28	-39
16S 42W 10CBC 01	T0	204.2	-30		-.1	-.9		56	26	-54
16S 42W 22BCB 01	T0	198.9	-16	-.4	6.3	-.5		54	38	-30
17S 39W 028AA 01	T0	114.9	-13		-.9	-.4		59	46	-22
17S 39W 06CCD 01	T0	138.0	-4		0.0	-.1		46	42	-9
17S 39W 14A0D 01	T0	122.1	-14		-.3	-.4		95	81	-15
17S 39W 19D8B 01	T0	131.3	-6		.1	-.2		57	51	-11
17S 39W 22A8B 01	T0	132.2	-14	-8.8	-1.9	-.4	-.5	77	63	-18
17S 39W 34CC8 01	T0	94.6			-.2			40	40	
17S 40W 04DCB 01	T0	171.4	-19	-14.7	-1.1	-.6	-.9	35	16	-54
17S 40W 15CCB 01	T0	138.1	-15	-11.1	-.1	-.5	-.7	86	71	-17
17S 40W 1788A 01	T0	185.5	-21		-.4	-.6		52	32	-38
17S 40W 3188A 01	T0	164.8	-14	3.4	2.7	-.4	.2	67	53	-21
17S 41W 01AAD 01	T0	86.7	33	30.3		1.0	1.8	25	58	132
17S 42W 27C8B 01	T0	36.3	-5		2.4	-.2		30	25	-17
18S 39W 0788D 01	T0	116.3	-7		-.1	-.2		36	29	-19
18S 39W 19CDA 01	T0	72.4	-2		-.4	-.1		30	28	-7
18S 39W 23CCB 01	T0	132.3	-19	-10.1	-.1	-.6	-.6	72	53	-26
18S 39W 24AAC 01	T0	136.9	-32		-.2	-1.0		78	46	-41
18S 40W 04C8D 01	T0	131.5	-7	-.3	.3	-.2		36	30	-17
18S 40W 068AA 01	T0	141.5	-19		-.2	-.6		64	46	-28



WATER-LEVEL CHANGE IN GREELEY COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER 1983 (FEET)
				1940	1966	1977	1978	1979	1980	1981	1982			
21S 39W 07C8A 01	T0	3497.	215	196	194.0	190.3	190.4	197.6	194.3	189.6	185.7			
22S 39W 03B8B 01	T0	3453.	199		191.2	184.0	183.9	183.7	187.2	183.4	183.2			
22S 39W 0800D 01	T0	3468.	214		178.5	177.1	177.1	176.8	182.2	176.7	176.5			
23S 39W 15A0D 01	QU,T0	3325.	144		130.1	130.0	128.8	129.4	129.6	129.6	129.5			
23S 40W 2900B 01	KU	3397.			240.3	272.1	290.1	293.8	294.1		297.8			
23S 42W 19C8B 01	QA,QU	3339.	67	20	24.1	27.3	26.0	27.1	25.2	25.3	24.7			
23S 42W 26DCA 01	QA	3309.	70	29	23.7	29.4	29.0	29.0	27.5	27.9	28.4			
23S 42W 27D0B 01	QA	3311.	70	23	20.0	22.1	24.6	24.0	25.4	23.9	23.7			
23S 42W 34C8B 01	QA	3307.	58	13	9.6	13.8	13.3	13.3	13.0	12.6	11.2			
23S 43W 21ABA 01	QA	3364.	29	15	15.0	17.8	17.7	17.6	16.5	15.6	13.9			
23S 43W 23B8C 01	QA	3356.	68	21	20.5	23.2	26.5	23.7	22.1	21.7	21.9			
23S 43W 25C8D 02	QA	3335.	47	8	8.8	10.4	9.7	9.8	9.9	9.5	9.0			
23S 43W 26BCC 01	QA	3343.	22	7	7.1	8.5	8.6	8.8	8.3	8.5	8.3			
24S 39W 19C8C 01	QA	3175.	65	6	6.7	10.2	10.8	12.4	10.0	10.7	9.8			
24S 39W 22C8B 01	QA	3152.	42	8	11.8	15.0	14.7	15.4	17.3	11.9				
24S 39W 30B8D 01	QA	3177.	77	9	9.1	11.1	12.1	13.4	12.2	11.0	10.3			
24S 39W 30CAD 01	QA	3173.	68	6	6.8	10.4	10.8	11.3	11.4	10.5	10.2			
24S 39W 35BAC 01	QA	3143.	43	9	5.4	10.0	9.4	9.9	10.6	10.0	9.8			
24S 39W 35C8A 01	QU	3146.	97	11	11.4	16.8	16.3	16.8	16.8	17.2	16.4			
24S 40W 07C8B 01	QA	3233.	58	14	13.9	15.5	16.5	16.8	16.0	16.2	16.4			
24S 40W 17B8B 01	QA	3221.	71	13	16.6	16.6	16.7	16.9	16.1	15.7	15.6			
24S 40W 23AAB 01	QA	3204.	104	26	24.4	26.3	28.3	29.2	27.9	28.0	27.3			
24S 40W 31B8B 01	QU	3287.	45	7	6.5	6.5	6.5	6.8	6.5	6.2	6.5			
24S 41W 01DAD 01	QA,QU	3254.	45	7	14.7	27.3	21.1	18.7	20.7	24.4	25.8			
24S 42W 04AAD 01	QA	3304.	44	7	6.5	9.7	12.1	10.8	11.5	12.1	14.3			
24S 42W 2800D 01	KJ	3455.			160.0	161.7	162.8	162.6	161.7	163.8	163.3			
24S 43W 14C8B 01	KJ	3452.		114	110.8	113.7	113.9	113.9	114.8	115.4	118.2			
24S 39W 02CAD 01	QU,T0	3156.	46	24	27.9	31.3	31.6	32.0	32.9	32.8	34.5			
25S 39W 23B0D 01	QU,T0	3286.	133		78.7	91.1	91.4	91.7	92.1	92.2	91.3			
25S 39W 34DCA 01	KJ	3331.			121.9	121.2	120.8	120.4	119.4	120.7				
25S 40W 01CA 01	QU	3218.	58	46	45.8	51.8	51.8	52.2	51.1	51.1	51.0			
25S 40W 26B9B 01	KJ	3412.		213	215.0	220.0	220.4	224.0	220.6	221.3	221.8			
25S 43W 03AAB 01	KJ	3575.			190.5	254.4	256.3	258.1	257.9	259.6	261.7			
25S 43W 21AAB 01	KJ	3522.			129.4	141.0	141.0	141.5	142.0	142.0	143.1			
25S 43W 25CCD 01	QU,T0	3490.	225	101	121.4	142.4	147.7	144.6	145.4	147.4	147.6			
26S 39W 01BAA 01	QU,T0	3259.			82.9	80.2	81.5	82.4	82.5	82.4	82.6			
26S 41W 12DCC 01	KJ	3379.			186.5	214.8	214.5	214.5	216.1	219.5	224.1			
26S 41W 20B8D 01	QU,T0	3317.	242	17	20.7	35.7	28.8	30.0	31.4	32.2	33.0			
26S 41W 36CCC 01	QU,T0	3270.	231	35	29.0	45.1	44.3	45.5	49.0	50.6	52.4			
26S 42W 10B8 02	QU,T0	3405.	245	52	77.2	106.4	102.5	105.1	105.0	106.6	108.4			

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

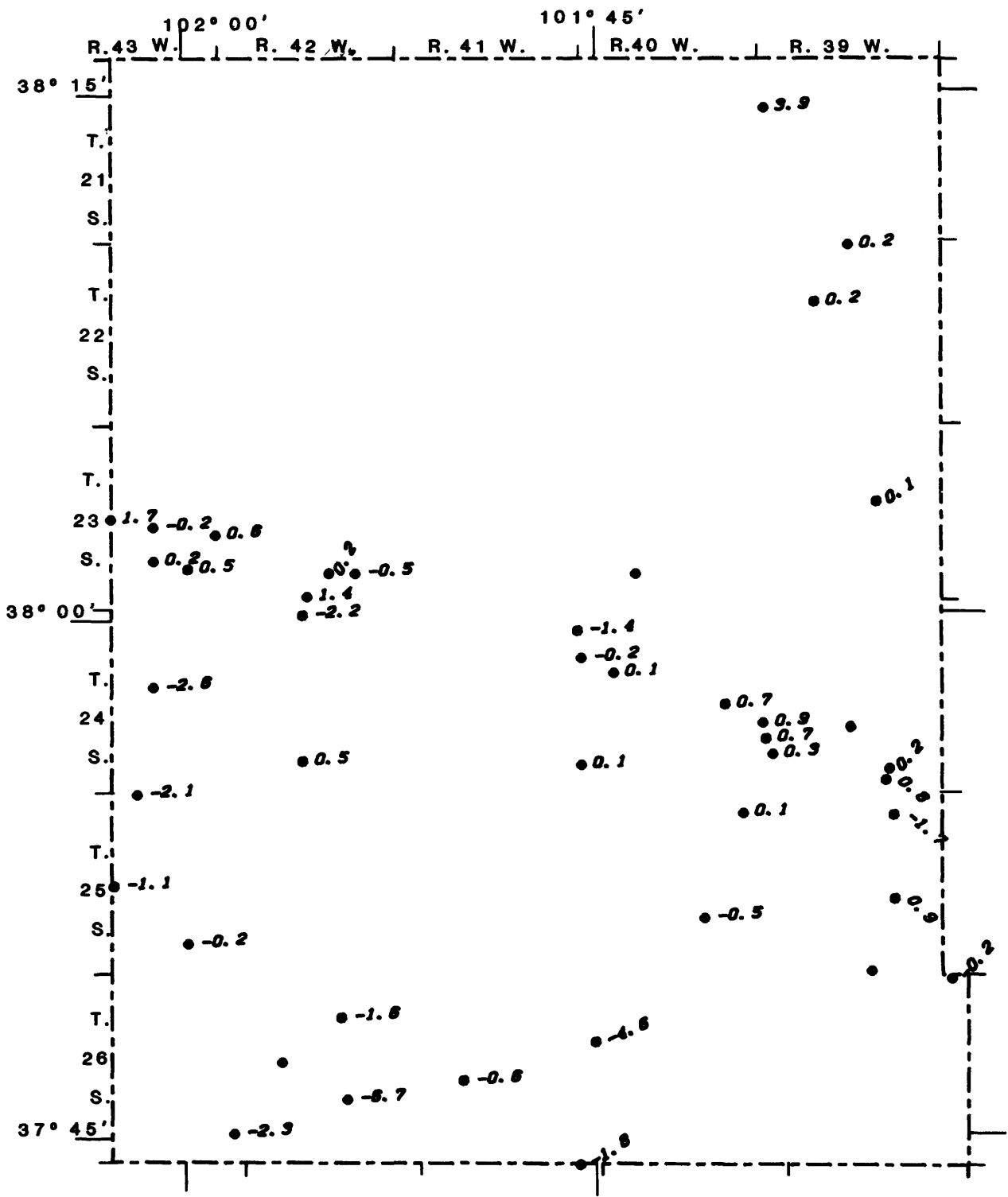
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
26S 42W 17CB 01	QU,TO,KJ	3458.	212	77	108.1	140.4	146.2	151.7	155.6	161.7	163.2	162.2
26S 42W 22CDB 01	QU,TO	3412.			93.1	134.2	143.0	143.7	152.2	152.2	153.5	162.2
26S 43W 25DCC 01	QU,TO,KJ	3508.				185.6	190.6	196.2	199.1	203.7	207.5	209.8

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
21S 39W 07C8A 01	TO	185.7	10	8.3	3.9	.2	.5	19	29	53
22S 39W 0388B 01	TO	183.2		8.1	.2		.5		16	
22S 39W 0800D 01	TO	176.5		2.0	.2		.1		38	
23S 39W 15ADD 01	QU,TO	129.5		.6	.1				15	
23S 40W 29DD8 01	KU	297.8		-57.5			-3.4			
23S 42W 19C8B 01	QA,QU	24.7	-5	-6	.6	-.1		47	42	-11
23S 42W 260CA 01	QA	28.4	1	-4.6	-.5		-.3	41	42	-2
23S 42W 2700S 01	QA	23.7	-1	-3.7	.2		-.2	47	46	-2
23S 42W 34C8B 01	QA	11.2	2	-1.5	1.4		-.1	45	47	4
23S 43W 21ABA 01	QA	13.9	1	1.2	1.7		.1	14	15	7
23S 43W 238CB 01	QA	21.9	-1	-1.3	-.2		-.1	47	46	-2
23S 43W 25C8D 02	QA	9.0	-1	-.2	.5		-.1	39	38	-3
23S 43W 268CC 01	QA	8.3	-1	-1.2	.2		-.1	15	14	-7
24S 39W 19CBC 01	QA	9.8	-4	-3.1	.9	-.1	-.2	59	55	-7
24S 39W 22CCB 01	QA									
24S 39W 3088D 01	QA	10.3	-1	-1.2	.7		-.1	68	67	-1
24S 39W 30CAD 01	QA	10.2	-4	-3.4	.3	-.1	-.2	62	58	-6
24S 39W 358AC 01	QA	9.8	-1	-4.4	.2		-.3	34	33	-3
24S 39W 35C8A 01	QU	16.4	-5	-5.0	.8	-.1	-.3	86	81	-6
24S 40W 07C8B 01	QA	16.4	-2	-2.5	-.2		-.1	44	42	-5
24S 40W 1789B 01	QA	15.6	-3		.1	-.1	-.2	58	55	-5
24S 40W 23AAB 01	QA	27.3	-1	-2.9	.7		-.1	78	77	-1
24S 40W 3188B 01	QU	65.1		-1.5	.1		-.1			
24S 41W 01DAD 01	QA,QU	25.8		-11.0	-1.4		-.6		19	
24S 42W 04AAD 01	QA	14.3	-7	-7.8	-2.2	-.2	-.5	37	30	-19
24S 42W 2800D 01	KJ	163.3		-3.3	.5		-.2			
24S 43W 14C8B 01	KJ	118.2	-4	-7.3	-2.8	-.1	-.4			
25S 39W 02CAD 01	QU,TO	36.5	-11	-6.6	-1.7	-.3	-.4	22	12	-45
25S 39W 2380D 01	QU,TO	91.3		-12.6	.9		-.7		42	
25S 39W 340CA 01	KJ									
25S 40W 01CA 01	QU	51.0	-5	-5.1	.1	-.1	-.3	12	7	-42
25S 40W 2688B 01	KJ	221.8	-9	-6.8	-.5	-.2	-.4			
25S 43W 03A8B 01	KJ	261.7		-71.1	-2.1		-4.2			
25S 43W 21AAB 01	KJ	143.1		-13.6	-1.1		-.8			
25S 43W 25CCD 01	QU,TO	147.6	-47	-26.2	-.2	-1.1	-1.5	124	77	-38
26S 39W 018AA 01	QU,TO	82.6		.3	-.2		-.2			
26S 41W 120CC 01	KJ	224.1		-37.5	-4.6		-2.2			
26S 41W 2088D 01	QU,TO	33.0	-16	-12.3	-.8	-.4	-.7	225	209	-7
26S 41W 36CCC 01	QU,TO	52.4	-17	-23.4	-1.8	-.4	-1.4	196	179	-9
26S 42W 108B 02	QU,TO	108.4	-56	-31.2	-1.8	-1.3	-1.6	193	137	-29

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
26S 42W 17C8 01	QU, T0, KJ									
26S 42W 22C08 01	QU, T0	162.2	-85	-69.1	-8.7	-2.0	-4.1	135	50	-63
26S 43W 25DCC 01	QU, T0, KJ	209.8			-2.3					



WATER-LEVEL CHANGE IN HAMILTON COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER 1983 (FEET)
				1940	1966	1977	1978	1979	1980	1981	1982	1983				
275 31W 078DA 01	QU,TO	2845.	518	89.0	109.6	110.9	114.0	117.1	120.3	121.0	124.3					124.3
275 31W 218BC 01	QU,TO	2836.	497	103.6	121.7	123.7		129.1	136.6	130.8	132.4					132.4
275 31W 240DC 01	QU,TO	2816.	366	97.8	121.5	124.0	128.0	131.4	139.8	143.4	140.0					140.0
275 31W 318CC 01	QU,TO	2895.	520	154.8	176.6	185.0	187.2	197.8	194.0	195.2	193.3					193.3
275 32W 06C8B 01	QU,TO	2905.	465	107	127.9	130.7	138.3	138.6		144.3	145.5					145.5
275 32W 13A8B 01	QU,TO	2841.	471			107.5	111.2	113.7	118.5	122.2	120.6					120.6
275 32W 19CCD 01	QU,TO	2906.	456	130.0	150.3	153.8	154.7	168.5	176.2	171.9	171.2					171.2
275 33W 290AA 01	QU,TO	2995.	540	186.3	223.8	229.8	237.1	246.8	252.0	252.5	257.0					257.0
275 33W 330CD 01	QU,TO,KU	2985.									268.2					
275 34W 160DD 03	QU,TO	2995.	465	140.0	154.7											
275 34W 280AA 02				213.9	213.9	209.1	214.6	218.9		224.3						
285 31W 03CCD 01		2887.	159			203.7	206.6	206.6	210.0	214.4						
285 31W 32A8B 01	QU,TO	2905.	515	191.4	216.5	217.8	221.6	225.4	231.8	233.1	236.0					236.0
285 31W 35CC8 01	QU,TO	2663.	443	171.9	185.8	193.3	199.9	207.3	201.7	202.8	205.6					205.6
285 32W 188BB 01	QU,TO	2951.	581	203.3	250.3	259.9	267.9	276.7	285.7							
285 32W 24BCC 01	QU,TO	2910.	549	181.5	205.7	207.6	210.9	215.8	215.4	218.1	219.6					219.6
285 32W 358BA 01	QU,TO	2912.	562	186.7	214.0	215.1	220.4	225.1	230.7	234.6	239.6					239.6
285 33W 21BCB 01		2973.		228.8				302.1		326.1	330.0					330.0
285 33W 24B8C 01	QU,TO	2944.	549	270.2	274.7	274.7	281.0	288.3	293.9							
285 34W 138BB 01	QU,TO	3022.	547	260.8	309.0	316.4	323.9	331.2	338.1	345.7	351.9					
285 34W 150AB 01	QU,TO	3020.	570	263.0	290.8	312.2	319.6	327.8		338.4						
285 34W 32ADD 01	QU,TO	3013.	553	239.4	284.5	292.4	302.3	306.5		316.9						
295 31W 09CB 01	QU,TO	2871.	466	169.4	189.2	195.9	202.5	201.7	201.3	202.7	204.8					204.8
295 31W 348CA 01	QU,TO	2858.	468	172.7	195.8	198.0	202.3	205.1	207.5							216.3
295 32W 048CC 01	QU,TO	2916.	571	198.0	223.9	225.6	231.3	230.2	232.9	239.1	245.0					245.0
295 32W 160AA 01	QU,TO	2915.	545	213.0	228.1	248.0	253.5	257.0	241.5	241.3	241.4					241.4
295 32W 19CCC 01	QU,TO	2923.	598	218.2	251.6	257.2	259.3	264.8		277.7	280.4					280.4
295 32W 228BB 01	QU,TO	2917.	552	204.1	232.7	236.3	236.3	237.8	238.9	237.8	239.1					239.1
295 32W 26C8B 02	QU,TO	2895.	191	204.1	232.7	236.3	239.3	248.1	245.9	246.1	255.5					255.5
295 33W 01AAB 01	QU,TO	2946.	601	226.3	276.0	293.1	299.8	309.3	319.8	319.8	326.9					326.9
295 33W 05ACA 01	QU,TO	2963.	588	222.9	272.7	282.4	290.1	293.3	299.4	306.4	310.2					310.2
295 33W 118BC 01	QU,TO	2953.	608	280.4	299.1	299.1	318.7	319.9	312.7	318.5	322.9					322.9
295 33W 288CB 01	QU,TO	2963.	558	268.2	270.5	279.4	279.4	288.4	285.3	291.5	296.4					296.4
295 34W 02ABB 01	QU,TO	2971.	541	209.5	257.0	263.0	272.1	276.8	284.2	290.4	302.9					302.9
295 34W 09C8B 01	QU,TO	3001.	549	228.3	271.6	277.8	284.8	289.6	297.5	303.6						
295 34W 248CC 01	QU,TO	2963.	548	198.5	245.6	264.0	272.2	277.2	282.2	284.0	284.8					284.8
295 34W 28CCD 01	QU,TO	2993.	538	222.5	256.7	268.6	268.6	272.6		283.1	287.2					287.2
295 34W 36C8B 01	QU,TO	2976.	556	267.4	272.1	282.2	282.2	280.9	280.5	283.1	287.2					287.2
305 31W 068BB 01	QU,TO	2879.	527	196.4	214.4	222.2	228.5	224.0	227.0	231.8	239.0					239.0
305 31W 248BB 01	QU,TC	2833.	543	167.2	183.5	190.9	197.3		201.0	205.9	208.6					208.6

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

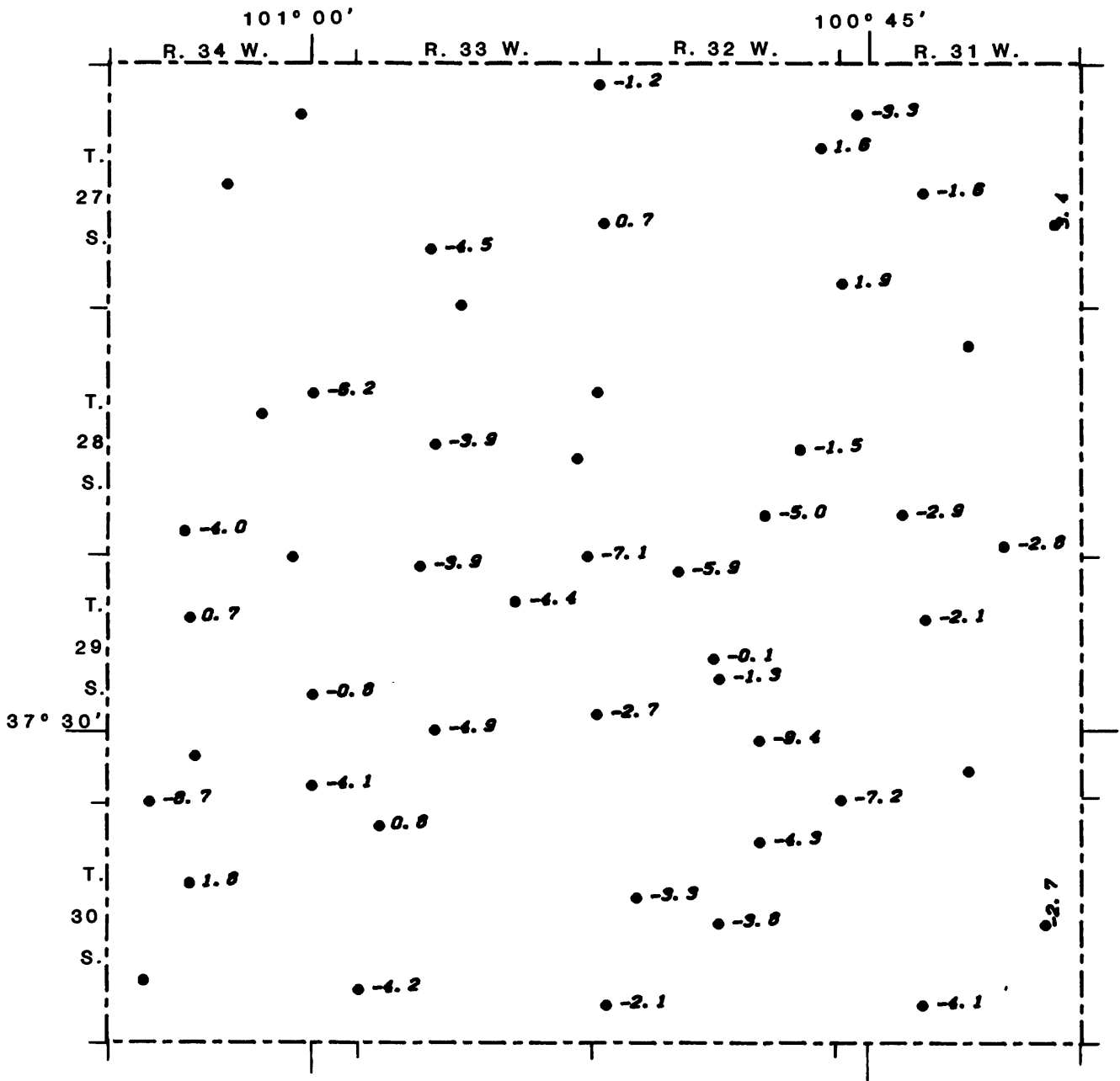
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1940	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
30S 31W 33888 01	QU,TO	2835.	495	162	200.3	203.8	203.8	207.1	214.0	214.8	216.7	220.8
30S 32W 11888 01	QU,TO	2885.	560	188	227.7	237.5	237.5	243.6	245.9	248.1	250.9	255.2
30S 32W 178CC 01	QU,TO	2910.	558	200	244.2	251.4	259.3	262.5	268.3	268.3	270.4	273.7
30S 32W 22888 01	QU,TO	2876.	512	176	192.3	214.6	217.1	225.7	232.5	239.7	244.8	248.6
30S 32W 318AB 01	QU,TO	2906.	466	194	202.0	233.0	233.0	246.0	256.8	259.8	268.5	270.6
30S 33W 06080 01	QU,TO	2986.	596	233	241.4	276.0	276.0	284.9	292.0	293.4	303.9	303.1
30S 33W 30C80 01	QU,TO	2963.	513	215	219.7	239.7	239.7	245.6	239.1	240.5	249.6	253.8
30S 34W 05888 01	QU,TO	3006.	531	223	232.7	270.2	270.2	275.5	288.7	295.3	307.2	315.9
30S 34W 16888 01	QU,TO	2983.	508	207	210.5	235.8	239.3	247.8	254.3	260.3	265.7	264.1
30S 34W 30ADD 02		2843.		63						91.2		93.8

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
27S 31W 078DA 01	QU,TO	124.3	-32	-35.3	-3.3	-.7	-2.1	426	394	-8
27S 31W 218BC 01	QU,TO	132.4	-33	-28.7	-1.6	-.8	-1.7	398	365	-8
27S 31W 24CDC 01	QU,TO	140.0	-46	-42.2	3.4	-1.1	-2.5	272	226	-17
27S 31W 318CC 01	QU,TO	193.3	-42	-38.5	1.9	-1.0	-2.3	369	327	-11
27S 32W 06C9B 01	QU,TO	145.5	-39	-1.2	-1.2	-.9		358	320	-11
27S 32W 13A8B 01	QU,TO	120.6	-36		1.6	-.8		386	350	-9
27S 32W 19CCD 01	QU,TO	171.2	-53	-41.2	.7	-1.2	-2.4	338	285	-16
27S 33W 290AA 01	QU,TO	257.0	-63	-70.7	-4.5	-1.5	-4.2	346	283	-18
27S 33W 330CD 02										
27S 34W 16DDD 03	QU,TO									
27S 34W 28DAA 02										
28S 31W 03CCD 01										
28S 31W 3248B 01	QU,TO	236.0	-49	-44.6	-2.9	-1.1	-2.6	328	279	-15
28S 31W 35CCB 01	QU,TO	205.6	-50	-33.7	-2.8	-1.2	-2.0	287	237	-17
28S 32W 1888B 01	QU,TD									
28S 32W 24BCC 01	QU,TO	219.6	-45	-38.0	-1.5	-1.0	-2.2	374	329	-12
28S 32W 3588A 01	QU,TO	239.6	-58	-52.9	-5.0	-1.3	-3.1	380	322	-15
28S 33W 218CB 01		330.0		-101.2	-3.9		-6.0			
28S 33W 24DBC 01	QU,TO									
28S 34W 1388B 01	QU,TO	351.9	-105	-91.1	-6.2	-2.4	-5.4	300	195	-35
28S 34W 150AB 01										
28S 34W 32ADD 01	QU,TO	320.9	-102	-81.5	-4.0	-2.4	-4.8	334	232	-31
29S 31W 09CB 01	QU,TO	204.8	-39	-35.3	-2.1	-.9	-2.1	300	261	-13
29S 31W 348CA 01	QU,TO	216.3	-48	-43.5		-1.1	-2.6	300	252	-16
29S 32W 048CC 01	QU,TO	245.0	-61	-47.0	-5.9	-1.4	-2.8	387	326	-16
29S 32W 160AA 01	QU,TO	241.4	-42	-28.4	-.1	-1.0	-1.7	346	304	-12
29S 32W 19CCC 01	QU,TO	280.4	-72	-62.2	-2.7	-1.7	-3.7	390	318	-18
29S 32W 2288B 01	QU,TO	239.1	-34		-1.3	-.8		347	313	-10
29S 32W 26C9B 02	QU,TO	255.5	-65	-51.4	-9.4	-1.5	-3.0			
29S 33W 01AAB 01	QU,TC	326.9	-114	-100.6	-7.1	-2.7	-5.9	388	274	-29
29S 33W 05ACA 01	QU,TO	310.2	-100	-87.3	-3.6	-2.3	-5.1	378	278	-26
29S 33W 118BC 01	QU,TO	322.9	-101		-4.4	-2.3		366	285	-26
29S 33W 288CB 01	QU,TO	296.4	-84		-4.9	-2.0		346	262	-24
29S 34W 02A8B 01	QU,TO									
29S 34W 09C9B 01	QU,TO	302.9	-95	-74.5	.7	-2.2	-4.4	341	246	-28
29S 34W 248CC 01	QU,TO	284.8	-92	-86.3	-.8	-2.1	-5.1	355	263	-26
29S 34W 28CCD 01	QU,TO									
29S 34W 36CBC 01	QU,TO	287.2	-74		-4.1	-1.7		343	269	-22
30S 31W 0688B 01	QU,TO	239.0	-53	-42.5	-7.2	-1.2	-2.5	341	288	-16
30S 31W 2488B 01	QU,TO	208.6	-44	-41.4	-2.7	-1.0	-2.4	378	334	-12

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
30S 31W 33888 01	QU,TO	220.8	-59	-52.8	-4.1	-1.4	-3.1	333	274	-18
30S 32W 11888 01	QU,TO	255.2	-67	-62.0	-4.3	-1.6	-3.6	372	305	-18
30S 32W 178CC 01	QU,TO	273.7	-74	-56.2	-3.3	-1.7	-3.3	358	284	-21
30S 32W 22888 01	QU,TO	248.6	-73	-68.6	-3.8	-1.7	-4.0	336	263	-22
30S 32W 318AB 01	QU,TO	270.6	-77	-61.7	-2.1	-1.8	-3.6	272	195	-28
30S 33W 0688D 01	QU,TO	303.1	-70	-34.0	.8	-1.6	-2.0	363	293	-19
30S 33W 30C8D 01	QU,TO	253.8	-39	-83.1	-4.2	-2.2	-4.9	298	259	-13
30S 34W 05888 01	QU,TO	315.9	-93	-53.5	-8.7	-1.3	-3.1	308	215	-30
30S 34W 16888 01	QU,TO	264.1	-57		1.6	-1.3		301	244	-19
30S 34W 30ADD 02		93.8	-31			-2.7				



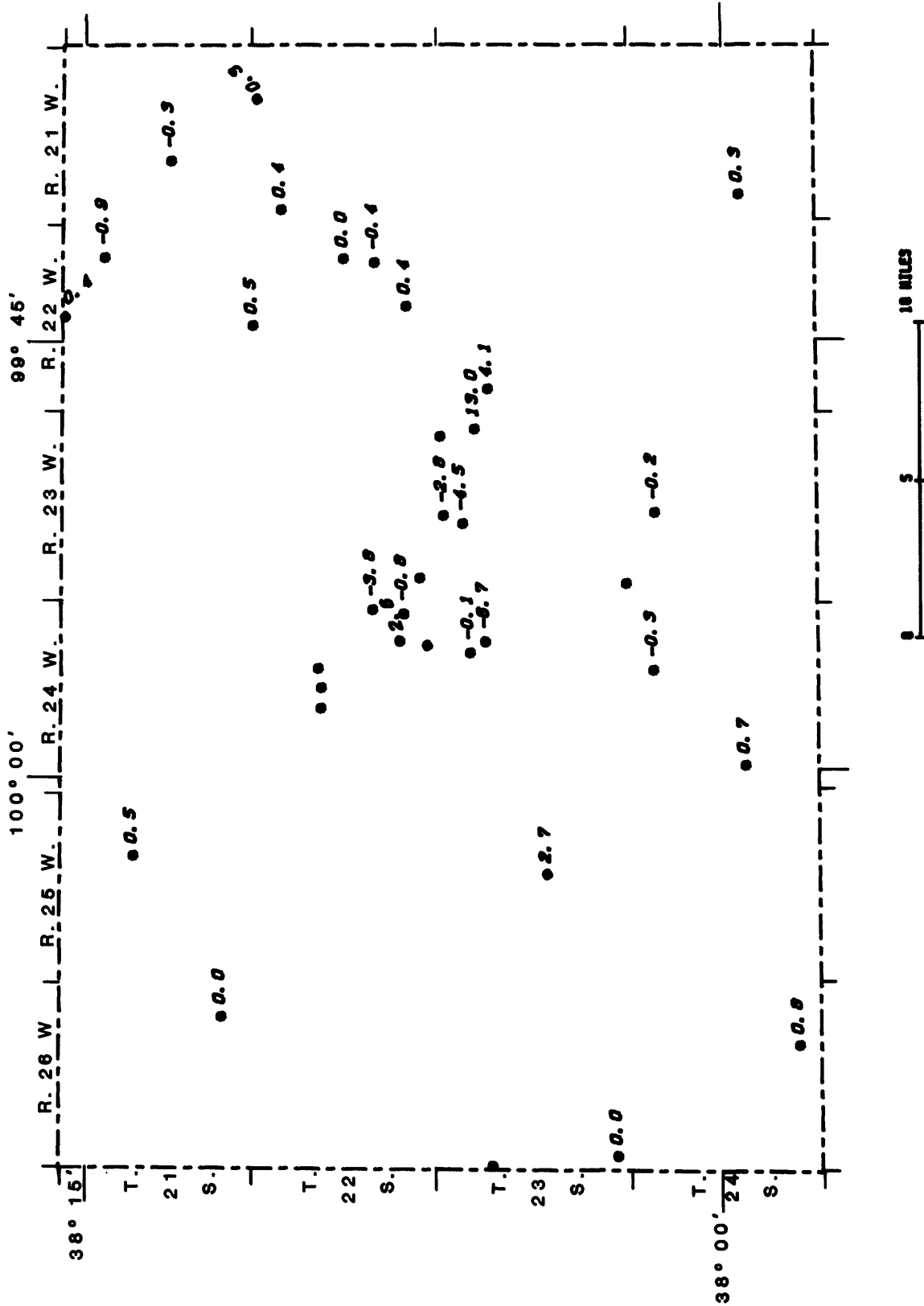
WATER-LEVEL CHANGE IN HASKELL COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983			
21S 21W 218CC 01	QA	2134.	72	32	44.5	45.6	45.9	46.4	46.6	46.9					
21S 22W 038BA 01	QA	2170.	80	30	40.6	42.1	40.3	41.4	43.6	43.2					
21S 22W 128CB 01	QA	2156.			48.6	51.7	51.6	50.2	50.2	51.1					
21S 25W 148CB 01	QA	2309.	79		32.0	33.3	30.8	33.8	33.8	33.3					
21S 26W 35AAC 01	QA	2378.	78		40.1	38.4	36.0	36.3	36.7	36.7					
22S 21W 028BC 01	QA	2122.	105	32	41.3	42.9	44.1	42.1	41.6	41.3					
22S 21W 06DCC 01	QA	2138.	88	24	32.3	34.1	31.0	32.6	31.1	30.7					
22S 22W 04AAA 01	QA	2201.	111	32	24.2	24.9	22.8	22.6	21.9	21.4					
22S 22W 13CCC 01	QA	2152.			32.1	33.5	28.5	29.7	28.3	28.3					
22S 22W 230DD 01	QA	2159.	84	27	28.5	29.7	24.9	26.2	24.2	24.6					
22S 22W 27DCC 01	QA	2167.	58	27	30.8	32.9	27.9	28.8	25.0	24.6					
22S 23W 31ADD 01		2340.			157.8	167.1	163.8	143.5	143.5						
22S 24W 148BC 01		2460.				303.7	226.9	276.7	276.7						
22S 24W 158DA 01		2463.				304.2		278.0	278.0						
22S 24W 16ADB 02		2465.			311.4	301.2		271.7	271.7						
22S 24W 240DD 01		2360.			199.6	198.8	180.8	170.2	170.2	174.0					
22S 24W 25DDC 01		2332.			160.1	172.2	154.6	145.9	145.9	146.5					
22S 24W 26DDA 01		2365.			168.5	159.5	159.0	159.6	159.6	157.0					
22S 24W 35DAC 01		2312.			153.7	144.8	155.9	137.4	126.4						
23S 22W 07DAA 01		2239.			96.3	89.8	94.1	83.0	83.0	78.9					
23S 23W 018AA 01	QA	2205.	75	23	38.4	33.8	33.8	33.5	33.9	36.7					
23S 23W 04AAD 01		2235.			44.0	49.6	36.5	43.0	33.9	36.7					
23S 23W 04DCA 01		2236.			52.2	55.2	42.1	35.0	35.9	40.4					
23S 23W 12ABD 01		2256.			94.4	96.5			96.7	83.0					
23S 24W 11A9B 01	QA	2281.	56		24.9	26.2	21.2	22.1	19.7	19.8					
23S 24W 11DAA 01		2335.			177.5	176.1	170.7	163.2	145.4	152.1					
23S 25W 2208B 01		2522.			276.3	280.4		275.6	267.5	264.8					
23S 26W 07CCC 01		2612.			330.2	320.2	315.3	327.7	267.5	264.8					
23S 26W 31CDD 01	TO	2621.	122	71	68.1	71.6	71.4	71.3	70.6	70.6					
24S 21W 20C8B 01		2348.			79.2	79.0	78.3	78.8	77.6	77.3					
24S 23W 03CCC 01	TO	2422.	90		57.1	58.5	58.6	56.2	56.1	56.3					
24S 23W 06AAB 01		2457.			228.7	226.4	219.9	220.6	220.6	264.0					
24S 24W 02CCC 01	TO	2478.	90		51.5	52.5	53.0	54.6	54.6	54.9					
24S 24W 20CCC 01	TO	2511.	86		65.0	64.9	64.2	64.3	65.8	65.1					
24S 26W 35CBC 01	TO	2608.	63		63.2	63.5	62.4	62.8	62.4	61.6					

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
21S 21W 218CC 01	QA	46.9	-15		-3	-0.3		40	25	-38
21S 22W 038BA 01	QA	43.2	-13		.4	-0.3		50	37	-26
21S 22W 128CB 01	QA	51.1		-15.6	-0.9					
21S 25W 148CB 01	QA	33.3			.5				46	
21S 26W 35AAC 01	QA	36.7			0.0				41	
22S 21W 028BC 01	QA	41.3	-9		.3	-0.2		73	64	-12
22S 21W 06DCC 01	QA	30.7	-7		.4	-0.2		64	57	-11
22S 22W 04AAA 01	QA	21.4	11		.5	.3		79	90	14
22S 22W 13CCC 01	QA	26.3		-4.3	0.0					
22S 22W 230DD 01	QA	24.6	2		-0.4			57	59	4
22S 22W 27DCC 01	QA	24.6	2		.4			31	33	6
22S 23W 31ADD 01										
22S 24W 1482C 01										
22S 24W 1580A 01										
22S 24W 16ADB 02										
22S 24W 240DD 01		174.0			-3.8					
22S 24W 250DC 01		146.8			-0.6					
22S 24W 260DA 01		157.0			2.6					
22S 24W 350AC 01					4.1					
23S 22W 07DAA 01		78.9								
23S 23W 018AA 01	QA									
23S 23W 04AAD 01		36.7			-2.8					
23S 23W 040CA 01		40.4			-4.5					
23S 23W 12ABD 01		83.0			13.0				36	
23S 24W 11A8B 01	QA	19.8			-0.1					
23S 24W 11DAA 01		152.1			-6.7					
23S 25W 22D8B 01		264.8			2.7					
23S 26W 07CCC 01					0.0			51	51	
23S 26W 31C0D 01	TO	70.6			.3					
24S 21W 20C8B 01		77.3								
24S 23W 03CCC 01	TO	56.3			-0.2				34	
24S 23W 06AAB 01										
24S 24W 02CCC 01	TO	54.9			-0.3				35	
24S 24W 20CCC 01	TO	65.1			.7				21	
24S 26W 35CBC 01	TO	61.6	1		.8					



