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WATER-RESOURCES DATA FOR ALACHUA, BRADFORD, CLAY, AND UNION COUNTIES, FLORIDA

By
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Clarence G. Menke, and Joseph W. Cagle, Jr.

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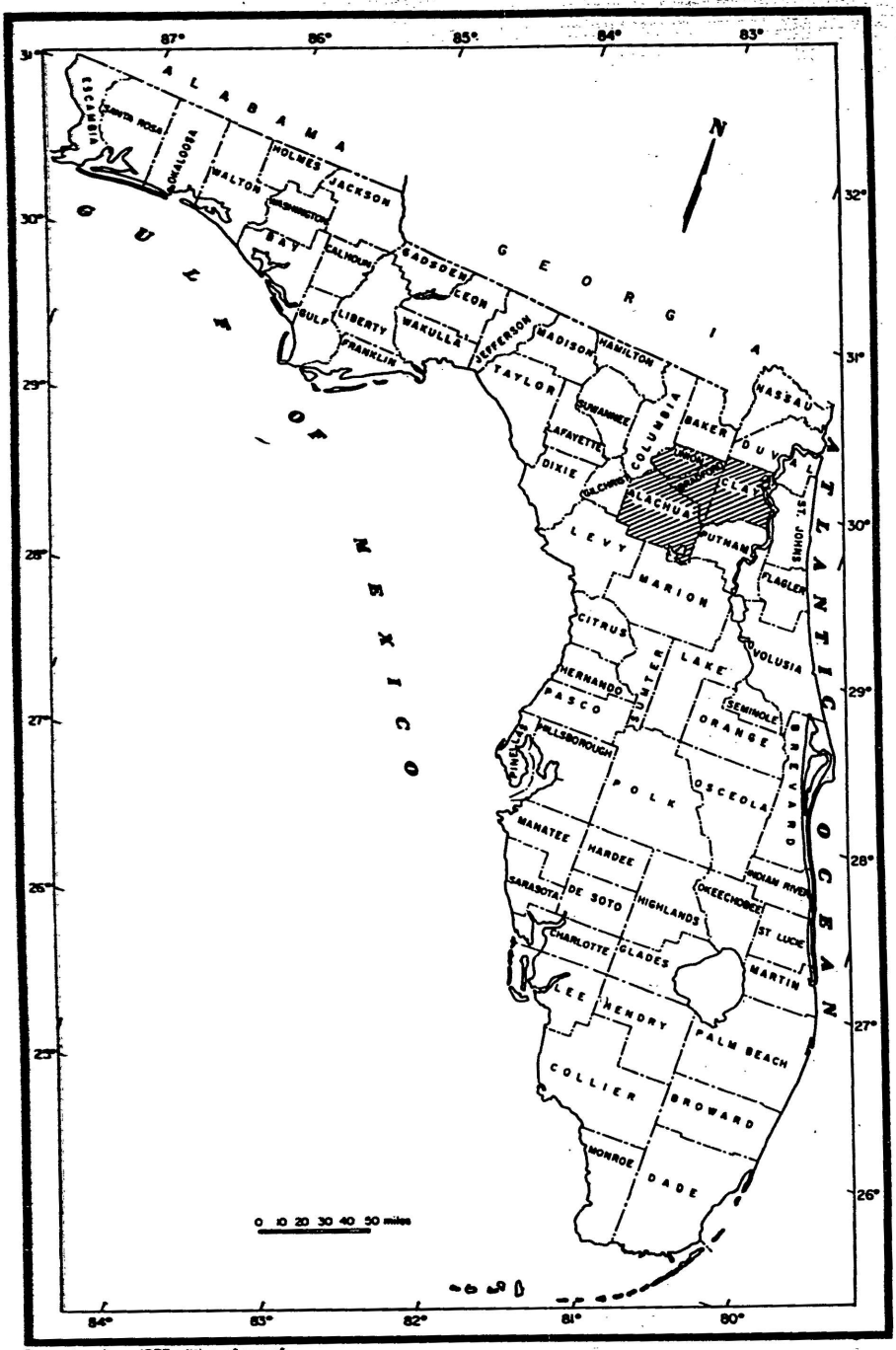
INTRODUCTION

A study of the water resources of Alachua, Bradford, Clay, and Union counties, Florida (fig. 1), was made by the Water Resources Division of the U. S. Geological Survey in cooperation with the Florida Geological Survey during the period 1957-61. The results of this study will be published by the Florida Geological Survey in the following reports by William E. Clark, Rufus H. Musgrove, Clarence G. Menke, and Joseph W. Cagle, Jr.: "Interim Report on the Water Resources of Alachua, Bradford, Clay, and Union Counties, Florida," "Water Resources of Alachua, Bradford, Clay, and Union Counties, Florida," and "Hydrology of Brooklyn Lake, near Keystone Heights, Florida."

The following figures and tables give records of streamflow, stream stages, lake stages, wells, materials penetrated by selected wells, measurements of ground-water levels, and chemical analyses and temperatures of surface and ground waters.



Base taken from 1933 edition of map of Florida by U.S. Geological Survey

Figure 1. Florida showing the location of Alachua, Bradford, Clay, and Union counties.

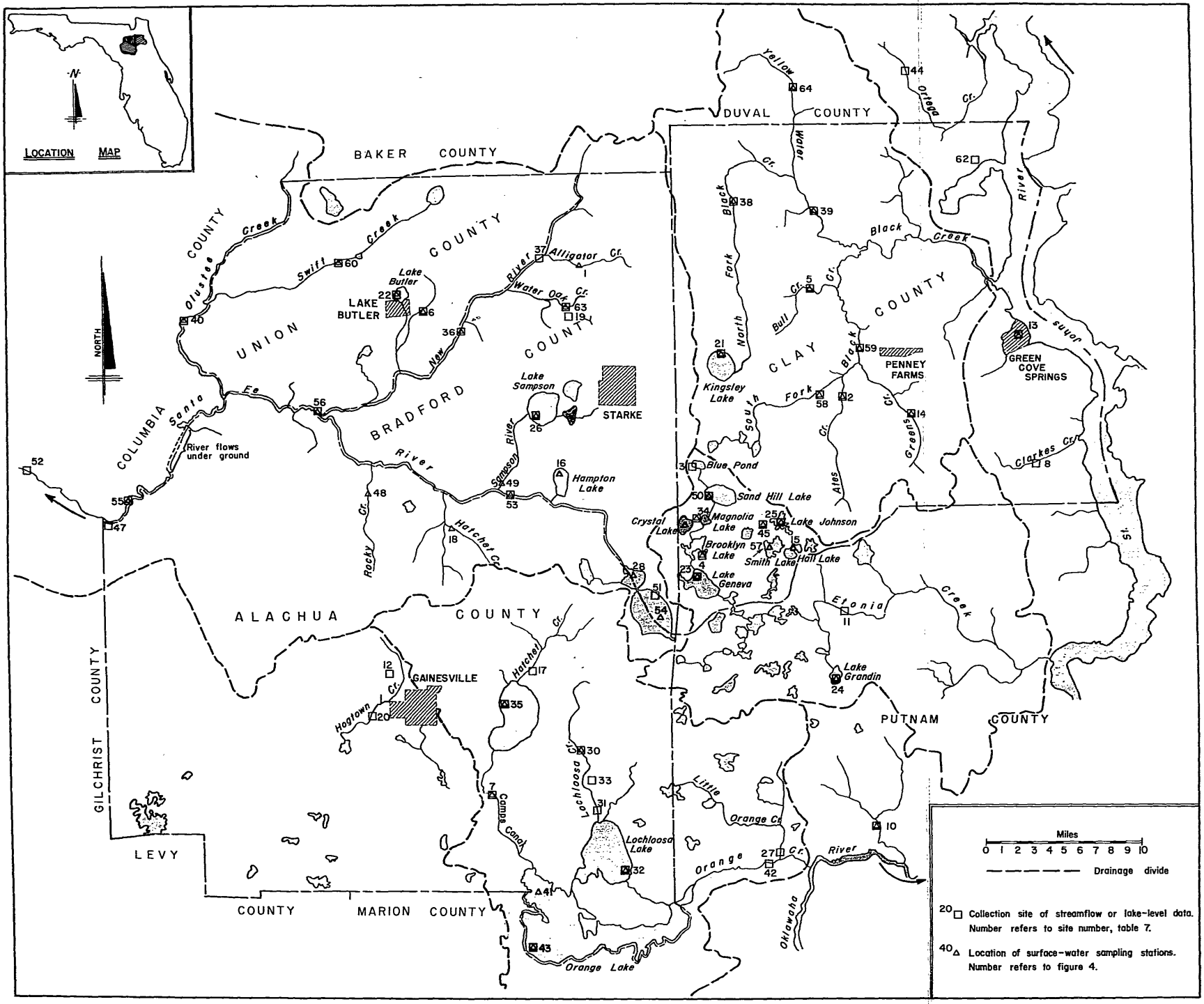


Figure 2. Locations of surface-water data-collection stations and surface-water sampling sites in and near Alachua, Bradford, Clay, and Union counties, Florida.

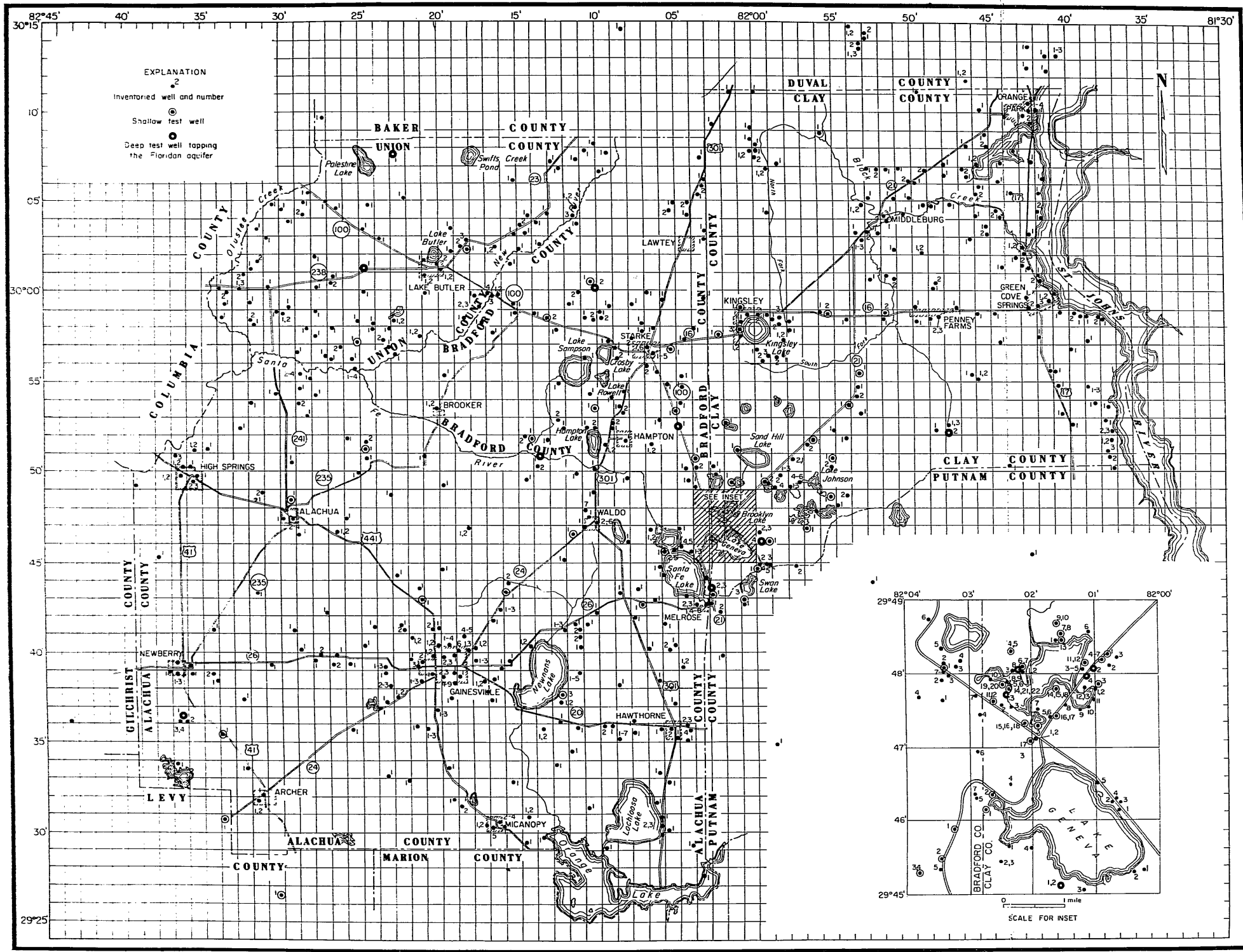


Figure 3. Alachua, Bradford, Clay, and Union counties, Florida, showing the location of wells.

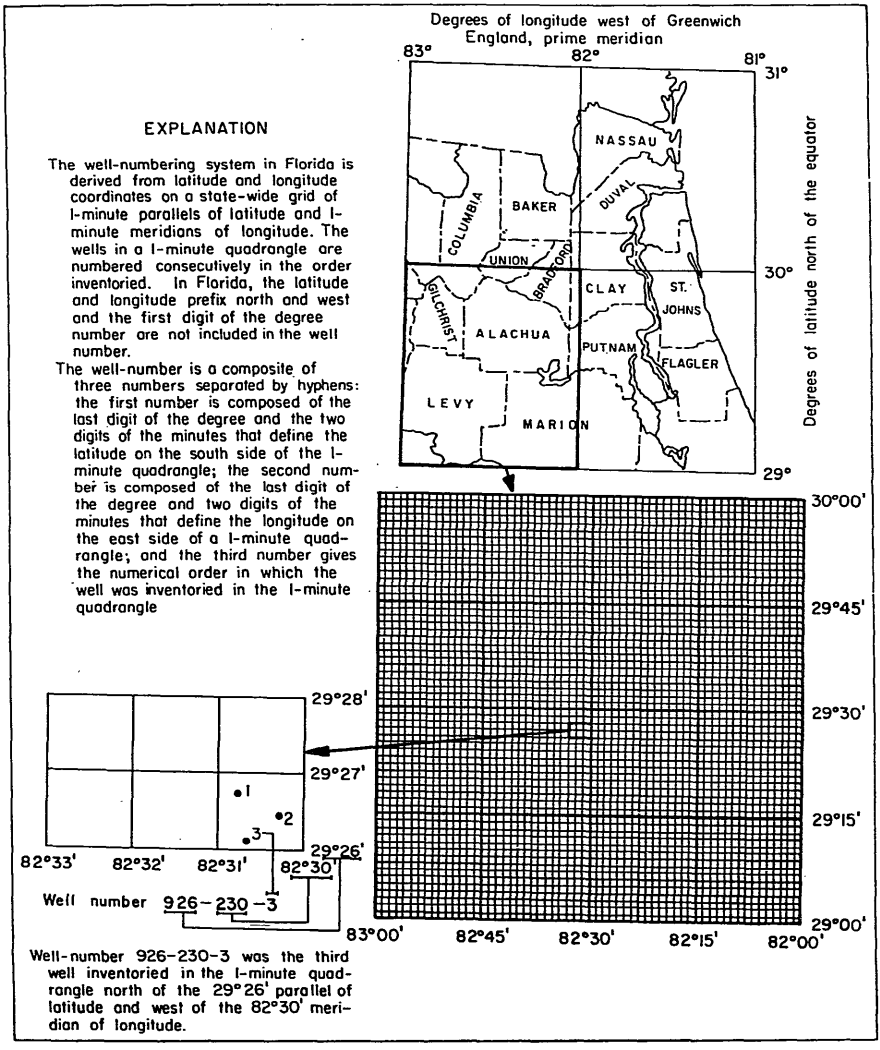


Figure 4. Explanation of well-numbering system.

Table 1. Streamflow, Stream Gages, and Lake Stages

(Number preceding station name is location number on figure 2 and table 7)

2. ATES CREEK NEAR PENNEY FARMS, FLA.

Location.--Lat 29°56'10", long 81°52'15", in NE¼ sec. 35, T. 6 S., R. 24 E., on woods road, 1.. miles upstream from mouth, and 4.9 miles southwest of Penney Farms, Clay County.

Measurements of flow

Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)
9-13-57	21.9	31.84	12-23-58	16.1	31.68	9-28-59	17.5	31.74
10-[illegible]-57	48.3	33.05	2-13-59	37.2	32.67	11-18-59	12.4	31.46
11-21-57	9.7	31.37	3-16-59	776	40.50	1-22-60	10.3	31.37
1-21-58	23.7	31.93	3-17-59	1,300	41.81	4-19-60	13.6	31.53
3-13-58	33.4	32.44	3-19-59	372	39.00	5-31-60	22.9	31.91
5-[illegible]-58	6.9	31.22	4-14-59	14.6	31.62	7-25-60	71.1	33.68
[illegible]-8-58	9.2	31.28	5-20-59	(flood peak)	48.9	7-29-60	568	39.73
[illegible]- 3-58	4.9	31.10	5-26-59	122	35.18			
10-23-58	27.1	32.02	8- 4-59	50.3	33.05			

3. BLUE POND NEAR KEYSTONE HEIGHTS, FLA.

Location.--Lat 29°52'30", long 82°01'55", in NE¼ sec. 19, T. 7 S., R. 23 E., on west side of lake, and 6.0 miles north of Keystone Heights, Clay County.

Records.--Periodic stage October 1958 to May 1961, contours of lake bottom, and 4 measurements of outflow. Maximum stage, 174.45 feet above mean sea level; minimum, 173.31 feet. Maximum depth, 40 feet at a stage of 173.8 feet. Outflow: Apr. 6, 1960, 2.97 cfs, lake stage, 174.14 feet; May 26, 1960, 0.77 cfs, lake stage, 173.56 feet; July 19, 1960, 5.22 cfs, lake stage, 174.16 feet.

4. BROOKLYN LAKE AT KEYSTONE HEIGHTS, FLA.

Location.--Lat 29°47'46", long 82°01'21", in SW¼ sec. 17, T. 8 S., R. 23 E., at bridge on State Highway 21, 0.9 mile northeast of Keystone Heights, Clay County.

Records.--Stage July 17, 1957, to Dec. 31, 1960; contours of lake bottom; and 5 measurements of outflow.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957							98.09	97.95	98.24	97.93	97.66	97.40
1958	97.47	97.43	97.58	98.08	98.53	98.35	98.84	99.36	99.32	99.29	99.63	99.93
1959	100.81	101.39	103.89	105.43	107.14	109.51	110.96	112.20	114.28	115.59	115.85	115.81
1960	115.73	115.83	116.51	116.97	116.34	116.26	116.80	116.93	117.41	116.91	116.55	116.07

Measurements of outflow

Date	Discharge (cfs)	Lake stage (ft., msl)	Date	Discharge (cfs)	Lake stage (ft., msl)
No flow	July 17, 1959, to Oct. 15, 1959		5-27-60	3.82	116.41
3-3-60	0.79	115.82	7-25-60	4.17	116.48
4-6-60	5.13	116.82	9-13-60	14.2	117.35

5. BULL CREEK NEAR MIDDLEBURG, FLA.

Location.--Lat 30°01'49", long 81°53'52", on line between secs. 27 and 28, T. 5 S., R. 24 E., at bridge on State Highway 21, 1.5 miles upstream from mouth and 3.1 miles southwest of Middleburg, Clay County.

Measurements of flow

Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)
11-21-57	14.8	11.14	3-21-59	263	17.54
4-11-58	91.6	14.48	5-20-59	2,250*	22.09
5- 7-58	5.1	10.46	7-29-59	12.4	10.83
7- 2-58	4.4	10.38	7-29-60	284	17.88
3-17-59	615	19.44	8-22-60	7.5	10.49
3-18-59	216	17.26	9-11-60	1,510	21.11

* from rating

6. BUTLER CREEK NEAR LAKE BUTLER, FLA.

Location.--Lat 30°01', long 82°19', in sec. 32, T. 5 S., R. 20 E., at culvert on State Highway 100, 1.6 miles east of Lake Butler, Union County.

Measurements of flow

Date	Discharge (cfs)	Gage Height (ft.)	Date	Discharge (cfs)	Gage Height (ft.)
5- 8-58	16.1	3.27	9-16-59	72.7	5.24
12-16-58	12.7	3.22	3-18-60	271	7.48
3-20-59	180	6.64	5-26-60	.01	2.35
3-17-59	286 (from rating)	7.61			

7. CAMPS CANAL NEAR ROCHELLE, FLA.

Location.--Lat 29°34'33", long 82°15'00", in SW¼ sec. 31, T. 10 S., R. 21 E., at bridge on State Highway 234, 1.8 miles southwest of Rochelle, Alachua County, and 5 miles upstream from Orange Lake.

Records.--March 1948 to November 1952, periodic stage and discharge. Maximum discharge measured during that period, 889 cfs Mar. 16, 1948, at a stage of 66.39 feet above mean sea level; minimum, less than 1 cfs June 27, 1951, at a stage of 59.86 feet.

August 1957 to September 1960, daily stage and discharge. Maximum discharge during that period, 1,040 cfs Mar. 24, 1959, at a stage of 66.65 feet above mean sea level; minimum, 14 cfs Oct. 29, 30, 1958, at a stage of 60.49 feet.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957								164	164	155	82.5	47.5
1958	37.7	42.1	211	215	161	88.4	79.7	77.2	51.1	23.7	37.6	40.2
1959	107	121	504	426	221	276	221	161	174	232	159	86.0
1960	55.5	50.0	253	260	103	54.6	99.5	329	336			

Month-end stage, in feet above mean sea level

1957								62.49	62.78	62.02	61.53	61.02
1958	61.19	61.52	63.10	63.18	62.04	61.37	61.50	61.41	60.71	60.57	61.04	61.27
1959	62.00	62.25	65.39	63.01	63.43	63.20	62.57	62.22	62.60	63.01	62.16	61.78
1960	61.50	62.06	64.18	62.75	61.90	61.88	63.49	63.82	64.25			

8. CLARKES CREEK NEAR GREEN COVE SPRINGS, FLA.

Location.--Lat 29°52'40", long 81°39'52", in NE¼ sec. 23, T. 7 S., R. 26 E., at bridge, 3.1 miles upstream from mouth and 7.8 miles south of Green Cove Springs, Clay County.

Measurements of flow

Date	Discharge (cfs)	Gage Height (ft.)	Date	Discharge (cfs)	Gage Height (ft.)
11-22-57	3.6	7.90	6-23-60	15.4	9.30
7- 7-58	3.4	7.90	7-29-60	65.1	10.80
12-10-58	6.2	8.14	8-19-60	4.4	8.15
3-21-59	112	11.22	9-11-60	(flood peak)	13.66

10. DEEP CREEK NEAR RODMAN, FLA.

Location.--Lat 29°32'28", long 81°50'12", in NW¼ sec. 18, T. 11 S., R. 25 E., at concrete bridge on State Highway 310, 2.7 miles upstream from mouth, 4.7 miles west of Rodman, Putnam County, and 6.9 miles northeast of Orange Springs.

Measurements of flow

Date	Discharge (cfs)	Gage Height (ft.)	Date	Discharge (cfs)	Gage Height (ft.)
4-24-56	40.3	-	3-18-60	1,280(from rating)	14.16
11-22-57	59.8	9.66	7-29-60	451	12.10
9- 9-58	68.6	9.77	8-22-60	80.2	10.12
2- 3-59	74.3	10.08	2- 6-61	144	11.00
3-18-59	766	12.94			

11. ETONIA CREEK NEAR FLORAHOME, FLA.

Location.--Lat 29°44'05", long 81°51'45", in sec. 2, T. 9 S., R. 24 E., at county road bridge, 1.5 miles east of Florahome.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1950	18.1	11.1	36.6	19.9	7.68	13.9	64.6	21.2	109	170	73.2	40.3
1951	39.3	28.8	28.6	22.6	13.1	7.22	13.1	17.8	17.9			

Month-end stage, in feet above mean sea level

1950	70.49	70.28	70.92	70.47	70.06	70.89	70.13	69.41	70.70	70.50	69.74	70.16
1951	69.52	69.37	69.52	69.25	69.06	69.22	69.36	69.23	69.26			

12. GLEN SPRINGS NEAR GAINESVILLE, FLA.

Location.--Two miles north of Gainesville and 0.5 mile west of U. S. Highway 441.

Records.--Measurements of discharge: Dec. 10, 1941, 0.32 cfs; Apr. 16, 1946, 0.33 cfs; Apr. 24, 1956, 0.36 cfs; Oct. 17, 1960, 0.42 cfs.

13. GREEN COVE SPRINGS AT GREEN COVE SPRINGS, FLA.

Location.--In Green Cove Springs opposite Qui-Si-Sana Hotel on U. S. Highway 17.

Records.--Measurements of discharge: Feb. 12, 1929, 5.4 cfs; Apr. 18, 1946, 4.42 cfs; Oct. 4, 1950, 4.15 cfs; June 18, 1954, 2.68 cfs; Apr. 25, 1956, 2.74 cfs; Oct. 19, 1960, 3.52 cfs.

14. GREENS CREEK NEAR PENNEY FARMS, FLA.

Location.--Lat 29°54'38", long 81°47'40", in SW¼ sec. 3, T. 7 S., R. 25 E., at county road bridge 5 miles south of Penney Farms, Clay County.

Measurements of flow

Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)
9-11-57	46.2	53.33	12-12-58	142	54.27	1- 6-60	1.16	51.69
10- 8-57	15.6	52.89	2- 4-59	5.17	52.25	3- 2-60	8.72	52.47
11-21-57	1.37	51.58	3-16-59	265	54.75	3-17-60	724	56.10
1-21-58	10.2	52.54	3-19-59	180	54.35	4-27-60	4.71	52.01
3-18-58	13.1	52.76	3-21-59	309	54.87	6-23-60	12.8	52.64
4-11-58	22.3	53.12	4- 3-59	41.4	53.41	7-29-60	206	54.54
5- 7-58	1.89	51.66	5-20-59	(flood peak)	58.78	8-18-60	2.39	51.79
7- 3-58	.42	51.48	7-29-59	.94	51.51	9-11-60	847	56.27
9- 3-58	.26	51.37	9-22-59	26.7	53.29			
10-23-58	4.40	51.95	11-11-59	.99	51.61			

17. HATCHET CREEK NEAR GAINESVILLE, FLA.

Location.--Lat 29°42', long 82°12', corner of secs. 21, 22, 27, 28, T. 9 S., R. 21 E., at bridge on State Highway 26, 1.2 miles upstream from Newnans Lake and 7.5 miles northeast of Gainesville.

Measurements of flow

Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)
3-11-48	2,000	76.86	3-19-59	1,700 (from rating)	76.41
4-24-56	.54	70.29	3-21-59	1,370	75.93
11-18-57	5.29	70.78	1-20-60	9.16	70.44
7- 1-58	17.0	71.47	5-24-60	2.30	70.00
12- 9-58	33.0	72.34	7-16-60	145	72.90

19. HEILBRONN SPRING NEAR STARKE, FLA.

Location.--About 6 miles northwest of Starke and 0.1 mile south of State Highway 16.

Records.--Measurements of discharge: 1903, 100 gpm; 1913, 250 gpm; May 8, 1946, 36 gpm; May 2, 1956, 12 gpm; Oct. 18, 1960, 33 gpm.

20. HOGTOWN CREEK NEAR GAINESVILLE, FLA.

Location.--Lat 29° 39', long 82° 23', in sec. 2, T. 10 S., R. 19 E., on Newberry Road about 400 feet downstream from University Avenue in Gainesville.

Measurements of flow

Date	Discharge (cfs	Stage (ft., msl)	Date	Discharge (cfs)	Stage ft., msl)
3- 3-58	67.0	66.91	3-17-59	413	68.46
5-12-58	9.94	62.52	3-19-59	85.9	67.02
12- 8-58	7.62	65.55	11- 9-59	8.54	65.75
3-15-59	381	68.31	3-18-60	521 (from rating)	68.76
3-16-59	226	67.78	5-24-60	2.48	65.41

21. KINGSLEY LAKE AT CAMP BLANDING, FLA.

Location.--Lat 29°58'28", long 81°59'22", in SE¼ sec. 15, T. 6 S., R. 23 E., on dock at Officers' club on northeast shore of lake at Camp Blanding, Clay County.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1945						176.58	177.18	177.03	176.86	176.56	176.52	177.01
1946	176.62	176.32	176.32							176.27		
1947			176.46		176.46	176.42	176.46	176.44	176.90	177.06	176.58	176.42
1948	176.68	176.58	176.78	176.34	175.92	175.84	176.12	176.32	176.32	176.38	176.34	176.40
1949	176.38	176.42	176.22	176.36	176.20	176.34	176.24	176.18	176.60	176.22	176.38	176.28
1950	176.18	175.98	176.12	175.98	175.92	175.76	176.58	176.36	177.34	177.56	176.82	176.80
1951	176.74	176.72	176.78	176.78	176.42	176.22	176.36	176.62	176.82	176.68	176.76	176.84
1952	176.84	177.06	176.90	176.66	176.70	176.66	176.58	176.36	176.58	176.50	176.34	176.20
1953	176.60	176.62	176.66	177.08	176.58	176.70	177.22	177.72	176.98	176.44	176.38	176.72
1954	176.54	176.48	176.42	176.42	175.98	175.82	175.78	175.52	175.42	175.52	175.30	175.16
1955	175.42	175.66	175.58	175.48	175.18	174.90	175.04	175.02	175.12	174.86	174.72	174.58
1956	174.60	174.84	174.48	174.62	174.78	174.92	175.08	174.94	174.92	175.42	175.12	175.02
1957	174.92	174.90	175.02	175.10	175.20	175.70	176.00	176.58	176.58	176.40	176.38	176.18
1958	176.22	176.22	176.68	176.72	176.41	176.26	176.50	176.34	176.01	175.98	176.16	176.31
1959	176.49	176.61	177.05	176.73	176.91	176.40	176.54	176.28	176.82	176.47	176.26	176.18
1960	176.16	176.40	176.62	176.45	176.08	176.16	176.70	176.34	176.68	176.34	176.12	176.00

22. LAKE BUTLER AT LAKE BUTLER, FLA.

Location.--Lat 30°02', long 82°20', in sec. 30, T. 5 S., R. 20 E., at city park 0.3 mile north of court house at Lake Butler, Union County.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957							130.80	130.74	130.56	130.36	130.40	130.38
1958	130.56	130.96	131.24	131.28	130.96	130.76	130.80	131.08	130.76	130.72	130.92	131.02
1959	131.34	131.34	132.22	131.42	132.38	131.34	131.20	130.86	131.18	131.10	130.60	130.46
1960	130.42	131.04	131.70	130.94	130.48	130.94	131.20	131.58	131.48	131.08	130.62	130.44

23. LAKE GENEVA AT KEYSTONE HEIGHTS, FLA.

Location.--Lat 29°46'26", long 82°01'59", in NE¼ sec. 30, T. 8 S., R. 23 E., 0.1 mile east of State Highway 21, 0.8 mile south of Keystone Heights, Clay County.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957							100.69	100.58	100.89	100.79	100.66	100.48
1958	100.54	100.57	100.81	100.88	100.61	100.39	100.44	100.33	100.01	99.81	99.92	99.99
1959	100.14	100.25	100.89	100.88	101.13	101.42	101.59	101.99	102.31	102.37	102.23	102.19
1960	102.19	102.28	102.67	102.79	102.55	102.88	103.57	103.81	104.73	105.17	105.45	105.49

24. LAKE GRANDIN NEAR INTERLACHEN, FLA.

Location.--Lat 29°40'16", long 81°52'55", in NE¼ sec. 34, T. 9 S., R. 24 E., on boat house in Grandin Shores Development 2.8 miles north of Interlachen, Putnam County, on south shore of lake.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957							80.39	80.79	81.29	81.10	81.07	80.99
1958	81.21	81.29	81.53	81.40	81.22	81.29	81.49	81.21	81.15	81.05	81.23	81.43
1959	81.51	81.53	82.09	81.91	81.95	81.6	81.75	81.45	81.59	-	81.49	81.49
1960	81.43	81.59	82.15	81.95	81.51	81.65	82.39	82.13	82.31	-	81.99	-

25. LAKE JOHNSON NEAR KEYSTONE HEIGHTS, FLA.

Location.--Lat 29°49'31", long 81°57'07", in SE¼ sec. 1, T 8 S., R. 23 E., on dock at bathing beach on northwest shore of lake in Gold Head Branch State Park, 5½ miles northeast of Keystone Heights, Clay County.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1945							97.67	97.95	98.15	98.01	97.71	98.41
1946	98.45	98.45	98.41	98.25	98.91	98.91	99.11	99.59	99.85	99.99	99.97	99.79
1947	99.69	99.81	100.31	100.21	100.05	99.95	99.87	100.01	100.21	101.31	101.91	102.11
1948	102.61	102.35	103.91	103.69	103.41	103.51	103.41	103.71	-	105.1	103.87	103.51
1949	103.51	104.[illegible]	103.31	103.41	102.81	103.01	102.71	102.71	102.61	102.48	102.21	102.01
1950	101.71	101.21	101.21	100.91	-	99.49	99.71	99.41	-	-	99.61	100.03
1951	100.19	-	-	-	-	97.81	97.51	-	97.61	97.76	97.31	97.31
1952	97.01	96.91	96.81	96.9[illegible]	97.11	96.83	96.63	96.71	96.61	96.61	-	96.03
1953	96.03	96.09	96.03	96.21	95.81	95.61	96.09	97.35	97.76	98.21	98.41	98.91
1954	98.95	99.07	98.79	98.71	98.29	97.77	97.63	97.21	97.11	97.01	96.71	96.21
1955	-	96.01	95.59	95.03	94.43	93.81	93.71	93.15	92.88	92.89	92.87	92.79
1956	92.93	92.79	92.41	92.30	92.17	92.31	92.14	92.03	91.95	92.31	92.07	91.97
1957	91.97	92.01	92.31	92.01	92.79	93.23	94.65	94.83	95.01	94.99	95.04	95.03
1958	95.05	95.02	95.01	95 01	94.99	95.01	95.01	95.01	95.01	95.01	94.93	95.01
1959	94.99	95.0	95.06	95.11	95.26	95.25	95.15	95.28	95.34	95.73	95.70	95.67
1960	95.60	95.72	96.35	96.45	96.37	96.23	-	-	98.21	98.29	98.35	98.35

26. LAKE SAMPSON NEAR STARKE, FLA.

Location.--Lat 29°55'19", long 82°12'14", in NE¼ sec. 4, T. 7 S., R. 21 E., at lake outlet, 0.4 mile northeast of Sampson City and 5.8 miles west of Starke.

Month-end stage, in feet above mean sea level

Year.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957							132.34	132.35	132.50	132.49	131.98	131.64
1958	131.77	132.57	133.40	132.74	131.72	130.97	131.97	132.26	131.13	130.82	130.84	131.64
1959	132.38	132.48	135.27	133.38	135.76	133.98	132.29	131.53	133.74	133.16	131.96	131.30
1960	131.02	131.42	134.12	132.36	131.36	131.42	134.18	133.38	134.17	132.72	-	

Outflow from lake (Sampson River) at State Highway 225

Date	Discharge (cfs)	Lake stage (ft., msl)	Date	Discharge (cfs)	Lake stage (ft., msl)
11-19-57	20.1	132.10	9-16-59	159	133.74
7-10-58	48.1	132.06	1-20-60	18.3	131.06
2- 4-59	57.0	132.28	5-24-60	30.4	131.34
3-23-59	325	136.15	7-16-60	61.6	132.13

27. LITTLE ORANGE CREEK NEAR ORANGE SPRINGS, FLA

Location.--Lat 29°31'22", long 81°56'26", in NW¼ sec. 19, T. 11 S., R. 24 E., at county road bridge 0.4 mile east of State Highway 315, and 1.2 miles north of Orange Springs.

Measurements of flow

Date	Discharge (cfs)	Date	Discharge (cfs)	Date	Discharge (cfs)	Date	Discharge (cfs)
6-24-46	46.9	12- 4-47	106	12- 2-48	81.9	9-12-50	178
7-29-46	110	1- 8-48	46.2	12-30-48	81.9	9-28-50	109
8-27-46	99.7	2- 2-48	146	3- 3-49	49.2	11- 1-50	121
10- 3-46	49.3	3- 3-48	65.9	7-27-49	35.6	2- 5-51	44.2
10-29-46	61.9	3-31-48	167	8-31-49	104	9-21-51	25.4
12- 6-46	39.6	4-27-48	44.4	9-28-49	88.0	1-25-52	31.6
3-27-47	82.6	7-29-48	44.0	11- 2-49	61.5	4-16-52	45.6
8-27-47	56.5	9- 2-48	91.9	12- 1-49	44.4	4-24-56	3.77
10- 7-47	236	9-29-48	64.4	12-27-49	23.6		
11- 6-47	136	10-28-48	80.3	2- 1-50	17.8		

29. LOCH LOMMOND NEAR KEYSTONE HEIGHTS, FLA

Location.--Lat 29°48'15", long 82°00'50", in NE¼ sec. 17, T. 8 S., R. 23 E., on west shore of lake, 300 feet east of State Highway 21, and 1.5 miles northwest of Keystone Heights, Clay County.

Measurements of stage

Date	Stage (ft., msl)	Date	Stage (ft., msl)	Date	Stage (ft., msl)
5-27-59	92.23	1-22-60	94.58	8-22-60	96.24
8- 4-59	93.12	2-26-60	94.61	9-12-60	97.09
8- 6-59	93.10	4-21-60	95.25	10-17-60	97.83
9-17-59	93.87	6- 3-60	95.30	12- 8-60	97.88
10- 1-59	94.01	6-21-60	95.31	2- 2-61	97.61
11-16-59	94.63	6-24-60	95.31	3-23-61	97.52
12-21-59	94.69	7-29-60	95.74	5-18-61	96.84

30. LOCHLOOSA CREEK AT GROVE PARK, FLA.

Location.--Lat 29°36'00", long 82°08'40", in sec. 30, T. 10 S., R. 22 E., at bridge on State Highway 20, 1.0 mile east of Grove Park, and 3.6 miles west of Hawthorn.

Measurements of flow

Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)
1- 7-47	0.25	75.74	5- 9-58	4.90	76.46	5-29-59	27.7	77.10
2-19-47	10.6	76.10	7- 1-58	.07	75.11	7-20-59	17.3	76.84
4-23-56	0	(dry)	9- 2-58	1.16	75.41	9-14-59	53.0	77.75
9- 9-57	8.20	76.34	10-20-58	.005	75.02	11- 6-59	3.59	76.08
10- 8-57	30.9	77.24	12- 8-58	2.53	75.59	1-21-60	1.13	75.70
11-18-57	1.06	75.68	2- 2-59	6.55	75.93	3-18-60	920 (from rating)	81.00
1-20-58	4.55	76.03	3-17-59	751	80.72	3-28-60	37.4	77.17
3-17-58	70.0	77.65	3-21-59	448	80.02	5-23-60	.36	75.51
4-11-58	93.7	77.87	3-30-59	51.5	77.38	7-14-60	31.4	76.96

Table 1.--Streamflow, stream stages, and lake stages - continued

31. LOCHLOOSA CREEK NEAR HAWTHORN, FLA.

Location.--Lat 29°33'55", long 82°08'25", in sec. 6, T. 11 S., R. 22 E., at sand road crossing 1¼ miles upstream from Lochloosa Lake, and 3-3/4 miles southwest of Hawthorn.

Measurements of flow

Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)
2-19-47	13.7	60.71	3-23-49	5.41	60.07	4-23-51	2.62	59.84
4- 2-47	59.2	62.11	5- 4-49	14.8	60.67	5-18-51	1.01	59.79
5-14-47	1.22	59.70	6-22-49	2.99	59.89	6-27-51	.98	59.71
6-24-47	1.84	59.74	7-25-49	6.12	60.04	8-10-51	6.83	60.00
8- 4-47	2.93	59.90	9-13-49	40.5	61.65	9-19-51	84.6	62.32
9- 5-47	51.1	62.01	10-25-49	10.7	60.44	11- 2-51	3.85	59.78
10-29-47	76.6	62.40	12- 7-49	7.62	60.28	12-14-51	6.52	60.06
12-15-47	18.6	61.14	1-18-50	3.02	59.91	1-23-52	6.78	60.01
1-26-48	418	63.99	2-28-50	1.21	59.79	3- 6-52	46.7	61.56
3- 9-48	251	63.24	4-13-50	3.77	59.92	4-17-52	10.0	60.28
4-19-48	62.5	62.21	5-25-50	1.04	59.72	5-29-52	10.7	60.33
5-31-48	3.26	59.90	7- 6-50	33.0	61.56	7- 9-52	1.05	59.52
7-12-48	1.73	59.73	8-17-50	2.64	59.77	7-11-52	.95	59.51
8-23-48	140	62.81	9-27-50	14.3	60.68	8-21-52	2.47	59.62
10- 7-48	138	62.86	11- 9-50	20.6	60.98	10- 2-52	2.02	59.63
11-16-48	3.70	59.96	12-21-50	6.63	60.06	11-14-52	.74	59.58
1- 5-49	8.88	60.35	1-31-51	4.36	59.94	12-23-52	.96	59.62
2-17-49	27.6	61.22	3-12-51	4.60	59.88			

32. LOCHLOOSA LAKE AT LOCHLOOSA, FLA.

Location.--Lat 29°30', long 82°06', in sec. 27, T. 11 S., R. 22 E., on southeast shore of lake at Lochloosa.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1942							58.73	58.42	58.49	58.11	57.93	57.98
1943	57.79	57.48	57.28	56.90	56.75	56.53	56.40	56.63	57.37	56.67	56.35	56.20
1944	56.30	56.19	57.05	57.93	57.61	57.55	57.73	57.97	57.80	58.65	58.61	58.47
1945	58.55	58.38	57.89	57.60	56.93	57.15	58.26	59.07	59.23	58.85	58.50	59.49
1946	59.62	59.45	59.36	58.84	59.11	59.37	60.54	60.92	60.91	60.77	59.86	59.30
1947	58.93	58.89	59.59	59.48	59.05	58.64	58.67	58.96	59.86	60.58	60.87	60.23
1948	60.88	60.54	61.59	60.56	59.68	59.30	59.42	60.07	59.94	60.01	59.53	59.34
1949	58.93	59.12	58.76	59.27	58.75	58.67	58.61	59.03	59.42	59.47	59.32	58.98
1950	58.67	58.27	58.25	57.92	57.50	57.25	53.04	58.07	60.04	60.21	59.49	59.19
1951	58.78	58.51	58.41	57.89	57.19	57.07	56.99	57.05	57.78	58.32	58.84	59.03
1952	58.67	59.37	59.25	59.01	58.67	58.43	58.11	58.11	57.77	57.71	57.41	57.19
1956				54.15	54.11	54.10	54.19	54.21	54.24	55.61	55.45	55.32
1957	55.24	55.21	55.21	55.15	55.33	55.79	56.19	57.14	57.55	57.31	56.91	56.50
1958	56.58	56.65	57.91	58.03	57.54	57.39	57.39	57.36	57.00	57.03	57.09	57.30
1959	57.76	57.92	59.97	59.68	59.09	59.44	59.14	58.51	58.45	58.18	57.86	57.66
1960	57.59	57.61	59.21	58.84	58.16	58.96	59.54	59.56	60.15	59.91	59.35	

Monthly mean outflow from lake at U. S. 301, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1946	-	-	-	-	-	-	-	-	-	196	138	59.6
1947	32.3	21.3	44.0	62.2	34.5	17.6	11.9	16.6	39.4	111	179	154
1948	131	176	270	213	105	41.5	27.5	86.8	104	126	61.8	38.0
1949	14.9	16.6	8.43	26.1	9.15	2.82	1.95	2.53	17.3	33.2	26.0	14.3
1950	3.92	1.00	.45	.14	0	0	.01	.16	78.1	101	82.0	32.2
1951	14.4	5.45	1.22	.16	0	0	0	0	.03	1.22	3.26	10.0
1952	10.0	14.3	33.0	18.0	5.05	1.27	.12	.05	.04	.65	0	0
1953	.12	.04	.10	.96	.58	.43	.15	2.75	54.0	99.4	55.2	53.7
1954	88.6	50.9	14.8	5.09	.81	.09	.03	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	-	-	-

33. MAGNESIA SPRINGS NEAR HAWTHORN, FLA.

Location.--About 4 miles west of Hawthorn and 1.2 miles south of Grove Park.

Records.--Measurements of discharge: Dec. 10, 1941, 1.82 cfs; Apr. 16, 1946, 0.65 cfs; Apr. 23, 1956, 0.016 cfs; and Oct. 17, 1960, 1.03 cfs.

