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**HYDROLOGIC AND SUSPENDED-  
SEDIMENT DATA FOR REELFOOT  
LAKE, OBION AND LAKE COUNTIES,  
NORTHWESTERN TENNESSEE,  
MAY 1985-SEPTEMBER 1986**



Prepared in cooperation with the  
**TENNESSEE WILDLIFE RESOURCES AGENCY**

and the

**TENNESSEE DEPARTMENT OF HEALTH AND  
ENVIRONMENT, OFFICE OF WATER MANAGEMENT**

**U.S. GEOLOGICAL SURVEY**

Open-File Report 88-170



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**by Jerry W. Garrett**

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**Nashville, Tennessee  
1988**

DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

U.S. GEOLOGICAL SURVEY

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## CONVERSION FACTORS

For readers who may prefer to use International System of Units (SI) rather than the inch-pound units used herein, the conversion factors are listed below:

<i>Multiply</i>	<i>By</i>	<i>To obtain</i>
inch (in.)	25.40	millimeter (mm)
ton, short	0.9072	megagram (Mg)
square mile (mi <sup>2</sup> )	2.590	square kilometer (km <sup>2</sup> )
cubic foot per second (ft <sup>3</sup> /s)	0.02832	cubic meter per second (m <sup>3</sup> /s)
cubic foot per second per square mile [(ft <sup>3</sup> /s)/mi <sup>2</sup> ]	0.01093	cubic meter per second per square kilometer [(m <sup>3</sup> /s)/km <sup>2</sup> ]

# HYDROLOGIC AND SUSPENDED-SEDIMENT DATA FOR REELFOOT LAKE, OBION AND LAKE COUNTIES, NORTHWESTERN TENNESSEE, MAY 1985-SEPTEMBER 1986

By Jerry W. Garrett

## ABSTRACT

Hydrologic data for Reelfoot Lake in Obion and Lake Counties, Tennessee, were collected at 4 surface-water inflow stations, 1 outflow station, 2 rainfall stations, 2 lake elevation stations, and 29 wells for the period May 1, 1985 through September 30, 1986. Additionally, suspended-sediment data were collected at three stations on two of the major tributaries to the lake. These data are presented herein.

## INTRODUCTION

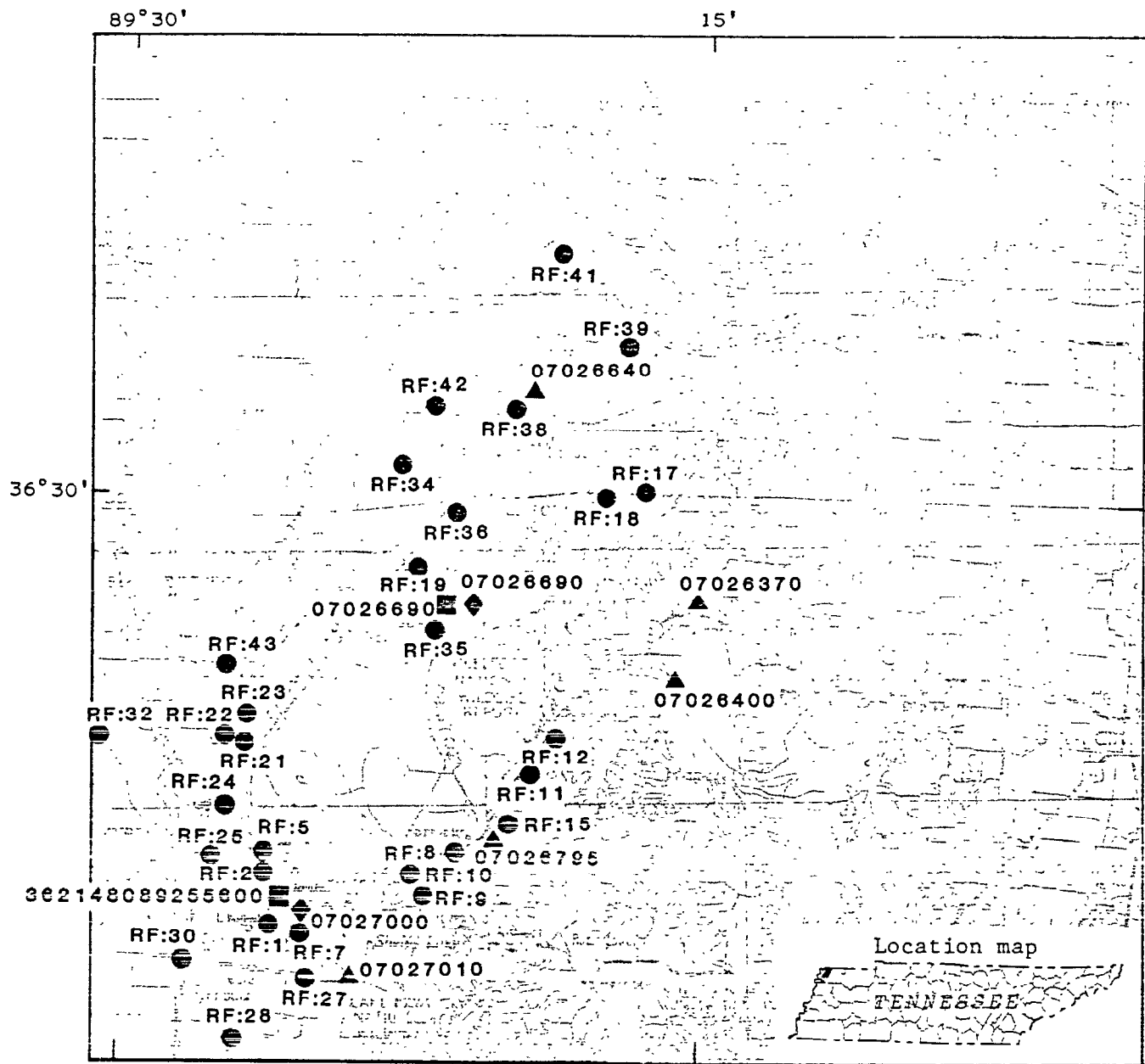
Reelfoot Lake, the largest natural lake in Tennessee, is located within Obion and Lake Counties in the northwest corner of the State (fig. 1). The lake is an important natural resource with economic, recreational and environmental value to the people in the surrounding area, Tennessee, and adjoining states. Reelfoot Lake is a winter home for several hundred eagles and many species of ducks and geese each year. Two national wildlife refuges located in the Reelfoot area are managed by the U.S. Fish and Wildlife Service. In addition to the national wildlife refuges, a large wildlife management area is operated by the refuge administered by the Tennessee Wildlife Resources Agency.

Several investigations have shown that Reelfoot Lake is in an advanced state of eutrophication, and is characterized as having a poor quality of water. Most of the problems occurring at Reelfoot Lake are a direct result of the high sediment loads entering Reelfoot Lake each year. Alternatives to remedy the problems are being considered, including the construction of silt retention reservoirs and seasonal water-level fluctuations at the lake. The U.S. Geological Survey, in cooperation with the Tennessee Wildlife Resources Agency and the Tennessee Department of Health and Environment, began in 1984 a study to investigate potential effects of management alternatives on the lake's hydraulic system.

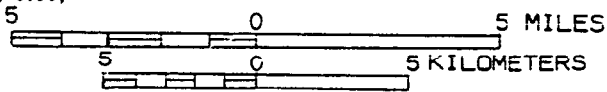
The project included the collection of significant amounts of data. This report presents the data collected as part of the project during 1985 and 1986.

## DESCRIPTION OF AREA

Reelfoot Lake covers approximately 24.2 mi<sup>2</sup> at a normal pool elevation of 282.2 feet above National Geodetic Vertical Datum of 1929 (NGVD of 1929) and has a drainage area of 240 mi<sup>2</sup>, including a small area in Kentucky. The lake lies within the Mississippi embayment section of the Gulf Coastal Plain.



Base from U.S. Geological Survey, 1:250,000, SCALE 1:250,000  
 Dyersburg, Tenn., Ky., Mo., Ill., 1956,  
 revised 1970



CONTOUR INTERVAL 100 FEET

**EXPLANATION**

- ▲ 07026370 Streamflow monitoring station and number
- ◆ 07027000 Lake-stage monitoring station and number
- RF:24 Ground-water observation well and number
- 07026690 Rainfall monitoring station and number

Figure 1.--Location of project area, Reelfoot Lake, streamflow monitoring stations, lake-stage monitoring stations, ground-water observation wells, and rainfall monitoring stations.

Three major tributaries, Reelfoot Creek, Indian Creek, and Running Slough, provide inflow to the lake, while Running Reelfoot Bayou provides the only major outflow from the lake. Topographically, the area is characterized by several prominent physiographic features: Reelfoot Lake, the Mississippi River and flood plain, a bluff line which bisects the basin along a northeast-southwest axis, and uplands east of the bluffs.

stage data were collected at two sites (fig. 1). Suspended-sediment samples were collected manually and by automatic samplers at three sites on two of the major tributary inflow streams. Periodic observations of ground-water levels were made at 29 wells in the Reelfoot Lake basin (fig. 1). Monitoring sites and types of data collected at each site are presented in table 1.

### APPROACH

Continuous streamflow data were collected at four sites on the three major tributaries to Reelfoot Lake and at one site on the lake outflow channel (fig. 1). Daily rainfall and lake-

Daily streamflow and sediment-discharge data are shown in tables 2 through 9; daily rainfall accumulation and lake-stage data are shown in tables 10 through 13; and ground-water data are shown in graphical form in figures 2 through 30.

### EXPLANATION OF DATA

Table 1.--Monitoring sites and types of data collected  
[Q, continuous streamflow; SS, suspended sediment; P, precipitation; S, lake stage]

Number	Station Name	Type of data collected			
		Q	SS	P	S
07026370	North Reelfoot Creek at Hwy. 22, near Clayton, Tenn.	X	X		
07026400	South Reelfoot Creek near Clayton, Tenn.	X	X		
07026640	Running Slough near Ledford, Ky.	X	X		
07026690	Reelfoot Lake near Phillippy, Tenn.			X	X
07026795	Indian Creek near Samburg, Tenn.	X			
362148 0892556	Blue Bank rain gage at Blue Bank, Tenn.			X	
07027000	Reelfoot Lake near Tiptonville, Tenn.				X
07027010	Running Reelfoot Bayou near Owl City, Tenn.	X			

Wells at which periodic water levels were observed (fig. 1):

RF:1	RF:10	RF:17	RF:22	RF:27	RF:34	RF:39
RF:2	RF:11	RF:18	RF:23	RF:28	RF:35	RF:41
RF:5	RF:12	RF:19	RF:24	RF:30	RF:36	RF:42
RF:7	RF:15	RF:21	RF:25	RF:32	RF:38	RF:43
RF:8						



## SELECTED REFERENCES

- Lowery, J.F., Counts, P.H., Edmiston, H.L., and Edwards, F.D., 1986, Water resources data, Tennessee, water year 1985: U.S. Geological Survey Water-Data Report TN-85-1, 411 p.
- Lowery, J.F., Counts, P.H., Edmiston, H.L., and Edwards, F.D., 1987, Water resources data, Tennessee, water year 1986: U.S. Geological Survey Water-Data Report TN-86-1, 330 p.
- Robbins, C.H., 1985, Water budget and estimated suspended-sediment inflow for Reelfoot Lake, Obion and Lake Counties, northwestern Tennessee, May 1984-April 1985: U.S. Geological Survey Water-Resources Investigations Report 85-4284, 1 sheet.
- Robbins, C.H., Garrett, J.W., and Mulderink, D.M., 1985, May 1984-1985 water budget of Reelfoot Lake with estimates of sediment inflow and concentrations of pesticides in bottom material in tributary stream--Basic data report: U.S. Geological Survey Open-File Report 85-498, 37 p.

**HYDROLOGIC DATA**

Table 2.--Daily discharge for streamflow station 07026370 North Reelfoot Creek at Hwy. 22, near Clayton, Tenn.

Location.--Lat 36 27'50", long 89 15'13", Obion County, Hydrologic Unit 08010202, on left bank on upstream side of bridge on State Highway 22, 0.9 mile northwest of Clayton, 9.9 miles west of intersection of State Highways 22 and 5, and 11.8 miles northeast of the spillway at Reelfoot Lake.

Drainage area.--56.3 mi<sup>2</sup>.

Mean daily discharge, in cubic feet per second, May 1985 to April 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	606	6.1	76	0.23	1.5	1.1	124	151	8.1	8.2	5.9	12
2	414	4.8	148	.19	.91	.75	67	103	7.9	607	6.0	11
3	261	3.6	51	.13	.61	.44	36	59	8.2	977	5.6	10
4	134	2.9	26	.09	.36	.31	21	38	8.1	701	4.8	9.1
5	76	2.0	309	322	33	.23	15	29	7.2	407	4.6	18
6	48	3.2	1370	410	16	.18	11	22	6.8	392	4.3	15
7	43	6.7	643	257	13	.13	9.5	17	6.9	327	3.6	23
8	44	3.9	337	171	8.5	.08	7.9	15	5.8	281	3.1	496
9	26	2.8	316	71	6.0	.05	7.4	13	5.3	153	3.0	173
10	20	187	315	43	4.2	.03	7.2	12	5.3	68	3.4	73
11	17	675	284	33	2.9	.03	6.6	112	5.4	41	3.2	53
12	17	316	223	26	27	.03	7.1	79	5.9	29	654	36
13	28	129	88	15	72	.24	8.9	51	5.8	22	329	26
14	31	64	42	9.5	46	54	7.9	32	5.5	74	228	21
15	55	38	28	37	3.9	7.4	7.4	23	5.6	94	101	17
16	25	26	18	131	.71	.58	113	20	5.7	225	52	16
17	17	73	12	33	.42	.17	51	19	6.3	239	33	15
18	14	39	8.6	21	.42	.20	33	16	37	125	233	15
19	10	22	6.3	24	.42	.22	21	14	98	65	183	15
20	7.5	16	4.8	60	.42	185	36	12	51	40	77	17
21	5.2	11	3.8	53	.42	145	28	11	36	27	45	17
22	162	65	2.9	37	.42	69	19	11	25	20	32	15
23	131	33	2.4	18	.77	221	15	12	18	17	25	14
24	71	19	2.0	447	3.7	155	12	12	16	14	20	12
25	41	13	1.6	191	.98	79	11	9.1	15	12	18	11
26	28	9.1	2.5	66	2.1	32	66	8.0	12	11	17	9.2
27	20	6.7	1.4	23	1.4	16	576	8.0	9.1	9.2	16	7.8
28	16	7.1	1.0	12	.73	11	277	8.0	8.6	7.2	15	7.7
29	13	5.4	.71	6.7	.41	8.7	129	8.2	9.3	---	15	6.2
30	10	7.3	.51	4.1	.42	100	72	7.7	8.4	---	14	5.2
31	8.3	---	.32	2.8	---	110	---	8.8	7.9	---	13	---
TOTAL	2399.0	1797.6	4324.84	2524.74	249.62	1197.87	1802.9	940.8	461.1	4992.6	2167.5	1176.2
MEAN	77.4	59.9	140	81.4	8.32	38.6	60.1	30.3	14.9	178	69.9	39.2
MAX	606	675	1370	447	72	221	576	151	98	977	654	496
MIN	5.2	2.0	.32	.09	.36	.03	6.6	7.7	5.3	7.2	3.0	5.2
CFSM	1.37	1.06	2.48	1.45	.15	.69	1.07	.54	.26	3.17	1.24	.70
IN.	1.59	1.19	2.86	1.67	.16	.79	1.19	.62	.30	3.30	1.43	.78

Table 2.--Daily discharge for streamflow station 07026370 North Reelfoot Creek  
at Hwy. 22, near Clayton, Tenn.--Continued

Mean daily discharge, in cubic feet per second, May 1986 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP
1	5.4	101	0.56	9.0	0.00
2	4.8	91	.49	4.1	.00
3	3.6	77	.35	1.7	.00
4	2.9	51	.23	.86	.00
5	2.5	39	.19	.49	.00
6	2.1	32	.15	.34	.00
7	1.8	38	.11	.40	.00
8	1.7	31	.07	.69	.00
9	17	890	.04	.96	.00
10	17	610	.04	.90	.00
11	61	394	.03	.52	.00
12	18	339	.10	.27	.00
13	15	255	20	.15	.00
14	166	121	5.0	.09	.00
15	960	66	8.8	.03	.00
16	368	41	6.9	6.5	.00
17	289	28	3.9	1.1	.00
18	619	19	2.0	.15	15
19	272	14	1.1	.47	41
20	184	11	.57	.02	22
21	79	9.2	.44	.02	8.1
22	44	7.2	.30	.02	1.9
23	32	5.2	.22	.01	.32
24	169	4.1	.15	.01	.16
25	183	2.9	.11	.01	.06
26	289	1.9	.09	.00	.02
27	164	1.3	15	.00	.01
28	76	1.1	.65	.00	.00
29	44	.78	58	.00	.00
30	34	.69	35	.00	.00
31	25	---	18	.00	---
TOTAL	4169.8	3282.37	178.59	28.81	88.57
MEAN	135	109	5.76	.93	2.95
MAX	960	890	58	9.0	41
MIN	1.7	.69	.03	.00	.00
CFSM	2.39	1.94	.10	.02	.05
IN.	2.76	2.17	.12	.02	.06

Table 3.--Daily discharge for streamflow station 07026400 South Reelfoot Creek near Clayton, Tenn.

Location.--Lat 36 26'20", long 89 15'17", Obion County, Hydrologic Unit 08010202, at county road bridge, 1.7 miles above confluence with North Reelfoot Creek, and 2 miles southwest of Clayton.

Drainage area.--38.60 mi<sup>2</sup>.