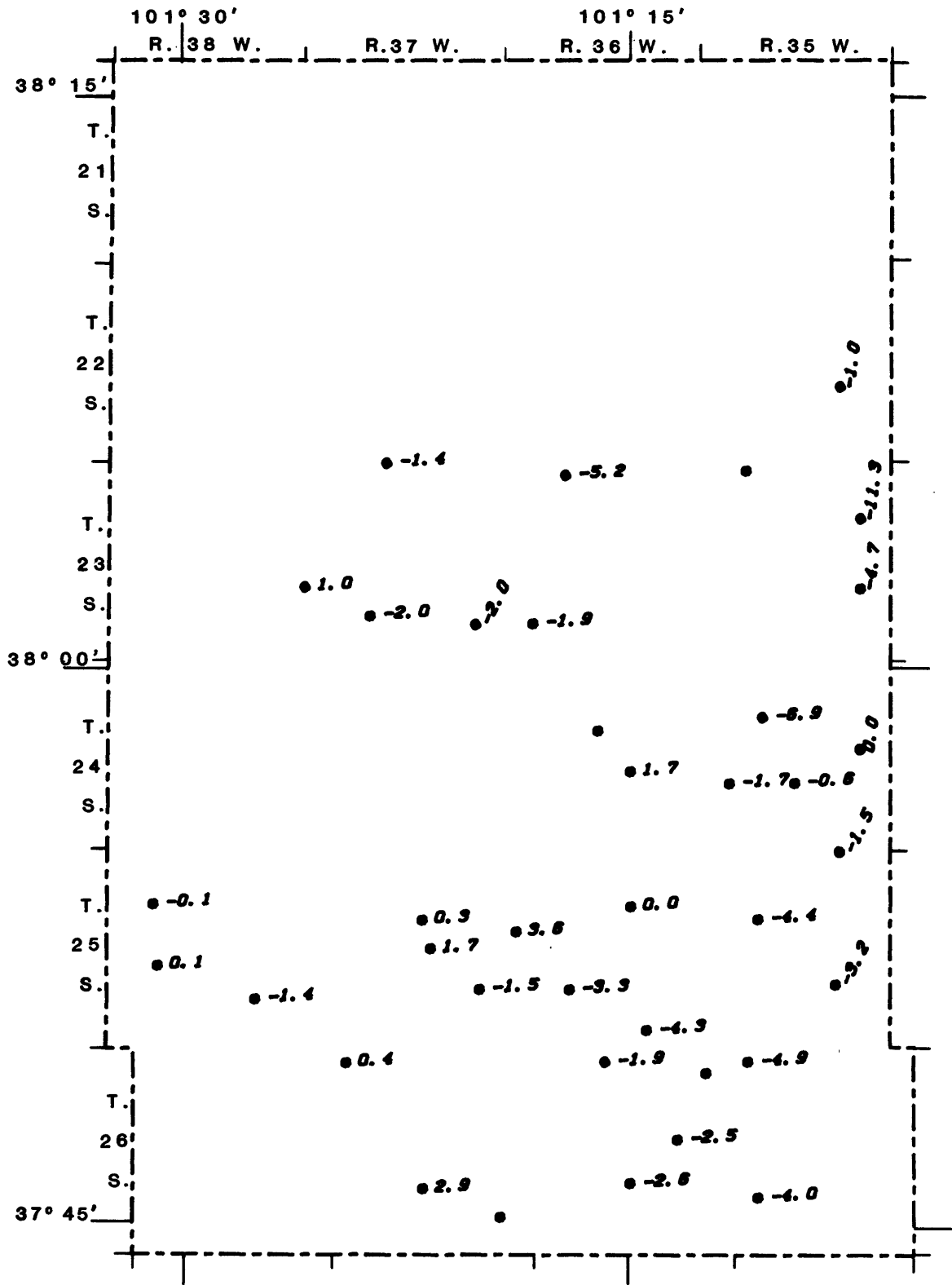
WATER-LEVEL CHANGE IN HODGEMAN COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1940 (FEET)	1966 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	
225 35W 23C0D 01	T0	3025.	175	107.6	123.0	124.6	125.4	126.0	127.4	128.4			
235 35W 05ACC 01	T0	3096.	180	122.7	142.7	148.9	149.6	149.1	156.8	168.1			
235 35W 12CCC 01	QU,T0	3009.	369	79.1	128.8	140.2	150.7	159.4	128.0	132.7			
235 35W 28CCB 02	QU,T0	3005.	385	59.1	99.0	112.4	119.4	143.7	142.2	147.4			
235 36W 04CBB 01	T0	3183.	198	132.9	141.1	142.6	142.6	143.7	142.2	147.4			
235 36W 32BBB 01	T0	3234.	305	218.0	236.3	236.9	237.6	236.8	236.6	238.5			
235 37W 04ABC 01	T0	3281.	233			188.6	188.7	189.0	188.8	190.2			
235 37W 19CCC 01	T0	3326.	294	232.9	254.2	255.6	258.4	257.9	256.7	255.7			
235 37W 28CCB 01	T0	3303.	300	236.9	255.8	259.6	260.5	257.9	256.9	258.9			
235 37W 36RAB 01	T0	3263.	310	229.7	252.4	255.9	251.8	252.8	250.7	252.7			
245 35W 09CCC 01	QU,T0	2998.	358	31.0	43.6	49.5	54.2	50.6	55.7	64.6			
245 35W 13CCC 02	QA	2941.	346	8.2	18.7	21.2	22.6	22.7	23.7	23.7			
245 35W 20CCC 02	QA	2973.	328	9.6	20.5	24.0	27.0	28.7	26.6	28.3			
245 35W 22CCC 02	QA	2962.	337	7.1	19.2	25.1	27.4	26.8	27.5	28.3			
245 36W 15BCB 01	QU,T0	3074.	190	75.1	97.8	103.9	106.6	107.7		107.0			
245 36W 23CBB 02	QU,T0	3014.	310	24.8	34.6	38.1	40.6		40.5	38.8			
255 35W 02BAA 01	QU,T0	2990.	400		78.6	86.1	85.5	91.1	94.3	95.8			
255 35W 17AAA 01	QU,TC	2995.	405		65.3	69.7	80.9	82.3	84.5	88.9			
255 35W 26BAB 01	QU,T0	3005.	450		84.9	85.7	100.3	103.8	109.2	112.4			
255 36W 11CBC 01	QA	3005.	355	13.3	23.2	27.4	29.7	30.2	30.0	30.0			
255 36W 18ACC 01	T0	3033.	233	15.5	26.3	31.8	35.0	30.5	30.9	27.1			
255 36W 28BB 01	QU,T0	3050.	362	51	71.6	66.1	73.4	86.0	90.2	93.5			
255 36W 35ACC 01	QU	3025.	366	56.9	73.7	80.0	83.8	87.9	88.9	93.2			
255 37W 15ABA 02	QA	3050.	30	5	12.5	12.0	13.5	9.6	9.9	9.6			
255 37W 15DD 01	QA	3051.	66	12.9	16.1	16.7	17.8	13.9	15.3	13.6			
255 37W 25BAD 02	QU,TC,KJ	3056.		38.1	53.6	59.0	61.5	63.4	64.9	66.4			
255 38W 08CAA 01	QU,TC,KJ	3140.		37.5	44.8	42.7	43.2	43.7	44.4	44.5			
255 38W 20ACC 01	QU,TC,KJ	3175.		63.2	68.2	69.2	69.3	70.5	70.7	70.6			
255 38W 26ACC 01	QU,T0	3145.	145	65.4	70.5	71.7	72.8	77.4	79.9	81.3			
265 35W 06ADA 01	QU	3008.	418	60.7	80.4	81.0	81.0	89.9	91.0	95.9			
265 35W 29BB 01		3045.	113		70.5	69.9	78.2	157.9	163.6	167.6			
265 36W 01DB 01	QU	3010.	400	55.8	71.6	74.1	74.1	79.9	83.4	89.8			
265 36W 04BDA 01	QU	3034.	354	50.2	69.7	68.8	74.0	80.4	83.9	86.4			
265 36W 14ACD 01	QU	3013.	363		62.9	65.8	74.0	80.4	83.9	86.4			
265 36W 22CCA 01		3090.	55		62.9	65.8	74.0	80.4	83.9	86.4			
265 37W 06ACB 01	QU,T0	3092.	102	26.1	27.7	29.7	35.3	30.5	30.3	29.9			
265 37W 21DD 01	QU,T0	3056.	319	57.8	77.1	80.9	83.5	96.8	96.8	93.9			
265 37W 25CDB 01	QU	3082.	372	105.0	134.0	135.5	139.1	143.4	143.4	133.6			

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
22S 35W 23CDD 01	TO	128.4	-33	-20.8	-1.0	-0.8	-1.2	80	47	-41
23S 35W 05ACC 01	TO									
23S 35W 12CCC 01	QU,TO	168.1	-101	-89.0	-11.3	-2.3	-5.2	302	201	-33
23S 35W 2588B 02	QU,TO	132.7	-87	-73.6	-4.7	-2.0	-4.3	339	252	-26
23S 36W 04CBB 01	TO	147.4	-5	-14.5	-5.2	-1	-0.9	56	51	-9
23S 36W 3288B 01	TO	238.5	-50	-20.4	-1.9	-1.2	-1.2	116	67	-42
23S 37W 04ABC 01	TO	190.2	-7		-1.4	-0.2		50	43	-14
23S 37W 19CCC 01	TO	255.7	-33	-22.8	1.0	-0.8	-1.3	71	38	-46
23S 37W 28CCB 01	TO	258.9	-41	-21.9	-2.0	-1.0	-1.3	82	41	-50
23S 37W 36BAB 01	TO	252.7	-48	-23.0	-2.0	-1.1	-1.4	105	57	-46
24S 35W 09CCC 01	QU,TO	64.6	-35	-33.6	-8.9	-0.8	-2.0	328	293	-11
24S 35W 13CCC 02	QA	23.7	-12	-15.4	0.0	-0.3	-0.9	334	322	-4
24S 35W 20CCC 02	QA	28.3	-13	-18.6	-1.7	-0.3	-1.1	313	300	-4
24S 35W 22CCC 02	QA	28.3	-6	-21.1	-0.8	-1	-1.2	315	309	-2
24S 36W 158CB 01	QU,TO	107.0	-41	-31.9		-1.0	-1.9	124	83	-33
24S 36W 23CBB 02	QU,TO	38.8	-13	-13.9	1.7	-0.3	-0.8	284	271	-5
25S 35W 028AA 01	QU,TO	95.8	-44		-1.5	-1.0		348	304	-13
25S 35W 17AAA 01	QU,TO	88.9	-52	-4.4	-4.4	-1.2		368	316	-14
25S 35W 26BAB 01	QU,TO	112.4	-42		-3.2	-1.0		380	338	-11
25S 36W 11CBB 01	QA	30.0	-15	-16.7	0.0	-0.3	-1.0	340	325	-4
25S 36W 18ACC 01	TO	27.1	-8	-11.6	3.8	-0.2	-0.7	214	206	-4
25S 36W 288BD 01	QU,TO	93.5	-43	-36.3	-3.3	-1.0	-2.1	311	269	-14
25S 36W 35ACC 01	QU	93.2	-42		-4.3	-1.0		315	273	-13
25S 37W 15ABA 02	QA	9.6	-5		.3	-1		25	20	-20
25S 37W 150DD 01	QA	13.6	-2	-0.6	1.7		-2.1	54	52	-4
25S 37W 25BAD 02	QU,TO,KJ	66.4	-55	-28.3	-1.5	-1.7	-1.7			
25S 38W 09CAA 01	QU,TO,KJ	44.5	-42	-6.9	-1	-0.4	-0.4			
25S 38W 20ACC 01	QU,TO,KJ	70.6	-33	-7.3	.1	-0.4	-0.4			
25S 38W 26ACC 01	QU,TO	81.3	-18	-15.9	-1.4	-0.4	-0.9	82	64	-22
26S 35W 06ADA 01	QU	95.9	-38	-35.2	-4.9	-0.9	-2.1	360	322	-11
26S 35W 2988D 01	QU	167.6	-55	-4.0		-1.3				
26S 36W 0108B 01	QU	89.8	-42		-1.9	-1.0	-1.7	352	310	-12
26S 36W 048DA 01	QU	85.3	-33	-29.4		-0.8	-2.1	302	269	-11
26S 36W 14ACD 01	QU	86.4	-31	-36.2	-2.5	-0.7	-2.1	308	277	-10
26S 36W 22CCA 01		163.3			-2.6					
26S 37W 06ACB 01	QU,TO	29.9	-53	-3.8	.4	-1.2	-0.2	278	72	-19
26S 37W 210DD 01	QU,TO	93.9		-36.0	2.9		-2.1		225	
26S 37W 25CDB 01	QU									



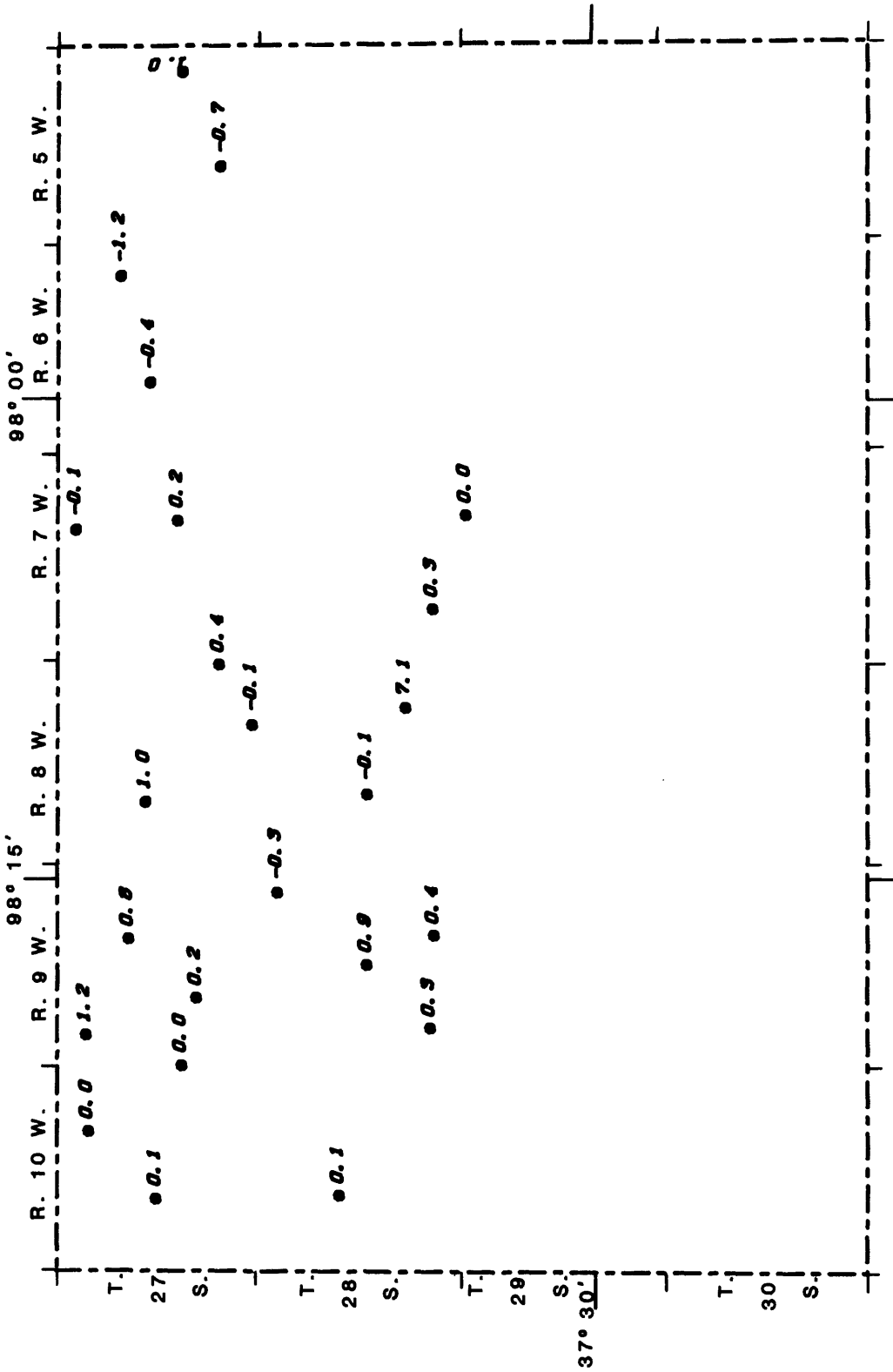
WATER-LEVEL CHANGE IN KEARNY COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1974	1977	1978	1979	1980	1981	1982	1983		
275 05W 24C0C 01	QU	1477.		14	12.6	17.1	16.7	17.1	16.4	15.4			
275 05W 33A8B 02	QU	1460.		25	4.0	8.9	4.2	6.8	7.5				
275 06W 12C0D 01	QU	1488.		7	6.6	11.4	6.2	13.5	9.6	10.8			
275 06W 16C0B 01	QU	1462.		1	.9	3.3	1.9	3.9	2.9	3.3			
275 07W 03ADC 01	QU	1545.		20	8.2	10.5	8.9	12.8	11.0	11.1			
275 07W 23B0C 01	QU	1567.	14		7.3	8.9	7.9	8.4	8.6	8.4			
275 08W 17DAB 01	QU	1665.		45	34.4	35.5	35.4	35.5	37.2	36.2			
275 08W 25DAD 01	QU	1622.						20.5	21.3	20.9			
275 08W 35C8C 01	QU	1610.		32	20.4	22.7	21.4	23.9	21.7	21.8			
275 09W 06D0B 01	QU	1727.		37	51.5		51.9	45.1	47.4	46.2			
275 09W 15ABA 01	QU	1702.		50	49.8	49.3	48.6	48.4	49.1	48.3			
275 09W 29AAA 01	QU	1700.		30				23.3	23.8	23.6			
275 10W 03D0D 01	QU	1743.		33	51.0	51.2	50.0	53.2	50.9	50.9			
275 10W 17D0D 01	QU	1755.	171	77	61.9	61.9	61.7	61.3	62.7	62.6			
275 10W 24DAD 01	QU	1692.		20	16.0		18.0	15.3	15.9	15.9			
285 07W 29C0D 01	QU	1601.		30	26.6	27.7	27.2	27.3	27.3	27.0			
285 07W 35C0D 01	QU	1585.		23	21.9	22.7	20.0	22.2	21.9	21.9			
285 08W 21B8B 01	QU	1562.	49	1	2.3	2.8	2.3	2.6	2.5	2.6			
285 08W 26A8C 01	QU	1652.		77	63.2	62.3	61.9	65.1	76.1	69.0			
285 09W 01B0C 01	QU	1580.		15	7.5	8.4	7.2		7.4	7.7			
285 09W 21AAA 01	QU	1666.	118	34	28.1	29.9	29.9	29.3	29.8	28.9			
285 09W 29C0C 01	QU	1708.	107	30	32.7	34.3	34.2	34.1	34.1	33.8			
285 09W 34AAB 01	QU	1690.		41	42.8	44.8	44.8	44.7	44.6	44.2			
285 10W 16B0B 01	QU	1756.		51	50.2	51.2	51.1	50.6	50.9	50.8			

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
27S 05W 24C0C 01	QU	15.4	-1	-2.8	1.0	.3	-.3			
27S 05W 33A8B 02	QU	7.5	18	-3.5	-.7	.5	-.4			
27S 06W 12C0C 01	QU	10.8	-4	-4.2	-1.2	-.1	-.5			
27S 06W 16C0B 01	QU	3.3	-2	-2.4	-.4	-.1	-.3			
27S 07W 03A0C 01	QU	11.1	9	-2.9	-.1	.2	-.3			
27S 07W 23B0C 01	QU	8.4		-1.1	.2	-.1	-.1		6	
27S 08W 17D0B 01	QU	36.2	9	-1.8	1.0	.2	-.2			
27S 08W 25D0D 01	QU	20.9			.4					
27S 09W 35C0C 01	QU	21.8	10	-1.4	-.1	.3	-.2			
27S 09W 06D0B 01	QU	46.2	-9	5.3	1.2	-.2	.6			
27S 09W 15A8A 01	QU	48.3	2	1.5	.8	.1	.2			
27S 09W 29AAA 01	QU	23.6	6		.2	.2				
27S 10W 03D0D 01	QU	50.9	-18	.1	0.0	-.5				
27S 10W 17D0D 01	QU	62.6	14	-.7	.1	.4	-.1	94	108	15
27S 10W 24D0D 01	QU	15.9	4	.1	0.0	.1				
28S 07W 29C0D 01	QU	27.0	3	-.4	.3	.1				
28S 07W 35C0D 01	QU	21.9	1		0.0					
28S 08W 21B0B 01	QU	2.6	-2	-.3	-.1	-.1		48	46	-4
28S 08W 26ABC 01	QU	69.0	8	-5.8	7.1	.2	-.6			
28S 09W 01B0C 01	QU	7.7	7	-.2	-.3	.2				
28S 09W 21AAA 01	QU	28.9	5	-.8	.9	.1	-.1	84	89	6
28S 09W 29C0C 01	QU	33.8	-4	-1.1	.3	-.1	-.1	77	73	-5
28S 09W 34A0B 01	QU	44.2	-3	-1.4	.4	-.1	-.2			
28S 10W 16B0B 01	QU	50.8		-.6	.1		-.1			



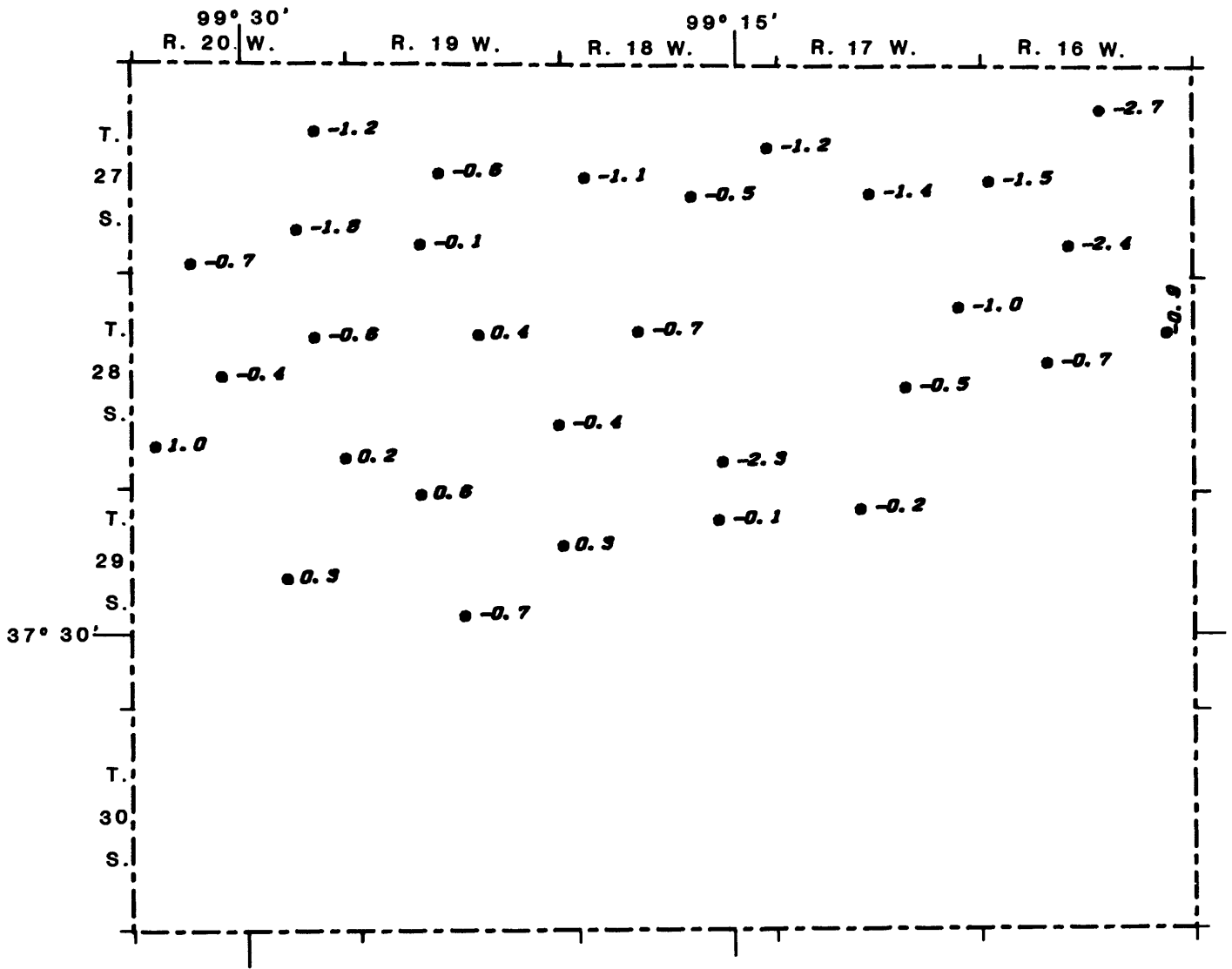
WATER-LEVEL CHANGE IN KINGMAN COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1944	DEPTH TO WATER (FEET) 1974	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
27S 16W 108AC 01	QU	2088.		28	12.1		21.8	21.8	21.9	22.3	23.0	25.7
27S 16W 198BD 01	QU	2112.		37	20.3			28.7	28.7	29.5	30.3	31.8
27S 16W 28C00 01	QU	2120.		65	56.7		60.2	60.2	61.5	61.5	62.5	64.9
27S 17W 21ADC 01	QU	2140.		39	24.4	30.2	31.5	31.5	32.1	33.0	33.0	34.4
27S 18W 13AAA 01	QU	2152.	219	24	15.6	20.5	18.9	18.9	21.3	21.6	22.9	24.1
27S 18W 18D0C 01	QU	2192.		26	15.7	15.1	15.7	15.7	15.7	21.2	17.0	18.1
27S 18W 22ADC 01	QU	2175.		29	14.1		21.5	21.5	21.0	21.2	23.2	23.7
27S 19W 16D8D 01	QU	2249.		50	45.2		48.5	48.5	48.5	50.1	51.6	52.4
27S 19W 28C8D 01	QU	2262.		60	67.9		70.1	70.1	70.1	71.8	73.2	73.3
27S 20W 128CD 01	QU	2272.		47	40.1		39.5	39.5	39.2	40.6	41.1	42.3
27S 20W 26ABD 01	QU	2274.		38	40.6	40.7	40.5	43.2	42.2	41.8	42.5	44.3
27S 20W 32ABD 01	QU	2308.		36	45.2		44.4	44.4	44.5	44.7	44.5	45.2
28S 16W 12BCA 01	QU	2111.		92	101.0		96.7	96.7	98.5	97.7	98.2	99.1
28S 16W 17AAC 01	QU	2165.		120	118.0		119.4	119.4	119.9	115.6	115.6	116.3
28S 17W 01CAB 01	QU	2135.		65	55.6		56.8	56.8	57.1	57.9	58.6	59.6
28S 17W 15D0B 01	QU	2178.		105	96.0		94.7	94.7	95.3	95.4	95.5	96.0
28S 18W 09BAC 01	QU	2221.	182	66	61.7		61.9	61.9	62.0	62.6	63.3	64.0
28S 18W 19CCB 01	QU	2268.		103	88.0		86.4	86.4	86.9	87.6	87.7	88.1
28S 18W 26DCA 01	QU	2231.		119	119.0		117.8	117.8	118.0	117.7	117.7	120.0
28S 19W 10AAC 01	QU						90.8	90.8		92.9	92.9	92.5
28S 19W 30C8C 01	QU	2335.		116	115.0		113.4	113.4	113.1	113.7	112.9	112.7
28S 19W 33C8D 01	QU	2325.		133	134.0		133.4	133.4	133.5	133.8	133.9	133.1
28S 20W 128BD 01	QU	2288.		64	55.7		55.1	55.4	55.4	55.8	56.3	56.9
28S 20W 16ACB 01	QU	2322.		63	58.6		57.8	57.8	57.9	58.4	58.5	58.9
28S 20W 30ACA 01	QU	2319.		32	39.4		37.6	37.6	40.9	41.5	42.4	41.4
29S 17W 04ABC 01	QU	2125.		60	50.0		51.6	51.6	51.7	51.4	51.9	52.1
29S 18W 02ACC 01	QU	2251.					143.8	143.8		143.6	143.3	143.4
29S 18W 078BD 01	QU	2311.		155	153.5		156.5	156.5	154.1	155.2	154.1	153.8
29S 19W 228AA 01	QU	2340.		158	157.0		156.5	156.5	156.5	156.8	155.6	156.3
29S 20W 11CDD 01	QU	2398.		170	168.0		167.2	167.2	167.0	167.4	167.4	167.1

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
27S 16W 108AC 01	QU	25.7	2	-13.6	-2.7	.1	-1.5			
27S 16W 1988D 01	QU	31.8	5	-11.5	-1.5	.1	-1.3			
27S 16W 28CDD 01	QU	64.9		-8.2	-2.4		-.9			
27S 17W 21ADC 01	QU	34.4	5	-10.0	-1.4	.1	-1.1			
27S 18W 13AAA 01	QU	24.1		-8.5	-1.2		-.9	195	195	
27S 18W 18DDC 01	QU	18.1	8	-2.4	-1.1	.2	-.3			
27S 18W 22ADC 01	QU	23.7	5	-9.6	-.5	.1	-1.1			
27S 19W 16D8D 01	QU	52.4	-2	-7.2	-.8	-.1	-.8			
27S 19W 28C8D 01	QU	73.3	-13	-5.4	-.1	-.3	-.6			
27S 20W 128CD 01	QU	42.3	5	-2.2	-1.2	.1	-.2			
27S 20W 26A8D 01	QU	44.3	-6	-3.7	-1.8	-.2	-.4			
27S 20W 32A8C 01	QU	45.2	-9		-.7	-.2				
28S 16W 128CA 01	QU	99.1	-7	1.9	-.9	-.2	.2			
28S 16W 17AAC 01	QU	116.3	4	1.7	-.7	.1	.2			
28S 17W 01CAB 01	QU	59.6	5	-4.0	-1.0	.1	-.4			
28S 17W 150DB 01	QU	96.0	9		-.5	.2	-.3	116	118	2
28S 18W 098AC 01	QU	64.0	2	-2.3	-.7	.1				
28S 18W 19CC9 01	QU	88.1	15	-.1	-.4	.4				
28S 18W 26DCA 01	QU	120.0	-1	-1.0	-2.3		-.1			
28S 19W 10AAC 01	QU	92.5			-.4					
28S 19W 30C8C 01	QU	112.7	3	2.3	.2	.1	.3			
28S 19W 33C8D 01	QU	133.1		.9	.8		.1			
28S 20W 1288D 01	QU	56.9	7	-1.2	-.6	.2	-.1			
28S 20W 16ACB 01	QU	58.9	4	-.3	-.4	.1				
28S 20W 30ACA 01	QU	41.4	-9	-2.0	1.0	-.2	-.2			
29S 17W 048BC 01	QU	52.1	8	-2.1	-.2	.2	-.2			
29S 18W 02ACC 01	QU	143.4			-.1					
29S 18W 0788D 01	QU	153.8	1	-.3	.3					
29S 19W 228AA 01	QU	156.3	2	.7	-.7	.1	.1			
29S 20W 11CDD 01	QU	167.1	3	.9	.3	.1	.1			



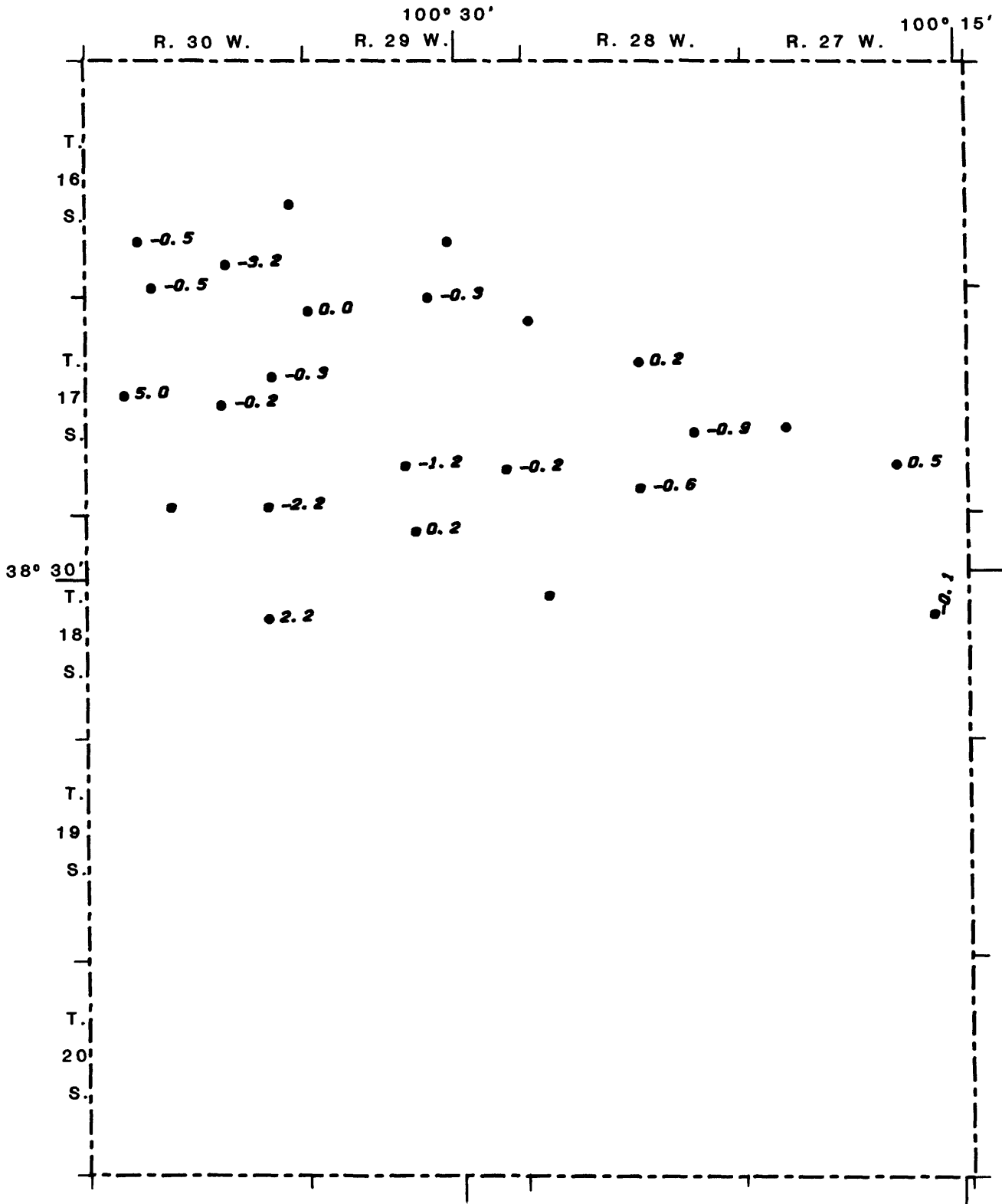
WATER-LEVEL CHANGE IN KIOWA COUNTY, 1982-83

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 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
16S 29W 26CCD 01	T0	2803.	140	90	89.2	99.6	101.4	101.4	101.4	102.2	103.1	
16S 30W 24DCC 01	T0	2840.	155	109		116.7		117.9	118.9	119.9	120.4	
16S 30W 29CDD 01	T0	2884.	174	121		123.8	124.7	125.3	125.5	127.9	127.8	128.3
16S 30W 34DAB 01	T0	2857.	172	116		118.4	120.6	120.0	119.8		128.5	131.7
17S 27W 20CCC 01	T0	2717.	127	84		96.4	97.5	98.9	99.4			102.7
17S 27W 26CCC 01	T0	2678.	127	80		95.6	94.7	96.5	95.9	96.4	96.8	96.3
17S 28W 07888 01	T0	2785.	170	83		93.0	94.5	95.1	95.6	97.7		98.0
17S 28W 1588C 01	T0	2760.	150	84		102.0	101.0	103.3	104.6	104.1	103.7	103.5
17S 28W 26A88 01	T0	2735.	140	85	88.2	100.5	99.5	100.4	100.3	102.0	100.4	101.3
17S 28W 34C88 01	T0	2747.	132	78			88.3	89.4	89.0	91.0	89.3	89.9
17S 29W 038DC 01	T0	2816.	156	102		109.6	109.5	110.1	110.8	112.6	113.4	113.7
17S 29W 06CC8 01	T0	2838.	173	103		116.5	118.1	119.5	119.8	121.4	123.6	123.6
17S 29W 28DCD 01	T0	2810.	123	68		74.5	74.0	75.5	75.0	75.8	76.0	77.2
17S 29W 368AA 01	T0	2794.	119	70		80.3	81.0	83.4	83.7	83.8	84.7	84.9
17S 30W 05AAC 01	T0	2877.	175	108		114.7	114.8	115.2	115.8	118.5	119.7	120.2
17S 30W 13C88 01	T0	2846.	151	84	83.9	87.1	87.4	87.6	88.4	88.9	89.5	89.8
17S 30W 20888 01	T0	2889.	165	87		96.2	95.2		98.5	107.6	102.6	
17S 30W 22ACA 01	T0	2859.	144	76		82.2	82.4	83.1	84.8		87.7	87.9
18S 27W 13CCC 01	T0	2674.	95	88	86.1		86.3	86.6	86.3	86.0	86.1	86.2
18S 28W 18ACC 01	T0	2764.	95	51		66.5	63.7	68.6	72.8		68.8	
18S 29W 04DAD 01	T0	2801.	110	56		64.8	63.7	64.5	65.2	65.5	66.3	66.1
18S 30W 02AAA 01	T0	2849.	124	68		83.2	87.1	84.2	84.1	86.6	85.8	88.0
18S 30W 048AB 01	T0	2872.	125	69		69.5	70.7	71.3	72.0		73.2	
18S 30W 23AAA 01	T0	2848.	150	55		65.1		64.7	64.1		67.5	65.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
16S 29W 26CCD 01	TO									
16S 30W 24DCC 01	TO									
16S 30W 29C0D 01	TO	128.3	-7		-5	-.2		53	46	-13
16S 30W 34DAB 01	TO	131.7	-16		-3.2	-.5		56	40	-29
17S 27W 20CCC 01	TO	102.7	-19			-.6		43	24	-44
17S 27W 26CCC 01	TO	96.3	-16		.5	-.5		47	31	-34
17S 28W 07B8B 01	TO	98.0	-15			-.5		87	72	-17
17S 28W 1588C 01	TO	103.5	-20		.2	-.6		66	47	-29
17S 28W 26A8B 01	TO	101.3	-16	-13.0	-.9	-.5	-.8	55	39	-29
17S 28W 34C8B 01	TO	89.9	-12		-.6	-.4		54	42	-22
17S 29W 0380C 01	TO	113.7	-12		-.3	-.4		54	42	-22
17S 29W 06CCB 01	TO	123.6	-21		0.0	-.6		70	49	-30
17S 29W 280CD 01	TO	77.2	-9		-1.2	-.3		55	46	-16
17S 29W 368AA 01	TO	84.9	-15		-.2	-.5		49	34	-31
17S 30W 05AAC 01	TO	120.2	-12		-.5	-.4		67	55	-18
17S 30W 13C8B 01	TO	89.8	-6	-5.9	-.3	-.2	-.3	67	61	-9
17S 30W 2088B 01	TO	102.6	-16		5.0	-.5		78	62	-21
17S 30W 22ACA 01	TO	87.9	-12		-.2	-.4		68	56	-18
18S 27W 13CCC 01	TO	86.2	2	-.1	-.1	.1		7	9	29
18S 28W 18ACC 01	TO									
18S 29W 04DAD 01	TO	66.1	-10		-.2	-.3		54	44	-19
18S 30W 02AAA 01	TO	88.0	-20		-2.2	-.6		56	36	-36
18S 30W 04BAB 01	TO									
18S 30W 23AAA 01	TO	65.3	-10	2.2		-.3		95	85	-11



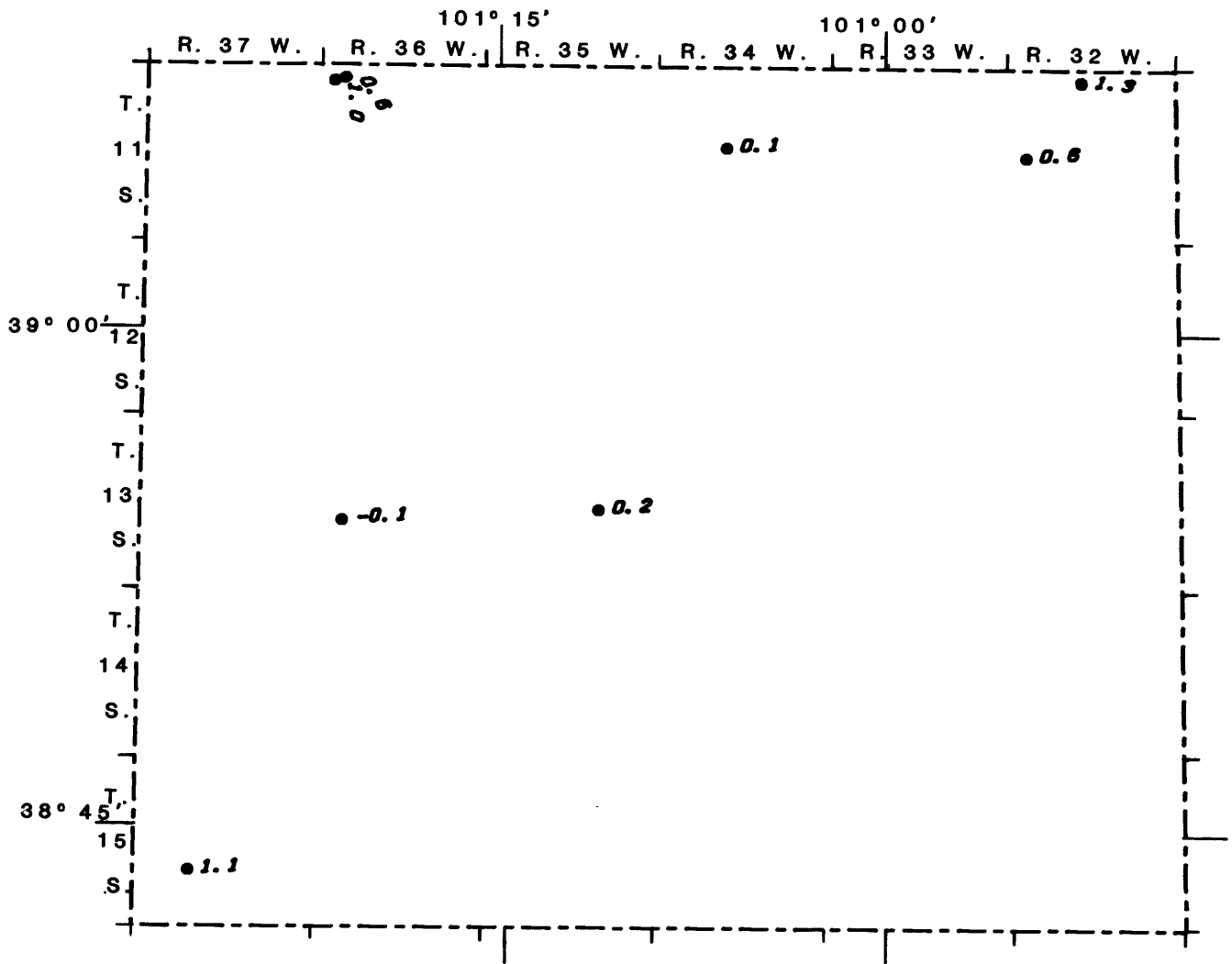
WATER-LEVEL CHANGE IN LANE COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1950	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
11S 32W 04ACD 01	T0	3059.	208	96	102.0	101.4	107.5	105.8	102.4	111.7	111.8	110.5
11S 32W 19AAB 01	T0	3073.	183	92	.	101.6	101.6	102.9	102.9	102.9	103.1	102.3
11S 34W 16CDB 01	T0	3218.	170	122	118.4	123.0	119.2	119.4	121.1	119.8	119.8	119.7
11S 36W 06ADD 02	T0	3380.	220	142	137.0	158.9	159.6	160.7	162.5	162.5	165.1	164.5
11S 36W 06DBB 02	T0	3386.	282	148	150.0	169.1	169.3	170.2	172.6	172.6	175.3	174.3
13S 35W 23BCC 01	QA	2956.	62	45		50.1	48.0	44.3	46.5	44.9	45.8	45.6
13S 36W 20CCB 01	CA	3023.	30			10.9	12.0	12.2	12.5	11.3	11.8	11.9
15S 37W 29AAA 01	T0	3420.	60			35.4	34.8			34.2	35.6	34.5

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
115 32W 04ACD 01	TO	110.5	-15	-8.5	1.3	-0.5	-0.5	112	98	-13
115 32W 19AAB 01	TO	102.3	-10	.8	.8	-0.3		91	81	-11
115 34W 16CDB 01	TO	119.7	2	-1.2	.1	.1	-0.1	48	50	4
115 36W 06ADD 02	TO	164.5	-23	-27.4	.6	-0.7	-1.6	78	56	-28
115 36W 060BB 02	TO	174.3	-26	-24.3	1.0	-0.8	-1.4	134	108	-19
135 35W 23BCC 01	QA	45.6	-1		.2			17	16	-6
135 36W 20CCB 01	QA	11.9			-0.1				18	
155 37W 29AAA 01	TO	34.5			1.1				26	