34. MAGNOLIA LAKE NEAR KEYSTONE HEIGHTS, FLA.

Location.--Lat 29°49'10", long 82°00'55", in NE¼ sec. 8, T. 8 S., R. 23 E., on southeast shore of lake at Magnolia Lake State Park, and 2.5 miles north of Keystone Heights, Clay County.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1958	-	-	124.15	-	-	123.44	-	123.84	123.32	123.32	123.58	-
1959	123.88	123.92	124.63	124.26	125.00	-	124.78	125.00	125.24	124.75	124.62	124.40
1960	124.28	-	-	-	124.29	124.48	124.70	124.76	125.21	124.85	124.64	124.51

Measurements of outflow

Date	Discharge (cfs)	Lake stage (ft., msl)	Date	Discharge (cfs)	Lake stage (ft., msl)
3-14-58	5	124.15	3- 3-60	13.7	124.40
4-16-58	6.2	-	4- 6-60	23.0	124.70
5-13-58	4.6	-	5-27-60	7.7	124.30
10-23-58	2	123.42	7-25-60	12.3	124.49
2-27-59	8.1	123.92	9-13-60	26.4	125.24

35. NEWNANS LAKE NEAR GAINESVILLE, FLA.

Location.--Lat 29°39'05", long 82°14'25", in W½ sec. 5, T. 10 S., R. 21 E., on west side of lake, 5 miles east of Gainesville.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1945	-	-	-	-	-	-	-	-	-	-	66.58	68.47
1946	68.37	-	-	-	-	68.31	69.42	69.09	68.23	68.67	67.53	66.81
1947	66.27	66.43	68.33	67.90	66.41	65.76	65.65	65.71	69.15	69.86	69.08	68.12
1948	69.33	68.67	70.43	68.15	66.65	65.83	66.07	68.19	66.94	67.41	66.37	66.07
1949	65.83	66.38	65.81	67.01	65.81	65.67	65.75	68.75	68.11	67.45	66.83	66.55
1950	65.85	65.37	65.53	65.19	64.63	64.43	66.63	65.86	68.19	68.73	67.33	66.75
1951	66.53	66.05	66.07	65.67	65.07	65.13	65.21	65.73	67.05	66.70	67.67	67.33
1952	66.83	68.15	67.55	66.61	66.05	65.97	65.43	65.43	65.23	65.83	65.55	65.33
1957	-	-	-	-	-	-	66.47	67.31	67.39	66.61	65.87	65.45
1958	65.63	66.01	67.79	67.93	66.63	65.87	66.09	65.89	65.07	64.89	65.35	65.71
1959	66.63	66.89	69.31	67.61	68.23	67.93	67.29	66.77	67.11	67.27	66.43	65.92
1960	65.53	66.01	68.49	67.12	65.85	65.79	68.03	68.05	68.83	68.39	67.03	66.09

Measurements of outflow

Date	Discharge (cfs)	Lake stage (ft., msl)	Date	Discharge (cfs)	Lake stage (ft., msl)
1- 8-47	50.6	66.75	10-30-47	610	69.89
2-20-47	65.5	66.40	12-16-47	139	68.23
4- 1-47	185	68.40	1-27-48	272	69.23
5-15-47	81.3	66.78	3-10-48	402	69.33
6-25-47	39.1	65.83	3-15-48	812	70.90
8- 5-47	25.8	65.50	4-20-48	202	68.60
9-16-47	29.2	65.58	4-23-56	0.37	-

36. NEW RIVER NEAR LAKE BUTLER, FLA.

Location.--Lat 30°00', long 82°17', in sec. 2, T. 6 S., R. 20 E., at bridge on State Highway 100, 4.4 miles southeast of Lake Butler, Union County.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1950	8.73	4.28	7.82	4.04	21.6	6.10	519	44.2	801	899	63.8	26.5
1951	25.6	31.9	55.0	33.1	4.08	2.38	3.60	11.5	15.3	20.2	114	28.5
1952	23.1	235	106	26.9	6.35	18.2	14.0	25.7	108	85.7	8.36	4.52
1953	126	48.5	63.5	566	12.6	13.6	13.0	507	516	570	74.2	781
1954	178	30.3	23.2	32.8	4.69	1.33	3.55	2.51	64.4	22.6	4.14	5.14
1955	19.7	96.9	8.80	4.88	1.16	.85	56.5	24.3	18.9	7.66	9.83	4.49
1956	10.2	50.1	12.7	2.52	73.1	29.3	193	17.6	74.3	488	45.4	8.05
1957	5.64	5.81	13.5	17.0	22.6	556	42.5	161	64.2	120	7.22	15.5
1958	44.9	119	567	280	58.1	35.1	205	163	12.6	4.39	16.4	84.1
1959	487	242	1,491	314	801	266	149	53.2	487	232	41.6	21.4
1960	24.1	213	855	358	15.9	82.7	508	281	582	-	-	-

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1950	85.24	85.16	85.40	85.02	85.50	85.03	90.16	85.24	89.00	90.52	85.78	86.79
1951	85.66	85.49	87.18	85.91	84.72	85.17	84.99	84.67	86.74	84.87	86.50	87.16
1952	86.48	90.86	87.48	85.35	85.68	84.71	84.67	88.30	89.11	86.07	85.07	85.07
1953	87.12		86.17	88.08	84.61	85.68	87.11	93.23	91.96	86.32	86.36	91.79
1954	86.48	85.78	85.62	86.15	84.86	84.39	84.75	85.29	88.14	85.01	84.85	85.00
1955	86.08	85.76	85.42	84.55	84.84	84.54	87.44	85.10	84.95	86.20	84.92	84.86
1956	85.64	85.95	84.82	84.73	85.20	90.99	85.67	84.99	86.50	89.55	85.41	85.03
1957	84.98	85.39	85.48	84.85	86.24	86.48	86.32	87.77	86.95	85.32	85.56	85.48
1958	87.27	92.19	89.41	90.08	88.13	87.34	87.72	86.56	84.79	84.92	85.13	87.43
1959	88.36	90.84	90.16	88.61	90.89	89.01	86.75	88.30	88.72	87.78	86.15	85.76
1960	87.48	91.68	90.27	86.93	84.94	87.67	91.25	89.72	92.42	-	-	-

37. NEW RIVER NEAR RAIFORD, FLA.

Location.--Lat 30°04'00", long 82°11'03", in NE¼ sec. 15, T. 5 S., R. 21 E., at bridge on State Highway 16, 0.5 mile southeast of Florida State Prison and 3.3 miles east of Raiford, Union County.

Measurements of flow

Date	Discharge (cfs)	Gage Height (ft.)	Date	Discharge (cfs)	Gage Height (ft.)
7- 8-58	350	9.64	3-18-60	2,060	14.18
12-15-58	89.4	7.88	3-18-60	2,080 (from rating)	14.21
3-17-59	2,080 (from rating)	14.23			
1- 5-60	5.94	6.16	8-18-60	38.8	7.23
			9-12-60	763	11.46

38. NORTH FORK BLACK CREEK NEAR HIGHLAND, FLA.

Location.--Lat 30°06'48", long 81°59'00", in SE¼ sec. 27, T. 4 S., R. 23 E., at bridge on State Highway 218, 3.9 miles east of Highland.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957	-	-	-	-	-	-	-	-	-	87.5	20.7	24.9
1958	44.3	60.0	120	74.6	16.8	7.65	61.6	51.1	9.30	18.7	41.9	79.3
1959	140	84.4	308	116	173	80.1	60.0	44.8	238	69.3	25.9	20.8
1960	24.1	74.8	167	113	19.3	24.2	136	77.8	202	-	-	-

Month-end stage, in feet above mean sea level

1957	-	-	-	-	-	-	-	-	-	57.11	57.89	57.39
1958	58.21	61.08	58.66	57.81	57.16	57.40	58.31	56.92	56.42	57.12	57.27	58.64
1959	58.10	61.55	59.13	58.18	59.19	57.09	57.62	59.66	58.61	57.71	57.53	57.11
1960	58.97	59.28	59.16	57.76	56.75	58.97	60.85	57.27	61.03	-	-	-

39. NORTH FORK BLACK CREEK NEAR MIDDLEBURG, FLA.

Location.--Lat 30°06'47", long 81°54'24", in NE¼ sec. 33, T. 4 S., R. 24 E., 0.3 mile upstream from Big Branch, 4 miles northwest of Middleburg.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	-	-	-	-	-	-	-	-	-	15.0	8.7	13.7
1932	13.1	14.3	50.4	23.0	16.8	220	60.4	98.1	161	44.6	282	59.3
1933	81.3	143	185	453	39.0	142	599	376	502	58.0	37.7	31.6
1934	30.8	55.9	73.5	31.7	189	681	149	278	75.6	85.8	15.7	22.4
1935	41.5	33.3	21.0	8.97	7.12	6.50	67.5	112	712	64.5	18.6	29.0
1936	61.0	296	161	182	13.8	95.7	58.5	26.5	18.4	274	32.6	70.3
1937	147	357	79.5	219	56.0	14.3	57.2	106	229	458	89.3	81.7
1938	215	145	47.7	14.5	7.6	12.6	71.7	208	97.0	513	72.3	38.1
1939	4.0	63.5	68.3	57.4	35.0	165	242	416	66.3	38.9	34.9	47.9
1940	108	290	43.0	160	12.4	39.0	187	269	82.0	18.8	11.3	165
1941	125	173	107	35.5	14.3	72.3	349	56.1	99.1	460	304	488
1942	358	401	512	60.2	20.1	156	308	67.1	316	32.5	17.0	40.0
1943	46.1	27.6	74.7	33.8	53.7	60.5	120	330	155	32.3	29.5	40.2
1944	117	57.0	312	221	70.9	72.1	266	646	263	690	66.2	63.4
1945	312	93.3	26.4	22.8	20.7	53.9	152	565	399	154	33.6	399
1946	243	84.5	83.6	55.5	252	386	378	370	537	287	64.2	32.2
1947	45.6	366	500	168	151	97.0	155	80.2	753	1,087	662	306
1948	336	304	943	566	20.9	29.5	250	582	175	766	56.7	220
1949	92.5	509	54.4	175	84.6	42.6	208	322	568	213	306	76.2
1950	40.1	34.1	77.3	33.5	48.3	21.8	491	27.5	709	1,028	68.9	68.0
1951	64.0	71.9	67.0	52.2	14.9	14.4	22.9	89.0	63.1	58.7	112	68.6
1952	47.8	199	107	65.9	32.7	65.5	58.7	42.0	292	114	27.7	26.9
1953	163	93.6	112	416	21.5	28.4	97.3	666	693	543	121	616
1954	151	70.4	77.1	55.1	26.4	15.2	16.4	7.25	37.6	65.6	20.5	33.9
1955	76.4	122	32.1	30.9	19.6	12.6	39.5	17.1	141	116	83.9	35.5
1956	80.5	138	43.2	26.8	141	102	185	85.8	71.8	670	61.9	37.8
1957	35.6	39.1	84.0	59.6	51.6	235	140	446	212	291	50.1	63.6
1958	130	171	405	349	56.8	47.0	163	242	57.0	63.6	124	233
1959	534	252	1,310	304	713	263	392	103	690	205	81.4	64.9
1960	72.2	278	644	346	49.2	64.9	477	194	788	-	-	-

39. NORTH FORK BLACK CREEK NEAR MIDDLEBURG, FLA. - continued

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1933	-	-	1.85	4.84	2.13	2.69	3.23	2.15	1.57	2.15	1.70	1.71
1934	1.63	2.57	1.94	2.53	6.76	2.51	2.78	4.10	1.55	1.43	1.61	1.56
1935	1.55	1.64	1.22	1.04	.96	1.11	4.37	7.27	5.17	1.60	1.55	1.89
1936	2.82	3.08	5.35	1.43	1.37	2.05	1.57	2.12	1.16	1.93	1.43	1.80
1937	5.85	3.07	4.28	2.71	1.25	1.08	3.99	3.69	4.44	2.29	5.10	2.19
1938	2.45	2.02	2.05	1.24	1.53	1.63	4.50	2.09	4.14	3.66	1.99	2.17
1939	3.10	4.49	1.77	5.73	1.73	2.27	2.74	3.39	2.78	1.69	1.78	3.02
1940	2.36	2.35	2.09	1.66	1.35	1.68	6.04	5.03	2.39	1.38	1.50	3.82
1941	2.20	2.58	1.85	1.41	1.13	3.57	3.42	2.47	1.85	7.27	2.25	6.88
1942	2.32	5.10	4.04	1.63	1.46	5.14	3.30	1.94	2.76	1.55	1.55	2.74
1943	2.11	1.57	1.63	1.51	1.84	2.92	2.63	2.68	2.55	1.44	1.73	2.37
1944	1.89	1.76	4.54	2.37	1.85	1.63	3.01	5.67	2.06	3.13	2.94	2.06
1945	3.40	1.97	1.49	2.41	1.26	2.15	2.32	2.54	2.59	2.09	1.68	12.00
1946	2.89	2.24	2.90	2.12	2.72	7.62	9.16	12.40	3.97	2.25	2.03	1.83
1947	4.00	3.00	3.80	1.72	5.74	4.06	3.12	1.93	4.78	5.13	3.08	2.92
1948	7.76	2.94	5.19	1.86	1.50	1.68	7.58	2.08	2.77	2.27	2.95	3.64
1949	2.71	2.47	1.89	1.97	1.44	2.20	1.86	12.66	15.12	3.37	2.31	2.23
1950	1.78	1.88	2.52	1.70	1.56	1.35	2.73	1.96	11.84	3.45	2.07	3.07
1951	2.04	1.84	2.24	1.74	1.42	1.49	1.83	1.65	3.02	1.84	2.16	2.73
1952	2.56	3.00	2.71	2.17	3.19	1.39	1.49	2.01	3.77	1.84	1.68	1.73
1953	2.16	1.94	1.87	2.02	1.31	1.69	3.87	11.20	9.27	2.16	2.40	6.54
1954	2.25	2.44	1.86	2.33	1.73	1.43	1.30	1.56	2.69	1.50	1.57	1.78
1955	2.38	1.87	2.29	1.43	1.60	1.68	2.01	1.38	2.25	3.76	1.84	1.78
1956	2.28	1.99	1.66	1.81	1.95	8.83	2.47	1.72	2.36	3.26	1.94	1.79
1957	1.76	2.25	2.26	1.64	1.83	1.68	6.40	3.52	5.50	2.01	2.39	1.99
1958	2.99	12.20	3.44	2.64	2.30	2.46	4.74	1.91	1.67	1.95	2.16	2.99
1959	2.76	9.78	3.58	2.45	3.45	2.72	2.47	4.77	2.93	2.57	2.24	2.05
1960	4.14	6.17	4.99	2.40	1.61	2.96	10.27	2.27	13.87	-	-	-

40. OLUSTEE CREEK AT PROVIDENCE, FLA.

Location.--Lat 30°00', long 82°34', in sec. 36, T. 5 S., R. 17 E., at bridge on State Highway 238, 1.5 miles west of Providence, Union County.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957	-	-	-	-	-	-	-	-	-	111	3.92	16.2
1958	58.9	86.4	388	376	32.4	15.4	101	169	15.9	.79	2.62	8.14
1959	185	69.4	919	168	772	357	101	29.8	162	197	67.3	25.1
1960	22.6	266	756	115	18.8	21.0	189	248	176	-	-	-

Month-end stage, in feet above mean sea level

1957	-	-	-	-	-	-	-	-	-	57.19	57.03	57.72
1958	59.24	60.18	60.00	59.32	57.93	59.41	58.85	59.32	56.21	56.07	56.17	57.53
1959	58.97	59.70	60.09	59.71	60.47	59.08	58.83	57.50	59.42	59.34	58.87	58.13
1960	58.57	61.02	60.07	59.50	56.60	59.11	60.45	60.19	60.28	-	-	-

42. ORANGE CREEK AT ORANGE SPRINGS, FLA.

Location.--Lat 29°30'34", long 81°56'47", in sec. 25, T. 11 S., R. 23 E., at bridge on State Highway 315, 0.2 mile northwest of Orange Springs.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1942	-	-	-	-	-	-	-	64.7	107	44.1	24.9	44.6
1943	31.2	14.6	18.5	7.35	6.62	7.05	10.2	44.5	129	19.6	12.4	13.7
1944	31.5	15.8	54.6	102	40.2	27.8	45.7	68.2	45.7	116	85.5	74.2
1945	105	72.7	34.3	13.5	8.77	9.10	125	119	175	136	74.4	170
1946	237	191	192	119	179	149	238	613	733	788	556	345
1947	198	170	299	298	166	103	110	163	278	427	652	536
1948	518	586	938	755	349	178	197	472	404	598	366	297
1949	186	208	139	232	116	77.6	71.1	113	177	228	191	151
1950	95.0	64.2	63.5	42.0	21.3	9.09	41.9	42.9	526	612	430	286
1951	214	161	125	67.8	25.8	12.2	14.7	19.0	37.2	166	207	253
1952	198	267	344	242	129	88.6	60.0	57.5	56.8	75.4	31.4	23.4
1953	-	-	-	-	-	-	-	-	-	11.1	6.60	5.67
1954	8.97	11.9	5.72	6.45	7.04	8.11	15.1	10.9	8.06	55.4	11.4	8.00
1955	8.89	7.65	14.1	14.0	22.2	36.5	22.6	97.4	82.5	32.3	12.6	14.4
1956	32.8	36.2	200	270	185	112	81.1	59.0	33.0	37.8	51.3	48.6
1957	91.4	91.7	452	744	504	558	627	517	541	403	302	158
1958	122	137	401	503	303	245	399	599	834	-	-	-

Month-end stage, in feet above mean sea level

1942	-	-	-	-	-	-	24.63	23.23	24.31	23.05	22.76	23.89
1943	22.74	22.27	22.13	21.61	21.71	22.17	21.89	22.41	23.38	22.07	22.63	22.39
1944	22.49	22.21	25.52	23.81	22.89	22.69	23.24	23.09	22.87	24.51	24.29	24.11
1945	24.41	23.71	22.53	22.67	21.53	22.99	24.22	24.81	25.11	24.49	23.77	26.71
1946	25.69	25.72	25.55	24.09	24.71	25.23	26.87	27.25	27.49	27.33	26.65	25.87
1947	25.21	25.33	25.97	25.79	25.33	24.37	24.41	25.05	26.31	26.81	27.13	26.67
1948	27.31	26.79	27.87	26.95	25.91	24.85	27.01	26.41	26.83	26.55	25.11	25.83
1949	25.09	25.36	24.41	25.17	24.01	24.57	23.61	26.21	26.63	25.46	25.37	24.75
1950	24.03	23.49	23.51	22.65	22.09	22.25	23.01	23.91	26.83	27.13	26.43	26.31
1951	25.21	24.63	24.49	23.17	21.93	21.99	22.03	21.97	23.53	24.13	25.59	26.07
1952	25.19	26.47	26.23	25.47	25.01	23.61	23.19	23.56	23.69	23.29	22.61	22.41
1953	-	-	-	-	-	-	-	-	-	21.44	21.45	21.51
1954	21.83	21.67	21.39	21.81	21.29	22.00	22.67	21.66	21.74	22.61	21.78	21.60
1955	21.61	22.02	21.95	21.61	22.08	21.98	24.54	24.57	23.30	21.97	22.11	21.92
1956	23.05	24.13	25.51	25.69	24.59	24.36	24.41	22.73	22.43	22.81	22.53	23.10
1957	24.08	24.97	27.16	27.14	26.52	27.05	26.97	27.02	26.60	26.31	25.71	25.01
1958	24.71	25.22	26.85	26.45	25.30	26.72	27.05	26.96	27.83	-	-	-

43. ORANGE LAKE AT ORANGE LAKE, FLA.

Location.--Lat 29°25'50", long 82°12'10", in sec. 21 or 28, T. 12 S., R. 21 E., on southwest shore of lake and east side of town of Orange Lake.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1935	-	-	-	-	-	-	-	-	-	-	58.4	57.8
1936	57.8	58.8	59.0	58.4	57.8	-	58.0	57.7	57.6	57.8	57.6	57.6
1937	57.3	58.0	58.0	58.5	58.4	58.0	57.6	57.7	58.8	59.6	59.3	59.2
1938	59.1	59.0	58.9	58.1	57.6	57.5	57.7		57.7	58.3	58.9	58.7
1939	58.5	58.3	58.1	57.8	57.9	57.7	59.6	60.0	59.7	59.3	58.6	58.3
1940	58.1	58.0	58.1	58.0	58.2	58.1	58.0	58.2	58.2	57.9	57.3	56.8
1941	58.7	58.2	58.4	58.9	58.6	57.8	58.5	58.7	58.4	58.2	61.5	60.5
1942	60.1	59.4	59.9	60.1	59.4	58.8	58.21	57.97	58.00	57.65	57.33	57.41
1943	57.22	56.87	56.68	56.23	56.05	55.57	55.37	55.63	56.02	56.05	55.82	55.68
1944	55.74	55.65	56.15	57.49	57.33	57.26	57.41	57.55	57.55	58.19	58.29	58.08
1945	58.13	57.95	57.48	57.11	56.45	56.76	57.22	58.63	58.83	58.51	58.15	58.81
1946	59.15	59.01	58.95	58.51	58.71	59.05	59.95	60.53	60.51	60.31	59.57	58.91
1947	58.48	58.37	59.11	59.06	58.70	58.26	58.23	58.49	59.37	60.09	60.23	59.72
1948	60.23	60.02	60.91	59.96	59.16	58.74	58.93	59.51	59.42	59 44	59.04	58.84
1949	58.47	58.68	58.35	58.82	58.42	58.34	58.21	58.32	58.90	58.98	58.78	58.44
1950	58.05	57.58	57.44	57.15	56.96	56.78	57.53	57.41	59.27	59.47	58.66	58.32
1951	57.93	57.56	57.38	56.99	56.50	56.45	56.40	56.56	57.26	57.83	58.23	58.37
1952	58.03	58.76	58.75	58.49	58.07	57.76	57.27	57.21	57.01	56.85	56.67	56.49
1953	56.66	56.64	56.69	57.83	57.42	57.56	57.34	58.29	59.32	59.22	58.77	59.41
1954	59.16	58.61	58.27	58.09	57.62	57.13	57.00	56.49	56.37	56.16	55.93	55.86
1955	55.82	55.86	55.61	55.14	54.70	54.74	54.22	54.39	53.98	53.56	53.27	52.76
1956	52.62	52.13	51.28	51.26	50.74	50.48	50.50	51.04	51.20	52.11	52.08	51.81
1957	51.71	51.36	51.16	50.88	50.74	51.12	51.58	53.16	54.80	55.75	55.93	55.96
1958	56.19	56.36	57.80	57.99	57.58	57.37	57.32	57.36	56.98	57.05	57.08	57.25
1959	57.75	57.91	60.11	59.63	50.09	59.35	59.08	58.39	58.33	58.14	57.81	57.60
1960	57.42	57.52	59.18	58.86	58.11	58.81	59.28	59.63	60.08	-	-	-

Monthly mean outflow at U. S. 301, in cfs

1946	-	-	-	-	-	-	-	-	-	423	276	187
1947	125	97.0	139	173	111	68.9	53.3	60.8	96.3	236	369	275
1948	240	327	539	470	208	116	85.6	182	217	306	212	173
1949	129	131	104	113	89.2	43.6	43.0	38.8	102	128	114	108
1950	76.2	51.6	42.6	32.3	15.2	4.06	17.8	26.9	284	348	308	190
1951	147	104	70.4	49.5	20.4	5.45	5.86	4.40	10.9	70.2	96.7	151
1952	125	133	227	172	95.4	63.5	38.5	28.8	26.5	21.4	16.2	10.4
1953	12.3	13.7	11.2	41.3	65.8	45.2	39.9	56.2	258	418	302	297
1954	398	281	174	118	55.9	32.1	20.7	14.1	8.58	7.19	3.76	2.70
1955	1.84	2.29	1.42	.42	.02	0	0	0	0	-	-	-

44. ORTEGA CREEK NEAR JACKSONVILLE, FLA.

Location.--Lat 30°14'50", long 81°47'49", on line between secs. 10 and 15, T. 3 S., R. 25 E., at bridge on JacksonvilleHeights Road, 1½ miles west of Jacksonville Heights, and 5 miles southwest of city limits of Jacksonville.

Measurements of flow

Date	Discharge (cfs)	Gage Height (ft.)	Date	Discharge (cfs)	Gage Height (ft.)
4-19-56	1.09	6.02	3-19-59	297	12.24
9-10-58	2.66	6.18	3-21-59	491	13.02
12-19-58	20.2	7.33	8-17-60	23.4	7.63

45. PEBBLE LAKE NEAR KEYSTONE HEIGHTS, FLA.

Location.--Lat 29°49'31", long 81°57'10", in SE¼ sec. 1, T. 8 S., R. 23 E., on east shore of lake in Gold Head Branch State Park, 5½ miles northeast of Keystone Heights.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1945	-	-	-	-	-	-	103.82	103.58	103.88	103.94	103.84	104.60
1946	104.90	105.32	105.20	105.02	105.86	106.86	107.81	-	-	-	111.15	110.96
1947	110.98	110.58	110.54	110.42	110.02	109.60	108.96	108.86	108.96	109.76	111.46	112.56
1948	113.16	113.46	113.76	115.40	115.16	115.06	114.16	114.16	-	114.66	114.36	113.96
1949	113.46	113.06	112.46	112.46	111.16	111.56	109.76	109.26	108.11	107.92	107.46	107.01
1950	106.56	105.46	104.51	104.56	104.16	102.16	101.86	101.26	-	-	104.68	105.24
1951	105.71	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	95.84	96.84	98.24	98.31	-	98.76
1953	98.76	98.36	98.36	98.86	98.96	98.64	100.06	101.16	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	100.92	100.56	99.08
1955	-	98.00	96.64	95.60	94.62	93.44	93.00	92.12	91.36	90.60	90.04	89.24
1956	88.78	88.58	87.76	87.24	86.54	86.48	86.07	85.72	85.61	85.82	85.44	85.16
1957	84.91	84.71	84.64	84.24	84.92	85.36	86.16	86.86	87.84	89.18	91.15	92.50
1958	93.16	93.18	94.16	94.77	95.30	95.62	95.53	95.42	94.64	94.04	93.54	93.02
1959	92.66	92.38	93.28	95.92	98.42	99.62	100.88	102.73	103.58	106.66	106.94	107.02
1960	106.74	106.53	106.78	107.00	-	106.94	-	107.26	-	109.76	110.04	109.90

47. POE SPRINGS NEAR HIGH SPRINGS, FLA.

Location.--About 3.7 miles west of High Springs on south bank of the Santa Fe River.

Date	Discharge (cfs)	Date	Discharge (cfs)
2-19-17	86.5	12-13-41	84.0
1-31-29	75.1	7-22-46	75.3
3-14-32	31.2	5- 2-56	39.2
		10-17-60	91.7

50. SAND HILL LAKE NEAR KEYSTONE HEIGHTS, FLA.

Location.--Lat 29°51'01", long 82°01'10", on line between secs. 29 and 32, T. 7 S., R. 23 E., on west shore of lake, 3.5 miles north of Keystone Heights.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957	-	-	-	-	-	-	131.32	131.26	131.62	131.32	131.48	131.32
1958	131.42	131.42	131.80	131.88	131.63	131.58	131.57	131.47	131.31	131.25	131.35	131.41
1959	131.63	131.71	132.24	131.94	132.37	132.13	132.11	132.04	132.36	132.22	131.86	131.66
1960	131.52	131.72	132.06	131.98	131.68	131.74	131.86	132.02	132.30	-	-	-

51. SANTA FE LAKE NEAR KEYSTONE HEIGHTS, FLA.

Location.--Lat 29°45'38", long 82°04'30", in NW¼ sec. 35, T. 8 S., R. 22 E., on north shore of lake 3.1 miles southwest of Keystone Heights.

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957	-	-	-	-	-	-	138.84	139.01	139.20	139.12	139.02	138.91
1958	139.02	139.18	140.02	140.46	140.30	140.12	140.32	140.44	140.30	140.08	140.34	140.51
1959	141.03	141.26	142.54	141.98	141.98	141.74	141.64	141.50	141.82	141.40	140.86	140.60
1960	140.46	140.58	141.48	141.21	140.58	140.89	141.82	141.68	142.12	141.74	141.32	140.89

52. SANTA FE RIVER NEAR FORT WHITE, FLA.

Location.--Lat 29°51', long 82°43', in sec. 28, T. 7 S., R. 16 E., 2 miles upstream from bridge on State Highway 47, 5 miles south of Fort White and 15 miles upstream from mouth.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1927	-	-	-	-	-	-	-	-	-	1,130	1,000	970
1928	963	905	995	1,900	2,980	1,550	2,310	3,550	3,960	4,190	2,260	1,610
1929	2,090	1,840	2,270	2,030	1,490	1,390	1,700	2,490	2,680	3,650	1,970	1,580
1930	1,650	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	794	785	972	1,380	1,080	940	926
1933	846	960	1,090	2,200	1,350	1,030	1,040	1,230	1,920	1,220	1,020	939
1934	888	858	877	848	922	3,820	2,270	2,270	1,760	1,327	1,121	997
1935	943	872	785	773	762	731	811	1,333	4,421	2,418	1,580	1,371
1936	1,250	1,752	1,750	1,604	1,169	1,094	1,142	1,179	1,094	1,358	1,185	1,080
1937	1,075	2,010	1,935	2,359	1,637	1,275	1,217	1,486	2,478	2,920	1,558	1,410
1938	1,634	1,677	1,275	1,097	1,007	1,000	1,166	1,674	1,298	1,600	2,050	1,324
1939	1,172	1,096	1,098	938	921	1,174	1,809	2,110	1,616	1,320	1,153	1,080
1940	1,075	1,353	1,338	1,292	1,051	986	1,263	1,687	1,356	1,026	918	914
1941	1,118	1,262	1,293	1,170	1,019	1,045	2,029	1,903	1,436	2,586	3,298	2,767
1942	3,415	2,625	4,369	2,758	1,885	1,701	1,794	1,834	1,792	1,552	1,338	1,238
1943	1,147	1,074	1,075	988	959	947	962	1,354	1,151	948	866	827
1944	836	828	990	2,373	1,339	938	1,182	2,727	2,057	3,167	2,283	1,438
1945	1,892	1,566	1,255	1,092	1,010	943	1,097	2,178	2,014	1,329	1,095	1,202
1946	1,984	1,451	1,187	1,110	1,778	2,020	2,433	3,146	2,663	2,495	1,713	1,370
1947	1,210	1,466	2,226	1,928	1,339	1,367	1,192	1,188	2,047	3,906	3,840	2,680
1948	2,452	2,832	5,345	4,668	2,582	1,892	1,705	3,087	2,347	3,282	2,036	1,917
1949	1,773	2,481	1,790	1,777	1,580	1,486	1,603	1,746	3,438	2,052	1,924	1,674
1950	1,431	1,284	1,226	1,150	1,102	1,053	1,433	1,288	3,387	3,385	2,637	1,722
1951	1,492	1,346	1,290	1,287	1,152	1,083	1,066	1,137	1,133	1,145	1,266	1,216
1952	1,139	1,390	1,603	1,233	1,042	996	928	927	1,019	1,109	963	914
1953	1,028	992	989	1,859	1,321	1,106	1,087	1,636	3,094	3,089	1,861	2,654
1954	3,046	1,835	1,526	1,368	1,246	1,120	1,090	1,057	1,080	1,080	925	892
1955	885	1,095	970	909	874	836	882	816	756	730	712	679
1956	678	691	673	671	738	679	838	811	780	1,202	1,115	813
1957	728	703	670	684	636	2,090	1,370	1,697	1,256	1,632	1,149	1,050
1958	1,051	1,127	2,075	2,163	1,673	1,257	1,689	1,538	1,284	1,104	1,110	1,158
1959	1,833	1,789	4,238	3,515	3,409	4,063	2,625	2,031	2,211	2,593	2,031	1,653
1960	1,511	1,658	3,409	2,822	1,963	1,660	2,259	2,895	2,764	-	-	-

52. SANTA FE RIVER NEAR FORT WHITE, FLA. - continued

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1952	-	-	-	-	-	21.68	21.59	22.31	22.72	21.71	21.78	21.60
1953	21.60	22.44	22.55	23.28	22.02	21.83	22.14	22.17	22.41	21.96	21.77	21.71
1954	21.63	21.61	21.43	21.62	22.02	25.41	22.87	22.76	22.21	21.98	21.83	21.71
1955	21.65	21.60	21.57	21.54	21.48	21.45	21.78	23.73	26.58	22.83	22.25	22.04
1956	21.99	25.29	22.46	22.21	21.97	21.91	22.20	21.99	21.89	22.39	21.90	21.94
1957	22.49	24.84	22.90	23.25	22.19	22.06	22.28	22.45	23.53	22.77	22.35	22.15
1958	22.54	22.23	21.97	21.81	21.75	22.00	22.10	22.21	21.94	26.04	22.30	22.01
1959	21.90	21.66	21.79	21.74	21.68	22.40	22.53	22.86	22.26	21.99	21.89	21.86
1960	21.88	22.64	21.97	21.99	21.79	21.80	22.35	22.83	21.88	21.67	21.57	21.82
1961	21.91	21.98	21.95	21.82	21.75	22.73	24.41	22.38	22.12	26.07	23.56	24.92
1962	25.68	26.27	26.80	23.16	22.54	22.51	22.91	22.58	22.47	22.18	22.02	21.93
1963	21.87	21.80	21.80	21.70	21.77	21.73	21.76	22.22	21.86	21.64	21.58	21.54
1964	21.57	21.55	22.67	22.97	21.80	21.66	23.05	24.13	22.50	26.05	22.49	22.12
1965	22.64	22.21	21.94	21.82	21.74	21.72	22.19	25.29	22.55	21.96	21.74	23.37
1966	23.03	22.12	22.04	21.89	22.62	23.13	24.09	24.65	23.78	22.87	22.30	22.03
1967	21.94	22.26	23.56	22.60	22.19	21.94	21.95	21.85	28.90	27.71	27.79	27.34
1968	25.32	25.72	29.21	27.93	23.09	22.56	22.91	23.90	22.95	23.33	22.69	23.00
1969	22.52	23.57	22.49	22.56	22.28	22.36	22.43	24.43	22.43	22.66	22.86	22.33
1970	22.15	21.99	21.94	21.86	21.84	21.73	22.60	21.87	23.27	26.65	22.77	22.38
1971	22.18	22.06	22.11	22.00	21.84	21.82	21.85	21.89	22.06	21.73	22.20	21.99
1972	21.80	23.04	22.33	22.08	22.06	22.06	21.94	21.92	22.12	21.94	21.73	21.71
1973	21.89	21.78	21.79	23.22	21.95	22.14	22.08	25.35	24.01	22.98	22.44	26.71
1974	25.30	22.46	22.26	22.13	21.98	21.90	21.88	21.86	22.01	21.72	21.65	21.62
1975	21.69	21.90	21.68	21.63	21.62	21.61	21.73	21.53	21.55	21.44	21.39	21.36
1976	21.36	21.42	21.35	21.35	21.45	21.49	21.70	21.60	21.67	22.54	21.61	21.43
1977	21.35	21.35	21.35	21.39	21.45	22.52	22.13	22.20	22.07	22.08	21.90	21.78
1978	21.92	22.12	23.50	24.53	22.32	22.28	22.45	22.47	21.98	21.86	21.84	22.01
1979	22.47	22.53	29.64	24.68	28.10	24.06	23.37	22.66	23.68	23.51	22.63	22.36
1980	22.24	23.34	25.76	23.98	22.51	22.64	24.30	24.03	23.74	-	-	-

53. SANTA FE RIVER NEAR GRAHAM, FLA.

Location.--Lat 29°50'46", long 82°13'11", in NE¼ sec. 32, T. 7 S., R. 21 E., at bridge on State Highway 225, and 1 mile south of Graham, Bradford, County.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957	-	-	-	-	-	-	-	-	25.7	43.4	3.77	4.58
1958	12.0	29.3	160	81.8	26.1	6.58	78.7	49.8	21.3	7.44	37.1	46.3
1959	108	49.2	387	147	254	180	103	58.6	194	181	61.0	27.4
1960	20.2	45.6	229	88.4	30.7	32.1	271	236	226	-	-	-

Month-end stage, in feet above mean sea level

1957	-	-	-	-	-	-	-	108.45	109.24	108.02	108.14	107.97
1958	108.70	112.17	109.88	110.32	109.13	108.26	108.44	108.66	108.02	108.04	108.25	109.16
1959	109.09	110.69	112.14	110.27	112.90	112.37	109.96	109.40	111.09	110.48	109.11	108.61
1960	108.85	111.35	110.91	109.47	108.14	110.00	114.43	111.13	115.02	-	-	-

55. SANTA FE RIVER NEAR HIGH SPRINGS, FLA.

Location.--Lat 29°51', long 82°38', in sec. 29, T. 7 S., R. 17 E., at bridge on U. S. Highway 27, 2 miles northwest of High Springs, Alachua County.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	1,170	967	1,010	1,120	740	516	398	446	332	260	246	214
1932	155	130	120	124	98.2	143	179	320	686	386	275	207
1933	166	303	456	1,600	608	322	313	487	1,400	517	327	244
1934	195	184	210	171	228	3,340	1,530	1,450	896	542	316	235
1935	234	221	196	148	107	87.0	169	722	3,745	1,544	745	527
1936	468	1,084	1,067	1,003	539	430	453	437	302	611	427	354
1937	352	1,416	1,136	1,510	738	467	398	686	1,789	2,223	760	615
1938	819	902	490	353	270	246	342	940	530	1,027	1,295	548
1939	395	351	378	247	231	446	1,061	1,380	794	475	328	279
1940	295	613	552	529	312	261	616	1,101	682	294	211	217
1941	440	601	624	427	280	324	1,360	1,113	665	1,944	2,518	1,886
1942	2,480	1,738	3,427	1,715	960	824	1,011	1,093	1,027	750	512	425
1943	378	328	318	269	241	233	249	696	488	250	160	138
1944	140	144	312	1,272	444	239	556	2,168	1,352	2,480	1,351	643
1945	1,145	826	495	316	235	185	362	1,421	1,181	562	323	451
1946	1,239	689	433	373	1,076	1,351	1,743	2,339	1,831	1,641	858	567
1947	420	686	1,517	1,211	576	587	430	438	1,495	3,125	2,917	1,787
1948	1,448	1,903	4,188	3,540	1,390	966	831	2,243	1,371	2,524	1,085	1,089
1949	997	1,746	954	967	703	605	745	902	2,573	1,124	1,083	867
1950	599	476	430	367	321	285	694	542	2,638	2,533	1,616	785
1951	605	519	510	520	365	275	257	360	377	471	589	421
1952	350	662	806	510	321	336	290	235	269	338	230	193
1953	306	273	275	1,112	545	339	358	949	2,094	2,037	902	1,803
1954	1,898	862	627	519	385	293	248	223	265	324	193	151
1955	150	391	219	154	118	112	150	163	102	79.4	85.4	61.2
1956	52.8	68.1	57.1	38.9	72.5	63.6	184	110	105	520	425	152
1957	94.5	71.5	69.6	100	81.8	1,325	579	1,012	542	814	386	326
1958	348	434	1,527	1,430	960	629	1,042	872	532	324	339	360
1959	1,133	1,065	3,546	2,264	2,578	2,835	1,641	1,143	1,418	1,789	1,160	817
1960	690	843	2,500	1,883	999	784	1,409	1,989	1,855	-	-	-

Month-end stage, in feet above mean sea level

1931	29.58	29.04	28.84	28.77	28.63	28.08	27.74	28.00	27.70	27.52	27.46	27.34
1932	27.21	27.15	27.17	26.98	26.86	27.26	27.09	28.57	28.63	27.44	27.72	27.30
1933	27.34	27.69	28.83	29.48	27.98	27.65	28.20	28.34	28.74	28.01	27.65	27.46
1934	27.50	27.29	27.29	27.19	28.07	32.34	29.48	29.30	28.44	28.00	27.64	27.42
1935	27.26	27.18	27.11	26.99	26.93	26.87	27.58	30.79	33.28	29.25	28.44	28.13
1936	28.06	29.97	28.90	28.53	28.08	28.03	28.55	28.23	28.09	28.93	28.07	28.17
1937	29.41	32.29	29.21	29.35	28.52	28.29	28.70	29.04	30.53	29.40	28.84	28.46
1938	28.79	28.53	28.10	27.84	27.70	28.04	28.31	28.53	28.04	33.74	28.70	28.06
1939	27.82	27.91	27.86	27.81	27.72	28.98	29.08	29.53	28.46	27.98	27.80	27.81
1940	27.90	29.29	28.11	28.28	27.85	27.89	29.04	29.91	28.12	27.52	27.31	27.93
1941	28.07	28.18	28.14	27.88	27.69	29.75	31.96	28.84	28.34	33.54	30.12	32.59
1942	30.10	33.80	32.54	29.58	28.94	29.09	30.00	29.41	29.17	28.49	28.11	27.95
1943	27.84	27.63	27.65	27.56	27.71	27.66	27.85	28.74	28.00	27.45	27.26	27.18
1944	27.23	27.26	29.07	28.94	27.78	27.66	30.17	31.26	28.96	32.90	28.82	28.28
1945	29.22	28.53	28.00	27.79	27.62	27.60	28.34	31.53	28.94	28.03	27.59	30.79
1946	29.65	28.27	28.10	27.92	29.36	30.41	30.33	31.48	30.57	29.42	28.46	27.95
1947	26.76	28.39	30.05	28.63	28.30	27.80	27.86	27.70	37.29	34.53	31.60	31.24
1948	31.84	29.83	32.92	31.57	29.43	28.82	29.30	30.56	29.33	29.87	29.02	29.36
1949	28.79	29.69	28.70	28.77	28.30	28.49	28.64	31.75	29.84	28.95	29.38	28.50
1950	28.13	27.93	27.86	27.71	27.66	27.53	29.16	27.83	29.83	33.75	29.14	28.66
1951	28.57	28.28	28.45	28.23	27.90	27.86	27.87	28.06	28.52	27.98	28.88	28.54
1952	28.17	30.08	28.90	28.57	28.43	28.21	28.06	28.07	28.41	28.24	27.91	27.85
1953	28.24	28.07	28.09	29.97	28.17	28.70	28.69	33.31	31.19	29.52	28.87	34.34
1954	29.53	28.93	28.68	28.48	28.18	28.00	27.92	27.85	28.39	27.74	27.68	27.65
1955	27.85	28.14	27.76	27.68	27.61	27.34	27.68	27.38	27.37	27.14	27.01	26.95
1956	26.90	27.03	26.88	26.75	26.98	27.04	27.31	27.25	27.48	29.07	27.48	27.15
1957	26.97	26.89	26.95	26.88	26.94	28.66	28.24	28.39	28.13	28.04	27.75	27.61
1958	27.91	28.37	30.05	29.73	28.57	28.64	28.93	29.01	28.01	27.78	27.75	28.08
1959	28.95	29.01	34.03	30.97	35.25	30.63	29.87	29.07	30.53	30.22	29.01	28.57
1960	28.41	30.05	32.11	29.71	28.72	28.95	31.31	30.89	30.50	-	-	-

56. SANTA FE RIVER AT WORTHINGTON, FLA.

Location.--Lat 29°55', long 82°26', on line between secs. 32 and 33, T. 6 S., R. 19 E., at bridge on State Highway 23, 0.5 mile south of Worthington, Union County.'

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	-	-	-	-	-	-	-	-	-	4.0	3.0	4.00
1932	5.12	5.44	25.5	7.81	2.13	58.8	27.0	271	475	59.4	119	71.2
1933	65.5	233	313	1,180	83.0	23.4	113	269	843	71.2	34.3	20.0
1934	16.9	35.6	65.3	33.0	219	3,650	547	847	265	101	23.2	16.8
1935	48.4	38.5	23.4	6.41	3.71	3.58	95.0	417	3,430	421	82.0	52.5
1936	97.8	859	479	450	26.3	36.7	68.7	99.9	33.3	270	58.5	78.4
1937	229	1,280	396	857	131	39.6	102	302	1,390	1,656	241	214
1938	442	460	105	26.4	25.6	62.1	134	374	121	1,138	469	78.7
1939	52.5	73.8	73.6	35.6	38.2	341	877	1,049	246	72.0	28.9	49.8
1940	121	579	157	321	35.3	105	481	795	224	35.5	10.9	127
1941	344	435	338	119	16.9	246	867	362	203	2,236	1,370	1,295
1942	1,381	1,085	2,111	414	60.5	144	400	426	449	171	28.9	38.4
1943	47.2	31.1	52.1	22.5	50.0	18.0	60.9	754	264	42.1	13.0	17.1
1944	60.8	49.7	412	1,161	122	38.3	552	1,827	599	2,564	341	130
1945	688	260	62.5	22.7	17.3	17.4	272	1,254	577	179	47.4	602
1946	899	264	143	73.4	854	1,178	1,459	1,804	1,253	1,187	266	86.0
1947	56.3	535	1,357	583	154	215	147	168	2,186	2,365	1,788	795
1948	765	957	3,216	1,735	141	46.1	209	1,450	455	1,570	170	424
1949	248	969	143	334	68.9	94.1	233	513	1,516	266	555	170
1950	75.0	39.5	60.2	33.5	32.1	8.32	652	120	2,435	2,155	417	192
1951	167	144	144	131	19.6	12.7	26.1	78.3	138	120	359	185
1952	129	631	370	130	30.0	30.2	27.0	28.4	102	195	55.3	24.9
1953	249	149	144	1,116	118	142	134	1,423	1,477	1,307	379	1,801
1954	779	248	157	102	30.9	12.7	14.8	9.86	165	119	20.5	22.7
1955	80.4	353	52.2	31.1	8.27	5.05	162	57.0	56.8	10.2	15.8	9.61
1956	23.1	87.8	32.1	7.11	89.5	18.3	222	49.0	91.7	750	200	51.3
1957	27.8	21.0	54.9	63.2	46.7	1,263	290	549	239	343	59.5	74.7
1958	166	262	1,460	768	333	150	759	437	93.2	31.6	130	268
1959	1,047	647	3,303	944	1,716	1,263	686	303	982	1,121	308	149
1960	132	383	1,917	739	142	196	1,188	1,265	1,248	-	-	-

Month-end stage, in feet above mean sea level

1931	-	-	-	-	-	-	-	-	-	-	50.14	50.18
1932	50.22	50.22	50.56	50.06	49.92	51.50	50.73	55.00	53.34	50.50	52.84	50.82
1933	52.36	51.72	54.02	53.38	50.98	50.74	52.84	52.30	51.54	51.06	50.64	50.50
1934	50.44	51.39	51.04	50.72	57.64	58.00	54.80	53.66	51.39	50.90	50.58	50.52
1935	50.44	50.64	50.22	50.04	49.84	50.04	51.81	58.14	58.84	52.09	51.18	51.54
1936	52.84	57.14	53.04	51.14	50.54	50.67	51.34	51.94	50.10	51.99	50.69	51.08
1937	58.74	58.79	55.04	53.04	51.00	50.39	53.74	59.59	56.19	53.44	53.99	52.69
1938	53.40	52.19	51.14	50.48	52.08	52.94	54.66	51.56	51.44	59.34	51.99	51.45
1939	51.33	52.66	50.41	51.32	49.88	54.08	53.14	54.66	51.65	50.19	50.07	51.49
1940	51.89	54.44	51.34	51.04	49.88	50.14	56.20	55.31	50.94	49.83	49.71	55.02
1941	52.56	52.74	51.37	50.02	49.69	58.00	57.99	51.89	51.10	59.79	54.37	59.65
1942	53.67	60.26	57.74	51.44	50.13	53.13	55.82	52.28	54.38	50.36	49.97	50.64
1943	50.63	49.93	50.01	49.77	50.38	50.04	50.77	53.35	51.39	49.89	49.94	50.07
1944	50.37	50.27	58.53	53.70	50.39	50.05	56.43	58.24	52.08	57.71	52.16	51.40
1945	54.96	51.70	50.27	50.45	49.93	51.03	52.03	57.26	53.19	51.12	50.36	60.85
1946	55.84	52.12	52.35	50.54	53.50	59.99	61.20	59.42	57.10	53.98	51.80	50.87
1947	52.45	54.84	55.62	52.11	58.36	50.48	53.44	51.34	60.86	59.60	56.25	56.26
1948	59.03	54.56	57.54	53.74	51.33	50.48	57.59	55.09	52.61	53.06	53.35	55.68
1949	52.19	53.51	51.04	51.19	50.25	52.26	52.50	61.43	53.71	51.65	54.44	51.50
1950	50.67	50.43	50.81	50.27	50.32	49.69	55.42	50.71	57.32	58.76	52.35	52.74
1951	51.58	51.16	52.52	51.20	49.94	50.24	51.11	50.09	53.64	50.43	53.15	53.46
1952	52.18	57.73	53.14	51.14	-	49.85	49.80	50.91	53.06	51.96	50.33	50.09
1953	52.43	51.29	51.34	54.92	50.16	53.46	54.83	62.60	60.06	53.56	53.12	60.53
1954	53.73	52.29	51.68	51.41	50.04	49.65	49.88	49.90	54.81	50.20	49.96	50.07
1955	51.87	51.71	51.02	49.77	49.76	49.82	51.56	50.43	49.91	49.82	49.79	49.81
1956	50.41	50.76	49.83	49.94	50.08	51.97	50.25	50.30	51.67	56.79	51.03	50.37
1957	50.16	50.44	50.87	50.08	50.98	52.38	53.83	52.96	53.05	51.00	51.09	50.77
1958	52.60	58.38	65.40	56.81	51.95	53.71	53.23	52.89	50.27	50.17	50.51	53.11
1959	54.27	55.54	58.54	55.83	59.57	55.16	53.72	53.48	56.40	55.39	52.79	51.72
1960	53.00	58.59	59.49	53.28	50.74	54.81	59.79	57.76	60.18	-	-	-

58. SOUTH FORK BLACK CREEK NEAR CAMP BLANDING, FLA.

Location.--Lat 29°56'33", long 81°53'52", on line between secs. 27 and 28, T. 6 S., R. 24 E., at bridge on State Highway 21, 6 miles southeast of main entrance to Camp Blanding, and 6 miles southwest of Penney Farms.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957	-	-	-	-	-	-	-	-	-	49.9	27.8	25.2
1958	31.9	34.5	53.6	47.2	31.9	21.1	23.3	25.7	19.1	17.7	25.2	33.8
1959	48.5	38.0	105	61.7	131	93.1	76.4	50.3	92.0	60.0	39.7	34.8
1960	32.7	38.2	68.2	49.8	31.3	28.6	68.7	67.8	89.7	-	-	-

Month-end stage, in feet above mean sea level

1957	-	-	-	-	-	-	-	-	-	44.19	44.23	44.00
1958	44.17	44.94	44.63	44.32	43.95	43.67	43.72	43.66	43.47	43.64	43.69	44.04
1959	44.20	45.99	45.24	44.50	46.00	44.78	45.42	45.49	45.01	44.75	44.44	44.34
1960	44.51	44.54	45.16	44.34	44.34	43.95	45.45	44.58	45.93	-	-	-

59. SOUTH FORK BLACK CREEK NEAR PENNEY FARMS, FLA.

Location.--Lat 29°58'45", long 81°51'08", in NE¼ sec. 13, T. 6 S., R. 24 E., at bridge on State Highway 16, 2½ miles west of Penney Farms.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1939	-	-	-	-	-	-	-	-	-	33	39.2	56.4
1940	82.7	163	62.3	134	34.3	101	141	103	74.5	25.2	18.1	225
1941	162	137	118	91.1	33.7	182	379	156	162	564	225	321
1942	245	281	485	97.3	47.9	245	174	118	163	48.5	38.8	71.0
1943	59.7	47.3	63.9	38.3	70.8	127	173	415	291	60.3	45.7	55.7
1944	148	71.1	351	325	62.9	83.6	414	583	161	583	100	88.5
1945	161	92.6	55.9	53.0	35.8	66.5	126	238	310	133	58.8	325
1946	189	83.1	106	54.1	288	225	342	411	377	175	91.2	58.6
1947	60.0	127	306	139	77.3	83.9	228	155	637	633	484	183
1948	398	251	666	237	60.9	61.1	165	305	161	450	75.0	94.8
1949	78.2	173	68.3	121	85.9	61.2	48.1	161	236	205	107	62.9
1950	48.2	40.5	58.2	42.2	37.3	29.4	132	37.6	465	586	89.9	82.1
1951	80.0	69.9	78.5	52.0	25.5	24.3	46.3	63.8	68.2	98.5	175	102
1952	66.7	199	109	70.3	72.9	99.0	86.9	81.6	207	236	63.6	39.5
1953	131	181	114	524	41.9	45.7	127	885	452	313	120	432
1954	151	117	89.5	69.1	39.5	29.8	33.8	22.3	34.2	72.4	31.2	36.7
1955	69.7	125	43.1	32.5	18.6	16.2	43.8	26.6	127	59.1	25.8	26.5
1956	45.5	109	34.5	28.2	84.2	153	152	72.6	48.9	222	44.3	33.5
1957	30.5	34.0	81.3	40.6	47.6	176	160	237	184	196	50.5	51.0
1958	101	102	313	223	81.2	39.7	58.1	133	35.8	55.9	122	196
1959	271	129	593	171	747	320	254	228	356	173	77.6	67.3
1960	66.8	124	431	172	59.8	143	530	271	529			

59. SOUTH FORK BLACK CREEK NEAR PENNEY FARMS, FLA. - continued

Month-end stage, in feet above mean sea level

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1939	-	-	-	-	-	-	-	-	-	-	11.48	12.34
1940	12.[illegible]	11.96	12.20	11.56	11.56	11.88	11.68	12.09	12.22	11.38	11.41	13.59
1941	12.15	12.37	11.89	11.72	11.79	15.92	12.73	13.38	11.57	15.25	12.13	14.54
1942	12.24	14.15	13.44	11.62	11.82	13.79	12.61	12.16	12.82	11.28	11.20	12.90
1943	11.[illegible]	11.24	11.23	11.03	11.32	12.62	11.95	14.97	12.19	11.24	11.49	11.73
1944	11.[illegible]	11.47	20.57	12.00	11.40	12.04	17.79	13.19	12.15	12.66	12.13	11.87
1945	12.[illegible]	11.[illegible]	11.14	11.81	10.78	11.27	11.80	12.76	12.61	11.60	11.39	16.04
1946	12.35	12.58	12.73	11.08	12.08	16.78	18.50	17.43	13.08	12.00	11.75	11.51
1947	15.09	12.08	13.91	11.54	12.14	11.93	15.16	11.72	13.72	13.87	12.58	12.41
1948	15.94	12.42	12.82	11.70	11.28	11.51	13.77	12.00	12.76	11.85	11.82	11.91
1949	11.83	11.89	11.37	11.31	11.26	11.62	10.95	16.70	20.91	11.69	11.76	11.43
1950	11.16	11.00	11.32	11.13	10.84	10.64	11.03	11.17	25.42	12.59	11.68	13.06
1951	11.52	11.33	11.62	10.99	10.74	11.57	11.67	11.02	12.78	11.28	11.76	12.41
1952	12.00	13.52	12.26	11.52	13.16	11.50	11.51	13.44	14.36	12.04	11.48	11.34
1953	11.60	11.61	11.57	11.99	11.10	11.37	13.18	21.02	14.96	12.71	11.96	15.25
1954	12.11	12.21	11.45	11.73	11.47	10.92	10.51	10.60	11.17	10.84	10.81	10.96
1955	11.79	11.40	11.65	10.69	10.89	11.12	12.12	10.78	11.42	10.83	10.82	11.06
1956	11.32	11.48	11.00	11.28	11.14	13.85	11.21	11.14	10.90	11.74	11.17	11.02
1957	11.00	11.56	11.55	11.00	11.49	11.02	12.19	12.38	15.18	11.32	11.44	11.30
1958	12.21	16.12	12.74	11.71	11.63	11.23	11.19	11.20	10.70	11.10	11.41	12.44
1959	12.09	17.69	12.87	11.76	13.58	12.32	12.09	13.35	12.17	11.98	11.60	11.52
1960	12.78	13.30	13.57	11.80	12.29	13.76	19.89	12.78	18.76	-	-	-

60. SWIFT CREEK NEAR LAKE BUTLER, FLA.

Location.--Lat 30°03', long 82°25', in sec. 16, T. 5 S., R. 19 E., at bridge on State Highway 100, 5 miles northwest of Lake Butler.