Mean daily discharge, in cubic feet per second, May 1985 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	896	21	19	2.9	2.5	8.2	83	118	9.9	10	15	14
2	331	23	11	4.5	1.6	4.7	44	55	9.9	519	16	14
3	73	21	.59	3.3	1.0	4.2	25	34	12	562	16	14
4	49	17	2.0	3.4	4.2	4.3	17	28	12	451	15	12
5	38	21	403	182	294	7.2	13	25	10	225	15	32
6	31	37	491	45	41	8.0	12	20	9.7	213	15	20
7	146	54	129	5.0	18	8.8	9.9	18	9.5	168	14	37
8	75	28	30	2.8	11	9.5	8.6	18	6.2	143	13	425
9	34	23	16	3.6	5.9	12	9.1	15	6.4	102	14	123
10	28	15	40	33	3.9	13	14	14	7.7	58	16	88
11	27	610	48	6.6	3.2	16	14	102	8.5	30	15	55
12	32	69	27	.32	.51	18	17	59	9.9	23	591	27
13	31	37	7.3	.50	2.6	21	24	38	9.7	20	193	20
14	26	22	1.7	.51	2.1	142	15	25	9.6	96	146	19
15	48	17	37	119	1.9	81	13	21	8.7	100	105	16
16	21	12	48	236	2.1	42	141	21	9.1	152	65	15
17	20	53	4.4	22	2.8	25	57	21	11	128	33	14
18	21	20	3.0	8.6	3.2	19	44	18	75	72	141	13
19	18	5.6	2.8	4.1	3.0	24	32	15	143	43	106	14
20	19	4.4	2.6	88	3.4	229	58	15	65	29	44	24
21	21	5.6	2.1	10	3.0	83	32	13	39	23	24	21
22	266	32	1.9	4.3	3.0	40	25	16	25	21	21	16
23	51	1.8	1.2	106	3.4	216	20	18	17	20	21	14
24	30	1.1	1.2	542	2.1	176	15	17	16	20	19	13
25	22	1.4	.41	146	3.2	138	14	11	17	18	19	13
26	17	2.4	8.2	43	8.4	109	44	9.9	14	19	18	11
27	15	8.9	9.8	20	3.2	68	334	9.0	6.8	18	17	8.6
28	14	10	1.9	12	3.0	36	128	8.5	6.7	16	16	11
29	14	1.3	1.7	7.6	3.9	25	57	9.4	11	---	16	8.2
30	18	8.1	3.1	5.0	12	39	36	8.3	8.2	---	15	6.6
31	21	---	2.2	1.7	---	89	---	10	8.2	---	15	---
TOTAL	2453	1162.6	1357.10	1668.73	453.11	1715.9	1355.6	810.1	611.7	3299	1789	1118.4
MEAN	79.1	38.8	43.8	53.8	15.1	55.4	45.2	26.1	19.7	118	57.7	37.3
MAX	896	610	491	542	294	229	334	118	143	562	591	425
MIN	14	1.1	.41	.32	.51	4.2	8.6	8.3	6.2	10	13	6.6
CFSM	2.05	1.00	1.13	1.39	.39	1.43	1.17	.68	.51	3.05	1.50	.97
IN.	2.36	1.12	1.31	1.61	.44	1.65	1.31	.78	.59	3.18	1.72	1.08

Table 3.--Daily discharge for streamflow station 07026400 South  
Reelfoot Creek near Clayton, Tenn.--Continued

Mean daily discharge, in cubic feet per second, May 1986 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP
1	8.6	30	2.1	3.1	0.11
2	5.6	47	.90	2.0	.33
3	7.6	91	.58	.73	6.1
4	7.3	79	.36	2.0	.49
5	7.1	66	.31	1.1	.48
6	6.8	77	.25	.60	1.2
7	6.7	160	.20	.27	1.0
8	7.5	88	.18	.16	.35
9	12	973	.14	.39	.15
10	10	349	.17	1.2	.07
11	43	241	.13	.58	.41
12	12	183	2.0	.36	2.0
13	10	150	2.2	.40	.08
14	303	125	13	.32	.03
15	678	108	32	.21	.04
16	168	96	21	2.2	.06
17	118	77	18	.10	.05
18	461	50	18	1.3	83
19	144	33	17	2.5	17
20	102	18	9.0	.96	.08
21	62	11	5.4	.30	.12
22	42	6.8	4.1	.14	.21
23	32	32	3.1	.05	.16
24	117	38	2.1	.04	.26
25	104	20	1.3	.03	.25
26	188	14	.88	.09	.15
27	83	10	1.0	.15	.15
28	50	6.4	2.7	.11	.17
29	36	3.9	9.7	.05	.14
30	26	2.7	13	.05	.07
31	19	---	12	.08	---
TOTAL	2877.2	3185.8	192.80	21.57	114.71
MEAN	92.8	106	6.22	.70	3.82
MAX	678	973	32	3.1	83
MIN	5.6	2.7	.13	.03	.03
CFSM	2.40	2.75	.16	.02	.10
IN.	2.77	3.07	.19	.02	.11

Table 4.--Daily discharge for streamflow station 07026640 Running Slough near Ledford, Ky.

Location.--Lat 36 32'28", long 89 18'59", Fulton County, Hydrologic Unit 08010202, on right bank of county road, 1.1 miles northwest of Ledford.

Drainage area.--10.8 mi<sup>2</sup>.

Mean daily discharge, in cubic feet per second, May 1985 to April 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	164	0.00	3.2	0.00	0.00	0.00	1.5	20	0.00	12	15	2.3
2	157	.00	41	.00	.00	.00	1.3	18	.00	19	15	1.6
3	113	.00	11	.00	.00	.00	1.9	17	.00	59	16	.73
4	79	.00	.40	.00	.00	.00	.81	16	.00	63	17	.19
5	58	.00	.00	.00	.00	.00	.18	16	.00	52	17	.38
6	40	.00	.65	.00	.00	.00	.00	17	.00	39	19	.73
7	25	.00	8.8	.00	.00	.00	.00	18	.00	31	17	.86
8	13	.00	2.3	.00	.00	.00	.00	18	.00	21	16	3.1
9	5.3	.00	.19	.00	.00	.00	.00	19	.00	14	14	3.1
10	2.4	.00	.00	.00	.00	.00	.00	19	.00	11	13	1.5
11	1.3	6.1	.00	.00	.00	.00	.00	21	.00	11	14	.46
12	1.9	24	.00	.00	.00	.00	.00	26	.00	12	47	2.6
13	3.0	13	.00	.00	.00	.00	.00	26	8.8	11	49	4.0
14	1.5	2.6	.00	.00	.00	.00	.00	21	10	12	36	4.7
15	1.5	.05	.00	.00	.00	.00	.00	19	4.1	11	24	3.6
16	13	.00	.00	.00	.00	.00	.00	17	4.9	23	15	2.4
17	8.4	1.3	.00	.00	.00	.00	.00	17	3.8	36	12	2.2
18	1.5	7.3	.00	.00	.00	.00	.00	15	4.4	33	12	1.9
19	.04	5.3	.00	.00	.00	.00	.00	10	6.1	24	25	1.6
20	.00	1.2	.00	.00	.00	.00	.00	6.1	9.5	15	25	1.5
21	.00	.07	.00	.00	.00	.00	.00	4.0	9.3	10	15	1.5
22	14	.31	.00	.00	.00	.00	.00	4.0	7.7	10	11	1.3
23	25	.94	.00	.00	.00	.00	.00	6.1	8.3	11	7.5	.90
24	14	1.5	.00	.00	.00	.00	.00	6.6	7.4	11	6.2	.38
25	4.4	.56	.00	.00	.00	.00	.00	3.6	6.7	13	5.5	4.4
26	.66	.00	.00	.00	.00	.00	4.4	1.6	6.3	15	4.9	3.5
27	.13	.00	.00	.00	.00	.00	19	.97	6.2	16	5.4	3.4
28	.00	.00	.00	.00	.00	.00	28	.74	7.6	16	5.4	1.9
29	.00	.00	.00	.00	.00	.00	25	.00	8.6	---	3.4	1.9
30	.00	.00	.00	.00	.00	.00	21	.00	8.8	---	3.1	2.3
31	.00	---	.00	.00	---	.62	---	.00	10	---	2.7	---
TOTAL	747.33	64.23	67.54	.00	.00	.62	103.09	383.71	138.50	611	483.1	60.93
MEAN	24.1	2.14	2.18	.000	.000	.020	3.44	12.4	4.47	21.8	15.6	2.03
MAX	164	24	41	.00	.00	.62	28	26	10	63	49	4.7
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	10	2.7	.19
CFSM	2.23	.20	.20	.00	.00	.00	.32	1.15	.41	2.02	1.44	.19
IN.	2.57	.22	.23	.00	.00	.00	.36	1.32	.48	2.10	1.66	.21

Table 4.--Daily discharge for streamflow station 07026640 Running Slough near Ledford, Ky.--Continued

Mean daily discharge, in cubic feet per second, May 1986 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP
1	2.5	0.29	0.00	0.00	0.00
2	2.2	6.9	.00	.00	.00
3	1.4	14	.00	.00	.00
4	.83	4.5	.00	.00	.00
5	1.2	2.1	.00	.00	.00
6	1.2	2.5	.00	.00	.00
7	.59	.63	.00	.00	.00
8	.07	.25	.00	.00	.00
9	.15	40	.00	.00	.00
10	.98	88	.00	.00	.00
11	1.7	74	.00	.00	.00
12	1.4	44	.00	.00	.00
13	4.4	21	.00	.00	.00
14	21	6.6	.00	.00	.00
15	230	1.8	.00	.00	.00
16	197	.88	.00	.00	.00
17	140	.24	.00	.00	.00
18	136	.00	.00	.00	.00
19	103	.00	.00	.00	.00
20	72	.00	.00	.00	.00
21	50	.00	.00	.00	.00
22	33	.00	.00	.00	.00
23	20	.00	.00	.00	.00
24	17	.02	.00	.00	.00
25	40	.00	.00	.00	.00
26	105	.00	.00	.00	.00
27	80	.00	.00	.00	.00
28	44	.00	.00	.00	.00
29	22	.00	.00	.00	.00
30	8.0	.00	.00	.00	.00
31	1.6	---	.00	.00	---
TOTAL	1338.22	307.71	.00	.00	.00
MEAN	43.2	10.3	.000	.000	.000
MAX	230	88	.00	.00	.00
MIN	.07	.00	.00	.00	.00
CFSM	4.00	.95	.00	.00	.00
IN.	4.61	1.06	.00	.00	.00



Table 5.--Daily discharge for streamflow station 07026795 Indian Creek near Samburg, Tenn.

Location.--Lat 36 22'59", long 89 20'32", Obion County, Hydrologic Unit 08010202, on left bank upstream from county road bridge, 0.6 mile northeast of the four-way stop on State Highway 22 in Samburg.

Drainage area.--8.01 mi<sup>2</sup>.

Mean daily discharge, in cubic feet per second, May 1985 to March 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
1	185	2.5	1.4	0.53	0.71	1.2	5.2	16	2.3	2.6	2.8
2	36	2.4	1.4	.47	.67	.98	3.3	5.9	2.1	96	3.1
3	13	2.1	1.3	.40	.66	1.0	2.6	4.4	2.2	72	3.0
4	8.1	2.0	1.3	.49	.69	1.1	2.2	4.1	2.3	77	2.8
5	6.2	2.0	14	11	19	1.1	2.0	3.8	2.1	15	2.9
6	4.7	4.4	5.5	.83	1.4	1.0	2.0	3.2	2.0	15	2.9
7	101	3.5	1.5	.61	1.1	1.1	1.9	3.1	2.1	8.4	2.6
8	18	2.1	1.2	.48	.94	1.1	1.8	3.0	1.7	6.8	2.5
9	8.3	1.7	1.1	.43	.93	1.1	1.8	3.0	1.8	5.4	2.9
10	6.5	18	1.1	.78	.92	1.2	2.0	2.8	1.9	4.9	3.5
11	5.5	60	1.1	.68	.95	1.2	2.2	15	2.0	4.5	2.9
12	5.5	13	1.1	.45	.98	1.1	2.7	6.6	2.1	4.1	56
13	4.4	4.4	1.0	.37	.86	3.0	3.7	5.0	2.1	3.8	14
14	6.1	3.3	.94	.35	.86	24	2.5	3.5	2.0	15	8.5
15	6.7	2.8	1.2	14	.96	3.1	2.4	3.4	2.0	9.2	6.4
16	3.7	2.4	1.6	4.9	.95	1.5	24	3.4	2.0	20	5.3
17	3.4	6.1	.88	1.2	.95	1.4	5.5	3.4	2.3	15	4.8
18	3.2	4.3	.81	.85	.90	1.4	4.6	2.9	18	8.4	43
19	2.9	2.3	.79	.78	.88	2.0	4.0	2.3	16	6.6	17
20	2.7	1.9	.79	.79	.83	25	8.9	2.6	5.0	5.4	8.4
21	2.9	1.6	.75	.74	.83	3.4	4.5	2.4	4.0	4.5	6.9
22	56	7.0	.72	.72	.86	2.1	3.9	2.7	3.2	4.2	6.1
23	12	2.0	.71	5.7	1.0	44	3.4	3.0	2.8	3.8	5.9
24	7.0	1.6	.67	29	1.1	8.2	3.2	2.7	2.9	3.9	5.2
25	5.1	1.5	.64	9.6	1.3	2.8	3.1	2.0	3.1	3.5	5.0
26	4.0	1.5	1.1	1.4	1.3	2.2	6.4	2.0	2.9	3.7	4.9
27	3.5	3.1	.77	.99	.79	2.0	40	2.3	2.5	3.4	4.5
28	3.2	2.2	.60	.86	.74	1.8	9.7	2.4	2.5	2.9	4.3
29	3.1	1.5	.58	.82	.71	1.9	6.0	2.3	2.8	---	4.1
30	2.8	1.4	.57	.79	2.0	3.0	4.7	2.2	2.4	---	3.6
31	2.7	---	.55	.74	---	17	---	2.5	2.5	---	3.5
TOTAL	533.2	164.6	47.67	91.75	46.77	162.98	170.2	123.9	105.6	425.0	249.3
MEAN	17.2	5.49	1.54	2.96	1.56	5.26	5.67	4.00	3.41	15.2	8.04
MAX	185	60	14	29	19	44	40	16	18	96	56
MIN	2.7	1.4	.55	.35	.66	.98	1.8	2.0	1.7	2.6	2.5
CFSM	2.15	.68	.19	.37	.19	.66	.71	.50	.43	1.89	1.00
IN.	2.48	.76	.22	.43	.22	.76	.79	.58	.49	1.97	1.16

Table 6.--Daily discharge for streamflow station 07027010 Running Reelfoot Bayou near Owl City, Tenn.

Location.--Lat 36 19'53", long 89 24'02", Obion County, Hydrologic Unit 08010202, at bridge on county road, 1.5 miles downstream of the spillway at Reelfoot Lake, and 1.6 miles east of Owl City.

Drainage area.--247 mi<sup>2</sup>.

Mean daily discharge, in cubic feet per second, May 1985 to April 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	1250	630	338	2.5	2.5	0.83	9.1	25	41	176	129	4.5
2	1470	588	326	2.6	2.4	.81	7.0	9.7	40	364	29	4.5
3	1450	561	313	2.2	2.3	1.0	6.3	8.6	39	700	22	4.0
4	1420	541	304	2.2	2.3	.90	6.3	8.1	34	1090	17	3.8
5	1380	529	340	7.2	20	.98	6.4	7.5	33	1060	16	7.0
6	1330	527	411	3.3	2.2	.93	6.3	7.5	28	1090	15	5.2
7	1360	502	298	2.0	2.0	.99	6.3	7.0	23	1050	13	30
8	1380	479	298	1.9	1.8	1.4	6.1	7.0	14	1060	20	523
9	1030	456	246	2.8	1.7	1.3	6.1	6.1	15	1030	16	503
10	396	382	8.0	4.4	1.6	1.6	5.8	5.6	15	1030	13	478
11	359	442	3.4	3.8	1.4	1.6	7.3	19	15	961	12	396
12	343	370	3.0	3.1	1.6	2.0	6.8	12	14	858	509	331
13	335	322	2.4	2.7	2.0	2.4	7.3	19	15	800	657	320
14	277	320	2.6	2.5	1.3	41	5.6	15	14	815	690	142
15	251	323	2.7	22	1.3	13	5.8	9.8	13	811	684	8.0
16	316	322	2.7	11	1.3	2.6	62	10	13	772	680	9.3
17	315	370	2.5	3.8	1.5	2.6	6.5	33	14	762	642	8.6
18	297	501	2.6	2.5	2.2	2.8	6.5	72	39	755	652	7.8
19	277	487	2.6	2.4	1.6	3.0	6.1	61	58	739	656	7.5
20	261	475	2.6	2.3	3.3	33	6.5	92	22	707	661	14
21	251	461	2.5	3.1	2.3	7.9	6.5	129	19	705	624	16
22	528	462	2.4	1.6	1.9	4.7	6.8	129	34	654	561	30
23	454	439	2.8	18	1.6	249	6.8	129	32	605	522	73
24	431	422	2.5	66	1.5	98	6.5	128	26	587	508	36
25	511	412	2.5	4.9	1.2	6.6	6.5	103	30	551	472	6.1
26	471	405	2.6	2.7	1.2	5.1	6.3	103	49	501	436	5.5
27	778	413	2.7	2.8	1.3	6.3	82	147	62	350	220	4.3
28	837	385	2.6	2.7	1.2	7.4	19	161	18	165	7.4	3.8
29	781	367	2.6	2.8	1.1	7.1	13	50	23	---	6.8	3.5
30	719	351	2.7	2.8	1.5	7.2	9.4	42	28	---	6.5	3.3
31	665	---	2.6	2.6	---	34	---	42	46	---	5.6	---
TOTAL	21923	13244	2937.6	197.2	71.3	548.04	348.9	1597.9	866	20746	9502.3	2988.6
MEAN	707	441	94.8	6.36	2.38	17.7	11.6	51.5	27.9	741	307	99.6
MAX	1470	630	411	66	20	249	82	161	62	1090	690	523
MIN	251	320	2.4	1.6	1.1	.81	5.6	5.6	13	165	5.6	3.3
CFSH	2.86	1.79	.38	.03	.01	.07	.05	.21	.11	3.00	1.24	.40
IN.	3.30	1.99	.44	.03	.01	.08	.05	.24	.13	3.12	1.43	.45

Table 6.--Daily discharge for streamflow station 07027010  
Running Reelfoot Bayou near Owl City, Tenn.--Continued

Mean daily discharge, in cubic feet per second, May 1986 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP
1	4.5	577	5.4	4.5	3.0
2	5.7	620	5.8	4.5	3.0
3	4.5	301	5.6	3.8	3.0
4	4.0	97	5.6	3.8	3.0
5	3.4	217	5.8	3.3	2.8
6	2.8	226	5.8	3.3	3.0
7	6.1	209	5.8	3.4	2.8
8	7.0	245	5.8	3.3	2.7
9	7.4	888	5.6	3.3	2.8
10	9.0	1390	5.6	3.0	2.6
11	17	1390	5.8	3.1	2.7
12	19	1350	5.8	2.8	11
13	16	1100	5.6	2.8	6.4
14	16	725	6.6	3.0	3.6
15	429	666	7.2	3.0	3.3
16	715	631	5.8	3.0	2.3
17	764	607	5.8	2.7	3.6
18	1080	565	5.8	3.0	31
19	1180	461	5.6	2.8	11
20	1400	231	5.6	3.0	3.2
21	1410	32	5.5	2.6	3.0
22	1380	29	5.6	2.9	2.7
23	1250	25	6.1	3.1	2.3
24	799	11	7.3	3.7	2.2
25	743	7.0	7.5	3.7	2.2
26	854	6.3	8.3	3.0	2.2
27	1010	7.7	12	3.7	2.2
28	1270	7.1	6.8	3.5	2.3
29	1270	9.8	6.3	3.3	2.1
30	1120	8.0	5.4	3.1	2.1
31	652	---	4.5	3.0	---
TOTAL	17448.4	12638.9	191.7	101.0	130.1
MEAN	563	421	6.18	3.26	4.34
MAX	1410	1390	12	4.5	31
MIN	2.8	6.3	4.5	2.6	2.1
CFSM	2.28	1.71	.03	.01	.02
IN.	2.63	1.90	.03	.02	.02

Table 7.--Daily suspended-sediment discharge for streamflow station 07026370  
North Reelfoot Creek at Hwy. 22, near Clayton, Tenn.