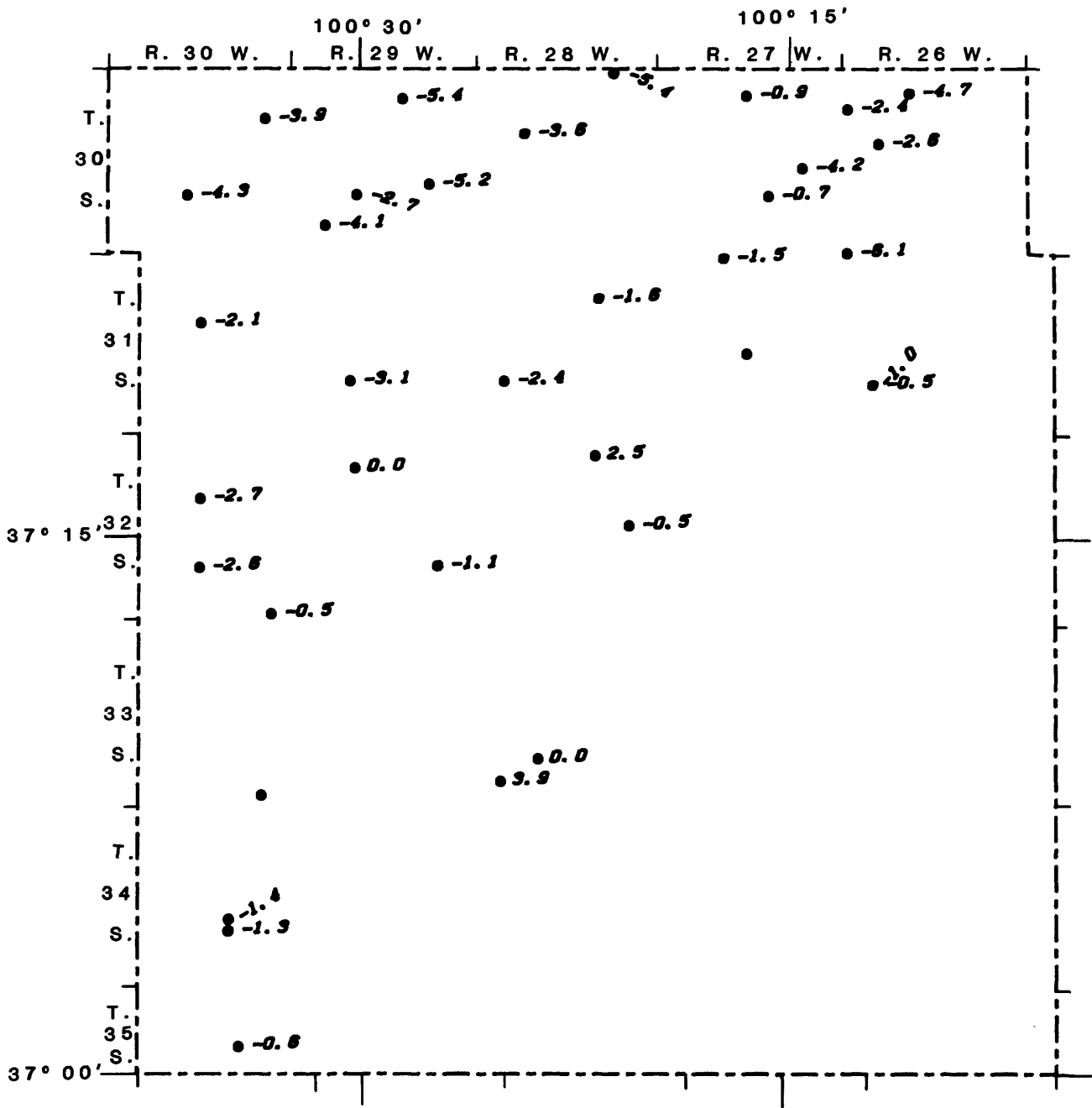
WATER-LEVEL CHANGE IN LOGAN COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983			
30S 26W 04C8B 01	QU,TC	2525.	415	11	20.7	38.3	39.3	42.6	41.9	45.7	43.0	47.7			
30S 26W 07B8B 01	QU,TO	2541.	401	22	29.9	50.8	49.0	59.6	57.4	60.8	59.9	62.3			
30S 26W 17B8C 01	QU,TO	2520.	400	11	22.0	34.2	36.7	39.6	37.2	41.1	39.8	42.4			
30S 26W 31C8C 01	QU,TO	2485.	350	14	14.0	29.9	32.3	36.3	31.7	31.7	24.2	30.3			
30S 27W 04D8D 01	QU,TO	2576.	346	31	34.7	68.7	65.9	67.0	67.6	70.7	73.0	73.9			
30S 27W 22C0D 01		2511.		6	13.5	8.8	8.9	8.1	8.2	9.2	10.0	10.7			
30S 27W 23A8B 01	QU,TO	2531.	321	12	16.5	38.6	34.2	38.4	38.4	42.9	39.8	44.0			
30S 27W 32D0D 01		2475.	315	26	11.8	9.1	9.1	9.2	8.7	8.9	7.6	9.1			
30S 28W 02BAA 01	QU,TO	2660.	430	83	97.2	105.7	107.9	114.3	114.3	115.6	115.0	120.4			
30S 28W 17A8B 01	QU,TO	2697.	517	102	109.6	117.5	123.3	129.1	114.3	129.9	132.3	136.1			
30S 29W 03DCC 01	QU,TO	2728.	464	102	107.4	118.0	122.3	122.3	128.1	130.8	131.0	136.4			
30S 29W 23CAD 01	QU,TC	2744.	544	134	141.3	154.7	158.3	161.2	164.4	167.5	171.1	176.3			
30S 29W 28B8B 01	QU,TO	2758.	553	137	137.8	154.8	158.9	158.8	165.1	168.0	172.0	174.7			
30S 29W 32B8B 01	QU,TO	2756.	536	133	130.7	148.9	153.1	157.4	160.3	163.0	167.6	171.7			
30S 30W 12C8B 01	QU,TO	2813.	493	163	165.5	188.5	190.1	201.4	199.4	203.6	206.9	210.8			
30S 30W 28A8B 01	QU,TC	2803.	508	150	145.9	177.9	182.6	177.9	173.9	177.6	179.8	184.1			
31S 26W 30B8B 01	QU,TO	2516.	213	97	92.5	95.1	95.3	96.0	99.9	100.1	101.5	102.5			
31S 26W 30B8B 02	QU,TO	2516.	326	15	35.7	35.7	31.3	31.6	27.9	31.1	27.9	30.6			
31S 27W 20AAA 02	QU,TC	2466.	463	114	112.2	128.8	136.6	136.6	136.6	131.7	131.5	133.1			
31S 28W 10B8C 01		2643.													
31S 29W 25AAA 02	QU,TO	2698.	438	145	156.5	167.7	171.5	171.5	174.8	176.1	176.5	178.9			
31S 29W 30AAA 01	QU,TC	2741.	461	136	130.2	143.3	148.2	154.2	152.2	154.7	158.2	161.3			
31S 30W 16B8C 01	QU,TC	2770.	505	136	133.9	168.5	169.8	166.9	169.9	172.4	175.8	177.9			
32S 28W 04ADD 01	QU,TO	2546.	366	63	66.1	68.3	68.7	68.3	69.8	70.9	73.7	71.2			
32S 28W 14C8C 01	QU,TO	2430.	300	6	6.4	7.9	8.0	10.3	8.8	8.9	8.6	9.1			
32S 29W 05CC 01	QU,TO	2719.	464	139	137.3	152.1	160.8	163.4	157.7	159.2	163.1	163.1			
32S 29W 27AAB 01		2688.				141.9		141.2	145.1	145.8	146.4	147.5			
32S 29W 27AAB 02	QU,TC	2688.	555	143	142.1	142.1	143.5	144.7	144.7	145.2	145.9	147.0			
32S 30W 09CCC 01	QU,TO	2764.	504	155	156.7	175.0	183.6	189.6	188.9	184.6	189.1	191.8			
32S 30W 28B8C 01	QU,TO	2759.	459	167	170.2	191.8	199.4	203.6	198.5	201.1	201.7	204.3			
32S 30W 35CAD 01	QU,TO	2728.		158											
33S 28W 29B8C 01	TO	2371.	160	14	14.3	16.9	16.6	17.6	16.4	16.5	16.3	16.3			
33S 29W 36AAB 01	QU,TO	2463.	283	81	81.3	85.6	85.1	85.6	85.6	86.5	90.7	86.8			
33S 30W 35CB 01	QU,TO	2684.	544	161	157.8	161.0	162.6	164.9	163.5	164.4	164.4	175.1			
34S 30W 22C8C 01	QU,TO	2675.	675	191	192.5	192.5	193.2	193.4	194.2	194.5	195.0	196.4			
34S 30W 27B8B 02	QU,TO	2660.	671	187	187.1	188.6	188.6	189.1	189.6	190.2	190.2	191.5			
35S 30W 10CDA 01	QA,QU,TO	2393.	318	23	23.1	22.7	22.8	22.7	22.8	25.0	26.1	26.7			

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
30S 26W 04C88 01	QU,T0	47.7	-37	-27.0	-4.7	-0.9	-1.6	404	367	-9
30S 26W 07B88 01	QU,T0	62.3	-40	-32.4	-2.4	-0.9	-1.9	379	339	-11
30S 26W 17B8C 01	QU,T0	42.4	-31	-20.4	-2.6	-0.7	-1.2	389	358	-8
30S 26W 31C8C 01	QU,T0	30.3	-16	-16.3	-6.1	-0.4	-1.0	336	320	-5
30S 27W 04D8D 01	QU,T0	73.9	-43	-39.1	-0.9	-1.0	-2.3	315	272	-14
30S 27W 22C0D 01		10.7	-5	2.9	-0.7	-0.1	.2			
30S 27W 23A8B 01	QU,T0	44.0	-32	-27.5	-4.2	-0.7	-1.6	309	277	-10
30S 27W 32O0D 01		9.1	17	2.8	-1.5	.4	.2	289	306	6
30S 28W 02BAA 01	QU,T0	120.4	-37	-23.2	-5.4	-0.9	-1.4	347	310	-11
30S 28W 17A8B 01	QU,T0	136.1	-34	-26.5	-3.8	-0.8	-1.6	415	381	-8
30S 29W 03DCC 01	QU,T0	136.4	-34	-29.0	-5.4	-0.8	-1.7	362	328	-9
30S 29W 23CAD 01	QU,T0	176.3	-42	-35.0	-5.2	-1.0	-2.1	410	368	-10
30S 29W 28B8B 01	QU,T0	174.7	-38	-36.8	-2.7	-0.9	-2.2	416	378	-9
30S 29W 32B8B 01	QU,T0	171.7	-39	-40.9	-4.1	-0.9	-2.4	403	364	-10
30S 30W 12C8B 01	QU,T0	210.8	-48	-45.3	-3.9	-1.1	-2.7	330	282	-15
30S 30W 28A8B 01	QU,T0	184.1	-34	-38.2	-4.3	-0.8	-2.2	358	324	-9
31S 26W 30B8B 01	QU,T0	102.5	-1	-1.0	-1.0			116	115	-1
31S 26W 30B8B 02	QU,T0	98.1	-16	-0.5	-0.5			311	295	-5
31S 27W 20AAA 02	QU,T0	30.6	-19	-20.9	-1.6	-0.4	-1.2	349	330	-5
31S 28W 10B8C 01	QU,T0	133.1	-19	-20.9	-1.6	-0.4	-1.2	349	330	-5
31S 29W 25AAA 02	QU,T0	178.9	-34	-22.4	-2.4	-0.8	-1.3	293	259	-12
31S 29W 30AAA 01	QU,T0	161.3	-25	-31.1	-3.1	-0.6	-1.8	325	300	-8
31S 30W 16B8C 01	QU,T0	177.9	-42	-44.0	-2.1	-1.0	-2.6	369	327	-11
32S 28W 04ADD 01	QU,T0	71.2	-8	-5.1	2.5	-0.2	-0.3	303	295	-3
32S 28W 14C8C 01	QU,T0	9.1	-3	-2.7	-0.5	-0.1	-0.2	294	291	-1
32S 29W 05CC 01	QU,T0	163.1	-24	-25.8	0.0	-0.6	-1.5	325	301	-7
32S 29W 27AAB 01		147.5	-4	-1.1	-1.1	-0.1		412	408	-1
32S 29W 27AAB 02	QU,T0	147.0	-37	-35.1	-2.7	-0.9	-2.1	349	312	-11
32S 30W 09CCC 01	QU,T0	191.8	-37	-34.0	-2.6	-0.9	-2.0	292	255	-13
32S 30W 28B8C 01	QU,T0	204.3	-32	-2.0	-0.0	-0.7		146	144	-1
32S 30W 35CAD 01	TO	189.9	-6	-5.5	3.9	-0.1	-0.3	202	196	-3
33S 28W 29B8C 01	QU,T0	16.3	-6	-5.5	-1.4	-0.3	-1.0	383	369	-4
33S 29W 36AAB 01	QU,T0	86.8	-14	-17.3	-1.4	-0.1		484	479	-1
33S 30W 35CR 01	QU,T0	175.1	-5	-1.3	-1.3	-0.1		484	479	-1
34S 30W 22C8C 01	QU,T0	196.4	-5	-1.4	-1.4	-0.1		484	479	-1
34S 30W 27B8B 02	QU,T0	191.5	-5	-1.3	-1.3	-0.1		484	480	-1
35S 30W 10CDA 01	QA,QU,T0	26.7	-4	-3.5	-0.6	-0.1	-0.2	295	291	-1



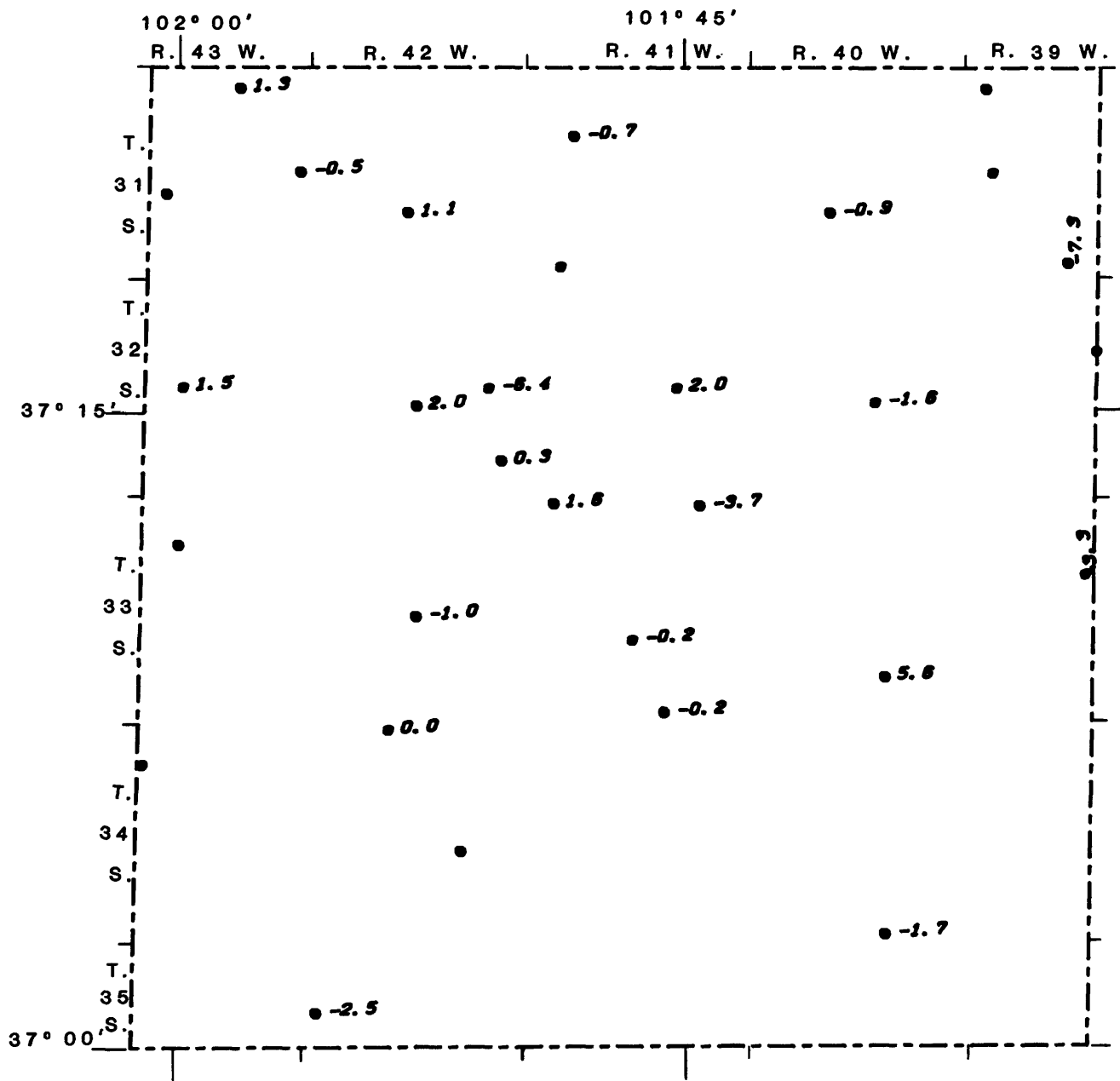
WATER-LEVEL CHANGE IN MEADE COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983			
31S 39W 18CCC 01	QU,TO	3246.	226	116	135.6	182.7	176.3	179.0	180.9	180.9	179.0	179.0	180.9	180.9	197.7
31S 39W 338CC 01	QU,TO,KJ	3253.			160.0	202.0	202.5	207.2	206.9	206.9	207.2	207.2	206.9	222.7	
31S 40W 01DA 01	QU,TO	3236.	276	111	133.1	161.8	166.8	166.9	168.7	168.7	166.9	166.9	168.7	181.3	
31S 40W 29A8B 01	QU,TC	3331.	233	141	166.1	180.2	179.0	179.6	180.5	180.5	179.6	179.6	180.5	182.4	
31S 41W 07CDD 01	KJ	3441.				135.5	135.9	135.0	135.1	135.1	134.7	135.1	135.1	135.8	
31S 41W 31C8B 01	KJ	3441.			73.0	97.3	90.7		88.1	88.1	85.2		85.2	94.2	
31S 42W 29A8B 01	QU,TC,KJ	3510.	268	118	146.9	177.6	189.9	186.6	181.9	181.9	186.6	186.6	181.9	185.0	
31S 43W 03CB 01	QU,TO,KJ	3609.	237	132	156.0	187.5	189.9	187.1	178.5	178.5	187.1	187.1	178.5	189.5	
31S 43W 14DDC 01	KU	3576.			61	65.7	65.1	66.0	63.8	63.8	65.1	66.0	63.8	64.8	
31S 43W 20C8B 01	QU,TO	3653.			53	56.4	100.9	70.3	68.0	68.0	67.7	70.3	68.0	69.0	
32S 39W 09DD 01	QU,TO	3248.	268	118	146.9	177.6	189.9	186.6	181.9	181.9	186.6	186.6	181.9	185.0	
32S 40W 21ADB 01	QU,TO	3342.	237	132	156.0	187.5	189.9	187.1	178.5	178.5	187.1	187.1	178.5	189.5	
32S 41W 15CDC 01	QU,TC,KJ	3360.			18.0	20.7	18.8	19.9	20.7	20.7	19.9	21.5	21.5	19.8	
32S 42W 14CCC 01	QU,TO,KJ	3500.			90.6	111.6	114.0	111.6	110.8	110.8	111.6	111.6	110.8	124.7	
32S 42W 21BCC 01	QU,TC,KJ	3526.			113.6	144.5	146.3	146.0	147.3	147.3	146.0	146.0	147.3	151.8	
32S 42W 26CDD 01	QU,TO,KJ	3485.			102.0	138.4	142.8	140.5	138.9	138.9	140.5	140.5	138.9	147.8	
32S 43W 17DCC 01	TO	3626.	146	60	60.0	72.1	73.8	70.3	73.1	73.1	73.8	73.1	73.1	71.6	
33S 39W 16A8B 01	QU,TC	3234.	344	82	70.0	73.6	73.6	74.8	74.1	74.1	73.6	73.4	73.4	76.7	
33S 40W 27CCC 01	QU,TO	3308.	323	98	80.0	80.6	81.6	82.1	82.1	82.1	81.6	81.6	81.6	81.7	
33S 41W 03AAD 01	QU,TO,KJ	3425.			117.2	151.5	149.9	149.9	140.8	140.8	142.3	141.3	141.3	145.0	
33S 41W 21CCC 01	QA	3357.	127	27	41.1	44.7	43.3	43.7	43.6	43.6	43.7	43.6	43.6	44.0	
33S 41W 33DDD 01	QU	3377.	157	68	69.4	63.5	62.2	67.0	68.0	68.0	67.0	67.0	67.0	67.2	
33S 42W 01AA 01	QU	3438.	168	48	34.5	39.8	38.8	39.7	40.4	40.4	40.7	41.9	40.1	40.1	
33S 42W 21BCC 01	QU,TO	3527.	167	87	85.0	88.2	88.3	87.8	88.3	88.3	87.8	98.7	98.2	99.2	
33S 43W 08BDA 01	QU,TO,KJ	3643.			95.0	98.2	99.6	100.4	101.0	101.0	100.4	106.7	106.7		
34S 42W 05BDC 01	QU,KJ	3449.			38.4	39.3	38.5	38.6	38.7	38.7	38.6	39.1	39.1	39.1	
34S 42W 22CDB 01	QU,TO	3492.	112	92	147.2	80.9	82.5	83.7	82.5	82.5	83.7	79.7	79.5		
34S 43W 07BDD 01	KJ	3655.			147.2	149.2	149.0	149.0	176.0	176.0	149.2	176.5	175.0	176.7	
35S 40W 03B8B 01	QU,TO	3367.	407	179	183.1	174.9	174.4	175.3	176.0	176.0	174.9	176.5	175.0	176.7	
35S 43W 13BDB 01	QU,TO	3615.	305	151	174.3	174.3	176.2	181.3	178.3	178.3	181.3	183.3	183.3	185.8	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
31S 39W 18CCC 01	QU,TO	197.7	-82	-62.1		-1.9	-3.7	110	28	-75
31S 39W 33BCC 01	QU,TO,KJ	222.7		-62.7	-7.3		-3.7			
31S 40W 01DA 01	QU,TO	181.3	-70	-48.2		-1.6	-2.8	165	95	-42
31S 40W 29A8B 01	QU,TO	182.4	-41	-16.3	-9	-1.0	-1.0	92	51	-45
31S 41W 07CDD 01	KJ	135.8			-7					
31S 41W 31C8B 01	KJ	94.2		-21.2			-1.2			
31S 42W 29A8B 01	QU,TO,KJ	100.7	-27	-7.6	1.1	-6	-4			
31S 43W 03CB 01	QU,TO,KJ	64.8	-4	.9	1.3	-1	.1			
31S 43W 14DCC 01	KU	69.0		-1.2	-5		-1			
31S 43W 20C8B 01	QU,TO	96.5	-44	-40.1		-1.0	-2.4			
32S 39W 09DD 01	QU,TO	195.0	-67	-38.1	-1.8	-1.6	-2.2	150	83	-45
32S 40W 21AD8 01	QU,TO	189.5	-58	-33.5		-1.3	-2.0	105	48	-54
32S 41W 15C0C 01	QU,TO,KJ	19.8		-1.8	2.0		-1			
32S 42W 14CCC 01	QU,TO,KJ	124.7		-34.1	-6.4		-2.0			
32S 42W 21BCC 01	QU,TO,KJ	151.8		-38.2	2.0		-2.2			
32S 42W 26CDD 01	QU,TO,KJ	147.8		-45.8	.3		-2.7			
32S 43W 17DCC 01	TO	71.6	-12	-11.6	1.5	-3	-7	86	74	-14
33S 39W 16A8B 01	QU,TO	76.7	5	-6.7	-3.3	.1	-4	262	267	2
33S 40W 27CCC 01	QU,TO	81.7	16	-1.7	5.6	.4	-1	225	241	7
33S 41W 03AAD 01	QU,TO,KJ	145.0		-27.7	-3.7		-1.6			
33S 41W 21CCC 01	QA	44.0	-17	-2.9	-2	-4	-2	100	83	-17
33S 41W 33DDD 01	QU	67.2	1	2.2	-2		.1	89	90	1
33S 42W 01AA 01	QU	40.1	8	-5.6	1.8	.2	-3	120	128	7
33S 42W 21BCC 01	QU,TO	99.2	-12	-14.2	-1.0	-3	-8	80	68	-15
33S 43W 08BDA 01	QU,TO,KJ									
34S 42W 05BDC 01	QU,KJ	39.1		-7	0.0					
34S 42W 22CDB 01	QU,TO									
34S 43W 078DD 01	KJ									
35S 40W 0388B 01	QU,TO	176.7	2	6.4	-1.7	.4	.4	228	230	1
35S 43W 13BDB 01	QU,TO	185.8	-35		-2.5	-8		154	119	-23



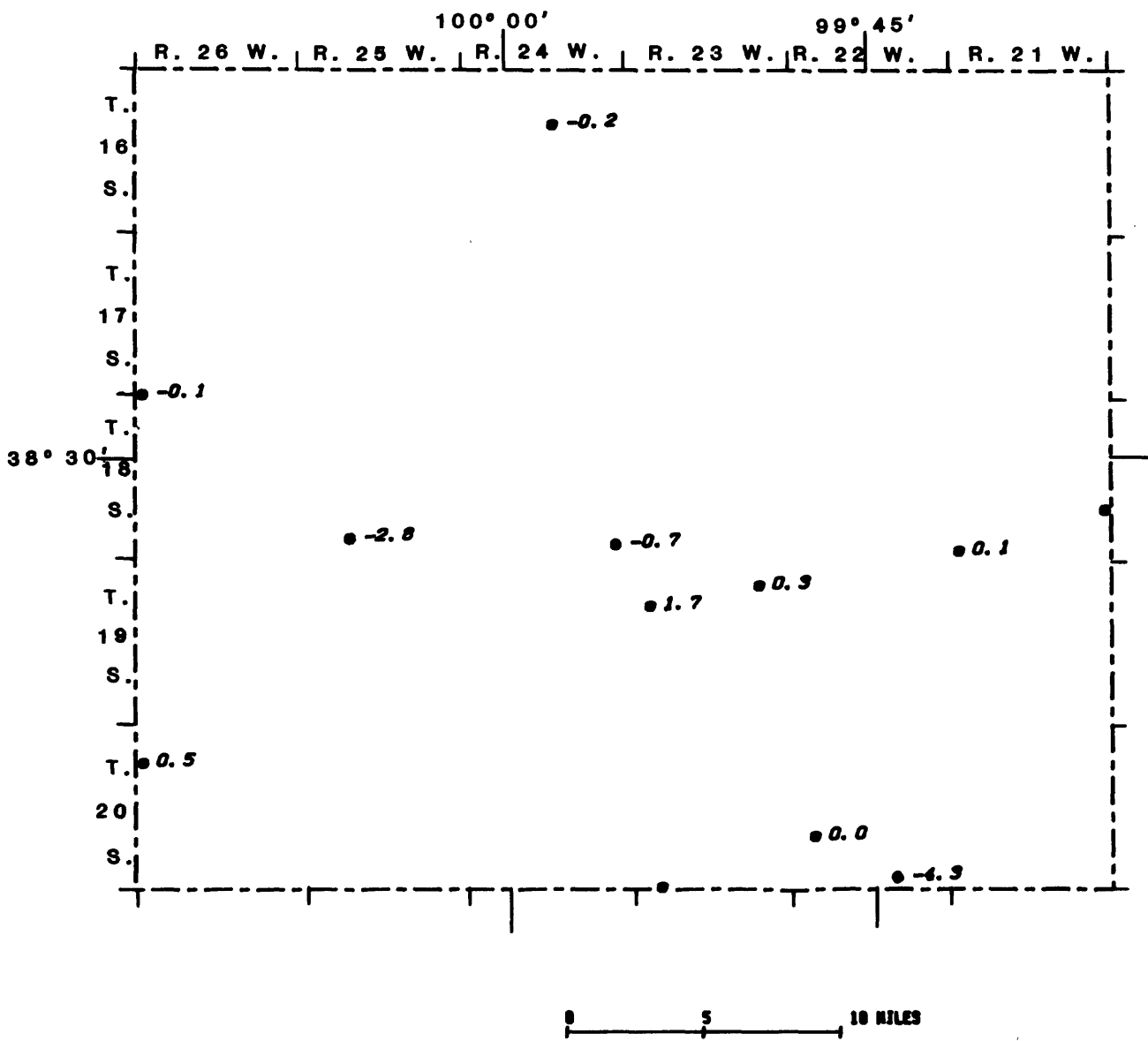
WATER-LEVEL CHANGE IN MORTON COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983			
16S 24W 15ABB 01	TO			29.3	29.5	29.8	29.6	29.6	29.5	29.7					
18S 21W 25AAB 01	QA	2085.		30.7	31.0	31.7	29.5	29.6	28.7						
18S 21W 31CAA 01	QU	2122.		32.2	32.4	32.4	31.9	31.7	31.6						
18S 24W 36ADS 01	QA	2235.		34.0	34.9	34.9	33.1	34.9	33.6	34.3					
18S 25W 33B9C 01	QA	2402.		26.2	26.8	27.3	27.5	27.7	25.6	28.4					
18S 26W 06BAB 02	QA-T0	2570.		6.7	6.8	7.3	6.9	7.0	7.1	7.2					
19S 23W 01CCB 01		2214.		83.2	84.4	87.4	87.2	88.3	88.2	87.9					
19S 23W 02C8B 01		2220.		22.3	22.5	22.4	21.2	20.7	23.5	21.8					
20S 22W 20CCC 01		2189.		37.9	39.2	41.0	40.6	41.5	43.9	43.9					
20S 22W 35BCC 01	QA	2168.		37.1	39.1	40.5	38.8	40.0	38.3	42.6					
20S 23W 32CDA 01		2233.		37.9	38.2	38.1	35.7	35.8	35.7	24.3					
20S 26W 078DC 01	QA	2538.		23.6	23.5	24.6	24.6	23.6	24.8	24.3					

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
16S 24W 15ABE 01	TO	29.7			-0.2					
18S 21W 25AAB 01	QA	28.7								
18S 21W 31CAA 01	QU	31.6			.1					
18S 24W 36ADB 01	QA	34.3			-0.7					
18S 25W 33BBC 01	QA	28.4			-2.8					
18S 26W 06BAB 02	QA,TO	7.2			-0.1					
19S 23W 01CCB 01		87.9			.3					
19S 23W 08CBB 01		21.8			1.7					
20S 22W 20CCC 01		43.9			0.0					
20S 22W 35RCC 01	QA	42.6			-4.3					
20S 23W 32CDA 01										
20S 26W 07BDC 01	QA	24.3			.5					



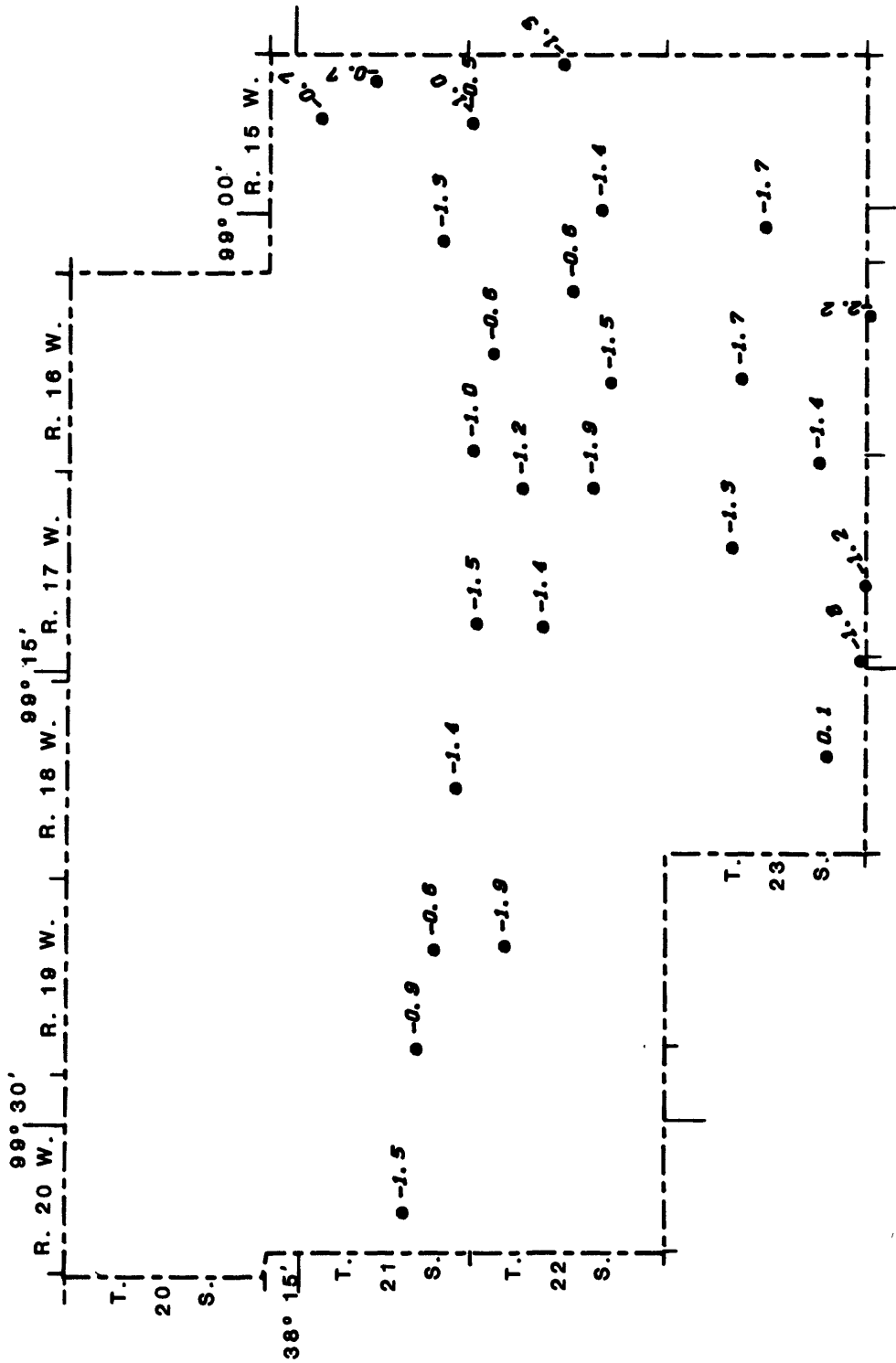
WATER-LEVEL CHANGE IN NESS COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1944 (FEET)	1974 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	
215 15W 11C8B 01	QA	1932.	3	4.9		9.5	9.6	9.4	10.1	9.0	9.7		
215 15W 2488D 01	QU	1944.	8	5.1		15.0	16.8	17.8	18.9	18.5	19.2		
215 15W 318AD 01	QU	1972.	8	10.3		16.0	16.6	16.6	17.6	16.5	17.8		
215 18W 32DAA 01	QA	2056.	19	16.5	28.4	28.6	30.7	28.5	30.5	28.0	29.4		
215 19W 27CCC 01		2076.	23			39.0	41.2	41.2	41.8	41.4	42.2		
215 19W 30BCC 01		2087.	29	33.3	41.9	38.9	44.3	42.9	44.0	43.8	44.7		
215 20W 298BB 01		2104.	24	34.8	42.8	43.0	44.7	43.2	44.1	43.3	44.8		
225 15W 03AAA 01	QU	1970.	18	15.5	20.5	21.4	22.7	22.7	26.1	25.8	26.3		
225 15W 03AAA 02	QU	1970.	207	18.7	21.8	22.6	24.2	25.7	27.0	27.3	28.3		
225 15W 13DCA 01	QU	1976.	29	17.5		26.6	29.2	30.8	32.3	33.3	34.6		
225 15W 20CDC 01	QU	2006.	26	15.6		23.5	24.8	25.7	26.8	27.6	29.0		
225 16W 03CBC 02	QA	1996.	8	9.4		13.6	13.6	13.9	14.4	14.1	14.7		
225 16W 068BA 01	QA	2010.	8	14.6	17.1	18.4	18.1	17.1	18.1	16.7	17.7		
225 16W 23AAA 01	QU	2011.	24	21.8	27.8	28.9	30.6	31.9	32.9	33.6	34.4		
225 16W 288BD 01	QU	2044.	26	17.0		25.2	27.1	29.0	30.2	30.9	32.4		
225 17W 058BC 02		2036.	15						33.5	22.7	24.2		
225 17W 12C8B 01		2023.	13					14.9	14.9	14.3	15.5		
225 17W 18AAD 01	QU	2047.	27		34.7	35.3	37.2	35.5	39.1	35.6	37.0		
225 17W 24CBC 01	QA	2034.	12	5.6				9.8	9.9	9.8	11.7		
225 19W 108BA 01		2087.					56.3	54.1	54.8	52.6	54.5		
235 15W 18D08 01	QU	2035.	8	20.7		27.8		28.7	30.6	32.0	33.7		
235 16W 168AB 01	QU	2048.	13	8.1		13.7	16.3	16.1	17.8	17.9	19.6		
235 16W 35CCD 02									21.5	24.3	26.5		
235 17W 10CD8 01	QU	2091.	29	25.4		31.0	32.2	33.3	33.8	35.0	36.3		
235 17W 25ADC 01	QU	2076.	11	12.7		17.2	18.8	19.0	20.1	20.5	21.9		
235 17W 33CCA 01	QU	2109.	22	16.4		23.5	24.3	24.6	25.2	26.0	27.2		
235 18W 29DAD 01	QU	2102.	5	6.3	9.5	9.6		9.5	9.8	8.9	8.8		
235 18W 36DAC 01	QU	2116.	21	8.2		21.2		22.7	23.6	23.2	25.0		

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
21S 15W 11CBB 01	QA	9.7	-7	-4.8	-7	-0.2	-0.5			
21S 15W 2488D 01	QU	19.2	-11	-14.1	-7	-0.3	-1.6			
21S 15W 318AD 01	QU	17.8	-10	-7.5	-10	-0.3	-0.8			
21S 18W 320AA 01	QA	29.4	-10	-12.8	-10	-0.3	-1.4			
21S 19W 27C0C 01		42.2	-19	-8	-19	-0.5				
21S 19W 30BCC 01		44.7	-16	-11.4	-16	-0.4	-1.3			
21S 20W 2988B 01		44.8	-21	-9.9	-21	-0.5	-1.1			
22S 15W 03AAA 01	QU	26.3	-8	-10.8	-8	-0.2	-1.2	189	181	-4
22S 15W 03AAA 02	QU	28.3	-6	-9.6	-6	-0.2	-1.1		179	
22S 15W 130CA 01	QU	34.6	-6	-17.1	-6	-0.2	-1.9			
22S 15W 20C0C 01	QU	29.0	-3	-13.4	-3	-0.1	-1.5			
22S 16W 03C0C 02	QA	14.7	-7	-5.3	-7	-0.2	-0.6			
22S 16W 0688A 01	QA	17.7	-10	-3.1	-10	-0.3	-0.3			
22S 16W 23AAA 01	QU	34.4	-10	-12.6	-10	-0.3	-1.4			
22S 16W 2888D 01	QU	32.4	-6	-15.4	-6	-0.2	-1.7	104	98	-6
22S 17W 0588C 02		24.2	-9		-9	-0.2				
22S 17W 12C8B 01		15.5	-3		-3	-0.1				
22S 17W 18AAD 01	QU	37.0	-10		-10	-0.3				
22S 17W 24C8C 01	QA	11.7		-6.1			-0.7			
22S 19W 1088A 01		54.5								
23S 15W 1800B 01	QU	33.7	-26	-13.0	-26	-0.7	-1.4			
23S 16W 168AB 01	QU	19.6	-7	-11.5	-7	-0.2	-1.3			
23S 16W 35C0D 02		26.5								
23S 17W 10C0B 01	QU	36.3	-7	-10.9	-7	-0.2	-1.2			
23S 17W 25A0C 01	QU	21.9	-11	-9.2	-11	-0.3	-1.0			
23S 17W 33C0A 01	QU	27.2	-5	-10.8	-5	-0.1	-1.2	46	42	-9
23S 18W 28DAD 01	QU	8.8	-4	-2.5	-4	-0.1	-0.3			
23S 18W 360AC 01	QU	25.0	-4	-16.7	-4	-0.1	-1.9			



WATER-LEVEL CHANGE IN PAWNEE COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1944	DEPTH TO WATER (FEET) 1974	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
26S 11W 01D08 01	QU	1801.		23	23.5		23.8	24.6	23.3	23.3	24.3	24.7
26S 11W 27AAC 01	QU	1808.			23.1				22.9	22.9	24.1	24.9
26S 11W 29BC 01	QU	1830.			16.0			17.3	15.2	15.2	14.3	17.0
26S 12W 02D08 01	QU	1868.		27	27.4		28.6	28.9	27.8	26.7	28.2	28.7
26S 12W 17CCA 01	QU	1906.		37	34.1		34.9		35.5	35.5	36.6	37.1
26S 12W 34CDC 01	QU	1884.	207	46	43.2	45.6	45.9	47.3	44.2	45.4	45.7	46.5
26S 12W 34CDC 02	QU	1884.		46	41.0	44.1		45.7	44.0	43.8	44.0	44.8
26S 13W 11AAC 01	QU	1900.		8	8.4		15.1	16.4	14.9	16.1	19.9	21.2
26S 13W 16DAA 01	QU	1929.		20	15.6		20.7	23.0	22.0	27.2	25.3	25.9
26S 13W 19BBD 01	QU	1953.		18	14.4		19.9		22.3	25.1	25.4	26.5
26S 13W 348C8 01	QU	1950.		44	46.7	46.4	47.6	50.2	50.7	51.0	49.2	52.5
26S 14W 11AAC 02	QU	1979.		9	11.9		18.3		4.6	4.7		
26S 14W 17DCB 01	QU	2010.		10	16.5	16.5	19.6	23.3	22.2	25.2	26.0	28.2
26S 14W 22D08 01	QU	1983.		14	13.2		19.9		23.8	26.0	31.8	31.8
26S 14W 328BD 01	QU	2010.		18	15.8		21.0		23.1	27.0	28.7	25.8
26S 15W 08AAC 01	QU	2050.		21					20.0	20.9	22.7	23.3
26S 15W 18DAB 01	QU	2050.		11	4.8		13.0		12.9	14.5	15.7	17.1
27S 11W 12CBC 01	QU	1783.	99	51	46.3		46.3	46.3	45.8	44.7	46.1	46.7
27S 11W 31DAA 01	QA	1726.		8	2.7		6.4	4.4	3.5	6.4	4.9	5.7
27S 12W 12DAA 01	QU											55.6
27S 12W 33CBA 01	QU	1777.		3	1.2		2.8	2.7	2.7	2.9	3.2	3.0
27S 13W 10CBB 01	QU	1945.		45	53.0		51.9	54.4	54.5	55.7	54.8	57.9
27S 13W 13D0C 01	QU	1897.	220	72	57.0		58.3	58.7	58.7	59.6	58.8	65.1
27S 13W 31D08 01	QU	1878.		6	3.7		3.9	4.0	3.2	3.9	3.8	3.9
27S 14W 03DAC 01	QU	1995.		35					40.8	47.5	43.6	45.1
27S 14W 12D0D 01	QU	1983.	252	53	57.7	56.9	57.7	59.2	60.4	61.1	62.0	63.6
27S 14W 21CAB 01	QU	1998.		39	34.2		38.7		33.3	30.8	41.5	43.1
27S 15W 02ABC 01	QU	2036.										31.9
27S 15W 08BBD 01	QU	2059.	200	30	13.2		22.0	24.2	23.9	26.5	29.9	28.4
27S 15W 32CCA 01	QU	2068.		48	45.9			47.1	47.8	51.0	50.1	51.6
27S 15W 348BD 01	QU	2071.		66	65.3		66.8	67.5	70.5	70.2	72.0	71.8
27S 15W 36ADD 01	QU	2050.		75	73.7		68.4	70.1	71.7	72.9	76.1	75.0
28S 11W 07DAB 01	QU	1793.		43						63.6	68.3	50.6
28S 11W 12ACC 01	QU	1755.		36	32.1		34.4	34.3	34.0	34.1	34.3	34.9
28S 11W 20CAC 01	QU	1840.		70					69.4	68.5	69.3	69.9
28S 11W 23DAC 01	QU	1757.		12	8.5		8.0	8.4	10.4	11.9	11.2	12.6
28S 12W 21BAD 01	QU	1882.		83	81.8		83.3		82.7	82.6		83.1
28S 13W 02D0C 01	QU	1827.		9	8.1		9.3	10.5	9.1		13.1	13.0
28S 13W 17AAA 01	QU	1938.		72	72.0		70.7	70.6	70.4	78.0	71.1	79.7
28S 13W 26D0C 01	QU	1916.			91.0			90.5	91.0	98.5	92.1	91.7

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

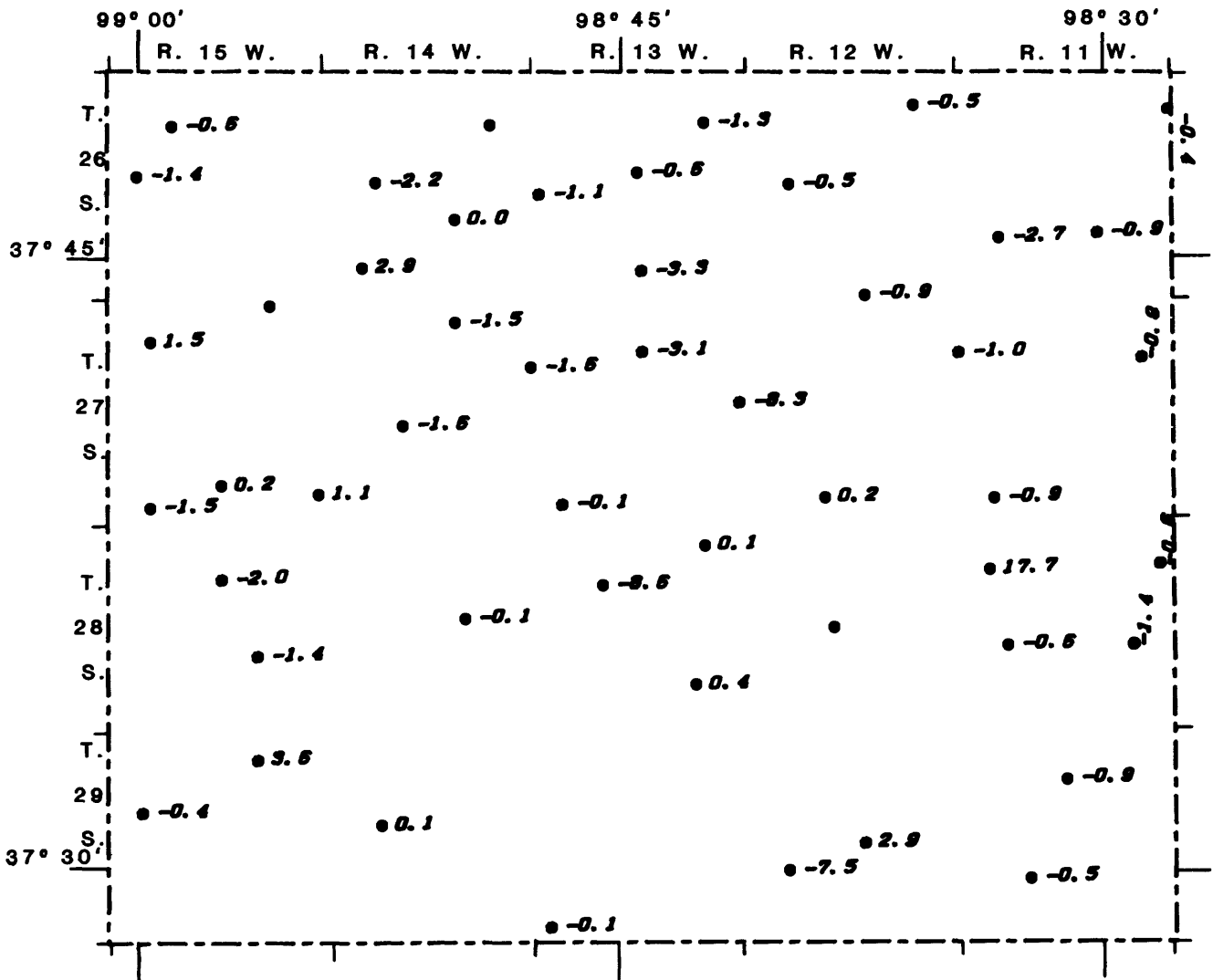
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1944	1974	1977	1978	1979	1980	1981	1982	1983			
28S 14W 14CCC 01	QU	1984.	80	76.9	77.5	78.9	77.8	78.1	78.2	78.3					
28S 15W 10CCA 01	QU	2077.	85	94.6	96.2	99.2	99.8	97.4	104.4	106.4					
28S 15W 23CCD 01	QU	2071.	109	108.0	105.2	105.6	105.9	106.5	113.2	114.6					
29S 11W 09A0D 01	QU	1830.	55	48.9	53.4	54.1	54.2	52.7	53.7	54.6					
29S 11W 29AAD 01	QU	1849.	63	57.4	61.5	62.1	62.4	60.6	61.8	62.3					
29S 12W 20CCD 01	QU	1907.	95	98.4	102.7	106.7	106.7	104.8	109.4	116.9					
29S 12W 22BAC 01	QU	1868.	66	65.6	65.6	66.2	66.6	66.6	70.0	67.1					
29S 13W 31CAA 01	QU	1893.	31	30.6	28.5	29.0	29.0	31.6	31.9	32.0					
29S 14W 1708D 01	QU	2012.		85.2		85.3	87.3	99.7	98.4	98.3					
29S 15W 02CCA 01	QU	2035.						86.3	94.2	90.6					
29S 15W 18ADA 01	QU	2050.	78	86.0	85.3	86.8	85.6	91.5	94.0	94.4					