Monthly mean discharge, in cfs

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1957	-	-	-	-	-	-	-	-	17.1	19.0	1.09	4.38
1958	14.5	25.1	106	102	27.1	8.57	41.1	61.5	10.9	.12	.75	5.90
1959	97.1	46.6	305	71.7	195	104	22.3	22.7	80.1	75.3	28.1	14.3
1960	14.2	62.1	236	41.2	5.49	5.21	43.7	50.7	60.2	-	-	-

Month-end stage, in feet above mean sea level

1957	-	-	-	-	-	-	-	112.82	112.69	111.90	111.93	111.86
1958	112.58	114.03	113.62	113.23	111.76	112.36	112.53	112.96	110.60	110.62	110.77	111.58
1959	112.52	114.50	114.38	113.19	115.34	111.34	112.41	111.08	113.19	112.94	112.01	111.55
1960	112.02	114.81	114.21	111.68	110.40	111.63	113.57	114.14	114.14	-	-	-

62. WADESBORO SPRING NEAR ORANGE PARK, FLA.

Location.--Nine-tenths of a mile southwest of Orange Park on State Highway 224A at railroad crossing.

Measurements of discharge.--Apr. 18, 1946, 1.40 cfs; Apr. 20, 1956, 0.71 cfs; Oct. 18, 1960, 1.41 cfs.

63. WATER OAK CREEK NEAR STARKE, FLA.

Location.--Lat 30°01', long 82°09', in sec. 36, T. 5 S., R. 21 E., at bridge on State Highway 16, 6.2 miles northwest of Starke.

Measurements of flow

Date	Discharge (cfs)	Gage Height (ft.)	Date	Discharge (cfs)	Gage Height (ft.)
5- 6-58	1.24	9.40	3-18-60	582	13.85
12-15-58	77.9	11.24	3-18-60	592 (from rating)	13.89
3-19-59	325	12.75	8-17-60	10.6	10.17

64. YELLOW WATER CREEK NEAR MAXVILLE, FLA.

Location.--Lat 30°13'44", long 81°55'17", in NE¼ sec. 20, T. 3 S., R. 24 E., at bridge on State Highway 228, 5.8 miles northeast of Maxville.

Measurements of flow

Date	Discharge (cfs)	Stage (ft., msl)	Date	Discharge (cfs)	Stage (ft., msl)
9-12-57	24.5	53.96	2-16-59	7.70	53.30
10- 4-57	192	55.61	3-18-59	230	55.78
12- 5-57	1.68	52.31	4-14-59	3.43	52.99
1-16-58	15.6	53.63	5-23-59	605	56.72
3-12-58	20.7	53.79	7-31-59	2.90	52.76
4-11-58	- (peak)	57.82	9-24-59	14.9	53.62
4-11-58	262	55.88	11-10-59	4.82	52.85
5- 7-58	1.63	52.33	1- 5-60	2.67	52.57
7- 9-58	6.88	53.15	3- 2-60	19.7	53.76
8-27-58	6.36	52.90	4-26-60	1.94	52.76
10-29-58	.44	52.11	6-22-60	1.35	52.66
12-19-58	5.40	53.05	8-17-60	2.80	52.51

Table 2. Chemical Analyses and Temperatures of Surface Waters

(Note: Numbers preceding station names are location numbers in figures 3 and 4)

Chemical analyses in parts per million except specific conductance, pH, and color

Date of collection		Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(35) NEWNANS LAKE NEAR GAINESVILLE, FLA.																						
July 12, 1957.....		--	0.1	0.01	5.6	1.7	9.0	0.8	21	3.0	14	0.3	0.2	--	45	76	21	4	86	6.6	65	88
Oct. 7, 1958.....	S	1.7	1.6	.00	3.6	1.3	5.1	--	11	1.5	10	.3	.0	0.0	29	--	14	6	63	5.6	50	71
Mar. 20, 1959.....	S	6.5	3.0	.07	4.2	.9	3.8	.0	10	1.2	2.5	.2	.1	--	21	59	14	6	49	6.0	110	57
Jan. 1, 1960.....	S	2.5	2.3	.05	3.2	1.1	3.9	.5	4	2.5	5.8	.2	4.4	.1	26	67	12	9	52	5.3	95	55
June 22.....	S	2.5	1.6	.14	3.2	1.3	5.0	1.0	7	3.2	7.0	.2	.4	.0	26	53	14	8	53	6.2	80	82
(7) CAMPS CANAL NEAR ROCHELLE, FLA.																						
Oct. 7, 1958.....		34	1.9	0.00	3.8	1.1	4.8	--	10	2.0	10	0.2	0.0	0.0	29	--	14	6	63	5.6	60	75
Mar. 20, 1959.....		833	2.0	.04	4.4	1.0	5.2	0.0	8	4.8	8.8	.2	1.7	--	32	63	15	8	58	5.8	110	61
Jan. 1, 1960.....		70	2.6	.15	3.2	1.1	3.9	.5	4	2.4	5.8	.2	4.5	.5	26	64	12	9	52	5.5	110	55
June 21.....		60	1.1	.08	3.6	.7	4.8	.2	10	.8	8.0	.1	.1	.0	24	29	12	4	48	5.9	60	84
(43) ORANGE LAKE AT ORANGE LAKE, FLA.																						
Oct. 7, 1958.....			4.3	0.00	6.8	1.9	4.8	--	21	3.0	10	0.3	0.8	0.1	42	--	25	8	83	6.4	50	76
Jan. 1, 1960.....			3.4	.02	6.0	1.6	4.7	0.8	18	2.0	7.0	.2	1.3	.13	36	66	22	6	68	6.5	80	59
June 21.....	S	58.3	2.3	.03	6.0	1.2	4.6	.1	20	.8	8.2	.1	.2	.0	33	49	20	4	61	6.3	55	83
(45) PEBBLE LAKE NEAR KEYSTONE HEIGHTS, FLA.																						
Nov. 27, 1957.....	S	10.0	4.7	0.02	0.8	0.5	2.4	0.2	4	2.8	4.0	0.1	0.0	0.4	18	21	4	0	24	5.7	10	--
Oct. 1, 1958.....	S	6.6	1.7	.00	1.0	.1	3.2	--	3	1.5	4.0	.1	.1	.4	14	--	3	0	23	5.4	3	79
Mar. 19, 1959.....		--	1.0	.05	.8	.4	2.0	.0	2	2.0	3.5	.1	.1	--	11	13	4	2	21	5.3	3	61
Dec. 30.....	S	5.4	1.6	.04	.8	.2	3.4	.5	2	.8	3.5	.1	.4	.0	12	15	3	2	22	5.9	5	62
June 22, 1960.....	S	5.8	1.4	.01	.8	.4	2.1	.0	2	.8	3.5	.0	.0	.1	10	9	4	2	19	5.2	0	85
(41) ORANGE LAKE AT HEAGEY'S FISHING CAMP, FLA.																						
Mar. 19, 1959.....	S	59.1	0.7	0.03	7.6	1.1	6.3	0.1	20	2.4	10	0.2	0.8		39	67	24	7	79	6.5	45	58
Jan. 4, 1960.....	S	57.6	2.0	.03	7.0	1.1	4.8	.8	20	2.4	9.0	.2	.3		38	46	22	6	70	6.4	65	66
June 21.....	S	58.3	1.6	.03	6.0	1.7	5.0	.9	20	1.2	7.5	.3	.2	0.0	34	58	22	6	65	6.4	45	83

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(30) LOCHLOOSA CREEK AT GROVE PARK, FLA.																					
Mar. 17, 1959.....	I 751	2.2	0.09	2.0	1.0	3.8	0.0	4	0.4	5.0	0.2	0.3	--	17	60	9	6	40	5.4	150	58
Jan. 4, 1960.....		11	.03	4.4	2.7	7.1	.9	14	1.6	12	.3	.2	0.0	47	92	22	10	78	6.1	160	59
June 21.....		6.1	.07	4.4	1.9	4.3	.4	9	2.4	8.5	.2	.1	.7	33	72	19	12	57	5.6	220	83
(32) LOCHLOOSA LAKE AT LOCHLOOSA, FLA.																					
Oct. 7, 1958.....		0.4	0.00	15	3.3	12	--	50	12	16	0.3	0.4	0.0	84	--	51	10	142	6.6	15	76
Mar. 17, 1959.....		.8	.04	14	1.7	7.8	0.1	36	6.8	12	.3	.9	--	63	91	42	12	122	6.7	45	62
Jan. 4, 1960.....		5.7	.02	9.4	3.0	6.2	1.0	33	6.0	10	.2	1.0	1.1	60	90	36	9	103	6.8	75	59
June 21.....		.0	.06	8.0	2.2	5.8	.4	29	3.2	10	.2	.0	.0	44	49	29	5	83	6.7	45	85
(10) DEEP CREEK NEAR RODMAN, FLA.																					
Nov. 22, 1957.....	I 60	10	0.06	19	6.2	3.4	0.2	87	2.2	5.5	0.1	0.0	0.3	90	96	73	2	150	7.5	90	64
Mar. 17, 1959.....		4.5	.10	6.2	2.1	3.1	.1	20	.8	4.5	.3	.1	--	32	71	24	8	56	6.7	190	57
Dec. 30.....		11	.11	19	5.7	3.6	.5	82	3.2	6.5	.1	.0	.3	90	94	71	4	154	7.6	35	60
June 21, 1960.....		17	.12	17	5.5	3.4	1.6	68	6.0	5.5	.2	.0	.0	89	104	65	10	135	7.1	75	74
(50) SAND HILL LAKE NEAR KEYSTONE HEIGHTS, FLA.																					
July 8, 1957.....	--	1.7	0.01	0.8	0.5	3.6	0.4	4	0.5	5.0	0.0	0.2	--	19	24	4	0	29	5.6	3	87
Nov. 27.....	S 5.4	4.0	.01	.4	.7	3.0	.2	4	2.5	5.0	.1	.0	0.0	18	25	4	0	26	5.7	5	--
Oct. 1, 1958.....	S 5.2	3.0	.01	.6	.8	4.8	--	3	3.5	5.5	.1	.0	.0	20	--	4	2	28	5.5	2	83
Mar. 20, 1959.....	S 6.3	2.4	.03	1.4	.5	3.4	.0	1	.8	5.8	.1	.1	--	15	26	6	4	37	4.8	38	62
Dec. 31.....	S 5.7	1.3	.04	1.2	.5	3.4	.0	2	2.4	4.2	.1	.2	.0	14	16	5	4	24	5.3	5	55
June 22, 1960.....	S 5.8	2.4	.01	1.0	.4	2.8	.1	3	2.4	4.2	.0	.0	.0	15	12	4	2	24	5.3	5	82
(34) MAGNOLIA LAKE NEAR KEYSTONE HEIGHTS, FLA.																					
Nov. 27, 1957.....	--	1.9	0.01	0.8	0.6	2.9	0.2	4	1.8	5.0	0.0	0.0	0.0	18	20	4	1	26	5.8	5	--
Mar. 20, 1959.....	S 7.7	.8	.02	1.0	.4	2.8	.0	2	2.8	5.0	.1	.5	--	14	18	4	2	28	5.1	20	63
Dec. 31.....	S 7.3	1.6	.07	1.2	.1	2.6	.2	4	2.4	4.0	.1	.0	--	14	28	4	0	26	6.1	17	56
June 22, 1960.....	S 1.3	.9	.02	1.2	.2	2.9	.0	3	2.4	4.2	.0	.0	.0	13	15	4	2	24	5.4	3	83
INFLOW TO CRYSTAL LAKE NEAR KEYSTONE HEIGHTS, FLA.																					
Dec. 20, 1957.....		5.3	0.01	0.4	0.2	2.0	0.0	4	0.5	3.0	0.0	0.0	0.2	14	17	2	0	16	6.3	10	

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(9) CRYSTAL LAKE NEAR KEYSTONE HEIGHTS, FLA.																					
Dec. 20, 1957.....		2.2	0.02	3.2	0.7	3.4	0.2	13	2.2	5.5	0.0	0.0	0.0	24	31	11	0	41	7.7	5	--
Oct. 2, 1958.....		4.4	.01	4.0	.2	3.8	.4	10	3.5	5.0	.1	.1	.0	26	24	11	3	38	6.7	5	82
Mar. 20, 1959.....		1.4	.05	1.4	.4	2.7	.0	3	2.4	4.5	.1	.2	--	15	16	5	2	27	5.7	2	63
Dec. 30.....		.0	.05	2.0	.5	2.8	.0	7	1.6	4.2	.0	.1	.0	15	18	7	2	30	6.4	5	61
June 23, 1960.....		.7	.02	2.2	.6	2.7	1.0	6	2.4	3.5	.0	.0	.0	16	19	8	3	31	6.3	15	83
(4) BROOKLYN LAKE NEAR KEYSTONE HEIGHTS, FLA.																					
July 11, 1957.....	--	0.2	0.01	1.2	0.7	4.0	0.4	4	2.5	6.0	0.0	0.1	--	17	21	6	2	37	5.7	3	88
Nov. 25.....	S 4.7	1.3	.00	1.2	1.0	4.0	.2	3	5.2	7.0	.0	.0	0.0	21	34	7	4	41	5.5	5	--
Oct. 1, 1958.....	S 6.2	1.0	.01	1.6	1.2	4.4	.4	2	5.5	6.0	.1	.1	.0	21	22	9	8	40	5.5	3	84
Mar. 19, 1959.....	S 9.6	.9	.05	1.4	.5	3.9	.0	1	5.2	6.0	.1	.0	--	18	21	6	4	36	5.1	2	60
Dec. 30.....	S 22.8	1.4	.03	1.0	.6	2.6	.3	4	3.2	4.8	.1	.2	.0	16	--	5	2	28	5.6	10	60
June 22, 1960.....	S 22.9	.5	.02	1.4	.2	2.9	.0	3	2.8	5.0	.0	.0	.1	14	19	4	2	26	5.5	2	83
(23) LAKE GENEVA AT KEYSTONE HEIGHTS, FLA.																					
July 9, 1957.....	S 5.6	2.5	0.01	1.2	1.2	6.0	0.7	4	3.0	9.0	0.0	0.1	--	26	31	8	4	53	5.6	3	88
Nov. 26.....	--	.8	.01	.8	1.3	6.2	.4	3	5.5	9.5	.0	.0	0.0	26	28	8	5	52	5.5	0	--
Oct. 1, 1958.....	S 5.1	.9	.00	2.0	.7	5.6	.7	2	6.8	10	.1	.1	.1	28	26	8	6	56	5.2	3	83
Mar. 19, 1959.....	--	.8	.00	1.2	1.1	6.4	.0	1	6.8	10	.1	.2	--	27	31	8	6	55	5.1	2	--
Dec. 30.....	S 7.3	.2	.02	1.4	1.1	6.3	.9	2	6.0	9.0	.1	.1	.0	26	34	8	6	53	5.6	1	60
June 21, 1960.....	S 7.6	.0	.02	1.4	1.2	5.9	1.0	2	6.8	8.5	.1	.1	.0	26	32	8	7	52	5.5	5	86
(25) LAKE JOHNSON AT GOLD HEAD BRANCH STATE PARK NEAR KEYSTONE HEIGHTS, FLA.																					
Nov. 27, 1957.....	S 0.4	3.3	0.02	0.4	0.5	2.4	0.2	4	2.2	4.0	0.0	0.0	0.2	15	20	3	0	24	5.4	30	--
Oct. 1, 1958.....	S .3	2.4	.01	.8	.2	2.4	.4	3	8.2	4.0	.0	.1	.0	20	--	3	0	22	5.6	5	80
Mar. 19, 1959.....	S .5	2.8	.05	.6	.2	2.0	.0	2	1.2	3.2	.1	.0	--	11	14	2	1	20	5.2	5	60
Dec. 30.....	S 1.0	3.8	.05	.6	.4	2.4	.1	4	.0	4.0	.0	.1	.1	13	19	3	0	22	5.9	25	59
June 22, 1960.....	S 1.6	3.1	.04	1.2	.4	2.4	.0	2	.8	3.5	.0	.1	.0	13	14	4	3	21	5.3	10	84
(15) HALL LAKE NEAR KEYSTONE HEIGHTS, FLA.																					
Dec. 16, 1957.....		0.6	0.01	1.6	1.7	7.8	0.5	2	11	13	0.1	0.1	0.1	37	62	11	10	74	5.3	10	--
Oct. 2, 1958.....		1.1	.00	1.8	2.1	11	--	1	16	14	.1	.0	.0	47	--	13	12	89	4.7	3	81
Mar. 20, 1959.....		1.1	.01	2.0	1.6	7.3	.0	0	13	12	.1	.2	--	37	44	12	12	76	4.7	0	62
Dec. 30.....		.1	.01	2.2	1.8	6.1	.6	2	11	12	.1	.0	.0	35	38	13	12	79	5.1	2	59
June 23, 1960.....		.0	.04	2.4	1.9	8.4	.6	1	14	12	.1	.0	.0	40	--	14	13	83	4.8	5	81

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(57) SMITH LAKE NEAR KEYSTONE HEIGHTS, FLA.																					
Dec. 16, 1957.....		1.2	0.02	2.0	2.3	12	0.7	3	8.8	22	0.1	0.4	0.1	51	62	14	12	104	5.6	10	--
Oct. 2, 1958.....		1.0	.00	3.6	2.4	14	1.1	1	20	20	.1	.4	.0	63	74	19	18	123	4.9	0	81
Mar. 20, 1959.....		1.4	.04	3.2	2.1	9.1	.0	1	17	14	.1	.0	--	47	61	16	16	95	5.0	3	63
Dec. 30.....		.2	.01	2.8	1.9	11	1.4	2	16	16	.2	.1	.0	51	63	15	14	100	6.2	6	59
June 23, 1960.....		.0	.04	3.0	1.9	9.8	1.2	3	15	16	.0	.0	.0	48	62	16	13	94	5.2	8	83
(24) LAKE GRANDIN NEAR INTERLACHEN, FLA.																					
July 11, 1957.....	S 6.5	0.5	0.01	2.0	1.2	5.9	0.3	6	4.0	9.5	0.0	0.1	--	27	39	10	5	55	5.7	10	86
Dec. 30, 1959.....	S 7.8	.0	.12	1.8	1.3	6.2	.0	4	6.4	10	.1	.2	0.0	28	32	10	6	57	5.6	7	60
June 21, 1960.....	S 7.9	1.5	.05	2.2	1.0	5.5	.0	4	6.0	9.5	.0	.1	.1	28	34	10	6	51	5.5	5	--
(8) CLARKES CREEK NEAR GREEN COVE SPRINGS, FLA.																					
Sept. 30, 1958....		11	0.00	11	0.7	6.2		35	2.2	9.0	0.2	0.0	0.2	58		30	2	87	7.1	30	
(46) PETERS CREEK NEAR PENNEY FARMS, FLA.																					
Sept. 30, 1958....		8.8	0.00	6.0	0.6	4.8		20	0.5	7.5	0.2	0.0		39		18	1	58	6.8	40	
(58) SOUTH FORK BLACK CREEK NEAR CAMP BLANDING STATE ROAD 21, FLA.																					
Mar. 18, 1959.....		2.9	0.14	5.8	0.9	4.4	0.0	12	3.6	7.0	0.2	0.0		31	46	18	8	62	6.5	50	56
(2) ATES CREEK NEAR PENNEY FARMS, FLA.																					
Dec. 18, 1957.....		6.6	0.25	1.8	1.1	4.5	0.0	5	1.2	9.0	0.1	0.1	0.7	28	59	9	5	47	5.6	180	--
Sept. 30, 1958....		6.3	.00	2.0	.1	3.7	--	4	.5	5.5	.3	.1	1.0	22	--	6	2	31	5.4	80	71
Feb. 13, 1959.....	I 37.2	6.2	.27	2.0	1.0	5.9	.0	1	3.2	9.8	.2	.4	--	29	74	9	8	55	4.7	220	--
Mar. 17.....		2.9	.30	.8	.5	2.7	.0	1	2.2	4.5	.1	.1	--	14	38	4	3	27	4.8	130	55
Dec. 31.....		7.8	.34	2.4	.6	4.8	.4	4	2.4	10	.2	.1	.4	31	57	8	5	40	5.5	150	52
June 22, 1960.....		5.7	.24	2.4	.5	3.9	.0	3	.8	6.5	.2	.3	.4	22	39	8	6	37	5.1	160	76

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(14) GREENS CREEK NEAR PENNEY FARMS, FLA.																					
Dec. 18, 1957	E 0.1	11	0.17	3.8	1.6	7.0	0.0	14	1.0	14	0.1	0.0	0.2	46	71	16	4	69	6.5	60	--
Sept. 30, 1958		7.7	.00	9.2	.9	5.5	--	27	1.8	10	.2	.0	.1	48	--	26	4	80	6.8	80	73
Mar. 17, 1959		2.6	.17	1.6	.0	3.0	.0	0	.4	4.2	.1	.4	--	12	36	4	4	31	4.7	110	55
Dec. 31		11	.27	5.8	.5	6.2	.4	17	.8	12	.2	.0	--	45	70	16	2	68	6.5	70	49
June 22, 1960		7.1	.26	4.0	.7	6.0	.1	8	.8	11	.1	.2	.0	34	50	13	6	54	5.8	0	74
(59) SOUTH FORK BLACK CREEK NEAR PENNEY FARMS, FLA.																					
Aug. 23, 1957	409	6.5	--	2.6	0.9	5.0	0.0	6	1.2	9.5	0.2	0.1	--	29	86	10	4	52	5.3	250	75
Oct. 8	170	5.3	0.58	3.6	.7	4.4	.3	7	.0	13	.2	.2	--	32	3	12	6	50	5.7	380	--
Nov. 26	61	5.7	.11	3.6	1.1	4.3	.4	10	.0	7.0	.1	.1	--	27	51	14	6	52	6.0	100	63
Jan. 13, 1958	80	7.7	.07	3.0	1.5	5.6	.5	7	3.0	10	.2	.1	--	35	55	14	8	60	5.7	80	56
Mar. 13	335	5.3	.26	2.4	1.1	5.6	.5	5	2.0	9.5	.2	.1	--	29	67	10	6	53	5.3	160	61
May 5	56	6.6	.13	2.6	1.2	4.3	.3	8	2.0	6.8	.2	.2	--	28	45	12	5	46	5.9	100	75
July 7	59	6.0	.22	3.0	1.2	4.5	.5	8	2.5	7.2	.3	.1	--	29	53	12	6	48	5.9	120	79
Sept. 3	33	6.0	.11	4.6	.4	3.8	.3	11	2.2	6.5	.0	.1	--	30	52	13	4	47	6.3	120	--
Sept. 30, Oct. 1-11	42	7.4	.07	5.6	.7	3.8	.4	12	4.8	7.2	.2	.2	0.5	37	51	17	7	52	6.3	75	--
Oct. 12, 14-26	75	12	.10	24	1.5	5.8	.7	72	6.4	11	.2	.0	.4	97	130	68	7	159	6.8	60	--
Oct. 13	25	--	--	--	--	--	--	11	3.6	--	--	--	--	--	--	15	6	52	6.1	55	--
Oct. 27-28, 30, Nov. 1-2, 4-6, 8, 10, 12-14, 18-19	121	7.9	.17	5.6	.7	4.8	.4	12	8.0	10	.2	.1	.5	44	77	17	7	62	6.1	150	--
Oct. 29	34	--	--	--	--	--	--	86	4.8	--	--	--	--	--	--	76	6	184	6.8	20	67
Oct. 31	39	--	--	--	--	--	--	90	5.6	--	--	--	--	--	--	81	7	193	6.8	12	67
Nov. 3	48	--	--	--	--	--	--	47	5.6	--	--	--	--	--	--	40	2	111	6.8	65	64
Nov. 7	512	--	--	--	--	--	--	81	5.2	--	--	--	--	--	--	72	6	175	6.8	20	67
Nov. 11	141	--	--	--	--	--	--	61	8.0	--	--	--	--	--	--	58	8	141	6.7	60	66
Nov. 15	66	--	--	--	--	--	--	70	8.8	--	--	--	--	--	--	69	12	160	6.7	30	70
Nov. 20	47	--	--	--	--	--	--	87	9.2	--	--	--	--	--	--	81	10	186	6.6	10	67
Nov. 21-22, 24-25, 28-29, Dec. 1, 3-8, 11-13, 15-18	226	7.5	.23	3.6	1.0	4.6	.4	6	8.0	10	.2	.0	.4	39	75	13	8	55	5.6	160	--
Nov. 26-27	80	9.5	.08	24	1.7	4.9	.7	71	11	8.0	.3	.0	.3	95	--	67	9	157	6.9	45	--

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(59) SOUTH FORK BLACK CREEK NEAR PENNEY FARMS, FLA.--Continued																					
Dec. 2, 1958.....	50	--	--	--	--	--	--	83	11	--	--	--	--	--	--	83	15	189	6.6	10	70
Dec. 20, 23, 25...	84	11	0.03	30	2.7	5.0	0.4	81	16	12	0.2	0.4	--	118	156	86	20	200	7.5	30	--
Dec. 22, 26-27, 29-31.....	118	9.7	.15	4.0	.7	5.3	.1	6	4.0	9.0	.1	.2	--	36	64	13	8	56	5.8	120	--
Jan. 1-8, 1959....	625	5.6	.16	3.2	.7	5.0	.1	5	4.0	8.5	.2	.2	--	30	71	11	7	54	5.4	190	--
Jan. 9.....	185	9.4	--	--	--	5.0	.5	70	15	10	.2	1.5	--	--	--	80	22	180	6.8	15	60
Jan. 10.....	162	11	--	--	--	5.5	.2	45	10	8.0	.2	.7	--	--	--	47	10	118	6.6	90	50
Jan. 12-15, 17, 18-20.....	150	7.6	.14	3.2	1.0	4.7	.1	6	4.0	8.0	.2	.1	--	32	62	12	7	55	5.8	130	--
Jan. 16.....	238	8.9	--	--	--	6.0	.5	67	20	12	.2	3.4	--	--	--	84	29	196	6.8	20	58
Jan. 21, 23, 26-31	122	7.4	.13	3.2	1.0	5.3	.1	8	4.4	8.5	.2	.1	--	34	56	12	6	54	6.1	150	--
Jan. 24-25.....	168	8.0	--	34	3.2	6.0	.5	83	22	12	.2	.4	--	127	145	98	30	228	7.0	10	--
Feb. 2-7,9-10.....	137	6.4	.16	3.2	1.0	4.8	.1	8	4.0	7.5	.2	.1	--	31	61	12	6	53	6.0	150	--
Feb. 11-16, 18-20.	112	6.6	.19	4.0	.7	5.3	.1	9	4.0	8.0	.2	.2	--	34	65	13	6	56	6.1	160	--
Feb. 21-28.....	151	6.3	.16	3.2	1.0	4.4	.1	8	4.4	7.0	.2	.1	--	31	57	12	6	50	6.2	150	--
Mar. 2-7, 9-10....	450	5.2	.19	2.8	1.0	4.8	.1	6	4.4	7.0	.1	.2	--	29	69	11	6	50	5.7	180	--
Mar. 11-14, 16-18.	982	5.8	.13	2.4	1.5	3.3	.0	7	4.0	7.2	.0	.1	--	28	51	12	6	41	5.9	140	--
Mar. 21-28, 30-31.	487	5.7	.17	2.8	.9	3.0	.0	6	3.8	6.8	.0	.1	--	26	50	10	6	41	5.8	150	--
Apr. 1-4, 6-10....	229	5.9	.20	3.4	1.0	3.3	.0	8	5.6	7.5	.0	.2	--	31	53	12	6	44	6.0	200	--
Apr. 11, 13-18, 20	117	6.2	.15	3.8	1.0	3.3	.0	8	4.2	7.0	.0	.2	--	30	50	14	7	44	6.2	140	--
Apr. 21-25, 27-30.	170	6.3	.21	3.2	1.2	3.6	.0	8	4.0	8.2	.0	.2	--	31	59	13	6	46	6.0	150	--
May 1-2, 4-9.....	56	6.6	.12	3.4	1.3	3.2	.0	11	4.4	7.2	.0	.1	--	32	40	14	5	45	6.5	120	--
May 11-16, 18-19..	80	6.9	.13	4.0	1.2	3.4	.0	13	4.8	6.8	.0	.1	--	34	50	15	4	50	6.6	100	--
May 21.....	10300	1.9	.12	1.0	.1	--	--	4	2.4	3.0	.1	--	--	12	28	3	0	18	5.6	110	--
June 4-10.....	547	5.4	.10	3.2	1.0	3.3	.0	6	.8	6.0	.2	.6	--	24	58	12	7	38	6.1	220	--
June 11-20.....	134	7.2	.31	3.2	1.5	3.8	.0	9	2.4	6.0	.2	.3	--	29	62	14	6	44	6.3	150	--
June 21-23.....	182	16	.18	4.0	1.7	6.4	.3	25	3.2	7.5	.0	.5	--	52	66	17	0	57	7.1	170	--
June 24.....	110	6.7	--	4.0	.5	3.4	.3	8	2.4	--	--	--	--	--	43	12	6	37	6.0	180	79
June 25.....	100	11	--	4.0	1.0	5.0	.3	16	2.0	--	--	.9	--	--	53	14	1	44	6.5	200	80
June 26-27, 29....	132	5.4	.02	3.6	.5	3.5	.2	10	3.6	6.5	.0	.3	--	29	55	11	3	40	6.6	170	--

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(59) SOUTH FORK BLACK CREEK NEAR PENNEY FARMS, FLA.--Continued																					
June 30, 1959	111	18	--	4.8	1.9	6.2	0.3	22	3.2	--	--	0.4	--	--	66	20	2	52	6.6	200	80
July 1-5	78	6.2	0.05	4.0	.7	3.5	.3	12	3.2	7.5	0.0	.2	--	32	43	13	3	44	6.5	160	--
July 6	73	13	--	4.8	1.0	5.1	.3	16	3.2	--	--	--	--	--	52	16	3	44	6.7	120	72
July 7	66	--	--	4.0	.5	3.7	.2	14	2.8	--	--	--	--	--	37	12	0	39	6.4	150	72
July 8-10	68	7.2	.06	4.0	1.0	3.7	.2	12	3.6	7.0	.0	.2	--	33	43	14	4	44	6.9	110	--
July 11-12	276	5.2	--	3.2	.7	3.1	.3	8	2.0	6.0	--	.4	--	25	56	11	4	37	6.2	170	--
July 14-20	603	5.8	.02	2.8	.7	3.4	.3	7	.8	5.5	.0	.7	--	23	59	10	4	34	6.3	230	--
July 21	288	--	--	3.2	1.0	4.6	.2	14	--	--	--	--	--	--	61	12	0	38	6.5	120	74
July 22	385	--	--	4.0	1.9	4.2	.2	22	1.6	--	--	--	--	--	88	18	0	55	6.3	150	74
July 23	338	--	--	4.0	1.5	4.9	.2	22	2.8	--	--	--	--	--	76	16	0	52	6.5	210	72
July 24-28	143	8.8	.10	3.2	1.5	3.6	.2	13	4.0	3.0	.2	1.0	--	32	58	14	4	43	6.6	180	--
July 29	85	--	--	6.4	1.0	6.0	.2	30	9.0	--	--	--	--	--	82	20	0	65	6.6	150	75
July 30-31, Aug. 1	264	5.4	.03	3.2	1.0	2.8	.2	10	2.4	4.0	.2	.1	--	24	42	12	4	38	6.4	150	--
Aug. 2	439	5.5	--	--	--	--	--	12	--	--	--	--	--	--	58	--	--	38	6.1	120	75
Aug. 3	533	--	--	3.2	1.5	4.5	.2	17	1.6	--	--	--	--	--	66	14	0	45	6.3	220	73
Aug. 4	381	8.9	--	2.4	1.0	4.2	.2	14	2.4	--	--	--	--	--	76	14	2	46	6.1	200	75
Aug. 5	206	--	--	4.8	1.5	4.9	.2	19	4.0	--	--	--	--	--	88	18	2	54	6.3	120	72
Aug. 6	130	--	--	3.2	1.9	4.2	.2	16	6.0	--	--	--	--	--	88	16	3	50	6.3	120	72
Aug. 7	116	8.1	--	3.2	.5	4.2	.2	9	--	--	--	--	--	--	52	10	2	40	6.1	120	75
Aug. 8	175	--	--	2.4	1.5	3.8	.2	9	.8	--	--	--	--	--	56	12	4	35	6.2	120	75
Aug. 9-10	274	12	--	4.0	1.9	5.3	.2	17	8.0	4.0	--	--	--	44	78	18	4	53	6.8	200	--
Aug. 11	263	9.5	--	4.0	1.5	4.6	.2	13	1.6	--	--	--	--	--	72	16	6	49	6.0	120	75
Aug. 12	332	12	--	4.0	1.5	7.0	.2	17	1.6	--	--	--	--	--	80	16	2	51	6.2	210	72
Aug. 13	556	8.4	--	3.2	1.5	5.4	.2	15	--	--	--	--	--	--	74	10	2	43	6.2	210	75
Aug. 14	415	--	--	4.0	1.9	5.5	.2	17	3.2	--	--	--	--	--	80	18	4	50	6.2	200	75
Aug. 15	287	9.5	--	3.2	1.5	4.9	.2	12	1.6	--	--	--	--	--	64	14	4	41	6.0	200	75
Aug. 16-18	272	7.8	.11	2.4	1.5	5.6	.2	12	.0	4.0	.4	.4	--	28	68	12	2	40	6.4	200	--
Aug. 19-21	131	6.8	.08	2.4	1.5	4.6	.2	10	2.0	6.0	.2	.4	--	28	62	12	4	39	6.3	180	--
Aug. 22-26	70	10	.06	3.2	1.9	4.7	.4	18	1.8	6.0	.2	.3	--	37	66	16	1	50	6.8	180	--
Aug. 27	56	5.8	--	2.4	1.0	3.2	.2	10	4.0	--	--	--	--	--	50	10	2	36	6.3	65	80

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(59) SOUTH FORK BLACK CREEK NEAR PENNEY FARMS, FLA.--Continued																					
Aug. 28, 1959.....	53	--	--	4.0	1.0	4.2	0.2	16	0.8	--	--	--	--	--	58	14	1	45	6.3	65	75
Aug. 29.....	58	13	--	3.2	1.9	3.3	.2	10	1.6	--	--	--	--	--	54	16	8	39	6.4	110	72
Aug. 30.....	157	16	--	3.2	1.0	4.7	.5	20	2.0	--	--	--	--	--	68	12	0	51	6.6	170	72
Aug. 31.....	195	--	--	4.8	1.0	3.0	.5	11	2.4	6.0	--	--	--	--	62	16	7	42	6.3	170	74
Sept. 1.....	214	11	--	4.8	1.9	4.4	.4	16	3.2	--	--	--	--	--	78	20	7	51	6.2	160	71
Sept. 2.....	383	9.8	--	3.2	1.0	3.1	.4	9	--	--	--	--	--	--	76	12	4	39	5.8	160	79
Sept. 3.....	223	9.8	--	3.2	1.0	4.2	.4	12	.0	--	--	--	--	--	70	12	2	42	6.0	160	74
Sept. 4.....	162	6.2	--	3.2	.5	3.4	.4	7	1.6	6.0	--	--	--	25	64	10	4	38	5.6	170	73
Sept. 5.....	268	--	--	3.2	1.5	3.4	.4	10	--	--	--	--	--	--	74	14	6	42	5.8	170	70
Sept. 6-8.....	204	6.6	0.08	2.4	1.5	3.2	.4	7	.0	6.0	0.2	0.6	--	24	64	12	6	38	5.8	180	--
Sept. 10.....	497	9.6	--	4.0	1.0	3.2	.3	11	.8	5.0	--	--	--	29	54	14	5	39	5.8	180	70
Sept. 11.....	373	--	--	3.2	1.5	7.2	.4	11	.8	--	--	--	--	--	70	14	5	42	5.8	180	75
Sept. 12.....	370	--	--	3.2	1.0	3.6	.4	8	.4	5.0	--	--	--	--	60	12	6	39	5.7	180	71
Sept. 13.....	742	10	--	2.4	1.0	3.1	.4	8	--	--	--	--	--	--	68	10	4	34	5.5	180	72
Sept. 14.....	786	--	--	3.2	1.0	3.8	.4	10	.4	--	--	--	--	--	52	12	4	38	5.7	180	74
Sept. 15.....	610	--	--	3.2	1.5	4.0	.4	10	.8	--	--	--	--	--	60	14	6	40	5.8	180	71
Sept. 16.....	775	--	--	4.0	.5	4.0	.4	8	--	--	--	--	--	--	56	12	6	40	6.0	180	70
Sept. 17.....	963	6.4	--	1.6	1.0	3.8	.4	6	.4	--	--	--	--	--	54	8	3	35	5.3	180	72
Sept. 18.....	664	9.0	--	2.4	1.0	3.8	.4	11	.4	5.0	--	--	--	27	56	10	1	37	5.8	200	72
Sept. 19.....	437	6.6	--	3.2	.5	3.1	.4	7	.4	3.0	--	--	--	21	54	10	4	36	5.4	200	74
Sept. 20.....	500	11	--	4.8	1.9	5.6	.4	19	.8	--	--	--	--	--	64	20	4	50	6.1	200	72
Sept. 21.....	444	--	--	4.8	1.0	5.3	.4	15	--	--	--	--	--	--	62	16	4	47	6.4	180	67
Sept. 22.....	298	6.8	--	4.0	.5	3.3	.4	10	1.2	6.0	--	--	--	27	42	12	4	41	5.7	180	70
Sept. 23.....	225	8.2	--	4.0	1.5	4.9	.4	14	.8	--	--	--	--	--	42	16	4	49	6.0	180	75
Sept. 24.....	186	8.2	--	4.0	1.0	4.3	.4	12	2.4	7.0	--	--	--	33	46	14	4	42	6.0	180	77
Sept. 26-30.....	118	6.4	.10	3.2	1.0	3.3	.4	8	1.2	5.0	.2	.2	--	25	26	12	6	37	6.1	150	--
Time-weighted average.†.....	262	--	--	5.1	1.1	4.3	0.2	16	4.5	--	--	--	--	--	65	17	4	60	--	145	--
Nov. 12, 1959.....	77	5.7	0.10	2.4	1.0	3.4	0.0	8	2.0	6.0	0.1	0.5	--	25	49	10	4	41	5.9	100	57
Jan. 7, 1960.....	68	3.8	.11	3.4	.9	4.1	.2	14	2.0	6.8	.2	.2	--	28	53	12	0	43	6.8	60	--
Mar. 16.....	238	4.6	.13	3.4	.6	4.6	.2	10	3.2	8.5	.2	.4	0.4	31	52	11	3	47	6.1	100	--
Apr. 27.....	115	4.9	.18	3.0	.9	4.1	.0	8	2.0	6.5	.2	.3	.3	26	53	11	4	40	6.4	100	--
June 23.....	107	5.3	.03	3.0	.6	3.2	.7	4	1.6	6.0	.2	.0	.2	23	51	10	6	40	5.7	95	--
Aug. 18.....	103	4.7	.05	3.0	.4	3.1	.2	6	.8	5.5	.2	.0	.1	21	36	9	4	35	5.7	130	77

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(5) BULL CREEK NEAR MIDDLEBURG, FLA.																					
Nov. 21, 1957.....	I 14.8	7.6	0.23	3.4	2.1	4.6	0.1	12	3.5	9.0	0.2	0.0	0.5	37	64	17	7	84	6.4	200	51
Sept. 30, 1958.....	--	7.2	.00	7.6	2.2	5.5	--	31	5.0	6.5	.2	.0	.2	49	--	28	2	70	7.0	70	70
Mar. 18, 1959.....	I 216	3.1	.24	1.6	.6	2.9	.0	2	4.0	4.0	.2	.1	--	18	53	6	5	30	5.1	160	56
Dec. 31.....	--	7.8	.25	4.4	1.1	3.6	.3	16	1.6	7.5	.2	.0	--	35	57	16	2	82	6.6	110	53
June 22, 1960.....	--	6.5	.21	4.4	1.6	3.9	1.0	14	2.4	7.0	.2	.0	.3	34	55	18	6	82	6.6	90	74
(21) KINGSLEY LAKE AT CAMP BLANDING, FLA.																					
Aug. 12, 1924.....	--	1.0	--	2.2	1.0	3.5	--	4	2.9	8.0	--	--	--	20	22	--	--	36	--	8	--
Nov. 27, 1957.....	S 3.1	1.1	0.01	2.2	1.0	6.2	0.5	8	5.5	9.0	0.1	0.0	0.0	30	37	10	3	54	6.4	5	--
Oct. 1, 1958.....	S 2.8	1.2	.00	2.8	.9	7.4	--	8	5.2	10	.1	.0	.0	32	--	10	4	57	6.2	5	81
Dec. 31, 1959.....	S 3.0	1.9	.03	3.0	.9	4.7	.6	8	5.2	8.2	.1	.1	.0	29	31	11	4	53	6.6	7	56
June 22, 1960.....	S 2.8	.3	.01	3.4	.7	5.1	.2	8	5.6	8.5	.0	.0	.0	28	--	12	5	53	5.9	5	82
(38) NORTH FORK BLACK CREEK NEAR HIGHLAND, FLA.																					
Dec. 17, 1957.....	25	10	0.10	13	4.7	20	0.4	0	113	8.5	0.2	0.7	--	172	190	52	52	288	4.4	30	--
Oct. 1-3, 1958.....	10	10	.07	19	3.3	67	1.8	2	185	10	.1	.4	0.1	298	324	61	60	483	5.0	10	--
Oct. 4.....	22	--	--	--	--	--	--	4	92	--	--	--	--	--	--	41	38	291	5.1	55	76
Oct. 5-8.....	23	9.0	.18	7.6	2.4	14	.9	7	32	10	.4	.1	--	80	138	29	24	130	5.8	180	--
Oct. 9-15, 19-20..	14	9.4	.08	13	2.8	41	1.4	4	100	10	.3	.3	.1	180	211	44	40	286	5.4	90	--
Oct. 16-18.....	8.4	10	.03	17	3.3	72	1.8	4	199	10	.2	.6	.0	316	336	56	52	492	5.0	20	--
Oct. 21-23.....	44	10	.14	8.4	5.8	13	.9	6	30	12	.4	.7	.1	84	143	45	40	131	6.1	150	--
Oct. 24-28, 31, Nov. 1-7.....	37	11	.09	14	2.2	36	1.0	4	90	9.2	.3	.1	.1	166	200	44	40	271	5.3	90	--
Oct. 29-30.....	14	11	.04	24	4.9	50	1.4	3	169	9.5	.1	.2	.2	272	300	80	78	430	4.9	5	--
Nov. 8-12.....	96	8.8	.17	5.2	1.5	8.9	.5	7	23	10	.4	.1	.5	63	111	19	14	87	5.6	240	--
Nov. 13-20.....	24	9.3	.11	9.2	2.2	28	.7	4	61	8.8	.3	.0	.3	122	155	32	28	199	5.1	140	--
Nov. 21-30.....	24	8.5	.14	7.2	1.5	20	.7	6	35	8.8	.3	.0	.2	85	117	24	19	140	5.5	150	--
Dec. 1-10.....	83	8.4	.17	5.6	1.5	13	.5	4	20	8.8	.4	.0	.1	61	107	20	16	105	5.1	180	--
Dec. 11-20.....	119	6.7	.16	5.2	1.2	8.1	.5	4	23	9.5	.3	.1	.0	57	98	18	14	89	5.1	160	--
Dec. 21.....	43	--	--	--	--	13	.2	4	23	8.0	.1	--	--	--	--	20	17	119	5.1	120	47
Dec. 22.....	34	--	--	--	--	9.5	.1	6	15	--	.2	--	--	--	--	17	12	85	5.5	130	43
Dec. 23-26.....	30	12	.13	7.6	1.7	19	.3	3	46	8.0	.2	.2	--	97	125	26	24	165	5.0	120	--
Dec. 27-31, Jan. 1-13, 16-20, 1959	170	8.4	.07	4.4	.7	9.2	.2	4	15	8.0	.2	.1	--	48	82	14	10	84	5.2	150	--