Suspended-sediment discharge, in tons per day, May to June 1985

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- DISCHARGE (MG/L)	SEDIMENT TRATION (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- DISCHARGE (MG/L)	SEDIMENT TRATION (TONS/DAY)
1	606	1790	3250	6.1	94	1.5
2	414	640	715	4.8	85	1.1
3	261	550	388	3.6	76	.74
4	134	500	181	2.9	68	.53
5	76	450	92	2.0	80	.43
6	48	350	45	3.2	80	.69
7	43	330	49	6.7	110	2.0
8	44	478	62	3.9	70	.74
9	26	230	16	2.8	58	.44
10	20	179	9.7	187	4570	10800
11	17	158	7.3	675	6010	12800
12	17	147	6.7	316	1440	1220
13	28	195	15	129	860	300
14	31	131	11	64	555	96
15	55	374	61	58	420	43
16	25	162	11	26	275	19
17	17	129	5.9	73	4790	1800
18	14	109	4.1	39	1200	126
19	10	95	2.6	22	229	14
20	7.5	80	1.6	16	180	7.8
21	5.2	68	.95	11	150	4.5
22	162	857	479	65	4810	1380
23	131	440	156	33	500	45
24	71	270	52	19	220	11
25	41	230	25	13	172	6.0
26	28	196	15	9.1	134	3.3
27	20	168	9.1	6.7	108	2.0
28	16	142	6.1	7.1	99	1.9
29	13	121	4.2	5.4	138	2.0
30	10	105	2.8	7.3	500	9.9
31	8.3	100	2.2	---	---	---
TOTAL	2399.0	---	5686.25	1797.6	---	28699.57

Table 7.--Daily suspended-sediment discharge for streamflow station 07026370  
North Reelfoot Creek at Hwy. 22, near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, July to September 1985

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	76	3570	1850	.23	29	.02	1.5	49	.21
2	148	2500	1360	.19	21	.01	.91	40	.10
3	51	725	100	.13	18	.00	.61	32	.05
4	26	400	28	.09	12	.00	.36	24	.02
5	309	2430	6250	322	3170	4400	33	357	46
6	1370	2120	8080	410	850	941	16	300	13
7	643	1300	2260	257	400	278	13	280	9.8
8	337	1050	955	171	176	81	8.5	170	3.9
9	316	900	768	71	125	24	6.0	150	2.1
10	315	1270	1170	43	1660	461	4.2	90	1.0
11	284	650	498	33	1500	134	2.9	50	.39
12	223	450	271	26	1450	102	27	1050	203
13	88	300	71	15	1350	55	72	1110	216
14	42	190	22	9.5	590	15	4.5	550	68
15	28	495	50	37	1090	198	3.9	225	2.4
16	18	500	24	131	2820	2720	.71	91	.17
17	12	210	6.8	33	400	36	.42	79	.09
18	8.6	147	3.4	21	150	8.5	.42	65	.07
19	6.3	139	2.4	24	455	61	.42	52	.06
20	4.8	128	1.7	60	625	101	.42	45	.05
21	3.8	115	1.2	53	300	43	.42	41	.05
22	2.9	97	.76	37	190	19	.42	39	.04
23	2.4	80	.52	18	511	40	.77	32	.07
24	2.0	65	.35	447	2360	4210	3.7	40	.40
25	1.6	52	.22	191	850	438	.96	23	.06
26	2.5	68	.46	66	350	62	2.1	50	.28
27	1.4	63	.24	23	170	11	1.4	50	.19
28	1.0	55	.15	12	108	3.5	.73	30	.06
29	.71	45	.09	6.7	65	1.2	.41	28	.03
30	.51	41	.06	4.1	58	.64	.42	22	.02
31	.32	38	.03	2.8	55	.42	---	---	---
TOTAL	4324.84	---	23775.38	2524.74	---	14444.29	249.62	---	567.61

Table 7.--Daily suspended-sediment discharge for streamflow station 07026370  
North Reelfoot Creek at Hwy. 22, near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, October to December 1985

DAY	MEAN DISCHARGE (CFS)	OCTOBER			NOVEMBER			DECEMBER		
		MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	
1	1.1	36	.11	124	376	153	151	565	295	
2	.75	25	.05	67	220	40	103	175	49	
3	.44	20	.02	36	175	17	59	90	14	
4	.31	21	.02	21	148	8.4	38	59	6.1	
5	.23	21	.01	15	135	5.5	29	45	3.5	
6	.18	20	.01	11	123	3.7	22	33	2.0	
7	.13	20	.01	9.5	113	2.9	17	28	1.3	
8	.08	18	.00	7.9	97	2.1	15	25	1.0	
9	.05	17	.00	7.4	90	1.8	13	21	.74	
10	.03	16	.00	7.2	79	1.5	12	21	.68	
11	.03	15	.00	6.6	70	1.2	112	382	172	
12	.03	13	.00	7.1	60	1.2	79	170	36	
13	.24	30	.02	8.9	43	1.0	51	95	13	
14	54	826	179	7.9	35	.75	32	81	7.0	
15	7.4	501	10	7.4	28	.56	23	75	4.7	
16	.58	460	.72	113	537	231	20	68	3.7	
17	.17	425	.20	51	170	23	19	59	3.0	
18	.20	380	.21	33	110	9.8	16	50	2.2	
19	.22	300	.18	21	52	2.9	14	49	1.9	
20	185	1400	1000	36	96	9.3	12	45	1.5	
21	145	685	268	28	59	4.5	11	43	1.3	
22	69	830	155	19	44	2.3	11	36	1.1	
23	221	846	666	15	31	1.3	12	55	1.8	
24	155	425	178	12	25	.81	12	76	2.5	
25	79	220	47	11	18	.53	9.1	51	1.3	
26	32	175	15	66	183	160	8.0	40	.86	
27	16	130	5.6	576	843	1500	8.1	39	.84	
28	11	90	2.7	277	500	374	8.0	33	.71	
29	8.7	75	1.8	129	240	84	8.2	29	.64	
30	100	586	241	72	200	39	7.7	30	.62	
31	110	330	98	---	---	---	8.8	29	.69	
TOTAL	1197.87	---	2868.66	1802.9	---	2683.05	940.9	---	630.68	

Table 7.--Daily suspended-sediment discharge for streamflow station 07026370  
North Reelfoot Creek at Hwy. 22, near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, January to March 1986

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	8.1	28	.61	8.2	19	.42	5.9	57	.91
2	7.9	26	.55	607	3460	9480	6.0	55	.89
3	8.2	25	.55	977	1600	4750	5.6	52	.79
4	8.1	23	.50	701	1430	2770	4.8	50	.65
5	7.2	22	.43	407	1000	1100	4.6	45	.56
6	6.8	23	.42	392	820	868	4.3	43	.50
7	6.9	24	.45	327	700	618	3.6	43	.42
8	5.8	24	.38	281	600	455	3.1	42	.35
9	5.3	24	.34	153	500	207	3.0	41	.33
10	5.3	24	.34	68	190	35	3.4	40	.37
11	5.4	23	.34	41	169	19	3.2	39	.34
12	5.9	21	.33	29	148	12	654	3410	7560
13	5.8	20	.31	22	124	7.4	329	1100	977
14	5.5	20	.30	74	643	171	228	900	554
15	5.6	20	.30	94	610	155	101	750	205
16	5.7	21	.32	225	951	815	52	675	95
17	6.3	25	.43	239	850	549	33	650	58
18	37	646	234	125	400	135	233	1860	2090
19	98	1040	362	65	225	39	183	500	247
20	51	510	45	40	175	19	77	250	52
21	36	150	15	27	142	10	45	175	21
22	25	93	6.3	20	125	6.8	32	155	13
23	18	87	4.2	17	108	5.0	25	151	10
24	16	75	3.2	14	91	3.4	20	147	7.9
25	15	67	2.7	12	79	2.6	16	140	6.8
26	12	62	2.0	11	68	2.0	17	132	6.1
27	9.1	51	1.3	9.2	58	1.4	16	130	5.6
28	8.6	42	.98	7.2	58	1.1	15	128	5.2
29	9.3	30	.75	---	---	---	15	122	4.9
30	8.4	20	.45	---	---	---	14	119	4.5
31	8.0	19	.41	---	---	---	13	115	4.0
TOTAL	461.2	---	683.19	4992.6	---	22237.12	2167.5	---	11933.11

Table 7.--Daily suspended-sediment discharge for streamflow station 07026370  
North Reelfoot Creek at Hwy. 22, near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, April to June 1986

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	12	109	3.5	5.4	68	.99	101	1140	888
2	11	104	3.1	4.8	62	.80	91	710	174
3	10	101	2.7	3.6	60	.58	77	440	91
4	9.1	98	2.4	2.9	58	.45	51	300	41
5	18	379	19	2.5	53	.36	39	150	16
6	15	320	13	2.1	52	.29	32	210	18
7	23	702	56	1.8	58	.28	38	470	48
8	496	2110	3780	1.7	63	.29	31	440	37
9	173	710	332	17	815	116	890	1890	6980
10	73	310	61	17	900	41	610	900	1480
11	53	180	26	61	2400	677	394	800	851
12	36	170	17	18	550	27	339	690	632
13	26	140	9.8	15	165	6.7	255	720	496
14	21	120	6.8	166	1470	3720	121	590	193
15	17	105	4.8	960	3720	10900	66	310	55
16	16	100	4.3	368	1400	1390	41	195	22
17	15	89	3.6	289	1250	975	28	164	12
18	15	76	3.1	619	2680	6220	19	131	6.7
19	15	62	2.5	272	850	624	14	104	3.9
20	17	80	3.7	184	1000	497	11	73	2.2
21	17	70	3.2	79	750	160	9.2	58	1.4
22	15	47	1.9	44	700	83	7.2	50	.97
23	14	40	1.5	32	240	21	5.2	43	.60
24	12	39	1.3	189	2520	3430	4.1	40	.44
25	11	43	1.3	183	1220	749	2.9	38	.30
26	9.2	45	1.1	289	1600	1370	1.9	40	.21
27	7.8	52	1.1	164	810	359	1.3	40	.14
28	7.7	65	1.4	76	540	111	1.1	39	.12
29	6.2	75	1.3	44	250	30	.78	40	.08
30	5.2	72	1.0	34	175	16	.69	41	.08
31	---	---	---	25	120	8.1	---	---	---
TOTAL	1176.2	---	4369.4	4169.8	---	31534.84	3282.37	---	12051.14



Table 7.--Daily suspended-sediment discharge for streamflow station 07026370  
North Reelfoot Creek at Hwy. 22, near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, July to September 1986

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	.56	42	.06	9.0	85	2.1	.00	0	.00
2	.49	46	.06	4.1	69	.76	.00	0	.00
3	.35	50	.05	1.7	55	.25	.00	0	.00
4	.23	45	.03	.86	40	.09	.00	0	.00
5	.19	37	.02	.49	33	.04	.00	0	.00
6	.15	25	.01	.34	30	.03	.00	0	.00
7	.11	20	.01	.40	25	.03	.00	0	.00
8	.07	19	.00	.69	21	.04	.00	0	.00
9	.04	17	.00	.96	18	.05	.00	0	.00
10	.04	13	.00	.90	18	.04	.00	0	.00
11	.03	11	.00	.52	19	.03	.00	0	.00
12	.10	50	.01	.27	20	.01	.00	0	.00
13	20	1480	80	.15	20	.01	.00	0	.00
14	5.0	325	4.4	.09	21	.01	.00	0	.00
15	8.8	300	7.1	.03	20	.00	.00	0	.00
16	6.9	128	2.4	6.5	561	20	.00	0	.00
17	3.9	104	1.1	1.1	300	.89	.00	0	.00
18	2.0	93	.50	.15	119	.05	15	1700	272
19	1.1	82	.24	.47	128	.16	41	917	101
20	.57	69	.11	.62	70	.00	22	380	23
21	.44	60	.07	.02	64	.00	8.1	210	4.6
22	.30	53	.04	.02	59	.00	1.9	128	.66
23	.22	42	.02	.01	55	.00	.32	120	.10
24	.15	32	.01	.01	49	.00	.16	111	.05
25	.11	25	.01	.01	40	.00	.06	103	.02
26	.09	19	.00	.00	0	.00	.02	90	.00
27	15	962	81	.00	0	.00	.01	70	.00
28	.65	275	.48	.00	0	.00	.00	0	.00
29	58	1330	518	.00	0	.00	.00	0	.00
30	35	610	58	.00	0	.00	.00	0	.00
31	18	135	6.6	.00	0	.00	---	---	---
TOTAL	178.59	---	826.73	28.81	---	24.59	88.57	---	401.43

Table B.--Daily suspended-sediment discharge for streamflow station 07026400  
South Reelfoot Creek near Clayton, Tenn.

Suspended-sediment discharge, in tons per day, May to June 1985

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	MAY		JUNE	
			SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	896	4030	11900	21	89	5.0
2	331	1330	1980	23	81	5.0
3	73	450	89	21	72	4.1
4	49	300	40	17	52	2.4
5	38	170	17	21	439	120
6	31	140	12	37	790	160
7	146	2350	3540	54	---	---
8	75	1960	493	28	---	---
9	34	1100	101	23	---	---
10	28	600	45	15	---	---
11	27	400	29	610	---	---
12	32	825	100	69	---	---
13	31	650	54	37	610	61
14	26	850	60	22	270	16
15	48	1270	244	17	140	6.4
16	21	250	14	12	100	3.2
17	20	170	9.2	33	954	160
18	21	125	7.1	20	400	22
19	18	95	4.6	5.6	182	2.9
20	19	65	3.3	4.4	155	1.8
21	21	45	2.6	5.6	120	1.8
22	266	2520	2610	32	1110	150
23	51	590	81	1.8	350	1.7
24	30	321	20	1.1	190	.56
25	22	291	17	1.4	170	.64
26	17	242	11	2.4	150	.97
27	15	195	7.9	8.9	321	23
28	14	152	5.7	10	634	30
29	14	130	4.9	1.3	400	1.4
30	18	109	5.3	8.1	569	27
31	21	96	5.4	---	---	---
TOTAL	2453	---	21521.0	1162.6	---	806.77

Table 8.--Daily suspended-sediment discharge for streamflow station 07026400  
 South Reelfoot Creek near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, July to September 1985

DAY	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	JULY		AUGUST		SEPTEMBER		MEAN SEDIMENT DISCHARGE (TONS/DAY)
			MEAN SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN SEDIMENT DISCHARGE (TONS/DAY)	CONCEN- TRATION (MG/L)	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	
1	19	905	150	2.9	135	1.1	2.5	71	.48
2	11	632	32	4.5	121	1.5	1.6	60	.26
3	.59	300	.48	3.3	105	.94	1.0	50	.14
4	2.0	200	1.1	3.4	88	.81	4.2	70	.79
5	403	1800	7980	182	3240	3240	294	2240	3100
6	491	4070	7690	45	1300	158	41	340	38
7	129	800	279	5.0	1100	15	18	140	6.8
8	30	410	33	2.8	950	7.2	11	120	3.6
9	16	275	12	3.6	790	7.7	5.9	100	1.6
10	40	2040	599	33	1800	278	3.9	85	.90
11	48	1250	194	6.6	600	11	3.2	95	.82
12	27	450	33	.32	191	.17	.51	51	.07
13	7.3	350	6.9	.50	179	.24	2.6	32	.22
14	1.7	250	1.1	.51	162	.22	2.1	29	.16
15	37	1860	803	119	2800	2070	1.9	29	.15
16	48	2080	444	236	3780	4340	2.1	26	.15
17	4.4	500	5.9	22	600	36	2.8	29	.22
18	3.0	212	1.7	8.6	400	9.3	3.2	33	.29
19	2.8	195	1.5	4.1	250	2.8	3.0	40	.32
20	2.6	178	1.2	88	2500	1190	3.4	48	.44
21	2.1	155	.88	10	225	6.1	3.0	41	.33
22	1.9	130	.67	4.3	93	1.1	3.0	39	.32
23	1.2	105	.34	106	1640	813	3.4	38	.35
24	1.2	80	.26	542	2870	7790	2.1	30	.22
25	.41	56	.06	146	2420	1220	3.2	40	.35
26	8.2	426	20	43	800	93	8.4	85	1.9
27	9.8	400	11	20	500	27	3.2	61	.53
28	1.9	190	.97	12	300	9.7	3.0	58	.47
29	1.7	178	.82	7.6	100	2.1	3.9	53	.56
30	3.1	165	1.4	5.0	84	1.1	12	95	3.1
31	2.2	151	.90	1.7	80	.37	---	---	---
TOTAL	1357.10	---	18306.18	1662.73	---	21333.45	453.11	---	3163.54