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
26S 11W 01D08 01	QU	24.7	-2	-1.2	-0.4	-0.1			
26S 11W 27AAC 01	QU	24.9		-1.8	-0.8	-0.2			
26S 11W 298CB 01	QU	17.0		-1.0	-2.7	-0.1			
26S 12W 02D80 01	QU	28.7	-2	-1.3	-0.5	-0.1			
26S 12W 17CCA 01	QU	37.1		-3.0	-0.5	-0.3			
26S 12W 34C0C 01	QU	46.5	-1	-3.3	-0.8	-0.4	161	161	
26S 12W 34C0C 02	QU	44.8	1	-3.7	-0.8	-0.4			
26S 13W 11AAC 01	QU	21.2	-13	-12.8	-1.3	-0.3			
26S 13W 16DAA 01	QU	25.9	-6	-10.3	-0.6	-1.1			
26S 13W 1988D 01	QU	26.5	-9	-12.1	-1.1	-1.3			
26S 13W 348CB 01	QU	52.5	-9	-5.8	-3.3	-0.6			
26S 14W 11AAC 02	QU								
26S 14W 17DCB 01	QU	28.2	-18	-11.7	-2.2	-0.5			
26S 14W 22D08 01	QU	31.8	-18	-18.6	0.0	-2.1			
26S 14W 3288D 01	QU	25.8	-8	-10.0	2.9	-1.1			
26S 15W 08AAC 01	QU	23.3	-2	-0.6	-0.6	-0.1			
26S 15W 18DAB 01	QU	17.1	-6	-12.3	-1.4	-0.2			
27S 11W 12C8C 01	QU	46.7	4	-0.4	-0.6	0.1	48	52	8
27S 11W 31DAA 01	QA	5.7	2	-3.0	-0.8	0.1			
27S 12W 12DAA 01		56.6			-1.0				
27S 12W 33C8A 01	QU	3.0		-1.8	0.2	-0.2			
27S 13W 10C88 01	QU	57.9	-13	-4.9	-3.1	-0.3	175	162	-7
27S 13W 13D0C 01	QU	65.1	7	-8.1	-6.3	0.2			
27S 13W 31D08 01	QU	3.9	2	-0.2	-0.1	0.1			
27S 14W 03DAC 01	QU	45.1	-10		-1.5	-0.3			
27S 14W 12D0D 01	QU	63.6	-11	-5.9	-1.6	-0.3	199	188	-6
27S 14W 21C48 01	QU	43.1	-4	-8.9	-1.6	-0.1			
27S 15W 02ABC 01	QU	31.9							
27S 15W 0888D 01	QU	28.4	2	-15.2	1.5	0.1	170	172	1
27S 15W 32CCA 01	QU	51.6	-4	-5.7	-1.5	-0.1			
27S 15W 3488D 01	QU	71.8	-6	-6.5	0.2	-0.2			
27S 15W 36ADD 01	QU	75.0		-1.3	1.1	-0.1			
28S 11W 07DAB 01	QU	50.6	-8	17.7	-0.6	-0.2			
28S 11W 12ACC 01	QU	34.9	1	-2.8	-0.6	-0.3			
28S 11W 20CAC 01	QU	69.9			-0.6				
28S 11W 23DAC 01	QU	12.6	-1	-4.1	-1.4	-0.5			
28S 12W 21BAD 01	QU	83.1		-1.3		-0.1			
28S 13W 02D0C 01	QU	13.0	-4	-4.9	0.1	-0.5			
28S 13W 17AAA 01	QU	79.7	-8	-7.7	-8.6	-0.9			
28S 13W 26DCB 01	QU	91.7		-0.7	-0.4	-0.1			

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN, 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
28S 14W 14CCC 01	QU	78.3	2	-1.4	-1	.1	-.2			
28S 15W 10CCA 01	QU	106.4	-21	-11.8	-2.0	-.5	-1.3			
28S 15W 23CCD 01	QU	114.6	-6	-6.6	-1.4	-.2	-.7			
29S 11W 09ADD 01	QU	54.6		-5.7	-.9		-.6			
29S 11W 29AAD 01	QU	62.3	1	-4.9	-.5	-.5	-.5			
29S 12W 20CCD 01	QU	116.9	-22	-18.5	-7.5	-.6	-2.1			
29S 12W 22BAC 01	QU	67.1	-1	-1.5	2.9		-.2			
29S 13W 31CAA 01	QU	32.0	-1	-1.4	-.1		-.2			
29S 14W 17DBD 01	QU	98.3			.1					
29S 15W 02CCA 01	QU	90.6		-5.4	3.6		-.6			
29S 15W 18ADA 01	QU	94.4	-16	-8.4	-.4	-.4	-.9			



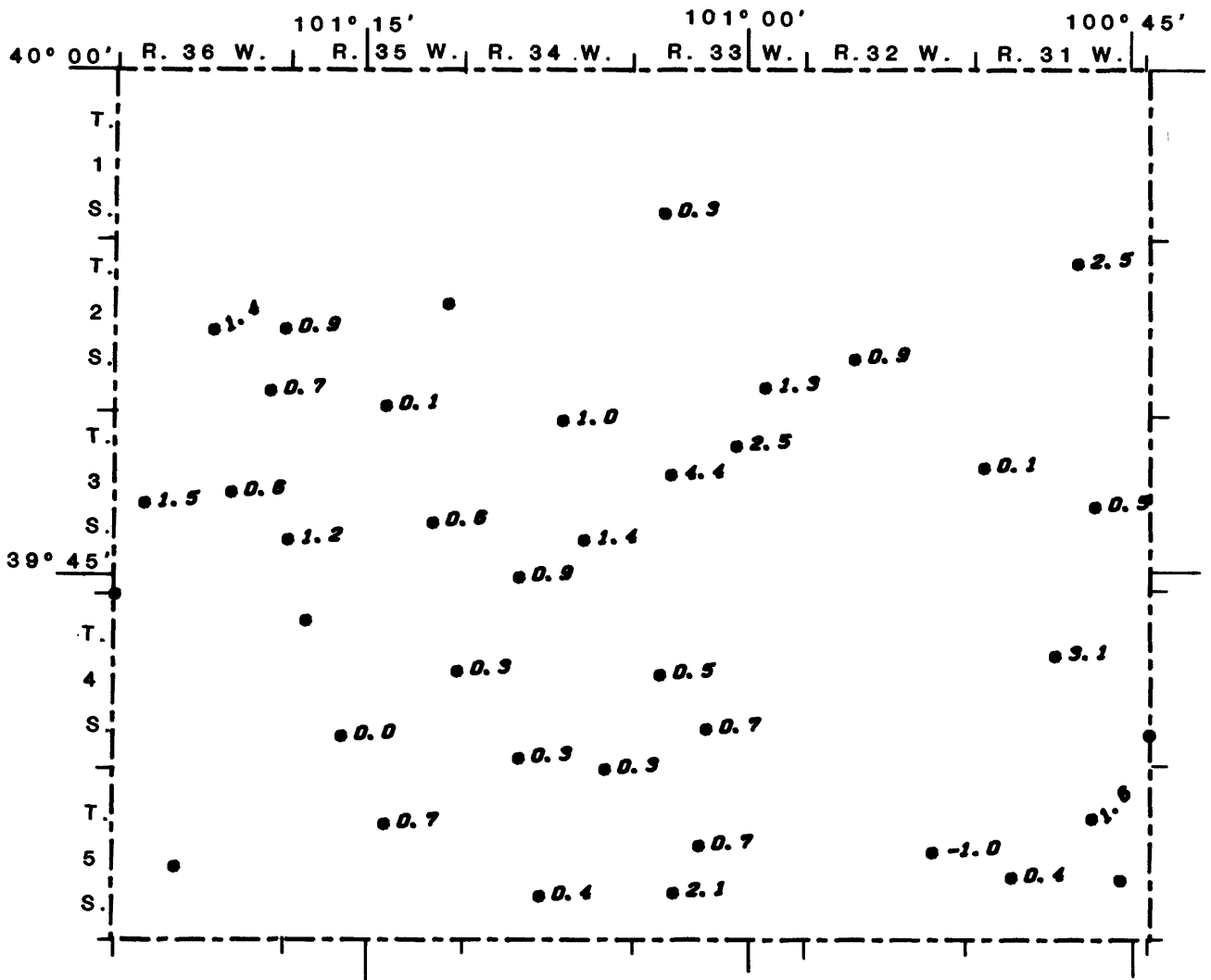
WATER-LEVEL CHANGE IN PRATT COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983			
01S 33W 29CCC 01	TO	2992.	144	115	115.6	118.3	114.3	114.1	114.1	114.1	114.0	114.0	114.1	113.8	
02S 31W 03CAD 01	QA	2665.	42	15	14.7	19.2	17.9	19.5	19.5	20.3	20.3	18.4	15.9		
02S 32W 20DCD 01	QA	2735.	32	5	8.3	12.8	14.2	14.2	14.2	15.4	15.4	11.9	11.0		
02S 33W 26DCC 01	QA	2798.	46	13	19.8	24.4	23.4	26.3	26.3	26.3	23.6	23.6	22.3		
02S 35W 13ABB 01	TO	3179.	208	174	170.3	171.2	167.0	169.5	169.5			169.8			
02S 35W 34CAA 01	QA, TO	3064.	112	29	29.6	31.6	30.3			31.0	31.0	30.8	30.7		
02S 36W 130DD 01	TO	3286.	260	186	190.1	197.0	190.1	191.0	190.7	190.6	190.6	190.0	189.1		
02S 36W 15CDD 01	TO	3334.	290	204	203.8	204.6	203.8	203.2	203.7	213.4	204.4	204.4	203.0		
02S 36W 368AA 01	TO	3263.	280	160	169.8	185.8		176.9	177.1	176.7	175.3	174.6	174.6		
03S 31W 07CBD 01	TO	2960.	200	142	146.3	151.3	146.3	146.1			146.2	146.2	146.1		
03S 31W 23BBB 01	TO	2949.	119	73	73.1	73.6	73.6	73.4	73.5			74.2	73.7		
03S 33W 030CC 01	QA	2823.	62	22	20.6	26.5	25.7	27.6	29.3	30.5	30.5	27.5	25.0		
03S 33W 08CDC 01	CA	2855.	52	20	16.1	23.0	22.5	24.8	27.4	27.9	23.5	23.5	19.1		
03S 34W 03ABB 01	QA	2882.	40	12	13.8	17.8	13.0	16.5	15.6	15.9	13.2	13.2	12.2		
03S 34W 269AC 01	CA	2900.	40	7	8.4	11.0	11.3	13.6		14.9	10.3	10.3	8.9		
03S 34W 338CC 01	QA	2945.	52	14	14.0	17.1	15.2	18.5	17.5	18.5	14.8	14.8	13.9		
03S 35W 24CBB 01	QA	3001.	50	21	24.7	29.6	27.2	27.6	27.7	28.5	176.9	176.9	175.7		
03S 35W 308BC 01			252								201.4	201.4	200.8		
03S 36W 14CBB 01	TO	3332.	309	188	191.2	209.4	202.1	203.9	207.8	210.9	209.5	209.5	208.0		
03S 36W 17CCC 01	TO	3375.	300	196	195.3	205.4	207.0	212.6							
04S 31W 16ABD 01	QA	2761.	50	7	7.9	11.2	10.8	12.7	18.3	13.0	12.6	12.6	9.5		
04S 31W 25DDD 01	QA	2755.	32	15	14.6	16.0	16.0	18.1	17.7	18.7	17.7	17.7			
04S 33W 18DDA 01	TO	3068.	153	88	87.6	83.8	87.2	87.3	87.5	85.6	87.5	87.5	87.0		
04S 33W 28DCA 01	TO	3125.	237	152	151.2	156.8	153.0	152.6	154.9	155.9	151.7	151.7	151.0		
04S 34W 33CBC 01	TO	3160.	210	115	117.2	121.1	120.0	120.9	120.1	119.7	119.7	119.1	118.8		
04S 35W 06DCD 01	TO	3252.	260	157	157.8	165.1	159.0	160.1	159.5	154.8	151.5	151.5	15.8		
04S 35W 13DAD 01	QA	3002.	51	13	15.0	16.1	15.9	15.8	16.1	16.4	16.1	16.1	150.6		
04S 35W 29DDD 01	TO	3219.	224	150	150.1	150.6	150.5	150.9	150.7	154.0	150.6	150.6	150.6		
04S 36W 06BBB 01	TO	3370.	293	162		194.1	188.7	191.9							
05S 31W 10DDA 01	TO	2820.	70	30	40.1	43.7	41.4	45.7	44.5	45.7	43.7	43.7	42.1		
05S 31W 20CCA 01	TO	2865.	68	22	29.7	35.5	33.9	35.3	35.9	37.4	35.9	35.9	35.5		
05S 31W 23DDD 01	TO	2950.	160	118	120.6	121.3	121.1	121.0	121.1	122.1	121.1	121.1	121.1		
05S 32W 14CDD 01	TO	3020.	180	130	130.8	132.1	130.6	130.8	131.7	130.8	130.4	130.4	131.4		
05S 33W 16CAC 01	TO									117.9	111.7	111.7	111.0		
05S 33W 298DA 01	TO	3042.	115	12	17.0	19.3	18.8	19.6	20.0	20.0	19.2	19.2	17.1		
05S 34W 018BB 01	TO	3137.	237	116	114.3	115.1	115.5	116.2	116.0	116.0	116.1	116.1	115.8		
05S 34W 28ADC 01	TO	3207.	247	127	134.1	134.9	134.2	135.1	135.9	135.1	135.0	135.0	134.6		
05S 35W 10CDD 01	TO	3267.	277	167	165.8	167.7	168.1	168.5	167.7	167.6	167.7	167.7	167.0		
05S 36W 218CD 01	QA, TO	3220.	155	17	15.5	20.1	18.9	19.9	19.9	20.0	18.7	18.7	167.0		

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
01S 33W 29CC 01	TO	113.8	1	1.8	.3	.1	.1	29	30	3
02S 31W 03CA 01	QA	15.9	-1	-1.2	2.5	-.1	-.1	27	26	-4
02S 32W 20DC 01	QA	11.0	-6	-2.7	.9	-.2	-.2	27	21	-22
02S 33W 26DC 01	QA	22.3	-9	-2.5	1.3	-.3	-.3	33	24	-27
02S 35W 13AB 01	TO									
02S 35W 34CA 01	QA,TO	30.7	-2	-1.1	.1	-.1	-.1	83	81	-2
02S 36W 150D 01	TO	189.1	-3	1.0	.9	-.1	.1	74	71	-4
02S 36W 150D 01	TO	203.0	1	.9	1.4	.1	.1	86	87	1
02S 36W 36BA 01	TO	174.6	-15	-4.8	.7	-.3	-.3	120	105	-13
03S 31W 07CB 01	TO	146.1	-4	.2	.1	-.1	-.1	58	54	-7
03S 31W 23BB 01	TO	73.7	-1	-.6	.5	-.1	-.1	46	45	-2
03S 33W 03DC 01	QA	25.0	-3	-4.4	2.5	-.1	-.3	40	37	-8
03S 33W 08DC 01	QA	19.1	1	-3.0	4.4	-.2	-.2	32	33	3
03S 34W 03AB 01	QA	12.2		1.6	1.0	.1	.1	28	28	
03S 34W 26BA 01	QA	8.9	-2	-.4	1.4	-.1	-.1	33	31	-6
03S 34W 33BC 01	QA	13.9		.2	.9	-.1	-.1	38	38	
03S 35W 24CB 01	QA	25.5	-5	-.8	.6	-.2	-.2	29	25	-14
03S 35W 30BC 01	TO	175.7			1.2				76	
03S 36W 14CB 01	TO	200.8	-13	-9.5	.6	-.4	-.6	121	108	-11
03S 36W 17CC 01	TO	208.0	-12	-12.6	1.5	-.4	-.7	104	92	-12
04S 31W 16AB 01	QA	9.5	-3	-1.6	3.1	-.1	-.1	43	41	-5
04S 31W 250D 01	QA	87.0	1	.7	.5	-.1	-.1	65	66	2
04S 33W 180A 01	TO	151.0	1	.3	.7			85	86	1
04S 34W 33CB 01	TO	118.8	-4	-1.6	.3	-.1	-.1	95	91	-4
04S 35W 06DC 01	TO									
04S 35W 130A 01	QA	15.8	-3	-.7	.3	-.1	-.1	38	35	-8
04S 35W 290D 01	TO	150.6	-1	-.4	0.0			74	73	-1
04S 36W 06BB 01	TO	42.1	-12	-1.9	1.6	-.4	-.1	40	28	-30
05S 31W 100A 01	TO	35.5	-14	-5.8	.4	-.4	-.3	46	33	-28
05S 31W 20CA 01	TO	131.4	-1	-.6	-1.0			50	49	-2
05S 32W 140D 01	TO	111.0			.7					
05S 33W 16CA 01	TO	17.1	-5	-.1	2.1	-.2	-.2	103	98	-5
05S 33W 29BA 01	TO									
05S 34W 01BB 01	TO	115.8		-1.4	.3	-.1	-.1	121	121	
05S 34W 28AD 01	TO	134.6	-8	-.5	.4	-.2	-.2	120	112	-7
05S 35W 10CD 01	TO	167.0		-1.2	.7			110	110	
05S 36W 21BC 01	QA,TO									



WATER-LEVEL CHANGE IN RAWLINS COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER		DEPTH TO WATER	
				1944 (FEET)	1974 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)	
225 06W 28CCB 01													
225 07W 17DCB 01	QU	1596.		2.0								7.8	7.0
225 08W 09DBB 01	QU	1670.	35	29.3					31.5	32.7	32.0	32.7	32.0
225 08W 23DAD 01	QU	1651.		4.2					27.8	30.2	29.9	30.2	29.9
225 08W 33CCD 01	QU	1658.							7.0	9.4		9.4	
225 09W 0388D 01	QU	1712.	20	29.1					33.4	35.2	33.5	34.6	33.5
225 09W 1784B 01	QU	1732.	10	9.8	8.6				17.7	19.6	19.2	19.6	19.2
225 09W 2588A 01	QU	1705.		18.9					20.5				
225 10W 02DCC 01	QU	1736.	12	1.6	9.2				8.8	10.7	9.4	9.1	9.4
225 10W 0888B 01	QU	1764.	6	5.9	13.5				14.1	15.9	13.6	12.8	13.6
225 10W 30DAA 01	QU	1775.	10	3.9	8.8				8.5	11.3	9.2	6.5	9.2
225 06W 31DCB 01	QU	1577.	27	32.4	32.1				31.4	31.0	31.1	32.1	31.1
225 07W 01ABA 01	QU	1567.	7	5.3	7.0				8.2	7.6	8.3	7.6	8.3
225 07W 05ABA 01	QU	1623.	20	22.5					25.0	26.8	26.5	28.0	26.5
225 07W 130DD 01	QU	1604.	49	52.8	53.2				52.7	52.6	52.5	52.7	52.5
225 07W 2688B 01	QU	1607.	37	40.3					39.0	37.4	38.4	35.7	38.4
225 08W 18AAD 01	QU	1675.	15	10.5	16.7				13.0	14.6	14.5	15.7	14.5
225 09W 05C8D 01	QU	1740.	9	12.0	20.0				16.6	18.0	18.9	18.6	18.9
225 09W 21DDB 01	QU	1732.	7	3.2	11.6				12.5	12.0	12.1	11.8	12.1
225 09W 35CCC 01	QU	1718.	10	13.6	25.0				15.6	20.7	20.7	20.4	20.7
225 10W 02BAB 01	QU	1751.	7	3.0	7.4				6.1	8.2	7.3	7.1	7.3
225 10W 07CAD 01	QU	1780.	5	2.1	6.3				5.3	6.5	5.7	5.7	5.7
225 10W 25CAC 01	QU	1752.	18	4.5	13.1				10.0	11.9	12.9	11.8	12.9
225 07W 08ADA 01	QU	1636.	34	48.7					47.0	49.7	46.1	49.0	46.1
225 07W 28AAA 01	QU	1588.	13	14.1	13.1				11.5	12.3	12.3	12.1	12.3
225 08W 04AB 01	QU	1660.	13						13.3	14.3	17.7	17.5	17.7
225 08W 18BAC 01	QU	1649.		2.5					3.4	5.5	6.1	5.0	6.1
225 08W 34DAC 01	QU	1590.		6.4	8.3				5.7	6.3	6.3	6.2	6.3
225 09W 19DDB 01	QU	1704.	17	21.9	22.9				22.2	21.9	23.3	22.9	23.3
225 10W 05DBB 01	QU	1797.	17	17.9	22.4				21.2	20.2	22.7	22.1	22.7
225 10W 17DDC 01	QU	1755.	9	11.8	.9				14.7	15.3	16.9	15.0	16.9
225 07W 0788D 01	QU	1602.		24.3	24.8				23.2	23.1	23.7	23.2	23.7
225 07W 36CCC 01	QU	1570.		24.5	28.0				26.0	26.1	27.3	26.8	27.3
225 08W 19ADR 01	QU	1607.		7.3	7.7				9.5	9.5	9.6	9.4	9.6
225 09W 01DCC 01	QU	1658.	10	12.8	13.6				13.8	13.6	14.8	14.6	14.8
225 09W 1788C 01	QU	1710.	7	12.6	13.7				14.1	14.6	15.2	14.9	15.2
225 09W 30DDA 01	QU	1693.	15	16.0	14.4				17.0	17.8	17.9	17.3	17.9
225 10W 1488B 01	QU	1748.	25	24.9	25.4				25.3	24.6	25.9	24.6	25.9
225 10W 19ABD 01	QU	1790.	33	27.9	28.5				28.0	28.1	29.7	28.4	29.7
225 06W 13BAB 01	QU	1475.		7.2	9.9				6.8	9.5	9.8	7.8	9.8

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

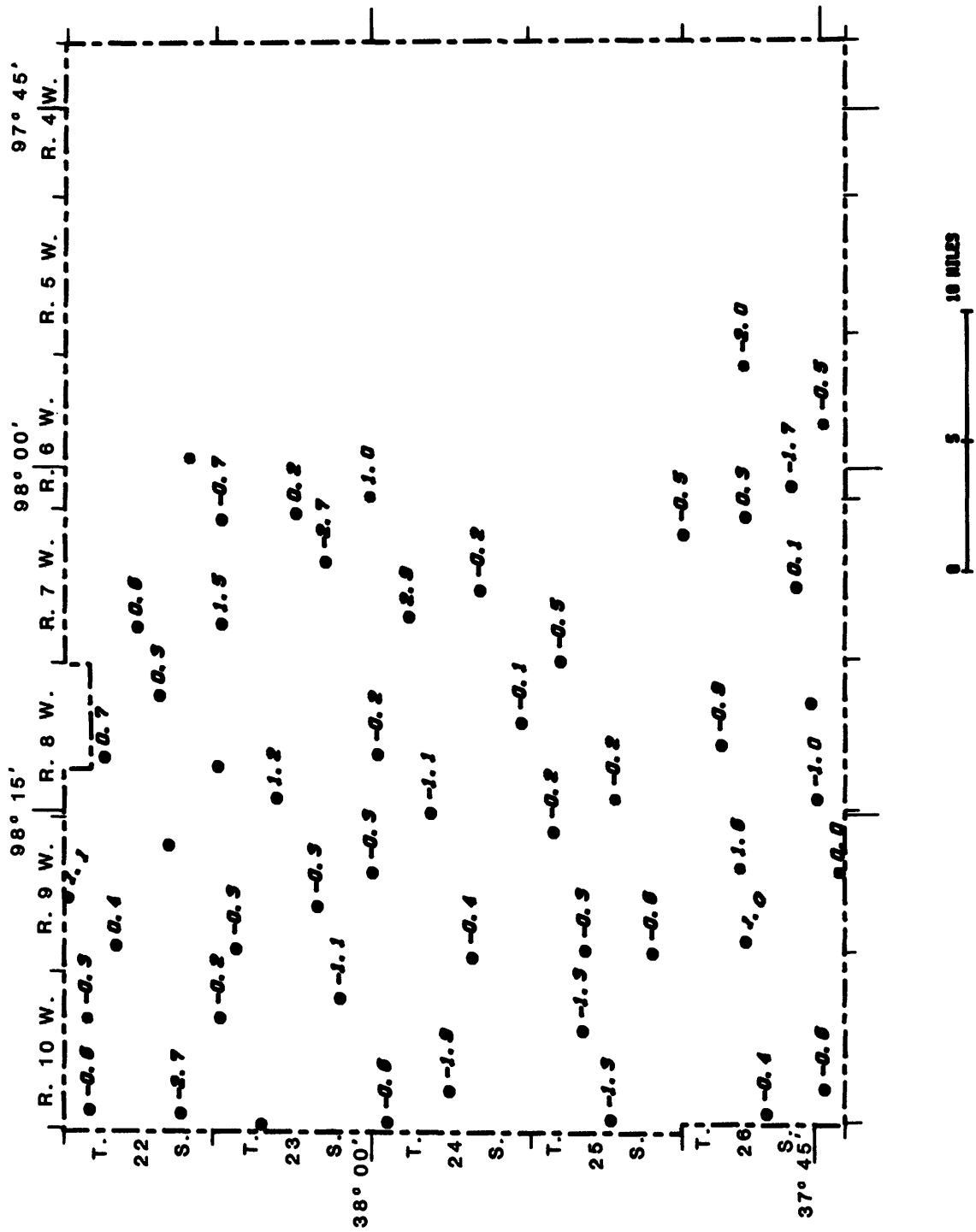
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1944 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
26S 06W 190CD 01	QU	1575.		24.8					25.8	25.5	26.0	27.7
26S 06W 348BC 01	QU	1545.		17.6					18.1	18.9	19.5	20.0
26S 07W 12DCC 01	QU	1582.		30.6				32.0	31.4	31.2	31.6	31.3
26S 07W 210DC 01	QU	1620.		21.5				24.4	23.5	19.8	20.9	20.8
26S 08W 09ABA 01	QU	1569.						7.0	6.7	6.7	6.9	7.8
26S 08W 26CAB 02	QU	1610.		3.2				4.2	2.9	4.0	3.7	
26S 08W 30DCB 01	QU	1680.		32.5				35.1	33.8	32.7	33.0	34.0
26S 09W 10DDB 01	QU	1686.		19.8			19.7		22.1	21.6	21.8	19.9
26S 09W 18AAA 01	QU	1668.	26	8.3			8.2		6.6	8.3	8.5	7.5
26S 09W 34DBD 01	QU	1685.	25	25.3			26.0		25.6	25.2	25.5	25.5
26S 10W 18CDC 01	QU	1797.	13	24.6		24.3	25.2	24.7	24.2	23.7	24.3	24.7
26S 10W 328BD 01	QU	1760.	5	24.5			25.3	26.9	24.5	25.2	25.5	26.1

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
22S 06W 28CCB 01										
22S 07W 17OCB 01	QU	7.0	-4.9	-4.9	.8		-.5			
22S 08W 09DRB 01	QU	32.0			.7	.1				
22S 08W 23DAD 01	QU	29.9			.3		-.1			
22S 08W 33CCD 01	QU									
22S 09W 03BBD 01	QU	33.5	-4.4	-4.4	1.1	-.4	-.5			
22S 09W 17BAB 01	QU	19.2	-9.4	-9.4	.4	-.2	-1.0			
22S 09W 25BBA 01	QU									
22S 10W 020CC 01	QU	9.4	-7.8	-7.8	-.3	.1	-.9			
22S 10W 05B8B 01	QU	13.6	-7.7	-7.7	-.8	-.2	-.9			
22S 10W 30DAA 01	QU	9.2	-5.3	-5.3	-2.7		-.6			
23S 06W 31OCB 01	QU	31.1	1.3	1.3	1.0	-.1	.1			
23S 07W 01ABA 01	QU	8.3	-3.0	-3.0	-.7		-.3			
23S 07W 05ABA 01	QU	26.5	-4.0	-4.0	1.5	-.2	-.4			
23S 07W 130DD 01	QU	52.5	.3	.3	.2	-.1	-.4			
23S 07W 2688B 01	QU	38.4	1.9	1.9	-2.7		.2			
23S 08W 18AAD 01	QU	14.5	-4.0	-4.0	1.2		-.4			
23S 09W 05C9D 01	QU	18.9	-6.9	-6.9	-.3		-.8			
23S 09W 210DB 01	QU	12.1	-8.9	-8.9	-.3		-1.0			
23S 09W 35CCC 01	QU	20.7	-7.1	-7.1	-.3		-.8	100	89	-11
23S 10W 02BAB 01	QU	7.3	-4.3	-4.3	-.2		-.5			
23S 10W 07CAD 01	QU									
23S 10W 25CAC 01	QU	12.9	-8.4	-8.4	-1.1	.1	-.9			
24S 07W 08ADA 01	QU	46.1	2.6	2.6	2.9	-.3	.3			
24S 07W 28AAA 01	QU	12.3	1.8	1.8	-.2		.2			
24S 08W 04AB 01	QU	17.7			-.2		-.4			
24S 08W 18BAC 01	QU	6.1	-3.6	-3.6	-1.1		-.4			
24S 08W 34DAC 01	QU	6.3	.1	.1	-.1					
24S 09W 190DB 01	QU	23.3	-1.4	-1.4	-.4	-.2	-.2			
24S 10W 060BB 01	QU	22.7	-4.8	-4.8	-.6	-.2	-.5			
24S 10W 170DC 01	QU	16.9	-5.1	-5.1	-1.9	-.2	-.6			
25S 07W 078BD 01	QU	23.7	.6	.6	-.5		.1			
25S 07W 36CCC 01	QU	27.3	-2.8	-2.8	-.5		-.3			
25S 08W 19ADB 01	QU	9.6	-2.3	-2.3	-.2		-.3			
25S 09W 010CD 01	QU	14.8	-2.0	-2.0	-.2	-.1	-.2			
25S 09W 178BC 01	QU	15.2	-2.6	-2.6	-.3	-.2	-.3			
25S 09W 300DA 01	QU	17.9	-1.9	-1.9	-.6	-.1	-.2			
25S 10W 1488A 01	QU	25.9	-1.0	-1.0	-1.3		-.1	90	89	-1
25S 10W 19ABD 01	QU	29.7	-1.8	-1.8	-1.3	.1	-.2			
26S 06W 138AB 01	QU	9.8	-2.6	-2.6	-2.0		-.3			

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
26S 06W 190C0 01	QU	27.7	-2.9	-1.7	-1.7	-0.3	-0.3			
26S 06W 348BC 01	QU	20.0	-2.4	-0.5	-0.5	-0.3	-0.3			
26S 07W 120CC 01	QU	31.3	-0.7	.3	.3	-0.1	-0.1			
26S 07W 210DC 01	QU	20.8	.7	.1	.1	.1	.1			
26S 08W 09ABA 01	QU	7.8		-0.9	-0.9					
26S 08W 26CAB 02	QU									
26S 08W 30DC9 01	QU	34.0	-1.5	-1.0	-1.0	-0.2	-0.2			
26S 09W 100DB 01	QU	19.9	-0.1	1.9	1.9	.2	.2			
26S 09W 18AAA 01	QU	7.5	.8	1.0	1.0	.1	.1			
26S 09W 3408D 01	QU	25.5	-0.2	0.0	0.0					
26S 10W 18C0C 01	QU	24.7	-0.1	-0.4	-0.4	-0.3	-0.3			
26S 10W 328BD 01	QU	26.1	-1.6	-0.6	-0.6	-0.5	-0.5			



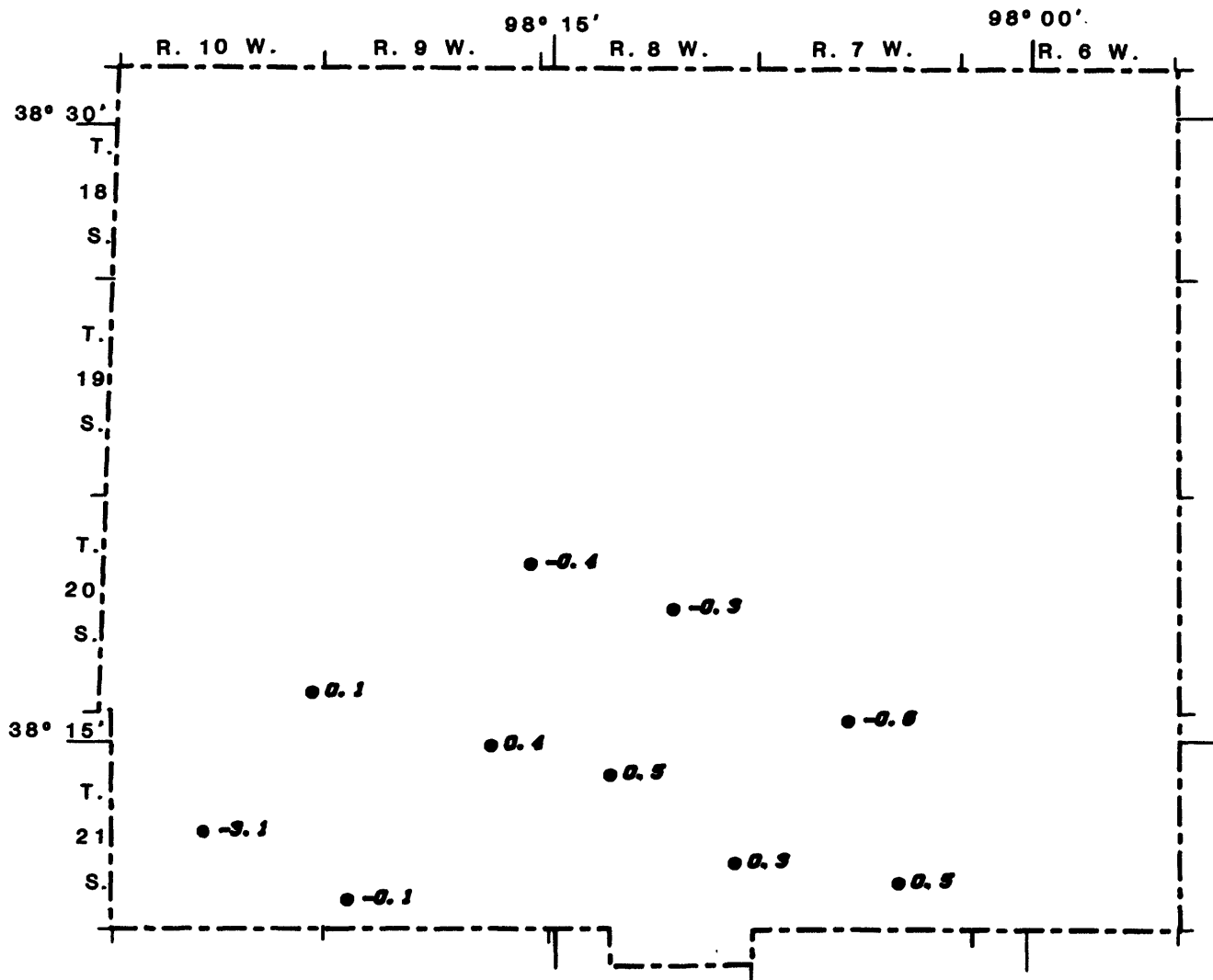
WATER-LEVEL CHANGE IN RENO COUNTY, 1982-83

TABLE 1.-- SELECTED HYDROLOGIC DATA, RICE 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 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
20S 08W 22AAA 01		1664.		14					14.2	15.0	13.8	14.1
20S 09W 12DDA 01	QA	1664.		11	8.3	13.7	11.7	13.1	13.4	14.1	12.5	12.9
20S 10W 36ACD 01		1715.		10			12.5	13.4	13.4	13.7	13.1	13.0
21S 07W 04AAC 01		1615.		14			12.6	13.6	12.9	14.1	13.2	13.8
21S 07W 26CRD 01		1595.		10			7.8	9.9	8.7	11.0	10.2	9.7
21S 08W 09CBD 01		1647.		9			8.9	10.3	9.5	11.4	11.2	10.7
21S 08W 25ABB 01		1620.		7			8.9	4.1	3.3	6.2	5.0	4.7
21S 09W 02DDA 01		1670.		9			10.7	12.4	12.1		12.8	12.4
21S 09W 31AAC 01	QA	1705.		13	14.8		12.7	14.6	11.8	13.9	13.2	13.3
21S 10W 21A0B 01	QU	1720.		5	2.0		8.1	8.9	8.7	8.6	5.4	8.5

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
20S 08W 22AAA 01		14.1			-.3					
20S 09W 120DA 01	QA	12.9	-2	-4.6	-.4	-.1	-.5			
20S 10W 36ACD 01		13.0	-3		.1	-.1				
21S 07W 04AAC 01		13.8			-.6					
21S 07W 26C8D 01		9.7			.5					
21S 08W 09C8D 01		10.7	-2		.5	-.1				
21S 08W 25A88 01		4.7	2		.3	.1				
21S 09W 020DA 01		12.4	-3		.4	-.1				
21S 09W 31AAC 01	QA	13.3		1.5	-.1		.2			
21S 10W 21A08 01	QU	8.5	-4	-6.5	-3.1	-.1	-.7			



WATER-LEVEL CHANGE IN RICE COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983			
165 31W 17000 01	T0	2931.	161	118	118.2	122.6	120.8	121.8	119.0						
165 31W 23000 01	T0	2906.	174	120	122.5	126.1	123.5	125.6	128.0						
165 31W 31800 01	T0	2958.	168	127	133.9	134.0	133.4	136.6	135.0						
165 32W 23800 01	T0	2976.	171	136	141.8	142.9	142.3	148.8	150.4						
165 33W 07000 01	T0	3099.	193	130	155.9	157.1	163.8	164.5	161.0						
165 33W 19000 01	T0	3097.	192	124	157.3	159.5	162.9	160.1	157.2						
165 33W 21800 01	T0	3078.	188	145	164.0	165.2	172.6	165.2	166.5						
165 33W 24000 01	T0	2855.	58	6	11.1	12.0	12.5	11.7	12.0						
165 33W 25800 01	T0	2879.	84	5	9.7	10.2	12.4	12.6	13.5						
165 33W 31000 01	T0	3098.	203	117	145.8	146.3	147.5	149.2	150.1						
165 33W 33800 01	T0	3066.	194	130	145.2	146.9	150.6	148.6	148.9						
165 34W 09000 01	T0	3146.	181	118	151.4	151.9	153.1	155.9	156.7						
165 34W 13800 01	T0	3110.	187	129	156.1	163.4	164.6	162.2	163.0						
165 34W 20800 01	T0	3150.	190	118	156.2	156.2	164.0	166.1	166.0						
165 34W 22800 01	T0	3128.	196	113	158.2	161.6	163.1	162.4	163.2						
165 34W 29000 01	T0	3160.	181	119	156.2	159.5	165.2	168.2	166.2						
165 34W 31800 02	T0	3170.	200	120	155.4	159.5	165.6	164.4	165.1						
165 34W 34000 01	T0	3135.	190	114	154.1	156.7	165.4	169.1	163.8						
175 31W 04000 01	T0	2932.	170	117	121.2	121.0	126.6	130.3	135.1						
175 31W 14000 01	T0	2914.	164	94	104.6	101.4	100.9	111.1	112.5						
175 31W 19000 01	T0	2960.	170	88	97.3	128.1	133.8	147.8	146.8						
175 31W 25800 01	T0	2914.	178	87	107.5	117.2	123.4	137.7	138.7						
175 31W 31800 01	T0	2958.	147	86	94.1	97.3	99.3	101.8	101.0						
175 31W 35000 01	T0	2925.	231	88	126.9	131.5	132.3	145.8	152.2						
175 32W 16800 01	T0	2980.	231	88	120.1	131.5	132.3	145.8	152.2						
175 32W 27800 01	T0	2990.	180	95	131.3	128.1	133.8	147.8	146.8						
175 32W 31800 01	T0	2984.	245	68	114.5	117.2	123.4	137.7	138.7						
175 33W 07800 01	T0	3093.	202	112	146.8	148.0	150.3	154.6	153.6						
175 33W 13000 01	T0	2990.	241	79	119.1	130.9	130.9	136.2	140.7						
175 33W 14000 01	T0	3014.	214	93	129.9	131.9	134.3	137.8	138.7						
175 33W 16800 01	T0	3050.	188	101	137.0	143.5	143.5	146.8	146.6						
175 33W 28000 01	T0	3035.	190	84	99.9	107.5	107.5	115.3	118.6						
175 34W 06800 01	T0	3163.	194	108	136.7	143.5	141.6	146.8	146.6						
175 34W 16000 01	T0	3134.	194	107	122.0	122.7	123.2	127.8	126.3						
175 34W 25000 01	T0	3092.	189	103	131.2	134.8	135.5	137.1	134.6						
175 34W 27800 01	T0	3113.	188	102	119.4	120.9	121.8	123.7	124.7						
175 34W 28000 01	T0	3138.	184	98	123.8	125.1	124.6	126.6	126.6						
185 31W 20800 01	T0	2951.	136	81	82.0	94.3	79.1	79.5	77.9						
185 31W 24800 01	T0	2913.	110	68	75.2	71.9	74.8	74.1	77.9						
185 31W 27800 01	T0	2930.	105	70	70.0	70.3	69.8	69.9	70.4						