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(38) NORTH FORK BLACK CREEK NEAR HIGHLAND, FLA.--Continued																					
Jan. 14-15, 1959..	48	7.4	--	6.4	1.2	17	0.3	5	34	8.0	0.1	0.4	--	77	--	21	17	134	5.8	120	--
Jan. 21-31.....	51	7.4	0.13	3.6	1.0	11	.2	4	16	8.0	.2	.2	--	50	81	13	10	88	5.4	170	--
Feb. 1-8.....	59	7.1	.10	4.8	1.0	13	.2	4	24	8.5	.1	.2	--	61	92	16	12	105	5.5	170	--
Feb. 9-10.....	192	6.5	--	3.2	1.0	7.1	.1	4	10	9.0	.2	3.6	--	43	--	12	8	65	5.3	200	--
Feb. 11-20.....	62	7.0	.14	4.8	1.7	14	.3	4	28	8.0	.1	.1	--	66	100	19	16	119	5.2	220	--
Feb. 21-24.....	32	7.1	.09	8.4	2.4	19	.4	2	54	8.5	.1	.1	--	101	122	31	30	184	4.8	80	--
Feb. 25-28, Mar. 1-4.....	270	6.6	.16	4.0	.7	6.8	.3	6	11	6.5	.2	.1	--	40	72	13	8	72	5.5	200	--
Mar. 5-7.....	293	5.5	.13	2.4	.5	4.7	.1	4	6.8	8.0	.1	.3	--	29	54	8	4	50	5.2	180	--
Mar. 8-14.....	123	5.7	.13	4.0	1.2	7.5	.1	4	15	7.0	.1	.2	--	43	76	15	12	77	5.2	180	--
Mar. 15-20.....	706	5.1	.03	2.4	.7	4.2	.2	3	7.2	3.8	.2	.2	--	26	56	9	6	42	5.4	120	--
Mar. 21-31.....	199	3.9	.11	3.8	1.0	6.9	.2	3	14	6.0	.2	.3	--	38	65	14	11	70	5.6	140	--
Apr. 1-16.....	118	4.2	.11	3.8	1.0	7.6	.2	4	14	6.8	.2	.4	--	40	72	14	10	74	5.5	150	--
Apr. 17-19.....	42	5.1	.06	5.6	1.2	16	.3	5	26	7.5	.2	.2	--	65	94	19	15	116	6.1	90	--
Apr. 20-25.....	206	4.8	.14	3.0	1.1	6.9	.2	4	10	6.0	.3	.4	--	35	77	12	8	61	5.7	240	--
Apr. 26-28.....	54	5.6	.06	4.0	1.5	15	.2	3	25	6.5	.2	.5	--	60	102	16	14	109	5.5	160	--
Apr. 29-30,May 1-9	25	6.4	.09	7.6	1.9	24	.4	4	54	8.0	.2	.7	--	105	130	27	24	188	5.7	90	--
May 10-13.....	20	6.8	.07	10	1.9	33	.5	6	78	8.5	.1	.3	--	142	166	33	28	246	6.6	65	--
May 14-16.....	99	9.3	.12	3.8	1.2	11	.2	4	15	6.0	.3	.2	--	48	95	14	11	83	5.6	240	--
May 17-20.....	58	9.6	.17	5.6	1.5	17	.2	6	32	7.0	.3	.3	--	77	118	20	15	125	6.2	210	--
May 21-31.....	415	5.0	.11	4.0	.4	6.0	.0	6	9.6	5.2	.2	.5	--	34	73	12	6	58	5.8	210	--
June 1-10.....	181	5.9	.25	3.0	1.3	5.2	.0	6	4.0	9.0	.2	.5	--	32	68	13	8	51	5.8	280	--
June 11-20.....	40	6.7	.11	3.6	1.1	6.9	.0	9	6.4	8.2	.2	.4	--	38	74	14	6	65	6.3	200	--
June 21, 23-25....	23	5.6	.02	4.4	.7	6.6	.4	9	8.0	10	.0	.3	--	40	54	14	6	63	6.2	160	--
June 22.....	29	33	--	7.2	1.5	12	.5	36	9.2	--	--	.9	--	--	100	24	0	84	6.8	240	69
June 26-27.....	14	6.4	--	6.8	.7	11	.5	13	19	11	.0	.2	--	62	62	20	10	94	6.9	140	--
June 28.....	15	6.9	--	8.8	.5	12	.6	12	21	--	--	1.1	--	--	76	24	14	104	6.3	220	71
June 29-30, July 1-2.....	13	5.0	.02	4.4	1.5	9.9	.6	11	15	9.5	.0	.2	--	52	60	17	8	80	6.5	150	--
July 3-6, 1959....	12	6.6	.04	7.2	1.0	14	.7	26	28	9.5	.0	.4	--	80	80	22	0	114	6.8	120	--

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(38) NORTH FORK BLACK CREEK NEAR HIGHLAND, FLA.--Continued																					
July 7-14, 1959...	14	6.6	0.03	6.0	1.2	8.8	0.6	13	15	11	0.0	0.2	--	56	55	20	10	82	6.9	120	--
July 15,.....	190	12	--	8.8	.8	11	.4	10	27	--	--	.6	--	--	99	24	16	108	5.8	150	68
July 16-21,.....	167	5.5	.04	3.2	1.0	8.1	.1	8	8.4	7.0	.2	.3	--	36	90	12	6	54	5.8	180	--
July 22-31, Aug. 1-8,.....	65	7.2	.13	6.4	.0	6.5	.2	11	8.4	9.0	.4	.7	--	44	84	16	7	59	6.5	220	--
Aug. 7-8,.....	38	8.4	--	13	.0	22	.5	9	55	8.0	.3	1.2	--	113	148	32	24	173	6.3	180	--
Aug. 9-10,.....	30	8.2	--	13	.0	28	.6	9	78	8.0	.2	.8	--	141	180	32	24	232	6.3	100	--
Aug. 11,.....	31	--	--	13	1.8	26	.9	7	--	--	--	--	--	--	168	40	34	233	5.7	110	70
Aug. 12,.....	34	--	--	8.0	2.4	18	.9	7	--	--	--	--	--	--	124	30	24	156	5.8	110	72
Aug. 13-17,.....	39	7.8	--	8.0	1.9	16	.5	8	41	9.0	.2	.9	--	89	126	28	22	141	6.2	150	--
Aug. 18-21,.....	29	10	--	14	1.2	20	.6	11	66	8.0	.2	.7	--	126	154	40	31	196	6.0	100	--
Aug. 22,.....	17	--	--	17	2.3	22	.6	9	74	--	--	--	--	--	168	52	44	227	6.0	80	67
Aug. 23,.....	16	--	--	28	1.9	33	--	4	--	--	--	--	--	--	234	78	74	344	5.3	20	70
Aug. 24,.....	14	--	--	22	6.1	33	1.0	5	--	--	--	--	--	--	234	80	76	346	5.4	25	69
Aug. 25,.....	11	--	--	17	3.3	--	--	7	--	--	--	--	--	--	172	56	50	256	5.8	35	69
Aug. 26,.....	9.9	--	--	14	2.2	20	.8	5	--	--	--	--	--	--	136	44	40	199	5.5	80	68
Aug. 27,.....	11	--	--	30	4.6	38	1.0	6	--	--	--	--	--	--	278	94	89	394	5.6	20	69
Aug. 28,.....	11	--	--	30	3.6	36	1.0	4	152	--	--	--	--	--	272	90	86	386	5.5	10	69
Aug. 29,.....	15	--	--	32	5.4	36	1.0	4	158	--	--	--	--	--	282	102	98	402	5.2	15	68
Aug. 30-31,.....	102	7.2	--	6.4	1.5	4.4	.4	5	14	8.0	.4	.2	--	43	96	22	18	80	5.3	220	--
Sept. 1,.....	186	6.2	--	7.2	1.5	7.3	.2	6	20	7.0	--	--	--	52	108	24	19	83	5.2	40	69
Sept. 2,.....	146	--	--	4.0	2.9	7.3	.3	7	20	--	--	--	--	--	118	22	16	82	5.4	220	68
Sept. 3,.....	110	6.8	--	7.2	1.5	9.2	.3	5	24	8.0	--	--	--	58	120	24	20	99	5.2	180	67
Sept. 4,.....	99	--	--	7.2	2.9	9.3	.3	6	--	--	--	--	--	--	118	30	25	101	5.4	200	68
Sept. 5,.....	74	8.0	--	7.2	1.9	9.8	.1	10	18	7.0	--	.3	--	57	124	26	18	102	5.8	150	68
Sept. 6,.....	69	7.4	--	8.8	1.5	12	.1	6	31	8.0	--	.2	--	71	126	28	23	136	5.6	120	70
Sept. 7,.....	84	--	--	11	3.0	14	.1	8	40	--	--	--	--	--	158	40	34	158	5.6	200	--
Sept. 8,.....	79	7.5	--	11	2.6	14	.1	2	40	--	--	.4	--	--	152	38	36	171	4.8	260	69
Sept. 9,.....	84	9.2	--	11	3.5	15	.1	9	43	--	--	.4	--	--	146	42	34	161	5.6	280	68
Sept. 10,.....	98	10	--	6.4	1.9	8.1	.1	6	15	8.0	--	--	--	52	120	24	19	93	5.3	280	73

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(38) NORTH FORK BLACK CREEK NEAR HIGHLAND, FLA.--Continued																					
Sept. 11, 1959....	121	7.6	--	6.4	1.5	7.7	0.1	6	17	7.0	--	--	--	50	114	22	17	92	5.3	250	70
Sept. 12.....	219	--	--	6.4	1.9	8.0	.1	4	18	--	--	--	--	--	110	24	20	92	6.0	220	70
Sept. 13.....	1430	--	--	4.8	1.0	--	--	9	--	--	--	--	--	--	70	16	8	40	5.7	180	70
Sept. 14.....	443	--	--	4.8	1.0	--	--	7	--	--	--	--	--	--	94	16	10	66	5.5	100	70
Sept. 15.....	279	5.3	--	4.8	1.0	5.1	.5	7	9.2	5.0	--	0.5	--	35	104	16	10	66	5.4	200	66
Sept. 16.....	602	5.8	--	4.8	1.0	5.0	.1	6	11	6.0	--	.3	--	37	98	16	11	64	5.5	200	63
Sept. 17.....	720	5.2	--	4.0	.5	4.4	.1	4	7.2	5.0	--	.5	--	29	70	12	8	57	5.0	210	68
Sept. 18.....	370	5.0	--	4.0	.5	4.4	.1	5	8.0	6.0	--	.6	--	31	66	12	8	58	5.1	200	72
Sept. 19.....	256	5.8	--	4.0	.5	4.4	.4	4	8.0	4.0	--	.6	--	30	74	12	8	56	5.2	210	69
Sept. 20.....	630	4.2	--	3.2	1.0	4.4	.4	3	7.2	6.0	--	.4	--	28	62	12	10	57	5.0	280	63
Sept. 21.....	323	5.0	--	3.2	1.0	4.8	.4	6	7.6	5.0	--	.5	--	31	62	12	7	56	5.2	220	64
Sept. 22.....	169	4.4	--	4.0	1.5	6.2	.4	5	10	--	--	--	--	--	68	16	12	71	5.2	200	64
Sept. 23.....	115	6.0	--	5.6	1.5	9.5	.5	4	22	8.0	--	.3	--	55	80	20	16	98	5.3	160	61
Sept. 24.....	88	5.0	--	6.4	2.4	12	.5	5	25	7.0	--	--	--	61	90	26	22	110	5.2	200	66
Sept. 25.....	75	4.6	--	8.0	1.5	13	.5	3	31	--	--	.2	--	60	100	26	24	130	5.1	210	67
Sept. 26.....	65	6.2	--	7.2	1.9	13	.5	5	34	7.0	--	.0	--	72	100	26	22	134	5.3	160	67
Sept. 27-30.....	54	5.5	--	12	1.0	16	.8	2	47	9.0	0.3	.0	--	93	114	34	32	167	4.7	95	--
Time-weighted average.....	116	7.2	0.11	6.8	1.4	15	0.4	6	32	8.1	0.2	0.3	--	75	110	23	18	124	--	160	--
Nov. 11, 1959.....	37	7.6	0.04	16	2.7	17	0.5	0	91	7.0	0.1	0.6	--	143	170	51	51	255	4.1	15	--
Dec. 31.....	16	7.1	.04	18	1.5	12	.6	3	67	7.0	.2	.0	--	115	138	51	48	194	5.1	25	54
Jan. 6, 1960.....	42	8.3	.01	24	2.4	17	.2	2	93	9.0	.1	.8	0.0	156	170	70	68	263	4.7	7	--
Mar. 2.....	58	6.0	.04	17	2.1	18	.2	5	74	7.5	.3	1.0	.0	129	153	51	47	225	5.0	20	--
Apr. 26.....	66	5.3	.20	12	1.5	16	.2	7	47	6.5	.2	.2	.1	92	119	36	30	169	5.1	28	--
June 22.....	30	.8	.05	28	2.4	22	1.9	6	106	6.0	.2	.2	.0	171	192	80	75	280	5.8	20	--
Aug. 17.....	22	6.4	.00	6.4	1.5	12	.5	8	20	6.0	.2	.3	.1	56	81	22	17	103	5.6	100	78

Table 8.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(63) YELLOW WATER CREEK NEAR MAXVILLE, FLA.																					
Dec. 17, 1957.....	--	13	0.19	12	3.5	12	0.8	48	2.5	18	0.1	0.1	0.1	86	114	44	5	140	7.1	50	--
Sept. 30, 1958.....	--	11	.00	8.6	1.8	10	--	32	4.5	14	.1	.2	.0	66	--	28	2	97	6.6	10	74
Mar. 18, 1959.....	I 230	2.3	.22	1.6	.2	2.6	.0	3	1.2	4.5	.2	.1	--	14	35	5	2	26	5.5	110	--
Dec. 31.....	--	15	.53	15	3.0	12	1.8	56	3.2	18	.1	.0	.0	96	104	50	4	154	7.0	30	56
June 22, 1960.....	I 1.4	7.0	.21	9.6	2.2	8.0	4.9	33	8.0	14	.2	1.7	1.1	74	103	33	6	124	6.4	65	76
(39) NORTH FORK BLACK CREEK NEAR MIDDLEBURG, FLA.																					
Aug. 23, 1957.....	324	7.8	0.36	4.4	1.2	6.0	0.0	10	6.8	8.2	0.3	0.5	--	40	95	16	8	63	6.8	200	75
Dec. 5.....	68	8.2	.07	10	.0	10	.6	11	28	12	.2	.2	--	75	97	25	16	130	6.3	70	--
Dec. 17.....	56	8.9	.10	9.4	3.3	11	.4	12	31	9.5	.1	.1	0.1	80	122	37	27	130	6.5	50	--
Jan. 22, 1958.....	149	9.3	.08	5.2	1.9	7.0	.6	15	5.2	11	.2	.4	--	48	75	21	8	80	6.0	80	51
Mar. 20.....	344	6.0	.17	4.0	1.5	7.2	.6	10	7.0	9.5	.2	.2	--	41	71	16	8	70	5.9	160	57
May 12.....	51	8.0	.12	10	2.4	12	.6	25	26	8.0	.1	.4	--	80	89	35	14	133	6.4	60	69
July 2.....	61	6.9	.28	6.6	1.8	6.3	.7	18	7.5	8.5	.2	.5	--	48	87	24	9	76	6.3	180	75
Sept. 3.....	42	8.3	.21	7.2	1.7	14	1.1	20	15	9.0	.4	1.1	--	68	124	25	8	107	6.4	1000	--
Oct. 22.....	101	11	.18	6.8	2.2	11	.8	13	17	10	.3	.1	--	66	115	26	16	105	6.3	200	--
May 26, 1959.....	1410	3.6	.05	2.0	1.0	3.2	.0	3	4.8	3.5	.2	.5	--	20	71	9	6	38	5.2	220	74
Nov. 18.....	61	8.6	.27	.8	1.5	3.2	.0	1	.8	9.0	.2	.2	--	25	91	8	7	41	4.7	340	60
Jan. 22, 1960.....	46	7.9	.00	16	3.2	13	.0	19	48	8.5	.1	.3	.5	106	119	53	38	174	6.8	7	48
Apr. 10.....	152	5.3	.07	16	1.7	16	.2	14	54	7.5	.1	.5	.1	108	117	47	36	178	6.6	23	--
May 31.....	35	1.1	.01	28	3.9	20	1.9	22	96	7.5	.2	.5	.0	170	184	86	68	278	6.5	5	--
July 26.....	207	5.1	.08	5.8	1.0	4.4	.7	10	7.6	6.0	.3	1.7	.0	38	79	18	10	80	5.8	90	--
Sept. 23.....	133	7.0	.13	5.8	.7	5.2	.4	10	5.6	7.5	.2	.1	.0	38	59	18	10	81	6.5	125	--
(54) SANTA FE LAKE NEAR MELROSE, FLA.																					
July 11, 1957.....	--	0.6	0.15	2.0	1.7	7.1	0.5	6	2.5	12	0.0	0.2	--	30	47	12	7	60	6.0	10	88
Nov. 26.....	S 6.8	.8	.02	1.4	1.3	7.8	.4	4	7.5	12	.0	.2	0.0	33	40	9	6	61	5.8	15	--
Oct. 1, 1958.....	S 8.0	1.6	.03	2.4	1.2	7.0	.6	4	3.5	12	.1	.0	.0	30	48	11	8	63	5.8	25	84
Mar. 19, 1959.....	S 10.1	.5	.09	2.6	1.2	6.8	.1	2	5.2	13	.1	1.0	--	32	45	12	10	64	5.3	20	60
Dec. 30.....	S 8.4	6.0	.08	2.2	1.5	7.6	.6	4	5.2	12	.1	.2	.5	38	54	12	8	62	5.7	45	63
June 23, 1960.....	S 8.3	.0	.06	3.0	.6	7.5	.4	5	1.6	12	.1	.0	.1	28	33	10	6	59	5.7	40	84

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(28) LITTLE SANTA FE LAKE NEAR MELROSE, FLA.																					
Nov. 26, 1957.....		1.0	0.03	8.4	1.7	7.8	0.2	25	5.0	12	0.1	0.1	0.2	49	72	28	8	92	7.1	65	--
Oct. 1, 1958.....		2.1	.01	2.4	1.1	4.8	--	4	.0	12	.2	.0	.0	25	--	10	7	66	5.5	60	85
Jan. 20, 1960.....		7.5	.03	2.0	1.0	6.0	.4	5	4.4	11	.1	.2	.1	35	50	9	5	56	5.8	50	54
June 23.....		.4	.06	2.4	1.0	6.2	.1	4	2.0	11	.0	.0	.1	25	42	10	6	56	5.4	55	85
(16) HAMPTON LAKE AT HAMPTON BEACH, FLA.																					
Feb. 3, 1958.....		1.5	0.02	3.6	1.0	6.4	0.6	1	12	11	0.1	0.2	0.0	37	58	13	12	72	4.9	10	52
Oct. 2.....		2.7	.01	2.2	1.5	7.6	--	2	10	11	.2	.2	.0	36	--	12	10	67	5.1	10	83
Mar. 20, 1959.....		1.0	.02	2.4	1.2	6.0	.0	2	7.2	9.8	.1	.4	--	29	52	11	10	63	5.0	45	62
Dec. 31.....		2.7	.14	1.4	1.6	5.9	.5	4	6.0	8.2	.1	.1	.4	29	45	10	6	53	5.5	40	57
June 23, 1960.....		1.1	.05	2.0	1.0	4.3	.0	2	1.6	8.0	.0	.0	.1	19	37	9	8	46	5.2	30	82
(53) SANTA FE RIVER AT GRAHAM, FLA.																					
Oct. 3, 1957.....	133	4.1	0.54	3.2	1.7	5.3	0.6	6	1.0	16	0.3	0.3	--	36	112	15	10	59	5.4	340	--
Nov. 19.....	43	8.6	.29	12	4.6	6.8	.6	44	3.5	12	.4	.1	--	73	138	49	13	120	6.3	360	69
Jan. 20, 1958.....	11	5.2	.14	6.0	3.4	7.5	.0	19	3.2	16	.2	.1	--	51	118	29	14	94	6.1	200	48
Feb. 3.....	14	4.6	.05	5.6	3.4	7.9	.4	9	7.5	15	.3	.0	0.05	49	108	28	20	91	6.0	180	47
Mar. 17.....	124	3.6	.33	2.0	1.8	6.8	.6	2	6.0	13	.2	.3	--	36	107	12	11	68	5.6	240	60
May 12.....	18	4.0	.37	4.4	3.6	6.8	.5	18	5.8	12	.3	.3	--	47	113	26	11	78	5.9	320	68
July 3.....	46	3.7	.25	3.0	1.9	3.6	.5	10	2.2	6.0	.2	.3	--	27	76	16	8	48	5.8	200	77
Sept. 2.....	15	6.6	.39	3.2	1.9	5.2	.4	5	2.2	10	.1	.6	.22	33	132	16	12	64	5.0	500	--
Oct. 20.....	30	6.3	.24	3.6	3.4	5.1	.8	15	8.8	9.0	.2	.2	.13	45	105	23	10	53	6.2	250	--
Dec. 15.....	97	4.0	.21	2.8	1.9	4.3	.5	4	3.2	9.2	.2	.7	--	29	80	15	12	55	5.2	220	--
Feb. 6, 1959.....	29	4.4	.13	3.2	2.2	6.4	.0	5	6.4	12	.5	.6	--	38	98	17	13	67	5.2	280	--
May 28.....	338	2.2	.40	1.2	1.1	3.6	.1	2	.4	3.5	.2	.5	--	14	82	8	6	41	4.8	300	--
July 21.....	136	2.3	.52	1.8	1.1	5.6	.1	0	1.2	3.5	.2	.7	--	17	97	9	9	57	4.4	340	--
Sept. 15.....	276	3.5	.35	2.4	.6	4.3	.7	4	.8	8.0	.2	.6	--	23	76	8	5	49	5.0	200	--
Nov. 16.....	55	1.2	.28	1.2	1.9	5.7	.3	2	.4	8.0	.2	.2	--	20	87	11	10	59	4.8	340	58
Jan. 19, 1960.....	18	1.9	.16	3.6	1.7	6.6	.0	16	.4	12	.2	.6	--	35	97	16	3	63	6.4	180	56
Mar. 29.....	124	.3	.21	2.4	.5	5.5	.0	10	.4	8.0	.2	.4	--	23	69	8	0	46	5.5	190	68
May 25.....	13	1.1	.15	2.6	1.3	5.3	.7	3	.8	12	.2	.3	--	26	84	12	10	56	5.2	300	--
July 18.....	798	1.8	.18	1.8	.6	2.0	.5	0	1.2	4.5	.2	.2	.0	13	60	7	7	30	4.8	180	--
Sept. 14.....	--	--	.24	--	--	--	--	--	--	--	--	--	.0	--	--	--	--	--	--	--	--

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection		Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(26) LAKE SAMPSON AT SAMPSON CITY, NEAR STARKE, FLA.																						
July 9, 1957	S	6.2	1.7	0.02	9.6	3.6	15	1.6	12	4.8	11	0.1	0.1	--	97	122	39	29	174	6.5	15	90
Sept. 29, 1958		--	4.0	.00	8.8	.5	12	--	12	24	10	.2	.0	0.0	65	--	24	14	118	6.2	80	83
Mar. 20, 1959	S	9.6	6.2	.16	6.6	2.1	2.2	.7	20	2.0	6.0	.3	.5	--	37	97	25	6	74	6.3	260	66
Dec. 31	S	5.0	1.2	.20	5.0	1.6	11	.9	6	22	7.5	.2	.3	.0	53	75	19	14	97	6.2	65	58
June 22, 1960		--	.7	.21	6.4	1.2	11	.7	5	21	8.0	.2	.0	.0	52	68	21	17	99	5.9	45	84
(18) HATCHET CREEK NEAR CONFLUENCE OF SANTA FE RIVER NEAR GRAHAM, FLA.																						
Nov. 18, 1957	I	1.0	3.2	0.50	1.2	0.5	4.7	0.2	1	3.5	9.5	0.1	0.0	0.1	25	68	5	4	53	4.7	220	72
Oct. 2, 1958	I	.0	9.2	.00	13	4.5	4.4	--	55	2.5	8.5	.3	.1	.5	70	--	51	6	115	6.5	90	78
Mar. 18, 1959		--	1.8	.20	.4	.4	2.0	.0	0	.4	2.5	.1	.5	--	8	42	2	2	29	4.3	100	54
Jan. 1, 1960	I	9.2	5.1	.12	3.6	1.1	3.6	.0	10	1.6	7.2	.3	.1	1.1	29	50	14	6	42	6.9	80	54
June 22		--	2.9	.42	1.4	1.0	3.9	.9	0	.8	8.0	.3	.1	.4	20	76	8	8	45	4.4	280	73
(49) SAMPSON RIVER AT GRAHAM, FLA.																						
Nov. 19, 1957			2.5	0.02	8.8	3.4	15	0.6	22	36	9.5	0.1	0.0	0.3	87	96	36	18	150	6.7	80	--
Feb. 3, 1958			2.8	.04	12	4.4	16	.8	31	38	12	.2	.0	.0	101	124	48	22	176	7.3	35	49
Oct. 2			3.2	.01	8.4	2.4	11	--	18	23	10	.3	.3	.1	68	--	31	16	126	6.5	40	80
Mar. 18, 1959			3.8	.07	4.2	.9	5.4	.1	2	4.8	6.8	.2	.2	--	28	67	14	12	63	5.0	150	57
Dec. 31			3.6	.03	6.8	2.6	9.6	.9	18	20	7.2	.2	.2	.1	60	81	28	12	106	6.6	70	54
June 22, 1960			2.9	.04	5.2	1.8	6.5	1.2	16	11	6.0	.3	.0	.0	43	70	20	8	70	6.3	90	78
(48) ROCKY CREEK NEAR LACROSS, FLA.																						
Nov. 19, 1957		3.8	9.0	0.25	9.6	5.0	8.7	2.1	35	9.0	18	0.4	0.0	1.4	80	106	44	16	126	6.6	120	69
Oct. 3, 1958			9.6	.12	10	3.6	3.5	.8	43	2.8	6.5	.4	.0	1.1	59	70	40	5	90	7.3	45	71
Mar. 19, 1959			3.4	.11	2.8	.9	2.9	.1	4	4.0	5.5	.2	.1	--	22	49	10	7	41	5.5	120	55
Jan. 4, 1960			7.0	.07	8.0	1.9	6.9	2.4	16	6.4	18	.4	.0	--	59	111	28	15	102	6.3	130	57
June 22			6.7	.08	6.6	2.7	6.2	2.2	11	7.6	12	.4	.0	.7	51	93	28	18	91	6.0	90	74
(1) ALLIGATOR CREEK NEAR LAWTEY OFF STATE ROADS 16 and 225, FLA.																						
Mar. 18, 1959			2.9	0.28	1.2	0.4	3.1	0.0	2	2.0	4.5	0.2	0.2		16	36	4	3	30	5.3	90	55

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(62) WATER OAK CREEK AT STATE ROAD 25 NEAR STARKE, FLA.																					
Nov. 20, 1957.....	I 0	18	0.20	10	7.2	9.2	1.2	62	2.8	14	0.2	0.0		94	110	54	4	143	7.0	110	65
Mar. 18, 1959.....		2.3	.22	2.0	.2	2.8	.1	4	.8	3.8	.1	.2		15	36	6	2	31	5.6	90	56
June 22, 1960.....		8.0	.23	3.8	1.1	3.8	.9	9	2.4	8.0	.1	.0	0.1	33	58	14	6	52	6.1	90	82
(36) NEW RIVER NEAR LAKE BUTLER, FLA.																					
July 18-20, 1957..	22	8.2	0.60	7.6	4.5	6.5	0.6	30	7.8	10	0.4	0.5		62	127	38	13	97	6.2	460	
July 21-31.....	15	14	.58	11	5.6	8.5	.8	48	8.0	11	.4	.6		84	145	50	10	125	6.6	260	
Aug. 1-10.....	136	7.5	.46	5.2	2.9	5.2	.7	22	5.0	7.8	.3	.3		46	102	25	7	72	6.2	220	
Aug. 11-20.....	207	11	.71	4.4	2.9	5.8	.6	20	4.5	8.2	.4	.4		49	127	23	6	69	6.1	360	
Aug. 21-31.....	142	7.6	.56	4.6	2.8	6.3	.5	18	4.2	9.8	.3	.3		46	114	23	8	74	6.1	230	
Sept. 1-10.....	43	14	.49	6.4	4.7	8.5	.7	32	5.8	11	.4	1.0		69	133	36	10	100	6.4	230	
Sept. 11-20.....	43	14	.50	8.8	4.1	8.3	.8	40	5.0	11	.4	.2		73	125	39	6	107	6.7	280	
Sept. 21-30.....	107	10	.51	7.8	1.1	7.2	.8	22	4.0	10	.4	.2		53	112	24	6	79	6.5	250	
Oct. 1-10.....	290	11	.44	4.8	2.3	7.6	.8	21	3.2	10	.4	.2		51	112	22	4	76	6.4	280	
Oct. 11-20.....	63.3	11	.49	7.0	2.8	8.7	.5	26	3.5	11	.3	.9		59	130	29	8	90	6.4	360	
Oct. 21-31.....	15.8	13	.47	10	7.1	10	1.0	53	5.0	14	.4	1.6		89	145	54	10	131	6.8	250	
Nov. 1-10.....	8.1	10	.29	18	6.8	10	1.2	69	8.5	14	.3	2.9		107	146	73	16	180	6.9	200	
Nov. 11-20.....	6.4	13	.20	20	8.6	10	1.6	94	6.8	14	.4	3.9		124	149	86	8	203	7.1	130	
Nov. 21-30.....	7.2	14	.09	22	10	12	1.7	109	8.5	15	.4	3.9		143	160	96	6	239	7.1	90	
Dec. 1-14.....	17.5	12	.17	16	7.8	10	1.3	73	8.5	15	.3	1.7		109	151	72	12	182	6.8	130	
Dec. 15-21.....	14.9	13	.17	14	7.1	9.0	.6	66	5.8	15	.2	2.1		100	125	64	10	170	6.7	120	
Dec. 22-31.....	13.2	13	.23	16	8.3	10	.7	80	6.8	15	.2	1.2		112	135	74	8	187	7.0	120	
Jan. 1-10, 1958...	18.5	18	.19	16	8.3	11	.9	82	7.0	16	.2	1.2		119	150	74	7	192	7.0	110	
Jan. 11-20.....	45.8	16	.24	11	6.3	11	1.1	51	9.0	19	.2	.5		99	130	54	12	159	6.7	120	
Jan. 21-31.....	68.0	12	.25	9.6	4.0	9.0	.3	33	7.2	18	.2	.3		77	116	40	14	128	6.5	140	
Feb. 1-10.....	57.4	11	.25	8.6	4.9	12	.3	33	7.2	20	.2	.2		81	119	42	14	131	6.5	130	
Feb. 11-19.....	69.4	11	.16	8.2	4.5	9.5	.2	31	6.0	20	.2	.4		75	116	39	14	127	6.5	110	
Feb. 20-28.....	237	7.7	.27	7.6	3.6	8.5	.6	29	5.0	16	.2	.8		64	100	34	10	114	6.4	110	
Mar. 1-10.....	998	5.9	.29	3.8	2.3	6.0	.6	15	4.0	12	.2	.2		43	92	19	6	74	6.0	160	
Mar. 11-20.....	427	6.3	.38	4.6	2.1	6.5	.5	14	4.2	12	.2	.3		43	105	20	8	75	5.9	220	

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(36) NEW RIVER NEAR LAKE BUTLER, FLA.--Continued																					
Mar. 21-31, 1958..	301	6.3	0.40	6.0	2.4	7.5	0.6	20	4.5	14	0.2	0.8		53	105	25	8	91	5.2	190	
Apr. 1-10.....	118	6.8	.46	5.8	2.8	8.0	.7	22	3.0	14	.2	.5		53	109	26	8	92	5.2	210	
Apr. 11-20.....	482	5.7	.33	6.8	1.8	6.5	.7	23	3.5	10	.2	.1		47	95	24	6	83	5.3	170	
Apr. 21-30.....	240	11	.41	7.2	2.9	8.0	.3	31	3.8	11	.2	.8		61	113	30	4	98	5.4	220	
May 1-10.....	115	12	.54	5.8	3.3	8.5	.4	28	3.8	10	.2	.3		58	121	28	5	89	5.4	280	
May 11-20.....	26.6	10	.43	8.4	4.5	8.5	.3	39	5.0	11	.2	.9		68	117	40	8	112	5.6	280	
May 21-31.....	34.8	9.8	.38	9.6	4.4	8.5	.8	42	6.0	11	.3	.9		72	117	42	8	116	5.6	210	
June 1-10.....	22.6	8.8	.44	8.8	3.9	7.0	.5	36	5.5	10	.2	.4		64	124	38	8	106	5.5	280	
June 11-19.....	4.7	17	.34	14	6.9	11	1.0	70	6.0	12	.3	1.3		104	142	64	6	166	7.0	230	
June 20-24.....	10.7	13	.27	18	9.0	10	1.7	95	6.8	13	.4	4.0		125	146	82	4	201	7.4	120	
June 25-July 10...	266	7.3	.28	5.6	3.2	5.7	.7	18	6.8	9.2	.3	1.2		49	95	27	12	80	6.3	220	
July 11-19.....	152	7.4	.50	4.8	2.4	6.1	.7	16	5.8	9.2	.3	1.3		46	117	22	9	71	6.1	320	
July 20-31.....	121	6.1	.42	4.4	2.7	5.1	.6	18	5.5	9.0	.3	1.0		44	97	22	7	67	6.2	250	
Aug. 1-10.....	69.6	6.9	.39	5.6	3.4	5.7	.6	23	3.8	10	.3	1.2		49	102	28	9	82	6.5	220	
Aug. 11-20.....	301	7.6	.31	5.0	1.8	4.9	.5	16	2.5	7.5	.2	.4		39	90	20	7	61	6.1	240	
Aug. 21-31.....	123	6.5	.62	5.6	1.5	5.3	.5	15	2.5	9.0	.2	.7		40	113	20	8	62	6.1	320	
Sept. 1-10.....	23.2	7.7	.52	8.2	3.3	6.3	.9	30	4.2	10	.3	.9		57	120	34	10	89	6.8	360	
Sept. 11-20.....	10.0	9.9	.45	16	3.2	8.0	1.4	50	5.5	12	.3	2.0		84	132	53	12	131	6.9	280	
Sept. 21-30.....	4.5	12	.30	18	6.7	8.8	1.7	78	7.2	12	.3	2.1		107	138	72	8	177	7.2	180	
Time-weighted average.....	129	10	0.38	9.3	4.4	8.1	0.8	40	5.5	12	0.3	1.0		72	121	41	8	116	---	220	
Oct. 23, 1958.....	6.6	12	0.09	30	7.5	15	2.8	114	11	16	0.5	7.7	2.9	158	189	106	12	273	7.2	100	--
Feb. 5, 1959.....	273	7.3	.23	5.0	2.2	5.6	.0	11	5.6	9.8	.3	.7	--	42	86	22	12	73	5.6	200	--
May 28.....	969	3.6	.32	5.6	1.2	2.6	.1	15	4.4	4.5	.2	1.2	--	31	78	19	6	49	6.2	220	--
July 23.....	245	3.9	.21	4.6	.9	2.0	.1	9	2.8	3.8	.3	1.8	--	28	71	15	8	41	5.9	150	--
Sept. 16.....	1260	4.9	.23	5.0	.5	2.9	.7	11	.8	5.5	.3	.7	--	27	64	14	6	43	5.8	100	--
Nov. 17.....	33	5.8	.28	6.8	2.9	5.2	.5	23	1.2	8.0	.2	1.0	--	43	100	29	10	80	6.0	350	64
Jan. 19, 1960.....	19	7.8	.23	13	4.7	8.7	.6	55	4.0	12	.3	2.8	1.0	81	116	52	7	137	7.6	120	56
Apr. 5.....	1890	2.6	.18	4.8	.2	4.9	.4	12	2.8	5.5	.2	.5	.4	28	73	13	3	45	6.4	120	--
May 25.....	3.6	9.3	.10	14	6.8	8.3	2.4	62	4.8	13	.4	2.6	1.2	94	123	63	12	159	6.9	90	--
July 18.....	818	3.2	.06	4.4	.9	2.0	.7	6	.8	5.0	.3	.3	.1	21	78	14	10	38	5.9	180	--
Sept. 23.....	120	3.4	.18	3.6	1.7	4.0	.6	10	.4	15	.3	.0	.2	34	69	16	8	49	5.8	280	--

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(6) BUTLER CREEK NEAR LAKE BUTLER, FLA.																					
Nov. 26, 1957.....		1.9	1.4	11	4.3	6.1	0.7	40	8.0	10	0.3	1.0	0.2	65	146	45	12	104	6.6	500	58
Mar. 18, 1959.....		2.8	.13	1.6	.7	2.9	.0	0	2.8	4.8	.2	.1	--	16	65	7	7	33	4.7	280	55
Jan. 4, 1960.....		3.8	.13	3.2	.5	3.3	.1	4	.4	7.5	.2	.2	--	21	94	10	6	47	4.8	130	56
June 22.....		3.0	.17	2.6	1.0	3.1	.2	3	.4	10	.1	.1	.0	22	68	10	8	38	4.9	340	76
(22) LAKE BUTLER AT LAKE BUTLER, FLA.																					
July 10, 1957.....	--	0.7	0.02	3.2	1.9	6.9	0.8	6	6.5	12	0.2	0.2	--	35	72	16	11	72	5.6	45	94
Dec. 19.....	--	4.3	.05	2.4	1.8	7.8	.5	6	7.2	12	.1	.0	0.3	39	70	14	8	68	6.1	50	--
Oct. 2, 1958.....	S 6.8	2.5	.00	3.0	1.1	6.7	--	5	5.0	12	.2	.0	.0	33	--	12	8	65	5.7	40	83
Mar. 20, 1959.....	S 8.8	1.4	.02	2.2	1.2	5.0	.1	2	3.2	8.8	.2	.1	--	23	58	10	9	54	5.2	70	60
Jan. 4, 1960.....	S 6.8	1.7	.01	2.4	.5	3.5	.5	7	1.6	6.0	.2	.0	--	20	53	8	2	40	5.8	60	62
June 22.....	S 8.7	1.1	.09	2.4	.6	3.6	.4	6	.8	7.0	.0	.0	.1	19	41	8	4	40	5.6	65	82
(56) SANTA FE RIVER AT WORTHINGTON, FLA.																					
July 15-21, 1957..	239	13	0.57	7.2	4.0	8.7	1.0	26	12	10	0.4	0.2		70	137	34	13	105	6.4	230	--
July 22-Aug. 2....	311	8.6	.43	5.8	3.5	7.2	1.0	22	10	8.8	.4	.3		57	115	29	11	89	6.3	230	--
Aug. 11-20.....	620	8.9	.49	5.2	3.0	6.8	1.1	19	8.0	8.5	.3	.5		52	122	26	10	77	6.1	230	--
Aug. 21-31.....	404	9.2	.41	6.6	3.6	7.6	.8	25	7.5	10	.4	.4		59	121	32	11	95	6.3	230	--
Sept. 1-10.....	155	10	.37	7.6	3.9	8.8	1.0	28	12	12	.5	.3		70	122	35	12	108	6.4	230	--
Sept. 11-20.....	226	14	.40	8.2	3.2	8.9	.5	30	7.8	11	.4	.4		70	120	33	9	97	6.7	260	--
Sept. 21-30.....	336	14	.46	7.2	2.9	10	1.1	30	6.8	11	.4	.2		69	131	30	6	100	6.6	320	--
Oct. 1-10.....	666	8.9	.48	6.0	3.0	7.8	.9	19	6.5	11	.4	.2		55	122	28	12	84	6.4	340	--
Oct. 11-20.....	289	12	.36	8.0	2.9	10	.8	28	12	10	.4	.2		71	124	32	9	104	6.6	120	--
Oct. 21-31.....	99	8.8	.25	11	2.3	12	1.0	32	17	12	.3	.2		81	118	37	11	131	6.7	180	--
Nov. 1-10.....	59	7.9	.17	12	6.6	13	1.2	64	22	11	.3	.4		107	114	57	4	144	6.8	110	--
Nov. 11-20.....	56	7.3	.49	10	4.1	12	1.2	42	21	6.2	.3	.2		84	110	42	8	141	6.8	100	--
Nov. 21-30.....	64	8.8	.12	9.2	5.4	10	1.3	39	16	12	.1	.5		83	110	45	13	137	6.8	100	--
Dec. 1-10.....	89	14	.14	11	5.7	11	1.2	48	14	13	.1	.2		95	121	51	12	146	6.8	110	--
Dec. 11-22.....	75	8.8	.12	10	5.1	9.8	1.0	39	13	14	.1	.4		82	102	46	14	133	7.0	110	--
Dec. 23-29.....	58	8.5	.16	12	4.9	10	1.2	43	14	13	.1	.3		86	107	50	15	142	6.7	110	--
Dec. 30-Jan. 10, 1958.....	84	10	.11	11	5.5	9.0	.8	44	12	14	.2	.3		85	117	50	14	147	7.0	94	--
Jan. 11-20.....	174	11	.11	9.6	5.0	9.0	.6	36	11	16	.2	.1		81	118	44	15	137	6.8	120	--
Jan. 21-31.....	227	8.2	.16	7.6	4.3	9.0	.3	26	8.5	16	.2	.1		67	113	36	15	117	7.1	170	--

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(56) SANTA FE RIVER AT WORTHINGTON, FLA.--Continued																					
Feb. 1-10, 1958...	194	8.0	0.12	7.4	4.4	9.0	0.2	26	9.0	16	0.2	0.0		67	108	36	15	119	6.7	140	
Feb. 11-20.....	217	7.8	.11	8.0	4.4	9.0	.1	28	8.5	17	.2	.0		67	109	38	15	118	6.7	130	
Feb. 21-28.....	405	8.9	.17	7.0	3.9	7.0	.3	25	5.5	15	.3	.0		60	104	34	13	105	6.6	130	
Mar. 1-10.....	1960	5.8	.17	4.2	1.7	5.5	.3	14	2.5	10	.2	.2		37	87	18	6	72	6.2	160	
Mar. 11-20.....	1400	7.9	.20	5.0	2.4	6.5	.2	15	7.5	10	.2	.1		47	100	22	10	79	6.4	260	
Mar. 21-31.....	1060	5.6	.18	4.8	2.7	7.0	.2	14	8.0	11	.3	.1		47	98	23	12	83	6.2	190	
Apr. 1-10.....	489	4.0	.20	5.2	2.8	8.0	.1	14	9.5	11	.2	.2		48	101	24	13	91	6.3	190	
Apr. 11-20.....	1040	4.9	.21	4.4	2.3	6.0	.1	13	5.2	10	.2	.2		40	92	20	10	74	6.2	260	
Apr. 21-30.....	780	4.9	.29	4.6	2.7	8.0	.1	14	5.5	10	.3	.2		42	103	23	12	78	6.3	260	
May 1-10.....	612	5.9	.33	5.2	2.9	6.5	.1	18	5.8	9.0	.0	.4		49	111	25	10	80	6.5	300	
May 11-20.....	207	13	.27	6.8	2.9	8.0	.0	22	9.8	10	.1	.3		62	111	29	11	94	6.8	230	
May 21-31.....	194	11	.27	6.4	3.6	8.0	.1	26	9.0	10	.1	.4		62	112	31	10	97	6.8	220	
June 1-10.....	123	14	.24	6.8	4.0	9.0	.2	31	9.5	10	.3	.2		69	119	34	8	110	6.9	200	
June 11-19.....	40	14	.18	10	4.1	10	.7	36	14	12	.2	.4		84	124	42	12	132	6.9	140	
June 20-30.....	265	8.0	.22	7.3	3.2	8.1	.8	22	13	12	.4	1.0		63	99	31	13	93	6.5	180	
July 1-10.....	963	6.8	.24	4.4	2.4	4.8	.4	13	7.2	8.0	.3	.6		42	96	21	10	82	6.2	260	
July 11-20.....	958	5.9	.32	4.0	2.2	4.8	.4	11	7.5	8.0	.3	.4		39	99	19	10	88	5.9	360	
July 21-31.....	391	8.9	.37	4.4	2.9	6.1	.5	16	9.2	8.5	.3	.6		50	104	23	10	70	6.2	280	
Aug. 1-10.....	225	6.5	.30	5.2	2.9	6.5	.5	16	12	10	.3	.7		53	100	25	12	80	6.4	220	
Aug. 11-20.....	609	6.7	.28	4.4	2.3	5.2	.6	14	4.0	7.0	.3	.2		38	94	20	9	64	6.2	240	
Aug. 21-31.....	472	6.5	.36	5.0	2.3	5.7	.6	14	5.2	7.8	.3	.1		41	103	22	10	69	6.2	260	
Sept. 1-10.....	162	7.0	.28	6.2	2.8	7.1	.7	20	8.8	9.0	.3	.2		52	102	27	10	86	6.5	220	
Sept. 11-20.....	79	8.2	.25	7.2	2.9	7.9	.7	24	9.8	10	.3	.2		59	104	30	10	95	6.8	200	
Sept. 21-30.....	39	8.2	.19	8.2	3.3	9.2	.9	30	14	10	.3	.4		70	102	34	10	111	7.1	160	
Time weighted average.....	406	8.9	0.27	7.1	3.5	8.1	0.6	26	10	11	0.3	0.3		63	110	32	10	101	--	200	