Table 8.--Daily suspended sediment discharge for streamflow station 07026400  
South Reelfoot Creek near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, October to December 1965

DAY	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	OCTOBER		NOVEMBER		DECEMBER		MEAN SEDIMENT DISCHARGE (TONS/DAY)
			MEAN SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	MEAN DISCHARGE (CFS)	
1	8.2	98	2.2	83	419	103	118	553	254
2	4.7	69	.88	44	130	15	55	200	30
3	4.2	51	.58	25	80	5.4	34	90	8.3
4	4.3	49	.57	17	45	2.1	28	71	5.4
5	7.2	45	.87	13	25	.88	25	63	4.3
6	8.0	40	.86	12	20	.65	20	56	3.0
7	8.8	38	.90	9.9	19	.51	18	52	2.5
8	9.5	31	.80	8.6	18	.42	18	49	2.4
9	12	25	.81	9.1	20	.49	15	41	1.7
10	13	22	.77	14	20	.76	14	34	1.3
11	16	19	.82	14	21	.79	102	393	153
12	18	15	.73	17	19	.87	59	150	24
13	21	35	2.7	24	40	2.6	38	110	11
14	142	1160	672	15	21	.85	25	86	5.8
15	81	910	199	13	15	.53	21	60	3.4
16	42	510	58	141	755	417	21	42	2.4
17	25	400	27	57	360	55	21	34	1.9
18	19	260	13	44	200	24	18	28	1.4
19	24	560	36	32	110	9.5	15	25	1.0
20	229	1160	986	58	309	61	15	24	.97
21	83	500	112	32	120	10	13	22	.77
22	40	290	31	25	100	6.8	16	28	1.2
23	216	1640	1410	20	80	4.3	18	32	1.6
24	176	850	404	15	65	2.4	17	34	1.6
25	138	490	183	14	50	1.9	11	26	.77
26	109	310	91	44	321	150	9.9	22	.59
27	68	225	41	334	674	802	9.0	20	.49
28	36	190	18	128	175	60	8.5	20	.46
29	25	125	8.4	57	130	20	9.4	35	.89
30	39	225	24	36	115	11	8.3	30	.67
31	89	405	97	---	---	---	10	40	1.1
TOTAL	1715.9	---	4423.89	1355.6	---	1769.75	810.1	---	527.31

Table 8.--Daily suspended-sediment discharge for streamflow station 07026400  
 South Reelfoot Creek near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, January to March 1986

DAY	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	JANUARY			FEBRUARY			MARCH		
			MEAN SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	MEAN SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	MEAN SEDIMENT DISCHARGE (TONS/DAY)		
1	9.9	30	.80	10	20	.54	15	29	1.2		
2	9.9	22	.59	519	3780	10100	16	29	1.3		
3	12	21	.68	562	1680	3380	16	29	1.3		
4	12	24	.78	451	1440	1840	15	32	1.3		
5	10	25	.68	225	750	456	15	36	1.5		
6	9.7	23	.60	213	1010	581	15	45	1.8		
7	9.5	22	.56	168	590	268	14	40	1.5		
8	6.2	26	.44	143	440	170	13	32	1.1		
9	6.4	25	.43	102	325	90	14	29	1.1		
10	7.7	23	.48	58	200	31	16	48	2.1		
11	8.5	30	.69	30	130	11	15	46	1.9		
12	9.9	41	1.1	23	103	6.4	591	3010	8780		
13	9.7	43	1.1	20	101	5.5	193	850	443		
14	9.6	45	1.2	96	575	206	146	540	213		
15	8.7	37	.87	100	510	138	105	420	119		
16	9.1	29	.71	152	942	479	65	290	51		
17	11	28	.83	128	450	156	33	140	12		
18	75	1520	845	72	260	51	141	1660	1130		
19	143	825	319	43	150	17	106	600	172		
20	65	300	53	29	119	9.3	44	175	21		
21	39	110	12	23	100	6.2	24	150	9.7		
22	25	70	4.7	21	82	4.6	21	130	7.4		
23	17	60	2.8	20	66	3.6	21	110	6.2		
24	16	52	2.2	20	56	3.0	19	95	4.9		
25	17	45	2.1	18	47	2.3	19	80	4.1		
26	14	40	1.5	19	38	1.9	18	65	3.2		
27	6.8	35	.64	18	34	1.7	17	55	2.5		
28	6.7	30	.54	16	32	1.4	16	55	2.4		
29	11	29	.86	---	---	---	16	53	2.3		
30	8.2	26	.58	---	---	---	15	51	2.1		
31	8.2	23	.51	---	---	---	15	53	2.1		
TOTAL	611.7	---	1257.97	3299	---	18020.44	1789	---	11004.0		

Table 8.--Daily suspended-sediment discharge for streamflow station 07026400  
 South Reelfoot Creek near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, April to June 1986

DAY	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	MEAN SEDIMENT DISCHARGE		MEAN SEDIMENT DISCHARGE		MEAN SEDIMENT DISCHARGE		MEAN SEDIMENT DISCHARGE (TONS/DAY)
			(TONS/DAY)	(CFS)	(TONS/DAY)	(CFS)	(TONS/DAY)	(CFS)	
APRIL			MAY			JUNE			
1	14	55	2.1	8.6	70	1.6	30	488	79
2	14	55	2.1	5.6	65	.98	47	961	201
3	14	55	2.1	7.6	60	1.2	91	1320	324
4	12	48	1.6	7.3	59	1.2	79	775	165
5	32	1480	148	7.1	57	1.1	66	610	109
6	20	500	27	6.8	56	1.0	77	1660	451
7	37	1550	215	6.7	58	1.0	160	2680	2060
8	425	2550	4410	7.5	56	1.1	88	1000	238
9	123	650	216	12	90	2.9	973	3740	18000
10	88	425	101	10	85	2.3	349	2640	2490
11	55	225	33	43	250	29	241	1760	1160
12	27	155	11	12	150	4.9	183	970	479
13	20	110	5.9	10	100	2.7	150	850	344
14	19	77	4.0	303	1590	1300	125	590	199
15	16	52	2.2	678	3860	8510	108	380	465
16	15	43	1.7	168	1400	635	96	210	180
17	14	40	1.5	118	1000	319	77	100	21
18	13	36	1.3	461	3140	5250	50	65	8.8
19	14	35	1.3	144	1400	544	33	40	3.6
20	24	70	4.5	102	850	234	18	15	.73
21	21	58	3.3	62	375	63	11	14	.42
22	16	35	1.5	42	210	24	6.8	12	.22
23	14	20	.76	32	175	15	32	915	79
24	13	17	.60	117	1560	1220	36	1400	144
25	13	16	.63	104	1510	501	20	500	27
26	11	15	.45	188	2140	1450	14	269	10
27	8.6	13	.30	83	950	213	10	185	5.0
28	11	51	1.5	50	450	61	6.4	148	2.6
29	8.2	65	1.4	36	175	17	3.9	112	1.2
30	6.6	58	1.0	26	125	8.8	2.7	100	.73
31	---	---	---	19	120	6.2	---	---	---
TOTAL	1118.4	---	5202.74	2877.2	---	20421.96	3185.8	---	27248.30

Table 3.--Daily suspended-sediment discharge for streamflow station U7026400  
 South Reelfoot Creek near Clayton, Tenn.--Continued

Suspended-sediment discharge, in tons per day, July to September 1986

DAY	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	JULY		AUGUST		SEPTEMBER		MEAN SEDIMENT DISCHARGE (TONS/DAY)
			MEAN SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	MEAN SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	
1	2.1	90	.51	3.1	30	.25	.11	13	.00
2	.90	80	.19	2.0	29	.16	.33	13	.01
3	.58	75	.12	.73	30	.06	6.1	300	4.9
4	.36	69	.07	2.0	31	.17	.49	300	.40
5	.31	60	.05	1.1	29	.09	.48	250	.32
6	.25	48	.03	.60	28	.05	1.2	180	.58
7	.20	37	.02	.27	25	.02	1.0	95	.26
8	.18	30	.01	.16	25	.01	.35	83	.08
9	.14	22	.01	.39	26	.03	.15	70	.03
10	.17	16	.01	1.2	30	.10	.07	63	.01
11	.13	12	.00	.58	34	.05	.41	65	.07
12	2.0	450	2.4	.36	39	.04	2.0	91	.49
13	2.2	650	3.9	.40	43	.05	.08	69	.01
14	13	386	74	.32	46	.04	.03	55	.00
15	32	670	58	.21	49	.03	.04	43	.00
16	21	400	23	2.2	590	3.5	.06	45	.01
17	18	280	14	.10	325	.09	.05	47	.01
18	18	480	23	1.3	250	.88	83	1750	1760
19	17	375	17	2.5	210	1.4	17	950	44
20	9.0	200	4.9	.96	180	.47	.08	700	.15
21	5.4	95	1.4	.30	142	.12	.12	400	.13
22	4.1	85	.94	.14	98	.04	.21	184	.10
23	3.1	75	.63	.05	55	.01	.16	153	.07
24	2.1	62	.35	.04	40	.00	.26	120	.03
25	1.3	60	.21	.03	35	.00	.25	92	.06
26	.88	56	.13	.09	28	.01	.15	79	.03
27	1.0	45	.12	.15	20	.01	.15	65	.03
28	2.7	36	.26	.11	18	.01	.17	53	.02
29	9.7	50	1.3	.05	15	.00	.14	48	.02
30	13	42	1.5	.05	13	.03	.07	41	.01
31	12	48	1.6	.08	13	.00	---	---	---
TOTAL	192.80	---	229.66	21.57	---	7.69	114.71	---	1811.88

Table 9.--Daily suspended-sediment discharge for streamflow station 07026640  
Running Slough near Ledford, Ky.

Suspended-sediment discharge, in tons per day, May to June 1985

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	164	1060	453	0.00	0	0.00
2	157	550	233	.00	0	.00
3	113	370	113	.00	0	.00
4	79	225	48	.00	0	.00
5	58	175	27	.00	0	.00
6	40	122	13	.00	0	.00
7	25	115	7.8	.00	0	.00
8	13	105	3.7	.00	0	.00
9	5.3	93	1.3	.00	0	.00
10	2.4	82	.53	.00	0	.00
11	1.3	70	.25	6.1	96	3.0
12	1.9	75	.38	24	239	15
13	3.0	65	.53	13	245	8.6
14	1.5	53	.21	2.6	188	1.3
15	1.5	44	.18	.05	85	.01
16	13	112	3.9	.00	0	.00
17	8.4	70	1.6	1.3	50	.19
18	1.8	41	.20	7.3	141	2.8
19	.04	15	.00	5.3	98	1.4
20	.00	0	.00	1.2	40	.13
21	.00	0	.00	.07	9	.00
22	14	262	14	.31	29	.02
23	25	280	19	.94	40	.10
24	14	200	7.6	1.5	63	.26
25	4.4	125	1.5	.56	40	.06
26	.66	40	.07	.00	0	.00
27	.13	0	.00	.00	0	.00
28	.00	0	.00	.00	0	.00
29	.00	0	.00	.00	0	.00
30	.00	0	.00	.00	0	.00
31	.00	0	.00	---	---	---
TOTAL	747.33	---	949.75	64.23	---	32.87



Table 9.--Daily suspended-sediment discharge for streamflow station 07026640  
Running Slough near Ledford, Ky.--Continued

Suspended-sediment discharge, in tons per day, July to September 1986

DAY	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCENTRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)									
										JULY			AUGUST			SEPTEMBER		
1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00									
2	.00	0	.00	.00	0	.00	.00	0	.00									
3	.00	0	.00	.00	0	.00	.00	0	.00									
4	.00	0	.00	.00	0	.00	.00	0	.00									
5	.00	0	.00	.00	0	.00	.00	0	.00									
6	.00	0	.00	.00	0	.00	.00	0	.00									
7	.00	0	.00	.00	0	.00	.00	0	.00									
8	.00	0	.00	.00	0	.00	.00	0	.00									
9	.00	0	.00	.00	0	.00	.00	0	.00									
10	.00	0	.00	.00	0	.00	.00	0	.00									
11	.00	0	.00	.00	0	.00	.00	0	.00									
12	.00	0	.00	.00	0	.00	.00	0	.00									
13	.00	0	.00	.00	0	.00	.00	0	.00									
14	.00	0	.00	.00	0	.00	.00	0	.00									
15	.00	0	.00	.00	0	.00	.00	0	.00									
16	.00	0	.00	.00	0	.00	.00	0	.00									
17	.00	0	.00	.00	0	.00	.00	0	.00									
18	.00	0	.00	.00	0	.00	.00	0	.00									
19	.00	0	.00	.00	0	.00	.00	0	.00									
20	.00	0	.00	.00	0	.00	.00	0	.00									
21	.00	0	.00	.00	0	.00	.00	0	.00									
22	.00	0	.00	.00	0	.00	.00	0	.00									
23	.00	0	.00	.00	0	.00	.00	0	.00									
24	.00	0	.00	.00	0	.00	.00	0	.00									
25	.00	0	.00	.00	0	.00	.00	0	.00									
26	.00	0	.00	.00	0	.00	.00	0	.00									
27	.00	0	.00	.00	0	.00	.00	0	.00									
28	.00	0	.00	.00	0	.00	.00	0	.00									
29	.00	0	.00	.00	0	.00	.00	0	.00									
30	.00	0	.00	.00	0	.00	.00	0	.00									
31	.00	0	.00	.00	0	.00	---	---	---									
TOTAL	0.00	---	0.00	0.00	---	0.00	0.00	---	0.00									

Table 9.--Daily suspended-sediment discharge for streamflow station 07026640  
Running Slough near Ledford, Ky.--Continued

Suspended-sediment discharge, in tons per day, October to December 1985

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	OCTOBER			NOVEMBER			DECEMBER		
				MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	0.00	0	0.00	1.5	42	0.17	20	45	2.4			
2	.00	0	.00	1.3	21	.07	18	23	1.1			
3	.00	0	.00	1.9	32	.16	17	11	.50			
4	.00	0	.00	.81	22	.05	16	11	.48			
5	.00	0	.00	.18	10	.00	16	11	.48			
6	.00	0	.00	.00	0	.00	17	10	.46			
7	.00	0	.00	.00	0	.00	18	10	.49			
8	.00	0	.00	.00	0	.00	18	10	.49			
9	.00	0	.00	.00	0	.00	19	9	.46			
10	.00	0	.00	.00	0	.00	19	9	.46			
11	.00	0	.00	.00	0	.00	21	21	1.2			
12	.00	0	.00	.00	0	.00	26	45	3.2			
13	.00	0	.00	.00	0	.00	26	48	3.4			
14	.00	0	.00	.00	0	.00	21	40	2.3			
15	.00	0	.00	.00	0	.00	19	35	1.8			
16	.00	0	.00	.00	0	.00	17	25	1.1			
17	.00	0	.00	.00	0	.00	17	18	.83			
18	.00	0	.00	.00	0	.00	15	15	.61			
19	.00	0	.00	.00	0	.00	10	12	.32			
20	.00	0	.00	.00	0	.00	6.1	12	.20			
21	.00	0	.00	.00	0	.00	4.0	12	.13			
22	.00	0	.00	.00	0	.00	4.0	12	.13			
23	.00	0	.00	.00	0	.00	6.1	18	.30			
24	.00	0	.00	.00	0	.00	6.6	18	.32			
25	.00	0	.00	.00	0	.00	3.6	18	.17			
26	.00	0	.00	4.4	15	.18	1.6	12	.05			
27	.00	0	.00	19	41	2.1	.97	9	.02			
28	.00	0	.00	28	45	3.4	.74	5	.01			
29	.00	0	.00	25	35	2.4	.00	0	.00			
30	.00	0	.00	21	52	2.9	.00	0	.00			
31	.62	11	.02	---	---	---	.00	0	.00			
TOTAL	0.62	---	0.02	103.09	---	11.43	383.71	---	23.41			

Table 9.--Daily suspended-sediment discharge for streamflow station 07026640  
Running Slough near Ledford, Ky.--Continued