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	1950 (FEET)	1966 (FEET)	1977 (FEET)	1978 (FEET)	1979 (FEET)	1980 (FEET)	1981 (FEET)	1982 (FEET)	1983 (FEET)
18S 32W 1488B 01	T0	2980.	175	85	98.4	109.9	109.0	110.8	111.0	111.0	111.1	113.2	116.0
18S 32W 17A8A 02	T0	2973.									112.0	114.7	116.2
18S 32W 20C8B 01	T0	2958.	179	43	59.1	83.5	58.0	86.6	87.4	87.4	91.4	94.5	95.3
18S 33W 03C8B 01	T0	3008.	182	71	83.1	114.2	113.3	113.4	114.8	114.8	120.8	117.0	117.0
18S 33W 05CCC 01	T0	3041.	119	75	84.7	102.9	93.8	94.6	97.5	97.5	96.3	97.5	99.9
18S 33W 11A8B 01	T0	2981.	199	55		102.9	103.1	107.3	106.2	106.2	108.4	111.6	114.9
18S 33W 15DDD 01	T0	2958.	132			90.4	81.6	77.1	87.2	87.2	102.0	98.6	93.2
18S 33W 20CCD 01	T0	3034.	117	69	88.7	97.5	97.2	98.5	99.0	99.0	98.4	99.6	100.0
18S 33W 26DAD 02	T0	2952.	168	30	47.0	67.3	69.1	68.9	69.2	69.2	73.9	75.3	76.8
18S 33W 34A0B 01	T0	2960.	122	26					72.1	72.1	72.2	76.8	79.0
18S 33W 35AAA 01	QA,T0	2939.	144	17	30.0	54.8	56.1	58.6	59.8	59.8	60.9	62.9	61.3
18S 34W 01C8B 01	T0	3094.	166	96	107.5	115.9	116.8	118.8	120.8	120.8	121.3	124.8	120.1
18S 34W 05C8B 01	T0	3148.	168	88		108.8	109.8	111.8	111.8	111.8	113.3	115.5	115.6
18S 34W 09C0D 02	T0	3133.	163	90		105.1	107.4	108.2	109.2	109.2	109.9	110.3	110.3
18S 34W 1888B 01	T0	3154.	140	79	92.8	106.6	112.5	110.6	111.5	111.5	113.1	114.8	115.0
18S 34W 2588D 01	T0	3092.	132	90	95.8	114.9	108.8	109.9	110.7	110.7	110.7	111.6	112.4
18S 34W 300DC 01	T0	3150.	160	83	99.3	137.8	138.6	119.8	125.4	125.4	127.4	127.4	127.7
18S 34W 3488C 01	T0	3130.		90	100.6		118.0	114.7	118.0	118.0	119.0	119.1	119.1
19S 31W 208AD 01	KN	2982.		25		77.4	77.2	77.3	77.0	77.0	85.4	95.9	93.9
19S 32W 04D8B 01	T0	2940.									35.1	37.2	38.9
19S 32W 06CCB 01		2937.	199	21		53.0	54.7	58.8	60.7	60.7	63.0	65.6	67.1
19S 32W 32ACB 01	QU,TC	2984.	204	69		83.2	81.3	84.3	83.6	83.6	83.4	84.8	86.9
19S 33W 06D8B 01	TO,T0	3021.	117	59		66.9	65.6	65.3	66.0	66.0	63.5	64.6	64.6
19S 33W 120DC 01	QA,T0	2939.	200	25	29.5	45.8	47.3	50.0	50.1	50.1	51.3	52.6	53.1
19S 33W 15D8D 01	T0	2964.	132	56	70.9	101.4	103.2	98.8	99.0	99.0	104.5	107.0	109.0
19S 33W 21AAD 01	T0	2964.	124	57		105.2	106.3	107.6	107.7	107.7	108.5	108.5	105.3
19S 33W 24A8B 01	QA,T0	2949.	219	36		58.5	59.0	58.8	58.8	58.8	61.6	62.5	63.5
19S 33W 25DCD 01	QA,T0	2953.	214	42	59.7	81.3	81.8	91.2	90.4	90.4	89.7	92.0	89.2
19S 33W 29C8B 02	QA,T0	2994.	174	76	101.0	125.7	119.9	123.2	120.5	120.5	97.0	117.8	120.8
19S 33W 34DCC 01	QA,T0	2962.	162	50	79.4	94.0	94.9	96.6	96.5	96.5	97.0	97.4	97.9
19S 34W 16AAD 01	T0	3065.	80	50		55.2			59.0	59.0	58.2	59.1	59.2
19S 34W 190CCC01		3138.									125.8	125.2	125.0
19S 34W 3488B01	T0	3088.	140	116			123.7	126.7			118.1	117.6	118.2
20S 31W 14C8C 01	QA,T0	2863.	90			27.1	36.9	24.8			38.9	37.8	40.3
20S 32W 16DAD 01	T0	2955.	155	57			119.5	122.6	123.9	123.9			126.2
20S 32W 20A0B 01	T0	2930.		34									127.8
20S 32W 308CD 01	T0	2917.	187	25			75.3	79.1	81.1	81.1	84.0	87.6	92.5
20S 32W 320CD 01	QA,T0	2920.	175	37	49.0	78.5	68.0	68.0	68.5	68.5	90.1	92.7	95.5
20S 33W 02D8B 01	T0	2955.	155	50	76.6	94.5	92.9	99.0	101.9	101.9	115.0	115.0	115.0
20S 33W 058AB 01	T0	2985.	125	67		112.5	112.8		117.2	117.2	110.4	110.4	116.0

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
20S 33W 0988B 01	T0	2973.	128	60	84.5	92.6	93.7	94.7	96.0	97.0	97.7	98.2
20S 33W 10DBC 02	QU,T0	2958.						109.8	110.6		113.7	117.4
20S 33W 178AB 01	T0	2974.	132	62	84.8	109.2	111.5	113.1	115.8		115.8	117.4
20S 33W 21AB0 01	T0	2957.	147	48	50.9	110.9			116.0		129.2	124.1
20S 33W 26C8B 03	T0	2938.	153	43		94.0	94.5	96.1	96.9	98.8	100.4	100.2
20S 33W 3508A 01	QA,T0	2929.	147	40	53.2	85.0	83.1	90.0	91.8	88.5	91.0	93.7
20S 34W 02DBC 01	T0	3015.	109	70	74.3	80.0	79.9		80.7	84.1	80.4	80.7
20S 34W 158AA 01	T0	3060.	138	97		102.5	102.8		103.1	105.0	103.1	102.6
20S 34W 36CCD 01	T0	2962.	107	53		80.3	80.2	80.1	79.3	79.4	79.6	79.3

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

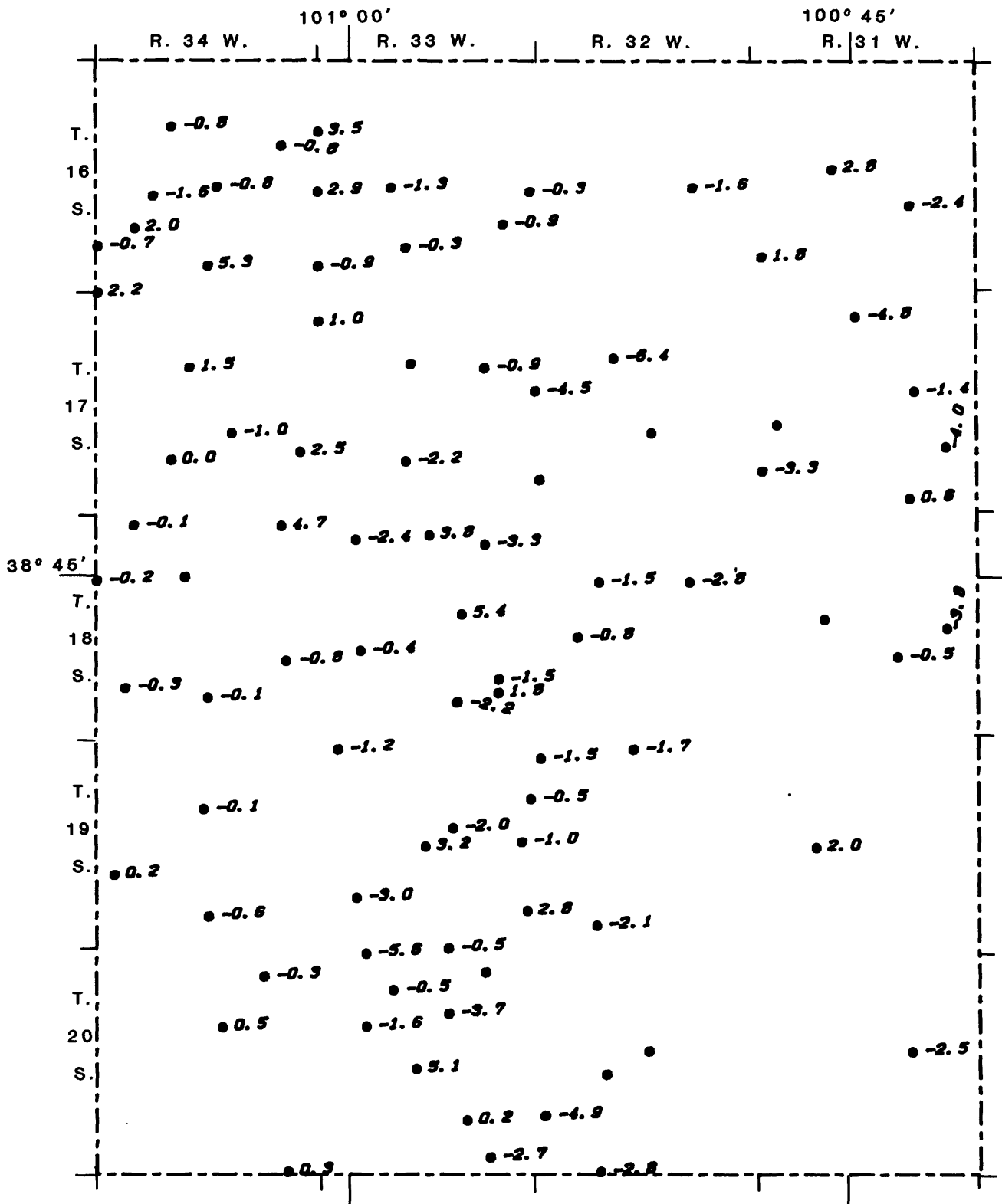
WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE (FEET/YEAR)		SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
						1950-83 (FEET/YEAR)	1966-83 (FEET/YEAR)			
16S 31W 1700D 01	T0	119.0	-1		2.8			43	42	-2
16S 31W 23CC 01	T0	128.0	-8		-2.4			54	46	-15
16S 31W 31BC 01	T0	135.0	-8	-6.6	1.6			41	33	-20
16S 32W 23BC 01	T0	150.4	-14	-9.6	-1.6			35	21	-40
16S 33W 07CC 01	T0	161.0	-31	-17.4	3.5			63	32	-49
16S 33W 19CB 01	T0	157.2	-33	-16.5	2.9			68	35	-49
16S 33W 21BC 01	T0	166.5	-22	-14.9	-1.3			43	22	-49
16S 33W 24DA 01	T0	12.0	-6	-1.6	-3			52	46	-12
16S 33W 25BC 01	T0	13.5	-9		-9			79	71	-10
16S 33W 31CB 01	T0	150.1	-33	-21.1	-9			56	53	-38
16S 33W 33BA 01	T0	148.9	-19		-3			64	45	-30
16S 34W 09CC 01	T0	156.7	-39	-23.2	-8			63	45	-62
16S 34W 13CB 01	T0	163.0	-34		-8			58	24	-59
16S 34W 20DC 01	T0	166.0	-48	-35.2	-1.6			72	24	-67
16S 34W 22BC 01	T0	163.2	-50	-26.5	-8			83	33	-60
16S 34W 29CB 01	T0	166.2	-47	-32.1	2.0			62	15	-76
16S 34W 31BB 02	T0	165.1	-45		-7			80	35	-56
16S 34W 34CB 01	T0	163.8	-50	-34.3	5.3			76	26	-66
17S 31W 04DC 01	T0	135.1	-18		-4.8			53	35	-34
17S 31W 14CC 01	T0	112.5	-19		-1.4			70	52	-26
17S 31W 19CD 01	T0	122.0	-19		-4.0			82	63	-23
17S 31W 25PC 01	T0	107.4	-32	-17.6	-3.3			91	59	-35
17S 31W 31BB 01	T0	118.6	-15		-8			61	46	-25
17S 31W 35CC 01	T0	101.0	-64		-6.4			143	79	-65
17S 32W 16BB 01	T0	152.2	-64							
17S 32W 27BB 01	T0	147.8	-53	-40.7				85	32	-62
17S 32W 31BC 01	T0	146.8	-79	-58.1				177	98	-45
17S 33W 07BB 01	T0	153.6	-42	-19.0	1.0			90	48	-47
17S 33W 13DD 01	T0	140.7	-62		-4.5			162	100	-38
17S 33W 14AC 01	T0	138.7	-46		-9			121	75	-38
17S 33W 16AB 01	T0									
17S 33W 28CD 01	T0	138.7	-55	-38.7	-2.2			106	51	-52
17S 34W 06BC 01	T0	144.6	-37	-26.1	2.2			86	49	-43
17S 34W 16AC 01	T0	126.3	-19	-14.2	1.5			87	68	-22
17S 34W 25DB 01	T0	134.6	-32	-20.0	2.5			86	54	-37
17S 34W 27AB 01	T0	124.7	-23	-18.8	-1.0			86	63	-27
17S 34W 28CB 01	T0	126.6	-29		0.0			86	57	-34
18S 31W 20AB 01	T0									
18S 31W 24BC 01	T0	77.9	-10		-3.8			42	32	-24
18S 31W 27AB 01	T0	70.4			-5			35	35	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
18S 32W 1488E 01	TO	116.0	-31	-17.5	-2.8	-0.9	-1.0	90	59	-34
18S 32W 1788A 02	TO	116.2	-52	-36.2	-1.5	-1.6	-2.1	136	84	-38
18S 32W 20C8B 01	TO	95.3	-46	-33.9	3.8	-1.4	-2.0	111	65	-41
18S 33W 03C8B 01	TO	117.0	-25	-15.1	-2.4	-0.8	-0.9	44	19	-57
18S 33W 05CCC 01	TO	99.9	-60	-31.3	-3.3	-1.8	-1.8	144	94	-42
18S 33W 11A8B 01	TO	114.9	-31	-11.3	5.4	-0.9	-0.7	48	39	-65
18S 33W 150DD 01	TO	93.2	-47	-29.8	-1.5	-1.4	-1.8	138	91	-34
18S 33W 20CCD 01	TO	100.0	-53	-22.2	-2.2	-1.6	-1.6	96	43	-55
18S 33W 260AD 02	TO	76.8	-44	-31.3	1.6	-1.3	-1.8	127	83	-35
18S 33W 34A0B 01	TO	79.0	-24	-12.6	4.7	-0.7	-0.7	70	46	-34
18S 33W 35AAA 01	QA,TO	61.3	-28	-18.5	-0.1	-0.8	-1.3	80	52	-35
18S 34W 01C8B 01	TO	120.1	-36	-22.2	-0.2	-1.1	-1.3	61	25	-59
18S 34W 05C8B 01	TO	115.6	-22	-16.6	-0.8	-0.7	-1.0	42	20	-52
18S 34W 09C0D 02	TO	112.4	-45	-28.4	-0.3	-1.4	-1.7	70	41	-41
18S 34W 3488C 01	TO	127.7	-29	-18.5	-1.1	-0.9	-1.1	70	41	-41
18S 34W 3688C 01	KN	119.1	-14	-0.0	2.0	-0.4	-0.4	70	41	-41
19S 31W 208AD 01	TO	93.9	-46	-1.5	-1.7	-1.4	-1.4	178	132	-26
19S 32W 0408B 01	TO	38.9	-18	-2.1	-1.5	-0.5	-0.5	135	117	-13
19S 32W 06CCB 01	QU,TO	67.1	-6	-1.2	-1.2	-0.2	-0.2	58	52	-10
19S 32W 32ACB 01	TO,TO	86.9	-28	-23.5	-0.5	-0.8	-1.4	175	147	-16
19S 33W 0608B 01	TO,TO	64.6	-53	-38.1	-2.0	-1.6	-2.2	76	23	-70
19S 33W 120DC 01	QA,TO	53.1	-48	-29.5	-0.5	-1.5	-1.5	67	19	-72
19S 33W 120DC 01	TO	109.0	-48	-18.5	-0.5	-1.5	-1.5	183	156	-15
19S 33W 1508D 01	QA,TO	97.9	-9	-0.0	3.2	-0.8	-0.8	172	125	-27
19S 33W 340CC 01	TO	105.3	-2	-29.5	-1.0	-1.4	-1.7	98	53	-46
19S 33W 21AAD 01	TO	63.5	-48	-19.8	-3.0	-1.4	-1.2	112	64	-43
19S 33W 24A8B 01	QA,TO	89.2	-48	-18.5	-0.5	-1.5	-1.5	30	21	-30
19S 33W 250CD 01	QA,TO	120.8	-9	-0.0	-0.1	-0.3	-0.3	24	22	-8
19S 33W 29C8B 02	QA,TO	97.9	-2	-2.5	-2.5	-0.1	-0.1	98	50	-70
19S 33W 340CC 01	QA,TO	97.9	-69	-69	-69	-2.1	-2.1	98	29	-70
19S 34W 16AAD 01	TO	59.2	-68	-4.9	-4.9	-2.1	-2.1	162	95	-41
19S 34W 190CCC 01	TO	125.0	-59	-2.8	-2.8	-1.8	-1.8	136	80	-42
19S 34W 3488B801	TO	118.2	-65	-38.4	-38.4	-2.0	-2.0	105	40	-62
20S 31W 14C8C 01	QA,TO	40.3	-49	-5.6	-5.6	-1.5	-1.5	58	9	-84
20S 32W 160AD 01	TO	126.2	-68	-4.9	-4.9	-2.1	-2.1	162	95	-41
20S 32W 20A0B 01	TO	92.5	-59	-2.8	-2.8	-1.8	-1.8	136	80	-42
20S 32W 308CD 01	QA,TO	95.5	-65	-38.4	-38.4	-2.0	-2.0	105	40	-62
20S 32W 320CD 01	TO	115.0	-49	-5.6	-5.6	-1.5	-1.5	58	9	-84
20S 33W 0208B 01	TO	116.0	-49	-5.6	-5.6	-1.5	-1.5	58	9	-84
20S 33W 058AB 01	TO	116.0	-49	-5.6	-5.6	-1.5	-1.5	58	9	-84

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
20S 33W 0989B 01	T0	98.2	-38	-13.7	-5	-1.2	-0.8	68	30	-56
20S 33W 1009C 02	QU, T0	117.4			-3.7					
20S 33W 178A8 01	T0	117.4	-55	-32.6	-1.6	-1.7	-1.9	70	15	-79
20S 33W 21A8D 01	T0	124.1	-76	-73.1	5.1	-2.3	-4.3	99	23	-77
20S 33W 26C8B 03	T0	100.2	-57		.2	-1.7		110	53	-52
20S 33W 35D8A 01	QA, T0	93.7	-54	-40.4	-2.7	-1.6	-2.4	107	53	-50
20S 34W 0208C 01	T0	80.7	-11	-6.4	-.3	-.3	-.4	39	28	-28
20S 34W 158AA 01	T0	102.6	-6		.5	-.2		41	35	-15
20S 34W 36CCD 01	T0	79.3	-26		.3	-.8		54	28	-48



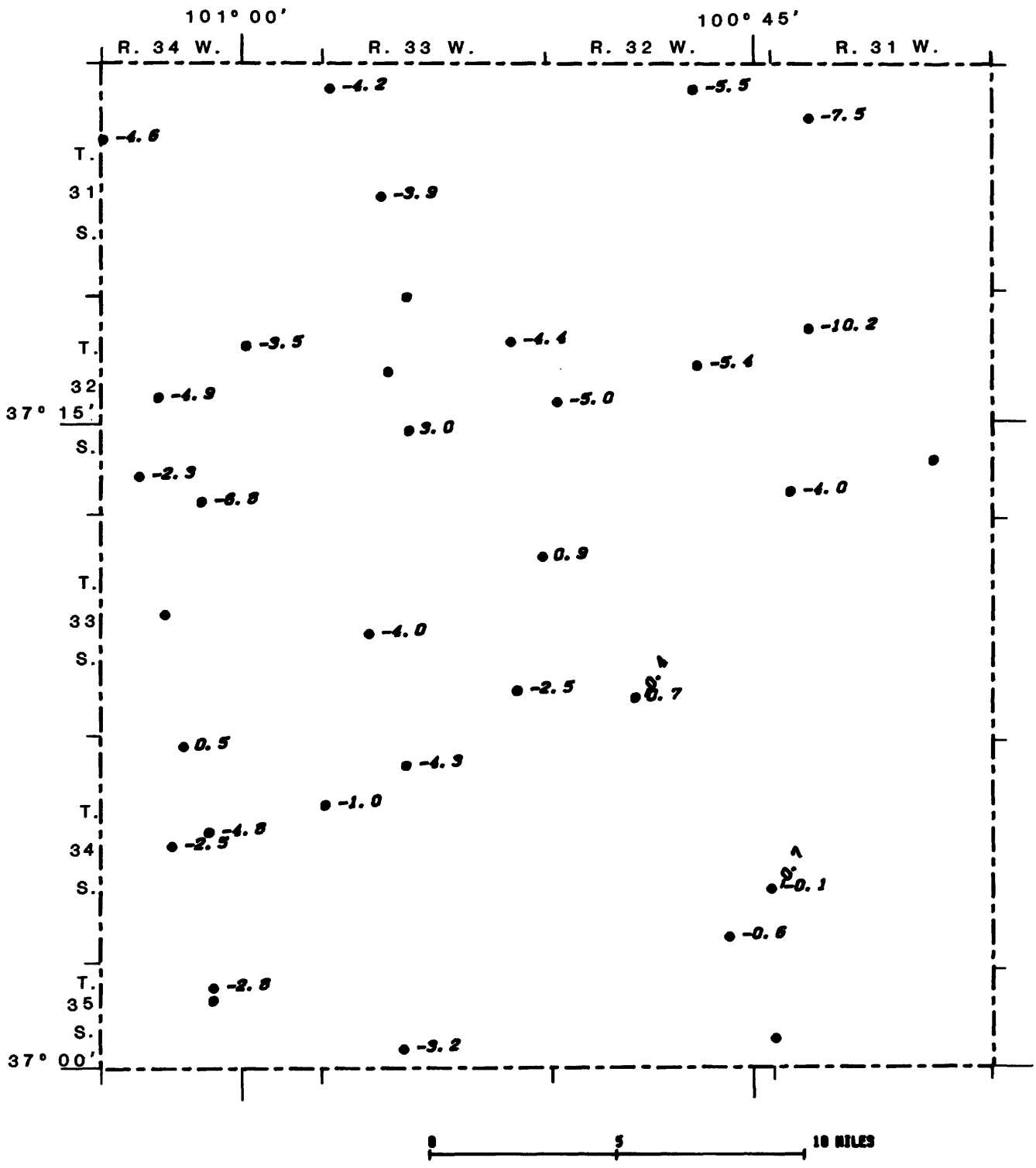
WATER-LEVEL CHANGE IN SCOTT COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER 1983 (FEET)
				1940	1965	1977	1978	1979	1980	1981	1982			
31S 31W 088CC 01	QU,TO	2829.	519	164	169.4	192.5	196.6	202.8	204.8	208.1	210.5	218.0		
31S 32W 03DAD 01	QU,TO	2845.	496	158	174.1	191.8	198.5	210.6	206.6	213.8	216.8	222.3		
31S 33W 06CBD 01	QU,TC	2948.	498	210	211.2	225.9	230.3	229.7	233.1	236.4	238.2	242.4		
31S 33W 20DBB 01	QU,TO	2897.	537	179	179.1	194.3	196.8	199.0	207.2	210.7	213.2	217.1		
31S 34W 188BB 01	QU,TO	2951.	421	186	186.3	202.7	204.6	207.0	207.1	213.4	218.0			
32S 31W 088BB 01	QU,TC	2815.	455	175	165.5	188.8	190.2	192.3	198.8	200.5	204.4	214.6		
32S 31W 26CAA 01	QU,TO	2783.	453	180	182.9		205.3	205.3	209.4	219.2	216.5	213.0		
32S 31W 31ACC 01	QU,TO	2778.	438	173	177.5		194.1	217.4	208.4	209.0	227.3	232.7		
32S 32W 148BB 01	QU,TO	2830.	435	180	192.8	211.2	215.2	213.4		222.2	227.2	227.2		
32S 32W 198AB 01	QU,TO	2854.	475	189	194.7	209.0	210.5			188.4	195.4	216.8		
32S 33W 048AA 01		2869.		167						212.1	212.4			
32S 33W 128CC 01	QU,TO	2865.	435	183	184.7	203.9	205.1	207.0	209.7	71.0				
32S 33W 17ABC 01										22.3	21.8	18.8		
32S 33W 21CDB 01	QU,TO	2697.	350	16	17.0	19.9	210.8	19.5	20.7	219.3	219.3	222.8		
32S 34W 10DAA 01	QU,TO	2925.	470	205	203.5	199.4		213.5	212.6					
32S 34W 17DCC 01	QU,TO	2953.	493	213	222.8	236.9	239.0	240.6	243.9	250.4	253.8	258.7		
32S 34W 328BB 01	QU,TO	2921.	491	159	154.3	166.7	167.9	169.1	177.1	184.9	187.1	189.4		
32S 34W 330DD 01		2890.		150			160.0				176.1	184.7		
33S 32W 28COD 01	QU,TO	2630.	399	60		57.1	59.5	59.8	60.9	62.8	62.8	62.1		
33S 32W 28COD 02	QU,TO	2630.	399	60		54.3	55.7	56.2	57.1	57.6	58.0	58.4		
33S 33W 12AAD 01	QU,TO	2626.	316	5	5.7	7.4	8.4	8.7	7.6		9.2	8.3		
33S 33W 20BCC 01		2866.		176						211.2	213.5	217.5		
33S 33W 250CC 01		2810.		197						212.2	210.5	213.0		
33S 34W 17DCC 01		2918.		123								114.0		
34S 31W 308BB 01		2731.	671	208		208.9	208.7	208.8	209.0	210.3	210.5	210.6		
34S 31W 308BB 02	QU,TO	2731.	671	208		206.4	206.9	207.3	207.4	208.8	208.8	209.5		
34S 32W 35ADA 01	QU,TO	2734.		189		188.9	191.4	189.0	189.6		190.8	191.4		
34S 33W 048CD 01		2855.		165						201.3	206.2	210.5		
34S 33W 07CCB 01		2901.	575	140	126.7	128.1	129.0	129.7	130.2	131.6	132.9	133.9		
34S 34W 048DD 01		2931.	121	121						122.7	126.2	125.7		
34S 34W 16DAA 01	QU,TC	2943.	673	114	94.5	121.6	118.2	120.2	122.2	127.9	133.3	137.9		
34S 34W 170DD 01	QU,TO	2945.	425	105		110.5	112.3	114.5	115.1	117.8	117.8	120.3		
35S 31W 188BA 01	QU,TO	2707.	497	187	181.9	171.8	172.3	176.9	172.1	181.4	181.4	187.7		
35S 33W 168CA 01	QU,TO	2838.	658	126	103.7	112.4	115.3	112.5	114.5	116.7	120.0	123.2		
35S 34W 03C9C 01		2920.							96.9	97.8	100.4			
35S 34W 108BB 01	QU,TC	2912.	647	90	80.3	68.5	70.2	71.6	71.6	74.5		78.0		

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
31S 31W 085C 01	QU,TO	218.0	-54	-48.5	-7.5	-1.3	-2.9	355	301	-15
31S 32W 030A 01	QU,TO	222.3	-64	-48.1	-5.5	-1.5	-2.8	338	274	-19
31S 33W 06C8 01	QU,TO	242.4	-32	-31.2	-4.2	-0.7	-1.8	288	256	-11
31S 33W 20D8 01	QU,TO	217.1	-38	-38.0	-3.9	-0.9	-2.2	358	320	-11
31S 34W 18B8 01	QU,TO	218.0	-32	-31.6	-4.6	-0.7	-1.9	235	203	-14
32S 31W 08B8 01	QU,TO	214.6	-40	-49.1	-10.2	-0.9	-2.9	280	240	-14
32S 31W 26C4 01	QU,TO	216.5	-37	-33.6	-9.0	-0.9	-2.0	273	237	-13
32S 31W 31A 01	QU,TO	213.0	-40	-35.5	-4.0	-0.9	-2.1	265	225	-15
32S 32W 14B8 01	QU,TO	232.7	-53	-39.9	-5.4	-1.2	-2.3	255	202	-21
32S 32W 19B8 01	QU,TO	227.2	-38	-32.4	-5.0	-0.9	-1.9	286	248	-13
32S 33W 04B4 01	QU,TO	216.8	-34	-32.1	-4.4	-0.8	-1.9	252	218	-13
32S 33W 12B 01	QU,TO	18.8	-3	-1.8	3.0	-0.1	-0.1	334	331	-1
32S 33W 17A 01	QU,TO	222.8	-18	-19.3	-3.5	-0.4	-1.1	265	247	-7
32S 34W 10D4 01	QU,TO	258.7	-46	-35.9	-4.9	-1.1	-2.1	280	234	-16
32S 34W 17D 01	QU,TO	189.4	-30	-35.1	-2.3	-0.7	-2.1	332	302	-9
32S 34W 33D 01	QU,TO	184.7	-35	-8.6	-8.6	-0.8		339	337	-1
33S 32W 28C 01	QU,TO	62.1	-2	.7	.7			339	341	1
33S 32W 29C 02	QU,TO	58.4	2	-0.4	-0.4			311	308	-1
33S 33W 12A 01	QU,TO	8.3	-3	-2.6	.9	-0.1	-0.2			
33S 33W 20B 01	QU,TO	217.5	-42	-4.0	-4.0	-1.0				
33S 33W 25D 01	QU,TO	213.0	-16	-2.5	-2.5	-0.4				
33S 34W 17D 01	QU,TO	114.0	9			.2		463	460	-1
34S 31W 30B 01	QU,TO	210.6	-3		-0.1	-0.1		463	462	
34S 31W 30B 02	QU,TO	209.5	-2	-0.7	-0.7					
34S 32W 35A 01	QU,TO	191.4	-2	-0.6	-0.6					
34S 33W 04B 01	QU,TO	210.5	-46	-4.3	-4.3	-1.1		435	441	1
34S 33W 07C 01	QU,TO	133.9	6	-7.1	-1.0	.1	-0.4			
34S 34W 04B 01	QU,TO	125.7	-5		.5	-0.1				
34S 34W 16A 01	QU,TO	137.9	-24	-4.3	-4.6	-0.6	-2.5	559	535	-4
34S 34W 17D 01	QU,TO	120.3	-15	-2.5	-2.5	-0.3		320	305	-5
35S 31W 18B 01	QU,TO	187.7	-1	-5.7	-3.2		-0.3	310	309	
35S 33W 16B 01	QU,TO	123.2	3	-19.5	-3.2	.1	-1.1	532	535	1
35S 34W 03C 01	QU,TO	100.4		-2.6	-2.6					
35S 34W 10B 01	QU,TO	78.0	12	2.4		.3	.1	557	569	2



WATER-LEVEL CHANGE IN SEWARD COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983			
06S 27W 030CD 01	QA	2560.	68	29	31.8	34.2	32.6	34.1	33.5	34.9	35.8	34.6			
06S 27W 08DCA 01	QA,TO	2588.	108	21	14.6	20.8	21.3	20.2	19.3	20.8	20.2	19.8			
06S 27W 19DAB 01	QA,TO	2610.	60	30	26.6	28.6	28.4	29.9	32.9	30.8	32.4	36.6			
06S 27W 27BCC 01	TO	2716.	320	162	154.4	162.8	163.2	159.3	159.4	159.4	164.8				
06S 29W 10DBC 01	TO	2823.	205	116	118.6	140.5	142.2	129.5	128.9	131.1		131.4			
06S 29W 24ABB 01	TO	2781.	205	91	96.2	100.3	101.1	101.4	101.6	102.3	105.5	103.6			
06S 29W 33CDA 01	TO	2828.	207	94	93.3	102.2	102.9	102.4	103.0	104.5	105.6	106.4			
06S 30W 028CA 01	QA,TO	2780.	92	10	11.6	19.5	20.1	20.7	21.6	22.8	22.0	23.4			
06S 30W 139AA 01	TO	2875.	216	115		125.5	123.1	130.4	125.2	126.7	127.4	127.8			
06S 30W 14CCD 01	TO	2884.	203	95	102.8	108.2	106.9	108.2	107.9	109.2	108.9	110.1			
06S 30W 2400C 02		2898.		133	132.5			132.9			132.9				
07S 26W 06AAB 01	TO	2634.	204	125	125.9	127.9	125.9		129.2	129.8	131.1				
07S 26W 12BAC 01	TO	2559.	170	94	91.9	101.3	102.7	97.4	97.8	98.4	99.9	100.1			
07S 26W 158DD 01	TO	2622.	247	138		143.1	145.5	141.7	142.7	142.2	142.6	142.6			
07S 26W 198BC 01	TO	2625.	201	115		123.6	127.1	123.5	122.2	123.3	124.5	124.6			
07S 26W 28CAB 01	TO	2634.	243	142	148.4	152.3	152.7	153.0	153.1	154.5	154.2	154.4			
07S 27W 24BBD 01	TO	2639.	220	114	118.5	127.1	128.5		127.6	128.9		129.2			
07S 28W 08BDC 01	TO	2808.	282	140		153.4		155.8	158.1	160.6		163.7			
07S 28W 198BA 01	TO	2800.	240	112	118.1	134.6	136.0	138.2	142.7	147.1	149.6	147.1			
07S 28W 21ABB 01	TO	2774.	235	129	131.0	147.0	147.7	151.5	154.2	156.0	159.4	160.2			
07S 28W 36ABA 01	TO	2725.	233	123	127.5	133.9	135.2	138.5	140.4	139.3		149.0			
07S 29W 020BD 01	TO	2838.	259	127	136.2	146.3	146.8	148.5	149.5	151.8	153.1	154.4			
07S 29W 21ABB 01	TO	2860.	240	121	121.1	142.5		147.8	149.8	149.8	151.1	151.8			
07S 29W 27CCC 01	TO	2869.	265	131		163.8	164.8	170.8	172.9	177.1	179.7	175.1			
07S 29W 30ABA 01	TO	2886.	255	113	121.8	146.6	145.3	148.3	149.6	151.9	153.1	154.1			
08S 26W 14DAA 01	QA	2398.	66	13	19.5	16.7	16.8	17.6	14.9	16.4	17.0	16.9			
08S 26W 16CDD 01	QA	2447.	70	23	34.5	36.6	37.1	35.7	35.8	36.0	36.6	36.1			
08S 27W 11DCD 01	QA	2504.	60	13	8.5	10.1	10.6	10.3	10.3	10.4	10.4	10.4			
08S 27W 338BD 01	QA	2554.	50	15	17.9	17.0	18.4	19.3	20.9	19.9					
08S 28W 09ABC 01	TO	2766.	233	119	117.7		130.4	134.8	135.0	136.0	139.8	139.4			
08S 29W 01DCB 01	TO	2823.	240	125	122.6	137.9	138.3	142.1	145.8	145.8	143.5	144.3			
08S 29W 29BAA 01	TO	2844.	223	84	82.0	90.7	91.3	95.5	96.2	98.4	100.4	99.9			
09S 30W 11CBC 01	TO	2941.	277	123	133.5	156.4	158.0	173.1	175.0	177.0	180.3	182.1			
08S 30W 13DAA 01	TO	2891.	257	103	109.7	128.2	131.4	134.8	136.7	138.9	142.0	141.5			
08S 30W 30ABA 01	TO	2962.	234	107	105.8	113.8	117.8	122.5	124.5	127.8	128.8	129.1			
09S 27W 12CCC 01	TO	2678.	198	104	106.5	110.5		108.9	107.6	110.3	109.2	111.0			
09S 27W 19DDD 01	TO	2750.	205	124	123.6	127.2		128.1	128.6	128.5	128.8	128.8			
09S 28W 04BCC 01	TO,QA	2677.	98	18	25.7	25.6	27.4	26.6	27.0	27.0	27.3	27.2			
09S 28W 06CCB 01	QA,TO	2691.	87	4	6.9	7.6	7.0	5.5	7.7	8.3	8.6	9.0			
09S 29W 31AAC 01	TO	2828.	205	118	126.2			142.1	141.6			143.6			

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

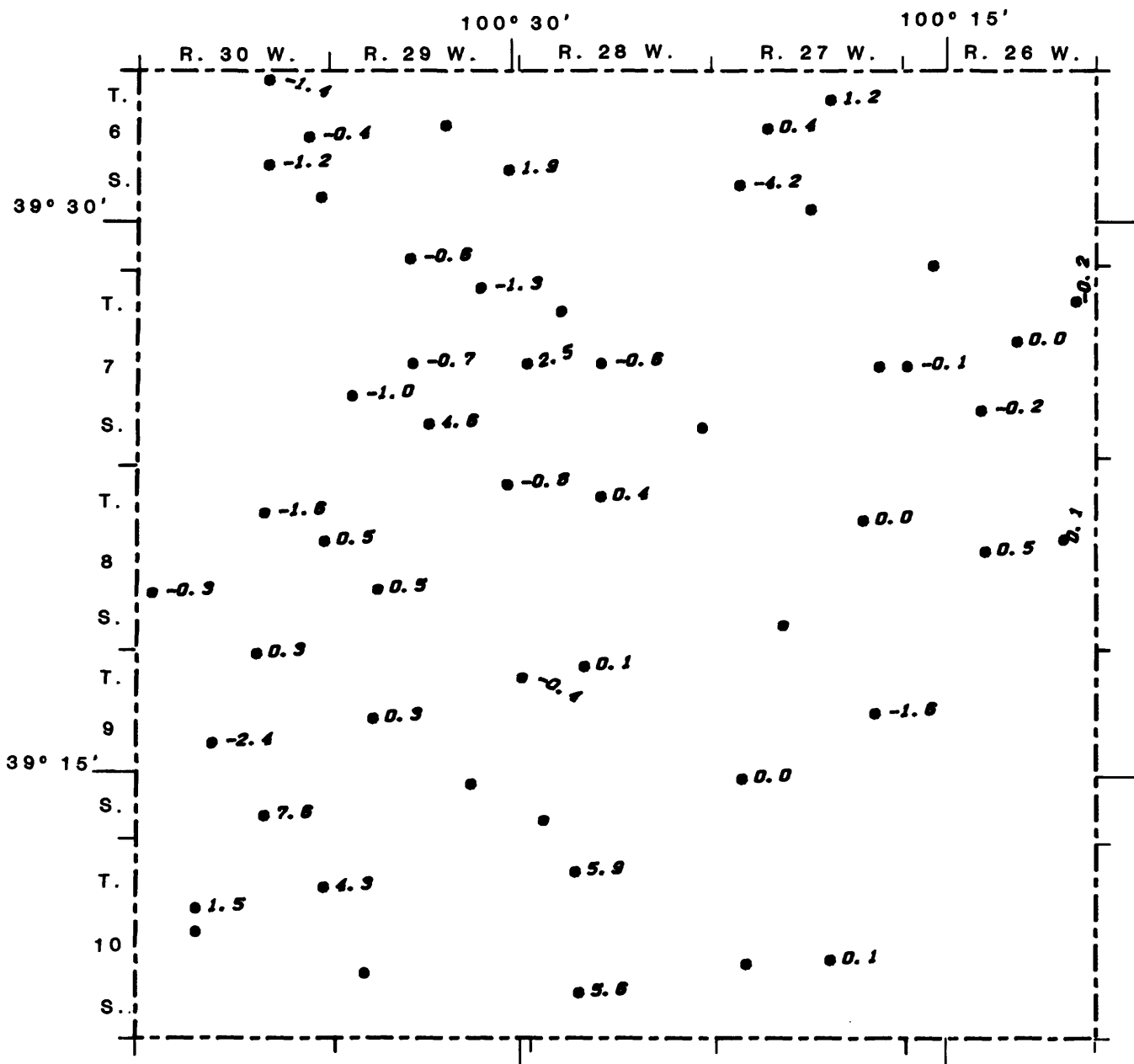
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)
				1950	1966	1977	1978	1979	1980	1981	1982	1983
09S 29W 178AB 01	TO	2854.	196	84	84.2	96.1	97.2	99.2	98.5	99.4	102.9	102.6
09S 29W 268AA 01	TO	2863.	210	123	132.0	136.0			136.9	136.4	134.6	
09S 30W 03AA8 02	TO	2933.	217	118	119.2	131.8	134.0	137.1	139.1	143.0	142.0	141.7
09S 30W 16CDA 01	TO	2882.	162	26	44.7	54.5	54.5	59.5	57.8	60.5	61.7	64.1
09S 30W 3588B 01	TO	2943.	215	120	129.3	139.5	141.9	145.2	142.2		154.0	146.4
10S 27W 20C8C 01	QA	2605.	50	12	13.9	20.0		19.7	20.1			18.4
10S 27W 22DBA 01	QA	2568.	65	10	18.5	19.5			19.5	19.8	19.2	19.1
10S 28W 05D09 01	TO	2789.	173	99	95.2	100.2	101.5	104.7	104.3		112.1	106.2
10S 28W 29DAA 01	QA, TO	2691.	62	22	25.4	26.1	26.5	26.8	27.1	28.9	31.6	25.8
10S 29W 20CCC 02	QA	2776.	76	8	6.9	11.0		14.0	12.7	13.7		
10S 30W 08DDD 01	TO	2930.	186	96	93.0	99.3	99.5	100.1	101.4	104.9	104.2	102.7
10S 30W 12ADA 01	TO	2874.	187	89	87.7	97.6	99.3	100.2	100.6		100.6	96.3
10S 30W 17DAD 01	TO	2895.	165	64	62.8	65.8	66.6	66.7	66.0	68.8	68.7	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
06S 27W 03DCD 01	QA	34.6	-6	-2.8	1.2	-0.2	-0.2	39	33	-15
06S 27W 08OCA 01	QA,TO	19.8	1	-5.2	.4	-0.3	-0.3	87	88	1
06S 27W 19DAB 01	QA,TO	36.6	-7	-10.0	-4.2	-0.2	-0.6	30	23	-23
06S 27W 27BCC 01	TO									
06S 29W 10DBC 01	TO	131.4	-15	-12.7		-0.5	-0.7	99	74	-17
06S 29W 24ABB 01	TO	103.6	-13	-7.4	1.9	-0.4	-0.4	114	101	-11
06S 29W 33CDA 01	TO	106.4	-12	-13.1	-0.8	-0.4	-0.8	113	101	-11
06S 30W 02BCA 01	QA,TO	23.4	-13	-11.8	-1.4	-0.4	-0.7	82	69	-16
06S 30W 13BAA 01	TO	127.8	-13		-0.4	-0.4		101	88	-13
06S 30W 14CCD 01	TO	110.1	-15	-7.2	-1.2	-0.5	-0.4	108	93	-14
06S 30W 240DC 02										
07S 26W 06AAB 01	TO									
07S 26W 12BAC 01	TO	100.1	-6	-8.1	-0.2	-0.2	-0.5	76	70	-8
07S 26W 15BDD 01	TO	142.6	-5		0.0	-0.2		109	104	-5
07S 26W 19B8C 01	TO	124.6	-10	-0.1	-0.1	-0.3	-0.3	86	76	-12
07S 26W 28CAB 01	TO	154.4	-12	-5.9	-0.2	-0.4	-0.3	101	89	-12
07S 27W 24B8D 01	TO	129.2	-15	-10.7		-0.5	-0.6	106	91	-14
07S 28W 08BDC 01	TO	163.7	-24			-0.7		142	118	-17
07S 28W 19B8A 01	TO	147.1	-35	-29.0	2.5	-1.1	-1.7	128	93	-27
07S 28W 21A8B 01	TO	160.2	-31	-29.2	-0.8	-0.9	-1.7	106	75	-29
07S 28W 36A8A 01	TO	149.0	-26	-21.5		-0.8	-1.3	110	84	-24
07S 29W 020B0 01	TO	154.4	-27	-18.2	-1.3	-0.8	-1.1	132	105	-20
07S 29W 21A8B 01	TO	151.8	-31	-30.6	-0.7	-0.9	-1.0	119	88	-26
07S 29W 27CCC 01	TO	175.1	-44		4.6	-1.3		134	90	-33
07S 29W 30A8A 01	TO	154.1	-41	-32.3	-1.0	-1.2	-1.9	142	101	-29
08S 26W 14DAA 01	QA	16.9	-4	2.6	.1	-0.1	.2	53	49	-8
08S 26W 16CDD 01	QA	36.1	-13	-1.6	.5	-0.4	-0.1	47	34	-28
08S 27W 11DCD 01	QA	10.4	3	-1.8	0.0	.1	-0.1	47	50	6
08S 27W 33B8D 01	QA									
08S 28W 09ABC 01	TO	139.4	-20	-21.7	.4	-0.6	-1.3	114	94	-18
08S 29W 01DCB 01	TO	144.3	-19	-21.7	-0.8	-0.6	-1.3	115	96	-17
08S 29W 29BAA 01	TO	99.9	-16	-17.8	.5	-0.5	-1.0	139	123	-12
08S 30W 11C8C 01	TO	182.1	-59	-48.6	-1.8	-1.8	-2.9	154	95	-38
08S 30W 13DAA 01	TO	141.5	-39	-31.7	.5	-1.2	-1.9	154	116	-25
08S 30W 30ABC 01	TO	129.1	-22	-23.2	-0.3	-0.7	-1.4	127	105	-17
09S 27W 12CCC 01	TO	111.0	-7	-4.5	-1.8	-0.2	-0.3	94	87	-7
09S 27W 19DD0 01	TO	128.8	-5	-5.2	0.0	-0.2	-0.3	81	76	-6
09S 28W 04BCC 01	TO,QA	27.2	-9	-1.5	.1	-0.3	-0.1	80	71	-11
09S 28W 06CCB 01	QA,TO		-5	-2.1	-0.4	-0.2	-0.1	83	78	-6
09S 28W 31AAC 01	TO	143.6	-26	-17.4		-0.8	-1.0	87	61	-30