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(56) SANTA FE RIVER AT WORTHINGTON, FLA.--Continued																					
Oct. 1-10, 1958...	28	7.2	0.16	9.8	3.8	8.8	0.9	37	13	10	0.3	0.3	--	72	99	40	10	121	7.2	120	
Oct. 11-20.....	28	8.2	.13	11	4.3	8.8	.9	42	16	10	.3	.1	--	81	99	45	10	134	7.4	90	
Oct. 21-31.....	40	9.3	.14	13	3.3	7.1	1.0	44	13	9.8	.3	.2	0.5	80	104	46	10	127	6.9	140	
Nov. 1-7.....	83	8.5	.12	12	4.1	6.3	1.3	45	12	9.8	.4	.4	.7	75	105	47	10	130	7.0	100	
Nov. 8-19.....	223	8.8	.23	8.0	2.7	6.0	.9	23	8.8	10	.4	.2	.5	58	107	31	12	92	6.4	220	
Nov. 20-30.....	57	7.8	.25	8.4	3.4	6.6	.9	31	9.6	10	.4	.2	.4	63	106	35	10	104	6.7	180	
Dec. 1-10.....	118	9.0	.22	10	3.2	6.4	1.0	34	9.2	11	.4	.2	.5	68	106	38	10	109	6.7	150	
Dec. 11-20.....	410	7.7	.23	6.0	2.4	5.6	.8	16	8.0	10	.4	.1	.3	49	102	25	12	83	6.3	200	
Dec. 21-31.....	275	8.2	.23	6.4	2.4	6.4	.7	16	8.4	11	.4	.0	.1	52	102	26	13	86	6.4	180	
Jan. 1-10, 1959...	1780	6.8	.25	4.8	1.9	4.8	.8	10	7.2	9.5	.4	.1	.3	42	94	20	12	69	5.9	210	
Jan. 11-20.....	887	7.3	.25	4.4	2.2	5.3	.7	9	12	10	.4	.1	.2	47	95	20	12	72	5.9	210	
Jan. 21-31.....	529	5.8	.20	5.8	3.5	6.8	.4	13	8.8	11	.2	.3	--	49	93	29	18	82	6.2	200	
Feb. 1-10.....	654	5.1	.23	7.0	2.3	6.4	.6	14	8.8	10	.2	.3	--	48	92	27	16	83	6.2	260	
Feb. 11-20.....	896	4.8	.23	6.4	1.5	5.9	.5	12	6.4	9.5	.2	.3	--	42	94	22	12	72	6.1	260	
Feb. 21-28.....	328	5.2	.28	6.4	2.9	6.8	.5	16	9.6	10	.2	.4	--	50	98	28	15	88	6.4	260	
Mar. 1-10.....	1990	4.1	.24	5.6	2.9	4.5	.4	8	5.6	8.0	.3	.3	--	36	83	26	20	60	6.0	180	
Mar. 11-20.....	3870	6.0	.14	3.6	1.3	3.9	.2	9	5.6	7.6	.1	.2	--	33	67	14	7	54	5.9	150	
Mar. 21-31.....	3980	3.2	.17	3.6	1.2	3.3	.1	7	5.6	7.5	.0	.2	--	28	61	14	8	49	5.7	200	
Apr. 1-10.....	1390	4.3	.24	3.8	1.6	4.1	.2	10	6.7	7.8	.1	.2	--	34	74	16	8	57	6.0	200	
Apr. 11-20.....	608	3.6	.30	4.2	1.6	4.9	.2	10	7.2	9.2	.1	.3	--	36	76	17	9	63	6.0	260	
Apr. 21-30.....	838	4.9	.28	3.6	2.1	4.0	.2	11	7.2	9.5	.1	.2	--	37	75	18	8	58	6.2	200	
May 1-10.....	293	4.5	.30	4.6	1.9	5.0	.1	11	8.0	9.8	.1	.2	--	40	81	20	10	67	6.2	210	
May 11-20.....	235	5.2	.28	4.8	2.2	5.0	.2	14	7.6	10	.1	.2	--	42	80	21	10	71	6.4	210	
May 21-31.....	4360	4.8	.32	4.0	1.6	3.0	.0	8	3.2	7.0	.2	.7	--	29	59	16	10	44	6.1	220	
June 1.....	2700	--	--	18	7.5	--	--	0	--	62	--	--	--	--	--	76	--	204	3.6	280	
June 2-10.....	2060	3.9	.22	3.2	1.7	3.3	.0	7	2.4	6.0	.2	.6	--	25	67	15	10	44	6.0	280	
June 11-20.....	1090	4.1	.22	3.6	1.2	3.6	.0	8	3.2	6.8	.2	.5	--	27	69	14	8	49	6.0	280	
June 21-25.....	690	4.5	.07	4.0	1.2	4.2	.6	11	4.0	6.5	.4	.3	--	31	68	15	6	50	6.2	60	
June 26-28, 30....	452	4.9	--	3.6	1.6	4.6	.5	11	5.0	6.5	.2	.3	--	33	--	16	6	52	6.3	60	
July 1.....	508	6.1	--	5.6	2.4	2.3	--	18	4.8	6.2	--	.7	--	37	--	24	9	61	6.0	300	

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(56) SANTA FE RIVER AT WORTHINGTON, FLA.--Continued																					
July 2-4, 1959....	705	8.3	0.12	4.8	1.2	4.3	0.6	14	3.2	5.5	0.2	0.3	--	35	68	17	6	62	6.2	180	
July 5-9.....	722	8.4	.11	4.8	1.2	4.2	.6	13	4.0	6.2	.2	.4	--	34	74	17	6	61	6.3	180	
July 10-14.....	539	7.7	.10	5.6	3.2	4.8	.6	20	4.8	7.0	.3	.2	--	44	75	27	10	83	6.8	180	
July 15-20.....	914	5.8	.14	4.0	1.8	4.0	.5	14	2.4	5.5	.2	1.1	--	32	85	18	6	50	6.8	220	
July 21-29.....	694	7.7	.15	4.2	1.5	4.9	.4	14	5.2	7.0	.2	.7	--	39	92	16	5	57	6.7	220	
Aug. 1-10.....	307	7.9	.17	3.4	3.0	5.5	.6	18	5.6	7.5	.3	1.7	--	45	89	21	6	65	6.9	250	
Aug. 11-20.....	413	11	.25	4.6	2.6	5.5	.6	20	4.8	8.0	.3	.5	--	49	99	22	6	69	6.8	250	
Aug. 21.....	388	11	--	6.4	1.0	5.4	.7	20	2.4	8.0	.2	.0	--	46	84	20	4	64	6.3	200	
Aug. 22.....	237	5.9	--	5.6	2.4	5.4	.7	18	3.2	8.0	.2	.8	--	41	88	24	9	64	6.0	200	
Aug. 23.....	202	10	--	7.2	1.9	6.5	.7	24	4.0	8.0	.2	.6	--	51	106	26	6	75	6.1	220	
Aug. 24.....	177	12	--	7.2	1.5	6.8	.7	25	5.2	7.0	.2	.9	--	54	102	24	4	83	6.1	200	
Aug. 25.....	160	6.8	--	5.8	2.4	6.3	.7	19	4.4	8.0	.2	.9	--	45	96	24	8	70	6.1	200	
Aug. 27.....	135	10	--	7.2	1.0	6.0	.7	18	3.2	--	--	.7	--	--	98	22	7	70	6.2	250	
Aug. 28.....	128	7.3	--	6.4	2.4	6.0	.7	18	4.8	8.0	--	--	--	44	92	26	11	70	6.0	220	
Aug. 29.....	220	22	--	8.0	4.9	7.8	1.4	35	4.0	8.0	--	--	--	73	110	40	12	92	6.5	200	
Aug. 30.....	237	11	--	8.8	1.5	6.5	.8	30	4.8	8.0	.2	.7	--	57	104	28	4	84	6.3	150	
Aug. 31.....	285	8.1	--	9.6	1.9	4.5	1.0	19	3.2	8.0	--	--	--	46	90	32	16	70	6.1	200	
Sept. 1.....	333	8.5	--	8.0	3.4	4.8	.8	21	4.8	8.0	.2	--	--	48	90	34	17	70	6.1	200	
Sept. 2.....	368	8.1	--	6.4	2.9	4.8	.8	21	3.2	8.0	--	--	--	44	92	28	11	66	6.1	200	
Sept. 3.....	303	8.3	--	7.2	2.9	4.8	.8	20	4.4	7.0	.2	.6	--	46	96	30	14	70	6.3	220	
Sept. 4.....	242	8.1	--	8.0	2.4	5.9	.8	24	3.6	8.0	.2	--	--	49	100	30	10	76	6.2	200	
Sept. 5.....	235	--	--	8.0	2.4	5.2	.8	21	2.4	7.0	--	--	--	--	100	30	13	69	6.1	200	
Sept. 6.....	266	15	--	9.6	2.9	7.8	.8	30	4.0	8.0	--	--	--	63	114	36	12	89	6.3	200	
Sept. 7.....	316	13	--	7.2	3.9	5.9	.8	30	4.4	9.0	--	--	--	59	108	34	10	77	6.4	220	
Sept. 8.....	342	8.1	--	7.2	1.9	5.0	.5	19	3.2	8.0	.1	.7	--	44	98	26	10	65	6.5	200	
Sept. 9.....	348	9.5	--	7.2	1.9	5.4	.5	20	2.8	8.0	--	--	--	45	100	26	10	65	6.1	220	
Sept. 10.....	333	5.4	--	5.6	2.9	4.9	.7	14	2.8	7.0	.2	.7	--	37	94	26	14	59	6.3	220	
Sept. 11.....	329	1.9	--	7.2	1.0	5.6	.1	20	2.0	1.0	--	--	--	29	84	22	6	64	6.2	250	
Sept. 12.....	317	1.9	--	5.6	2.4	5.1	.1	17	1.6	4.0	--	--	--	29	80	24	10	61	6.1	220	
Sept. 13.....	341	2.8	--	8.0	2.4	5.5	.1	16	6.4	--	--	--	--	--	102	30	17	93	6.0	220	

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(56) SANTE FE RIVER AT WORTHINGTON, FLA.--Continued																					
Sept. 14, 1959....	410	3.5	--	6.4	1.5	5.8	0.1	19	2.4	--	--	--	--	--	78	22	6	63	6.2	220	
Sept. 15.....	623	--	--	6.4	2.4	5.0	.1	20	--	--	--	--	--	--	76	26	10	63	6.1	220	
Sept. 16.....	1200	3.9	--	4.0	3.4	4.0	.2	12	1.2	4.0	--	--	--	27	70	24	14	53	5.7	220	
Sept. 17.....	1940	4.6	--	6.4	1.5	4.6	.2	15	2.8	1.0	--	--	--	28	82	22	10	54	5.9	250	
Sept. 18.....	2280	--	--	4.0	1.9	--	--	11	--	--	--	--	--	--	74	18	9	47	6.5	260	
Sept. 19.....	2250	3.9	--	4.8	2.9	5.4	.2	18	2.0	2.0	--	--	--	30	80	24	9	56	6.0	250	
Sept. 20.....	2170	4.5	--	5.6	1.5	5.8	.1	20	3.6	4.0	--	--	--	35	84	20	4	56	6.0	250	
Sept. 21.....	2220	3.0	--	4.0	2.4	4.0	.1	10	1.6	2.0	--	--	--	22	74	20	12	48	6.0	250	
Sept. 22.....	2340	--	--	4.0	2.4	4.0	.1	12	--	--	--	--	--	--	76	20	10	49	5.8	260	
Sept. 23.....	2060	3.2	--	4.8	1.9	4.2	.1	12	1.6	2.0	--	--	--	24	80	20	10	49	5.6	250	
Sept. 24.....	1760	9.3	--	6.4	2.9	6.1	.1	26	2.0	2.0	--	--	--	42	104	28	6	61	6.7	250	
Sept. 25.....	1480	2.5	--	4.8	1.9	4.8	.1	16	2.0	--	--	--	--	--	96	20	7	56	5.9	240	
Sept. 26.....	1230	4.6	--	7.2	1.0	5.3	.1	16	2.8	2.0	--	--	--	31	82	22	9	57	5.9	240	
Sept. 27.....	1050	4.3	--	4.8	1.9	5.3	.1	14	2.8	5.0	--	--	--	31	82	20	8	53	6.4	260	
Sept. 28.....	910	3.4	--	4.8	2.9	5.3	.1	14	1.6	3.0	--	--	--	28	106	24	12	58	6.1	260	
Sept. 29.....	783	2.1	--	3.2	2.4	5.0	.1	13	3.2	6.0	--	--	--	28	80	18	8	56	5.8	280	
Sept. 30.....	672	2.0	--	4.8	1.9	5.2	.1	11	3.2	--	--	--	--	--	76	20	11	54	5.7	280	
Time-weighted average.†.....	954	6.4	0.21	6.0	2.4	5.4	0.1	17	7.1	8.7	0.2	0.4	--	45	88	25	11	75	--	200	
Oct. 1-10, 1959...	649	4.6	0.20	4.0	1.6	5.2	0.9	12	4.4	8.0	0.1	0.5		35	73	16	6	60	6.2	140	--
Oct. 11-16, 18-20.	1670	5.5	.23	4.4	1.0	4.4	.8	12	6.8	7.0	.0	.5		37	66	15	5	55	6.1	160	--
Oct. 17.....	3380	--	--	4.0	1.5	3.2	.8	5	.8	--	--	--		--	62	16	12	37	5.5	140	75
Oct. 21-31.....	897	6.3	.25	4.0	2.1	6.0	.6	15	4.0	9.0	.1	.3		40	78	18	6	65	6.2	200	--
Nov. 1-10.....	401	5.8	.22	4.0	1.9	5.3	.6	14	4.0	8.2	.3	.2		37	75	18	6	67	6.2	180	--
Nov. 11-20.....	284	6.1	.19	4.0	2.4	5.4	.5	16	4.8	9.2	.2	.4		41	76	20	7	68	6.4	180	--
Nov. 21-30.....	229	6.5	.21	5.0	2.8	5.6	.6	20	5.2	9.5	.3	.2		46	77	24	8	77	6.5	160	--
Dec. 1-4.....	177	6.2	.12	5.2	2.9	5.8	.5	21	6.8	10	.3	.1		48	80	25	8	77	7.0	160	--
Dec. 5-17.....	158	9.3	.15	6.8	3.2	7.2	.8	31	6.4	9.5	.3	.2		59	83	30	4	94	6.8	140	--
Dec. 18.....	152	21	.14	9.6	3.9	9.7	.8	50	--	10	.3	.1		--	108	40	0	110	7.1	140	60
Dec. 19-31.....	131	9.8	.19	7.6	3.4	7.0	.8	34	6.4	10	.3	.4		63	86	33	5	100	6.7	120	--
Jan. 1-10, 1960...	170	8.8	.14	8.6	2.4	6.5	1.0	30	6.4	11	.3	.2		61	98	34	10	99	7.4	120	--
Jan. 11-20.....	123	9.5	.14	10	3.2	7.2	.8	36	7.6	11	.3	.2		68	99	38	8	110	7.3	120	--
Jan. 21-31.....	105	11	.14	10	2.4	7.6	1.0	34	6.8	11	.2	.3		67	97	35	7	105	7.1	130	--
Feb. 1-10.....	302	11	.19	8.8	3.4	7.6	1.1	30	7.2	12	.3	.5		67	93	36	12	106	7.4	120	--

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(56) SANTE FE RIVER AT WORTHINGTON, FLA.--Continued																					
Feb. 11-20, 1960,.	265	6.8	0.20	7.2	3.9	7.2	0.9	23	6.0	12	0.3	0.4		56	85	34	15	94	7.3	150	
Feb. 21-29.....	605	6.8	.16	6.6	2.3	7.1	1.0	22	6.4	13	.3	.6		55	82	26	8	90	7.3	140	
Mar. 1-17.....	863	11	.15	5.2	1.5	5.9	.8	14	6.4	11	.3	.5		50	75	19	8	69	6.9	140	
Mar. 18-22.....	5900	4.3	.03	3.2	.8	3.7	.6	9	3.0	5.5	.2	.4		26	53	12	4	43	6.6	120	
Mar. 23-31.....	1700	3.2	.08	4.3	1.2	5.8	.4	11	4.8	6.5	.2	.2		32	64	16	6	59	6.2	150	
Apr. 1-10.....	1420	3.4	.13	4.4	1.0	5.1	.5	11	5.6	7.0	.2	.4		33	77	15	6	60	6.9	180	
Apr. 11-20.....	505	2.8	.14	5.8	.9	6.4	.5	11	8.8	7.5	.2	.6		39	75	18	9	71	6.0	180	
Apr. 21-30.....	295	3.3	.16	6.2	1.1	6.8	.5	14	8.0	8.0	.2	.7		42	82	20	8	78	6.0	160	
May 1-10.....	233	7.7	.15	7.8	1.1	7.4	.4	20	8.0	9.0	.2	.4		52	85	24	8	87	6.4	150	
May 11-20.....	131	5.9	.13	8.6	1.3	8.4	.4	22	9.2	9.0	.2	.3		54	78	27	9	96	6.5	120	
May 21-31.....	70	6.6	.12	9.8	1.6	8.3	.7	25	12	9.0	.2	.4		61	83	31	10	108	6.6	110	
June 1-10.....	58	5.5	.11	8.8	3.2	7.9	.0	30	10	8.0	.3	.5		59	91	35	10	109	6.8	100	
June 11-20.....	71	7.9	.09	12	2.5	8.3	.2	35	13	8.0	.3	.3		69	97	40	12	123	6.9	60	
June 21-30.....	459	4.4	.18	5.4	2.6	5.3	.0	18	3.6	5.5	.3	.3		36	82	24	9	72	6.5	180	
July 1-10.....	246	7.0	.18	6.0	2.2	5.7	.2	27	4.0	7.0	.3	.7		46	83	24	2	76	7.0	200	
July 11-20.....	1420	8.1	.34	3.6	1.7	4.2	.2	16	.4	3.8	.3	.6		31	78	16	3	51	6.4	210	
July 21-31.....	1840	5.0	.23	4.4	1.7	3.7	.2	18	.8	5.0	.3	.3		31	124	18	3	57	6.6	200	
Aug. 1-10.....	1900	5.3	.26	3.6	2.7	3.7	.2	15	4.0	4.2	.3	.6		32	74	15	2	49	6.4	210	
Aug. 11-20.....	1030	5.5	.25	4.2	1.6	4.4	.2	15	.8	4.5	.3	.4		30	74	17	4	56	6.5	210	
Aug. 21-31.....	900	5.1	.24	4.2	1.6	4.4	.3	10	.4	4.8	.3	.3		27	73	17	9	56	6.1	190	
Sept. 1-10.....	888	4.9	.33	4.4	1.1	4.4	.5	12	3.6	6.5	.3	.6		33	80	16	6	53	6.2	220	
Sept. 11-20.....	1940	4.7	.34	3.8	1.2	4.0	.5	12	3.2	6.5	.2	.7		31	78	14	4	49	6.2	200	
Sept. 21-30.....	918	6.2	.31	4.2	1.2	5.0	.6	14	4.4	4.5	.2	.6		34	86	16	4	56	6.4	220	
Time-weighted average.1/.....	735	6.7	0.19	6.1	2.0	6.0	0.6	20	5.7	8.2	0.2	0.4		46	82	23	6	77	---	160	
(61) SWIFT CREEK NEAR PROVIDENCE, FLA.																					
Feb. 4, 1958.....	--	4.6	0.10	4.0	3.4	6.0	0.2	9	3.5	13	0.3	0.1	0.2	40	110	24	16	70	5.9	250	--
Mar. 18, 1959.....	S 7.0	3.0	.33	1.4	.9	2.5	.0	2	3.2	3.8	.2	.0	---	16	58	7	6	30	4.9	200	55
Jan. 4, 1960.....	S 11.7	8.7	.37	3.8	2.6	5.1	.4	10	1.2	11	.3	.1	.0	38	85	20	12	62	6.0	180	60
June 22.....	--	6.1	.37	3.8	1.2	3.3	.0	8	.8	6.2	.2	.1	.9	27	64	14	8	42	5.8	160	78

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(40) OLUSTEE CREEK NEAR PROVIDENCE, FLA.																					
Oct. 2, 1957.....	456	3.7	0.52	2.6	1.2	2.7	0.3	6	1.0	11	0.2	0.3	--	27	78	12	6	41	5.4	280	--
Nov. 20.....	3.7	8.0	.30	4.8	3.3	4.6	.5	20	2.0	8.0	.3	.1	--	42	94	26	9	71	6.1	180	65
Jan. 17, 1958.....	92	11	.36	3.8	2.9	5.7	.4	12	2.2	11	.3	.0	--	44	94	22	12	71	5.8	180	50
Mar. 18.....	314	3.6	.44	2.4	1.8	4.7	.4	6	4.0	8.0	.2	.1	--	29	84	14	8	52	6.5	240	58
May 8.....	36	3.5	.75	2.8	2.1	4.7	.4	7	4.0	8.0	.3	.0	--	30	107	16	10	53	5.3	440	67
July 11.....	234	4.2	.60	2.6	1.9	3.4	.5	4	3.8	7.8	.2	.0	--	27	105	14	11	45	5.1	420	80
Sept. 2.....	48	8.8	.52	3.6	.7	2.8	.4	5	1.5	5.5	.4	.8	0.37	28	108	12	8	45	5.1	400	--
Oct. 27.....	.6	6.9	.27	4.0	1.6	3.4	.6	16	1.0	7.0	.3	.4	.80	33	64	16	4	54	6.6	120	63
Feb. 10, 1959.....	111	8.6	.28	3.4	2.1	5.4	.0	4	3.6	10	.4	.4	--	36	103	17	14	63	5.0	240	--
Mar. 18.....	3020	3.4	.18	1.8	.6	2.4	.0	2	.4	3.5	.2	.8	--	16	49	7	6	29	5.1	180	55
July 27.....	113	3.5	.51	2.6	1.0	3.0	.4	7	.8	5.5	.4	1.8	--	23	80	10	5	41	5.2	240	--
Sept. 18.....	552	3.7	.25	2.2	1.1	2.0	.3	10	1.2	5.5	.2	.4	--	22	64	10	2	36	5.1	200	--
Nov. 16.....	59	1.2	.20	2.0	1.5	3.5	.0	5	.0	8.0	.2	.2	--	19	82	11	7	43	5.1	350	64
Jan. 19, 1960.....	21	5.1	.23	5.6	1.7	4.6	.0	17	2.0	8.8	.3	.5	.5	37	102	21	7	60	6.6	150	58
Apr. 7.....	217	1.5	.25	3.6	.2	3.7	.0	10	.8	7.2	.2	.6	--	23	73	10	2	38	5.8	180	64
May 26.....	3.4	4.2	.10	4.4	1.6	3.6	.7	10	.8	6.5	.3	1.8	.5	29	70	18	10	49	5.8	200	--
July 19.....	323	3.8	.38	2.6	1.1	2.4	.7	2	.8	8.5	.4	.1	.3	22	87	11	10	38	4.9	300	--
Sept. 23.....	60	7.7	.20	2.8	1.3	2.9	.3	5	.8	8.2	.3	.1	.3	27	63	12	8	39	5.3	280	76
(55) SANTA FE RIVER NEAR HIGH SPRINGS, FLA.																					
Sept. 19, 1957....	487	5.0	0.07	40	7.5	7.3	0.6	101	42	14	0.4	0.3	--	167	199	133	48	282	7.5	120	78
Oct. 21.....	629	9.9	.07	49	6.9	8.5	.8	117	50	14	.3	.6	--	198	236	151	55	331	7.1	130	--
Dec. 4.....	359	13	.02	62	9.4	10	.2	158	69	15	.2	.2	--	257	241	193	64	423	7.5	22	68
Jan. 27, 1958.....	424	11	.06	40	1.3	8.0	.2	100	44	15	.2	.2	--	169	231	130	48	295	7.1	90	59
Feb. 4.....	78	12	.05	41	7.2	9.0	.9	95	49	16	.3	.0	--	183	212	132	54	291	7.5	80	59
Mar. 26.....	1560	4.9	.26	12	3.6	6.7	.9	31	12	10	.4	.3	--	66	105	45	20	120	6.3	220	60
May 19.....	829	11	.08	49	7.7	8.1	.8	130	45	12	.3	.4	--	198	230	154	66	339	7.1	90	72
July 14.....	1310	8.1	.14	15	3.5	4.6	.8	38	12	7.5	.4	.1	0.21	69	119	52	21	113	6.8	280	78
Sept. 8.....	610	11	.08	51	7.8	6.6	.7	129	48	12	.2	.4	.21	202	251	159	54	338	7.3	100	75
Nov. 3.....	283	13	.02	66	10	7.9	1.0	166	65	14	.3	.4	.31	260	299	206	70	432	7.7	20	69

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(55) SANTA FE RIVER NEAR HIGH SPRINGS, FLA.--Continued																					
Jan. 5, 1959.....	874	10	0.16	24	4.9	6.7	0.8	53	24	12	0.4	0.3	--	109	148	80	36	187	6.8	170	58
Feb. 23.....	990	8.7	.12	32	3.9	7.9	.0	71	34	12	.3	.6	--	135	180	96	38	230	6.8	150	--
Apr. 20.....	1690	8.9	.08	42	4.6	6.5	.0	107	32	10	.3	1.0	--	158	202	124	36	274	7.5	90	--
June 15.....	2900	7.2	.24	26	3.4	4.7	.0	65	20	7.5	.4	1.0	--	102	149	79	26	177	7.3	180	--
Aug. 14.....	1160	11	.06	47	5.5	6.2	.7	127	36	10	.2	.0	--	180	180	140	36	299	7.3	55	76
Oct. 1-14.....	1410	10	.12	33	4.3	5.8	.5	90	21	9.0	.4	.4	--	129	165	100	26	227	7.2	120	--
Oct. 15-20.....	2190	5.9	.17	9.2	1.7	3.5	.7	28	4.8	7.0	.3	.8	--	48	86	30	7	82	6.6	200	--
Oct. 21-25.....	2420	7.0	.21	17	3.0	4.7	.3	49	12	8.0	.4	.2	--	77	119	55	15	133	7.1	210	--
Oct. 26-28.....	1870	11	.18	28	4.4	6.6	.4	82	20	9.0	.4	.1	--	120	160	88	21	198	7.7	190	--
Oct. 29-Nov. 3....	1530	12	.12	42	3.6	7.1	.4	109	30	11	.3	.6	--	161	190	120	30	270	7.3	110	--
Nov. 4-18.....	1230	14	.10	49	3.0	6.6	.4	121	35	10	.3	.8	--	179	203	135	36	296	7.3	80	--
Nov. 19-30.....	1000	14	.06	49	8.9	7.3	.4	140	41	11	.2	.7	--	202	224	159	44	331	7.5	60	--
Dec. 1-10.....	883	18	.03	53	9.0	8.0	.4	153	43	11	.4	.1	--	218	232	169	44	356	7.6	40	--
Dec. 11-18.....	822	17	.03	53	9.0	8.6	.4	154	44	12	.3	.1	--	220	240	169	43	360	8.0	40	--
Dec. 21-31.....	756	17	.03	54	9.6	7.8	.7	144	43	12	.3	.0	--	219	252	174	43	363	8.3	35	--
Jan. 1-10, 1960...	738	15	.03	52	9.4	8.0	.8	148	40	12	.3	.0	--	211	246	168	46	359	8.2	30	--
Jan. 11-20.....	696	20	.03	54	9.1	8.7	.7	152	42	12	.3	.0	--	222	258	172	48	371	8.0	34	--
Jan. 21-31.....	642	13	.02	58	9.1	8.9	.6	156	48	12	.3	.1	--	225	269	182	54	380	8.1	27	--
Feb. 1-7.....	703	14	.05	45	7.7	7.2	.9	124	39	12	.3	.1	--	187	210	144	42	312	7.8	45	--
Feb. 8-14.....	587	10	.09	32	5.1	5.4	.7	84	28	12	.3	.5	--	135	165	101	32	230	7.3	95	--
Feb. 15-22.....	806	15	.08	45	6.7	7.9	1.0	124	40	13	.3	.6	--	191	207	140	38	313	7.6	65	--
Feb. 24-29, Mar. 1-8.....	1320	7.5	.13	15	2.3	5.6	1.0	41	10	9.5	.3	.6	--	72	103	47	14	121	6.8	140	--
Mar. 7-17.....	1390	14	.12	32	5.1	6.5	.9	86	29	10	.3	.5	--	140	170	101	30	231	7.4	95	--
Mar. 18.....	1740	8.8	.10	22	5.6	5.8	.9	66	6.0	10	.4	.3	--	93	120	78	24	161	7.1	100	--
Mar. 19-27.....	4350	3.9	.13	6.0	1.0	3.3	.9	16	5.2	3.0	.2	.4	--	32	62	19	6	57	6.4	150	--
Mar. 28-Apr. 10...	2600	7.3	.21	21	4.7	5.4	.9	60	18	7.5	.3	.5	--	96	120	72	23	155	7.1	140	--
Apr. 11-20.....	1810	10	.11	38	5.1	6.5	.9	104	30	10	.3	.8	--	153	174	116	31	254	7.5	85	--
Apr. 21-30.....	1370	13	.08	48	6.8	6.8	.7	134	40	11	.3	.9	--	194	209	148	38	318	8.1	60	--
May 1-10.....	1180	13	.05	54	3.8	7.6	.6	136	41	11	.2	.8	--	199	219	150	38	327	7.7	48	--

Table 2.--Chemical analyses and temperatures of surface waters--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Date of collection	Mean discharge (cfs)	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
(55) SANTA FE RIVER NEAR HIGH SPRINGS, FLA.--Continued																					
May 11-20, 1960...	988	17	0.03	57	6.3	8.6	0.7	152	45	12	0.1	1.1	--	223	243	168	44	369	7.7	40	--
May 21-25.....	882	18	.03	61	5.8	8.4	.7	158	48	12	.0	.9	--	233	254	176	46	381	7.6	30	--
June 19.....	696	17	.04	61	9.7	8.8	.6	168	9.6	11	.2	1.3	--	202	262	192	54	400	7.9	5	--
June 20-30.....	877	15	.08	39	5.5	8.5	.6	108	28	10	.2	.7	--	161	192	120	32	270	7.6	90	--
July 1-10.....	853	17	.08	50	5.1	7.8	.0	132	39	10	.3	.7	--	195	224	146	38	318	7.8	70	--
July 11-20.....	1280	9.3	.19	17	2.1	5.0	.0	46	8.0	6.0	.3	.3	--	71	118	51	14	122	7.0	160	--
July 21-31.....	2030	8.3	.27	14	2.7	5.3	.0	40	6.4	5.5	.4	.1	--	63	110	46	13	109	6.8	200	--
Aug. 1-10.....	2270	12	.25	18	1.9	5.6	.4	52	12	8.0	.3	.2	--	85	119	53	10	124	7.1	220	--
Aug. 11-14.....	2350	15	.58	21	2.1	5.4	.4	55	13	7.0	.3	.1	--	92	123	61	16	139	7.3	180	--
Aug. 15-20.....	1880	18	.21	33	4.3	7.6	.4	92	25	9.0	.3	.4	--	143	172	100	24	224	7.9	160	--
Aug. 21.....	1620	--	--	42	2.2	8.7	.6	100	29	13	--	--	--	--	--	114	32	245	7.0	--	--
Aug. 22-31.....	1670	12	.22	24	2.9	5.0	.4	63	18	8.0	.3	.3	--	102	136	72	20	163	7.7	180	--
Sept. 1-4.....	1790	9.2	.16	30	4.4	5.6	.7	74	18	10	.3	.6	--	115	136	93	32	192	7.1	130	--
Sept. 5-11.....	1670	13	.13	35	3.8	6.5	.7	93	25	10	.3	.9	--	141	159	103	27	231	7.1	150	--
Sept. 12-19.....	2180	8.9	.20	13	2.3	4.4	.6	37	7.2	8.0	.3	.5	--	63	88	42	12	98	6.7	160	--
Sept. 21-25.....	1850	12	.15	36	3.9	5.7	.8	94	28	10	.3	.4	--	143	165	106	29	232	7.2	160	--
Sept. 26-30.....	1560	6.8	.18	13	2.1	3.9	.6	36	6.8	8.0	.3	.4	--	60	88	41	12	95	6.7	160	--
Time-weighted average.....	1444	13	0.12	37	5.1	6.5	0.8	100	28	9.7	0.3	0.5	--	--	178	114	32	247	--	100	--

E Estimated discharge I Result of discharge measurement S Stage in feet

1 Time-weighted average for the year ending September 30.

2 Time-weighted average for period July 1957 to September 1958

Well number: See text for explanation of well-numbering system.
Location: See figure 5.
Aquifer: W, water-table aquifer (comprises the Pleistocene and Recent deposits, Older Pleistocene terrace deposits, Unnamed coarse clastics, Choctawhatchee and Hawthorn Formations); SA, secondary artesian aquifer (comprises the Choctawhatchee and Hawthorn Formations); F, Floridan aquifer (comprises the Hawthorn Formation, Suwannee Limestone, Ocala Group, Avon Park Limestone, and Lake City Limestone).
Measuring point: L, land surface; TB, top of bushing; TC, top of casing; TCb, top of concrete curbing; TCo, top of coupling; TCr, top of cross; TD, top of discharge pipe; TDC, top of drain cover; TE, top of elbow; TF, top of flange; TFa, top of faucet; TP, top of plug; TPB, top of pump base; TPS, top of pitcher pump spout; TSR, top of steel rod; TT, top of tee; TV, top of valve.
Elevation of measuring point determined by: A, altimeter; EL, engineers' level; T, topographic map.
Water level: R, reported; otherwise measured.
Use: D, domestic; Dr, drainage; F, fire; Id, industrial; Ir, irrigation; N, none; O, observation; OT, oil test; P, public supply; RR, railroad; S, stock.
Remarks: A, auger hole; CE, cuttings on file with Corps of Engineers; CF, cuttings on file with Florida Geological Survey; Ds, destroyed; E, electric log available; G, gamma ray log available; RQ, rock quarry; S, sinkhole; WF, well filled in; WP, well plugged; Al-1 (Alachua-1), B-1 (Bradford-1); C-1 (Clay-1), numbers for wells published in Water-Supply Paper 773-C; Clay-5 (Clay-5), numbers for wells published in the water-level report series of the U.S. Geological Survey.

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
Alachua County															
927-203-1	SE¼SE¼ sec. 12, T. 12 S., R. 22 E.	W. A. Shands	----------	73	-----	6	F	L	0.0	57 A	+0.11	8- 6-56	72	Ir	
929-204-1	SE¼SW¼ sec. 36, T. 11 S., R. 22 E.	J. G. Brown	R. L. Williams	95	-----	6	F	TC	-2	80 A	24.08 20.59	2- 8-56 12-16-58	----	Dr	E
929-206-1	SE¼SW¼ sec. 27, T. 11 S., R. 22 E.	----------	Corps of Engineers	10	-----	6	F	----	-------	65.58 EL	--------	--------	----	N	CE
929-209-1	SW¼SE¼ sec. 36, T. 11 S., R. 21 E.	Ben Wheeler	Acme Drilling Co.	161	-----	4	F	TC	1.15	65.45 EL	8.87 8.63	6- 3-58 12-16-58	----	D	
929-213-1	NW¼NW¼ sec. 33, T. 11 S., R. 21 E.	J. E. Thrasher	----------	57	54	2	F	TC	2.1	63.87 EL	9.74	4-11-58	69.7	D	
929-214-1	NE¼SW¼ sec. 31, T. 11 S., R. 21 E.	W. I. Gill	Gainesville Equipment Co.	157	41	4	F	TC	.5	146.69 EL	92.22	10-23-58	70.2	D	
930-205-1	NW¼NE¼ sec. 34, T. 11 S., R. 22 E.	John W. Thomas	-------do------	150	-----	4	F	TC	.5	74 A	15.73	10-14-59	----	D	
930-206-1	SW¼SW¼ sec. 22, T. 11 S., R. 22 E.	L. E. Richardson	----------	80	-----	3	F	TC	.5	60 T	--------	--------	----	D	
930-206-2	NW¼SW¼ sec. 27, T. 11 S., R. 22 E.	Ted Polk	Cherry Wallace	66	60	2	F	TC	1.0	55 T	+2.41	10-14-59	----	D	

Table 3.--Continued

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
930-206-3	NE¼SW¼ sec. 27, T. 11 S., R. 22 E.	C. H. White	C. H. White	55	48	1¼	F	TC	1.0	65 T	4.41	10-14-59	----	D	
930-214-1	SW¼SE¼ sec. 19, T. 11 S., R. 21 E.	Franklin Lumber and Basket Co.	R. L. Williams	45	-----	2	SA	TC	.75	----------	12.25	6- 2-58	----	D,S	
930-214-2	SW¼SE¼ sec. 19, T. 11 S., R. 21 E.	-------do-------	----------	83	-----	4	?	TC	.6	----------	15.92	7- 8-58	----	N	
930-216-1	NW¼SW¼ sec. 25, T. 11 S., R. 20 E.	Mrs. Jean Clark	Acme Drilling Co.	67	55	4	F	TC	.2	98.45 EL	31.8	4- 7-58	----	P	CF
930-216-2	SE¼NE¼ sec. 26 T. 11 S., R. 20 E.	Franklin Lumber and Basket Co.	J. J. Hare	145	-----	----	F	TPB	1.6	101.03 EL	43.87	7- 2-58	71	Id	
930-216-3	SE¼NE¼ sec. 26, T. 11 S., R. 20 E.	-------do-------	----------	65	-----	----	SA	----	-------	----------	--------	--------	----	Id	
930-216-4	SE¼NE¼ sec. 26, T. 11 S., R. 20 E.	-------do-------	----------	20	-----	132	W	L	.0	102.55	6.27	7- 2-58	----	Id	
930-216-5	NE¼SW¼ sec. 26, T. 11 S., R. 20 E.	Mrs. J. R. Whiting	Barr and Watkins	8	97	6	F	TC	.0	124 T	69.2	4-22-34	----	N	Al-17, Wf
930-217-1	SW¼NW¼ sec. 26, T. 11 S., R. 20 E.	J. E. Thrasher	Dibble and Ernest	150	-----	4	F	----	-------	96.46 EL	--------	--------	----	N	CF, Wf
930-217-2	NW¼SW¼ sec. 26, T. 11 S., R. 20 E.	Town of Micanopy	C. B. Hunter	75	-----	4	F	TC	2	116 T	62.0	--------	----	P	Al-18
931-206-1	SE¼SE¼ sec. 16, T. 11 S., R. 22 E.	F. X. Brenneis	Acme Drilling Co.	55	31	3	F	L	.0	70.26 EL	0 R	2-20-48	----	D	CF
931-210-1	SW¼NE¼ sec. 23, T. 11 S., R. 21 E.	Corps of Engineers	Corps of Engineers	5	-----	6	F	----	-------	78.02 EL	--------	--------	----	N	CF, Wf
931-218-1	SE¼SE¼ sec. 16, T. 11 S., R. 20 E.	Univ. of Florida Camp Wauberg	J. J. Hare	120	81	4	F	TC	.0	96 A	30.98	5- 7-59	72	P	
931-218-2	NW¼NW¼ sec. 21, T. 11 S., R. 20 E.	J. J. Hare	-------do------	85	31	4	F	TC	1.0	109 A	51.52	5- 7-59	72	N	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
931-219-1	Land grant, T. 11 S., R. 20 E.	James Warrington	J. J. Hare	------	-----	----	F(?)	----	-------	----------	--------	--------	----	---	
931-231-1	NE¼SE¼ sec. 17, T. 11 S., R. 18 E.	Maddox Foundry and Machine Co.	J. O. Edson	155	155	6	F	TPB	.5	81 T	30 R	--------	----	P, Id	Al-7
931-231-2	NE¼SE¼ sec. 17, T. 11 S., R. 18 E.	-------do------	Stevens-Southern Co.	220	-----	----	F	----	-------	----------	--------	--------	73.5	P, Id	
932-205-1	NE¼SW¼ sec. 10, T. 11 S., R. 22 E.	Ira Brahm	Sam Jordan	56	-----	3	SA	TC	-------	85 T	18 R	10- -52	----	D	
932-215-1	Land grant, T. 11 S., R. 20 E.	T. A. Jensen	J. J. Hare	110	80	4	F	TC	.0	94 A	19.47	5- 8-59	72	D	
932-222-1	NW¼SW¼ sec. 12, T. 11 S., R. 19 E.	Hull's Dairy	-------do------	85	51	4	F	TC	1.0	83 A	27.31	5- 7-59	72	S	
932-231-1	NW¼NW¼ sec. 16, T. 11 S., R. 18 E.	Brice Wood Preserving Plant	Acme Drilling Co.	150	-----	6	F	TC	1.0	86.90 EL	40.07	9-20-58	74.5	Id	
933-206-1	NE¼NE¼ sec. 9, T. 11 S., R. 22 E.	George Stanley	Bemus	97	-----	4	F	TC	1.0	90 T	19 R	1952	----	D	
933-212-1	NE¼NW¼ sec. 9, T. 11 S., R. 21 E.	Frank Adams	Frank Adams	32	-----	2	W	TC	2	80 T	10 R	1950	----	D	
933-219-1	SW¼SE¼ sec. 5, T. 11 S., R. 20 E.	Camp Ranch Inc.	J. J. Hare	101	63	4	F	TC	1.0	89 A	31.76	5- 7-59	72	D	
933-223-1	SW¼NW¼ sec. 11, T. 11 S., R. 19 E.	Wacahoota Church	----------	22	-----	2	W	TC	1.0	----------	9.08	5- 7-59	----	P	
933-232-1	NE¼SW¼ sec. 5, T. 11 S., R. 18 E.	C. T. Farley	Acme Drilling Co.	-----	-----	4	F(?)	----	-------	83.68 EL	-------	-------	----	D, S	CF
933-236-1	SE¼SW¼ sec. 33, T. 10 S., R. 17 E.	Brown	----------	19	-----	1¼	W	TT	3	----------	14.46	7-15-58	72	D	
934-211-1	Land grant, sec 34, T. 10 S., R. 21 E.	Owen-Illinois	----------	23	-----	1¼	W	TC	2.0	100 T	4.53	10-15-59	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above ( ) or below measuring point (feet)	Date of measurement			
935-204-1	SW¼SW¼ sec. 25, T. 10 S., R. 22 E.	G. C. McClellan	----------	63	43	3	SA	TC	0.85	133 T	21.05	8- 2-56	----	N	
935-204-2	NE¼NE¼ sec. 26, T. 10 S., R. 22 E.	Florida Forest Service	E. R. Benedict	126	-----	2	F	----	-------	160.54 EL	---------	---------	----	D	CF
935-204-3	NW¼NE¼ sec. 26, T. 10 S., R. 22 E.	C. E. Titus	C. B. Pitzer	82	55	2	SA	TC	1.5	150 T	16 R	5- -56	72	D	
935-204-4	SE¼NE¼ sec. 26, T. 10 S., R. 22 E.	R. E. Gregory	-------do-------	82	55	2	SA	TC	1.0	135 T	16 R	6- -58	----	D	
935-205-1	NW¼NW¼ sec. 35, T. 10 S., R. 22 E.	City Products Corp.	----------	86	150	6	F	TC	.0	141 A	60.15	4-16-58	----	N	Al-16
935-205-2	NE¼NE¼ sec. 27, T. 10 S., R. 22 E.	City of Hawthorne	----------	335	-----	----	F	----	-------	151.31 EL	---------	---------	----	---	CF
935-206-1	SW¼NW¼ sec. 27, T. 10 S., R. 22 E.	Lonnie Harris	Lewis Ivey	90	80	2	SA	TC	1	135 T	7.5 R	3- -56	----	D	
935-207-1	NE¼SW¼ sec. 29, T. 10 S., R. 22 E.	Joe Lovell	-------do-------	92	84	2	SA	TC	1.0	125 T	18 R	8- -58	----	D	
935-208-1	NE¼NW¼ sec. 31, T. 10 S., R. 22 E.	Kelley	J. R. Williams	88	30	----	F	----	-------	65 T	---------	---------	73	P	
935-208-2	-------do-------	-------do------	-------do------	88	30	----	F	----	-------	65 T	---------	---------	73	P	
935-208-3	-------do-------	-------do------	-------do------	108	30	----	F	----	-------	65 T	---------	---------	73	P	
935-208-4	-------do-------	-------do------	-------do------	52	30	----	F	----	-------	65 T	---------	---------	73	P	
935-208-5	-------do-------	-------do------	-------do------	-----	-----	----	F	----	-------	65 T	---------	---------	73	P	
935-208-6	-------do-------	-------do------	-------do------	55	32	4	F	----	-------	65 T	---------	---------	----	P	
935-208-7	-------do-------	-------do------	-------do------	72	22	4	F	TC	5.97	62 T	4.17	7-25-58	71.4	P	
935-209-1	SE¼NE¼ sec. 25, T. 10 S., R. 21 E.	Mrs. Beulah Jenkins	Gainesville Equipment Co.	69	-----	4	F	TC	.5	103 A	21.0 22.13	10-13-59 6-23-60	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
935-209-2	NW¼NE¼ sec. 25, T. 10 S., R. 21 E.	R. C. Brown	Ralph Mathews	78	77	2	F	TC	0.5	99 T	21 R	9- 1-59	----	P	
935-211-1	NW¼NE¼ sec. 27, T. 10 S., R. 21 E.	Owen-Illinois Glass Co.	----------	117	-----	4	F	TS	1.0	116 A	37.17 39.46	5- 8-59 6-23-60	72	F	
935-213-1	SW¼NW¼ sec. 28, T. 10 S., R. 21 E.	Atlantic Coast-line RR	----------	395	-----	6	F	TC	.5	80.7 EL	14	4-22-34	----	N	Ds, Al-15
935-213-2	SW¼NE¼ sec. 29, T. 10 S., R. 21 E.	H. J. Hogan	J. J. Hare	96	-----	4	F	TC	1.0	80 A	13.47	5- 8-59	72	D	
935-220-1	McIntosh Grant, T. 10 S., R. 20 E.	F. W. Buchholz	Gainesville Equipment Co.	124	43	4	F	TC	.0	72.22 EL	18.57	4-24-58	----	D	
935-220-2	--------do--------	Hume	--------do--------	96	83	4	F	L	.0	80.12 EL	28 R	1955	----	D	
935-220-3	--------do--------	S. M. Wall	--------do--------	346	210	----	F	----	--------	----------	---------	---------	----	S	
935-221-1	C. W. James Grant, T. 10 S., R. 19 E.	D. O. Spinks	--------do-------	140	65	4	F	TC	.4	117.16 EL	55.75	5- 7-58	----	D	
935-225-1	NW¼SE¼ sec. 29, T. 10 S., R. 19 E.	H. L. Brower	J. J. Hare	80	61	4	F	TC	1.0	94 A	40.69	5- 8-59	72	S	
935-233-1	NW¼SW¼ sec. 25, T. 10 S., R. 17 E.	U.S. Geological Survey	U.S. Geological Survey	7	5	1¼	----	TC	.0	50.02 EL	4.94	2-10-58	57	O	
936-207-1	NE¼NW¼ sec. 29, T. 10 S., R. 22 E.	Ray Waits	Gainesville Equipment Co.	105	75	4	F	TC	1.0	109 A	32.73 33.76	9-25-59 6-23-60	----	D	
936-212-1	SE¼SE¼ sec. 21, T. 10 S., R. 21.E.	Marie Grisby	----------	50	42	2	W	TC	.5	----------	20.82	10-13-59	----	D	
936-220-1	C. W. James Grant, T. 10 S., R. 20 E.	R..N. Howe	J. J. Hare	92	-----	4	F	TC	1.2	67.95 EL	14.98	4- 7-58	----	N	CF
936-220-2	--------do--------	--------do-------	--------do-------	208	258	6	F	TS	1.1	68.48 EL	16.38	4- 4-58	----	Ir	CF
936-220-3	--------do--------	Frank Tabor	--------do-------	90	-----	4	F	TS	.55	75.77 EL	21.25	4- 4-58	74	F	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
936-223-1	NW¼NE¼ sec. 22, T. 10 S., R. 19 E.	R. Vogh	Libby and Freeman	75	54	4	F	TC	1.1	79.69 EL	32.94	11-18-57	----	D	
936-236-1	SW¼NW¼ sec. 22, T. 10 S., R. 17 E.	U.S. Geological Survey	Central Florida Well Drillers	252	136	8	F	TCo	3.7	76.27 EL	28.91	7-29-58	----	O	CF, E
936-236-2	NW¼NW¼ sec. 22, T. 10 S., R. 17 E.	Esse Mae Hunt	David Jones	-----	93	2	F	----	-------	----------	--------	--------	73.9	D	
936-236-3	NW¼SE¼ sec. 21, T. 10 S., R. 17 E.	C. J. Boyd	John Spivey	365	48	10	F	L	.0	----------	32.33	8- 5-57	75.9	Ir	
936-236-4	-------do-------	-------do------	Sadler Taylor Co.	312	211	10	F	L	.0	76.93 EL	43.3 R	4- -57	----	Ir	
937-205-1	SW¼SW¼ sec. 14, T. 10 S., R. 22 E.	W. T. Dickerson, Jr.	Gainesville Equipment Co.	205	110	8	F	TPB	1.0	----------	34.40	6- 2-60	72	Ir	
937-212-1	SE¼NW¼ sec. 15, T. 10 S., R. 21 E.	Dick Surrency	----------	39	-----	1¼	W	TC	.9	----------	4.49	4-25-58	----	N	
937-212-2	-------do-------	-------do------	Gainesville Equipment Co.	222	162	4	F	TC	1.0	91.55 EL	15.33	11- 3-58	71.5	D	
937-212-3	-------do-------	-------do-------	U.S. Geological Survey	8	5	1¼	W	TC	.0	91.5 EL	3.17	12-18-58	67	O	
937-216-1	NW¼NE¼ sec. 14, T. 10 S., R. 20 E.	Fred Dugger	Gainesville Equipment Co.	125	43	4	F	L	.0	155.93 EL	75 R	7-31-54	----	D	CF
937-217-1	SE¼SW¼ sec. 11 T. 10 S., R. 20 E.	Hugh Simmons	-------do------	193	88	4	F	L	.0	159.07 EL	110 R	7-22-55	----	D	
937-219-1	NE¼NE¼ sec. 1, T. 10 S., R. 20 E.	City of Gainesville	Stevens Southern Co.	370	116	16	F	L	.0	96.97 EL	50 R	12-30-50	----	Id	CF
937-222-1	SW¼NE¼ sec. 14 T. 10 S., R. 19 E.	Hugh Granger	Gainesville Equipment Co.	158	90	----	F	----	--------	72.71 EL	--------	--------	----	P	
937-222-2	-------do-------	-------do------	-------do------	-----	-----	----	---	----	--------	----------	--------	-------	----	P	
937-223-1	SW¼SW¼ sec. 14, T. 10 S., R. 19 E.	J. P. Ahrano	-------do------	275	203	4	F	TS	.3	85.18 EL	33.4	5- 8-58	----	D	CF