Suspended-sediment discharge, in tons per day, January to March 1986

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	JANUARY			FEBRUARY			MARCH		
				MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	0.00	0	0.00	12	40	1.3	15	22	0.89			
2	.00	0	.00	19	229	17	15	21	.85			
3	.00	0	.00	59	319	48	16	22	.95			
4	.00	0	.00	63	165	28	17	25	1.1			
5	.00	0	.00	52	100	14	17	23	1.1			
6	.00	0	.00	39	78	8.2	19	22	1.1			
7	.00	0	.00	31	60	5.0	17	20	.92			
8	.00	0	.00	21	50	2.8	16	20	.86			
9	.00	0	.00	14	43	1.6	14	20	.76			
10	.00	0	.00	11	35	1.0	13	19	.67			
11	.00	0	.00	11	31	.92	14	18	.68			
12	.00	0	.00	12	30	.97	47	454	64			
13	8.8	80	3.9	11	24	.71	49	130	17			
14	10	103	2.8	12	30	.97	36	92	8.9			
15	4.1	61	.68	11	32	.95	24	70	4.5			
16	4.9	65	.86	23	100	6.2	15	68	2.8			
17	3.8	65	.67	36	60	5.8	12	49	1.6			
18	4.4	81	.96	33	43	3.8	12	43	1.4			
19	6.1	111	1.8	24	32	2.1	20	50	2.7			
20	9.5	121	3.1	15	22	.89	25	37	2.5			
21	9.5	120	3.0	10	20	.54	15	28	1.1			
22	7.7	110	2.3	10	29	.78	11	25	.74			
23	8.3	105	2.4	11	22	.65	7.5	21	.43			
24	7.4	101	2.0	11	19	.56	6.2	25	.42			
25	6.7	96	1.7	13	35	1.2	5.5	28	.42			
26	6.3	83	1.4	15	30	1.2	4.9	30	.40			
27	6.2	72	1.2	16	22	.95	5.4	32	.47			
28	7.6	60	1.2	16	22	.95	5.4	32	.47			
29	8.6	51	1.2	---	---	---	3.4	31	.28			
30	8.8	43	1.0	---	---	---	3.1	35	.29			
31	10	38	1.0	---	---	---	2.7	42	.31			
TOTAL	138.50	---	33.17	611	---	157.04	483.1	---	120.61			

Table 9.--Daily suspended-sediment discharge for streamflow station 07026640  
Running Slough near Ledford, Ky.--Continued

Suspended-sediment discharge, in tons per day, April to June 1986

DAY	MEAN DISCHARGE (CFS)	CONCEN- TRATION (MG/L)	MEAN SEDIMENT DISCHARGE (TONS/DAY)		CONCEN- TRATION (MG/L)	MEAN SEDIMENT DISCHARGE (TONS/DAY)		CONCEN- TRATION (MG/L)	MEAN SEDIMENT DISCHARGE (TONS/DAY)
			APRIL	MAY		JUNE			
1	2.3	49	0.30	2.5	122	0.82	0.29	50	0.04
2	1.6	63	.27	2.2	109	.65	6.9	100	1.9
3	.73	85	.17	1.4	98	.37	14	140	5.3
4	.19	105	.05	.83	89	.20	4.5	145	1.8
5	.38	95	.10	1.2	79	.26	2.1	150	.85
6	.73	85	.17	1.2	71	.23	2.5	100	.68
7	.86	72	.17	.59	66	.11	.63	60	.10
8	3.1	80	.67	.07	58	.01	.25	50	.03
9	3.1	31	.26	.15	51	.02	40	173	31
10	1.5	88	.36	.98	45	.12	88	190	45
11	.46	59	.07	1.7	39	.18	74	180	36
12	2.6	59	.41	1.4	32	.12	44	125	15
13	4.0	65	.70	4.4	27	.32	21	100	5.7
14	4.7	70	.89	21	541	142	6.6	70	1.2
15	3.6	72	.70	230	1300	764	1.8	60	.29
16	2.4	70	.45	197	380	202	.88	40	.10
17	2.2	68	.40	140	310	117	.24	15	.01
18	1.9	62	.32	136	840	308	.00	0	.00
19	1.6	60	.26	103	640	178	.00	0	.00
20	1.5	59	.24	72	490	95	.00	0	.00
21	1.5	59	.24	50	410	55	.00	0	.00
22	1.3	60	.21	33	360	32	.00	0	.00
23	.90	60	.15	20	265	14	.00	0	.00
24	.38	65	.07	17	275	13	.02	200	.01
25	4.4	95	1.1	40	255	28	.00	0	.00
26	3.5	140	1.3	105	630	179	.00	0	.00
27	3.4	148	1.4	80	230	50	.00	0	.00
28	1.9	141	.72	44	185	22	.00	0	.00
29	1.9	135	.69	22	185	11	.00	0	.00
30	2.3	131	.81	8.0	120	2.6	.00	0	.00
31	---	---	---	1.6	70	.30	---	---	---
TOTAL	60.93	---	13.65	1338.22	---	2216.31	307.71	---	145.01

Table 9.--Daily suspended-sediment discharge for streamflow station 07026640  
Running Slough near Ledford, Ky.--Continued

Suspended-sediment discharge, in tons per day, July to September 1986

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN- TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
1	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00
2	.00	0	.00	.00	0	.00	.00	0	.00
3	.00	0	.00	.00	0	.00	.00	0	.00
4	.00	0	.00	.00	0	.00	.00	0	.00
5	.00	0	.00	.00	0	.00	.00	0	.00
6	.00	0	.00	.00	0	.00	.00	0	.00
7	.00	0	.00	.00	0	.00	.00	0	.00
8	.00	0	.00	.00	0	.00	.00	0	.00
9	.00	0	.00	.00	0	.00	.00	0	.00
10	.00	0	.00	.00	0	.00	.00	0	.00
11	.00	0	.00	.00	0	.00	.00	0	.00
12	.00	0	.00	.00	0	.00	.00	0	.00
13	.00	0	.00	.00	0	.00	.00	0	.00
14	.00	0	.00	.00	0	.00	.00	0	.00
15	.00	0	.00	.00	0	.00	.00	0	.00
16	.00	0	.00	.00	0	.00	.00	0	.00
17	.00	0	.00	.00	0	.00	.00	0	.00
18	.00	0	.00	.00	0	.00	.00	0	.00
19	.00	0	.00	.00	0	.00	.00	0	.00
20	.00	0	.00	.00	0	.00	.00	0	.00
21	.00	0	.00	.00	0	.00	.00	0	.00
22	.00	0	.00	.00	0	.00	.00	0	.00
23	.00	0	.00	.00	0	.00	.00	0	.00
24	.00	0	.00	.00	0	.00	.00	0	.00
25	.00	0	.00	.00	0	.00	.00	0	.00
26	.00	0	.00	.00	0	.00	.00	0	.00
27	.00	0	.00	.00	0	.00	.00	0	.00
28	.00	0	.00	.00	0	.00	.00	0	.00
29	.00	0	.00	.00	0	.00	.00	0	.00
30	.00	0	.00	.00	0	.00	.00	0	.00
31	.00	0	.00	.00	0	.00	---	---	---
TOTAL	0.00	---	0.00	0.00	---	0.00	0.00	---	0.00

Table 10.--Daily rainfall accumulation at rainfall station 07026690 Reelfoot Lake near Phillippy, Tenn.

Location.--Lat 36 27'59", long 89 20'56", Lake County, Hydrologic Unit 08010202, 1.85 miles southeast of Phillippy, and 3.0 miles northeast of New Markham.

Drainage area.--270.22 mi<sup>2</sup>.

Accumulated rainfall, in inches, May 1985 to April 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	1.13	0.00	0.95	0.00	0.00	0.00	0.06	0.30	0.00	0.00	0.05	0.00
2	.00	.00	.04	.00	.00	.00	.00	.09	.00	2.48	.00	.00
3	.00	.00	.00	.18	.00	.00	.00	.00	.00	.05	.00	.00
4	.00	.00	.00	.18	.00	.00	.00	.00	.00	.48	.00	.54
5	.00	.00	.09	.12	.99	.00	.00	.00	.00	.00	.00	.16
6	.00	.32	.02	.03	.00	.00	.00	.00	.00	.16	.00	.04
7	.34	.00	.00	.22	.00	.00	.00	.00	.00	.00	.00	1.03
8	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.20
9	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00
10	.00	.41	.38	.00	.00	.00	.00	.00	.00	.00	.17	.00
11	.07	.35	.02	.30	.00	.00	.18	.69	.00	.00	.58	.00
12	.20	.00	.00	.00	.00	.00	.27	.12	.00	.00	1.22	.00
13	.03	.00	.00	.00	.00	.55	.00	.00	.00	.00	.00	.00
14	.38	.00	.00	.00	.00	.71	.00	.00	.00	.46	.00	.18
15	.00	.00	1.41	.00	.00	.00	.25	.00	.00	.11	.00	.00
16	.00	.00	.02	.00	.00	.00	.41	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.25	.00	.00	.00	.00	.00
18	.00	1.12	.00	.00	.00	.00	.00	.60	.86	.00	.71	.00
19	.00	.00	.00	.00	.00	.27	.21	.00	.00	.00	.00	.17
20	.00	.00	.00	.00	.00	1.56	.00	.00	.00	.00	.00	.34
21	.51	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
22	1.31	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.08	.04	.00	.54	.28	.74	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	1.09	.00	.02	.00	.00	.00	.00	.00	.00
25	.00	.02	.06	1.21	.56	.00	.11	.00	.00	.00	.00	.00
26	.00	.00	.06	.00	.00	.00	.84	.00	.00	.00	.02	.00
27	.00	.09	.00	.00	.00	.00	.66	.00	.00	.00	.00	.00
28	.00	.07	.00	.00	.00	.00	.00	.00	.00	.02	.00	.24
29	.00	.00	.00	.00	.00	.11	.00	.00	.00	---	.00	.00
30	.00	.12	.00	.00	.72	.36	.00	.00	.00	---	.00	.00
31	.00	---	.00	.00	---	.58	---	.00	.00	---	.00	---
TOTAL	4.05	3.29	3.05	3.95	2.55	4.90	3.26	1.80	.86	3.76	2.75	2.92

Table 10.--Daily rainfall accumulation at rainfall station  
07026690 Reelfoot Lake near Phillippy, Tenn.--Continued

Accumulated rainfall, in inches, May 1986 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP
1	0.36	0.17	0.00	0.00	0.00
2	.00	.03	.00	.00	.00
3	.00	.34	.00	.00	.00
4	.00	.30	.00	.00	.42
5	.00	.10	.00	.00	.00
6	.00	.05	.00	.00	.00
7	1.02	.10	.00	.00	.00
8	.00	.51	.00	.07	.00
9	.29	1.49	.00	.00	.00
10	.52	.12	.00	.00	.00
11	.21	.04	.02	.00	.92
12	.00	.00	.51	.00	.02
13	.00	.00	.00	.00	.00
14	1.99	.00	.31	.00	.00
15	1.04	.00	.00	.00	.00
16	.02	.00	.00	.11	.00
17	.22	.00	.00	.00	.37
18	1.13	.00	.00	.00	.58
19	.00	.00	.00	.00	.04
20	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.17
22	.02	.00	.00	.00	.00
23	.15	.00	.00	.00	.00
24	1.06	.00	.00	.00	.00
25	.06	.00	.00	.00	.00
26	1.39	.23	.71	.00	.00
27	.00	.02	.03	.00	.00
28	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---
TOTAL	9.48	3.50	1.58	.18	2.52

Table 11.--Daily rainfall accumulation at rainfall station 362148089255670 Blue Bank rain gage at Blue Bank, Tenn.

Location.--Lat 36 21'48", long 89 25'56", Lake County, Hydrologic Unit 08010202, at State Park Museum in Reelfoot Lake State Park, at Blue Bank, 1.2 miles west of the spillway and 2.9 miles southeast of Tiptonville

Accumulated rainfall, in inches, May 1985 to April 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	2.27	0.00	0.00	0.00	0.00	0.02	0.06	0.37	0.00	0.00	0.00	0.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.02	.00	.00
3	.00	.00	.00	.00	.02	.00	.00	.00	.00	.31	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.58	.00	.44
5	.00	.00	1.23	2.03	.98	.00	.00	.00	.00	.00	.00	.46
6	.00	.27	.02	.00	.00	.00	.00	.00	.00	.31	.00	.21
7	.61	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	1.55
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.38
9	.00	.01	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00
10	.00	.42	.00	.05	.00	.00	.00	.00	.00	.00	.08	.00
11	.04	.59	.00	.00	.00	.00	.18	.69	.00	.03	.54	.00
12	.00	.00	.00	.00	.00	.00	.27	.00	.00	.06	1.71	.00
13	.07	.00	.00	.00	.00	.55	.00	.00	.00	.03	.00	.00
14	.43	.00	.00	.00	.00	.71	.00	.00	.00	.63	.00	.13
15	.02	.00	.06	.00	.00	.00	.25	.00	.00	.03	.00	.00
16	.00	.00	.00	.00	.00	.00	.41	.00	.00	.00	.00	.00
17	.00	1.12	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00
18	.00	.02	.00	.00	.00	.00	.00	.06	.86	.00	.69	.00
19	.00	.00	.00	.00	.00	.27	.21	.00	.00	.00	.00	.13
20	.00	.00	.00	.00	.00	1.56	.00	.00	.00	.02	.00	.44
21	.85	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
22	.96	.23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.03	.00	.10	1.10	.35	.74	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	1.09	.00	.02	.00	.00	.00	.00	.00	.00
25	.00	.00	.16	.45	.53	.02	.15	.00	.03	.00	.00	.00
26	.00	1.11	.29	.00	.00	.00	.79	.00	.00	.02	.00	.00
27	.00	.06	.00	.00	.00	.00	.68	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.18
29	.00	.00	.00	.00	.00	.00	.00	.00	.00	---	.00	.00
30	.00	.03	.00	.00	.59	.36	.00	.18	.00	---	.00	.00
31	.00	---	.00	.00	---	.58	---	.00	.00	---	.00	---
TOTAL	5.28	3.86	1.86	4.72	2.47	4.83	3.02	1.30	.91	4.11	3.04	4.01



Table 11.--Daily rainfall accumulation at rainfall station 362148089255600  
 Blue Bank rain gage at Blue Bank, Tenn.--Continued

Accumulated rainfall, in inches, May 1986 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP
1	0.26	0.00	0.03	0.00	0.00
2	.00	.00	.07	.00	.00
3	.00	.10	.00	.00	.00
4	.02	.60	.00	.00	.50
5	.00	.53	.00	.00	.00
6	.00	.00	.00	.00	.00
7	.00	.53	.00	.00	.00
8	.00	1.00	.00	.07	.00
9	.06	1.93	.00	.00	.00
10	.93	.32	.00	.08	.00
11	.16	.03	.25	.00	.66
12	.00	.00	.22	.00	.00
13	.00	.00	.00	.00	.00
14	.56	.00	.68	.00	.00
15	1.15	.00	.00	.00	.00
16	.00	.00	.00	.72	.00
17	.24	.00	.00	.03	.39
18	1.08	.00	.00	.00	.66
19	.00	.00	.00	.00	.02
20	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00
22	.11	.00	.00	.00	.00
23	.35	.00	.00	.00	.00
24	.46	.00	.00	.02	.00
25	.05	.00	.00	.00	.00
26	.04	.32	.84	.00	.00
27	.02	.02	.02	.00	.00
28	.02	.00	.00	.00	.00
29	.00	.00	.00	.00	.00
30	.03	.00	.00	.00	.00
31	.00	---	.00	.00	---
TOTAL	5.54	5.38	2.11	.92	2.23

Table 12.--Midnight lake stages for lake-stage station 07026690 Reelfoot Lake near Phillippy, Tenn.

Location.--Lat 36 27'59", long 89 20'56", Lake County, Hydrologic Unit 08010202, 1.85 miles southeast of Phillippy, and 3.0 miles northeast of New Markham.

Drainage area.--240 mi<sup>2</sup>.

Midnight lake stage, in feet, May 1985 to April 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	12.80	11.31	9.85	9.76	10.55	10.34	11.02	11.81	11.92	12.08	11.89	11.79
2	12.99	11.22	9.90	9.71	10.53	10.34	11.02	11.80	11.95	12.35	11.91	11.77
3	12.88	11.10	9.92	9.73	10.53	10.39	11.02	11.78	11.92	12.77	11.87	11.80
4	12.77	11.00	9.88	9.77	10.53	10.39	11.00	11.80	11.92	12.92	11.88	11.81
5	12.66	10.88	9.83	9.93	10.61	10.36	11.03	11.80	11.95	12.90	11.89	11.88
6	12.54	10.83	10.10	10.00	10.62	10.36	11.06	11.78	11.92	12.92	11.89	11.90
7	12.43	10.74	10.68	10.03	10.61	10.36	11.03	11.79	11.82	12.87	11.82	11.96
8	12.34	10.67	10.73	10.03	10.58	10.36	11.06	11.80	11.88	12.79	11.89	12.11
9	12.24	10.56	10.62	10.01	10.58	10.32	11.11	11.85	11.90	12.71	11.94	12.14
10	12.18	10.56	10.51	10.00	10.52	10.31	11.07	11.89	11.90	12.63	11.97	12.12
11	12.14	10.85	10.44	9.97	10.49	10.24	11.04	11.87	11.90	12.62	11.90	12.09
12	12.12	11.25	10.36	9.96	10.47	10.27	11.08	11.87	11.89	12.55	12.29	12.06
13	12.09	11.19	10.28	9.96	10.43	10.29	11.12	11.93	11.90	12.48	12.35	12.02
14	12.11	11.05	10.15	9.96	10.46	10.37	11.07	12.00	11.88	12.46	12.30	12.04
15	12.09	10.91	10.13	10.03	10.46	10.37	11.15	12.01	11.90	12.43	12.24	12.00
16	12.04	10.79	10.02	10.05	10.45	10.35	11.19	12.01	11.92	12.50	12.17	11.97
17	11.97	10.81	9.94	10.09	10.46	10.37	11.22	12.00	11.92	12.49	12.14	11.96
18	11.94	10.78	9.93	10.10	10.44	10.42	11.29	11.97	12.00	12.44	12.23	11.97
19	11.91	10.69	9.93	10.06	10.42	10.40	11.31	11.99	12.02	12.37	12.23	11.97
20	11.87	10.62	9.95	10.02	10.41	10.52	11.18	11.99	12.05	12.30	12.12	12.02
21	11.85	10.53	9.92	10.02	10.40	10.60	11.20	11.98	12.11	12.22	12.05	11.99
22	12.00	10.47	9.91	10.03	10.41	10.61	11.23	11.98	12.04	12.19	12.04	11.99
23	12.04	10.39	9.87	10.11	10.41	10.76	11.25	11.98	12.06	12.15	11.99	12.00
24	12.01	10.28	9.88	10.47	10.36	10.86	11.24	11.93	12.10	12.05	11.94	12.00
25	11.95	10.20	9.88	10.76	10.39	10.87	11.32	11.96	12.08	12.01	11.91	11.99
26	11.91	10.15	9.89	10.76	10.39	10.86	11.41	11.98	12.00	11.98	11.87	11.98
27	11.84	10.08	9.82	10.69	10.39	10.86	11.59	11.94	12.06	11.87	11.78	12.00
28	11.72	9.98	9.81	10.61	10.36	10.77	11.69	11.92	12.08	11.87	11.79	12.00
29	11.63	9.89	9.81	10.60	10.36	10.78	11.71	11.92	12.02	---	11.81	11.96
30	11.55	9.82	9.81	10.60	10.37	10.80	11.72	11.92	12.04	---	11.80	11.96
31	11.44	---	9.81	10.55	---	10.97	---	11.91	12.07	---	11.80	---
MEAN	12.13	10.65	10.95	10.14	10.47	10.50	11.21	11.91	11.97	12.43	11.99	11.97
MAX	12.99	11.31	10.73	10.76	10.62	10.97	11.72	12.01	12.11	12.92	12.35	12.14
MIN	11.44	9.82	9.81	9.71	10.36	10.24	11.00	11.78	11.82	11.87	11.78	11.77