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
09S 29W 178AB 01	TO	102.6	-19	-18.4	.3	-0.6	-1.1	112	93	-17
09S 29W 269AA 01	TO									
09S 30W 03AAB 02	TO	141.7	-24	-22.4	.3	-0.7	-1.3	99	75	-24
09S 30W 16CDA 01	TO	64.1	-38	-19.4	-2.4	-1.2	-1.1	136	98	-28
09S 30W 359BB 01	TO	146.4	-26	-17.1	7.6	-0.8	-1.0	95	69	-27
10S 27W 20CBC 01	QA	18.4	-6	-4.5		-0.2	-0.3	38	32	-16
10S 27W 2208A 01	QA	19.1	-9	-0.5	.1	-0.3	-0.6	55	46	-16
10S 28W 0500B 01	TO	106.2	-7	-11.0	5.9	-0.2		74	67	-9
10S 28W 290AA 01	QA, TO	25.8	-4	-0.4	5.8	-0.1		40	36	-10
10S 29W 20CCC 02	QA									
10S 30W 08DDD 01	TO	102.7	-7	-9.7	1.5	-0.2	-0.6	90	83	-8
10S 30W 12ADA 01	TO	96.3	-7	-8.6	4.3	-0.2	-0.5	98	91	-7
10S 30W 170AD 01	TO									



WATER-LEVEL CHANGE IN SHERIDAN COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	1950	1966	1977	1978	1979	1980	1981	1982	1983
				DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)
06S 37M 038CC 01	TO	3424.	278	151	156.7	161.4	161.5	163.4	163.8	162.5	163.8	162.9	
06S 37M 078BA 01	QA	3304.	134	5	6.1	8.7	8.4	9.8	9.5	9.6	9.5	9.2	
06S 37M 16CDD 01	TO	3460.	264	157	163.8	170.3	170.6	171.9	172.9	171.7	172.9	172.5	
06S 37M 19A9B 01	TO	3476.	309	150	155.4	160.0	159.5	156.0	162.9	162.9	162.9	161.2	159.3
06S 38M 09ABD 01	TO	3510.	318	147	151.3	156.3	164.1	156.0	164.3	169.2	164.3	163.6	
06S 38M 20ACC 01	TO,QA	3407.	171	11	11.2	13.5	14.9	16.2	14.8	15.3	14.8	12.2	
06S 39M 09DDD 01	TO	3585.	330	145	142.7	145.3	151.2	146.4	147.5	147.0	147.5	147.9	148.3
06S 40M 10AAC 01	TO	3641.	341	151	151.2	156.4	154.8	160.1	160.4	160.4	160.4	161.3	161.4
06S 40M 30DCC 01	TO	3718.	326	159	153.6	160.4	161.7	162.6	164.8	163.4	164.8	167.6	164.6
06S 40M 358CC 01	TO	3668.	338	145	142.5	151.4	152.6	158.3	154.6	158.8	154.6	158.2	
06S 41M 01A8B 01	TO	3675.	296	150	156.6	161.8	162.5	156.7	164.0	164.0	157.9	158.9	159.2
06S 41M 098CB 01	TO	3759.	329	179	177.5	186.1	186.6	186.6	190.0	190.0	191.2	191.0	191.0
06S 41M 1908D 01	TO	3792.	325	162	169.5	178.1	185.3	186.5	188.0	188.0	181.1	181.1	181.7
06S 41M 2703D 01	TO	3741.	325	141	142.1	156.3	157.5	160.9	162.1	160.2	162.1	163.7	162.5
06S 42M 02AAA 01	TO	3777.	277	179	181.7	192.9	193.8	193.9	197.6	193.8	197.6	196.7	195.4
06S 42M 08C8B 01	TO	3841.	304	183	201.3	209.4	209.0	209.0	208.9	210.5	208.9	215.2	209.8
06S 42M 220CC 01	TO	3837.	315	177	183.1	191.7	197.3	192.4	192.8	192.8	192.8	193.9	193.9
06S 42M 30ADA 01	TO	3871.	309	176	183.6	195.0	198.5	199.9	200.4	199.7	201.9	201.5	201.5
07S 37M 0488C 01	TO	3455.	270	122	129.9	136.5	136.8	137.4	137.8	137.7	137.8	137.8	137.1
07S 37M 05CCB 01	TO	3472.	294	124	129.9	134.3	136.1	136.5	138.2	137.1	138.2	138.0	137.3
07S 37M 11ACB 01	TO	3445.	307	145	149.4	160.9	162.0	162.6	166.1	164.3	166.1	167.4	166.6
07S 37M 178DA 01	TO	3472.	289	122	129.8	132.9	134.0	135.3	136.5	135.4	136.5	139.2	135.2
07S 39M 0988B 01	TO	3589.	295	106	104.8	112.9	113.1	112.2	115.0	114.7	115.0	116.3	114.6
07S 39M 248AA 01	TO	3587.	300	137	133.9	145.4	150.3	147.4	146.4	147.2	146.4	153.1	146.9
07S 39M 30CCB 01	TO	3643.	353	113	117.6	135.4	136.1	141.4	140.5	140.5	140.0	143.0	139.0
07S 40M 06A0B 01	TO	3722.	343	152	149.4	160.9	162.0	162.6	166.1	164.3	166.1	167.4	166.6
07S 40M 2988A 01	TO	3708.	288	121	121.5	135.0	135.6	136.7	138.3	138.3	139.2	139.2	135.2
07S 40M 3588B 01	TO	3650.	255	102	103.0	125.3	123.5	125.7	125.7	125.5	125.7	128.4	126.3
07S 40M 368AB 01	TO	3643.	321	105	109.9	129.9	131.2	133.6	132.1	132.1	132.5	135.1	132.6
07S 41M 078CB 01	TO	3840.	300	180	174.4	193.7	193.7	193.7	194.7	193.8	194.7	195.3	195.3
07S 41M 16ADC 01	TO	3775.	317	130	134.9	148.3	147.9	151.3	156.9	152.4	156.9	164.3	164.0
07S 41M 2808B 01	TO	3774.	280	111	111.4	122.2	124.4	125.6	126.3	125.1	126.3	126.9	126.4
07S 42M 07DAA 01	TO	3903.	320	163	164.4	189.0	190.5	197.5	199.6	197.3	199.6	197.0	192.8
07S 42M 17CCC 01	TO	3864.	263	119	117.9	131.7	133.3	135.4	137.1	136.5	137.1	136.1	139.3
07S 42M 27AAB 01	TO	3862.	321	142	140.6	157.7	160.7	162.1	163.5	163.5	162.7	164.1	164.5
08S 37M 03A0B 01	TO	3476.	273	126	143.5	150.5	151.4	154.0	157.6	154.0	157.6	154.5	153.7
08S 37M 06A0B 01	TO	3506.	264	124	133.3	137.5	138.0	140.3	140.7	138.9	140.7	141.2	140.5
08S 37M 21CCC 01	TO	3496.	230	120	121.1	138.9	139.7	140.3	140.2	140.2	140.7	140.9	139.1
08S 37M 28A8C 01	TO	3482.	238	110	112.1	139.5	130.7	132.6	132.6	132.3	130.4	133.6	130.6
08S 37M 32A8B 01	TO	3468.	216	83	80.0	93.9	94.5	95.8	97.1	96.5	97.1	97.0	95.9

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983	
08S 38W 17C0D 01	T0	3603.	293	143	142.0	154.5	155.9	158.3	155.6	162.2	161.8	161.0	
08S 38W 24AAB 01	T0	3513.	260	110	111.0	115.8	121.7	122.5	117.5	123.2	120.2		
08S 38W 28ACC 01	T0	3587.	231	134	132.0	143.0	144.2	144.5	145.1	145.3	146.0	145.9	
08S 39W 02BAA 01	T0	3611.	295	138	135.0	156.6	162.2	158.7	157.9		161.5	158.7	
08S 39W 15CCC 01	T0	3642.	272	127	135.0	156.9	165.0	165.6	161.1		163.8	163.6	
08S 39W 170CD 01	T0	3672.	300	152	161.0	182.4	178.8	181.1	182.1	183.4	186.1	182.6	
08S 39W 27AAB 01	T0	3647.	295	142	145.0	170.8	174.7	179.0	177.7	179.3	180.2	177.1	
08S 39W 28CAB 01	T0	3660.	288	130	144.0	162.2	163.5	164.9	166.2	169.6	169.1	166.6	
08S 40W 120BA 01	T0	3670.	290	120	133.0	161.5	162.6	166.3	166.0	169.2	168.1	166.0	
08S 40W 17C0B 01	T0	3727.	277	102	108.0	124.3	130.5	131.2	131.3	131.7	132.5	132.5	
08S 40W 20CBC 03	T0	3719.	266	86	89.0	116.9	118.0	119.0	119.8	120.1	121.7		
08S 40W 20CCC 01	T0	3716.	277	80	80.0	110.9	112.8	114.1	113.2	114.6	115.4	113.7	
08S 40W 200AA 01	T0	3668.	216	45	56.0	68.4	65.5	71.9	66.2	72.8	70.5	69.0	
08S 40W 24AAA 01	T0	3692.	290	134	149.0	179.2	181.2	183.5	184.1	185.4	184.3	177.3	
08S 40W 25AAC 01	T0	3701.	290	133	158.0	180.4	181.8	183.7	182.3	182.5	183.4	182.6	
08S 40W 35CCB 01	T0	3732.	272	132	130.0	157.3	158.6	161.0	162.4	162.4	164.6	163.2	
08S 41W 17CBA 01	T0	3843.	300	129	129.0	148.6	140.2	141.5	140.8	143.1	145.1	145.7	
08S 41W 25BBC 01	T0	3754.	264	94	96.0	109.8	111.2	112.6	114.0	115.1	116.7	117.2	
08S 42W 04BBC 01	T0	3912.	320	149	152.0	182.0	182.0	182.0	184.0	181.3	183.5	182.9	
08S 42W 150DB 01	T0	3859.	274	98	99.0	124.7	121.6	122.5	120.5	122.1	125.0	125.8	
08S 42W 19ABB 01	T0	3929.	310	124	130.0	165.1	168.4	167.9	168.6	171.2	169.8	165.9	
08S 42W 29ACB 01	T0	3904.	229	101	100.0	121.6	121.8	122.3	123.4	124.3	124.3	123.9	
08S 42W 310CD 01	T0	3872.	207	50	58.0	74.8	73.9	74.9	76.1	76.7	77.7	79.0	
08S 42W 340CB 01	T0	3914.	265	124	125.0	147.7	143.6	148.2	149.3	148.7	152.8	150.2	
09S 39W 02BAB 01	T0	3646.	246	133				170.6	168.3	168.2	170.6	170.0	
09S 39W 17BBA 01	T0	3697.	236	126			153.8	153.3	152.3	152.5	155.3	154.9	
09S 39W 19CCC 01	T0	3695.	245	105		132.6	132.0	137.4	146.3	144.9	144.9	131.4	
09S 40W 08CCB 01	T0	3773.	251	123		148.2	150.7	150.1	154.8	155.7	157.4	158.6	
09S 40W 08CDB 01	T0	3766.	251	116	116.0	144.6	149.3	153.7	162.2	167.0	154.2	153.3	
09S 40W 13C0C 01	T0	3722.	260	123	125.0	158.5	158.9	158.9	158.6	161.0	157.5	157.7	
09S 40W 27CCD 01	T0	3754.	314	125	128.0	154.2	155.0	157.4	158.6		160.3	160.1	
09S 40W 29BBB 01	T0	3782.	246	122	119.0	144.3	152.7	156.9	157.2	156.4	158.5	156.6	
09S 41W 050CC 01	T0	3660.	265	128	136.0	164.1	164.1	167.1	169.1	166.1	166.8	166.7	
09S 41W 14BBC 01	T0	3835.	229	129		167.6	168.5	171.4	171.4	172.0	173.7	174.2	
09S 41W 28AAA 01	T0	3854.	290	124	134.0	154.5	167.9	174.1	182.0	182.7	175.7		
09S 41W 34BAB 01	T0	3841.	290	111	114.0	144.5	144.5	148.0	149.2	152.5	155.3	147.4	
09S 42W 08AAA 01	T0	3943.	271	120	131.0	152.7	154.1	155.5	155.2	155.4	155.9	156.5	
09S 42W 11CCC 01	T0	3923.	274	125	135.0	160.3	165.3	166.4	165.1	166.5	168.8	166.7	
09S 42W 14AAA 01	T0	3901.	291	116	131.0	162.0	164.7	168.4	166.1	166.5	168.5	167.5	
09S 42W 16C0D 02	T0	3943.	291	114	117.0	141.0	141.0	142.5	149.3	144.2	146.0	145.1	

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 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
09S 42W 35ABB 01	T0	3916.	268	102	103.0	137.1	138.6	140.0	141.0	139.5	142.5	142.5
10S 37W 23ABB 01	T0	3421.	289	171	174.0	190.9	190.9	193.4	194.2	192.8	191.8	196.4
10S 40W 10ADC 01	QA,T0	3624.	68	12	16.0	16.9	16.7	17.8	16.3	16.6	17.1	16.5
10S 41W 15CAD 01	T0,QA	3762.	117	12	12.0	19.9	19.9	20.2	20.1	20.9	21.1	22.1
10S 42W 21B8B 01	T0	3963.	223	73	86.0	99.6	101.5	103.8	105.2	106.3	107.6	108.3
10S 42W 24RAB 01	T0	3903.	204	73	84.0	94.8	95.9	96.5	97.9	98.4	99.7	98.2

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

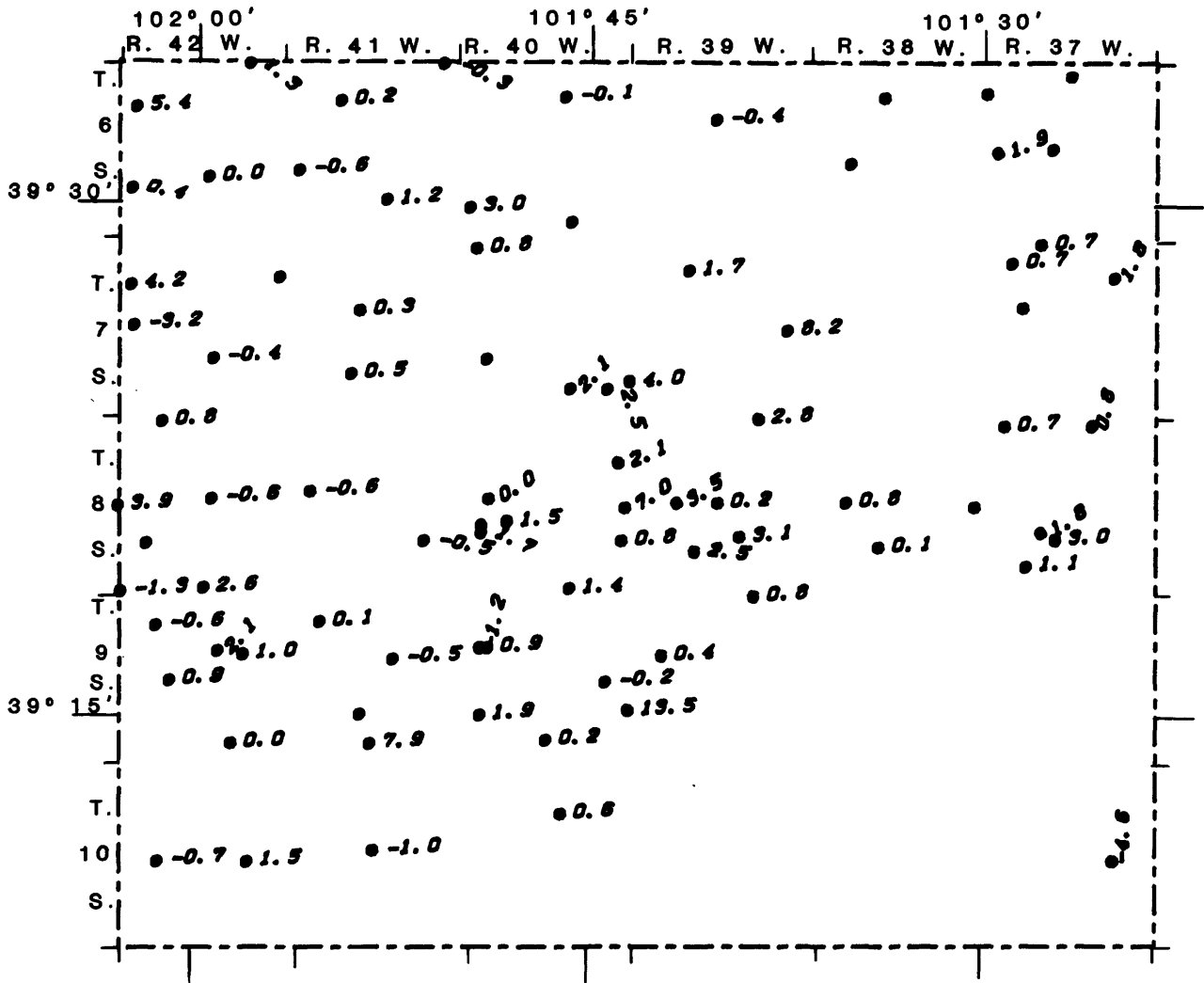
WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
06S 37W 03BCC 01	T0									
06S 37W 07B9A 01	QA									
06S 37W 16C0C 01	T0									
06S 37W 19ABB 01	T0									
06S 38W 09AB0 01	T0	159.3	-9	-3.9	1.9	-.3	-.2	159	150	-6
06S 38W 20ACC 01	T0,QA									
06S 39W 09DD0 01	T0									
06S 40W 10AAC 01	T0	148.3	-3	-5.6	-.4	-.1	-.3	185	182	-2
06S 40W 300CC 01	T0	161.4	-10	-10.2	-.1	-.3	-.6	190	180	-5
06S 40W 35BCC 01	T0	164.6	-6	-11.0	3.0	-.2	-.6	167	161	-4
06S 41W 01ARB 01	T0									
06S 41W 09CB 01	T0	159.2	-9	-2.6	-.3	-.3	-.2	146	137	-6
06S 41W 19DB0 01	T0	191.0	-12	-13.5	.2	-.4	-.8	150	138	-8
06S 41W 27DB0 01	T0	181.7	-20	-12.1	-.6	-.6	-.7	163	143	-12
06S 41W 27DB0 01	T0	162.5	-22	-20.4	1.2	-.7	-1.2	184	163	-11
06S 42W 02AAA 01	T0	195.4	-16	-13.7	1.3	-.5	-.8	98	82	-16
06S 42W 08C8B 01	T0									
06S 42W 220CC 01	T0	209.8	-27	-8.5	5.4	-.8	-.5	121	94	-22
06S 42W 30ADA 01	T0	193.9	-17	-10.7	0.0	-.5	-.6	138	121	-12
07S 37W 04B8C 01	T0	201.5	-26	-17.9	.4	-.8	-1.1	133	108	-19
07S 37W 05CCB 01	T0	137.1	-15	-.7	.7	-.5	.7	148	133	-10
07S 37W 11ACB 01	T0	137.3	-13	-7.4	.7	-.4	-.4	170	157	-8
07S 37W 17BDA 01	T0	153.9	-9	-.4	1.8	-.3	-.3	162	153	-6
07S 39W 09B9B 01	T0	135.2	-13	-5.4	-.4	-.4	-.3	167	154	-8
07S 39W 24BAA 01	T0	114.6	-9	-9.8	1.7	-.3	-.6	189	180	-5
07S 39W 30CCB 01	T0	146.9	-10	-13.0	6.2	-.3	-.8	163	153	-6
07S 40W 06ADB 01	T0	139.0	-26	-21.4	4.0	-.8	-1.3	240	214	-11
07S 40W 06ADB 01	T0	166.6	-15	-17.2	.8	-.5	-1.0	191	176	-8
07S 40W 29B9A 01	T0									
07S 40W 35B8B 01	T0	126.3	-24	-23.3	2.1	-.7	-1.4	153	129	-16
07S 40W 36B8B 01	T0	132.6	-28	-22.7	2.5	-.8	-1.3	216	188	-13
07S 41W 07BCC 01	T0									
07S 41W 16ADC 01	T0	164.0	-34	-29.1	.3	-1.0	-1.7	197	153	-18
07S 41W 28DBE 01	T0	126.4	-15	-14.9	.5	-.5	-.9	169	154	-9
07S 42W 07DAA 01	T0	192.8	-30	-28.4	4.2	-.9	-1.7	157	127	-19
07S 42W 17CCA 01	T0	139.3	-20	-21.3	-3.2	-.6	-1.3	144	124	-14
07S 42W 27AAB 01	T0	164.5	-23	-23.9	-.4	-.7	-1.4	179	157	-12
08S 37W 03ADB 01	T0	153.7	-28	-10.1	.8	-.8	-.6	167	119	-19
08S 37W 06ADB 01	T0	140.5	-17	-7.2	.7	-.5	-.4	140	124	-11
08S 37W 21CCC 01	T0	139.1	-19	-17.9	1.8	-.6	-1.1	110	91	-17
08S 37W 28ABC 01	T0	130.6	-21	-18.5	3.0	-.6	-1.1	128	107	-16
08S 37W 32ABB 01	T0	95.9	-13	-15.9	1.1	-.4	-.9	133	120	-10

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
08S 38W 17CDD 01	TO	161.0	-18	-19.0	.8	-.5	-1.1	150	132	-12
08S 38W 24AAB 01	TO									
08S 38W 28ACC 01	TO	145.9	-12	-13.9	.1	-.4	-.8	97	85	-12
08S 39W 028AA 01	TO	158.7	-21	-23.7	2.8	-.6	-1.4	157	136	-13
08S 39W 15CCC 01	TO	163.6	-37	-28.6	.2	-1.1	-1.7	145	108	-26
09S 39W 17DCD 01	TO	182.6	-31	-21.6	3.5	-.9	-1.3	148	117	-21
08S 39W 27AAB 01	TO	177.1	-35	-32.1	3.1	-1.1	-1.9	153	118	-23
08S 39W 28CAB 01	TO	166.6	-37	-22.6	2.5	-1.1	-1.3	158	121	-23
08S 40W 12DBA 01	TO	166.0	-46	-33.0	2.1	-1.4	-1.9	170	124	-27
08S 40W 17CDB 01	TO	132.5	-31	-24.5	0.0	-.9	-1.4	175	145	-17
08S 40W 20C9C 03	TO									
08S 40W 20CCC 01	TO	113.7	-34	-33.7	1.7	-1.0	-2.0	197	163	-17
08S 40W 20DAA 01	TO	69.0	-24	-13.0	1.5	-.7	-.8	171	147	-14
08S 40W 24AAA 01	TO	177.3	-43	-28.3	7.0	-1.3	-1.7	156	113	-28
08S 40W 25AAC 01	TO	182.6	-50	-24.6	.8	-1.5	-1.4	157	107	-32
09S 40W 35CCB 01	TO	163.2	-31	-33.2	1.4	-.9	-2.0	140	109	-22
08S 41W 17C8A 01	TO	145.7	-17	-16.7	-.6	-.5	-1.0	171	154	-10
08S 41W 25BBC 01	TO	117.2	-23	-21.2	-.5	-.7	-1.2	170	147	-14
08S 42W 04B8C 01	TO	182.9	-34	-30.9	.6	-1.0	-1.8	171	137	-20
08S 42W 15DDB 01	TO	125.8	-28	-26.8	-.8	-.8	-1.6	176	148	-16
08S 42W 19A83 01	TO	165.9	-42	-35.9	3.9	-1.3	-2.1	186	144	-23
08S 42W 29ACB 01	TO	123.9	-23	-23.9	-.7	-.7	-1.4	128	105	-18
08S 42W 31DCD 01	TO	79.0	-29	-21.0	-1.3	-.9	-1.2	157	128	-18
09S 42W 34DCB 01	TO	150.2	-26	-25.2	2.6	-.8	-1.5	141	115	-18
09S 39W 028AB 01	TO	170.0	-37	-.6	.6	-1.1	-.9	113	76	-33
09S 39W 178BA 01	TO	154.9	-29	-.4	.4	-.9	-.9	110	81	-26
09S 39W 19CCC 01	TO	131.4	-26	13.5	13.5	-.8	-.8	140	114	-19
09S 40W 08CCB 01	TO	158.6	-36	-1.2	-1.2	-1.1	-1.1	128	92	-28
09S 40W 08CDB 01	TO	153.3	-37	-37.3	.9	-1.1	-2.2	135	98	-27
09S 40W 13C0C 01	TO	157.7	-35	-32.7	-.2	-1.1	-1.9	137	102	-26
09S 40W 27CDD 01	TO	160.1	-35	-32.1	.2	-1.1	-1.9	189	154	-19
09S 40W 29BBB 01	TO	156.6	-35	-37.6	1.9	-1.1	-2.2	124	89	-28
09S 41W 05DCC 01	TO	166.7	-39	-30.7	.1	-1.2	-1.8	137	98	-28
09S 41W 14B8C 01	TO	174.2	-45	-.5	-.5	-1.4	-.9			
09S 41W 28AAA 01	TO									
09S 41W 34BAB 01	TO	147.4	-36	-33.4	7.9	-1.1	-2.0	179	143	-20
09S 42W 08AAA 01	TO	156.5	-37	-25.5	-.6	-1.1	-1.5	151	115	-24
09S 42W 11CCC 01	TO	166.7	-42	-31.7	2.1	-1.3	-1.9	149	107	-29
09S 42W 14AAA 01	TO	167.5	-52	-36.5	1.0	-1.6	-2.1	175	124	-29
09S 42W 16C00 02	TO	145.1	-31	-28.1	.9	-.9	-1.7	177	146	-18

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
09S 42M 35ABB 01	T0	142.5	-41	-39.5	0.0	-1.2	-2.3	166	126	-24
10S 37M 23ABB 01	T0	196.4	-25	-22.4	-4.6	-0.8	-1.3	118	93	-21
10S 40M 10ADC 01	QA,T0	16.5	-5	-5	.6	-2		56	52	-7
10S 41W 15CAD 01	T0,QA	22.1	-10	-10.1	-1.0	-3	-6	105	95	-10
10S 42M 21BBB 01	T0	108.3	-35	-22.3	-7	-1.1	-1.3	150	115	-23
10S 42M 24BAB 01	T0	98.2	-25	-14.2	1.5	-0.8	-0.8	131	106	-19



WATER-LEVEL CHANGE IN SHERMAN COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1944	DEPTH TO WATER (FEET) 1974	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
215 12W 10C00 01	QU	1845.		24	4.9		20.4	22.3	23.7	24.8	27.1	25.5
215 13W 018CB 01	QU	1857.		9	3.7		10.0	13.4	14.9	15.9	16.3	17.4
215 13W 13A08 01	QU	1866.		18	5.9			14.9	16.3	17.4	18.1	18.8
215 13W 27000 02	QU	1877.		11	.6	5.2	3.6	7.5	8.5	9.6	9.7	10.2
215 14W 22AAC 01	QU	1926.		16	4.8		13.3	15.8	17.6	19.0	18.8	20.1
215 14W 328AC 01	QU	1949.		22	16.2		19.9	22.5	24.3	25.8	26.4	27.6
225 11W 07888 01	QU	1785.	54	10	3.3		4.5	5.0	4.8	5.4	4.9	4.7
225 12W 05880 01	QU	1870.		21	8.9		15.5	17.1	18.6	21.3	20.3	20.4
225 12W 30880 01	QU	1872.		13	7.0		13.2	15.1	16.0	16.5	17.0	17.0
225 12W 36888 02	QU	1827.	146		.7		2.9	5.1	4.1	5.4	3.8	4.4
225 13W 05C8C 01	QU	1905.		6	3.1		10.8	13.2	15.0	16.2	15.7	17.0
225 13W 12CAC 01	QU	1885.		20	8.6		16.3	18.3	19.6	20.1	20.2	21.0
225 13W 290AD 01	QU	1902.		17	5.2	12.0	12.6	16.0	14.6	16.8	16.4	17.3
225 14W 07AAC 01	QU	1957.		22	9.1		18.2	21.1	25.5	24.4	25.1	29.4
225 14W 14CCA 01	QU	1930.		12	.8		12.5	15.6	17.5	19.2	19.3	20.9
225 14W 2988A 01	QU	1953.		15	5.1		14.3	17.3	19.3	21.2	22.1	23.7
225 14W 35008 01	QU	1930.		20	11.1		20.3	23.0	24.6	26.3	27.2	27.9
235 11W 02888 01	QU	1789.	125		1.0		1.4	3.1	1.1	3.7	1.5	1.9
235 11W 228CC 01	QU	1802.		5	17.4		21.4	23.0	22.2	23.1	21.8	22.2
235 12W 07080 01	QU	1859.		1	.5		6.6	8.2	8.4	9.2	8.4	8.5
235 12W 228CC 01	QU	1853.		4	5.4		11.6	22.5	14.7	14.9	13.8	15.0
235 12W 3688C 01	QU	1849.		8	11.7		14.5	17.1	17.2	17.9	17.0	17.9
235 13W 08CCB 01	QU	1895.		8	4.4	7.6		10.4	11.8	11.8	11.5	12.5
235 13W 16CCA C1	QU	1866.		14	8.9		11.8	13.2	12.9	13.8	13.4	14.1
235 13W 30C8B 01	QU	1906.		11	7.9		10.5	11.5	11.6	12.3	12.2	12.8
235 13W 35CCA 01	QU	1897.		19	7.3		14.7	16.6	17.5	18.7	18.6	19.9
235 14W 15A00 01	QU	1927.		7	3.3		6.3	7.7	7.8	9.0	8.8	10.2
235 14W 30888 01	QU	1988.		24	34.4	31.4	32.4	34.8	36.2	38.3	38.8	40.4
245 11W 14CAB 01	QU	1813.		24	30.0		31.4	31.9	31.0	30.8	31.7	32.9
245 11W 17008 01	QU	1833.		23	22.8		23.0	23.4	23.0	23.0	23.1	24.1
245 12W 17CAB 01	QU	1893.		22	16.8		22.3	25.5	26.6	27.5	26.8	28.5
245 12W 34ABC 01	QU	1880.		29	20.0		20.7	22.6	22.7	22.7	22.9	23.9
245 13W 0780C 01	QU	1925.		22	15.9		19.4	20.2	20.4	21.1	21.0	22.0
245 13W 16ACA 01	QU	1915.		18	8.6		15.4	17.5	18.6	20.1	20.5	21.6
245 13W 308C8 01	QU	1936.		7	7.6	12.0		12.8	14.1	14.1	15.5	15.7
245 13W 36000 01	QU	1907.		21	21.7		25.9	27.6	28.3	21.9	21.7	23.2
245 14W 17AAC 01	QU	1982.		27	7.8		17.4	19.7	19.6	20.2	29.4	30.6
245 14W 31880 01	QU	1998.		23	6.8		11.2	13.0	13.5	15.0	20.6	21.8
245 15W 08C0C 01	QU	2034.		12	14.6		20.8	22.4	23.4	24.6	26.1	27.8
245 15W 108AB 01	QU	2024.		24								

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

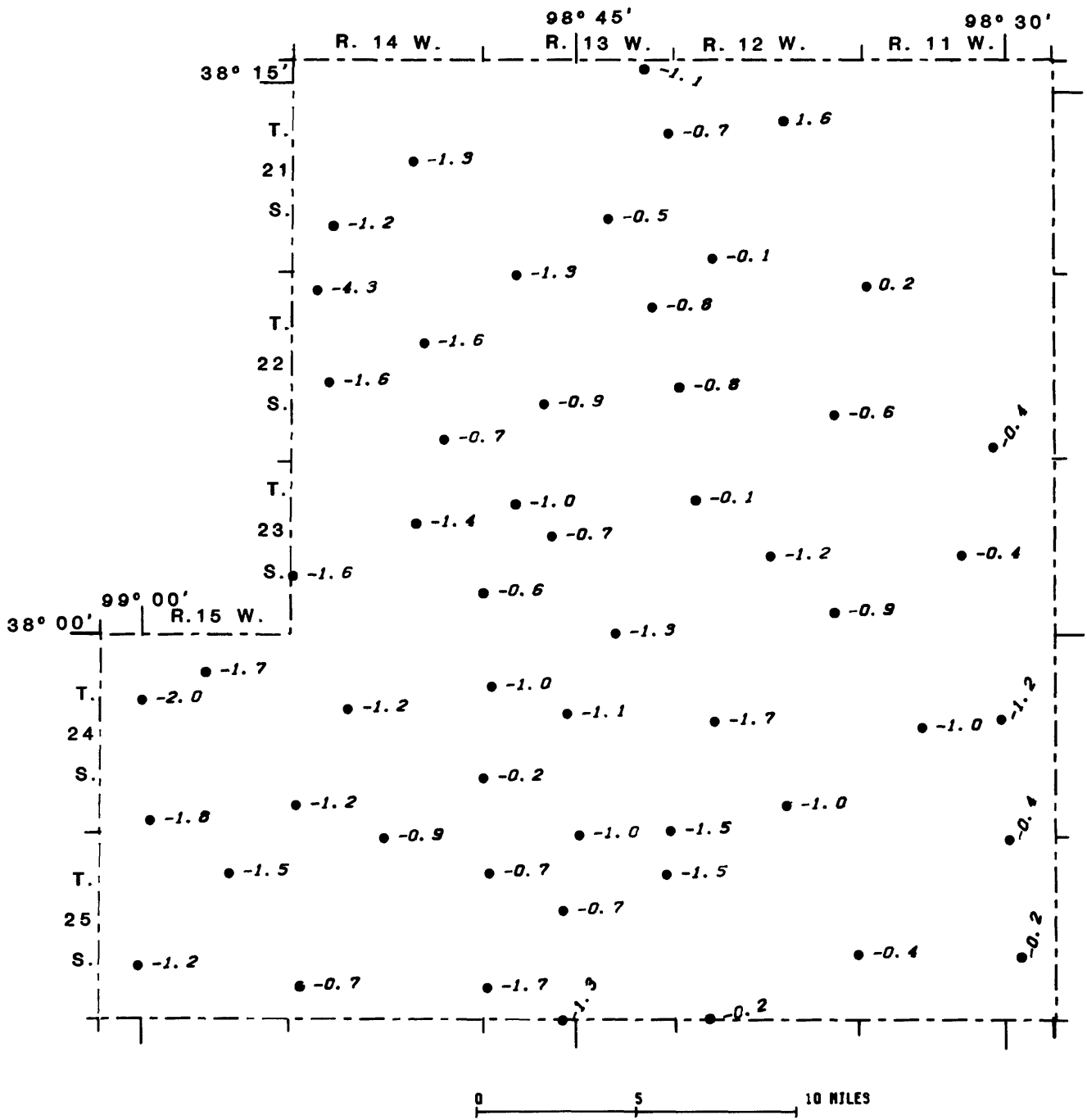
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1974	1976	1977	1978	1979	1980	1981	1982	1983			
24S 15W 320BC 01	QU	2044.	21	9.9	19.4	21.2	21.2	21.2	21.2	22.1	23.4	25.2			
25S 11W 02AC8 01	QU	1770.	10	10.3	10.9	11.8	11.8	10.6	11.4	11.4	11.4	11.8			
25S 11W 23000 01	QU	1796.	13	12.9	16.1	17.2	17.2	14.8	15.1	15.1	16.5	16.7			
25S 12W 240D8 01	QU	1840.	17	10.2	13.2	13.7	13.7	12.6	13.3	13.3	13.4	13.8			
25S 12W 32CCA 01	QU	1876.	9	1.2	3.8	4.9	4.9	3.5	4.6	4.6	4.9	5.1			
25S 13W 038R8 01	QU	1932.	18	8.3	16.0	18.3	18.3	19.4	20.5	20.5	20.9	21.9			
25S 13W 07808 01	QU	1920.	23	23.4	29.3	31.6	31.6	18.8	20.2	20.2	20.7	21.4			
25S 13W 12A08 01	QU	1940.	22	7.2	16.3	26.2	26.2	32.2	33.6	33.6	32.4	33.9			
25S 13W 16AAC 01	QU	1965.	21	7.2	16.3	18.7	18.7	17.8	28.2	28.2	28.1	28.8			
25S 13W 30CCA 01	QU	1930.	10	1.8	12.5	13.5	13.5	8.3	10.5	10.5	11.1	12.4			
25S 13W 330C8 01	QU	1969.	24	9.2	13.8	10.2	10.2	13.7	14.1	14.1	13.5	14.4			
25S 14W 04AAD 01	QU	2004.	14	7.2	14.1	14.0	14.0	13.7	14.9	14.9	15.3	16.0			
25S 14W 30C08 01	QU	2020.	16	11.7	9.6	10.6	10.6	9.7	13.2	13.2	14.5	16.0			
25S 15W 118C8 01	QU	2034.	16	4.3				9.7	10.7	10.7	10.7	11.9			
25S 15W 29880 01	QU														

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
21S 12W 10CDD 01	QU	25.5	-2	-20.6	1.6	-0.1	-2.3			
21S 13W 01BCB 01	QU	17.4	-8	-13.7	-1.1	-0.2	-1.5			
21S 13W 13AD8 01	QU	18.8	-1	-12.9	-0.7	-0.1	-1.4			
21S 13W 27DD0 02	QU	10.2	1	-9.6	-0.5	-0.1	-1.1			
21S 14W 22AAC 01	QU	20.1	-4	-15.3	-1.3	-0.1	-1.7			
21S 14W 32BAC 01	QU	27.6	-6	-11.4	-1.2	-0.2	-1.3			
22S 11W 0788B 01	QU	4.7	5	-1.4	.2	.1	-0.2	44	49	11
22S 12W 0588D 01	QU	20.4	1	-11.5	-1	-0.1	-1.3			
22S 12W 3088D 01	QU	17.0	-4	-10.0	-0.8	-0.1	-1.1			
22S 12W 3688B 02	QU	4.4		-3.7	-0.6		-0.4		142	
22S 13W 05C8C 01	QU	17.0	-11	-13.9	-1.3	-0.3	-1.5			
22S 13W 12CAC 01	QU	21.0	-1	-12.4	-0.8	-0.2	-1.4			
22S 13W 29DAD 01	QU	17.3		-12.1	-0.9	-0.2	-1.3			
22S 14W 07AAC 01	QU	29.4	-7	-20.3	-4.3	-0.2	-2.3			
22S 14W 14CCA 01	QU	20.9	-9	-20.1	-1.6	-0.2	-2.2			
22S 14W 2988A 01	QU	23.7	-9	-18.6	-1.6	-0.2	-2.1			
22S 14W 3500B 01	QU	27.9	-8	-16.8	-0.7	-0.2	-1.9			
23S 11W 0288B 01	QU	1.9		-0.9	-0.4		-0.1		123	
23S 11W 228CC 01	QU	22.2	-17	-4.8	-0.4	-0.4	-0.5			
23S 12W 0708D 01	QU	8.5	-8	-8.0	-0.1	-0.2	-0.9			
23S 12W 228CC 01	QU	15.0	-11	-9.6	-1.2	-0.3	-1.1			
23S 12W 368BC 01	QU	17.9	-10	-6.2	-0.9	-0.3	-0.7			
23S 13W 08CCB 01	QU	12.5	-5	-8.0	-1.0	-0.1	-0.9			
23S 13W 16CCA 01	QU	14.1		-5.2	-0.7		-0.6			
23S 13W 30C8B 01	QU	12.8	-2	-4.9	-0.6	-0.1	-0.5			
23S 13W 35CCA 01	QU	19.9	-1	-12.6	-1.3	-0.1	-1.4			
23S 14W 15ADD 01	QU	10.2	-3	-6.9	-1.4	-0.1	-0.8			
23S 14W 3088B 01	QU	40.4	-16	-6.0	-1.6	-0.4	-0.7			
24S 11W 14CAB 01	QU	32.9	-9	-2.9	-1.2	-0.2	-0.3			
24S 11W 17D0B 01	QU	24.1	-1	-1.3	-1.0	-0.1	-0.1			
24S 12W 17CAB 01	QU	28.5	-7	-11.7	-1.7	-0.2	-1.3			
24S 12W 34ABC 01	QU	23.9	5	-3.9	-1.0	.1	-0.4			
24S 13W 0780C 01	QU	22.0		-6.1	-1.0		-0.7			
24S 13W 16ACA 01	QU	21.6	-4	-13.0	-1.1	-0.1	-1.4			
24S 13W 308CB 01	QU	15.7	-9	-8.1	-0.2	-0.2	-0.9			
24S 13W 3600D 01	QU	23.2	-2		-1.5	-0.1	-1.0			
24S 14W 17AAC 01	QU	30.6	-4	-8.9	-1.2	-0.1	-1.6			
24S 14W 3188D 01	QU	21.8	1	-14.0	-1.2	-0.2	-1.3			
24S 15W 08C0C 01	QU	18.4	-6	-11.6	-2.0	-0.1	-1.3			
24S 15W 108AB 01	QU	27.8	-4	-13.2	-1.7	-0.1	-1.5			

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1944-83 (FEET)	WATER-LEVEL CHANGE 1974-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1944-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1974-83 (FEET/YEAR)	SATURATED THICKNESS IN 1944 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1944-83
24S 15W 3209C 01	QU	25.2	-4	-15.3	-1.8	-.1	-1.7			
25S 11W 02ACB 01	QU	11.8	-2	-1.5	-.4	-.1	-.2			
25S 11W 2300D 01	QU	16.7	-4	-3.8	-.2	-.1	-.4			
25S 12W 2400B 01	QU	13.8	3	-3.6	-.4	.1	-.4			
25S 12W 32CCA 01	QU	5.1	4	-3.9	-.2	.1	-.4			
25S 13W 0388B 01	QU	21.9	-4	-13.6	-1.0	-.1	-1.5			
25S 13W 0780B 01	QU	21.4			-.7					
25S 13W 12A0B 01	QU	33.9	-11	-10.5	-1.5	-.3	-1.2			
25S 13W 16AAC 01	QU	28.8	-7		-.7	-.2				
25S 13W 30CCA 01	QU	21.6	-1	-14.4	-1.7		-1.6			
25S 13W 33DCB 01	QU	12.4	-2	-10.6	-1.3	-.1	-1.2			
25S 14W 04AAD 01	QU	14.4	10	-5.2	-.9	-.3	-.6			
25S 14W 30CDB 01	QU	16.0	-2	-8.8	-.7	-.1	-1.0			
25S 15W 118CB 01	QU	16.0		-4.3	-1.5		-.5			
25S 15W 2988D 01	QU	11.9	4	-7.6	-1.2	.1	-.8			