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
937-232-1	NW¼NW¼ sec. 17, T. 10 S., R. 18 E.	Harry Dixon	Gainesville Equipment Co.	144	90	10	F	L	0.0	89.94 EL	48.91	2-21-58	----	Ir	
938-206-1	SW¼NW¼ sec. 10, T. 10 S., R. 22 E.	S. H. Baylor	-------do-------	180	84	4	F	TC	.5	138 A	51.5 52.03	9-12-59 9-23-59	----	D	
938-208-1	NW¼SE¼ sec. 7, T. 10 S., R. 21 E.	J. V. Arnette	----------	63	-----	4	SA	TC	.5	123 A	22.85 26.08	9-23-59 6-23-60	----	D	
938-211-1	SW¼SW¼ sec. 2, T. 10 S., R. 21 E.	C. F. Wilkerson	A. L. Nobles	80	63	2	F	TC	.5	102 T	35 R	2- -57	----	D	
938-211-2	NE¼SW¼ sec. 2, T. 10 S., R. 21 E.	Randall Graves	R. E. Mathews	95	84	2	F	TC	.5	113 T	29.03	10-12-59	----	D	
938-211-3	NW¼SW¼ sec. 2, T. 10 S., R. 21 E.	H. A. Smith	E. McGollie	102	84	2	F	TC	.0	110 T	35 R	11- -56	---	D	
938-211-4	NE¼SE¼ sec. 3, T. 10 S., R. 21 E.	Bill Edwards	A. L. Nobles	95	84	4	F	TC	2.2	95 T	9.47	10-12-59	----	N	
938-211-5	NE¼SE¼ sec. 3 T. 10 S., R. 21 E.	-------do-------	-------do-------	115	112	4	F	TC	.0	95 T	8.27	10-12-59	----	Ir	
938-216-1	SW¼NE¼ sec. 11, T. 10 S., R. 20 E.	Florida Fryers	Libby and Freeman	594	430	6	F	TPB	.0	----------	85.5	11-15-57	----	Id	
938-217-1	SW¼NW¼ sec. 11, T. 10 S., R. 20 E.	Charles O'Neal	Acme Drilling Co.	79	50	3	F	L	.0	138.1 EL	31 R	2-18-48	----	P	CF
938-217-2	SE¼NW¼ sec. 11, T. 10 S., R. 20 E.	Guy Saferight	Gainesville Equipment Co.	224	88	6	F	L	.0	161.42 EL	115 R	6-11-55	----	P	
938-218-1	NW¼NW¼ sec. 9, T. 10 S., R. 20 E.	City of Gainesville	Central Florida Well Drillers	713	153	24	F	TC	.65	130 T	99.95	11-18-57	75.8	P	
938-219-1	SE¼SE¼ sec. 5, T. 10 S., R. 20 E.	Black Laboratory	Libby and Freeman	-----	120	6	F	----	-------	143.32 EL	99 R	--------	73	Id	CF
938-219-2	NW¼NE¼ sec. 8, T. 10 S., R. 20 E.	Atlantic Ice Co.	----------	545	-----	----	F	TPB	1.6	139.3 EL	95.0	11-17-34	72	Id	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
938-219-3	NW¼NE¼ sec. 8, T. 10 S., R. 20 E.	Atlantic Ice Co.	Gray and Stevens	243	123	10	F	TPB	1.0	142 T	95.8 R	11-17-34	69	Id	Al-14
938-219-4	SW¼SW¼ sec. 4, T. 10 S., R. 20 E.	City of Gainesville	Gray Well and Pump Co.	407	-----	18	F	----	-------	140 T	---------	--------	----	P	
938-219-5	-------do-------	-------do------	----------	365	-----	12	F	----	-------	140 T	---------	--------	----	P	
938-219-6	-------do-------	-------do------	Layne-Atlantic	464	173	30	F	TPB	1.1	142.80 EL	99.64	11-15-57	----	P	CF
938-219-7	SE¼SE¼ sec. 5, T. 10 S., R. 20 E.	City of Gainesville	----------	421	-----	18	F	TPB	1.62	142.75 EL	106.08	11-18-57	----	P	
938-219-8	NW¼NW¼ sec. 9, T. 10 S., R. 20 E.	-------do------	Central Florida Well Drillers	743	152	24	F	TPB	.7	130 T	95	11-18-57	75	P	CF
938-219-9	-------do-------	-------do------	-------do------	750	163	24	F	TPB	1.5	131 T	89.73	11-18-57	75	P	CF
938-220-1	SW¼SE¼ sec. 6, T. 10 S., R. 20 E.	Univ. of Florida	Libby and Freeman	450	128	10	F	TPB	.0	156.4 EL	112.6	11- 8-57	71.8	Ir	CF
938-221-1	SE¼NW¼ sec. 7, T. 10 S., R. 20 E.	-------do------	Georgia-Florida Well Drillers	916	290	20	F	TPB	.0	79.3 EL	32.8	11-11-57	80	Id	CF
938-221-2	SW¼NE¼ sec. 7, T. 10 S., R. 20 E.	-------do------	-------do------	700	188	20	F	TPB	.3	73.3 EL	25.8	11-11-57	80	Id	CF
938-221-3	NE¼NW¼ sec. 7, T. 10 S., R. 20 E.	-------do------	-------do------	909	183	24	F	TCb	1.5	75.5 EL	28.66	11-11-57	----	Id	CF, E
938-223-1	NE¼SE¼ sec. 3, T. 10 S., R. 19 E.	E. E. Stanley	Gainesville Equipment Co.	48	35	4	F	TC	.5	61.14 EL	9.42	5- 6-58	----	N	CF
938-223-2	NE¼SW¼ sec. 11, T. 10 S., R. 19 E.	Rocking Chair Rest Home	----------	-----	-----	----	---	TC	.0	----------	16.8	3-18-58	----	P	
938-223-3	-------do-------	-------do------	Acme Drilling Co.	135	121	4	F	L	.0	71.76 EL	29 R	7-29-55	----	P	CF
938-234-1	SE¼SW¼ sec. 1, T. 10 S., R. 17 E.	L. B. Gravely	Gainesville Equipment Co.	425	294	10	F	----	-------	92.69 EL	62 R	8- 5-55	78	Ir	CF, S

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
938-234-2	NE¼SE¼ sec. 2, T. 10 S., R. 17 E.	E. H. Gravely	Gainesville Equipment Co.	94	44	4	F	TC	.3	85.90 EL	55.44	5- 6-58	----	D	
938-235-1	NW¼SE¼ sec. 3, T. 10 S., R. 17 E.	Mrs. Henry Holt	-------do-------	99	80	3	F	L	.0	80.62 EL	45 R	7- 2-54	----	D	
938-236-1	NW¼SE¼ sec. 4, T. 10 S., R. 17 E.	City of Newberry	Spivey	120	20	4	F	TC	2	78.86 EL	38.4	4-16-58	----	N	
938-236-2	-------do-------	-------do-------	-------do-------	120	80	12	F	L	.0	77.29 EL	40 R	1- -56	74	P	
938-236-3	-------do-------	-------do-------	Libby and Freeman	250	150	12	F	----	--------	76.71 EL	---------	--------	----	N	CF, Ds
938-237-1	SW¼NW¼ sec. 4, T. 10 S., R. 17 E.	-------do-------	E. A. Durst	118	67	10	F	L	.0	84 T	41 R	---------	74	P	A1-5
939-204-1	SE¼NW¼ sec. 2, T. 10 S., R. 22 E.	Seth T. Miller	Pitzer	65	-----	2	SA	TC	.5	120 T	31.23	9-22-59	----	N	
939-204-2	-------do-------	-------do-------	Sam Jordan	68	42	2	SA	TC	.5	120 T	32 R	6- -58	----	D	
939-215-1	SE¼NE¼ sec. 1, T. 10 S., R. 20 E.	W. R. Owens	J. J. Hare	87	-----	4	SA	L	.0	101.7 EL	55 R	1951	----	D	CF
939-216-1	NE¼SW¼ sec. 1, T. 10 S., R. 20 E.	R. C. Deen	Gainesville Equipment Co.	78	-----	----	SA	----	--------	123.08 EL	--------	----------	----	---	
939-217-1	SW¼NE¼ sec. 3, T. 10 S., R. 20 E.	R. C. Leary	-------do-------	194	134	4	F	L	.0	145.69 EL	100 R	1955	----	D	CF
939-217-2	SE¼SW¼ sec. 34, T. 9 S., R. 20 E.	Alachua County Board of Public Instruction	J. J. Hare	115	65	4	SA	TC	1.3	----------	8.60	7- 8-58	----	P	
939-217-3	SW¼NE¼ sec. 3, T. 9 S., R. 20 E.	S. M. Feagle	Gainesville Equipment Co.	65	38	4	SA	L	.0	----------	5 R	2- 7-58	----	D	
939-219-1	SE¼SW¼ sec. 33, T. 9 S., R. 20 E.	Dr. W. Lassiter	-------do-------	232	194	4	F	L	.0	184.04 EL	32 R	3-12-58	----	D	CF
939-219-2	SW¼NE¼ sec. 32, T. 9 S., R. 20 E.	Gainesville Ice & Cold Storage Co.	Gray Well and Pump Co.	335	120	8	F	TPB	2.5	183.0 EL	144 R	9- 5-34	73	Id	CF, A1-12

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
939-219-3	SE¼SE¼ sec. 32 T. 9 S., R. 20 E.	Setzers Super Market	Gainesville Equipment Co.	244	98	6	F	L	0.0	177.96 EL	135 R	4- 1-55	----	N	CF
939-220-1	NE¼SE¼ sec. 31, T. 9 S., R. 20 E.	R. Tassinari	-------do-------	65	-----	4	SA	TC	1.0	----------	11.17	5-12-58	----	D	
939-220-2	-------do-------	-------do-------	-------do-------	236	147	6	F	L	.0	183.75 EL	135.54	5-12-58	----	N	
939-221-1	NE¼NE¼ sec. 1, T. 10 S., R. 19 E.	R. L. Black, Jr.	-------do-------	155	45	4	F	L	.0	126.51 EL	83 R	12- 7-54	----	Ir	CF
939-221-2	NW¼NW¼ sec. 6, T. 10 S., R. 20 E.	Mrs. Fanida Baker	Libby and Freeman	247	92	6	F	TC	1.1	147.2 EL	101.04	4- 4-58	----	N	CF
939-221-3	NW¼SW¼ sec. 6, T. 10 S., R. 20 E.	Univ. of Florida	Central Florida Well Drillers	387	77	6	F	TC	.0	132.05 EL	83 R	2-22-52	76	D	CF
939-223-1	NW¼NE¼ sec. 3, T. 10 S., R. 19 E.	Louie G. Jones	J. J. Hare	100	-----	4	F	----	--------	93.49 EL	---------	--------	----	D	CF
939-223-2	NE¼SW¼ sec. 2, T. 10 S., R. 19 E.	J. M Byrd	Gainesville Equipment Co.	135	126	4	F	TC	.55	63.5 EL	16.0	5- 5-58	----	D	
939-223-3	-------do-------	F. W. Kronmiller	-------do-------	65	40	4	F	TC	.5	66.64 EL	15.95	5- 5-58	----	D	
939-225-1	NW¼NE¼ sec. 5, T. 10 S., R. 19 E.	R. K. Buckley	-------do-------	162	-----	6	F	TC	.0	138.29 EL	91.13	5- 8-58	----	N	
939-226-1	SE¼SE¼ sec. 31, T. 9 S., R. 19 E.	-------do-------	-------do-------	150	45	4	F	L	.0	156.76 EL	110 R	11-12-54	----	S	
939-226-2	NW¼NE¼ sec. 6, T. 9 S., R. 19 E.	-------do-------	-------do-------	165	55	2	F	L	.0	159.38 EL	112 R	9-24-54	----	S	CF
939-227-1	NW¼NE¼ sec. 1, T. 10 S., R. 18 E.	G. W. Fletcher, Jr.	-------do-------	83	35	4	F	L	.0	95.91 EL	47 R	7-20-55	----	D	
939-227-2	SW¼SE¼ sec. 36, T. 9 S., R. 18 E.	Mrs. G. W. Fletcher	-------do-------	159	-----	4	F	----	--------	----------	---------	--------	----	D	
939-230-1	NE¼NE¼ sec. 4, T. 10 S., R. 18 E.	J. S. Jones, Jr.	----------	55	-----	2	F	TC	3.0	91.67 EL	50.59	2-14-58	----	N	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
939-235-1	NW¼NE¼ sec. 3, T. 10 S., R. 17 E.	Parker Brothers	U.S. Geological Survey	12	10	1¼	F	TC	-40	80 T	0.57	1-28-58	----	O	
939-236-1	NW¼NE¼ sec. 4, T. 10 S., R. 17 E.	Atlantic Coast-line Railroad	----------	75	75	8	F	TC	-27.6	55.9 EL	11.0	4-25-34	----	N	Ds, Al-6
940-205-1	NE¼NE¼ sec. 34 T. 9 S., R. 22 E.	Frederick Ahrano	Gray Well and Pump Co.	300	-----	8	F	----	-------	150 T	--------	--------	----	Ir	
940-205-2	NE¼SE¼ sec. 34 T. 9 S., R. 22 E.	-------do------	Albert H. Miller	220	88	8	F	TC	.0	160 A	72.79	5-27-60	----	Ir	
940-206-1	SE¼NW¼ sec. 33, T. 9 S., R. 22 E.	R. H. Weghorst	----------	75	-----	6	F	L	.0	163.3 EL	81.5 R	11- 7-32	----	N	Al-22
940-211-1	SW¼SW¼ sec. 26, T. 9 S., R. 21 E.	John R. Pons	John R. Pons	55	55	1¼	SA	TC	.0	105 T	20 R	11- -58	----	D	
940-211-2	SW¼NW¼ sec. 26, T. 9 S., R. 21 E.	R. F. Nesler	Gainesville Equipment Co.	189	112	4	F	TC	1.0	100 T	27 R	10-19-59	----	S	
940-214-1	NW¼NW¼ sec. 32, T. 9 S., R. 21 E.	Thompson	----------	38	-----	1½	SA	TT	1.1	----------	6.24	5-15-58	----	N	
940-214-2	NW¼NW¼ sec. 32, T. 9 S., R. 21 E.	Mrs. Muller	Gainesville Equipment Co.	70	46	4	SA	L	.0	75.2 EL	7 R	12-11-54	----	D	CF
940-217-1	SW¼NE¼ sec., 34 T. 9 S., R. 20 E.	Florida Farm Colony	Duval Drilling Co.	368	205	10	F	TC	.5	170.3 EL	117 R	10- -51	72	P	CF
940-217-2	-------do-------	-------do------	Gray Well and Pump Co.	350	-----	10	F	----	-------	170 T	--------	--------	72.5	P	
940-218-1	SW¼NW¼ sec. 34, T. 9 S., R. 20 E.	R. T. Culpepper	Acme Drilling Co.	130	73	4	SA	TC	.4	172.3 EL	10.24	3-26-58	73	P	CF
940-218-2	SE¼NW¼ sec. 34, T. 9 S., R. 20 E.	Orange State Oil Co.	Gainesville Equipment Co.	360	-----	4	F	TC	.5	175.1 EL	128.58	2-25-58	----	N	CF
940-218-3	-------do-------	-------do------	-------do------	200	-----	3	F	----	-------	175.1 EL	--------	--------	----	N	
940-218-4	SW¼NE¼ sec. 28, T. 9 S., R. 20 E.	S. M. Wall	-------do------	185	180	4	F	L	.0	170.58 EL	130 R	10-30-54	----	D	CF

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
940-218-5	SE¼SE¼ sec. 28, T. 9 S., R. 20 E.	Moose Lodge	J. J. Hare	180	-----	4	F	TC	0.8	173.66 EL	125.45 124.28	3-13-58 4-29-58	----	N	Ds, CF
940-218-6	NE¼NW¼ sec. 33, T. 9 S., R. 20 E.	Oscar Servin	Gainesville Equipment Co.	60	48	4	SA	TC	.2	183.31 EL	6.1	5-14-58	73	D	
940-219-1	NE¼SE¼ sec. 29, T. 9 S., R. 20 E.	Florida Chemical Industries	-------do------	199	105	4	F	L	.0	177.15 EL	85 R	8-27-54	----	Id	CF
940-219-2	SW¼SW¼ sec. 28, T. 9 S., R. 20 E.	Cabot Carbon Co.	Gray Well and Pump Co.	442	442	8	F	TPB	.5	173 T	127 R	1932	73.5	Id	A1-11
940-219-3	SE¼SE¼ sec. 29, T. 9 S., R. 20 E.	Koppers Co.	R. M. Parry	390	245	10	F	TPB	1.0	175 T	130 R	--------	73	Id	A1-10
940-219-4	-------do-------	-------do------	----------	66	-----	2	SA	TC	2.08	----------	50.07	4-11-58	----	N	
940-220-1	NE¼SW¼ sec. 29, T. 9 S., R. 20 E.	Suburbia Theatres Inc.	Acme Drilling Co.	68	59	4	SA	L	.0	187.73 EL	15 R	9-18-51	----	F	CF
940-220-2	NW¼SW¼ sec. 29, T. 9 S., R. 20 E.	-------do------	-------do------	60	48	4	SA	TC	.7	181.45 EL	10.14	3-26-58	----	P	CF
940-221-1	NE¼SE¼ sec. 25, T. 9 S., R. 19 E.	Annis Properties	Gainesville Equipment Co.	330	175	6	F	TC	1	170 T	124.37	7-28-58	72.4	P	
940-221-2	-------do-------	-------do------	-------do------	314	167	6	F	TC	.5	170 T	124.21	7-28-58	73.6	P	
940-224-1	NE¼NW¼ sec. 33, T. 9 S., R. 19 E.	Pierre Bejano	-------do------	172	-----	4	F	L	.0	105.33 EL	57.98	5- 7-58	----	D	
940-228-1	SW¼NE¼ sec. 35, T. 9 S., R. 18 E.	Sam Wahl's Construction Co.	----------	50	-----	----	F	TSR	-36.0	47.50 EL	1.55	8-13-58	----	---	RQ
941-205-1	NE¼SW¼ sec. 22, T. 9 S., R. 22 E.	Frank Starke	Sam Jordan	78	-----	2	SA	TC	.0	135 T	15 R	9- -58	----	D	
941-207-1	SE¼NW¼ sec. 20, T. 9 S., R. 22 E.	Joseph C. Oberry	Ernest McGollie	149	111	2	F	----	-------	140 T	--------	--------	----	D	
941-210-1	SW¼SE¼ sec. 23, T. 9 S., R. 21 E.	Albert Pons	Albert Pons	65	65	1¼	W	TC	.5	----------	10 R	11- -47	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
941-211-1	NE¼SE¼ sec. 22, T. 9 S., R. 21 E.	J. E. Wooten	Acme Drilling Co.	-----	-----	4	F	TC	0.6	88.5 EL	12.47	6- 3-58	----	S	CF
941-211-2	NW¼NW¼ sec. 26, T. 9 S., R. 21 E.	W. D. Townsend	W. D. Townsend	35	35	1¼	W	TD	1.80	90 T	+3.55	9-22-59	70.2	D	
941-212-1	NW¼NW¼ sec. 27, T. 9 S., R. 21 E.	Coastal Petroleum Co.	Gray Well and Pump Co.	450	447	10	F	----	-------	----------	--------	--------	----	OT	
941-212-2	-------do-------	-------do------	-------do------	662	400	12	F	----	-------	----------	--------	--------	----	OT	
941-212-3	-------do-------	-------do------	-------do------	75	-----	10	F	TC	.8	80.5 EL	7	11-15-57	----	OT	
941-216-1	SW¼NE¼ sec. 23, T. 9 S., R. 20 E.	City of Gainesville	Central Florida Well Drillers	447	127	----	F	TC	1.35	144.35 EL	83.30	11-21-57	----	N	CF
941-220-1	SE¼NW¼ sec. 29, T. 9 S., R. 20 E.	Harold Collins	Acme Drilling Co.	195	121	4	F	L	.0	175.16 EL	121 R	2-10-58	----	N	CF, Wf
941-220-2	SE¼SE¼ sec. 19, T. 9 S., R. 20 E.	Francis Johnson	Gainesville Equipment Co.	75	65	4	SA	TC	.5	167.41 EL	18.7	7- 2-58	----	D	
941-222-1	SW¼SE¼ sec. 23, T. 9 S., R. 19 E.	O. S. Briggs	J. J. Hare	163	110	4	F	----	-------	----------	125 R	--------	----	D	CF
941-222-2	NW¼NE¼ sec. 26, T. 9 S., R. 19 E.	J. Johnstone	Gainesville Equipment Co.	180	105	4	F	TC	.0	167.46 EL	121.09	10-22-58	72.1	D	
941-224-1	SE¼SW¼ sec. 22, T. 9 S., R. 19 E.	E. S. Ford	-------do------	170	99	4	F	L	.0	155.19 EL	125 R	3-21-55	----	D	
941-229-1	NE¼NW¼ sec. 26, T. 9 S., R. 18 E.	Mrs. G. W. Fletcher	-------do------	264	93	8	F	TC	.33	192.2 EL	147.03	4-23-58	----	Ir	
941-234-1	SE¼SE¼ sec. 23, T. 9 S., R. 17 E.	Mrs. Cleary	U.S. Geological Survey	7	5	1¼	F	TC	-45	----------	.78	1-28-58	55	O	RQ
942-203-1	SE¼NE¼ sec. 13 T. 9 S., R. 22 E.	H. Walquist	Noble	111	105	4	SA	TC	.5	---------	49.07	3-15-56	----	D	WP

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
942-203-2	NW¼SW¼ sec. 13, T. 9 S., R. 22 E.	J. J. Seykora, Jr.	----------	17	-----	4	W	TC	0.3	----------	3.27	7-24-59	----	N	
942-203-3	-------do-------	-------do------	----------	10	-----	1½	W	TC	2.8	----------	4.93	7-24-59	----	N	
942-203-4	NE¼SE¼ sec. 13, T. 9 S., R. 22 E.	Mrs. Harry Jackson	Brewer	365	-----	4	F	L	.0	----------	56 R	7-28-59	----	N	WP
942-203-5	SE¼NE¼ sec. 13, T. 9 S., R. 22 E.	H. C. Segur	H. L. Ownbey	136	-----	2	F	TC	.5	----------	56.27	7-29-59	----	D, Ir	
942-203-6	-------do-------	J. O. Dann	-------do------	154	110	2	F	L	.0	140 T	67 R	2- 3-56	----	D, Ir	
942-206-1	NE¼NW¼ sec. 16, T. 9 S., R. 22 E.	Carl Zillman	Sam Jordan	60	60	3	SA	TC	.0	170 T	15 R	1956	----	D	
942-207-1	SE¼NE¼ sec. 17, T. 9 S., R. 22 E.	U.S. Geological Survey	U.S. Soil Conservation Service	24	24	1¼	W	TC	2.4	152 T	16.67	3-21-59	----	O	CF
942-210-1	SE¼SW¼ sec. 13, T. 9 S., R. 21 E.	Pearl Adcock	Sam Jordan	82	-----	2	SA	----	-------	120 T	--------	--------	----	D	
942-216-1	NE¼NE¼ sec. 23, T. 9 S., R. 19 E.	City of Gainesville	Layne-Atlantic Co.	447	175	10	T	TC	.0	153.20 EL	90.93	12-16-58	----	N	CF
942-216-2	NW¼SW¼ sec. 13, T. 9 S., R. 20 E.	Sperry Rand Corp.	Central Florida Well Drillers	350	160	12	F	TPB	2.7	150 T	90.04	7-31-58	73	Id	
942-216-3	-------do-------	-------do------	----------	522	153	20	F	TPB	1.0	153.05 EL	91.10	7-30-58	----	F	
942-221-1	NW¼NW¼ sec. 18, T. 9 S., R. 20 E.	U.S. Geological Survey	U.S. Geological Survey	13	10	1¼	W	TC	2.0	----------	2.95	4- 2-59	70.2	O	
942-227-1	NE¼NW¼ sec. 19, T. 9 S., R. 19 E.	E. M. Beville, Jr.	Libby and Freeman	330	97	11	F	L	.0	----------	125 R	8-29-55	----	Ir	CF
943-204-1	SE¼SW¼ sec. 11, T. 9 S., R. 22 E.	G. S. Price	Sam Jordan	160	-----	2	F	L	.0	----------	70 R	--------	----	D, Ir	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
943-207-1	NE¼SW¼ sec. 8, T. 9 S., R. 22 E.	H. B. Brown	Acme Drilling Co.	150	95	4	F	L	0.0	171.0 EL	81 R	7-19-49	72.5	D, S, Id	CF
943-208-1	NW¼SE¼ sec. 7, T. 9 S., R. 22 E.	F. J. Simmons	San Jordan	79	70	2	SA	TC	.5	----------	52 R	1949	----	D	
943-215-1	NW¼SE¼ sec. 12, T. 9 S., R. 20 E.	U.S. Geological Survey	U.S. Geological Survey	18	15	1¼	W	TC	3.5	----------	4.19	4- 7-59	69	O	
943-215-2	SE¼NE¼ sec. 12, T. 9 S., R. 20 E.	C. V. Mize	Gainesville Equipment Co.	270	195	4	F	L	.0	165.51 EL	97 R	6-26-54	----	D	
943-221-1	NW¼SW¼ sec. 7, T. 9 S., R. 20 E.	Owen-Illinois Glass Co.	--------do------	230	121	4	F	L	.0	190.94 EL	142 R	7-14-54	----	D	CF
943-231-1	SE¼NE¼ sec. 7, T. 9 S., R. 18 E.	T. E. Cleary	----------	207	103	8	F	TPB	.55	----------	53.14	6- 2-58	----	Ir	
944-205-1	SE¼SE¼ sec. 33, T. 8 S., R. 22 E.	R.L.S. Shipman	----------	58	-----	1¼	SA	TC	2.0	130 T	10 R	9- -55	----	F	
944-206-1	SW¼SE¼ sec. 33, T. 8 S., R. 22 E.	V. Akers	----------	60	40	3	SA	TC	2.0	182 T	50 R	1954	----	D	
944-219-1	NE¼SE¼ sec. 31, T. 8 S., R. 20 E.	Owen-Illinois Glass Co.	Libby and Freeman	802	-----	16	F	----	-------	176.9 EL	---------	---------	----	OT	CF, Da
944-222-1	SW¼SE¼ sec. 2, T. 9 S., R. 19 E.	A. G. Fabrick	Gainesville Equipment Co.	165	100	4	F	L	.0	188.75 EL	135 R	7-15-55	----	D	
945-205-1	SW¼SW¼ sec. 27, T. 8 S., R. 22 E.	U.S. Geological Survey	U.S. Soil Conservation Service	22	20	1¼	W	TC	.0	144.0 EL	4.76	6-27-58	68.8	O	CF
945-212-1	NW¼SE¼ sec. 33, T. 8 S., R. 21 E.	Univ. of Florida	Central Florida Well Drillers	448	195	6	F	L	.0	155.64 EL	73 R	1- 1-55	74.5	Ir	
945-237-1	NW¼NE¼ sec. 32, T. 8 S., R. 17 E.	Buda Mining Co.	----------	50	-----	----	F	TSR	-36.2	37.80 EL	3.09	8-12-58	----	---	RQ
946-206-1	SW¼SW¼ sec. 21, T. 8 S., R. 22 E.	Rod Reese	Gainesville Equipment Co.	152	141	4	F	TC	1.2	172.42 EL	87.6	6- 3-58	----	D, S	CF

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
946-206-2	NE¼SW¼ sec. 21, T. 8 S., R. 22 E.	George Rippey	Gainesville Equipment Co.	199	165	4	F	L	0.0	158.51 EL	85 R	11-20-54	----	D	CF
946-208-1	SW¼NE¼ sec. 30, T. 8 S., R. 22 E.	John G. Pitz	Sam Jordan	210	-----	2	F	L	.0	---------	60 R	--------	----	D, Ir	
946-210-1	SE¼SE¼ sec. 23, T. 8 S., R. 21 E.	Herman Russell	----------	60	60	1¼	SA	L	.0	150 T	20 R	--------	----	D	
946-211-1	NE¼NW¼ sec. 27, T. 8 S., R. 21 E.	U.S. Geological Survey	U.S. Geological Survey	18	15	1¼	W	TC	2.0	----------	5.75	4- 7-59	70	O	
946-218-1	SE¼NE¼ sec. 21, T. 8 S., R. 20 E.	Wilmar Thomas	Gainesville Equipment Co.	14	-----	24	W	TC	4.0	----------	7.58	5-15-58	----	N	
946-218-2	SW¼NE¼ sec. 21, T. 8 S., R. 20 E.	-------do------	-------do------	140	98	4	F	TC	.0	154.08 EL	88.79	5-15-58	----	D	
946-226-1	NE¼SW¼ sec. 20, T. 7 S., R. 19 E.	H. House	----------	17	17	4	W	TC	.9	156.57 EL	7.60	10-29-57	----	D	
946-226-2	NW¼SE¼ sec. 20, T. 7 S., R. 19 E.	General Electric Co.	M. Gray Co.	427	87	12	F	TC	2.44	152.47 EL	113.92	11-19-57	----	N	CF, E
946-228-1	SE¼SW¼ sec. 23, T. 8 S., R. 18 E.	R. H. Cato	Tide Water Assoc. Oil Co.	142	-----	8	F	TC	3.00	103.60 EL	64.86	5- 7-58	----	N	CF, E
947-210-1	SW¼SE¼ sec. 14, T. 8 S., R. 21 E.	City of Waldo	Acme Drilling Co.	255	175	6	F	L	.0	157.12 EL	80.89	6- 3-57	----	P	CF
947-210-2	SW¼NE¼ sec. 23, T. 8 S., R. 21 E.	A. D. Martin	Gainesville Equipment Co.	60	43	3	SA	TC	.3	154.48 EL	9.18	4-16-58	----	D	CF
947-210-3	NW¼NE¼ sec. 23, T. 8 S., R. 21 E.	City of Waldo	----------	6	6	2	W	TT	1.0	157 T	Dry	5-14-58	----	N	
947-210-4	-------do-------	-------do------	----------	3	3	1½	W	TCo	1.0	157 T	Dry	5-14-58	----	N	
947-210-5	-------do-------	-------do------	----------	5	5	1½	W	TB	1.0	157 T	Dry	5-14-58	----	N	
947-210-6	NE¼NE¼ sec. 23, T. 8 S., R. 21 E.	City Products Corp.	Gray Well and Pump Co.	39	-----	3	W	TPB	.65	155 T	9.04	4-13-58	----	N	A1-9

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
947-210-7	NE¼SE¼ sec. 15, T. 8 S., R. 21 E.	E. T. Powell	----------	60	-----	2	SA	----	-------	----------	-------	-------	----	D, Ir	
947-225-1	NW¼SE¼ sec. 17, T. 8 S., R. 19 E.	S. B. Cullen	J. J. Hare	134	65	4	F	----	-------	145.05 EL	-------	-------	----	D	CF
947-229-1	SE¼SE¼ sec. 15, T. 8 S., R. 18 E.	Town of Alachua	J. B. McCreary	378	-----	8	F	TCb	1.0	76 T	36 R	-------	73.5	P	Al-3
947-229-2	SE¼NW¼ sec. 14, T. 8 S., R. 18 E.	-------do------	Gray Well and Pump Co.	363	100	10	F	L	.0	----------	34 R	1949	74.0	P	
947-229-3	SW¼SW¼ sec. 14, T. 8 S., R. 18 E.	Copeland Sausage Co.	----------	-----	-----	----	F	----	-------	----------	-------	-------	----	Id	
947-229-4	-------do-------	-------do------	Albert H. Miller	260	214	12	F	TC	1.2	85 T	43.93	12- 6-57	----	Id	
948-210-1	SW¼NE¼ sec. 11, T. 8 S., R. 21 E.	B. C. Riley	J. W. Coleman	116	-----	4	SA	TT	2	156 T	5.5	4-19-34	----	N	WE, Al-8
948-223-1	SW¼NE¼ sec. 11, T. 8 S., R. 19 E.	Mrs. Maxey Chesser	C. L. Arter	400	-----	8	F	----	-------	116 T	-------	-------	----	Ir	
948-229-1	SW¼NW¼ sec. 11, T. 8 S., R. 18 E.	U.S. Geological Survey	U.S. Geological Survey	13	10	1¼	W	TC	2.0	----------	6.75	4-20-59	----	O	
948-231-1	NW¼SW¼ sec. 9, T. 8 S., R. 18 E.	Alachua County Board of Public Instruction	Acme Drilling Co.	238	-----	----	F	----	-------	92.47 EL	-------	-------	----	P	CF
948-231-2	NW¼NE¼ sec. 9, T. 8 S., R. 17 E.	A. P. Spencer	J. Wilhoit	129	109	4	F	L	.0	98.71 EL	63.6	1-20-58	----	S	CF
949-208-1	SW¼NE¼ sec. 6, T. 8 S., R. 22 E.	O. B. Hicks, Jr.	Ernest McGollie	67	40	2	SA	L	.0	----------	12 R	3- -58	----	D, S, Ir	
949-211-1	NE¼NW¼ sec. 3, T. 8 S., R. 21 E.	Mrs. Annie Ward	----------	40	-----	2	W	----	-------	----------	-------	-------	----	D, Ir	
949-214-1	NW¼SE¼ sec. 6, T. 8 S., R. 21 E.	Mrs. Elizabeth Brown	----------	18	-----	30	W	L	.0	----------	3.5	12- 2-59	----	D, S	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
949-219-1	sec. 5, T. 8 S., R. 20 E.	F. S. Lagassee	U.S. Soil Conservation Service	-----	-----	----	W(?)	----	--------	----------	---------	--------	----	---	A
949-225-1	NW¼SE¼ sec. 33, T. 7 S., R. 19 E.	Henry Raatama	Penrod Drilling Co.	3,219	1,673	16	---	----	-------	157.6 EL	---------	--------	----	OT	E
949-235-1	NE¼NE¼ sec. 3, T. 8 S., R. 17 E.	City of High Springs	----------	75	-----	6	F	TDC	-2.0	64.70 EL	30.47	10-24-57	----	Dr	
949-235-2	SE¼NE¼ sec. 3, T. 8 S., R. 17 E.	-------do------	----------	300	250	----	F	TPB	1.0	----------	38.34	6-30-60	72	P	
949-235-3	-------do-------	-------do------	Stevens-Southern Co.	243	238	12	F	TC	2.0	----------	37 R	6-30-60	72	P	CF
949-236-1	SE¼SW¼ sec. 34, T. 7 S., R. 17 E.	Atlantic Coast Line Railroad	----------	250	90	8	F	TC	-25	43.10 EL	9.73	2-14-58	74	RR	A1-1
949-236-2	NE¼NW¼ sec. 34, T. 7 S., R. 17 E.	Atlantic Ice Co.	----------	300	-----	10	F	TC	1.0	74 T	42.5 R	7-16-57	----	Id	
949-239-1	SW¼SW¼ sec. 6, T. 8 S., R. 17 E.	U.S. Corps of Engineers	U.S. Corps of Engineers	81	-----	----	F	L	.0	32.7 EL	25.3 R	6- 2-32	----	---	A
950-210-1	SW¼SE¼ sec. 35, T. 7 S., R. 21 E.	Jack Eddy	Sam Jordan	65	-----	2	SA	----	-------	----------	---------	--------	----	D, Ir	
950-213-2	NE¼SE¼ sec. 31, T. 7 S., R. 21 E.	W. H. Eddy	-------do------	-----	-----	2	W	----	-------	----------	---------	--------	----	D, S, Ir	
950-220-1	NE¼SW¼ sec. 30, T. 7 S., R. 20 E.	Greater Bell Methodist Church	----------	18	15	1¼	W	TCo	2.0	----------	3.22	2-12-59	66	P	
950-224-1	NW¼SW¼ sec. 27, T. 7 S., R. 19 E.	R. O. Cellon	Gray Well and Pump Co.	223	204	10	F	L	.0	143.46 EL	99 R	3- 8-40	----	Id	CF
950-229-1	G. Atkinson Land Grant, T. 7 S., R. 18 E.	J. S. Wershow	U.S. Soil Conservation Service	-----	-----	----	W	----	-------	----------	---------	--------	----	---	A
950-235-1	SE¼SE¼ sec. 34, T. 7 S., R. 17 E.	Mrs. Pearl Carraway	----------	148	-----	2	F	TC	.5	67.32 EL	32.18	3-12-58	----	N	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
950-236-1	NE¼SW¼ sec. 34, T. 7 S., R. 17 E.	T. R. Barber	J. J. Hare	70	-----	4	F	TC	0.3	----------	39 R	1954	----	Ir	
950-236-2	-------do-------	Newell	Acme Drilling Co.	85	58	4	F	TC	.6	67.14 EL	33.55 32.10	8- 1-57 4- 3-58	----	N	
950-236-3	NE¼SE¼ sec. 28, T. 7 S., R. 17 E.	J. H. Winters	J. Sathimas	72	-----	2	F	TC	1.2	----------	26 R	--------	----	D	
951-224-1	NW¼NW¼ sec. 27, T. 7 S., R. 19 E.	U.S. Geological Survey	U.S. Geological Survey	18	15	1¼	W	TC	2.0	----------	2.87	4- 2-59	69	O	
951-224-2	-------do-------	Florida Forest Service	Acme Drilling Co.	175	144	4	F	TC	.13	136.68 EL	91.76	3-11-58	----	D	CF
951-225-1	SE¼SE¼ sec. 20, T. 7 S., R. 20 E.	Lacy Doak	Libby and Freeman	350	119	10	F	L	.0	149.8 EL	100 R	2- -55	----	Ir	CF
951-234-1	SW¼NW¼ sec. 25, T. 7 S., R. 17 E.	Florida State Road Department	----------	-----	-----	2	F	TC	-40	33.57 EL	+.23	2-14-58	69.5	O	S
951-235-1	NE¼SE¼ sec. 27, T. 7 S., R. 17 E.	Seventh-Day Adventist Church	J. Wilhoit	225	43	4	F	TC	.5	----------	14.64	6-27-57	75	D	
951-235-2	-------do-------	-------do------	-------do------	235	42	6	F	TC	1.2	----------	14.70 19.81	6-26-57 4- 3-58	72	F	
952-232-1	Land Grant, T. 7 S., R. 18 E.	B. D. Traxler	J. J. Hare	171	-----	4	F	----	-------	159.91 EL	--------	--------	----	D	
953-228-1	SE¼NW¼ sec. 13, T. 7 S., R. 18 E.	Joe Imley	Libby and Freeman	230	-----	8	F	L	.0	172.75 EL	132 R	7- -55	71.5	Ir	CF
953-228-2	NE¼SW¼ sec. 11, T. 7 S., R. 18 E.	Santa Fe River Ranch	Acme Drilling Co.	-----	-----	8	F(?)	TPB	.5	----------	128	12- 5-57	----	Ir	
953-231-1	SW¼NE¼ sec. 8, T. 7 S., R. 18 E.	V. T. Olligood	J. Wilhoit	171	78	4	F	TC	.4	----------	126	12- 5-57	----	D	CF
954-227-1	SE¼SE¼ sec. 1, T. 7 S., R. 18 E.	J. L. Dupree	Acme Drilling Co.	165	-----	4	F	L	.0	154.98 EL	120 R	--------	----	Id	CF