Table 12.--Midnight lake stages for lake-stage station 07026690  
Reelfoot Lake near Phillippy, Tenn.--Continued

Midnight lake stage, in feet, May 1986 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP
1	11.93	12.09	11.78	11.26	10.65
2	11.89	12.03	11.71	11.25	10.64
3	11.90	12.02	11.68	11.16	10.65
4	11.90	12.05	11.67	11.13	10.68
5	11.93	12.07	11.66	11.12	10.65
6	11.91	12.08	11.61	11.14	10.64
7	11.88	12.10	11.60	11.13	10.55
8	11.84	12.14	11.60	11.09	10.58
9	11.88	12.44	11.58	11.08	10.59
10	11.91	12.73	11.57	11.07	10.63
11	11.96	12.69	11.57	11.00	10.70
12	11.94	12.58	11.59	10.97	10.61
13	11.95	12.45	11.52	10.95	10.57
14	12.12	12.38	11.56	10.95	10.57
15	12.60	12.33	11.55	10.94	10.55
16	12.71	12.24	11.52	11.00	10.52
17	12.69	12.14	11.50	10.96	10.58
18	12.85	12.07	11.49	10.93	10.64
19	12.81	11.99	11.45	10.90	10.63
20	12.70	11.95	11.40	10.88	10.62
21	12.55	11.94	11.37	10.86	10.60
22	12.50	11.91	11.35	10.88	10.61
23	12.39	11.88	11.33	10.87	10.60
24	12.41	11.87	11.32	10.84	10.58
25	12.43	11.84	11.31	10.83	10.56
26	12.59	11.84	11.36	10.83	10.53
27	12.57	11.84	11.36	10.77	10.52
28	12.47	11.80	11.34	10.67	10.49
29	12.35	11.79	11.33	10.67	10.50
30	12.21	11.77	11.32	10.67	10.49
31	12.15	---	11.28	10.66	---
MEAN	12.26	12.10	11.49	10.95	10.59
MAX	12.85	12.73	11.78	11.26	10.70
MIN	11.84	11.77	11.28	10.66	10.49

Table 13.--Midnight lake stages for lake-stage station 07027000 Reelfoot Lake near Tiptonville, Tenn.

Location.--Lat 36 21'09", long 89 25'07", Lake County, Hydrologic Unit 08010202, at Middle Landing in Reelfoot Lake State Park, 0.4 mile east of Blue Bank, 0.8 mile west of the spillway, and 3.3 miles southeast of Tiptonville.

Drainage area.--240 mi<sup>2</sup>.

Midnight lake stage, in feet, May 1985 to April 1986

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
1	12.65	11.37	9.82	10.02	10.78	10.57	11.21	11.88	12.15	12.23	12.09	12.02
2	12.80	11.28	9.74	10.02	10.77	10.54	11.25	12.03	12.10	12.46	12.08	12.01
3	12.80	11.21	9.65	9.96	10.73	10.49	11.29	12.00	12.14	12.66	12.13	11.97
4	12.72	11.10	9.63	9.96	10.68	10.43	11.32	12.00	12.14	12.90	12.11	12.04
5	12.63	11.01	9.61	10.10	10.79	10.41	11.25	12.05	12.09	13.03	12.12	12.05
6	12.54	10.93	9.59	10.12	10.79	10.39	11.21	12.05	12.13	12.99	12.09	12.06
7	12.52	10.85	9.59	10.14	10.81	10.34	11.24	12.03	12.24	13.03	12.18	12.17
8	12.40	10.75	9.63	10.16	10.82	10.28	11.19	12.04	12.21	13.03	12.06	12.35
9	12.33	10.67	9.64	10.16	10.79	10.31	11.15	12.04	12.13	13.03	12.03	12.29
10	12.33	10.66	9.83	10.19	10.85	10.35	11.20	12.04	12.13	12.96	12.06	12.28
11	12.28	10.74	9.91	10.21	10.85	10.35	11.25	12.21	12.13	12.83	12.21	12.25
12	12.27	10.76	9.93	10.17	10.82	10.32	11.29	12.27	12.13	12.74	12.27	12.23
13	12.24	10.80	10.05	10.15	10.82	10.76	11.27	12.30	12.11	12.64	12.36	12.21
14	12.22	10.83	10.10	10.15	10.74	10.59	11.33	12.17	12.17	12.68	12.41	12.17
15	12.21	10.83	10.19	10.22	10.71	10.56	11.31	12.19	12.12	12.58	12.44	12.22
16	12.18	10.82	10.22	10.32	10.70	10.55	11.33	12.21	12.09	12.50	12.37	12.20
17	12.19	10.85	10.22	10.26	10.65	10.55	11.35	12.30	12.10	12.57	12.29	12.21
18	12.13	10.78	10.21	10.24	10.62	10.52	11.35	12.29	12.23	12.57	12.27	12.19
19	12.07	10.71	10.19	10.25	10.62	10.56	11.44	12.22	12.26	12.56	12.32	12.21
20	12.03	10.62	10.15	10.27	10.61	10.73	11.58	12.22	12.26	12.52	12.35	12.23
21	12.11	10.52	10.16	10.22	10.59	10.72	11.49	12.21	12.28	12.47	12.26	12.31
22	12.19	10.47	10.15	10.21	10.52	10.76	11.46	12.19	12.32	12.37	12.16	12.24
23	12.17	10.40	10.16	10.29	10.59	10.92	11.51	12.18	12.31	12.28	12.14	12.21
24	12.16	10.34	10.09	10.50	10.56	10.93	11.48	12.27	12.28	12.29	12.09	12.18
25	12.10	10.25	10.07	10.61	10.62	11.00	11.45	12.26	12.35	12.20	12.02	12.18
26	12.02	10.23	10.14	10.70	10.59	11.01	11.65	12.11	12.38	12.11	12.00	12.18
27	11.89	10.14	10.15	10.78	10.55	11.06	11.69	12.13	12.30	12.23	12.02	12.12
28	11.79	10.10	10.11	10.82	10.51	11.22	11.79	12.13	12.26	12.13	12.00	12.15
29	11.67	9.99	10.05	10.82	10.47	11.18	11.84	12.13	12.36	---	11.99	12.16
30	11.54	9.89	9.96	10.80	10.63	11.28	11.89	12.13	12.29	---	12.00	12.13
31	11.47	---	9.95	10.83	---	11.20	---	12.15	12.25	---	11.98	---
MEAN	12.21	10.66	9.96	13.54	10.69	10.67	11.40	12.14	12.21	12.59	12.16	12.17
MAX	12.80	11.37	10.22	10.83	10.85	11.28	11.89	12.30	12.38	13.03	12.44	12.35
MIN	11.47	9.89	9.59	9.96	10.47	10.28	11.15	11.88	12.09	12.11	11.98	11.97

Table 13.--Midnight lake stages for lake-stage station 07027000  
Reelfoot Lake near Tiptonville, Tenn.--Continued

Midnight lake stage, in feet, May 1986 to September 1986

DAY	MAY	JUN	JUL	AUG	SEP
1	12.20	12.24	11.90	11.47	10.89
2	12.21	12.22	11.94	11.42	10.88
3	12.15	12.21	11.93	11.41	10.87
4	12.12	12.25	11.87	11.37	10.90
5	12.06	12.26	11.84	11.33	10.90
6	12.05	12.24	11.83	11.27	10.89
7	12.06	12.28	11.81	11.25	10.89
8	12.06	12.34	11.77	11.27	10.84
9	12.11	12.49	11.73	11.24	10.80
10	12.16	12.58	11.68	11.25	10.73
11	12.15	12.59	11.67	11.25	10.81
12	12.17	12.60	11.67	11.23	10.83
13	12.14	12.57	11.70	11.19	10.82
14	12.25	12.53	11.74	11.15	10.79
15	12.41	12.46	11.74	11.10	10.78
16	12.57	12.40	11.72	11.19	10.78
17	12.63	12.35	11.71	11.20	10.78
18	12.87	12.26	11.68	11.19	10.82
19	12.86	12.20	11.66	11.18	10.80
20	12.79	12.17	11.67	11.15	10.81
21	12.68	12.15	11.63	11.13	10.80
22	12.57	12.11	11.60	11.08	10.78
23	12.50	12.11	11.57	11.07	10.76
24	12.53	12.11	11.53	11.07	10.74
25	12.54	12.08	11.49	11.04	10.72
26	12.64	12.05	11.56	11.01	10.72
27	12.63	11.98	11.55	11.03	10.69
28	12.55	12.01	11.54	11.00	10.69
29	12.45	12.00	11.53	10.96	10.65
30	12.37	11.95	11.50	10.91	10.64
31	12.31	---	11.50	10.90	---
MEAN	12.38	12.26	11.69	11.17	10.79
MAX	12.87	12.60	11.94	11.47	10.90
MIN	12.05	11.95	11.49	10.90	10.64

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

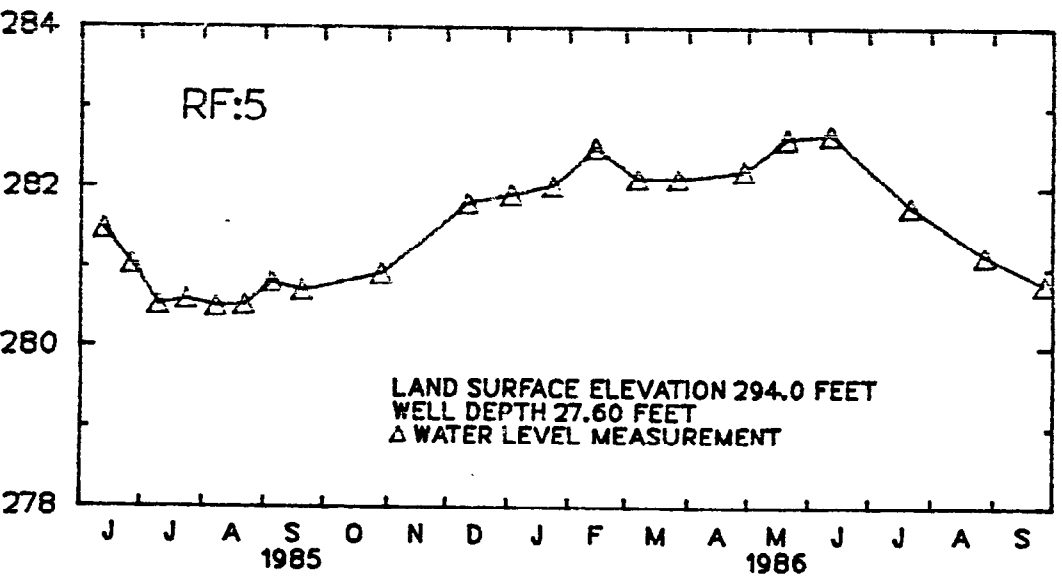
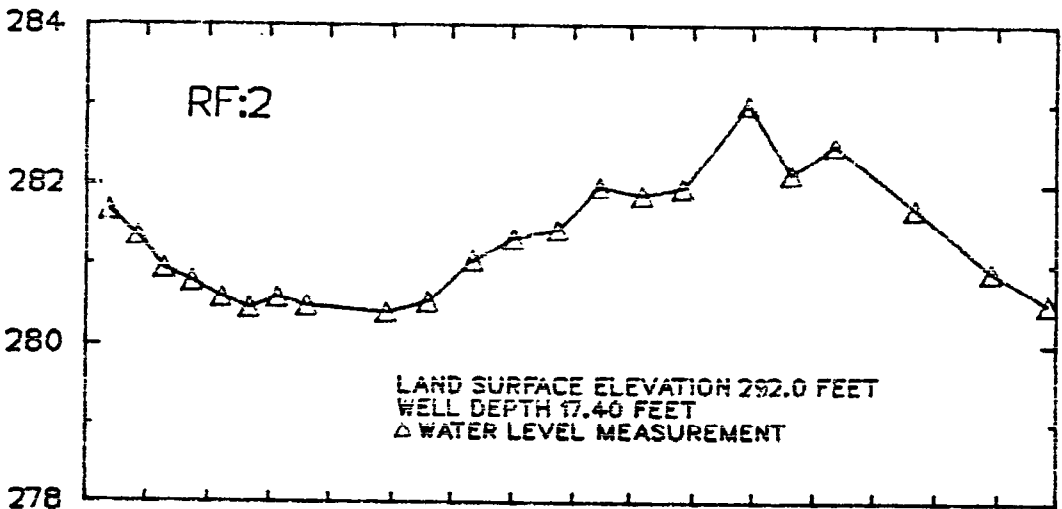
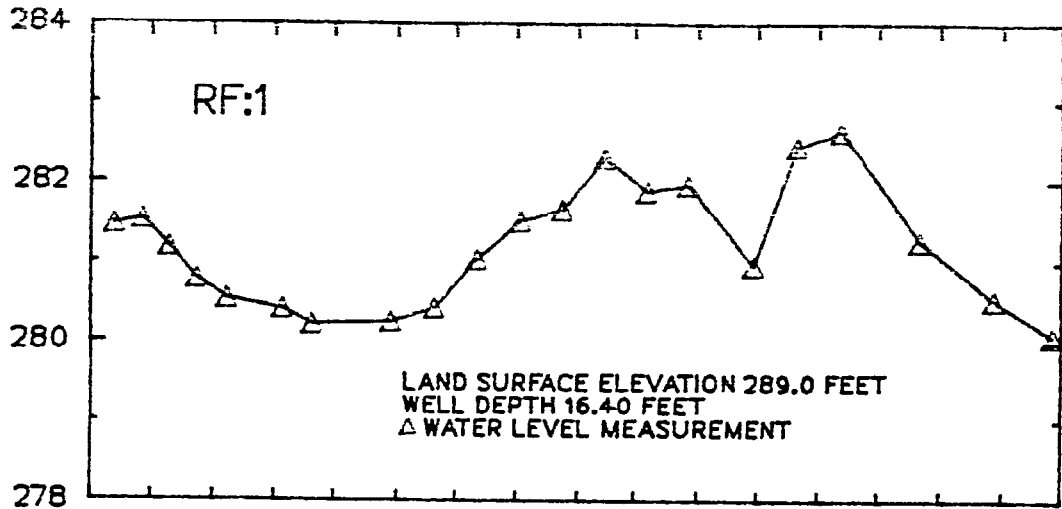


Figure 1.--Hydrographs of wells RF:1, RF:2, and RF:5.