WATER-LEVEL CHANGE IN STAFFORD COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983			
275 39W 02888 01	QU,TC	3217.	97	88.1	89.1	68.2	85.5	86.2	85.6	85.6	85.6	85.6	85.6	85.5	85.5
275 39W 23488 02	QU,TO	3144.	370	45	79.2	163.7	166.7	171.2	180.5	171.2	180.5	179.2	186.4	186.4	186.4
275 39W 2789A 01	QU,TO	3175.	395	68	102.2	159.9	166.1	170.4	191.3	170.4	191.3	189.9	189.9	189.9	189.9
275 39W 34000 01	QU,TO	3153.	404	54	114.2	218.5	226.0	223.0	224.6	224.6	216.6	217.2	226.8	226.8	226.8
275 40W 210AA 01	QU,TC	3235.	230	52	48.6	67.1	72.1	75.8	81.2	81.2	75.8	75.8	77.9	77.9	77.9
275 40W 2508C 01	QU,TO	3228.	328	73	85.8	117.0	121.4	132.8	140.1	140.1	132.8	163.3	174.1	174.1	174.1
275 41W 310CB 02	QU,TO	3402.	308	156	167.6	218.4	224.4	229.0	233.3	233.3	230.5	235.1	244.2	244.2	244.2
275 41W 350CC 01	QU,TO,KJ	3340.			135.0	163.3	158.9	158.6	160.5	160.5	163.6	166.4	165.3	165.3	165.3
275 42W 1108D 01	QU,TO	3409.	250	120	116.0	151.8	154.1		159.5	159.5	161.9	166.2			
275 42W 310CC 01	QU,TC,KJ	3537.			193.2	224.6	228.6				234.6	236.3	240.6	240.6	240.6
285 39W 05898 01	QU,TO	3187.	347	56	56.5	101.7	105.9						116.8	116.8	116.8
285 39W 05898 02	QU,TO	3187.	347	56	97.1	122.7		128.5	132.3	132.3	134.0	136.5	139.5	139.5	139.5
285 39W 1488C 01	QU,TO,KJ	3158.	437	91	122.6	163.1	174.8	186.5	209.9	209.9	203.7	204.9	207.5	207.5	207.5
265 39W 318CC 01	QU,TC	3232.	428	82	120.1	169.0	174.5	173.7	171.9	171.9	177.1	176.6	183.8	183.8	183.8
285 39W 334CC 01	QU,TC	3201.													
285 39W 36488 01	QU,TO	3145.	412	57	100.3	156.3	163.6	167.3	173.6	173.6	183.1	189.4	195.2	195.2	195.2
285 40W 040CC 01	QU,TO	3289.	354	110	115.6	163.1	174.6	178.9	181.2	181.2	185.4	191.8	197.5	197.5	197.5
285 40W 1200D 02	QU,TO	3225.	385	83	107.4	174.1	180.4	183.8			191.6	202.3	202.8	202.8	202.8
285 40W 234CC 01	QU,TC	3254.	404	103	120.2	165.8	170.1		177.8	177.8	171.1	170.9	173.1	173.1	173.1
285 40W 320CB 01	QU,TO	3320.	446	158	172.5	228.5	234.6	243.6	241.3	241.3	244.2	249.6	252.8	252.8	252.8
285 41W 1288C 01	QU,TC	3313.	323	119	129.5	167.3	169.1	174.6			152.7	155.1			
285 41W 3180D 01	QU,TO	3414.	280	155	146.0	177.6	178.7		166.0	166.0	168.5	168.9	172.3	172.3	172.3
285 42W 080CC 01	QU,TC	3539.	300	199	233.9	258.1	264.8	254.0	254.8	254.8	255.5	256.8	260.7	260.7	260.7
285 42W 32888 01	KJ	3540.			215.9	228.6	226.9	224.2	225.9	225.9	225.6	226.2	232.0	232.0	232.0
295 39W 178CB 01	QU,TC	3239.	456	108	128.2	180.7	185.6	191.6	200.0	200.0	222.2				
295 39W 2108D 01	QU,TO	3183.	413	62	82.6	128.3	130.1	139.7	152.7	152.7	152.7	160.0	160.0	160.0	160.0
295 41W 240DA 01	QU,TO	3154.	449	62	80.0	123.0	127.5	130.6	133.5	133.5	144.1		147.1	147.1	147.1
295 41W 134CC 01	QU,TC	3344.	400	176	192.6	237.4	242.4	247.3	246.2	246.2	258.4	258.4	254.5	254.5	254.5
295 41W 310CB 01	KJ	3477.			236.5	259.9	263.2	224.2	236.6	236.6			237.2	237.2	237.2
295 42W 080DC 01	KJ	3517.			186.9	200.2	195.1	195.7				195.1	195.1	196.5	196.5
295 42W 110CD 01	KJ	3486.			212.2	225.9	233.6	224.7	223.9	223.9		224.9	218.3	218.3	218.3
295 42W 240CC 01	QU,TO,KJ	3484.			221.2	206.9	208.6	202.9	202.9	202.9	200.5	203.4	202.4	202.4	202.4
295 43W 330DB 01	KJ	3654.			119.8			115.8	115.3	115.3	117.4	115.6	117.8	117.8	117.8
305 39W 02488 01	QU,TC	3177.	417	72	89.2	129.8	140.6	149.6	149.6	149.6	159.7	164.7			
305 39W 18888 01	QU,TO,KJ	3238.			121.2	149.8	164.4	168.7	177.8	177.8		211.8			
305 39W 23888 01	QU,TO	3179.	404	72	89.5	129.9	134.7	139.2	148.0	148.0	151.9	155.6	170.1	170.1	170.1
305 39W 320A 01	QU,TO	3226.	247	104	116.8	155.8	160.5	161.0	168.9	168.9	175.7	181.8	184.4	184.4	184.4
305 39W 3680D 01	QU,TO	3181.	415	82	102.9	139.8	145.5	149.7	149.6	149.6	160.1	181.6	171.7	171.7	171.7
305 40W 240DC 01	QU,TC,KJ	3237.			115.3	145.2	148.7	151.1	163.9	163.9	174.0	198.2	178.6	178.6	178.6
305 40W 330CB 01	KJ	3309.			164.3	182.6	192.2	188.6	193.7	193.7	181.8		187.3	187.3	187.3

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

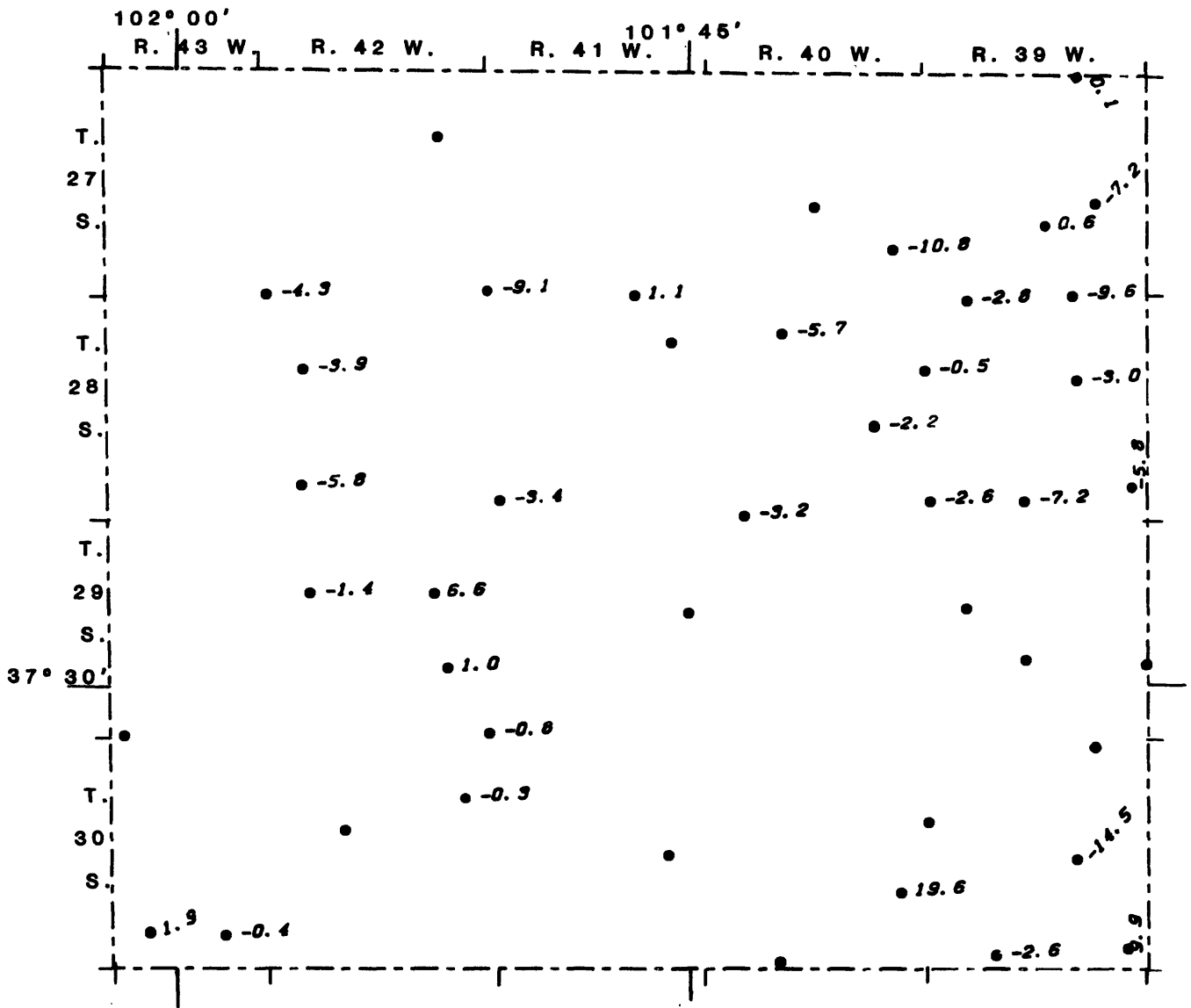
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	DEPTH TO WATER 1981 (FEET)	DEPTH TO WATER 1982 (FEET)	DEPTH TO WATER 1983 (FEET)
30S 41W 13CCC 01	QU,TO	3346.	216	158	170.3	195.4	198.3	189.6	206.8	197.2	191.6	192.2
30S 42W 12ACC 01	KJ	3457.			188.0	195.4	206.2	189.6	195.6	195.6	191.9	192.2
30S 42W 16BDB 01	KJ	3524.			187.8	185.5	192.9	191.0	180.3			193.6
30S 43W 34B88 01	QU,TO	3622.	103	42	66.3	83.3	82.4	82.2	78.9	85.8	83.5	81.6
30S 43W 36B88 01	QU,TO,KJ	3595.			71.6	76.0	77.1	77.2	77.9	74.0	74.9	75.3

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1982-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
27S 39W 0288E 01	QU, T0	85.5	3	2.7	.1	-.1	.2	.1	9	12	33
27S 39W 23ACC 02	QU, T0	186.4	-141	-107.2	-7.2	-3.3	-6.3	-3.3	325	184	-43
27S 39W 2788A 01	QU, T0	189.3	-121	-87.0	.6	-2.8	-5.1	-2.8	327	206	-37
27S 39W 3400A 01	QU, T0	226.8	-173	-112.6	-9.6	-4.0	-6.6	-4.0	350	177	-49
27S 40W 210AA 01	QU, T0	77.9	-26	-29.3		-.6	-1.7	-.6	178	152	-15
27S 40W 25CBC 01	QU, T0	174.1	-101	-88.3	-10.8	-2.3	-5.2	-2.3	255	154	-40
27S 41W 31CCB 02	QU, T0	244.2	-88	-76.6	-9.1	-2.0	-4.5	-2.0	152	64	-58
27S 41W 35CCC 01	QU, T0, KJ	165.3		-30.3	1.1		-1.8				
27S 42W 1108D 01	QU, T0										
27S 42W 31CCC 01	QU, T0, KJ	240.6		-47.4	-4.3		-2.8				
28S 39W 0588B 01	QU, T0	116.8	-61			-1.4		-1.4	291	230	-21
28S 39W 0588B 02	QU, T0	119.6	-64	-63.1	-2.8	-1.5	-3.7	-1.5	291	227	-22
28S 39W 1488C 01	QU, T0, KJ	139.5		-42.4	-3.0		-2.5				
28S 39W 318CC 01	QU, T0	207.5	-117	-84.9	-2.6	-2.7	-5.0	-2.7	346	230	-34
28S 39W 33ACC 01	QU, T0	183.8	-102	-63.7	-7.2	-2.4	-3.7	-2.4	346	244	-29
28S 39W 36A8B 01	QU, T0	195.2	-138	-94.9	-5.8	-3.2	-5.6	-3.2	355	217	-39
28S 40W 04CCC 01	QU, T0	197.5	-88	-81.9	-5.7	-2.0	-4.8	-2.0	244	157	-36
28S 40W 1200D 02	QU, T0	202.8	-120	-95.3	-.5	-2.8	-5.6	-2.8	302	182	-40
28S 40W 23ACC 01	QU, T0	173.1	-70	-52.9	-2.2	-1.6	-3.1	-1.6	301	231	-23
28S 40W 32CCB 01	QU, T0	252.8	-95	-80.3	-3.2	-2.2	-4.7	-2.2	288	193	-33
28S 41W 1288C 01	QU, T0										
28S 41W 3180D 01	QU, T0	172.3	-17	-26.3	-3.4	-.4	-1.5	-.4	125	108	-14
28S 42W 08CCC 01	QU, T0	260.7	-62	-26.8	-3.9	-1.4	-1.6	-1.4	101	39	-61
28S 42W 3288B 01	KJ	232.0		-16.1	-5.8		-.9				
29S 39W 178CB 01	QU, T0										
29S 39W 2108D 01	QU, T0	160.0	-98	-77.3		-2.3	-4.5	-2.3	351	253	-28
29S 39W 240DA 01	QU, T0	147.1	-85	-67.0		-2.0	-3.9	-2.0	387	302	-22
29S 41W 13ACC 01	QU, T0	254.5	-79	-61.8		-1.8	-3.6	-1.8	224	146	-35
29S 41W 31C8C 01	KJ	238.0		-1.5	-.8		-.1				
29S 42W 08C0C 01	KJ	196.5		-9.5	-1.4		-.6				
29S 42W 110C0 01	KJ	213.3		-6.0	6.6		-.4				
29S 42W 24CCC 01	QU, T0, KJ	202.4		18.9	1.0		1.1				
29S 43W 33C0B 01	KJ	117.8		2.0			.1				
30S 39W 02A8B 01	QU, T0	194.8	-123	-105.5		-2.9	-6.2	-2.9	345	222	-36
30S 39W 1888B 01	QU, T0, KJ										
30S 39W 2388B 01	QU, T0	170.1	-98	-80.6	-14.5	-2.3	-4.7	-2.3	332	234	-30
30S 39W 32DA 01	QU, T0	184.4	-80	-67.6	-2.6	-1.9	-4.0	-1.9	143	63	-56
30S 39W 3680D 01	QU, T0	171.7	-90	-68.8	9.9	-2.1	-4.0	-2.1	333	243	-27
30S 40W 24C0C 01	QU, T0, KJ	178.6		-63.3	19.6		-3.7				
30S 40W 33CCB 01	KJ	187.3		-22.9			-1.3				

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
30S 41W 13CC 01	QU,TO									
30S 42W 12AC 01	KJ	192.2		-4.1	-.3	-.2	-.2			
30S 42W 168DB 01	KJ	193.6		-5.8		-.3	-.3			
30S 43W 3488B 01	QU,TD	81.6	-40	-15.2	1.9	-.9	-.9	61	21	-66
30S 43W 368B 01	QU,TD,KJ	75.3		-3.7	-.4	-.2	-.2			



WATER-LEVEL CHANGE IN STANTON COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983			
31S 35W 07888 01	QU,TC	3017.	437	172	185.8	224.7	229.0	229.8	229.9	229.9	227.6	212.8			
31S 35W 158AA 01	QU,TO	3009.	449	224	236.4	262.4	262.4	266.3	271.9	276.2	275.6	278.5			
31S 35W 19CCC 01	QU,TO	3039.	490	174	187.3	211.1	213.8	213.5	217.3	221.4	221.4	222.7			
31S 35W 260CC 01	QU,TO	2988.	447	213	230.2	255.3	261.2	263.3	266.7	277.3	277.3	277.3			
31S 36W 02CDD 01	QU,TO	3019.	365	139	155.8	169.3	169.4	171.4	174.9	182.6	179.7	174.1			
31S 36W 189AA 01	QU,TO	3056.	376	96	102.2	130.1	133.5	138.1	145.5	152.4	146.3	151.7			
31S 36W 278CB 01	QU,TO	3071.	461	136	137.3	163.0	164.7	167.5	174.1	180.0	175.8	180.4			
31S 37W 09BCC 01	QU,TO	3103.	403	108	130.1	168.7	172.6	176.2	176.2	181.7	183.0	194.1			
31S 37W 228CC 01	QU,TO	3096.	440	106	128.3	163.2	172.6	182.5	182.7	170.2	185.7	185.7			
31S 35W 17CDA 01	QU,TO	3170.	380	110	131.0	174.9	170.8	182.5	182.7	170.2	171.1	171.1			
31S 39W 23888 01	QU,TO	3199.	259	98	116.9	150.5	154.8	158.5	157.3	164.2	154.1	158.0			
32S 35W 08DDD 01	QU,TO	3012.	502	130	143.5	144.1	146.6	148.2	148.2	155.0	223.3	222.8			
32S 35W 14ABA 01		2972.		180						231.8	158.3	160.4			
32S 35W 27DAB 01		2982.		150						157.5	166.1				
32S 36W 01D88 01		3047.		137											
32S 36W 06D88 01		3093.		128						200.1	195.6				
32S 36W 270DD 01		3041.		109						169.3	162.0	149.9			
32S 37W 04ACA 01	QU,TO	3141.	521	144	162.0	192.4	197.4	200.1	208.4	204.9	209.0	213.6			
32S 37W 10DCC 01	QU,TO	3120.	540	127	136.4	153.4	154.0	155.9	157.5	163.0	158.4	162.4			
32S 37W 26BAC 01		3118.		124								116.3			
32S 38W 06ACC 01	QU,TO	3150.	320	60	55.6	57.9	57.2	59.5	59.5	58.7	58.6	70.7			
32S 38W 11ADA 01	QU,TO	3159.	529	118	114.1	115.5	117.5	119.8	121.5	123.5	125.2	126.7			
32S 38W 238DD 01	QU,TC	3175.	505	116	106.2	119.3	119.6	122.1	126.1	126.1	126.0	127.8			
32S 39W 02888 01	QU,TO	3216.	296	96	132.9	172.6	176.3	176.4	173.7	207.8	208.6	208.6			
33S 35W 09CAA 01		2947.		67						107.3	108.6				
33S 35W 23C8B 01		2968.		104						122.3	120.6	124.6			
33S 36W 03ACA 01		3027.		90						123.2	121.7	121.7			
33S 36W 110DC 01	QU,TO	3020.	475	101	102.5	126.9	132.2	122.8	122.3	124.3	128.4	128.4			
33S 36W 23AAA 01		3031.		114						176.9					
33S 36W 260DD 01	QU,TO	3032.	422	121	118.7	139.1	147.6	136.5	137.1	141.8	148.4	148.4			
33S 37W 098CC 01	QU,TC	3113.	525	81	77.5	78.5	79.5	79.5	80.8	84.9	89.2	89.2			
33S 37W 17CCC 01	QU,TC	3121.	554	83	89.3	81.4	84.3	86.2	87.1	90.4	95.7	94.4			
33S 37W 23CDB 01	QU,TC	3092.	562	87	83.8	95.6	96.4	95.9	95.9	95.7	95.6	96.5			
33S 38W 06AAB 01	QU,TO	3203.	378	93	94.6	91.7	93.9	91.8	91.3	92.0	91.4	92.8			
33S 38W 10ACC 01	QU,TO	3166.	486	101	107.7	119.5	122.7	126.1	127.4	129.9	129.1	134.8			
33S 38W 20DDC 01	QU,TO	3191.	456	106	124.9	141.5	153.4	143.3	145.4	150.9	148.1	148.1			
34S 35W 030CC 01		2981.		108						130.5	130.5	136.7			
34S 35W 078CC 01	QU,TO	3025.	605	120	113.6	142.2	144.0	144.0	146.5	152.6	152.6	157.2			
34S 35W 26ACC 01		2977.		112						119.7	117.5	118.6			
34S 36W 10CAC 01		3065.		135						137.8	140.7	144.1			

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

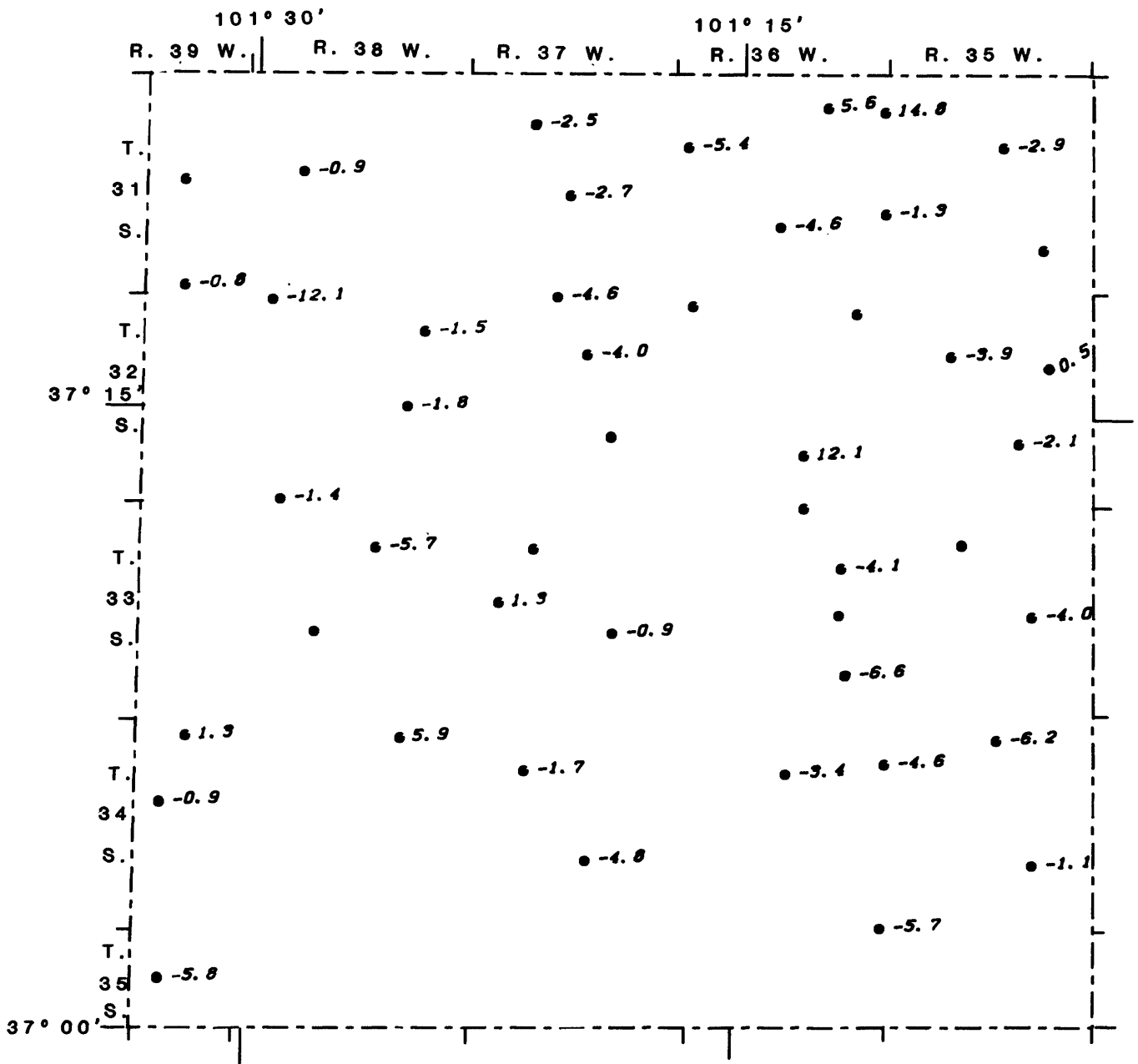
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1940	1966	1977	1978	1979	1980	1981	1982	1983	
34S 37W 08DAC 01	QU,TO	3162.	642	133	113.0	117.1	118.8	120.7	124.2	124.0	124.1	125.8	
34S 37W 27ABC 01	QU,TO	3132.	532	125	105.8	104.5	107.7	111.0	110.8	111.5	112.1	116.9	
34S 38W 02CAC 01	QU,TO	3197.	577	139	136.0	142.8			151.9	159.4	161.2	155.3	
34S 39W 02CCA 01	QU,TO	3248.	533	118	108.3	102.6	102.7	102.8	100.7	102.3	101.2	99.9	
34S 39W 15CAD 01	QU,TO	3280.	510	141	141.7	135.9	135.8	136.3	136.3	136.4	136.1	137.0	
35S 36W 01AAA 01	QU,TO	3022.	590	120	188.0	107.8	108.9	111.5	112.5	112.5	114.2	119.9	
35S 39W 10CAD 01	QU,TO	3302.	502	183	188.0	185.4	193.6	188.1	187.6	197.0	193.4	199.2	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
31S 35W 0788B 01	QU,TO	212.8	-41	-27.0	14.8	-1.0	-1.6	265	224	-15
31S 35W 158AA 01	QU,TO	278.5	-55	-42.1	-2.9	-1.3	-2.5	225	171	-24
31S 35W 19CC 01	QU,TO	222.7	-49	-35.4	-1.3	-1.1	-2.1	316	267	-16
31S 35W 260CC 01	QU,TO	277.3	-64	-47.1		-1.5	-2.8	234	170	-27
31S 36W 02CDD 01	QU,TO	174.1	-35	-18.2	5.6	-0.8	-1.1	226	191	-15
31S 36W 188AA 01	QU,TO	151.7	-56	-49.5	-5.4	-1.3	-2.9	280	224	-20
31S 36W 278CB 01	QU,TO	180.4	-44	-43.1	-4.6	-1.0	-2.5	325	281	-14
31S 37W 098CC 01	QU,TO	194.1	-86	-64.0	-2.5	-2.0	-3.8	295	209	-29
31S 37W 228CC 01	QU,TO	185.7	-80	-57.3	-2.7	-1.9	-3.4	334	254	-24
31S 38W 17CDA 01	QU,TO	171.1	-61	-40.1	-0.9	-1.4	-2.4	270	209	-23
31S 39W 2388B 01	QU,TO	158.0	-28		-3.9	-0.7		372	344	-8
32S 35W 080DD 01	QU,TO	222.8	-43		5	-1.0				
32S 35W 148A 01	QU,TO	160.4	-10		-2.1	-0.2				
32S 35W 270AB 01										
32S 36W 0108B 01										
32S 36W 0608B 01										
32S 36W 270DD 01										
32S 37W 04ACA 01	QU,TO	149.9	-41	-51.6	12.1	-1.0	-3.0	377	307	-19
32S 37W 10DCC 01	QU,TO	162.4	-35	-26.0	-4.0	-1.6	-1.5	413	378	-8
32S 37W 268AC 01		116.3	8			-0.2				
32S 38W 06ACC 01	QU,TO	70.7	-11	-15.1	-12.1	-0.3	-0.9	260	249	-4
32S 38W 11ADA 01	QU,TO	126.7	-9	-12.6	-1.5	-0.2	-0.7	411	402	-2
32S 38W 238DD 01	QU,TO	127.8	-12	-21.6	-1.8	-0.3	-1.3	389	377	-3
32S 39W 0288B 01	QU,TO	208.6	-113	-75.7	-0.8	-2.6	-6.5	200	87	-57
33S 35W 09CAA 01		108.6	-42			-1.0				
33S 35W 23C8B 01		124.6	-21		-4.0	-0.5				
33S 36W 03ACA 01		121.7	-32			-0.7				
33S 36W 110DC 01	QU,TO	128.4	-27	-25.9	-4.1	-0.6	-1.5	374	347	-7
33S 36W 23AAA 01										
33S 36W 260DD 01	QU,TO	148.4	-27	-29.7	-6.6	-0.6	-1.7	301	274	-9
33S 37W 098CC 01	QU,TO	88.2	-7			-0.2		444	437	-2
33S 37W 17CCC 01	QU,TO	94.4	-11	-5.1	1.3	-0.3	-0.3	471	460	-2
33S 37W 23CDB 01	QU,TO	96.5	-10	-12.7	-0.9	-0.2	-0.7	475	466	-2
33S 38W 06AAB 01	QU,TO	92.8		1.9	-1.4	0.1	0.1	285	285	
33S 38W 10ACC 01	QU,TO	134.8	-34	-27.0	-5.7	-0.8	-1.6	365	331	-9
33S 38W 200DB 01	QU,TO									
34S 35W 030CC 01	QU,TO	136.7	-29		-6.2	-0.7				
34S 35W 078CC 01	QU,TO	157.2	-37	-43.6	-4.6	-0.9	-2.6	485	448	-8
34S 35W 26ACC 01		118.6	-7		-1.1	-0.2				
34S 36W 10CAC 01		144.1	-9		-3.4	-0.2				

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1940-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1940 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1940-83
34S 37W 080AC 01	QU,TO	125.8	7	-12.8	-1.7	.2	-.8	509	516	1
34S 37W 27ABC 01	QU,TO	116.9	8	-11.1	-4.8	.2	-.7	407	415	2
34S 38W 02CAC 01	QU,TO	155.3	-16.	-19.3	5.9	-.4	-1.1	438	422	-4
34S 39W 02CCA 01	QU,TO	99.9	18	8.5	1.3	.4	.5	415	433	4
34S 39W 15CAD 01	.QU,TD	137.0	4	4.7	-9	.1	.3	369	373	1
35S 36W 01AAA 01	QU,TO	119.9			-5.7			470	470	
35S 39W 10CAD 01	QU,TO	199.2	-16	-11.2	-5.8	-.4	-.7	319	303	-5



WATER-LEVEL CHANGE IN STEVENS COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983			
06S 31W 03ADB 01	T0	2957.	192	109	115.0	119.0	119.1	118.9	118.2	120.1	115.9	115.5			
06S 31W 33CCD 01	QA,T0	2916.	131	18	10.0	28.5	28.1	29.0	29.1	30.9	30.6	30.2			
06S 32W 12CBC 01	T0	3020.	210	115	114.0	116.0	116.4	116.8	123.3	120.0	118.0	117.6			
06S 32W 29CDC 01	T0	3077.	204	113	111.0	124.5	124.1	124.7	124.6	124.4	124.0	122.2			
06S 33W 078B9 01	T0	3177.	234	137				137.6	136.0	137.4	137.4	137.5			
06S 33W 19CCC 01	T0														
06S 33W 230DD 01	QA	2997.	81	9				13.7	12.8	125.7	125.9	126.5			
06S 33W 31CAB 01	T0	3065.	90	3			142.1	14.7	14.3	14.3	13.6	11.0			
06S 34W 010DD 01	T0							142.0			15.3	14.0			
06S 34W 10DDA 01	T0	3212.	235	144	140.0	151.1	148.0	151.6	148.6	149.9	149.9	146.7			
06S 34W 11CDD 01	T0	3218.	253	158	156.0	164.0		164.5	163.0	163.2	163.7	162.5			
06S 34W 17CBC 01	T0	3261.	258	151	151.0	156.5	160.9	160.2	157.1	157.8	158.2	157.9			
06S 35W 02CDD 01	T0	3245.	250	117	127.0	128.8	128.6	132.9	129.4	130.1	131.4	129.7			
06S 35W 26ACB 01	T0	3300.	255	151	150.0	151.8	152.8	154.1	154.2	154.4	153.8	154.6			
06S 36W 06BCD 01	T0	3408.	323	174	178.0		188.0	188.6	191.4	190.9	190.4	189.1			
06S 36W 11ACC 01	T0	3360.	280	168	161.0	166.5	167.8	171.4	167.9	170.3	167.8	165.7			
06S 36W 30DCB 01	T0	3417.	307	152	147.0	152.4	152.7	153.6	153.9	154.5	155.5	154.5			
06S 36W 34DD8 01	T0	3334.	246	99	94.0	98.6	98.2	104.8	101.4	101.6	102.8	101.6			
07S 31W 01DCA 01	T0	2956.	246	108	101.0	106.8	113.4	114.0	110.7	112.4	112.8	113.6			
07S 32W 07ACA 01	T0	3056.	146	68	64.0	75.4	76.1	77.3	77.4	78.5	79.3	79.0			
07S 32W 13AAA 01	T0	3037.	234	102	101.0	113.8	115.6	117.4	118.7	120.0	121.7	123.8			
07S 33W 078DA 01	T0	3203.	254	141	149.0	154.5	154.1	162.3	153.0	154.7	154.7	153.2			
07S 33W 21DBC 01	T0	3141.	210	111	104.0	112.3	113.6	114.7	114.3	116.7	116.5	115.6			
07S 33W 35ADD 01	T0	3145.	252	131	131.0	145.3	147.3	152.6	147.8	150.3	151.8	148.3			
07S 34W 0888B 01	T0	3224.	204	94	95.0	98.4		100.0	99.7	99.1	98.8	100.9			
07S 34W 25AAA 01	T0	3167.	240	106	106.0	111.7	111.0	111.9	110.1	114.8	111.8	111.1			
07S 34W 2608D 01	T0	3177.	230	104	104.0	108.2	108.2	112.4	114.0	109.6	110.0	127.8			
07S 35W 09CCC 01	T0	3315.	265	124					127.3	129.6	129.0	142.8			
07S 36W 17CCC 01	T0	3417.	267	139	134.0	141.5	141.9	143.7	142.6	145.2	145.2	142.8			
07S 36W 35C8B 01	T0	3341.	221	82	82.0	87.0	90.5	89.3		89.0	89.5	90.6			
08S 31W 03CDD 01	T0	3003.		110					127.5	130.3	132.2	131.3			
08S 31W 20CDD 01	T0	3026.	220	98	101.0	108.0	115.7	110.4	111.8	114.7	115.2	115.2			
08S 32W 078AA 01	T0	3102.	272	98	99.0	111.6	112.8	116.8	116.1	119.1	120.5	118.2			
08S 32W 12DBC 01	T0	3057.	217	110	108.0	106.5	107.5	110.1	111.4	113.7	114.8	113.9			
08S 32W 27DAB 01	T0	3078.	228	112	110.0	110.2	112.5			115.6	121.5				
08S 33W 02CDA 01	T0	3141.		123						145.8	144.3	141.2			
08S 33W 07AAB 01	T0	3194.	244	144	143.0	170.1	151.6	152.6	153.2	155.3	156.8	147.2			
08S 33W 34B8C 01	T0	3168.	197	130	130.0	139.0	145.6	150.3	148.0	149.5	149.0	147.2			
08S 34W 01BAC 01	T0	3179.	270	113	116.0	121.7	121.8	122.8	122.4	124.3	124.2	124.3			
08S 34W 06CBC 01	T0	3266.	227	130	135.0	137.8	138.9	141.6	137.2	137.8	140.1	139.4			

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

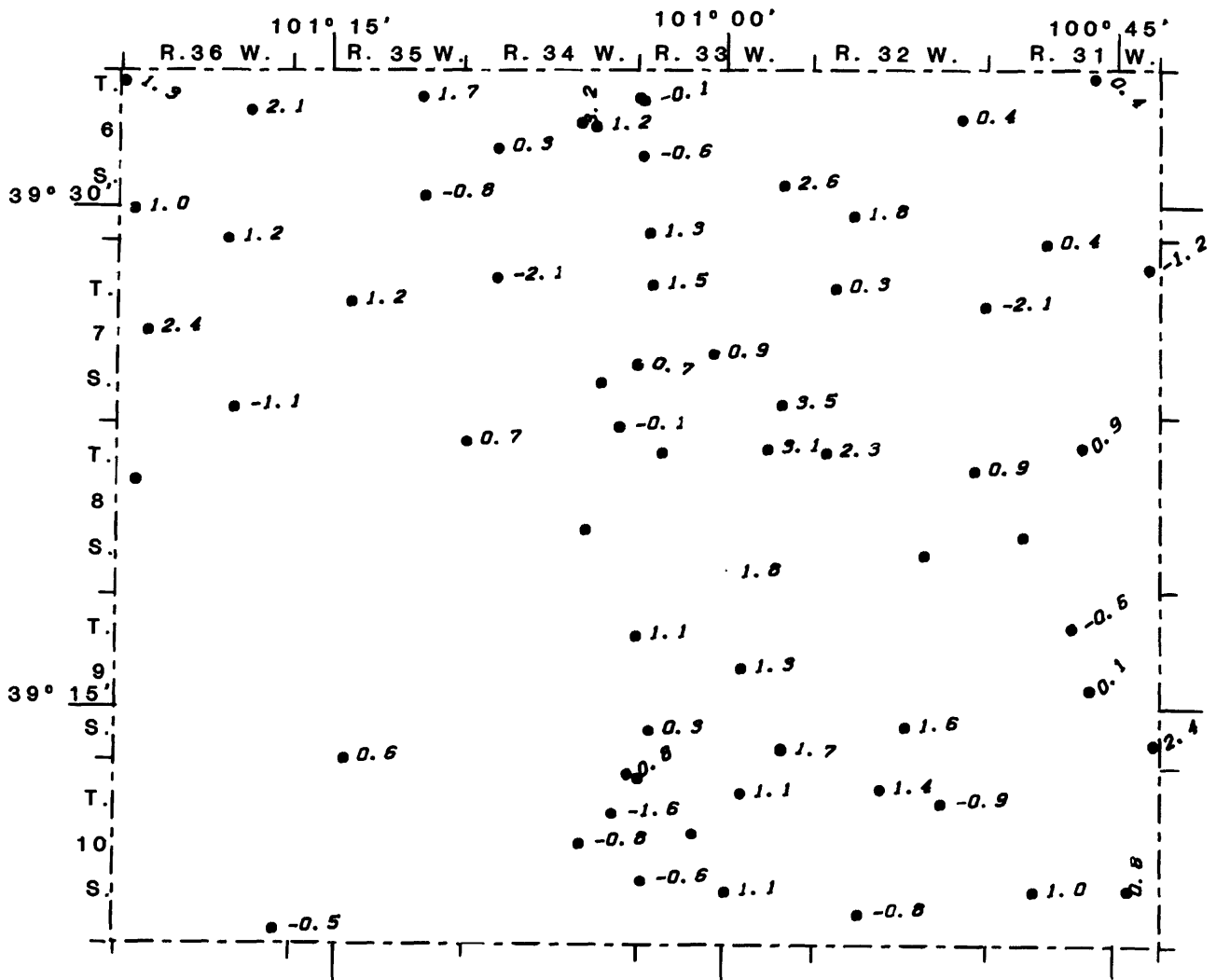
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1946	1977	1978	1979	1980	1981	1982	1983	
08S 34W 23C9D 01	T0	3232.	235	162	155.0	166.0	167.4	170.3	171.3	174.3	176.2		
08S 36W 18ABA 02	T0	3428.		120		125.4	125.8	126.4	128.3	128.3		128.2	
09S 31W 1088B 01	T0	2999.	177	85	83.0	85.5	85.7	86.9	86.1	88.2	87.8	88.4	
09S 31W 22ABD 01	T0	2990.	191	83	77.0	82.9		80.4	82.4	84.8	83.7	83.6	
09S 31W 36AAB 01	T0	3013.	209	130	131.0	136.9	141.1	143.2	138.8		141.5	139.1	
09S 32W 278CD 01	T0	3076.	207	97	98.0	112.2	114.6	123.9	115.5	117.0	120.7	119.1	
09S 33W 15ACC 01	T0	3135.	248	100	99.0	115.2	117.9	121.1	121.9	129.2	126.1	124.8	
09S 33W 30CAA 01	T0	3216.	280	161	176.0	193.5	194.6	198.6	197.0	201.3	200.2	199.9	
09S 33W 35AAD 01	T0	3145.	250	125	129.0	144.0	147.8	154.8	149.9	152.8	155.9	154.2	
09S 34W 12ADA 01	T0	3199.	269	134				156.5	153.0	155.4	157.3	156.2	
09S 35W 32DAA 01	T0	3361.	235	182	188.0	187.7	187.4	188.0	187.6	187.0	187.0	186.4	
10S 31W 26AAA 01	QA, T0	2891.	31	11	5.0	8.4	9.2	9.8	9.7	10.7	11.1	10.3	
10S 31W 29AAB 01	T0	2997.	190	82	82.0	86.7	87.7	88.8	89.4	91.1	90.7	89.7	
10S 32W 04CAB 01	T0	3091.	214	106	103.0	114.1	108.5	118.7	112.9	120.4	122.5	121.1	
10S 32W 118AA 01	T0	3072.	171	110	105.0	110.4	113.0	112.9	114.5		117.3	118.2	
10S 32W 29DCB 01	T0	3064.	184	78	80.0	89.5	91.0	93.3	93.0	93.9	94.5	95.3	
10S 33W 03DBC 01	T0	3145.	254	120	127.0	150.6	140.6	146.2		148.5	149.1	148.0	
10S 33W 068BC 01	T0	3191.	315	136		177.7	181.4				178.9		
10S 33W 17AAA 01	T0	3182.	142	142									
10S 33W 19C9D 01	T0	3161.	166	100	99.0	103.8	107.0	104.5	104.0	104.8	105.0	105.6	
10S 33W 2788B 01	T0	3119.	152	87	92.0	97.7			100.1		102.8	101.7	
10S 34W 01ABA 01	T0	3197.	301	138	148.0	177.0		182.4	174.5		177.0	176.2	
10S 34W 128CD 01	T0	3220.	297	157	169.0	173.7	173.5	182.2	174.5		171.3	172.9	
10S 34W 148CC 01	T0	3222.	194	138	142.0	142.3	142.2	145.8	144.9		141.7	142.5	
10S 36W 36ACC 01	T0	3359.	199	164	169.0	171.8	170.8	170.2	171.9	171.8	171.5	172.0	

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
06S 31W 03ADR 01	TO	115.5	-7	-5	.4	-.2	-.2	83	77	-7
06S 31W 33CCD 01	QA,TO	30.2	-12	-20.2	.4	-.4	-.4	113	101	-11
06S 32W 12CBC 01	TO	117.6	-3	-3.6	.4	-.1	-.2	95	92	-3
06S 32W 29CDC 01	TO	122.2	-9	-11.2	1.8	-.3	-.7	91	82	-10
06S 33W 07BBB 01	TO	137.5	-1	-.1	-.1	-.3	-.7	97	97	
06S 33W 18CCC 01	TO	126.5	-2	-.6	-.6	-.1	-.1	72	70	-3
06S 33W 23DDD 01	QA	11.0	-11	1.3	1.3	-.3	-.3	87	76	-13
06S 33W 31CAB 01	TO	14.0								
06S 34W 01DDD 01	TO	146.7	-3	-6.7	3.2	-.1	-.4	91	88	-3
06S 34W 10DDA 01	TO									
06S 34W 11CDD 01	TO	162.5	-5	-6.5	1.2	-.2	-.4	95	91	-4
06S 34W 17CBC 01	TO	157.9	-7	-6.9	.3	-.2	-.4	107	100	-7
06S 35W 02CDD 01	TO	129.7	-13	-2.7	1.7	-.4	-.2	133	120	-10
06S 35W 26ACB 01	TO	154.6	-4	-4.6	-.8	-.3	-.3	104	100	-4
06S 36W 06BCD 01	TO	189.1	-15	-11.1	1.3	-.5	-.7	149	134	-10
06S 36W 11ACC 01	TO	165.7	2	-4.7	2.1	.1	-.3	112	114	2
06S 36W 37DCB 01	TO	154.5	-3	-7.5	1.0	-.4	-.4	155	153	-1
06S 36W 340DB 01	TO	101.6	-3	-7.6	1.2	-.1	-.4	147	144	-2
07S 31W 01DCA 01	TO	113.6	-6	-12.6	-1.2	-.2	-.7	138	132	-4
07S 32W 07ACA 01	TO	79.0	-11	-15.0	.3	-.3	-.9	78	67	-14
07S 32W 13AAA 01	TO	123.8	-22	-22.8	-2.1	-.7	-1.3	132	110	-17
07S 33W 078DA 01	TO	153.2	-12	-4.2	1.5	-.4	-.2	113	101	-11
07S 33W 210BC 01	TO	115.6	-5	-11.6	.9	-.2	-.7	99	94	-5
07S 33W 35A0B 01	TO	148.3	-17	-17.3	3.5	-.5	-1.0	121	104	-14
07S 34W 08BBB 01	TO	100.9	-7	-5.9	-2.1	-.2	-.3	110	103	-6
07S 34W 25AAA 01	TO	111.1	-5	-5.1	.7	-.2	-.3	134	129	-4
07S 34W 260B0 01	TO									
07S 35W 09CCC 01	TO	127.8	-4		1.2	-.1		141	137	-3
07S 36W 17CCC 01	TO	142.8	-4	-8.8	2.4	-.1	-.5	128	124	-3
07S 36W 35CBB 01	TO	90.6	-9	-8.6	-1.1	-.3	-.5	139	130	-6
08S 31W 03CDD 01	TO	131.3	-21		.9	-.6		122	105	-14
08S 31W 20CDD 01	TO	115.2	-17	-14.2	2.3	-.5	-.8	174	154	-11
08S 32W 078AA 01	TO	118.2	-20	-19.2	-.9	-.6	-1.1	107	103	-4
08S 32W 120BC 01	TO	113.9	-4	-5.9	-.9	-.1	-.3			
08S 32W 270AE 01	TO									
08S 33W 02C0A 01	TO	141.2	-18		3.1	-.5				
08S 33W 07AAB 01	TO									
08S 33W 348BC 01	TO	147.2	-17	-17.2	1.8	-.5	-1.0	67	50	-25
08S 34W 018AC 01	TO	124.3	-11	-8.3	-.1	-.3	-.5	157	146	-11
08S 34W 06CEC 01	TO	139.4	-9	-4.4	.7	-.3	-.3	97	88	-9