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
954-228-1	SE¼SE¼ sec. 1, T. 7 S., R. 18 E.	Santa Fe River Ranch	Acme Drilling Co.	156	-----	4	F	----	-------	----------	112 R	--------	----	D	
954-230-1	SE¼SW¼ sec. 3, T. 7 S., R. 18 E.	Shelton Swilley	-------do------	162	-----	4	F	TC	.5	151.6 El	121.0	12- 5-57	----	D	
955-228-1	SE¼SW¼ sec. 36, T. 6 S., R. 18 E.	Santa Fe River Ranch	Acme Drilling Co.	110	-----	4	F	----	-------	----------	60 R	--------	----	S	
955-228-2	NE¼SW¼ sec. 35, T. 6 S., R. 18 E.	-------do------	-------do------	156	-----	4	F	----	-------	----------	112 R	--------	72	Ir	
955-228-3	NW¼SW¼ sec. 36, T. 6 S., R. 18 E.	-------do------	-------do------	166	-----	4	F	----	-------	----------	110 R	1955	----	D	
955-228-4	-------do-------	-------do-------	-------do-------	145	-----	4	F	----	-------	----------	108 R	--------	----	D	
								Bradford County							
944-203-1	SE¼NW¼ sec. 1, T. 9 S., R. 22 E.	B. M. Barnhill	H. L. Ownbey	160	134	2	F	L	0.0	----------	62 R	3- -55	----	D, Ir	
945-203-1	SW¼SE¼ sec. 25, T. 8 S., R. 22 E.	U.S. Geological Survey	U.S. Soil Conservation Service	22	20	1¼	W	TC	3.0	128.48 EL	12.70	6-25-58	----	O	CF
945-203-2	SE¼NW¼ sec. 36, T. 8 S., R. 22 E.	-------do------	-------do------	27	25	1¼	W	TC	1.0	143.63 EL	16.50	6-25-58	----	O	CF
945-203-3	SE¼NE¼ sec. 35, T. 8 S., R. 22 E.	-------do------	-------do------	52	50	1¼	W	TC	1.80	155.42 EL	25.46	6-27-58	----	O	CF
945-203-4	-------do-------	-------do-------	-------do-------	32	30	1¼	W	TC	.0	153.55 EL	23.49	6-23-58	----	O	CF
945-203-5	SE¼NW¼ sec. 36, T. 8 S., R. 22 E.	Covenant Presbyterian Church	H. L. Ownbey	186	141	2	F	L	.0	----------	62.07	3-30-60	----	P	
945-204-1	NE¼NW¼ sec. 35, T. 8 S., R. 22 E.	Mickey Gaunt	R. Mathews	83	-----	2	SA	TC	.64	----------	12.19	8- 5-59	----	N	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
945-204-2	NW¼NE¼ sec. 35, T. 8 S., R. 22 E.	L. L. Thompson	----------	23	-----	1¼	W	TC	1.90	----------	10.98	10-27-59	----	N	
945-204-3	NE¼NW¼ sec. 35, T. 8 S., R. 22 E.	Jack Miller	Jack Miller	30	-----	2	W	TCo	1.80	----------	2.44	10-26-59	----	N	
945-204-4	NE¼NE¼ sec. 34, T. 8 S., R. 22 E.	----------	----------	85	52	2	SA	TC	.4	----------	19.61 19.43	10-26-59 10-27-59	----	N	
945-204-5	SE¼SE¼ sec. 27, T. 8 S., R. 22 E.	C. D. Glover	Dan Eubanks	98	64	2	SA	TC	.3	147 T	20 R	10-29-59	----	D, Ir	
945-205-2	NW¼NE¼ sec. 34, T. 8 S., R. 22 E.	Leo Hill	H. L. Ownbey	154	147	2	F	L	.0	144 T	59 R	7-31-59	----	D, Ir	
945-205-3	SW¼SE¼ sec. 27, T. 8 S., R. 22 E.	Loren O. Martin	-------do------	84	-----	2	SA	L	.0	----------	12 R	5-22-53	----	D, Ir	
945-205-4	-------do-------	----------	----------	6	-----	2	?	TC	.8	----------	5.90	10-26-59	----	N	
945-205-5	NW¼NE¼ sec. 34, T. 8 S., R. 22 E.	----------	----------	26	26	2	W	TC	1.80	145 T	13.9	10-29-59	----	N	WP
946-202-5	NE¼NE¼ sec. 25, T. 8 S., R. 22 E.	Dr. D. Christoffers	H. L. Ownbey	46	42	2	W	L	.0	115 T	16 R	6-11-56	----	D, Ir	
946-202-6	NE¼SE¼ sec. 24, T. 8 S., R. 22 E.	Keystone Club Estates	Gray Well and Pump Co.	400	250	10	F	TC	1.2	157.91 EL	69.41	7-27-59	----	P	
946-202-7	SE¼NE¼ sec. 25, T. 8 S., R. 22 E.	Key Sargent	-------do------	160	154	2	F	L	.0	115 T	30 R	7- 3-57	----	D, Ir	
946-204-1	SE¼SE¼ sec. 22, T. 8 S., R. 22 E.	W. H. Rees	Roy Jordan	94	84	2	SA	TC	1.5	----------	24 R	10-29-59	----	D, Ir	
947-202-4	SE¼SE¼ sec. 13, T. 8 S., R. 22 E.	----------	----------	71	-----	2	SA	TT	.8	145 T	54.31	10-27-58	----	N	
947-202-7	-------do-------	----------	----------	31	-----	2	W	TC	.7	153 A	29.65	10-23-59	----	N	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
947-203-1	SE¼SW¼ sec. 13, T. 8 S., R. 22 E.	T. E. Garner	H. L. Ownbey	186	161	2	F	L	0.0	150 T	74 R	8-27-58	----	D, Ir	
947-203-2	SE¼NW¼ sec. 13, T. 8 S., R. 22 E.	Robert Dodd	Robert Dodd	25	-----	4	W	TC	3.4	125 T	11.44	10-27-59	----	N	
947-203-3	-------do-------	Dr. Bollinger	----------	29	-----	1½	W	TC	.8	125 T	14.45	10-27-59	----	N	
947-203-4	NW¼SW¼ sec. 13, T. 8 S., R. 22 E.	J. A. Walker	----------	21	-----	2	W	TC	6.0	----------	22.03	10-28-59	----	N	
948-203-1	NE¼NW¼ sec. 13, T. 8 S., R. 22 E.	U.S. Geological Survey	U.S. Soil Conservation Service	40	38	1½	W	TC	1.6	131 T	28.7	4- 7-59	----	O	CF
948-203-2	NE¼NW¼ sec. 13, T. 8 S., R. 23 E.	T. M. Huffman	H. L. Ownbey	173	167	2	F	L	.0	119 T	37 R	5-31-56	----	D, Ir	
948-203-3	NW¼NE¼ sec. 13, T. 8 S., R. 22 E.	Johnny Gohagen	----------	28	-----	1½	W	TC	1.8	135 T	24.08	10-28-59	----	N	
948-203-4	-------do-------	William Lewis	H. L. Ownbey	126	106	2	SA	L	.0	----------	40 R	3- -59	----	D	
948-203-5	SE¼SW¼ sec. 12, T. 8 S., R. 22 E.	Salvation Army	----------	57	57	2	W	TF	.8	130 T	19.55	11- 4-59	----	N	
948-203-6	NW¼SW¼ sec. 12, T. 8 S., R. 22 E.	Alfred Underwood	----------	14	-----	2	W	TR	.8	145 T	7.45	11- 4-59	----	N	
948-203-7	SE¼NW¼ sec. 13, T. 8 S., R. 22 E.	Robert Dodd	Robert Dodd	52	-----	3	W	TC	7.9	135 T	26.14	10-27-59	----	N	
949-203-1	NW¼NW¼ sec. 12, T. 8 S., R. 22 E.	Irvin Triest	H. L. Ownbey	174	152	2	SA	L	.0	----------	83 R	--------	----	D, Ir	
949-204-1	NW¼SE¼ sec. 2, T. 8 S., R. 22 E.	Clyde Hersey	Sam Jordan	128	100	2	SA	L	.0	----------	76 R	8- -55	----	D, Ir, S	
950-203-1	SE¼NE¼ sec. 35, T. 7 S., R. 22 E.	U.S. Geological Survey	U.S. Soil Conservation Service	28	26	1½	W	TC	1.8	173 T	5.80	4- 6-59	----	O	CF
950-203-2	-------do-------	D. L. Raley	D. L. Raley	18	-----	1½	W	L	.0	---------	10 R	12-24-59	----	D, Ir	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
950-204-1	SW¼SE¼ sec. 35, T. 7 S., R. 22 E.	J A. Gnann	Sam Jordan	74	54	2	SA	L	0.0	160 T	21 R	--------	----	D, Ir	
950-213-1	NW¼NE¼ sec. 32, T. 7 S., R. 21 E.	U.S. Geological Survey	Albert H. Miller	207	172	4	F	TP	2.00	142 A	70.15	7- 7-59	----	O	CF, E
951-206-1	SW¼NW¼ sec. 28, T. 7 S., R. 22 E.	R. O. Simmons	----------	64	-----	2	SA	TP	1.0	160 T	40 R	3- -59	----	D	
951-206-2	NW¼SW¼ sec. 28, T. 7 S., R. 22 E.	A. H. Perry	J. McQuary	70	40	2	SA	TC	1.0	160 T	18 R	1954	----	D	
951-208-1	NW¼NE¼ sec. 30, T. 7 S., R. 22 E.	Georgia Southern and Florida Railroad Co.	W. R. McGrew	228	105	6	F	TC	.5	145 T	69.32	5-19-59	----	N	CF
951-209-1	SE¼NW¼ sec. 25, T. 7 S., R. 21 E.	J. J. Brannen	Sam Jordan	70	50	2	SA	L	.0	----------	18 R	1956	----	D, Ir, S	
951-209-2	-------do-------	-------do-------	J. J. Brannen	25	-----	1	W	TV	1.6	----------	8.56	12- 1-59	----	N	
951-213-1	NW¼NE¼ sec. 29, T. 7 S., R. 21 E.	G. W. Rivers	Chancey	11	-----	2	W	TC	1.8	----------	5.42	11-27-59	----	N	
951-214-1	NW¼NE¼ sec. 30, T. 7 S., R. 21 E.	U.S. Geological Survey	U.S. Soil Conservation Service	27	23	1¼	W	TC	1.6	----------	5.70	4- 7-59	----	O	CF
951-214-2	NE¼NW¼ sec. 30, T. 7 S., R. 21 E.	F. B. Davis	F. B. Davis	55	55	2	SA	TC	5.75	----------	10.56	11-27-59	----	N	
952-204-1	SE¼SE¼ sec. 15, T. 7 S., R. 22 E.	U.S. Geological Survey	Albert H. Miller	284	234	4	F	TP	2.68	177 A	86.26	11-12-59	----	O	CF
952-206-1	SW¼SE¼ sec. 16, T. 7 S., R. 22 E.	Lawerence Meng	----------	90	-----	2	SA	L	.0	----------	15 R	--------	----	N	
952-209-1	SE¼NE¼ sec. 24, T. 7 S., R. 21 E.	B. T. Thomas Lumber Co.	Acme Drilling Co.	89	-----	6	SA	L	.0	----------	12 R	--------	----	Id	
952-209-2	NE¼NE¼ sec. 24, T. 7 S., R. 21 E.	L. H. Outlaw	J. Magaryi	93	-----	2	SA	L	.0	----------	17 R	1953	----	D, Ir	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F.)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
952-210-1	SE¼NW¼ sec. 23, T. 7 S., R. 21 E.	E. Meyer	----------	13	-----	36	W	TCb	2.7	----------	7.78	11-30-59	----	N	
952-210-2	SW¼NE¼ sec. 23, T. 7 S., R. 21 E.	P. K. Bowers	----------	66	-----	1½	SA	TC	1.00	----------	22.97	11-30-59	----	N	
952-212-1	NW¼SE¼ sec. 21, T. 7 S., R. 21 E.	A. E. Broughton	Dyal	64	48	2	SA	L	.0	----------	18 R	1951	----	D	
952-212-2	NE¼NW¼ sec. 21, T. 7 S., R. 21 E.	J. A. J. McKinney	J. A. J. McKinney	48	-----	1¼	W	TC	1.9	----------	6 R	--------	----	D, Ir, S	
953-204-1	NW¼SW¼ sec. 11, T. 7 S., R. 22 E.	Eugene Griffis	A. Magaryi	85	63	2	SA	L	.0	----------	29 R	--------	----	D, IR, S	
953-205-1	SE¼NE¼ sec. 15, T. 7 S., R. 22 E.	U.S. Geological Survey	U.S. Soil Conservation Service	20	18	1¼	W	TC	1.8	175 T	11.13	4- 7-59	----	O	CF
953-208-1	SE¼SW¼ sec. 7, T. 7 S., R. 22 E.	Barry's Restaurant	J. Magaryi	95	60	2	SA	L	.0	----------	10 R	1950	----	D, P	
953-208-2	NE¼NW¼ sec. 18, T. 7 S., R. 22 E.	Rayonier Inc.	V. Forsythe	90	-----	2	SA	TCo	.0	----------	8.85	12- 3-59	----	N	
953-210-1	NW¼NE¼ sec. 14, T. 7 S., R. 21 E.	U.S. Geological Survey	U.S. Soil Conservation Service	25	23	1¼	W	TC	1.6	149 T	2.93	4- 7-59	----	O	CF
953-220-1	SE¼SW¼ sec. 8, T. 7 S., R. 20 E.	State Agri. Marketing Board	Belmany	486	120	8	F	TPB	1.0	124 A	51.32	5-20-59	72	Id	
953-220-2	-------do-------	-------do------	Acme Drilling Co	200	99	4	F	L	.0	124 T	52 R	1952	----	---	CF
954-204-1	SW¼SW¼ sec. 2, T. 7 S., R. 22 E.	Luther Griffis	A. Magaryi	58	68	2	SA	TC	.25	----------	28.75	12-23-59	----	N	
954-205-1	SW¼NW¼ sec. 3, T. 7 S., R. 22 E.	W. E. Lawson	Sam Jordan	70	70	2	SA	L	.0	----------	29 R	1952	----	D, Ir	
954-208-1	NW¼NE¼ sec. 7, T. 7 S., R. 22 E.	Crescent Motel Court	J. Magaryi	80	-----	2	SA	L	.0	----------	12 R	--------	----	D, Ir	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing			Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
954-209-1	SE¼NE¼ sec. 12, T. 7 S., R. 21 E.	Henry Tomlinson	V. Griffis	60	-----	1¼	W	L	0.0	----------	12 R	1947	----	D, Ir	
954-210-1	NE¼NW¼ sec. 11, T. 7 S., R. 21 E.	J. L. Wynn	J. Magaryi	90	-----	2	SA	L	.0	150 T	8 R	--------	----	D, Ir, S	
954-212-1	SE¼NW¼ sec. 4, T. 7 S., R. 21 E.	E. D. Jones	----------	72	-----	1¼	W	L	.0	----------	12 R	--------	----	D, Ir, S	
955-204-1	SW¼SW¼ sec. 35, T. 6 S., R. 22 E.	Inez Gray	Floyd Stewart	75	-----	2	SA	L	.0	----------	30 R	--------	----	D, Ir	
955-206-1	SE¼SE¼ sec. 33, T. 6 S., R. 22 E.	R. S. Mullins	A. Magaryi	100	60	2	SA	L	.0	----------	27 R	1955	----	D, Ir	
955-206-2	SE¼NE¼ sec. 32, T. 6 S., R. 22 E.	W. A. Stearns	J. Magaryi	70	58	2	SA	L	.0	----------	15 R	10- -58	----	D, Ir	
955-219-1	NE¼SW¼ sec. 32, T. 6 S., R. 20 E.	Houston Texas Gas and Oil Co.	Layne-Atlantic Co.	175	117	10	F	TC	.9	141 A	78.91	3-11-60	----	D, Id	
956-205-1	NE¼NW¼ sec. 27, T. 6 S., R. 22 E.	U.S. Geological Survey	U.S. Soil Conservation Service	25	23	1¼	W	TC	2.8	165 T	16.83	4- 6-59	----	O	CF
956-206-1	NW¼SE¼ sec. 28, T. 6 S., R. 22 E.	City of Starks	Gray Well and Pump Co.	610	170	10	F	L	.0	166.56 EL	90 R	2- -42	----	P	CF
956-206-2	-------do-------	-------do-------	----------	529	500	5	F	TF	3.5	170 T	94.4 R	11- 7-34	----	N	B-1
956-206-3	-------do-------	-------do-------	Gray Well and Pump Co.	580	500	10	F	TPB	3.5	166 T	80 R	1928	72	N	B-2
956-206-4	-------do-------	-------do-------	----------	90	60	2	SA	L	.0	166 T	20 R	--------	72	N	B-3
956-206-5	-------do-------	-------do-------	----------	64	-----	6	SA	TC	.0	166 T	28.60	5- 5-58	----	N	
956-206-6	NW¼NW¼ sec. 28, T. 6 S., R. 22 E.	-------do-------	Stevens Southern Co.	503	278	10	F	TC	1	168.77 EL	94.19	7-28-42	73.5	P	CF, B-5
956-206-7	SW¼NW¼ sec. 28, T. 6 S., R. 22 E.	-------do-------	Gray Well and Pump Co.	607	280	18	F	TPB	.7	165 T	94.74	6-24-60	----	P	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
956-208-1	NW¼NW¼ sec. 30, T. 6 S., R. 22 E.	----------	----------	17	-----	1¼	W	TC	2.2	142 T	13.67	12-12-57	74	Ir	
956-208-2	SE¼NW¼ sec. 31, T. 6 S., R. 22 E.	----------	V. Griffis	86	-----	1¼	SA	L	.0	----------	18 R	--------	----	D, Ir, S	
956-210-1	SE¼SE¼ sec. 27, T. 6 S., R. 21 E.	Bradford County	Libby and Freeman	350	-----	10	F	----	-------	----------	--------	--------	----	Dr	
957-203-1	NE¼NE¼ sec. 23, T. 6 S., R. 22 E.	James Leech	J. Leech	80	66	2	SA	L	.0	----------	16 R	--------	----	N	
957-204-1	NW¼SE¼ sec. 23, T. 6 S., R. 22 E.	H. Stearns	H. Stearns	76	65	2	SA	L	.0	----------	15 R	-------	----	D, Ir	
957-206-1	NW¼NE¼ sec. 21, T. 6 S., R. 22 E.	Marvin Noegel	J. Magaryi	85	70	2	SA	L	.0	----------	32 R	8- -58	----	D, Ir	
957-207-1	SE¼SW¼ sec. 20, T. 6 S., R. 22 E.	Austin Smith	----------	20	-----	1¼	W	L	.0	----------	5 R	1958	----	D, Ir	
957-207-2	NE¼SE¼ sec. 20, T. 6 S., R. 22 E.	Inman Green	----------	60	44	----	SA	L	.0	----------	34 R	1952	----	D, Ir	
957-209-1	SW¼SE¼ sec. 24, T. 6 S., R. 21 E.	B. J. Starling	B. J. Starling	17	-----	1¼	W	L	.0	----------	.7 R	--------	----	D	
957-212-1	SE¼NW¼ sec. 21, T. 6 S., R. 21 E.	Clifford Browning	J. Magaryi	51	-----	2	W	----	-------	----------	--------	--------	----	D, S	
957-216-1	SE¼NW¼ sec. 23, T. 6 S., R. 20 E.	Mirler Kelly	Turnipseed	42	-----	1¼	W	L	.0	----------	10 R	--------	----	D, Ir, S	
958-207-1	NE¼NE¼ sec. 20, T. 6 S., R. 22 E.	Mrs. E. L. Cox	----------	75	-----	2	SA	L	.0	----------	30 R	1- -48	----	D, Ir	
958-209-1	NW¼NW¼ sec. 13, T. 6 S., R. 21 E.	A. C. Ellis	A. Magaryi	31	36	2	W	TCo	1.05	150 T	9.46	12-16-59	----	Ir	Wf
958-209-2	SW¼NW¼ sec. 13, T. 6 S., R. 21 E.	--------do--------	Roy Jordan	40	35	4	W	TC	1.05	150 T	6.66	12-16-59	----	Ir	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
958-210-1	SW¼NW¼ sec. 14, T. 6 S., R. 21 E.	Lee Richardson	J. Magaryi	69	64	2	SA	L	0.0	----------	4 R	8- -58	----	D, Ir	
958-210-2	NW¼SE¼ sec. 14, T. 6 S., R. 21 E.	W. C. Conner	W. C. Conner	20	-----	---	W	L	.0	----------	4 R	--------	----	D, Ir, S	
958-213-1	NE¼NE¼ sec. 18, T. 6 S., R. 21 E.	Florida Forest Service	J. Wilhoit	200	140	4	F	L	.0	154 T	9.04	10-28-58	----	D, Ir	
958-213-2	SE¼NW¼ sec. 17, T. 6 S., R. 21 E.	U.S. Geological Survey	U.S. Geological Survey	18	15	1¼	W	TC	2.0	----------	4.48	4- 2-59	70	O	
958-215-1	SE¼SE¼ sec. 12, T. 6 S., R. 20 E.	Mrs. Murlie Cruse	----------	50	-----	1¼	W	L	.0	----------	15 R	--------	----	D, Ir, S	
958-217-1	NE¼SE¼ sec. 15, T. 6 S., R. 20 E.	M. R. Wiggins	Penrod Drilling Co.	3,167	3,167	16	---	----	--------	----------	--------	--------	----	OT	CF, Ds, E
959-203-1	NW¼NE¼ sec. 12, T. 6 S., R. 22 E.	Mark L. Starling	M. L. Starling	115	85	2	SA	L	.0	----------	28 R	1954	----	D, Ir, S	
959-205-1	SW¼NW¼ sec. 10, T. 6 S., R. 22 E.	A. Toth	----------	55	-----	1¼	W	TC	.4	----------	13.5	1- 6-60	----	D, Ir, S	
959-206-1	SW¼SW¼ sec. 4, T. 6 S., R. 22 E.	O. L. Brown	O. L. Brown	58	50	1½	W	L	.0	----------	9 R	--------	----	D, Ir	
959-207-1	SE¼SW¼ sec. 8, T. 6 S., R. 22 E.	Lonnie Crawford, Jr.	----------	65	-----	2	SA	L	.0	----------	10 R	--------	----	D, Ir	
959-209-1	SE¼SE¼ sec. 12, T. 6 W., R. 21 E.	J. W. Brownlee	----------	94	-----	4	SA	L	.0	----------	12 R	--------	----	D, Ir, S	
959-211-1	NW¼SW¼ sec. 10, T. 6 S., R. 21 E.	W. C. Ward	W. C. Ward	25	-----	1¼	W	L	.0	----------	6 R	--------	----	D, Ir, S	
959-211-2	SW¼SE¼ sec. 3, T. 6 S., R. 21 E.	R. D. Reddish	R. D. Reddish	26	-----	2	W	L	.0	----------	4 R	--------	----	D, Ir, S	
959-215-1	NW¼SE¼ sec. 12, T. 6 S., R. 20 E.	Fronie Moody	----------	80	-----	1¼	SA	L	.0	----------	10 R	--------	----	D, Ir	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
959-216-1	SE¼SE¼ sec. 2, T. 6 S., R. 20 E.	Mrs. M. H. Moody	----------	130	-----	2	SA	L	0.0	----------	40 R	--------	----	D, Ir	
959-216-2	-------do-------	-------do-------	----------	12	-----	30	W	Tcb	2.45	----------	5.70	12-21-59	----	N	
959-216-3	SE¼SW¼ sec. 2, T. 6 S., R. 20 E.	Harold Shiver	Taylor	127	-----	---	SA	L	.0	----------	4 R	1957	----	D, Ir	
000-210-1	SW¼NE¼ sec. 2, T. 6 S., R. 21 E.	U.S. Geological Survey	U.S. Soil Conservation Service	30	28	1¼	W	TC	2.0	132 T	4.28	4- 6-59	----	O	CF
000-210-2	-------do-------	-------do-------	Albert H. Miller	294	247	4	F	TC	1.0	139 A	70.35	6-17-59	73	O	CF, E, G
001-215-1	NW¼NE¼ sec. 36 T. 5 S., R. 20 E.	B. B. Johns	----------	75	-----	2	SA	L	.0	----------	12 R	2- -60	----	D, Ir	
002-203-1	NE¼SE¼ sec. 24 T. 5 S., R. 22 E.	E. I. du Pont and Co.	Stevens Southern Co.	725	330	16	F	L	.0	200 T	130 R	4-12-59	70	Id	CF
003-203-1	NE¼NE¼ sec. 24, T. 5 S., R. 22 E.	-------do-------	-------do-------	774	442	16	F	TC	1.0	195 EL	126.51	6-28-60	70	Id	
003-211-1	NW¼SE¼ sec. 15, T. 5 S., R. 21 E.	Florida State Prison	Smith and Gillaspie Co.	700	275	12	F	TC	1.6	128.78 EL	62.19	5-19-59	----	F	
004-204-1	NE¼SW¼ sec. 11, T. 5. S., R. 22 E.	J. S. Eunice	----------	102	95	2	SA	TC	1.5	----------	6 R	1952	----	D	
004-204-2	NE¼NE¼ sec. 11, T. 5. S., R. 22 E.	Mrs. Selma Eunice	----------	100	92	2	SA	TC	1.0	----------	7 R	1941	----	D	
004-205-1	NE¼NE¼ sec. 10, T. 5. S., R. 22 E.	R. K. Wheeler	N. Hamilton	85	71	1¼	SA	TC	1.0	----------	4 R	1940	----	D	
004-205-2	NW¼NE¼ sec. 10, T. 5 S., R. 22 E.	D. A. Griffis	Fred Long	104	104	1¼	SA	TC	1.0	----------	5 R	1946	----	D	
005-203-1	NW¼SE¼ sec. 1, T. 5 S., R. 22 E.	E. Prescott	Stokes	111	105	2	SA	TC	1.0	165 T	11.97	2-16-60	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
005-203-2	NW¼NE¼ sec. 1, T. 5 S., R. 22 E.	Deveret Griffis	Stokes	129	-----	2	SA	TC	1.0	185 T	40.64	2-16-60	----	D	
006-203-1	SE¼NE¼ sec. 16, T. 4 S., R. 22 E.	Florida Forest Service	Burnett	189	155	2	SA	TC	.0	210 T	55 R	1954	----	D	
007-203-1	SW¼NE¼ sec. 25, T. 4 S., R. 22 E.	St. Mary's Craft Corp.	----------	140	98	2	SA	TC	.5	185 T	40 R	2- -59	----	D	

Clay County

943-202-1	SW¼SW¼ sec. 7, T. 9 S., R. 23 E.	U.S. Geological Survey	U.S. Soil Conservation Service	20	17	1¼	W	TC	2.0	174 T	7.86	4- 6-59	----	O	CF
943-202-2	SE¼SE¼ sec. 7, T. 9 S., R. 23 E.	-------do-------	Central Florida Well Drillers	159	124	4	F	----	-------	----------	---------	---------	----	---	De, CF
943-202-3	-------do---- ----	-------do-------	-------do-------	259	204	4	F	TP	2.8	180 A	88.76 89.36	5-11-60 6-27-60	----	O	CF, E, G
944-159-1	SE¼SE¼ sec. 33, T. 8 S., R. 23 E.	-------do-------	U.S. Soil Conservation Service	30	28	1¼	W	TC	1.6	118 T	19.98 19.79	4- 6-59 6-26-59	----	O	CF
944-159-2	SE¼SW¼ sec. 34, T. 8 S., R. 23 E.	George Clemens	Ernest McGollie	165	90	4	F	TC	.0	110 T	15 R	5- -59	----	Ir	
944-159-3	-------do-------	-------do-------	-------do-------	134	103	2	F	----	-------	110 T	---------	---------	----	Ir	
944-159-4	SW¼SW¼ sec. 34, T. 8 S., R. 23 E.	W. B. Stanley	W. B. Stanley	115	90	2	SA	TC	1.0	----------	35 R	6- -57	----	D	
944-159-5	NE¼NW¼ sec. 3, T. 9 S., R. 23 E.	J. A. Goodson	Sam Jordan	97	-----	2	SA	TC	.0	----------	30 R	3- -55	----	D	
945-200-1	SE¼NW¼ sec. 33, T. 8 S., R. 23 E.	E. D. Hayner	D. Eubanks	95	85	2	SA	TC	.0	130.84 EL	28.73	8-26-59	----	S	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
945-200-2	SE¼NW¼ sec. 33, T. 8 S., R. 23 E.	Bisbee	R. Mathews	98	86	2	SA	TC	0.0	----------	27 R	5- -59	----	D	
945-201-1	NW¼SW¼ sec. 32, T. 8 S., R. 23 E.	U.S. Geological Survey	Central Florida Well Drillers	145	116	4	F	L	.0	----------	33.89	2- 2-60	73	---	Ds, CF
945-201-2	--------do--------	-------do--------	-------do--------	186	161	4	F	L	.0	126 A	32.04	3-24-60	----	O	CF
945-201-3	NW¼SE¼ sec. 32, T. 8 S., R. 23 E.	T. W. Baker	----------	85	-----	2	SA	TCo	.5	----------	12.54	8-25-59	----	N	
945-202-1	NE¼NW¼ sec. 31, T. 8 S., R. 23 E.	Ralph C. Ridenour	H. L. Ownbey	147	102	2	F	L	.0	----------	37 R	4-23-58	----	D, Ir	
945-202-2	SW¼NW¼ sec. 31, T. 8 S., R. 23 E.	Gus Alderman	E. McGollie	158	-----	2	F	L	.0	----------	56 R	7- -59	----	Ir, S	
945-202-3	SE¼NW¼ sec. 31, T. 8 S., R. 23 E.	--------do--------	Sam Jordan	90	-----	2	SA	TC	.2	----------	35.43	8- 6-59	----	N	
945-202-4	NW¼NE¼ sec. 31, T. 8 S., R. 23 E.	Werner	E. McGollie	70	-----	2	SA	L	.0	----------	15 R	1951	----	D, Ir	
946-156-1	NE¼SE¼ sec. 24, T. 8 S., R. 23 E.	U.S. Geological Survey	U.S. Soil Conservation Service	29	27	1¼	W	TC	1.0	94 T	8.83	4- 6-59	----	O	CF
946-159-1	NE¼NE¼ sec. 27, T. 8 S., R. 23 E.	--------do--------	-------do--------	45	42	1¼	W	TC	2.3	128 T	30.29	4- 6-59	----	O	CF
946-159-2	SW¼SW¼ sec. 22, T. 8 S., R. 23 E.	E. Glisson	D. Eubanks	130	105	2	SA	----	-------	120 T	---------	---------	----	D	
946-159-3	SE¼SE¼ sec. 21, T. 8 S., R. 23 E.	R. H. Allen	Sam Jordan	137	89	2	SA	TC	1.0	115 T	22.00	9-16-59	----	D	
946-159-4	NW¼NE¼ sec. 27, T. 8 S., R. 23 E.	U.S. Geological Survey	Central Florida Well Drillers	249	193	4	F	L	.0	130 T	40.54 41.27	3-22-60 4-22-60	----	O	CF, E, G
946-200-1	SW¼NW¼ sec. 28, T. 8 S., R. 23 E.	Dykes	----------	20	20	1¼	W	TC	.5	----------	6.84	10-26-59	----	N	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
946-200-2	SW¼NW¼ sec. 28 T. 8 S., R. 23 E.	E. L. Geiger	----------	23	23	1¼	W	TC	1.2	----------	9.00	10-26-59	----	N	
946-200-3	--------do--------	W. W. Cox	E. McGollie	121	55	2	SA	L	.0	----------	33 R	10- -53	----	D, Ir	
946-200-4	--------do--------	C. W. Gibbs	--------do--------	18	30	4	W	TC	.95	----------	13.47	10-26-59	----	N	
946-200-5	NE¼NE¼ sec. 29, T. 8 S., R. 23 E.	Seth Kennedy	----------	92	-----	2	SA	TC	.6	----------	16.11	10-29-59	----	N	
946-202-1	SW¼NW¼ sec. 30, T. 8 S., R. 23 E.	U.S. Geological Survey	U.S. Soil Conservation Service	22	20	1¼	W	TC	5.0	106.88 EL	6.68	6-26-58	72.5	O	CF
946-202-2	NW¼NW¼ sec. 30, T. 8 S., R. 23 E.	--------do--------	--------do--------	50	50	1¼	W	TC	2.0	117.31 EL	20.70	6-18-58	----	O	CF
946-202-3	NE¼SW¼ sec. 19, T. 8 S., R. 23 E.	--------do--------	--------do--------	50	50	1¼	W	TC	3.0	135.77 EL	29.97	6-25-58	----	O	CF
946-202-4	NW¼NE¼ sec. 30, T. 8 S., R. 23 E.	Keystone Water Works	Acme Drilling Co.	492	189	8	F	TC	1.0	150 T	62.27	12-15-59	----	P	CF, E
947-156-1	SW¼NE¼ sec. 18, T. 8 S., R. 24 E.	Mrs. Mary Smith	A. Rhoden	113	-----	2	SA	----	--------	95 T	---------	---------	----	D	
947-200-1	NE¼SE¼ sec. 17, T. 8 S., R. 23 E.	H. A. Dale	----------	31	-----	1¼	W	TC	.4	125 T	14.53	10-20-59	----	N	
947-200-2	--------do--------	Corbett	----------	20	-----	1¼	W	TC	1.1	115 T	4.89	10-20-59	----	N	
947-200-3	--------do--------	U.S. Geological Survey	B. W. Layman Well Drilling	134	91	2	SA	TC	2.1	----------	48.72	2-18-60	----	O	CF
947-201-1	SE¼NE¼ sec. 19, T. 8 S., R. 23 E.	Keystone Water Works	Gray Well and Pump Co.	332	184	8	F	----	--------	139.9 EL	---------	---------	73.8	P	CF
947-201-2	--------do--------	--------do--------	Duval Drilling Co.	450	147	8	F	----	--------	----------	--------	--------	----	P	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above ( ) or below measuring point (feet)	Date of measurement			
947-201-3	NE¼NE¼ sec. 19, T. 8 S., R. 23 E.	U.S. Geological Survey	U.S. Soil Conservation Service	42	40	1¼	W	TC	0.0	119.63 EL	18.5	6-17-58	----	O	CF
947-201-4	SW¼NE¼ sec. 17, T. 8 S., R. 23 E.	-------do-------	Albert H. Miller	307	167	4	F	TC	2.7	153.28 EL	66.32	9-11-59	----	O	CF, E, G.
947-201-5	NW¼NW¼ sec. 20, T. 8 S., R. 23 E.	J. W. Simerel	E. McGollie	105	65	2	SA	TC	.6	138 T	37 R	1- -56	----	N	
947-201-6	-------do-------	R. H. Jackson	H. L. Ownbey	217	174	2	F	L	.0	138 T	61 R	7-31-59	----	D, Ir	
947-201-7	SE¼SE¼ sec. 18, T. 8 S., R. 23 E.	Frank Nooney	----------	21	-----	1¼	W	TC	.9	125 T	.46	10-19-59	----	N	
947-201-8	SE¼SW¼ sec. 17, T. 8 S., R. 23 E.	Roy W. Tyre	H. L. Ownbey	119	-----	2	SA	L	.0	152 T	47 R	8-15-52	----	D, Ir	
947-201-9	SW¼SE¼ sec. 17, T. 8 S., R. 23 E.	E. L. Southwell	----------	22	-----	1¼	W	TT	1.2	125 T	12.94	10-19-59	----	N	
947-201-10	SE¼SE¼ sec. 17, T. 8 S., R. 23 E.	F. H. Gaige	Sam Jordan	118	-----	2	SA	TCo	.7	160 T	54.3	10-19-59	----	N	
947-201-11	-------do-------	C. E. Moody	-------do-------	190	-----	2	F	L	.0	125 T	46 R	1952	----	D	
947-201-12	NW¼SE¼ sec. 17 T. 8 S., R. 23 E.	W. P. Wilson	Wright	87	84	2	SA	TC	.3	125 T	21.65	10-20-59	----	N	
947-201-13	-------do-------	-------do-------	H. L. Ownbey	159	-----	2	SA	L	.0	130 T	57 R	1956	----	D	
947-201-14	NW¼SW¼ sec. 17, T. 8 S., R. 23 E.	U.S. Geological Survey	B. W. Layman Well Drilling	112	83	2	SA	TC	1.8	140.43 EL	27.60	2-26-60	70.5	O	CF
947-201-15	-------do-------	-------do-------	-------do-------	43	40	2	W	TC	1.7	140.33 EL	26.23	2-26-60	----	O	
947-201-16	NW¼NW¼ sec. 20, T. 8 S., R. 23 E.	-------do-------	-------do-------	144	61	2	SA	TC	2.4	147.41 EL	48.10	3-31-60	----	O	CF
947-201-17	-------do-------	-------do-------	-------do-------	43	40	2	W	TC	2.15	147.16 EL	36.07	3-31-60	----	O	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
947-201-18	NW¼SW¼ sec. 17, T. 8 S., R. 23 E.	U.S. Geological Survey	J. J. Hare	147	80	6	SA	TC	1.95	----------	27.22	4-12-60	----	O	CF
947-202-1	SE¼NW¼ sec. 18, T. 8 S., R. 23 E.	S. E. Thompson	H. L. Ownbey	271	262	2	F	L	.0	122 T	67 R	7-31-59	75	D, Ir	
947-202-2	SE¼SW¼ sec. 18, T. 8 S., R. 23 E.	G. L. Purdy	----------	36	-----	8	W	TC	3.3	----------	23.92	10-16-59	----	N	
947-202-3	-------do-------	-------do-------	----------	21	-----	2	W	TC	.45	----------	---------	---------	----	N	WP
947-202-5	NE¼SW¼ sec. 18, T. 8 S., R. 23 E.	Mrs. W. G. Carpenter	D. Eubanks	120	-----	2	SA	----	-------	125 T	---------	---------	----	D	
947-202-6	-------do-------	-------do-------	----------	-----	-----	1¼	W	----	-------	125 T	---------	---------	----	N	
947-202-8	-------do-------	S. F. Thompson	----------	23	150	2	W	TC	.4	128 T	13.82	10-19-59	----	N	
947-202-9	SE¼NW¼ sec. 18, T. 8 S., R. 23 E.	Dewey Cannon	----------	-----	-----	1¼	W	TC	1.55	128 T	---------	---------	----	Ir	
947-202-10	SW¼NW¼ sec. 18, T. 8 S., R. 23 E.	Turner	----------	150	-----	2	SA	----	-------	----------	---------	---------	----	D, Ir	
947-202-11	SW¼SW¼ sec. 18, T. 8 S., R. 23 E.	U.S. Geological Survey	B. W. Layman Well Drilling	180	78	2	SA	TC	2.2	149 EL	36.04	3-22-60	----	O	CF
947-202-12	-------do-------	-------do-------	-------do-------	40	40	2	W	TC	2.1	148.97 EL	26.86	3-22-60	----	O	
947-202-13	NE¼SW¼ sec. 18, T. 8 S., R. 23 E.	-------do-------	-------do-------	449	440	2	F	TC	.0	123.32 EL	30.19	4-28-60	----	O	CF
947-202-14	-------do-------	-------do-------	-------do-------	46	43	2	W	TC	.0	123.37 EL	9.7	3-10-60	70.5	O	
947-202-15	NW¼NE¼ sec. 19, T. 8 S., R. 23 E.	-------do-------	-------do-------	93	64	2	SA	TC	2.2	127.16 EL	32.72	3-15-60	71.5	O	CF
947-202-16	-------do-------	-------do-------	-------do-------	29	26	2	W	TC	2.0	127.02 EL	13.03	3-15-60	71.5	O	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
947-202-17	SE¼NE¼ sec. 19, T. 8 S., R. 23 E.	U.S. Geological Survey	B. W. Layman Well Drilling	147	51	2	SA	TC	0.0	131.35 EL	34.85	3-31-60	----	O	CF
947-202-18	NW¼NE¼ sec. 19, T. 8 S., R. 23 E.	-------do-------	J. J. Hare	168	147	6	F	TC	2.4	127.4 EL	37.93	5-18-60	----	O	CF
947-202-19	NE¼SW¼ sec. 18, T. 8 S., R. 23 E.	-------do-------	H. L. Ownbey	85	78	2	SA	TC	2.7	145.27 EL	40.09	5-30-60	----	O	CF
947-202-20	-------do-------	-------do-------	-------do-------	26	19	2	W	TC	2.3	144.91 EL	20.14	5-30-60	----	O	
947-202-21	-------do-------	-------do-------	U.S. Geological Survey	12	12	1¼	W	TC	3.0	----------	10.75 10.62	7-18-60 7-29-60	----	O	
947-202-22	-------do-------	-------do-------	-------do-------	2.5	2.5	1¼	W	TC	.0	----------	1.71	7-18-60	----	O	
948-154-1	SE¼NE¼ sec. 17, T. 8 S., R. 24 E.	H. Sibley	H. L. Ownbey	64	48	2	SA	TC	.2	----------	11.77	6-24-58	----	D	
948-154-2	NW¼SE¼ sec. 9, T. 8 S., R. 24 E.	M. L. Crosby	----------	192	-----	2	SA	TC	.5	100 T	31 R	1957	----	D	
948-155-1	NE¼SW¼ sec. 8, T. 8 S., R. 24 E.	U.S. Geological Survey	U.S. Soil Conservation Service	27	25	1¼	W	TC	2.0	112.69 EL	13.78	6-26-58	70.6	O	CF
948-200-1	NE¼NE¼ sec. 17, T. 8 S., R. 23 E.	-------do-------	-------do-------	49	47	1¼	W	TC	2.4	132.07 EL	39.97	4- 6-59	----	O	CF
948-200-2	NW¼NW¼ sec. 16, T. 8 S., R. 23 E.	Ernest Burch	----------	15	-----	1¼	W	TC	1.0	107.71 EL	13.05	12-11-59	----	N	
948-200-3	-------do-------	-------do-------	----------	23	-----	1¼	W	TC	1.2	108.38 EL	13.32	12-11-59	----	N	
948-200-4	NE¼NE¼ sec. 17, T. 8 S., R. 23 E.	U.S. Geological Survey	B. W. Layman Well Drilling	126	76	2	SA	TC	2.15	136.09 EL	42.6	2-24-60	71	O	CF
948-200-5	-------do-------	-------do-------	-------do-------	49	46	2	W	TC	2.2	136.13 EL	38.44	3-22-60	----	O	
948-200-6	-------do-------	-------do-------	-------do-------	68	68	2	W	TC	2.25	136.23 EL	37.83	3-22-60	----	O	
948-200-7	-------do-------	-------do-------	J. J. Hare	136	83	6	SA	TC	2.2	----------	41.0	5-18-60	----	O	CF

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurment			
948-201-1	SW¼SW¼ sec. 8, T. 8 S., R. 23 E.	Y.M.C.A.	Gray Well and Pump Co.	395	151	4	F	----	--------	132.9 EL	--------	--------	----	P	CF
948-201-2	NE¼NE¼ sec. 17, T. 8 S., R. 23 E.	U.S. Geological Survey	Albert H. Miller	-----	-----	----	F	----	--------	140 T	--------	--------	----	---	Do, CF
948-201-3	NW¼NE¼ sec. 17, T. 8 S., R. 23 E.	Howard Tucker	H. L. Ownbey	98	63	2	SA	L	0.0	131 T	37 R	3-19-57	----	D, Ir	
948-201-4	SW¼NE¼ sec. 17, T. 8 S., R. 23 E.	Hindin	-------do-------	109	84	2	SA	L	.0	135 T	38 R	8-11-58	----	D, Ir	
948-201-5	-------do-------	Marion B. Bowles	-------do-------	91	-----	2	SA	L	.0	130 T	15 R	7- 9-51	----	D, Ir	
948-201-6	NE¼SE¼ sec. 8, T. 8 S., R. 23 E.	Head	-------do-------	142	84	2	SA	L	.0	125 T	46 R	1- -56	----	D	
948-201-7	SE¼SW¼ sec. 8, T. 8 S., R. 23 E.	U.S. Geological Survey	B. W. Layman Well Drilling	122	76	2	F	TC	2.2	139.53 EL	52.36	2-18-60	----	0	CF
948-201-8	-------do-------	-------do-------	-------do-------	43	40	2	W	TC	2.3	139.47 EL	26.52	2-18-60	71.5	0	
948-201-9	NE¼SW¼ sec. 8, T. 8 S., R. 23 E.	-------do-------	-------do-------	149	94	2	SA	TC	1.9	163.02 EL	49.12	2-19-60	70.5	0	CF
948-201-10	--------do-------	-------do-------	-------do-------	53	50	2	W	TC	2.0	162.64 EL	45.6	2-19-60	70.5	0	
948-201-11	NW¼NE¼ sec. 17, T. 8 S., R. 23 E.	-------do-------	-------do-------	141	61	2	SA	TC	2.05	131.24 EL	20.76	3- 2-60	----	0	CF
948-201-12	-------do-------	-------do-------	-------do-------	32	29	2	W	TC	2.1	131.19 EL	17.81	3- 2-60	70.5	0	
948-201-13	SW¼SW¼ sec. 8, T. 8 S., R. 23 E.	-------do-------	U.S. Geological Survey	18	18	1¼	W	TC	.0	----------	14.43 14.20	7-18-60 7-29-60	----	0	
948-202-1	SW¼NE¼ sec. 18, T. 8 S., R. 23 E.	James C. Hall	H. L. Ownbey	172	152	2	F	L	.0	118 T	37 R	9-18-59	----	D, Ir	
948-202-2	-------do-------	F. H. Saucer	-------do-------	172	145	2	F	L	.0	118 T	33 R	7-31-59	----	D, Ir	
948-202-3	-------do-------	J. F. Hopkins	Partridge Well Drilling Co.	105	-----	2	SA	----	--------	123 T	--------	--------	----	D, Ir	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
948-202-4	NE¼NW¼ sec. 18, T. 8 S., R. 23 E.	U.S. Geological Survey	B. W. Layman Well Drilling	155	93	2	SA	TC	2.3	172.86 EL	60.07	3-11-60	----	O	CF
948-202-5	--------do--------	--------do--------	--------do--------	67	64	2	W	TC	1.75	172.51 EL	55.57	3-17-60	71	O	
948-202-6	NW¼NE¼ sec. 18, T. 8 S., R. 23 E.	--------do--------	--------do--------	145	80	2	SA	TC	1.9	146.74 EL	48.76	3-18-60	71.5	O	CF
948-202-7	--------do--------	--------do--------	--------do--------	43	40	2	W	TC	1.8	146.63 EL	31.63	3-18-60	----	O	
948-202-8	--------do--------	--------do--------	J. J. Hare	250	193	6	F	TC	2.0	----------	57.46	4-25-60	72	O	CF, E, G
949-157-1	NW¼NW¼ sec. 12, T. 8 S., R. 23 E.	W. L. Ivey	E. J. Plemmons	113	82	2	SA	TC	.0	98 T	17.27	9-23-58	----	D	
949-157-2	--------do--------	Ollie Holland	--------do--------	-----	137	1¼	SA	----	--------	----------	---------	--------	----	D	
949-157-3	--------do--------	Karl Zink	--------do--------	-----	117	2	SA	----	--------	----------	---------	--------	----	D	
949-157-4	SW¼SE¼ sec. 1, T. 8 S., R. 23 E.	Florida Park Service	V. C. Mickle	181	115	6	SA	----	--------	----------	---------	--------	----	P	CF
949-157-5	--------do--------	--------do--------	Gray Well and Pump Co.	202	88	6	F	----	--------	----------	---------	--------	73.4	P	CF
949-157-6	--------do--------	--------do--------	C. C. C.	110	-----	4	SA	TC	.0	137 T	57.55	9- 5-58	----	N	
949-158-1	SE¼NW¼ sec. 2, T. 8 S., R. 23 E.	Wester and Conrad Sand Co.	Duval Drilling Co.	450	-----	10	F	----	--------	----------	---------	--------	74	Id	
949-158-2	SW¼NE¼ sec. 2, T. 8 S., R. 23 E.	All Florida Sand Co.	--------do--------	460	218	10	F	----	--------	173 T	---------	--------	74	Id	CF
949-158-3	SW¼NW¼ sec. 2, T. 8 S., R. 23 E.	--------do--------	E. McGollie	300	-----	2	F	TC	.5	150 T	87.43	7-27-59	----	N	
949-158-4	SE¼SE¼ sec. 3, T. 8 S., R. 23 E.	Stanley Director	H. L. Ownbey	78	70	2	SA	L	.0	----------	21 R	6-14-56	----	D, Ir	
949-159-1	SE¼SW¼ sec. 3, T. 8 S., R. 23 E.	U. S. Geological Survey	U.S. Soil Conservation Service	38	38	1¼	W	TC	1.9	167 T	24.36	4- 6-59	----	O	CF