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

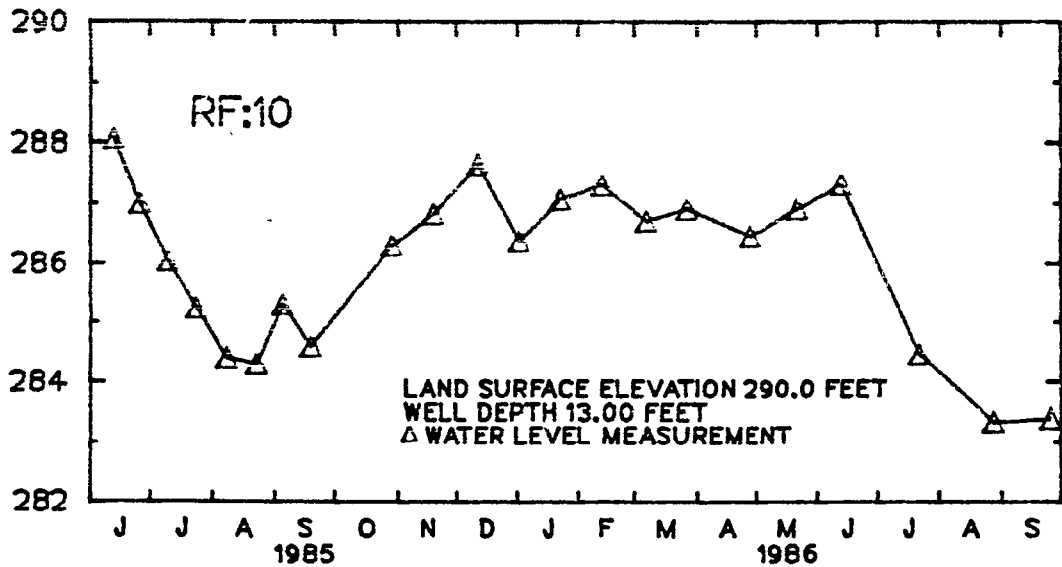
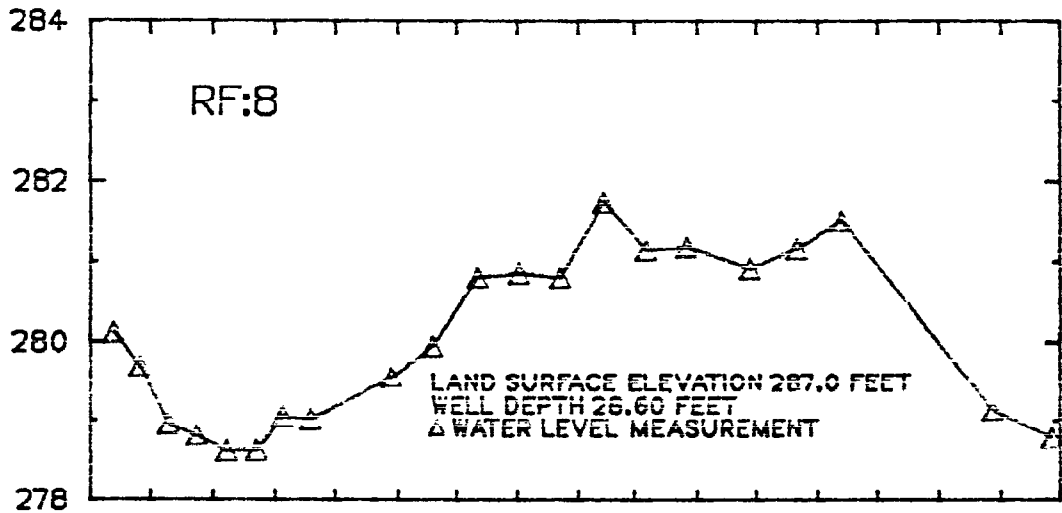
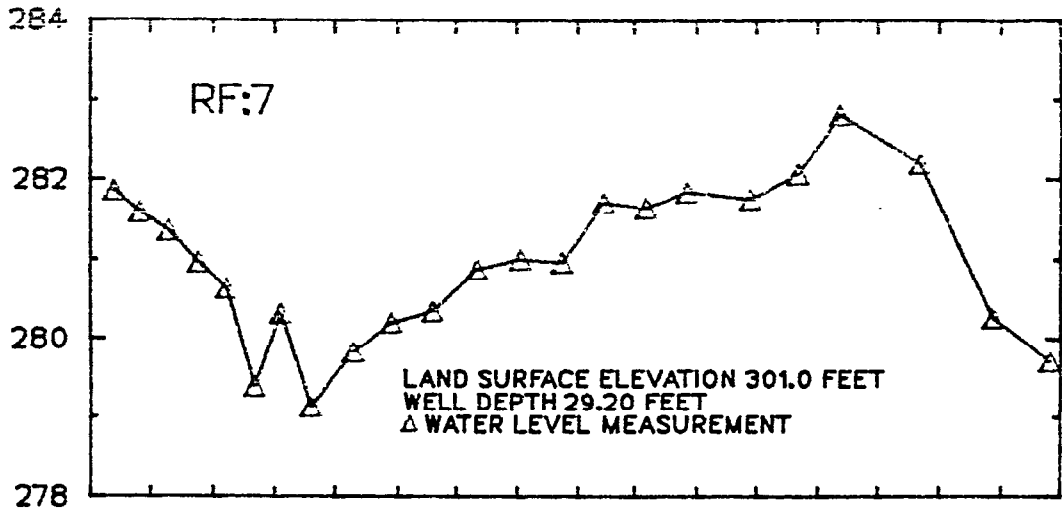


Figure 2.—Hydrographs of wells RF:7, RF:8, and RF:10.

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

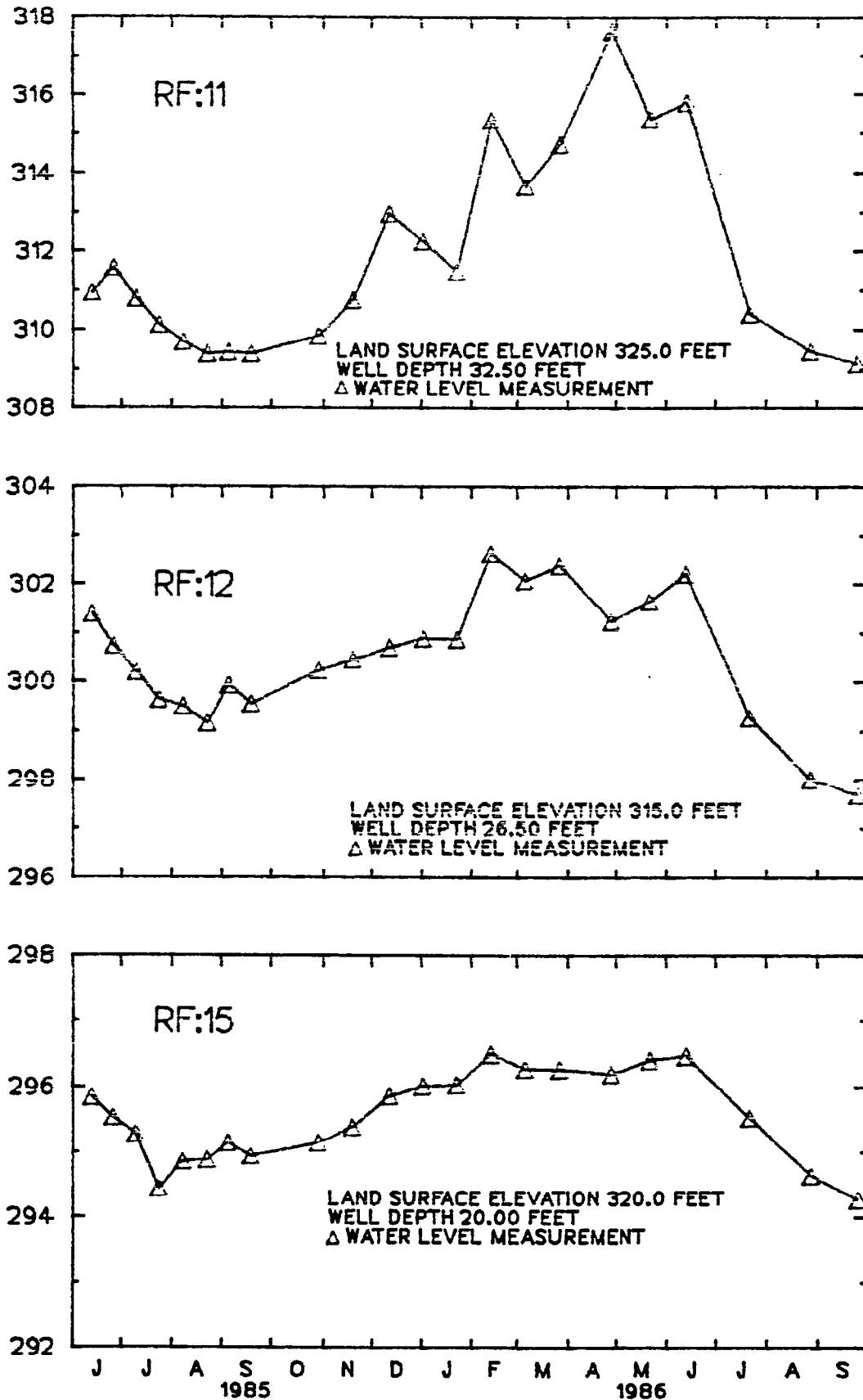


Figure 3.—Hydrographs of wells RF:11, RF:12, and RF:15.



WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

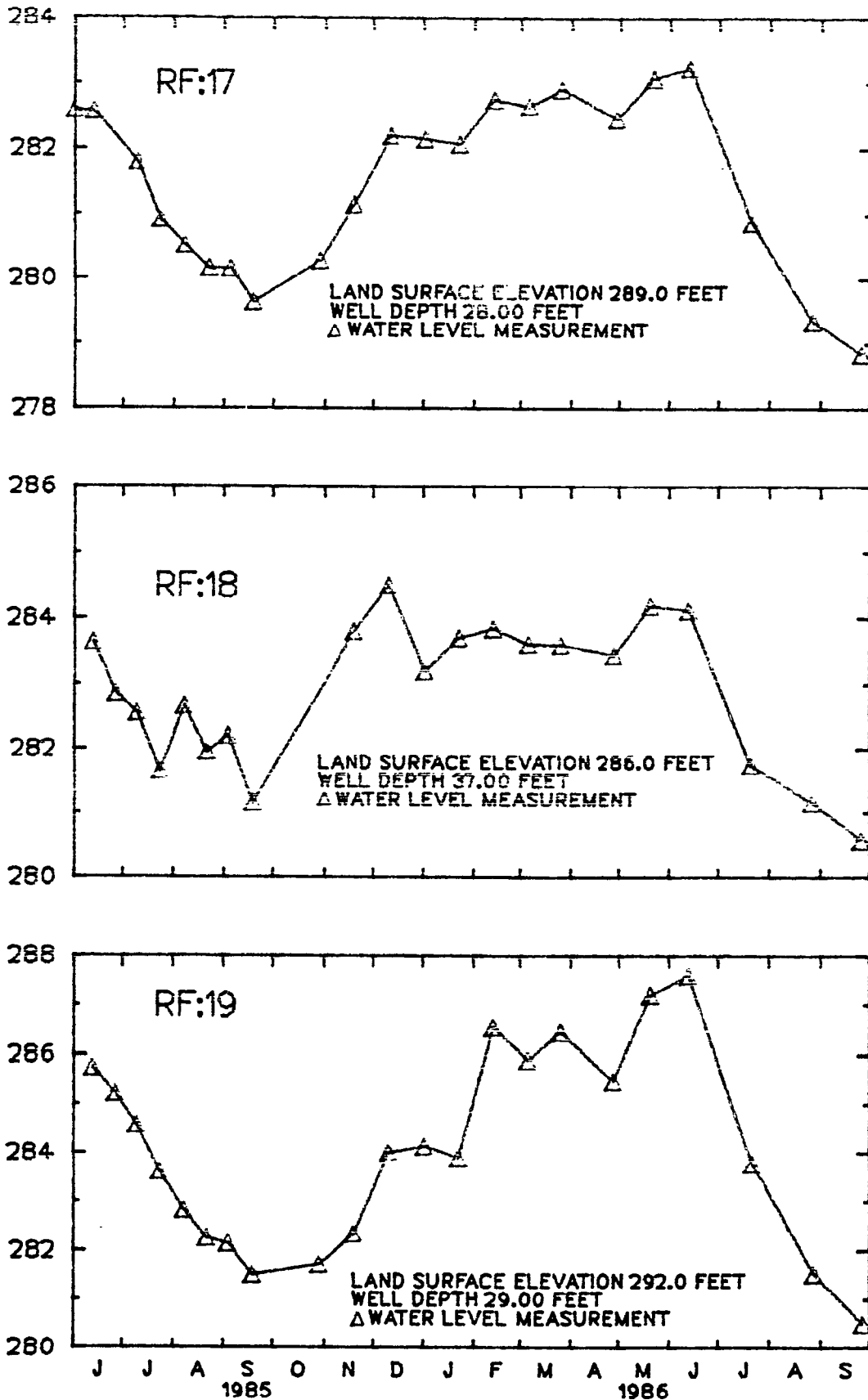


Figure 4.--Hydrographs of wells RF:17, RF:18, and RF:19.

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

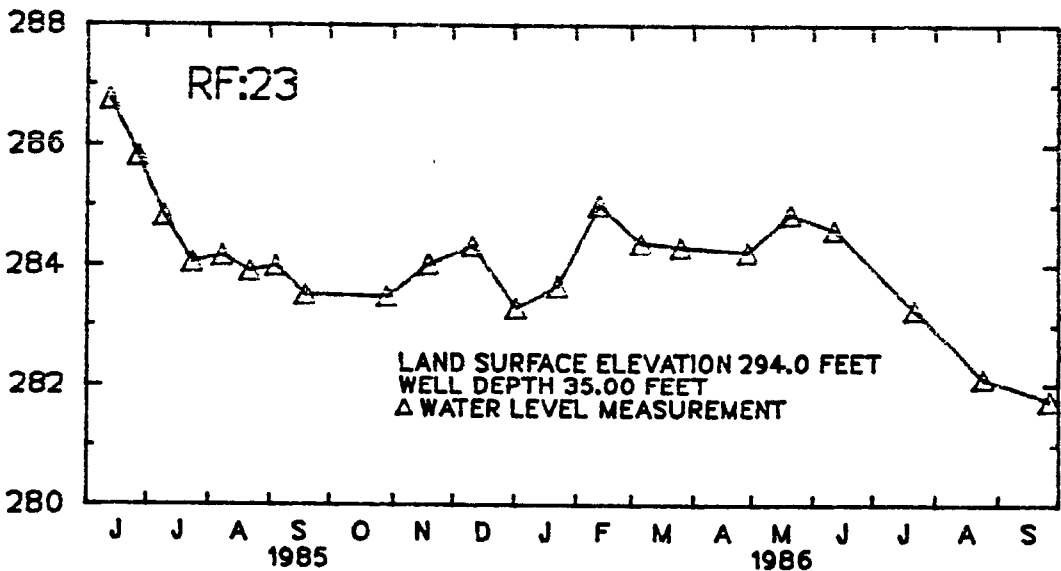
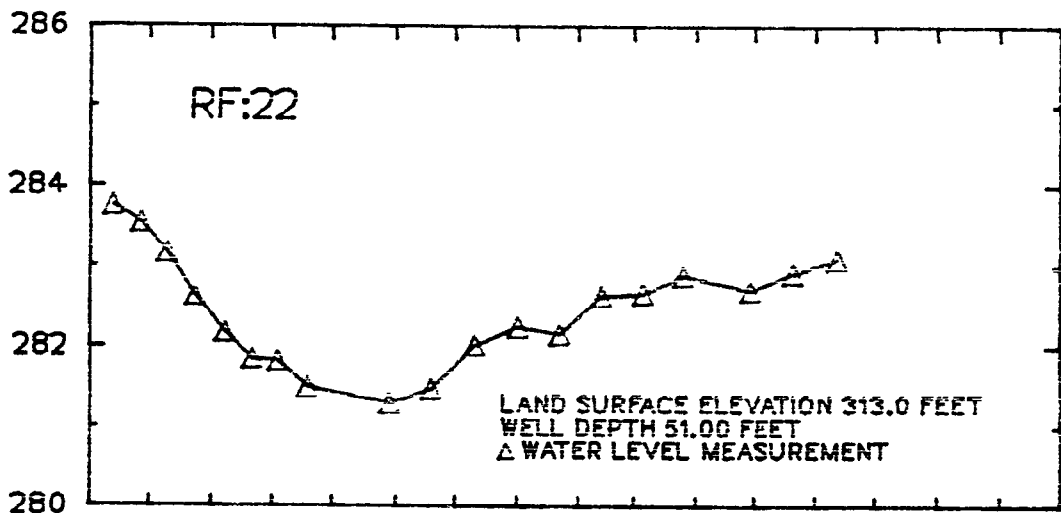
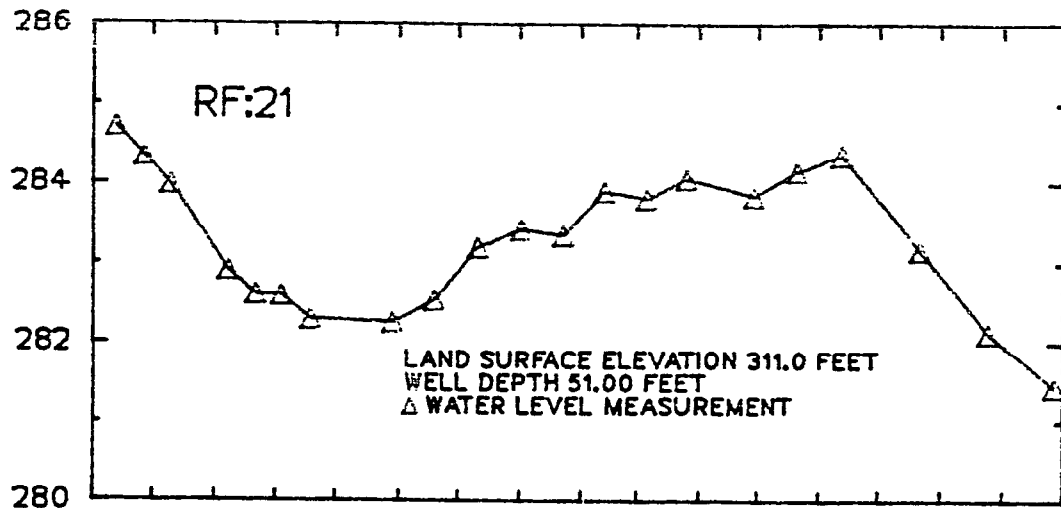


Figure 5.--Hydrographs of wells RF:21, RF:22, and RF:23.