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
08S 34W 23CB0 01	T0									
08S 36W 18ABA 02	T0	128.2	-8							
09S 31W 1088B 01	T0	88.4	-3	-5.4	-0.6	-0.2	-0.3	92	89	-3
09S 31W 22AB0 01	T0	83.6	-1	-6.6	.1	-0.1	-0.4	108	107	-1
09S 31W 36AAB 01	T0	139.1	-9	-8.1	2.4	-0.3	-0.5	79	70	-11
09S 32W 27BC0 01	T0	119.1	-22	-21.1	1.6	-0.7	-1.2	110	88	-20
09S 33W 15ACC 01	T0	124.8	-25	-25.8	1.3	-0.8	-1.5	146	123	-17
09S 33W 30CAA 01	T0	199.9	-39	-23.9	.3	-1.2	-1.4	119	80	-33
09S 33W 35AAD 01	T0	154.2	-29	-25.2	1.7	-0.9	-1.5	125	96	-23
09S 34W 12ADA 01	T0	156.2	-22		1.1	-0.7		135	113	-16
09S 35W 32DAA 01	T0	186.4	-4	1.6	.6	-0.1	.1	53	49	-8
10S 31W 26AAA 01	04,T0	10.3	1	-5.3	.8		-0.3	20	21	5
10S 31W 29AAB 01	T0	89.7	-8	-7.7	1.0	-0.2	-0.5	108	100	-7
10S 32W 04CAB 01	T0	121.1	-15	-18.1	1.4	-0.5	-1.1	108	93	-14
10S 32W 11BAA 01	T0	118.2	-8	-13.2	-0.9	-0.2	-0.8	61	53	-13
10S 32W 29DCB 01	T0	95.3	-17	-15.3	-0.8	-0.5	-0.9	106	89	-16
10S 33W 03BEC 01	T0	148.0	-28	-21.0	1.1	-0.8	-1.2	134	106	-21
10S 33W 06BSC 01	T0									
10S 33W 17AAA 01	T0	105.6	-6	-6.6	-0.6	-0.2	-0.4	66	60	-9
10S 33W 19CBB 01	T0									
10S 33W 27B8B 01	T0	101.7	-15	-9.7	1.1	-0.5	-0.6	65	50	-23
10S 34W 01ABA 01	T0	176.2	-38	-28.2	.8	-1.2	-1.7	163	125	-23
10S 34W 12BC0 01	T0	172.9	-16	-3.9	-1.6	-0.5	-0.2	140	124	-11
10S 34W 14BCC 01	T0	142.5	-5	-0.5	-0.8	-0.2	-0.2	56	52	-7
10S 36W 36ACC 01	T0	172.0	-8	-3.0	-0.5	-0.2	-0.2	35	27	-23



WATER-LEVEL CHANGE IN THOMAS COUNTY, 1982-83

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)	1950	1966	1977	1978	1979	1980	1981	1982	1983
				DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)	DEPTH TO WATER (FEET)
11S 38W 35CCC 02	T0	3372.	189	81	76.0	138.6	140.7	142.5	142.3	140.1	148.6	148.6	140.5
11S 42W 08DDC 01	T0	3953.	98	98		107.1	108.0	108.6	108.2	107.4	107.3	107.3	107.5
13S 39W 3388B 01	T0	3322.						27.5	28.5	26.9	29.5	29.5	25.4
13S 42W 108AC 01	T0	3770.	50				38.0	39.2	40.3	39.1	175.8	175.8	177.4
13S 43W 36ABB 01	T0	3894.	270	149	149.0	168.5	169.9	177.8	174.0				
14S 38W 21DCC 01	T0	3538.	94	82	80.1	81.4	81.5	81.5	81.5	81.8	81.9	81.9	81.8
14S 38W 29CCC 01	T0	3543.	151			91.6	92.1	92.4	92.9	93.2	93.6	93.6	93.9
14S 39W 368CB 01	T0	3576.	187	104	117.2	135.5	135.7	136.2		136.1	148.3	148.3	137.7
14S 40W 234DD 01	T0	3645.	220	118	124.5	149.3							155.2
14S 40W 29ABA 01	T0	3702.	230	137		156.7			165.6	167.3			169.8
14S 40W 35ABA 01	T0	3630.	230	100			131.1	132.6	134.4				134.1
14S 41W 18DCB 01	T0	3778.	387	106		134.3	139.5	142.4	141.6	144.0	140.5	140.5	149.6
14S 41W 228BC 01	T0	3729.	218	84	86.1	110.2	111.6	115.4	118.6	120.6	121.6	121.6	121.0
14S 41W 28DCA 01	T0	3760.	414	112		147.4	132.0	139.6	151.6	151.6	153.1	153.1	153.1
14S 41W 30DDC 01	T0	3798.	268	131		171.8	168.8	172.7	175.0	176.5	179.4	179.4	178.4
14S 42W 02AAB 01	T0	3838.	400	143	150.9	168.1	170.5	174.9	177.2	179.1	180.8	180.8	197.2
14S 42W 108AA 01	T0	3838.	403	133		164.0	166.5	171.5	173.4	176.1	179.2	179.2	178.5
14S 42W 14DBD 01	T0	3796.	400	101	117.4	132.1	137.4	141.2	141.6	153.2	153.2	149.8	149.8
14S 42W 228DD 01	T0	3831.	432	133		161.2	164.0	169.8	169.9	176.6	175.7	175.7	175.1
14S 42W 30BCA 01	T0	3880.	386	155	159.6	185.2	185.8		186.2	186.8			
15S 38W 05CCB 01	T0	3531.	144	76		100.8	101.3	101.0	101.6	101.3	102.5	102.5	102.5
15S 38W 0788B 01	T0	3551.	178	90	105.9	128.3	130.1	130.1	132.7	130.9	131.5	131.5	130.6
15S 38W 14CCD 01	T0	3486.	150	70	81.1	99.2	100.2	100.2	101.5	102.8	103.9	103.9	102.1
15S 38W 18CCC 01	T0	3548.	176	90		138.2	140.6	142.3	142.9	142.6	149.5	149.5	149.7
15S 38W 21C8C 01	T0	3513.	180	85	102.5	126.8	128.8	136.5	137.2	136.9	141.5	141.5	141.0
15S 38W 28D8B 01	T0	3502.	202	82	106.3	138.9	140.6	141.6	145.3	145.4	145.4	146.0	146.0
15S 38W 30CCB 01	T0	3539.	232	85	108.7	138.6	142.0	144.3	147.9	149.7	149.7	151.4	151.4
15S 38W 36C8B 01	T0	3461.	153	76	80.8	109.9	111.3	112.2	112.4	115.7	121.3	121.9	121.9
15S 39W 028CD 01	T0	3585.	195	109	125.0	152.7	152.1	152.6	152.6	151.2	156.7	156.7	156.7
15S 39W 06C8C 01	T0	3631.	223	106	118.8	146.8	149.2	149.3	149.0	147.6	146.1	146.1	146.3
15S 39W 08ACC 01	T0	3623.	222	113	129.9	157.2	158.9	159.0	158.3	156.2	158.6	158.6	158.5
15S 39W 15DBA 01	T0	3591.	205	110		153.6	155.0	155.6	157.6	158.6	158.5	158.5	151.0
15S 39W 26ACC 01	T0	3561.	239	90	111.5	136.8	139.0	142.2	144.4	145.0	150.7	150.7	151.0
15S 39W 288BD 01	T0	3565.	200	65	76.2	101.9	104.8	107.4	109.5	108.9	109.7	109.7	109.7
15S 40W 038AB 01	T0	3636.	254	86	85.0	108.8	111.5	115.9	119.1	119.7	121.7	121.7	120.4
15S 40W 0798B 01	T0	3706.	260	117	116.7	141.3	143.1	146.6	149.1	151.4	153.6	153.6	153.9
15S 40W 09DCB 01	T0	3653.	261	85	90.8	116.6	118.4	122.8	125.1	126.4	128.6	128.6	128.5
15S 40W 138AA 01	T0	3642.	242	104	111.9	138.8	138.5	141.9	140.0	143.6	144.4	144.4	144.4
15S 40W 14CCC 01	T0	3635.	258	81		111.9	112.8	115.8	118.4	119.4	120.6	120.6	120.1
15S 40W 208BD 01	T0	3674.	271	94		122.3	122.5	126.0	124.3	129.8	132.2	132.2	132.4

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

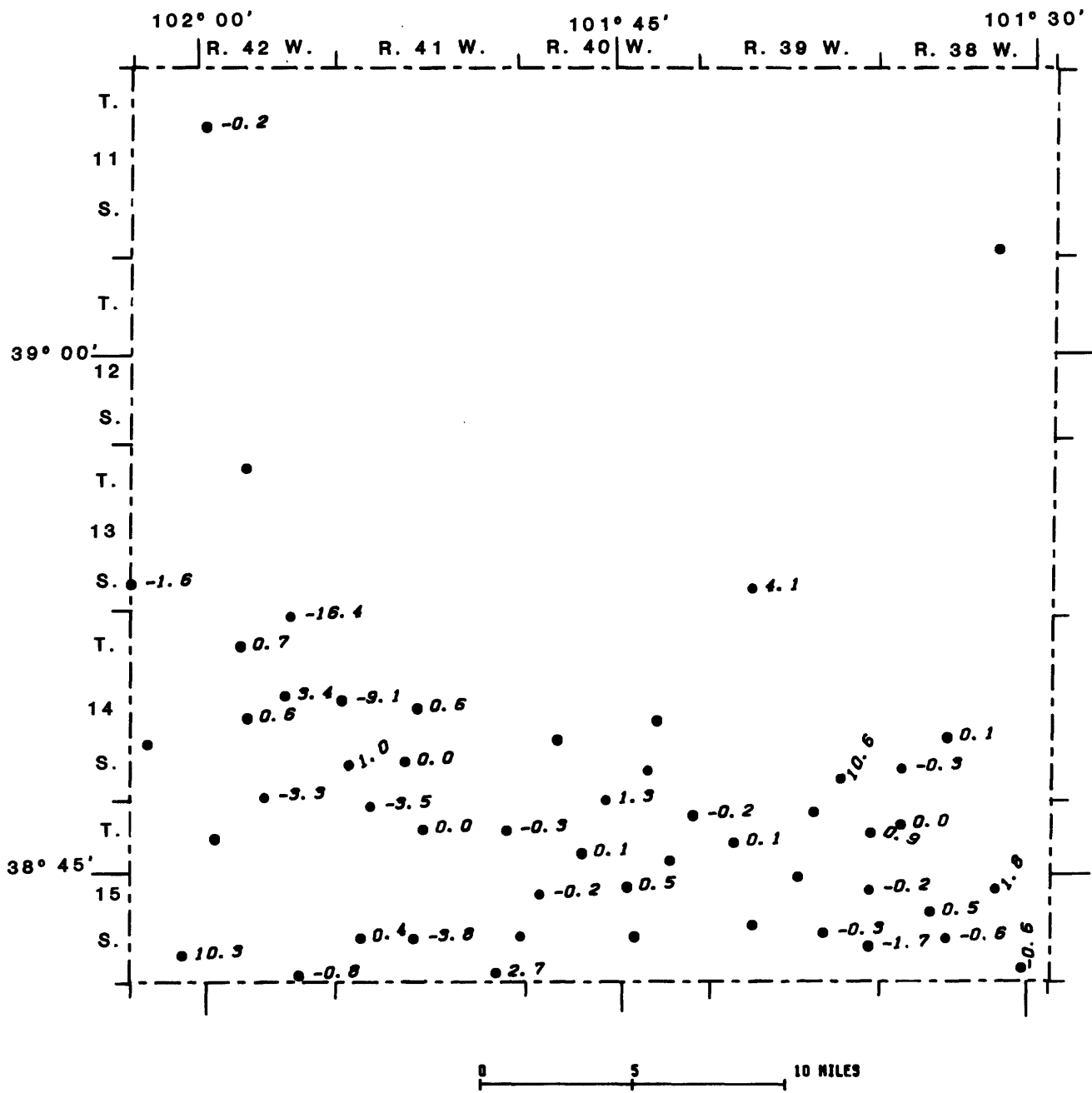
WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET) 1950	DEPTH TO WATER (FEET) 1966	DEPTH TO WATER (FEET) 1977	DEPTH TO WATER (FEET) 1978	DEPTH TO WATER (FEET) 1979	DEPTH TO WATER (FEET) 1980	DEPTH TO WATER (FEET) 1981	DEPTH TO WATER (FEET) 1982	DEPTH TO WATER (FEET) 1983
15S 40W 26CAB 01	T0	3646.	245	100	102.0	122.8	124.1	127.1	127.9	128.9	142.0	
15S 40W 30DBB 01	T0	3694.	265	109	114.6		140.8	146.7	146.0	146.7		
15S 41W 05ACB 01	T0	3794.	235	136	147.2	173.9	170.1	179.0	186.8	185.9	189.4	189.4
15S 41W 10BAB 01	T0	3787.	264	157	163.7	188.9	190.2	193.6	194.8	199.1	200.0	200.0
15S 41W 27C8C 01	T0	3750.	230	145		176.8	179.4	180.9	180.6	184.1	186.7	190.5
15S 41W 29CAC 01	T0	3785.	230	160		202.7	202.9	205.8	205.9		209.6	209.2
15S 41W 36D0B 02	T0	3695.	265	104	113.1	134.4	135.6		139.6		142.2	139.5
15S 42W 0208B 01	T0	3854.	225	159	166.9	193.5	193.8		191.2	200.6	198.5	201.8
15S 42W 09BDD 01	T0	3892.	182	182	186.6	200.4	201.6		220.9	221.3	221.8	
15S 42W 32BDA 01	T0	3901.	271	216	233.9	243.2	245.4	247.4		245.2	243.8	233.5
15S 42W 36CDC 01	T0	3844.	270	194	214.1	239.3	238.7	240.0	241.0	241.2	241.9	242.7

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
11S 38W 35CCC 02	TO									
11S 42W 08DDC 01	TO	107.5	-10		-2	-.3			10	
13S 39W 3388B 01	TO	25.4			4.1					
13S 42W 10BAC 01	TO									
13S 43W 36A8B 01	TO	177.4	-28	-28.3	-1.6	-.8	-1.7	121	93	-23
14S 38W 21DCC 01	TO	81.8		-1.7	.1		-.1	12	12	
14S 38W 29CCC 01	TO	93.9			-.3			57	57	
14S 39W 368CR 01	TO	137.7	-34	-20.5	10.6	-1.0	-1.2	83	49	-41
14S 40W 23ADD 01	TO	155.2	-37	-30.7		-1.1	-1.8	102	65	-36
14S 40W 29ABA 01	TO	169.8	-33			-1.0		93	60	-35
14S 40W 35ABA 01	TO	136.1	-34			-1.0		130	96	-26
14S 41W 18DCB 01	TO	142.6	-44		-9.1	-1.3		281	237	-16
14S 41W 228BC 01	TO	121.0	-37	-34.9	.6	-1.1	-2.1	134	97	-28
14S 41W 28DCA 01	TO	153.1	-41		0.0	-1.2		302	261	-14
14S 41W 30DDC 01	TO	178.4	-47		1.0	-1.4		137	90	-34
14S 42W 02AAB 01	TO	197.2	-54	-46.3	-16.4	-1.6	-2.7	257	203	-21
14S 42W 10BAA 01	TO	178.5	-46		.7	-1.4		270	225	-17
14S 42W 14DBD 01	TO	149.8	-49	-32.4	3.4	-1.5	-1.9	299	250	-16
14S 42W 22BD 01	TO	175.1	-42		.6	-1.3		299	257	-14
14S 42W 30BCA 01	TO									
15S 38W 05CCB 01	TO	102.5	-27		0.0	-.8		68	42	-38
15S 38W 0788B 01	TO	130.6	-41	-24.7	.9	-1.2	-1.5	88	47	-47
15S 38W 14CCD 01	TO	102.1	-32	-21.0	1.8	-1.0	-1.2	80	48	-40
15S 38W 18CCC 01	TO	149.7	-60		-.2	-1.8	-2.3	66	26	-70
15S 38W 21C8C 01	TO	141.0	-56	-38.5	.5	-1.7		95	39	-59
15S 38W 28DBB 01	TO	146.0	-64	-39.7	-.6	-1.9	-2.3	120	56	-53
15S 38W 30CCB 01	TO	151.4	-66	-42.7	-1.7	-2.0	-2.5	147	81	-45
15S 38W 36C8B 01	TO	121.9	-46	-41.0	-.6	-1.4	-2.4	77	31	-60
15S 39W 028CD 01	TO	156.7	-48	-31.6		-1.5	-1.9	86	38	-56
15S 39W 06C8C 01	TO	146.3	-40	-27.5	-.2	-1.2	-1.6	117	77	-34
15S 39W 08ACC 01	TO	158.5	-46	-28.6	.1	-1.4	-1.7	109	64	-41
15S 39W 15DBA 01	TO									
15S 39W 26ACC 01	TO	151.0	-61	-39.4	-.3	-1.8	-2.3	149	88	-41
15S 39W 288BD 01	TO	109.7	-45	-33.5		-1.4	-2.0	135	90	-33
15S 40W 038AB 01	TO	120.4	-34	-35.3	1.3	-1.0	-2.1	168	134	-20
15S 40W 0788B 01	TO	153.9	-37	-37.2	-.3	-1.1	-2.2	143	106	-26
15S 40W 09DCB 01	TO	128.5	-44	-37.7	.1	-1.3	-2.2	176	133	-24
15S 40W 138AA 01	TO									
15S 40W 14CCC 01	TO	120.1	-39		.5	-1.2		177	138	-22
15S 40W 208BD 01	TO	132.4	-38		-.2	-1.2		177	139	-21

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
155 40W 26CAB 01	TO									
155 40W 30D88 01	TO									
155 41W 05AC8 01	TO	189.4	-53	-42.2	-3.5	-1.6	-2.5	99	46	-54
155 41W 108A8 01	TO	200.0	-43	-36.2	0.0	-1.3	-2.1	107	64	-40
155 41W 27C8C 01	TO	190.5	-46		-3.8	-1.4		85	40	-53
155 41W 29CAC 01	TO	209.2	-49		.4	-1.5		70	21	-70
155 41W 36DD8 02	TO	139.5	-36	-26.3	2.7	-1.1	-1.5	161	126	-22
155 42W 02888 01	TO	201.8	-43	-34.9	-3.3	-1.3	-2.1	66	23	-65
155 42W 09B00 01	TO									
155 42W 3280A 01	TO	233.5	-18	.4	10.3	-.5		55	38	-31
155 42W 36C0C 01	TO	242.7	-49	-28.5	-.8	-1.5	-1.7	76	27	-64



WATER-LEVEL CHANGE IN WALLACE COUNTY, 1982-83

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 (1977) (FEET)	DEPTH TO WATER (1978) (FEET)	DEPTH TO WATER (1979) (FEET)	DEPTH TO WATER (1980) (FEET)	DEPTH TO WATER (1981) (FEET)	DEPTH TO WATER (1982) (FEET)	DEPTH TO WATER (1983) (FEET)
165 35W 010CD 01	T0	3131.	109	78	79.6	86.4	86.5	90.0	90.0	88.8	87.7	94.4
165 35W 06AAB 01	T0	3208.	118	71	81.5	81.6	80.6	83.4	81.0	82.8	82.8	82.6
165 35W 13CCC 01	T0	3182.	170	118	126.6	148.9	150.1	152.1	153.8	156.8	159.3	157.6
165 35W 20CCC 01	T0	3228.	189	103	124.6	154.2	153.2	154.2	154.2	162.0	162.0	157.2
165 35W 27BBC 01	T0	3202.	166	107	122.0	153.4	153.0	153.0	158.1	163.1	168.6	156.7
165 35W 32BBC 01	T0	3224.		98								
165 36W 03DCC 01	T0	3267.	138	87		120.3	121.9	144.4	144.4	146.8	150.0	146.8
165 36W 07BCB 01	T0	3319.	140	80	91.8	107.1	106.4	108.8	112.6	111.3	112.6	113.2
165 36W 14CCD 01	T0	3263.	204	88	114.7	136.9	135.7	138.0	138.9	138.0	138.9	140.3
165 36W 17ABC 01	T0	3297.	157	83	98.5	127.7	129.1	130.8	132.2	133.9	137.5	136.4
165 36W 21CCC 01	T0	3295.	205	84	99.9	138.9	145.1	144.2	145.3	150.0	152.4	171.2
165 36W 25BBB 01	T0	3257.	202	95	120.5	145.1	142.8	145.2	145.2	149.8	151.7	148.4
165 36W 30CBC 01	T0	3319.	218	87	109.3	142.4	144.6	146.2	147.4		135.9	153.0
165 36W 34CCC 01	T0	3275.	187	90	102.3	125.2	128.5	130.4	132.8			
165 36W 35CCC 01	T0	3265.	201	95	106.2	128.8	130.7	132.5	135.2	135.4	137.8	137.5
165 36W 36C9C 01	T0	3246.	200	91	105.4	124.8	126.6	129.7	129.7	130.8	133.8	132.5
165 37W 04CCC 01	T0	3380.	149	80		117.4	118.4	123.0	123.4	124.1	122.9	129.3
165 37W 13RBC 01	T0	3331.	151	78	92.7	121.0	122.5	124.1	125.1	125.9	127.2	128.3
165 37W 15CCC 01	T0	3369.	204	83	106.7	139.8	141.0	143.9	145.3	145.9	148.1	148.0
165 37W 17RBB 01	T0	3399.	194	86	101.0	133.9	137.9	137.3	139.3	141.4	142.4	143.7
165 37W 27ABC 01	T0	3360.	210	88	111.9	142.8	146.0	148.1	149.2	149.6	150.3	153.2
165 37W 29ABB 01	T0	3394.	219	86	103.8	143.6	145.2	147.1	147.4	149.7	150.6	151.4
165 37W 30ACB 01	T0	3400.	200	88	112.2	144.7	146.4	148.2	147.4	149.6	152.1	
165 38W 05RBB 01	T0	3497.	222	87	104.0	140.8	142.3	143.3	145.4	146.0	151.5	150.3
165 38W 10ABB 01	T0	3458.	208	83	96.3	133.7	134.4	136.8	139.2	144.4	144.4	145.2
165 38W 16ACC 01	T0	3452.	214	73	89.2	125.5	127.7	130.2		133.6	137.9	138.5
165 38W 19BBA 01	T0	3482.	180	80		115.2	119.0	118.8	120.2		125.5	126.8
165 38W 26RBB 01	T0	3424.	197	75	112.0	140.8	131.6	131.9	134.1	139.3	145.9	137.7
165 38W 29ADB 01	T0	3458.	180	80	92.2	123.1	124.5	126.1	126.9	128.4	133.1	133.3
175 35W 02RBB 01	T0	3189.	189	109		144.6	145.1	146.3	147.3	149.3	149.3	150.1
175 35W 15CCB 01	T0	3194.	204	98	110.0		128.1	128.7	131.8	131.7	136.4	131.9
175 35W 18ACB 01	T0	3226.	195	97	110.8	134.4	134.3	136.8	136.8	145.8	145.8	144.0
175 35W 27CCC 01	T0	3195.	210	91	109.6	141.0	144.2	145.3	145.1	149.5	149.5	148.0
175 35W 30CBB 01	T0	3235.	218	94	126.6	154.4	156.2	156.1	157.7	162.6	169.4	172.5
175 36W 05CCD 01	T0	3299.	187	95	112.1	141.4		140.6	140.6	142.3	146.5	
175 36W 10CBB 01	QA,TC	3202.	97	29		48.5	49.5	52.1	53.4	53.6	55.6	56.5
175 36W 20DOB 01	T0	3241.	144	48	56.8	80.3	81.3	84.4	84.4	86.3	88.2	
175 36W 23BCB 01	T0	3258.	228	100	125.3	153.1	152.5	154.1	153.6	155.6	160.1	158.2
175 36W 33CBB 01	T0	3286.	208	98	113.3	137.5	138.2	139.4	142.1	141.5	143.0	149.2
175 36W 36RBB 01	T0	3246.	216	94	125.1	152.8	153.7	154.6	156.5			161.1

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983			
175 37W 03AAB 01	T0	3349.	184	89	104.0	131.0	130.2	131.7	132.8	135.5	135.5	135.5	136.5		
175 37W 08BAA 01	T0	3374.	196	84	101.2	121.1	123.8	124.5	129.8	130.2	134.9	141.2			
175 37W 13CDD 01	T0	3300.	175	70		97.5	95.2	95.9	104.3	101.0	103.1	104.2			
175 37W 22CCC 01	T0	3351.	195	92	104.3	125.3	128.8	130.1	131.4	135.1	135.1	132.8			
175 37W 28CCC 01	T0	3360.	190	85	98.4	126.1	127.0	132.3	131.4	131.1	141.5	151.7			
175 38W 01AAA 01	T0	3399.	185	85	108.4	122.1	122.5	122.2	125.5	125.6	126.8	127.7			
175 38W 06BDD 01	T0	3474.	145	86	87.3	100.8		105.3	105.2	104.8	108.3	109.0			
175 38W 10AAB 01	T0	3415.	210	83		113.2	111.9		114.4	120.2	119.7	120.1			
175 38W 12DCB 01	T0	3330.	124	21	26.0	45.5		49.8	50.6	51.2	53.2	54.4			
175 38W 21BBB 01	T0	3446.	165	100	100.3	119.3	121.2	119.9	119.9		126.5	127.7			
175 38W 24ACC 01	T0	3394.	210	86	104.5			123.5	124.3	124.0	125.4	129.0			
175 38W 27ACD 01	T0	3420.	174	95		130.9	132.3		131.0		140.6	137.9			
175 38W 28CCC 01	T0	3446.	190	105	113.6	136.7	138.7	142.8	139.5		143.8	143.9			
165 35W 02ACC 01	T0	3178.	170	88	104.0		129.3	126.3	127.5	131.0	136.4	128.1			
185 35W 08BBC 02	T0	3217.	186	82					131.3		140.0	144.6			
185 35W 14DCD 01	T0	3171.	137	80	91.1	114.8	113.2	111.1	113.1	129.1	114.0	117.5			
185 35W 17DAA 01	T0	3208.	164	86				140.0			130.7	131.0			
185 35W 34ABB 01	T0	3192.	143	85	97.9	120.1	121.1	113.7	114.8		118.2				
185 36W 02DCB 01	T0	3251.	198	90	103.9	123.1	124.7	125.9	126.7		130.0	131.9			
185 36W 09BBB 01	T0	3280.	195	81	101.0	126.8	128.7	130.1	130.2	133.7	136.1	136.2			
185 36W 15DAD 01	T0	3235.	165	60		83.3	82.2	83.6	86.7	87.3	87.5	87.0			
185 36W 18DDC 01	T0	3295.	174	82	90.0	123.2	124.4	125.8	127.1	128.3	130.0	131.5			
185 36W 29ABB 01	T0	3285.	171	85	92.3			120.7	119.1		122.5	123.3			
185 37W 01BBB 01	T0	3315.	174	80	108.4	132.9	136.4	132.6	136.4	136.0	138.8	137.6			
185 37W 03CCC 01	T0	3352.	201	90		140.9	140.9	143.2	144.0	147.1	147.0	147.4			
185 37W 05CBB 01	T0	3377.	196	89		146.9	146.3	145.5	147.6		152.0	153.0			
185 37W 14BBB 01	T0	3321.	190	73		134.6	126.9	129.1	131.2		134.9	133.8			
185 37W 19AAD 01	T0	3370.	167	86	108.5		140.2	141.4	140.3	142.5	143.0	143.0			
185 37W 21BBB 01	T0	3360.	175	85	113.6	154.3	152.5	152.8	152.8	155.4	168.7	154.6			
185 37W 34BBB 01	T0	3320.	130	62	70.7	91.2	92.9	94.5	97.9	100.7	97.1	98.3			
195 37W 36ABB 01	T0	3301.	155	76	89.3	103.1	104.4	104.5	105.4	106.0	107.3	108.8			
185 38W 02BCC 01	T0	3414.	199	95	115.7	143.4	146.2	148.3	148.1	153.1	155.8	159.4			
185 38W 08BBB 01	T0	3432.	182	82		119.5	122.3	124.1	124.8	127.8	131.7	131.9			
185 38W 12BCC 01	T0	3401.	202	91	117.4	150.4	153.5	152.0	155.0	157.4	158.5	161.5			
185 38W 20ACC 02	T0	3440.	169	90	108.7	131.3	131.4	136.8			131.3	130.2			
185 38W 23BAB 01	QA,T0	3340.	108	23		53.1					45.8	39.8			
185 38W 31DBC 01	T0	3450.	148	109	108.7	122.6		125.7	123.9	120.7	123.7	123.8			
185 38W 36DDD 01	T0	3374.	129	78	82.4	82.2	83.5	82.4	80.8	82.8	83.0	83.1			
195 35W 01AAA 01	T0	3165.	134	83	100.2	120.0	114.1	114.2	114.5	114.5	114.0	115.3			
195 35W 08BBB 01	T0	3217.	135	85		92.2	92.2	92.5	95.7	96.3	97.1	95.2			

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

WELL NUMBER	GEOLOGIC UNIT	LAND-SURFACE ALTITUDE (FEET)	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)		DEPTH TO WATER (FEET)	
				1950	1966	1977	1978	1979	1980	1981	1982	1983	
19S 35W 29BCB 01	T0	3139.		32	36.2	37.2	39.5	36.3					
19S 36W 15BAA 01	T0	3236.	112	71	77.4	77.9	78.5	78.4	77.9				
19S 37W 22AAB 01	T0	3330.	138	98	112.4	107.3	105.6	107.0	102.8				
19S 38W 14AAB 01	T0	3403.	160	95	101.4	97.0	109.6						
19S 38W 180CC 01	T0	3456.	180	120	132.7	131.9		124.0	124.1				
19S 38W 26CCB 01	T0	3408.	173	96	105.1	106.1	107.1	107.4	103.2				
19S 38W 31CBC 01	T0	3463.	205	140	139.3	138.6	139.6	141.7	138.8				
20S 35W 1588B 01	T0	3129.											
20S 36W 140AD 01	T0	3225.	108	94	100.9	98.4	97.3	97.4	68.0				
20S 37W 290CC 01	T0	3359.	139	98	117.3	116.1	116.9	110.4	112.9				
20S 38W 17C8D 01	T0	3442.	232	135	147.3	143.3	144.5		142.0				
20S 38W 33B8A 01	T0	3424.	205	126	155.8	140.3	139.3	141.2	141.3				
20S 38W 33B8A 01	T0	3424.	205		155.8	140.3	139.3	141.2	141.3				

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

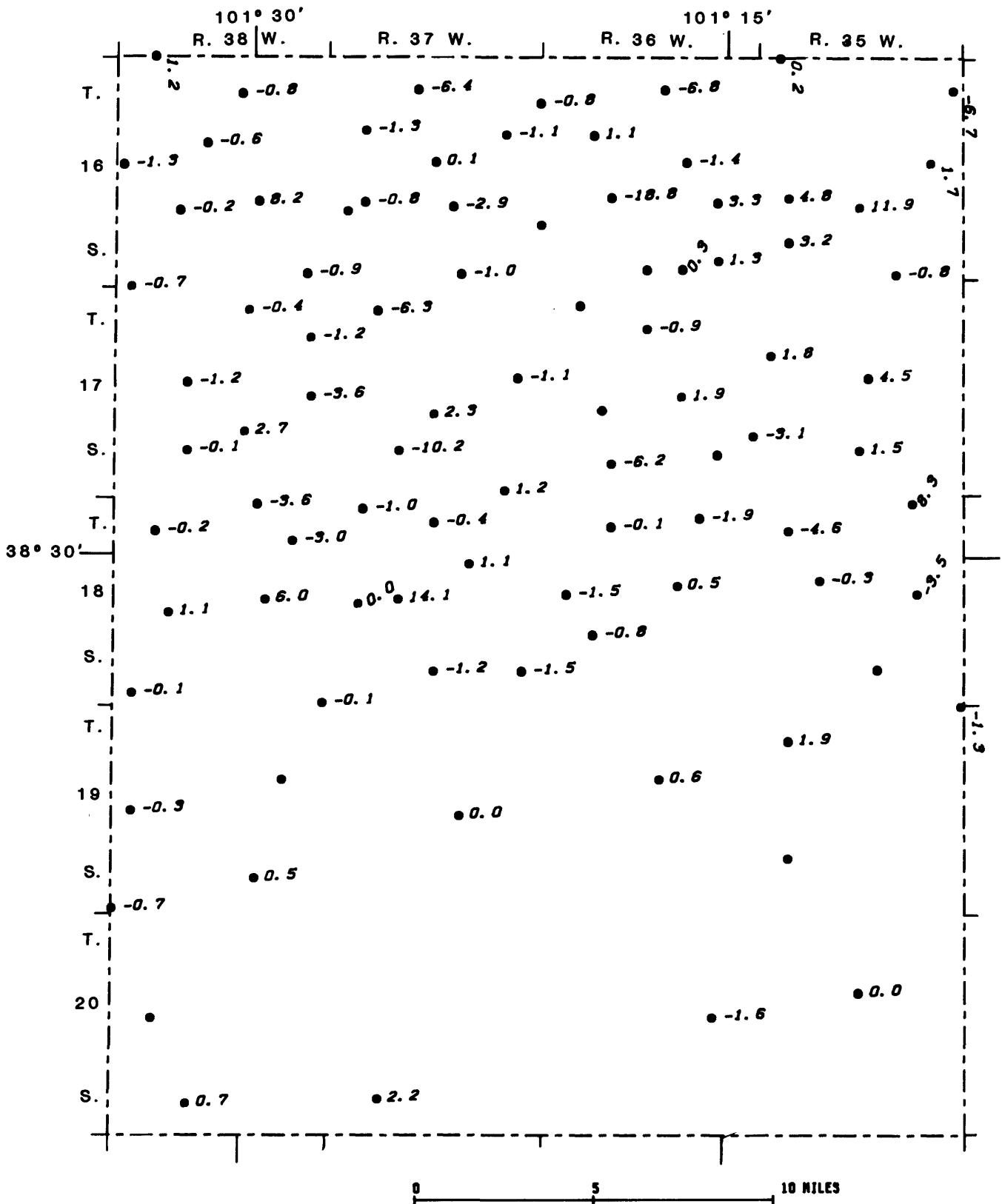
WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE (FEET/YEAR)		SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
						1950-83	1966-83			
16S 35W 010CD 01	TO	94.4	-16	-14.8	-6.7	-0.5	-0.9	31	15	-52
16S 35W 06AAB 01	TO	82.6	-12	-1.1	.2	-0.4	-0.1	47	35	-26
16S 35W 13CCC 01	TO	157.6	-40	-31.0	1.7	-1.2	-1.8	52	12	-77
16S 35W 20CCC 01	TO	157.2	-54	-32.5	4.8	-1.6	-1.9	86	32	-63
16S 35W 27BBC 01	TO	156.7	-50	-34.7	11.9	-1.5	-2.0	59	9	-85
16S 35W 32BBC 01	TO	146.8	-49		3.2	-1.5			3	-94
16S 36W 030CC 01	TO	135.2	-48		-6.8	-1.5		51	27	-55
16S 36W 078CB 01	TO	113.2	-33	-21.4	-0.6	-1.0	-1.3	60	64	-45
16S 36W 14CCD 01	TO	140.3	-52	-25.6	-1.4	-1.6	-1.5	116	21	-72
16S 36W 17ABC 01	TO	136.4	-53	-37.9	1.1	-1.6	-2.2	74	34	-72
16S 36W 21CCC 01	TO	171.2	-87	-71.3	-18.8	-2.6	-4.2	121	54	-50
16S 36W 25B88 01	TO	148.4	-53	-27.8	3.3	-1.6	-1.6	107	65	-50
16S 36W 30CBC 01	TO	153.0	-66	-43.7		-2.0	-2.6	131	64	-60
16S 36W 34CCC 01	TO									
16S 36W 35CCC 01	TO	137.5	-43	-31.3	.3	-1.3	-1.8	106	64	-60
16S 36W 36CBC 01	TO	132.5	-42	-27.1	1.3	-1.3	-1.6	109	68	-38
16S 37W 040CC 01	TO	129.3	-49		-6.4	-1.5		69	20	-71
16S 37W 13BBC 01	TO	128.3	-50	-35.6	-1.1	-1.5	-2.1	73	23	-68
16S 37W 15CCC 01	TO	148.0	-65	-41.3	.1	-2.0	-2.4	121	56	-54
16S 37W 17B88 01	TO	143.7	-58	-42.7	-1.3	-1.8	-2.5	108	50	-54
16S 37W 27ABC 01	TO	153.2	-65	-41.3	-2.9	-2.0	-2.4	122	57	-53
16S 37W 29B88 01	TO	151.4	-65	-47.6	-0.8	-2.0	-2.8	135	68	-49
16S 37W 30ACB 01	TO									
16S 38W 05B88 01	TO	150.3	-63	-46.3	1.2	-1.9	-2.7	135	72	-47
16S 38W 10A88 01	TO	145.2	-62	-48.8	-0.8	-1.9	-2.9	125	63	-50
16S 38W 16ACC 01	TO	139.5	-66	-49.3	-0.6	-2.0	-2.9	141	76	-46
16S 38W 19B8A 01	TO	126.8	-47		-1.3	-1.4		100	53	-47
16S 38W 26B88 01	TO	137.7	-63	-25.7	8.2	-1.9	-1.5	122	59	-52
16S 38W 29A08 01	TO	133.3	-53	-41.0	-0.2	-1.6	-2.4	100	47	-53
17S 35W 02B88 01	TO	150.1	-41		-0.8	-1.2		80	39	-51
17S 35W 15CDC 01	TO	131.9	-34	-21.9	4.5	-1.0	-1.3	106	72	-32
17S 35W 18ACB 01	TO	144.0	-47	-33.2	1.8	-1.4	-2.0	98	51	-48
17S 35W 27CCC 01	TO	148.0	-57	-36.4	1.5	-1.7	-2.3	119	62	-48
17S 35W 30CB8 01	TO	172.5	-79	-45.9	-3.1	-2.4	-2.7	124	46	-63
17S 36W 05CCD 01	TO									
17S 36W 10CB8 01	QA,10	56.5	-28		-0.9	-0.8		68	41	-40
17S 36W 20D08 01	TO									
17S 36W 23BCC 01	TO	159.2	-58	-32.9	1.9	-1.8	-1.9	128	70	-45
17S 36W 33B8C 01	TO	149.2	-51	-35.9	-6.2	-1.5	-2.1	110	59	-46
17S 36W 36B88 01	TO	161.1	-67	-36.0		-2.0	-2.1	122	55	-55

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
17S 37W 03AAB 01	TO	136.5	-48	-32.5	-1.0	-1.5	-1.9	95	48	-49
17S 37W 08BA 01	TO	141.2	-57	-40.0	-6.3	-1.7	-2.4	112	55	-51
17S 37W 13CDD 01	TO	104.2	-34	-1.1	-1.1	-1.0	-1.0	105	71	-32
17S 37W 22CCC 01	TO	132.8	-41	-28.4	2.3	-1.2	-1.7	103	62	-40
17S 37W 28CCC 01	TO	151.7	-67	-53.3	-10.2	-2.0	-3.1	105	38	-64
17S 38W 019AA 01	TO	127.7	-43	-19.3	-9	-1.3	-1.1	100	57	-43
17S 38W 06EOD 01	TO	109.0	-23	-21.7	-7	-7	-1.3	59	36	-39
17S 38W 10AAB 01	TO	120.1	-37	-4	-4	-1.1	-1.3	127	90	-29
17S 38W 12OCB 01	TO	54.4	-33	-28.3	-1.2	-1.0	-1.7	103	70	-32
17S 32W 21PBB 01	TO	127.7	-28	-27.3	-1.2	-8	-1.6	65	37	-43
17S 38W 24ACC 01	TO	129.0	-43	-24.5	-3.6	-1.3	-1.4	124	81	-35
17S 38W 27ACD 01	TO	137.9	-43	2.7	2.7	-1.3	-1.3	79	36	-54
17S 38W 28CCC 01	TO	143.9	-39	-30.3	-1	-1.2	-1.8	85	46	-46
18S 35W 02ACC 01	TO	128.1	-40	-24.1	8.3	-1.2	-1.4	82	42	-49
18S 35W 08BEC 02	TO	144.6	-63	-4.6	-4.6	-1.9	-1.9	104	41	-61
18S 35W 14DCD 01	TO	117.5	-38	-26.4	-3.5	-1.2	-1.6	57	20	-65
18S 35W 17GAA 01	TO	131.0	-45	-3	-3	-1.4	-1.4	78	33	-58
18S 35W 34ABB 01	TO	118.2	-33	-20.3	-1.9	-1.0	-1.2	58	25	-57
18S 36W 02DCB 01	TO	131.9	-42	-27.9	-1.9	-1.3	-1.6	108	66	-39
18S 36W 09BBB 01	TO	136.2	-55	-35.2	-1	-1.7	-2.1	114	59	-48
18S 36W 150AD 01	TO	87.0	-27	5	5	-8	-2.4	105	78	-26
18S 36W 18DDC 01	TO	131.5	-50	-41.5	-1.5	-1.5	-2.4	92	43	-53
18S 36W 29ABB 01	TO	123.3	-38	-31.0	-8	-1.2	-1.8	86	48	-44
18S 37W 01BBB 01	TO	137.6	-58	-29.2	1.2	-1.8	-1.7	94	36	-62
18S 37W 03CCC 01	TO	147.4	-57	-4	-4	-1.7	-1.6	111	54	-51
18S 37W 05CBB 01	TO	153.0	-64	-1.0	-1.0	-1.9	-1.1	107	43	-60
18S 37W 14BBB 01	TO	133.8	-61	1.1	1.1	-1.8	-2.6	117	56	-52
18S 37W 19AAD 01	TO	143.0	-57	-34.5	0.0	-1.7	-2.0	81	24	-70
18S 37W 21BBB 01	TO	154.6	-70	-41.0	14.1	-2.1	-2.4	90	20	-78
18S 37W 34BBB 01	TO	98.3	-36	-27.6	-1.2	-1.1	-1.6	68	32	-53
18S 37W 36ABB 01	TO	108.8	-33	-19.5	-1.5	-1.0	-1.1	79	46	-42
18S 38W 02BCC 01	TO	159.4	-64	-43.7	-3.6	-1.9	-2.6	104	40	-62
18S 38W 08BB 01	TO	131.9	-50	-2	-2	-1.5	-2.6	100	50	-50
18S 38W 12BCC 01	TO	161.5	-71	-44.1	-3.0	-2.2	-2.6	111	41	-63
18S 38W 20ACC 02	TO	130.2	-40	-21.5	1.1	-1.2	-1.3	79	39	-51
18S 32W 23BAB 01	QA, TO	39.8	-17	6.0	6.0	-5	-9	85	68	-20
18S 38W 310BC 01	TO	123.8	-15	-15.1	-1	-5	-9	39	24	-38
18S 38W 36DD 01	TO	83.1	-5	-7	-7	-2	-9	51	46	-10
19S 35W 01AAA 01	TO	115.3	-32	-15.1	-1.3	-1.0	-9	51	19	-63
19S 35W 08BBB 01	TO	95.2	-32	1.9	1.9	-3	-9	50	40	-20

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1983 (FEET)	WATER-LEVEL CHANGE 1950-83 (FEET)	WATER-LEVEL CHANGE 1966-83 (FEET)	WATER-LEVEL CHANGE 1982-83 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-83 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-83 (FEET/YEAR)	SATURATED THICKNESS IN 1950 (FEET)	SATURATED THICKNESS IN 1983 (FEET)	PERCENTAGE CHANGE IN SATURATED THICKNESS 1950-83
19S 35W 29BCB 01	TO									
19S 36W 15BAA 01	TO	77.3	-6		.6	-.2		41	35	-15
19S 37W 22AAB 01	TO	102.8	-5		0.0	-.2		40	35	-13
19S 38W 14AAB 01	TO	110.4	-15			-.5		65	50	-23
19S 38W 18DCC 01	TO	124.4	-4		-.3	-.1		60	56	-7
19S 38W 26CCB 01	TO	102.7	-7		.5	-.2		77	70	-9
19S 38W 31CBC 01	TO	139.5	1		-.7			65	66	2
20S 35W 15888 01	TO	68.0			0.0					
20S 36W 14DAD 01	TO	98.4	-4	-4.2	-1.6	-.1	-.2	14	10	-29
20S 37W 29DCC 01	TO	110.7	-13		2.2	-.4		41	28	-32
20S 38W 17CBD 01	TO									
20S 38W 33BBA 01	TO	140.6	-15	-6.6	.7	-.5	-.4	79	64	-19



WATER-LEVEL CHANGE IN WICHITA COUNTY, 1982-83