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

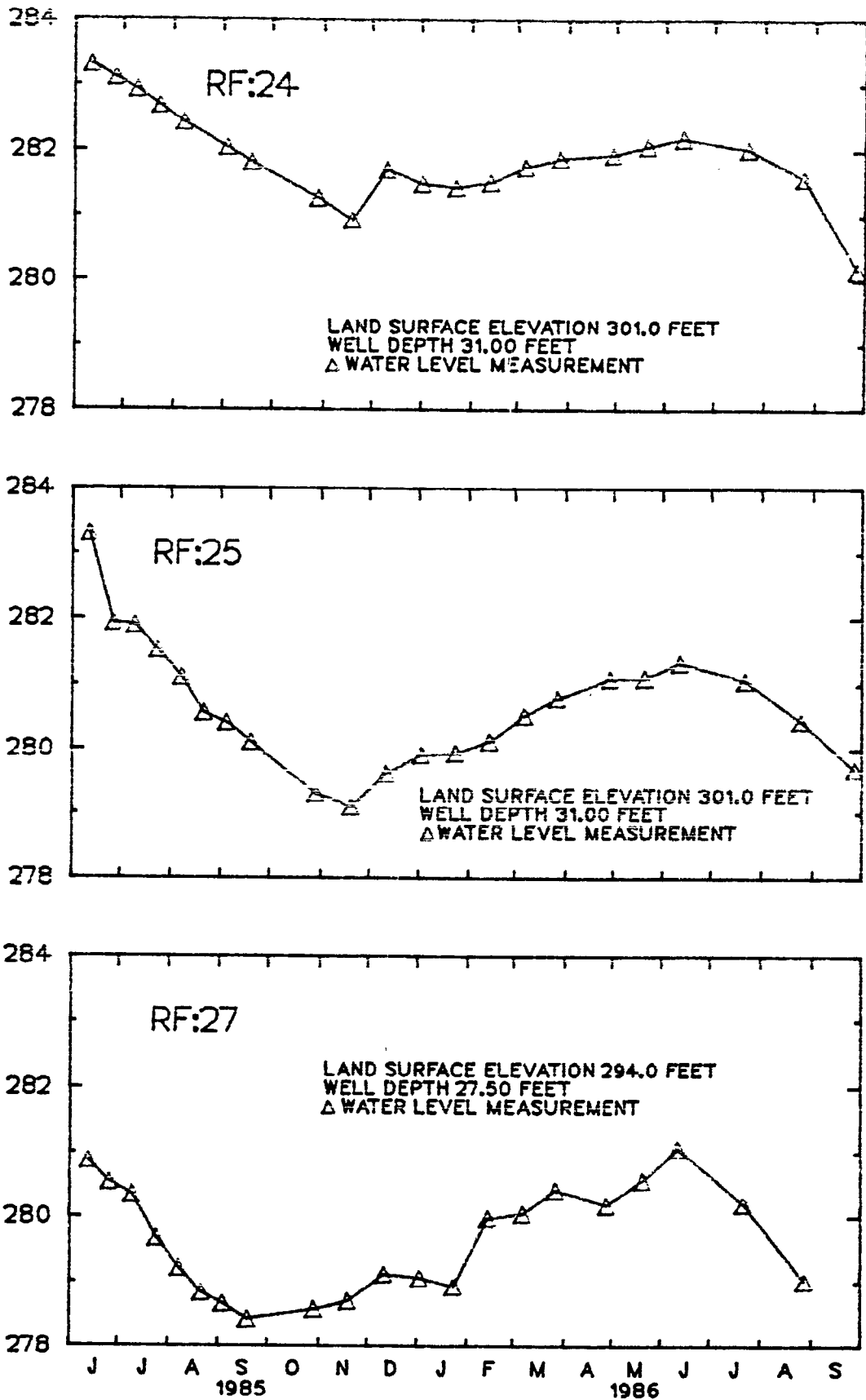


Figure 6.—Hydrographs of wells RF:24, RF:25, and RF:27.

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

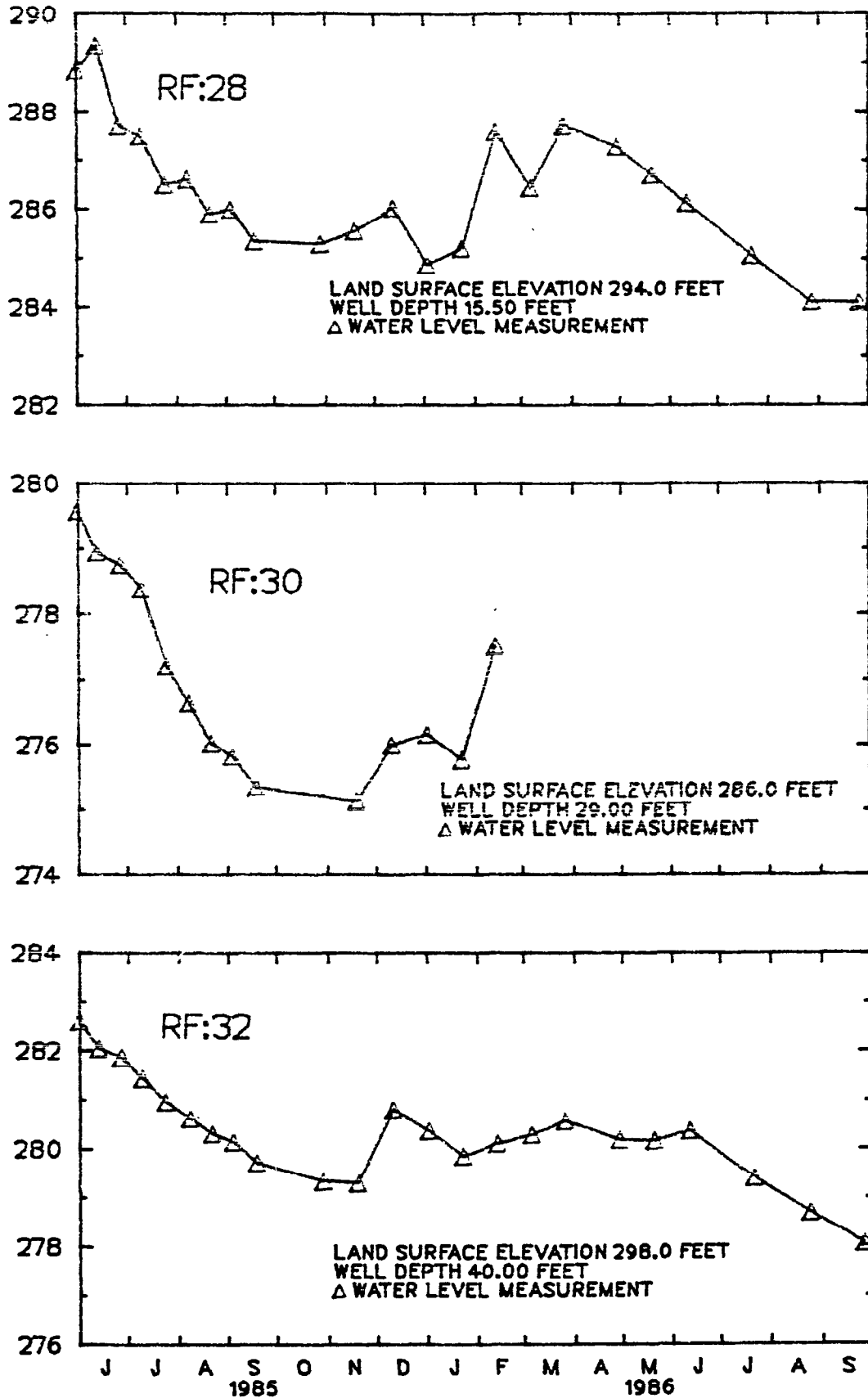


Figure 7.—Hydrographs of wells RF:28, RF:30, and RF:32.

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

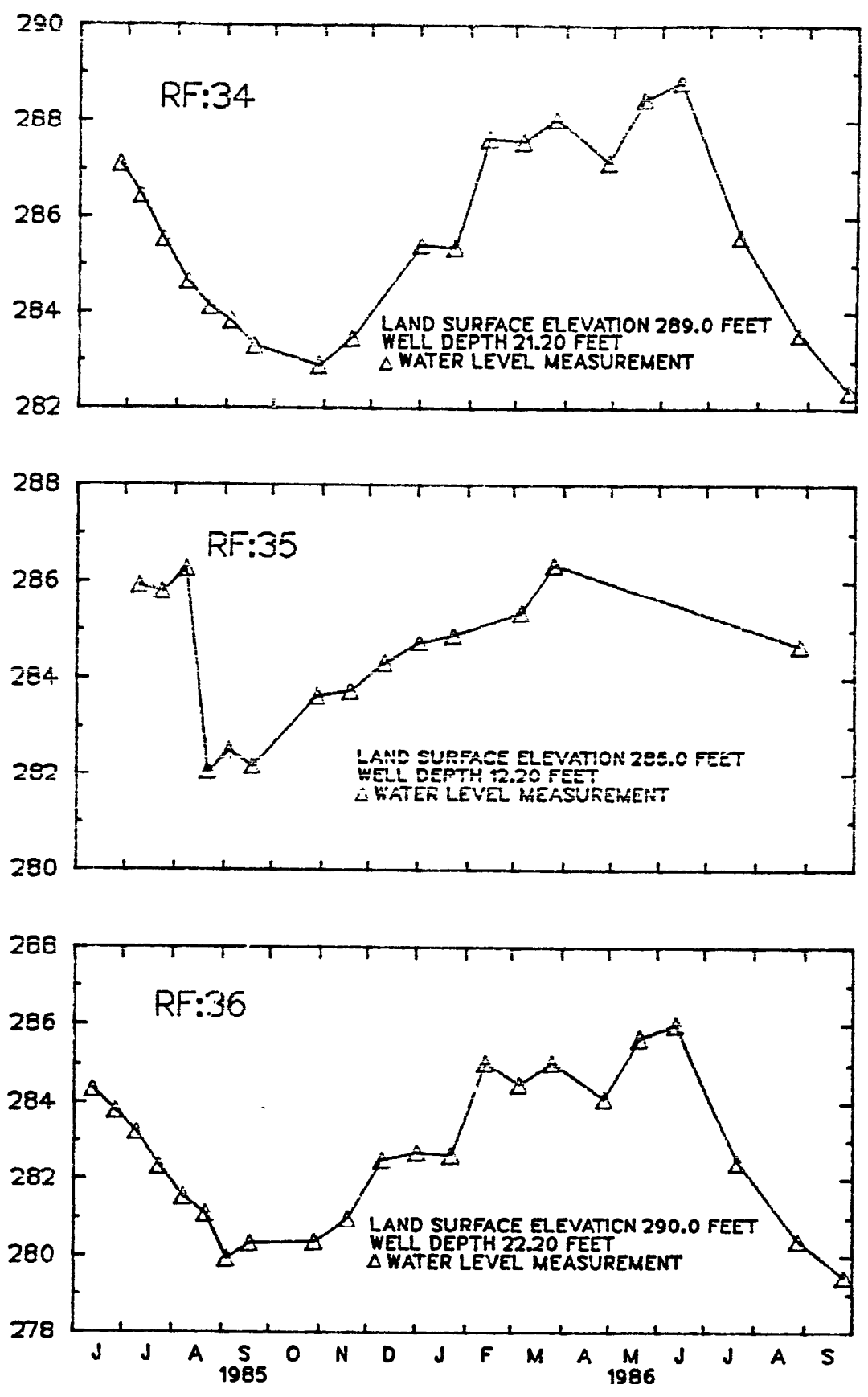


Figure 8.—Hydrograph of wells RF:34, RF:35, and RF:36.

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

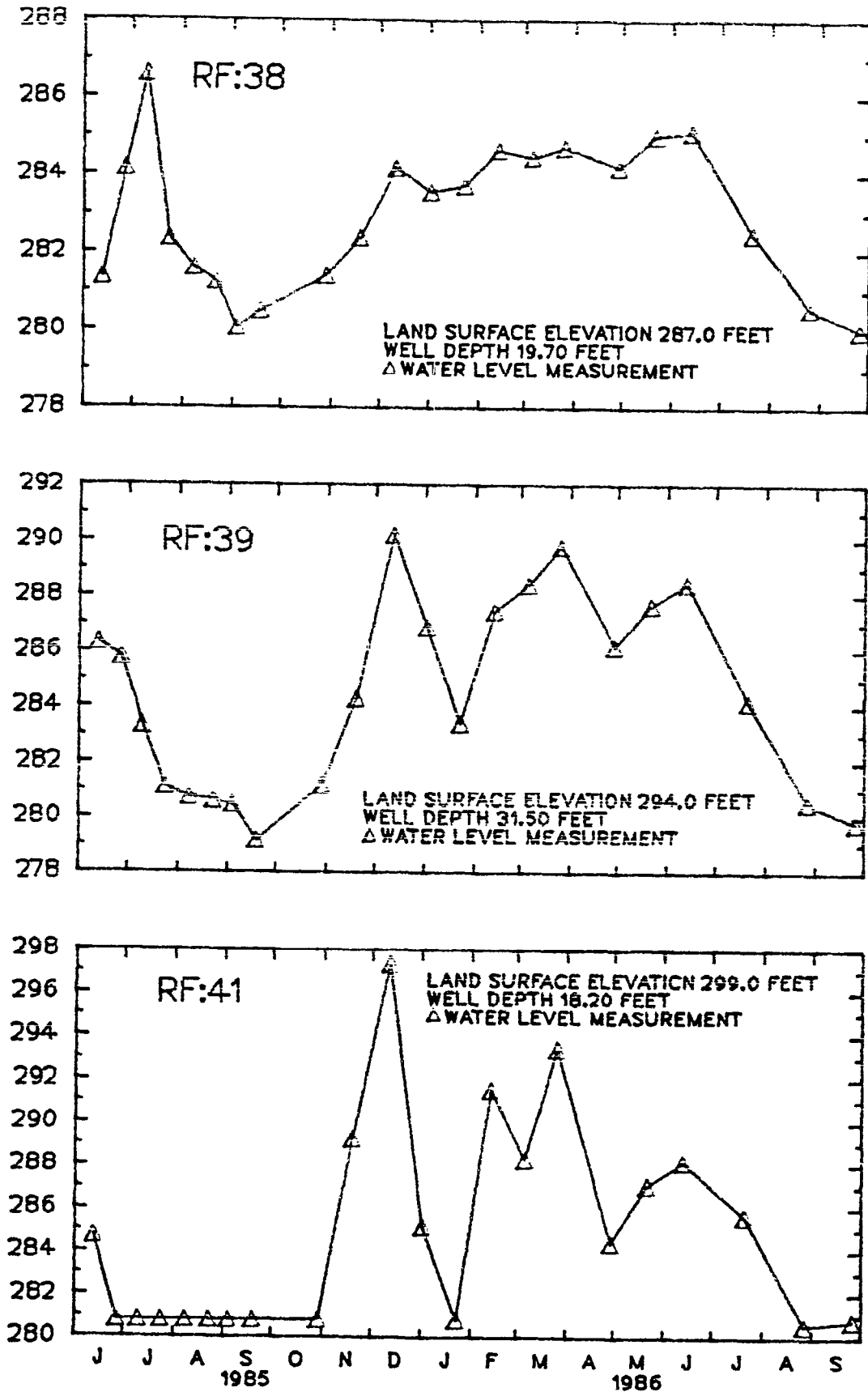


Figure 9.—Hydrographs of wells RF:38, RF:39, and RF:41.

WATER LEVEL, IN FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929

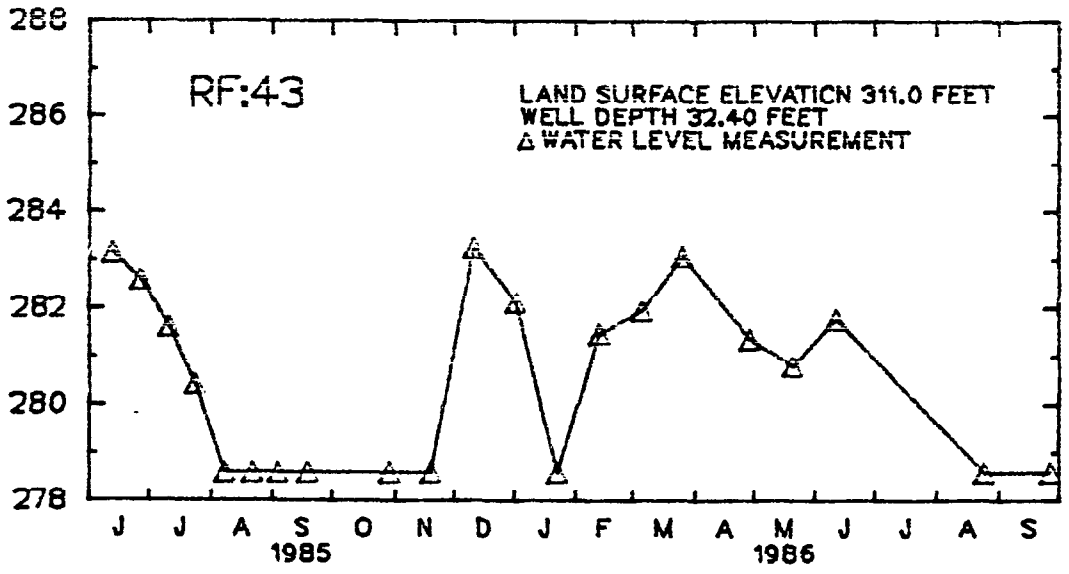
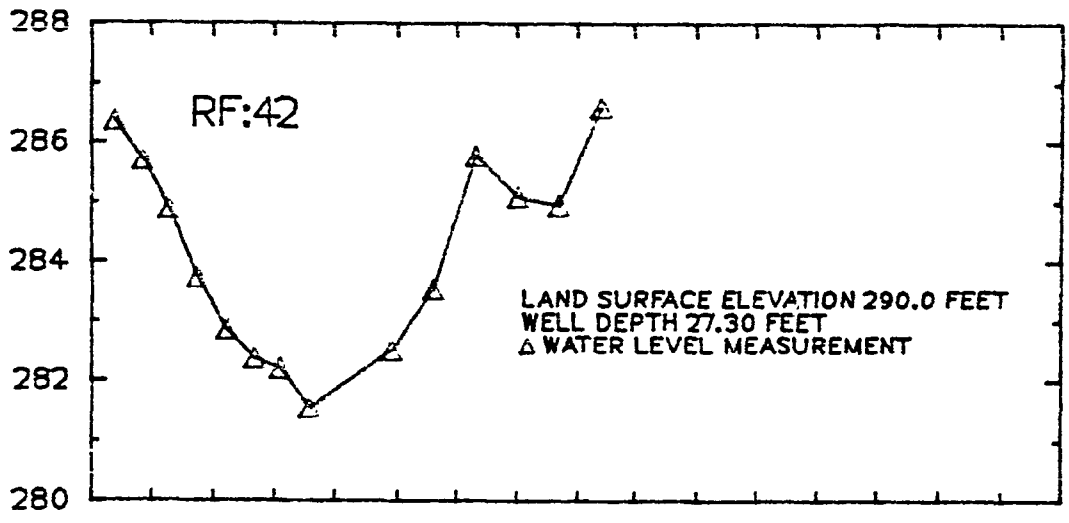


Figure 10.--Hydrographs of wells RF:42 and RF:43.