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
949-159-2	SE¼SW¼ sec. 3, T. 8 S., R. 23 E.	Dr. S. E. Simmons	H. L. Ownbey	70	-----	2	SA	L	0.0	----------	19 R	3-25-57	----	D, Ir	
949-201-1	SE¼SW¼ sec. 5, T. 8 S., R. 23 E.	U.S. Geological Survey	U.S. Soil Conservation Service	22	20	1¼	W	TC	2.5	127.76 EL	5.22	6-26-58	----	O	CF
949-202-1	NE¼NW¼ sec. 6, T. 8 S., R. 23 E.	U.S. Army	Gray Well and Pump Co.	474	198	10	F	TPB	2.0	165.02 EL	75.76	5-21-59	----	P	CF
950-137-2	NW¼NW¼ sec. 32, T. 7 S., R. 27 E.	E. J. Hickey	----------	400	-----	4	F	TT	3.0	20 A	+14.4	2-16-60	71	D, S	
950-143-1	SW¼SW¼ sec. 32, T. 7 S., R. 26 E.	Union Bag and Paper Co.	----------	138	-----	2	SA	TE	.5	112 T	15.32	3-16-56	----	D	
950-155-1	SW¼NE¼ sec. 32, T. 7 S., R. 24 E.	U.S. Geological Survey	U.S. Soil Conservation Service	13	11	1¼	W	TC	1.5	151 T	2.74	4- 6-59	----	O	CF
950-155-2	SW¼SE¼ sec. 32, T. 7 S., R. 24 E.	George M. Valledjuli	Lewis Brewer	295	-----	3	F	TC	.5	165 T	65 R	1948	----	D	
950-157-1	NW¼NW¼ sec. 36 T. 7 S., R. 23 E.	Florida Park Service	V. C. Mickle	225	137	4	F	TC	.0	213 T	70.65	9-22-58	----	N	CF
950-157-2	-------do-------	-------do-------	Gray Well and Pump Co.	545	100	6	F	TCo	1	214.2 EL	129.18	5- 9-60	73.2	P	CF
950-202-1	SW¼SW¼ sec. 31, T. 7 S., R. 23 E.	U.S. Army	-------do-------	535	243	8	F	L	.0	180.0 EL	102 R	7- -42	----	P	CF
951-137-1	SW¼NE¼ sec. 29, T. 7 S., R. 27 E.	Frank Williams	Louis Ivey	360	80	6	F	TT	1.0	11 A	+21.1	1-19-59	75	D, S	C-23
951-137-2	NW¼SE¼ sec. 29, T. 7 S., R. 27 E.	W. C. College	J. Frazier	329	50	4	F	----	-------	11 T	--------	--------	75.8	D, S	C-24
951-137-3	NW¼NW¼ sec. 32, T. 7 S., R. 27 E.	C. J. Hicks	----------	-----	-----	4	F(?)	TT	3.5	21 A	+17.7	2-16-60	72	D, S	
951-154-1	NW¼NE¼ sec. 28, T. 7 S., R. 24 E.	George M. Valledjuli	----------	277	88	6	F	TC	.0	135 T	34.88	5-21-59	----	N	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
951-156-1	SW¼NW¼ sec. 30, T. 7 S., R. 24 E.	U.S. Geological Survey	U.S. Soil Conservation Service	27	25	1¼	W	TC	2.3	211 T	6.17	4- 6-59	----	O	CF
951-156-2	-------do-------	George M. Valledjuli	D. Eubanks	204	165	2	F	TC	.0	210 T	19.75	5-25-59	----	S	
951-201-1	SW¼SE¼ sec. 29, T. 7 S., R. 23 E.	U.S. Geological Survey	U.S. Soil Conservation Service	17	15	1¼	W	TC	2.8	136.77 EL	5.69	6-22-58	67.5	O	
952-137-1	NW¼NW¼ sec. 20, T. 7 S., R. 27 E.	Les Binns	----------	500	150	4	F	TT	2.0	11 A	+27.2	2- 5-60	----	D	
952-137-2	SW¼SE¼ sec. 20, T. 7 S., R. 27 E.	F. Williams	R. L. Williams	330	180	2	F	TB	.0	3 A	+34.8	2-16-60	76	D	
952-137-3	-------do-------	-------do-------	Brewer	62	-----	2	SA	TE	1.0	3 A	+2.6	2-16-60	71	N	
952-139-1	SE¼NE¼ sec. 23, T. 7 S., R. 26 E.	Mrs. Mae Lytle	----------	220	-----	2	F	L	.0	----------	22 R	1952	----	D	
952-147-1	NE¼SE¼ sec. 22, T. 7 S., R. 26 E.	William Moody	R. Driggers	134	80	2	SA	TPB	1.00	----------	7.41	1- 8-60	----	D	
952-147-2	SW¼SW¼ sec. 22, T. 7 S., R. 25 E.	U.S. Geological Survey	Central Florida Well Drillers	319	290	4	F	TC	2.55	99 T	16.80	4-28-60	----	O	CF, E, G
952-147-3	NW¼SW¼ sec. 22, T. 7 S., R. 25 E.	M. A. Moody	J. W. Moody	161	151	2	SA	TE	2	97 T	8.55	2-10-58	----	D	
952-148-1	SE¼SW¼ sec. 21, T. 7 S., R. 25 E.	B. L. Moody	E. McGollie	246	42	2	SA	L	.0	----------	21 R	8- -59	----	D	
952-155-1	NE¼SE¼ sec. 20, T. 7 S., R. 24 E.	George M. Valledjuli	-------do-------	39	-----	2	W	TC	1.0	160 T	7.27	9-17-59	----	S	
952-201-1	SE¼NE¼ sec. 19, T. 7 S., R. 23 E.	U.S. Geological Survey	U.S. Soil Conservation Service	17	15	1¼	W	TC	2.8	181.33 EL	3.78	6-22-58	71.5	O	CF
953-137-1	NW¼NW¼ sec. 17, T. 7 S., R. 27 E.	Gertrude Herbert	R. L. Williams	245	100	2	F	TC	1.0	4 A	+24.0	2- 5-60	69	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
953-138-1	SE¼SW¼ sec. 7, T. 7 S., R. 27 E.	F. L. Williamson	L. Brewer	494	274	4	F	TCr	0.5	11 A	+26.2	2- 5-60	73	D, Ir	
953-140-1	NW¼SE¼ sec. 14, T. 7 S., R. 26 E.	Albert Johnson	Albert Johnson	60	-----	1¼	W	L	.0	----------	15 R	11- -59	----	D	
953-153-1	SW¼NE¼ sec. 15, T. 7 S., R. 24 E.	O. J. Murrhee	----------	232	-----	6	F	TC	.6	98 A	16.83	8- 4-59	----	D, Ir S	
953-154-1	NE¼SE¼ sec. 9, T. 7 S., R. 24 E.	U.S. Geological Survey	U.S. Soil Conservation Service	13	11	1¼	W	TC	1.8	95 T	3.88	4- 6-59	----	O	CF
954-138-1	NW¼NW¼ sec. 7, T. 7 S., R. 27 E.	Mrs. Gene Taylor	D. C. Hardenbrook	-----	-----	----	F(?)	TT	1.8	12 T	+28.2	2- 5-60	----	D	
954-138-2	SW¼SW¼ sec. 6, T. 7 S., R. 27 E.	Leroy Edenfield	--------do--------	-----	-----	3	F(?)	TCo	.0	16 A	+25.5	2- 8-60	73.5	D, S	
954-138-3	--------do--------	W. Hawkins	Pique	366	-----	3	F	TFa	1.6	16 A	+23.5	2-15-60	73.5	D, Ir	
954-140-1	SW¼SW¼ sec. 2, T. 7 S., R. 26 E.	Jimmy Compton	Jimmy Compton	35	-----	1¼	W	L	.0	----------	15 R	12- -59	----	D, Ir	
954-153-1	SW¼SW¼ sec. 3, T. 7 S., R. 24 E.	O. J. Murrhee	----------	60	-----	1¼	W	----	--------	----------	---------	---------	----	D	
954-153-2	NW¼SW¼ sec. 10, T. 7 S., R. 24 E.	--------do--------	Weeks	185	80	2	SA	L	.0	95 T	16 R	1953	----	D, Ir	
955-140-1	SE¼SE¼ sec. 34, T. 7 S., R. 26 E.	Mrs. O. L. Clevenger	----------	137	-----	2	SA	TC	1.07	----------	18.29	2- 8-60	----	D	
955-141-1	SE¼SE¼ sec. 34, T. 6 S., R. 26 E.	C. R. Peeples	----------	26	-----	1¼	W	L	.0	----------	15 R	---------	----	D, Ir S	
955-145-1	SE¼NE¼ sec. 2, T. 7 S., R. 25 E.	M. M. Moody	----------	238	140	2	SA	-----	--------	----------	13 R	1957	----	D, S	
955-145-2	--------do--------	Jay Daniels	Duke	200	-----	2	SA	----	--------	----------	---------	---------	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
955-146-1	NW¼NE¼ sec. 2, T. 7 S., R. 25 E.	Janie Craven	Duke	240	-----	2	F	L	0.0	----------	15 R	1957	----	D S.	
955-153-1	SW¼SW¼ sec. 34, T. 6 S., R. 24 E.	U.S. Geological Survey	U.S. Soil Conservation Service	18	15	1¼	W	TC	2.1	92 T	3.44	4- 6-59	----	O	CF
956-139-1	Land grant, sec. 38, T. 6 S., R. 26 E.	Mrs. L. M. Hankins	L. T. Ivey	389	200	6	F	TT	2.5	24 A	+18.9	1-12-59	73.5	S	C-21
956-158-1	SE¼SE¼ sec. 26, T. 6 S., R. 23 E.	U.S. Army	----------	117	117	12	SA	TC	2	153.42 EL	77.08	10-20-58	----	N	
956-158-2	NE¼NW¼ sec. 35, T. 6 S., R. 23 E.	-------do-------	Gray Well and Pump Co.	580	358	10	F	L	.0	162.37 EL	83 R	5- -41	----	P	CF
956-159-1	NW¼SW¼ sec. 27, T. 6 S., R. 23 E.	-------do-------	Stevens Southern Co.	718	312	10	F	L	.0	228.87 EL	151 R	5- -41	----	P	
956-159-2	SE¼NW¼ sec. 34, T. 6 S., R. 23 E.	-------do-------	-------do-------	695	292	12	F	L	.0	188.22 EL	117 R	5- -41	----	P	CF
956-159-3	SE¼SE¼ sec. 27, T. 6 S., R. 23 E.	-------do-------	-------do-------	581	316	10	F	L	.0	162.37 EL	84.5 R	5- -41	----	P	CF
957-138-1	Land grant, sec. 38, T. 6 S., R. 26 E.	John Hall	Partridge Well Drilling Co.	222	-----	3	F	TT	1.75	----------	+17.1	11-20-58	73.6	S	
957-141-1	-------do-------	David E. Lee	----------	403	400	2	F	L	.0	----------	1.5	--------	----	D, Ir	
957-144-1	SE¼NW¼ sec. 30, T. 6 S., R. 26 E.	Arthur Knowles	J. W. Moody	140	-----	2	SA	L	.0	----------	8 R	1954	----	D, Ir	
957-157-1	SW¼NW¼ sec. 24, T. 6 S., R. 23 E.	U.S. Army	Gray Well and Pump Co.	680	377	10	F	L	.0	151.42 EL	78.0 R	5- -41	----	P	CF
957-158-1	SE¼SE¼ sec. 23, T. 6 S., R. 23 E.	-------do-------	-------do-------	290	125	12	F	----	--------	190.22 EL	--------	--------	----	N	CF
957-158-2	-------do-------	-------do-------	-------do-------	766	372	12	F	----	--------	161.0 EL	--------	--------	----	P	

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					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
957-200-1	NW¼SW¼ sec. 21, T. 6 S, R, 23 E.	Roy Ward	J. Wilhoit	309	209	5	SA	L	0.0	203 T	48.95	7- 8-58	----	D	
957-200-2	--------do--------	--------do--------	--------do--------	100	-----	4	W	----	--------	203 T	--------	--------	----	N	
957-200-3	--------do--------	U.S. Geological Survey	U.S. Geological Survey	12	10	1¼	W	TC	1.0	203 T	7.29	7- 8-58	----	O	
957-202-1	NW¼SE¼ sec. 19, T. 6 S., R. 23 E.	--------do--------	U.S. Soil Conservation Service	20	18	1¼	W	TC	1.9	221 T	3.22	4- 6-59	----	O	CF
958-137-1	Land grant, sec. 47, T. 6 S., R. 27 E.	H. R. Wiegand	D. Hardenbrook	400	-----	3	F	TT	1.0	4 A	+21.2	2-10-60	72	D	
958-138-1	Land grant, sec. 38, T. 6 S., R. 26 E.	U.S. Navy	Duval Drilling Co.	600	301	12	F	L	.0	10 T	+12.6 R	3- -55	----	Ir	CF
958-138-2	Land grant, sec. 38, T. 6 S., R. 27 E.	J. P. Hall	D. Hardenbrook	475	-----	3	F	TFa	1.3	3 A	+20.9	2-10-60	73	D, Ir	
958-139-1	Land grant, sec. 38, T. 6 S., R. 26 E.	U.S. Navy	Stevens Southern Co.	650	276	8	F	TV	1.0	13.14 EL	+16.2	1- 5-59	77	P	CF, Clay-7
958-139-2	--------do--------	--------do--------	Layne-Atlantic Co.	650	282	8	F	TT	3.5	----------	+20.0	9- 3-46	----	P	C-22, Clay-22
958-140-1	--------do--------	Mrs. Emilyn Arrants	Crowles	-----	------	----	F(?)	TT	2	16 A	+13.6	2- 9-60	----	D	
958-144-1	NE¼NW¼ sec. 18, T. 6 S., R. 26 E.	C. M. Burkhalter, Jr.	Gray Well and Pump Co.	420	220	8	F	TC	1.2	92 T	20.2	6- 6-34	----	N	C-20
958-145-1	NE¼NE¼ sec. 14, T. 6 S., R. 25 E.	James Wilkinson	Craig	181	147	2	SA	----	--------	82 T	--------	----------	----	D	
958-148-1	SW¼NW¼ sec. 16, T. 6 S., R. 25 E.	Foremost Properties	----------	118	-----	6	SA	L	.0	----------	18 R	1954	71.5	P	
958-148-2	--------do--------	--------do--------	Gray Well and Pump Co.	550	260	8	F	L	.0	82.86 EL	14 R	--------	----	N	CF

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					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
958-148-3	SE¼NW¼ sec. 16, T. 6 S., R. 25 E.	Memorial Home Community	Stevens Southern Co.	402	280	10	F	L	0.0	97.15 EL	12.5 R	1950	----	P	CF
958-149-1	NE¼SW¼ sec. 17, T. 6 S., R. 25 E.	Foremost Properties	----------	-----	-----	8	F	TC	-7.54	94 T	13.55	11-13-58	----	N	
958-151-1	SW¼NW¼ sec. 13, T. 6 S., R. 24 E.	St. Mary's Craft Corp.	Ivey	310	-----	6½	F	TC	.5	85 A	11.13	11-20-58	----	N	C-17
958-151-2	-------do-------	U.S. Geological Survey	U.S. Soil Conservation Service	22	22	1¼	W	TC	.8	97 T	5.07	4- 6-59	----	O	CF
958-154-1	SW¼NE¼ sec. 16, T. 6 S., R. 24 E.	U.S. Army	----------	400	-----	5	F	TC	.1	90 T	10.2	6- 6-34	72	N	C-16
958-155-1	NW¼NW¼ sec. 17, T. 6 S., R. 24 E.	Florida Forest Service	Gray and Stevens	680	420	6	F	TCo	1.5	160 T	75.2	11- 4-34	----	D	C-15
958-155-2	-------do-------	U.S. Geological Survey	U.S. Soil Conservation Service	15	13	1¼	W	TC	2.00	143 T	4.66	4- 6-59	----	O	CF
958-157-1	NW¼SW¼ sec. 13, T. 6 S., R. 23 E.	U.S. Army	Stevens Southern Co.	685	342	12	F	----	-------	149.05 EL	74 R	5-10-41	----	P	CF
958-158-1	SW¼NW¼ sec. 14, T. 6 S., R. 23 E.	-------do-------	Gray Well and Pump Co.	661	380	10	F	L	.0	166.61 EL	91.0 R	5- -41	----	P	CF
958-158-2	SW¼SE¼ sec. 14, T. 6 S., R. 23 E.	-------do-------	Stevens Southern Co.	719	376	10	F	L	.0	160.22 EL	85.0 R	5- -41	----	P	CF
958-158-3	NW¼NE¼ sec. 14, T. 6 S., R. 23 E.	-------do-------	----------	718	345	12	F	TC	.0	153.20 EL	79.70	10-20-58	----	N	E
958-159-1	NW¼NE¼ sec. 15, T. 6 S., R. 23 E.	-------do-------	Gray Well and Pump Co.	524	-----	12	F	L	.0	192 T	117 R	5- -41	----	P	CF
958-159-2	NW¼NW¼ sec. 15, T. 6 S., R. 23 E.	Strickland's Beach	Partridge Well Drilling Co.	275	100	2	SA	L	.0	190 T	50 R	1955	----	D	
958-200-1	NW¼SW¼ sec. 16, T. 6 S., R. 23 E.	L. E. Josey	Wallace	115	90	2	SA	L	.0	----------	30 R	1955	----	D, Ir	

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					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
958-200-2	NW¼NE¼ sec. 16, T. 6 S., R. 23 E.	F. W. Strickland	----------	53	-----	2	W	L	0.0	----------	15 R	3- -59	----	D	
959-140-1	NW¼NW¼ sec. 11, T. 6 S., R. 26 E.	Clay County School Board	N. B. Ivey	600	150	4	F	TF	2.5	18.4 EL	+13.2	6-17-60	80	P	C-13, Clay-8
959-141-1	Land grant, sec. 38, T. 6 S., R. 26 E.	City of Green Cove Springs	----------	715	-----	6	F	L	.0	----------	10 R	1960	----	P	
959-141-2	--------do--------	--------do--------	L. Ivey	850	400	8	F	TV	.5	23 T	+1.5	5- 7-34	82	P	C-14
959-141-3	--------do--------	--------do--------	Duval Drilling Co.	605	420	12	F	L	.0	60 T	10 R	4- -53	----	P	CF
959-142-1	SE¼NW¼ sec. 9, T. 6 S., R. 26 E.	T. J. Ben	T. J. Ben	18	-----	1¼	W	----	-------	----------	---------	---------	----	D, Ir	
959-142-2	SW¼NW¼ sec. 9, T. 6 S., R. 26 E.	L. C. Dean	T. Heifel	47	-----	2	W	L	.0	----------	15 R	---------	----	D, Ir	
959-147-1	SW¼SE¼ sec. 10, T. 6 S., R. 25 E.	Shadowlawn Dairy	Gray Well and Pump Co.	68	-----	12	W	TC	.5	103 T	32.66	11-13-58	----	N	
959-149-1	SW¼SW¼ sec. 8, T. 6 S., R. 25 E.	--------do--------	Thompson	500	250	8	F	TC	7.4	96 T	9.0	6- 5-34	----	N	C-18
959-200-1	SW¼SW¼ sec. 9, T. 6 S., R. 23 E.	U.S. Geological Survey	U.S. Soil Conservation Service	15	18	1¼	W	TC	1.8	222 T	2.59	4- 6-59	----	O	CF
000-141-1	SW¼SW¼ sec. 34, T. 5 S., R. 26 E.	L. J. Ivey	Partridge Well Drilling Co.	365	300	3	F	TCr	1.27	11 A	+30.7	1-25-60	72	D, Ir	
000-141-2	Land grant, sec. 38, T. 6 S., R. 26 E.	Marina Motel	D. C. Hardenbrook	431	84	3	F	TT	1.8	10 A	+13.25	6- 8-60	74	D	
000-148-1	NE¼SW¼ sec. 4, T. 6 S., R. 25 E.	Shadowlawn Dairy	Humble Oil Co.	5,862	2,921	20	----	----	-------	105.1 EL	---------	---------	----	OT	CF, Ds, E
000-148-2	SE¼NW¼ sec. 4, T. 6 S., R. 25 E.	--------do--------	----------	-----	-----	----	?	L	.0	----------	26 R	1948	----	S	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
000-151-1	NE¼SW¼ sec. 36, T. 5 S., R. 24 E.	Sam Saunders	----------	275	-----	2	F	L	0.0	----------	+1.50	1-22-60	----	D, Ir, S	
000-151-2	SE¼SE¼ sec. 36, T. 5 S., R. 24 E.	E. D. Saunders	Wilson	400	-----	6	F	TCo	.0	70 A	+1.84	2- 8-60	71.5	Ir, S	
000-152-1	SE¼SW¼ sec. 35, T. 5 S., R. 24 E.	Nathan Boree	----------	9	-----	30	W	TCb	3.4	95 T	7.1	12-21-59	----	N	
001-142-1	SW¼NE¼ sec. 33, T. 5 S., R. 26 E.	E. J. Studebaker	----------	400	-----	4	F	TFa	2.3	14 A	+21.5	1-26-60	73	D, Ir	
001-142-2	NW¼NW¼ sec. 33, T. 5 S., R. 26 E.	B. E. Scott	----------	485	-----	3	F	TT	1.45	21 A	+25.0	1-26-60	72.5	D, Ir	
001-143-1	SW¼SE¼ sec. 29, T. 5 S., R. 26 E.	W. T. Powell	D. C. Harden-brook	374	-----	3	F	TT	1.60	23 A	+23.2	1-28-60	73	D, Ir	
001-144-1	SE¼NE¼ sec. 31, T. 5 S., R. 26 E.	Mrs. W. T. Mitchell	-------do-------	420	60	3	F	TT	3.40	31 A	+23.5	1-26-60	74	D, Ir, S	
002-142-1	NW¼NW¼ sec. 28, T. 5 S., R. 26 E.	Girl Scout Camp	L. Ivey	400	72	6	F	TT	1.1	12.84 EL	+29.3	6-17-60	71.5	P	C-12, Clay-1
002-142-2	NE¼NE¼ sec. 29, T. 5 S., R. 26 E.	-------do-------	D. C. Harden-brook	335	126	3	F	TC	2.8	----------	+35.0	4-22-58	72	P	
002-142-3	NE¼SW¼ sec. 28, T. 5 S., R. 26 E.	J. M. Biddle	-------do-------	388	-----	3	F	TT	1.65	18 A	+25.0	1-25-60	71	D, Ir	
002-146-1	SW¼NE¼ sec. 23, T. 5 S., R. 26 E.	R. E. Lee	-------do-------	528	120	2	F	L	.0	72 T	12 R	1952	----	D, Ir, S	
002-149-1	SW¼NE¼ sec. 29, T. 5 S., R. 25 E.	Magnolia Land Co.	----------	40	-----	2	W	L	.0	88 T	10 R	1954	----	D, Ir	
002-149-2	-------do-------	-------do-------	----------	15	-----	1¼	W	TC	.4	85 T	8.41	1-22-60	----	N	
002-151-1	NE¼NE¼ sec. 25, T. 5 S., R. 24 E.	W. S. Saunders	Partridge Well Drilling Co.	70	60	1¼	W	L	.0	72 T	3 R	11- -59	----	D, Ir	

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					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
002-153-1	SE¼NW¼ sec. 22, T. 5 S., R. 24 E.	T. H. Carter	Hill	215	63	2	SA	TC	1.5	95 T	18.06	1- 7-60	----	N	
002-153-2	SW¼NE¼ sec. 22, T. 5 S., R. 24 E.	Herbert Bell	J. Starling	19	-----	1¼	W	TC	.6	95 T	6.27	1- 4-60	----	N	
002-153-3	-------do-------	-------do-------	Weeks	219	60	2	SA	L	.0	95 T	22 R	1953	----	D	
003-142-1	Land grant, sec. 38, T. 5 S., R. 26 E.	Florida Forest Service	D. C. Hardenbrook	400	-----	3	F	TT	1.33	13 A	+29.5	1-28-60	71	D, Ir	
003-145-1	Land grant, sec. 39, T. 5 S., R. 25 E.	Luther Wilson	C. D. Ace	450	80	4	F	TC	3.6	21 A	+29.3	1- 9-59	73.8	S	C-10
003-145-2	-------do-------	W. R. Lee	Partridge Well Drilling Co.	479	-----	3	F	TCr	.75	21 A	+27.5	1-28-60	73	D, Ir	
003-151-1	NW¼NW¼ sec. 13, T. 5 S., R. 24 E.	Mrs. M. A. Chaulker	Stafford	498	300	3	F	TFa	2.0	29.72 EL	+41.7	8- 7-40	72	D	C-7, Clay-2
003-152-1	SW¼SW¼ sec. 14, T. 5 S., R. 24 E.	Claude Thomas	M. W. Trout	190	-----	2	SA	TT	1.2	25 T	+14.5	1- 8-60	69.5	D	
003-152-2	SW¼SE¼ sec. 14, T. 5 S., R. 24 E.	Roy Robinson	-------do-------	210	80	2	SA	TT	1.70	----------	+20.0	1-21-60	69	D, Ir	
003-153-1	NW¼NE¼ sec. 22, T. 5 S., R. 24 E.	St. Mark's Baptist Church	Partridge Well Drilling Co.	480	80	3	F	L	.0	95 T	18 R	10- -59	----	F	
004-141-1	Land grant, sec. 38, T. 5 S., R. 26 E.	L. C. McKee	L. T. Ivey	500	137	4	F	TT	1.85	17 A	+29.9	1-15-59	76.2	D	C-11
004-141-2	Land grant, sec. 37, T. 5 S., R. 26 E.	High Hammock Farms	D. C. Hardenbrook	-----	-----	6	F(?)	TT	2.65	16 A	+29.0	1-29-60	69	D, Ir, S	
004-144-1	NE¼NE¼ sec. 18, T. 5 S., R. 26 E.	C. C. Howard	Partridge Well Drilling Co.	546	326	3	F	TCr	1.24	13 A	+34.5	1-28-60	74	D, Ir	
004-144-2	Land grant, sec. 40, T. 5 S., R. 26 E.	----------	----------	-----	-----	4	?	TCb	.0	----------	+4.3	1-28-60	73	D	
004-145-1	NE¼NE¼ sec. 14, T. 5 S., R. 25 E.	Dr. Luke Glennan	----------	-----	-----	3	F(?	TT	1.75	12 T	+28.5	1-20-60	74	D, Ir, S	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
004-147-1	NE¼NW¼ sec. 10, T. 5 S., R. 25 E.	R. E. Thorp	D. C. Hardenbrook	485	200	3	F	TT	1.75	18 A	+26.5	1-20-60	72	D, Ir	
004-148-1	NW¼NW¼ sec. 9, T. 5 S., R. 25 E.	R. J. Wolfe	Owens	450	-----	3	F	TCr	.30	5 A	+43.5	1-20-60	71	D, Ir	
004-149-1	SW¼NE¼ sec. 8, T. 5 S., R. 25 E.	Clyde Pierce	Partridge Well Drilling Co.	575	-----	4	F	TCr	2.6	19 A	+40.0	1-20-60	71	Ir, S	
004-150-1	SW¼SW¼ sec. 7, T. 5 S., R. 25 E.	R. F. Gilmore	-------do-------	475	-----	3	F	TT	1.6	17 A	+50.0	1-21-60	71	D, Ir	
004-151-1	NW¼NW¼ sec. 13, T. 5 S., R. 24 E.	Salvyn Frisbae	Stafford	360	330	3	F	----	-------	40 A	---------	---------	71.8	F	C-8
004-153-1	NW¼NE¼ sec. 10, T. 5 S., R. 24 E.	Hercules Inc.	----------	615	-----	3	F	TFa	2.5	26 A	+43.0	1- 6-60	----	D	
004-153-2	-------do-------	H. E. Allen	Partridge Well Drilling Co.	500	-----	3	F	TCr	.65	17 A	+50.0	1-19-60	79	D, Ir	
004-159-1	NE¼SE¼ sec. 10, T. 5 S., R. 23 E.	Louie Carter	----------	58	-----	1¼	W	TC	1.9	87 T	5.88	12-16-59	70.5	D	
005-141-1	NE¼SE¼ sec. 4, T. 5 S., R. 26 E.	N. B. Orsburn	Partridge Well Drilling Co.	525	-----	3	F	TCo	1.1	13 T	+27.0	1-29-60	73	D, Ir	
005-143-1	NE¼SW¼ sec. 5, T. 5 S., R. 26 E.	Gale Koening	Miller	500	330	4	F	TFa	2.40	14 A	+31.0	2- 9-60	67	D, Ir	
005-145-1	NW¼NW¼ sec. 1, T. 5 S., R. 25 E.	F. T. Huntley	Stevens Southern Co.	700	-----	6	F	TD	1.5	19 A	+29.0	1-14-60	74	Ir, S	
005-145-2	NE¼SE¼ sec. 2, T. 5 S., R. 25 E.	S. E. Hickerson	D. C. Hardenbrook	500	219	6	F	TT	2.94	19 A	+26.0	1-14-60	73.5	Ir	E, G
005-150-1	SW¼SE¼ sec. 6, T. 5 S., R. 25 E.	D. E. Baxley	Owens	476	420	2	F	TE	1.55	25 T	+28.8	1-20-60	72	D, Ir	
005-151-1	NE¼NE¼ sec. 37, T. 5 S., R. 24 E.	S. B. Jennings	C. T. Ivey	419	36	6	F	TT	3.0	22 T	+28.6	1-13-59	72.2	D, S	C-9, Clay-3

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
005-152-1	SW¼SW¼ sec. 2, T. 5 S., R. 24 E.	Hercules Inc.	----------	-----	-----	6	F	----	-------	----------	--------	--------	72	S	
006-141-1	Land grant, sec. 46, T. 4 S., R. 26 E.	W. D. Butler	Partridge Well Drilling Co.	750	320	3	F	TT	2.2	7 T	+32.1	1-29-60	74	D, Ir	
006-144-1	NE¼NW¼ sec. 6, T. 5 S., R. 26 E.	E. D. Saunders	Moody	550	440	3	F	TCr	3.35	15 A	+27.5	1-29-60	72.5	D, Ir	
006-146-1	NE¼SW¼ sec. 35, T. 4 S., R. 25 E.	Jacksonville Brick and Tile Co.	C. T. Ivey	414	100	8	F	----	3.0	8 T	+45.0	6- 4-34	72.5	D	C-6, Clay-28
006-146-2	SW¼SW¼ sec. 2, T. 4 S., R. 25 E.	E. B. Lovett	Partridge Well Drilling Co.	414	310	3	F	TR	.13	45 A	+1.3	1-15-60	71	D, Ir	
006-147-1	SW¼NW¼ sec. 34, T. 4 S., R. 25 E.	W. E. Hensen	D. C. Hardenbrook	350	-----	3	F	TT	2.3	10 A	+38.0	1-15-60	73	D, Ir, S	
006-149-1	SW¼SW¼ sec. 32, T. 4 S., R. 25 E.	T. J. Jennings	----------	481	80	4	F	TV	3.3	29.37 EL	+25.8	6-15-60	72	S	Clay-4
006-149-2	NE¼NE¼ sec. 32, T. 4 S., R. 25 E.	John Huntley	Stevens Southern Co.	530	157	4	F	TF	2.5	26.51 EL	+23.0	6-15-60	73	D, Ir	Clay-5
006-150-1	SW¼SW¼ sec. 30, T. 4 S., R. 25 E.	F. P. Davis	M. W. Trout	69	-----	2	W	L	.0	----------	15 R	--------	----	D, Ir, S	
006-150-2	SE¼SE¼ sec. 31, T. 4 S., R. 25 E.	Irvin Padgett	Owens	600	200	3	F	TT	1.9	32 A	+24.25	1-19-60	71	D, Ir, S	
006-151-1	SE¼SW¼ sec. 25, T. 4 S., R. 24 E.	A. D. Crist	M. W. Trout	70	70	2	W	L	.0	73 T	15 R	1954	----	D, Ir	
006-152-1	SW¼SW¼ sec. 26, T. 4 S., R. 24 E.	Marvin Padgett	----------	8	-----	1½	W	TC	2.0	----------	5.75	1- 5-60	----	N	
006-152-2	NW¼NE¼ sec. 35, T. 4 S., R. 24 E.	Avnor Hatcher	Ellison	194	-----	2	SA	----	-------	85 T	--------	--------	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
006-159-1	SW¼SE¼ sec. 27, T. 4 S., R. 23 E.	Hiram Padgett	M. Stokes	68	50	2	W	TC	0.9	78 T	7.45	12-15-59	70.5	D	
006-159-2	SE¼SE¼ sec. 27, T. 4 S., R. 23 E.	Hardy Padgett	-------do-------	62	-----	2	W	TC	.7	85 T	9.24	12-17-59	70.5	D	
007-142-1	SE¼SW¼ sec. 28, T. 4 S., R. 26 E.	G. C. Gourley	Partridge Well Drilling Co.	750	-----	3	F	TCr	1.4	12 A	+31.5	1-29-60	76	D, Ir	
007-143-1	NE¼NW¼ sec. 29, T. 4 S., R. 26 E.	John H. Pace, Jr.	Stevens Southern Co.	473	356	8	F	TT	1.3	3 A	+38.0	1- 5-59	74.2	D, S	
007-144-1	NE¼SW¼ sec. 30, T. 4 S., R. 26 E.	Shank	Partridge Well Drilling Co.	485	-----	2	F	TCr	.80	8 A	+36.7	2- 5-60	71	D, Ir	
007-145-1	SW¼SW¼ sec. 25, T. 4 S., R. 25 E.	B. F. Cherry	-------do-------	450	-----	2	F	TCr	1.45	8 T	+26.0	1-15-60	71	D, Ir	
007-145-2	-------do-------	George Murdock, Jr.	M. W. Trout	400	-----	4	F	TCr	1.40	----------	+19.75	1-19-60	71	D, Ir	
007-147-1	NE¼SE¼ sec. 28, T. 4 S., R. 25 E.	P. L. Knight	-------do-------	460	-----	3	F	TT	1.68	31 A	+20.0	1-15-60	72	D, Ir, S	
007-158-1	NE¼SW¼ sec. 26, T. 4 S., R. 23 E.	Farley Austin	M. Stokes	60	48	2	W	TC	.7	88 T	1.98	12-17-59	70.5	S	
007-159-1	NE¼SE¼ sec. 21, T. 4 S., R. 23 E.	Floyd Johns	-------do-------	80	-----	2	W	TC	.9	80 T	13.66	12-15-59	----	D, S	
007-159-2	NW¼NW¼ sec. 27, T. 4 S., R. 23 E.	Clay Hill Baptist Church	----------	20	-----	1¼	W	TC	.7	95 T	5.57	12-16-59	69.5	P	
007-200-1	SE¼SE¼ sec. 21, T. 4 S., R. 23 E.	Ernie L. Padgett	M. Stokes	135	125	2	SA	TC	1.0	80 T	16 R	9- -54	----	D	
007-200-2	-------do-------	-------do-------	----------	11	10	1½	W	TPS	3.0	80 T	7.22	2-17-60	----	N	
008-145-1	NW¼SE¼ sec. 13, T. 4 S., R. 25 E.	James Sanders	Partridge Well Drilling Co.	460	120	3	F	TCr	1.55	28 A	+20.5	1-15-60	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
008-145-2	NE¼SE¼ sec. 24, T. 4 S., R. 25 E.	Log Cabin Fish Camp	----------	110	-----	2	SA	TT	0.75	----------	+7.5	1-13-60	----	D, Ir	
008-146-1	SW¼NE¼ sec. 23, T. 4 S., R. 25 E.	S. F. Burras	Owens	104	-----	2	SA	L	.0	----------	22 R	1953	----	D, Ir	
008-155-1	NE¼SW¼ sec. 17, T. 4 S., R. 24 E.	S. B. Jennings	Strafford	8	300	3	F	----	--------	35 T	--------	--------	71.5	N	WF, C-5
008-159-1	NW¼SW¼ sec. 22, T. 4 S., R. 23 E.	D. W. Wilkinson	----------	21	-----	----	W	TCb	2.7	85 T	16.2	12-15-59	----	N	
008-200-1	NE¼NE¼ sec. 21, T. 4 S., R. 23 E.	John Wilkinson	W. T. Wright	142	35	2	SA	TC	1.5	75 T	3.5 R	9- -57	----	D	
009-142-1	SE¼SW¼ sec. 41, T. 4 S., R. 26 E.	A. H. Harrington	Partridge Well Drilling Co.	450	-----	3	F	TT	.5	16 A	+27.1	11-18-58	74.5	P	C-2
009-142-2	Land grant, sec. 41 T. 4 S., R. 26 E.	Holly Point Development Co.	Stevens Southern Co.	600	296	6	F	----	-------	10 T	+34.65 R	--------	73.9	P	CF
009-143-1	SE¼SE¼ sec. 7, T. 4 S., R. 26 E.	Yerkes Lab. of Primate Biology	D. Woods	516	500	4½	F	----	-------	----------	--------	--------	----	D	C-1
009-200-1	SE¼NE¼ sec. 16, T. 4 S., R. 23 E.	Jack Wilkinson	M. Stokes	58	58	2	W	TC	1.4	----------	9.93	12-18-59	70.2	S	
009-202-1	NE¼NW¼ sec. 18, T. 4 S., R. 23 E.	J. E. Albright	-------do-------	115	113	2	SA	TC	1.0	155 T	10.05	2-16-60	----	D	
010-141-1	Land grant, sec. 41, T. 4 S., R. 26 E.	T. J. McGriffin, Jr.	L. T. Ivey	530	350	5	F	TT	.9	12 A	+30.0	11-17-58	83.3	D	C-4
010-142-1	-------do-------	----------	Partridge Well Drilling Co.	450	315	2	F	TC	.7	22 A	+21.8	11-18-58	76.2	D	
010-142-2	-------do-------	Dr. Edwin P. Heinrich	Allen	450	300	4	F	TT	3.2	15 A	+30.5	11-19-58	74	D	C-3
010-142-3	-------do-------	----------	----------	43	-----	2	W	TC	.3	14 T	11.42	11-18-58	----	N	
010-142-4	-------do-------	Frank W. Brown Inc.	Stevens Southern Co.	405	335	8	F	----	1.9	22 T	+30.2	2-18-42	----	P	CF

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
010-142-5	Land grant, sec. 41, T. 4 S., R. 26 E.	Clay County Bd. of Public Instr.	D. Partridge	454	294	2	F	----	-------	18 T	--------	--------	----	P	CF
010-145-1	SW¼NE¼ sec. 42, T. 4 S., R. 25 E.	Fred Spencer	Duke and Owens	500	-----	3	F	L	0.0	38 A	+10.5	1-26-60	----	S	
011-149-1	SE¼NW¼ sec. 5, T. 4 S., R. 25 E.	-------do-------	----------	121	-----	6	SA	TC	.32	----------	7.80	1-26-60	----	D	
011-159-1	NW¼NW¼ sec. 3, T. 4 S., R. 23 E.	M. T. Knight	----------	17	12	1¼	W	TC	2.9	85 T	9.78	12-14-59	----	D	
011-201-1	NW¼NE¼ sec. 5, T. 4 S., R. 23 E.	M. A. Strickland	M. Stokes	135	85	2	SA	TC	1.5	95 T	+4.5	2-16-60	----	D	
					Union County										
955-225-1	NE¼NE¼ sec. 32, T. 6 S., R. 19 E.	H. S. Pinkston	Acme Drilling Co.	110	60	4	F	TC	0.5	113 A	59.56	1-28-60	----	D	
955-225-2	NW¼NW¼ sec. 3, T. 6 S., R. 19 E.	R. I. Hamrick	K. Clyatt	91	84	2	F	TC	.0	----------	70 R	2- -58	----	D	
955-225-3	SW¼NW¼ sec. 33, T. 6 S., R. 19 E.	John D. Bielling	S. Parrish	53	48	2	SA	TC	.0	----------	45 R	7- -58	----	D	
955-225-4	SW¼SW¼ sec. 33, T. 6 S., R. 19 E.	U.S. Corps of Engineers	U.S. Corps of Engineers	155	-----	6	F	L	.0	114.5 EL	59.3 R	11- 7-32	----	N	CF
956-222-1	SW¼NE¼ sec. 26, T. 6 S., R. 19 E.	Junior Rainey	J. Rainey, Sr.	25	25	1¼	W	TC	3.0	----------	7.83	1-28-60	----	D	
956-223-1	SE¼SW¼ sec. 23, T. 6 S., R. 19 E.	J. T. Thomas	J. T. Thomas	98	80	2	F	TC	.0	----------	63 R	6- -57	----	D	
956-225-1	NE¼SE¼ sec. 29, T. 6 S., R. 19 E.	Clay Co-op Power Co.	Albert H. Miller	126	78	4	F	TC	.5	----------	60 R	11- -59	----	Id	
956-226-1	NW¼SE¼ sec. 30, T. 6 S., R. 19 E.	I. A. Waters	----------	15	-----	1¼	W	TC	.0	----------	6 R	1951	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
956-226-2	SW¼SW¼ sec. 20, T. 6 S., R. 19 E.	W. L. Brown	Albert H. Miller	350	270	8	F	TC	1.0	124 A	90 R	1957	----	Ir	
956-227-1	SE¼NW¼ sec. 30, T. 6 S., R. 19 E.	J. F. Douglas	J. F. Douglas	12	12	1¼	W	TC	.5	----------	7 R	11- -59	----	D	
956-228-1	NE¼NW¼ sec. 26, T. 6 S., R. 18 E.	W. M. Tomlinson	R. Hewitt	65	53	2	F	TC	1.0	----------	43 R	1-10-60	----	D	
957-221-1	NW¼NW¼ sec. 19, T. 6 S., R. 20 E.	Hoyt M. Mann	Albert H. Miller	112	82	4	SA	TC	1.0	----------	4.93	2-12-60	----	D, S	
957-221-2	--------do--------	--------do--------	D. Duke	79	-----	2	SA	TC	1.0	----------	6.42	2-12-60	----	N	
957-223-1	NW¼SW¼ sec. 14, T. 6 S., R. 19 E.	Glenn Howard	Albert H. Miller	120	88	4	SA	TC	1.0	----------	63 R	1955	----	D	
957-223-2	SE¼NE¼ sec. 22, T. 6 S., R. 19 E.	C. L. Brown	--------do-------	291	103	10	F	TCo	.0	141 A	78.70 78.82	11- 6-59 5-18-60	----	Ir	CF
957-224-1	SW¼SW¼ sec. 15, T. 6 S., R. 19 E.	J. S. Howard	----------	125	-----	4	SA	TC	.5	----------	73.62	11- 6-59	----	D	
957-225-1	NW¼SW¼ sec. 21, T. 6 S., R. 19 E.	U.S. Geological Survey	U.S. Geological Survey	18	15	1¼	W	TC	2.0	----------	4.37	4- 2-59	68	O	
957-226-1	NW¼SE¼ sec. 18, T. 6 S., R. 19 E.	A. S. Bielling	J. J. Hare	147	86	6	F	TC	.5	----------	60 R	1950	----	D, S	
957-227-1	SW¼SW¼ sec. 24, T. 6 S., R. 18 E.	S. M. Brown	----------	330	125	10	F	TPB	1.0	132 A	88.49	5-20-60	72.3	Ir	
957-228-1	NW¼SW¼ sec. 13, T. 6 S., R. 18 E.	C. L. Clyatt	----------	25	25	1¼	W	TC	.5	----------	7 R	1955	----	D	
958-218-1	SW¼NE¼ sec. 16, T. 6 S., R. 20 E.	Seber Johns	Green	85	42	2	SA	TC	.5	----------	22 R	9- -49	----	D	

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					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
958-222-1	NE¼NW¼ sec. 14, T. 6 S., R. 19 E.	Harley Carlton	----------	10	-----	----	W	TCb	2.4	----------	6.27	10-21-58	----	N	
958-222-2	--------do--------	--------do--------	----------	52	-----	1¼	W	TC	1.5	----------	4.20	2- 5-60	----	D	
958-224-1	NW¼SE¼ sec. 15, T. 6 S., R. 19 E.	Canova Howard	Albert H. Miller	128	96	4	SA	TC	1.0	----------	68 R	10- -58	----	D	
958-225-1	SE¼NW¼ sec. 16, T. 6 S., R. 19 E.	C. L. Brown	--------do-------	309	138	10	F	TC	.5	----------	89.87	11- 6-59	----	Ir	
958-227-1	SW¼NE¼ sec. 12, T. 6 S., R. 18 E.	Dewitt Brooks	D. Brooks	30	30	1¼	W	TC	3.0	----------	3.5 R	1956	----	D	
958-229-1	SW¼NE¼ sec. 10, T. 6 S., R. 18 E.	J. D. Douglas	Bub Williams	112	112	2	SA	TC	1.5	----------	107 R	1952	----	D	
958-229-2	--------do--------	--------do--------	J. D. Douglas	22	21	1¼	W	TC	.5	----------	9 R	1948	----	D, S	
958-230-1	NW¼SW¼ sec. 10, T. 6 S., R. 18 E.	A.M.E. Church	----------	15	15	1¼	W	TC	2.5	----------	9.04	2-11-59	65	P	
958-231-1	NE¼NE¼ sec. 17, T. 6 S., R. 18 E.	Ruby Williams	Bub Williams	70	63	2	F	TC	1.0	----------	60 R	1953	----	D	
958-231-2	SW¼SE¼ sec. 8, T. 6 S., R. 18 E.	Romeo Williams	--------do-------	90	84	2	F	TC	.5	----------	60 R	1951	----	D	
958-233-1	SE¼SE¼ sec. 12, T. 6 S., R. 17 E.	A. L. Brown	J. Wilhoit	205	-----	4	F	TF	.7	----------	50.80	8- 6-57	----	D	
959-216-4	NE¼SW¼ sec. 2, T. 6 S., R. 20 E.	Frank Laffin	D. Duke	60	42	2	SA	TC	.5	----------	7 R	1945	----	D	
959-217-1	NE¼NW¼ sec. 10, T. 6 S., R. 20 E.	C. O. Welch	----------	225	-----	6	F	TC	.0	116 A	51.02	11- 5-59	72	Ir	
959-217-2	NE¼SW¼ sec. 10, T. 6 S., R. 20 E.	--------do--------	----------	61	-----	2	SA	TC	1.5	----------	40.94	11- 5-59	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
959-217-3	NW¼SE¼ sec. 10, T. 6 S., R. 20 E.	C. O. Welch	D. Duke	56	25	2	SA	TC	0.5	----------	16.54	11- 5-59	----	D	
959-220-1	SE¼NW¼ sec. 6, T. 6 S., R. 20 E.	F. M. Duke	Albert H. Miller	88	70	4	SA	TC	1.0	----------	30 R	1954	----	D	
959-224-1	SW¼NE¼ sec. 4, T. 6 S., R. 19 E.	G. J. Waters	G. J. Waters	87	-----	1¼	W	TC	.5	----------	12 R	1955	----	D	
959-229-1	SW¼NW¼ sec. 12, T. 6 S., R. 18 E.	Eurie Brown	Keen	264	-----	4	F	TC	1.0	----------	120 R	1949	----	D, S,	
959-231-1	SE¼SW¼ sec. 5, T. 6 S., R. 18 E.	Jessie E. Gay	J. E. Gay	28	25	1¼	W	TC	3.0	----------	14 R	1- 5-60	----	D	
959-233-1	NE¼NE¼ sec. 12, T. 6 S., R. 17 E.	Mrs. Smith Williams	J. Wilhoit	106	80	4	F	TC	.5	129.73 EL	94.07	12-11-57	----	D	
959-233-2	SW¼NW¼ sec. 6, T. 6 S., R. 18 E.	John Smith	-------do-------	131	78	4	F	TC	.5	----------	98	12-10-57	----	D	CF
000-220-1	NE¼NW¼ sec. 31, T. 5 S., R. 20 E.	Union County School Bd.	J. Wilhoit	265	84	4	F	TC	.0	----------	74 R	9- -56	----	P	
000-220-2	SE¼NW¼ sec. 31, T. 5 S., R. 20 E.	C. C. Crawford	B. Dekle	95	-----	2	SA	TC	.5	----------	30 R	1948	----	D	
000-226-1	SW¼NE¼ sec. 31, T. 5 S., R. 19 E.	Ray Crawford	J. Green	108	86	2	SA	TC	1.0	----------	64 R	1949	----	D, S	
000-226-2	NW¼SE¼ sec. 31, T. 5 S., R. 19 E.	-------do-------	-------do-------	69	-----	2	SA	TC	1.0	----------	18.02	2-11-60	----	N	
000-227-1	NW¼NE¼ sec. 1, T. 6 S., R. 18 E.	T. M. Crawford	Acme Drilling Co.	142	17	4	SA	----	--------	149 A	---------	--------	----	D	
000-230-1	NE¼NE¼ sec. 4, T. 6 S., R. 18 E.	Raleigh Beilling	J. J. Hare	120	60	4	F	TC	.5	----------	100 R	1952	----	D	
000-232-1	NW¼NW¼ sec. 5, T. 6 S., R. 18 E.	Tanner	----------	15	-----	1¼	W	TT	.7	145.6 EL	3.35	12-11-57	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
000-232-2	NW¼NW¼ sec. 32, T. 5 S., R. 18 E.	Eula B. Harden	Acme Drilling Co.	113	-----	4	F	TC	1.0	----------	74.20	2/10/60	----	D	
000-232-3	NW¼NW¼ sec. 5, T. 6 S., R. 18 E.	R. Tanner	J. Wilhoit	165	90	4	F	TF	1.1	153 T	95 97.40	10-11-57 12- 9-58	74	D	
000-233-1	NW¼NE¼ sec. 1, T. 6 S., R. 17 E.	C. M. Woodley	Henderson	125	105	4	F	TC	.0	----------	98 R	9- -55	----	D	
001-219-1	NE¼NE¼ sec. 31, T. 5 S., R. 20 E.	City of Lake Butler	----------	357	-----	12	F	TPB	1.0	----------	67.39	5-19-60	----	P	
001-219-2	-------do-------	-------do-------	----------	402	30	10	F	TPB	1.0	----------	60 R	1948	72	P	
001-220-1	NE¼SW¼ sec. 30, T. 5 S., R. 20 E.	Arch Dobbs	D. Duke	71	-----	2	SA	TC	1.5	----------	8.22	11- 5-59	----	D	
001-220-2	SE¼SE¼ sec. 30, T. 5. S., R. 20 E.	G. W. Langley	-------do-------	60	42	2	SA	TC	1.0	----------	10 R	11- -58	----	D	
001-224-1	NW¼NE¼ sec. 33, T. 5 S., R. 19 E.	U.S. Geological Survey	Albert H. Miller	256	198	4	F	L	.0	156 A	90.85	9- 8-59	75	O	CF, E, G
001-227-1	SW¼NE¼ sec. 25, T. 5 S., R. 18 E.	International Paper Co.	----------	110	70	3	SA	TC	.0	----------	90 R	9- -50	----	D	
001-231-1	SE¼SE¼ sec. 29, T. 5 S., R. 18 E.	Odis Bielling	Acme Drilling Co.	145	90	4	F	TC	1.0	134 A	84.40	2-10-60	----	D, S.	
001-231-2	NW¼SW¼ sec. 28, T. 5 S., R. 18 E.	W. E. Roberts	Ben Smith	98	60	2	SA	TC	2.0	----------	65 R	3- -58	----	D	
002-213-1	NW¼NE¼ sec. 29, T. 5 S., R. 21 E.	J. M. Conner	R. Green	75	35	2	SA	TC	1.0	----------	6 R	9- -59	----	D	
002-214-1	SW¼NW¼ sec. 30, T. 5 S., R. 21 E.	Mrs. Mary Mott	----------	55	42	1¼	W	TC	1.5	----------	5 R	1955	----	D	
002-216-1	NW¼SE¼ sec. 23, T. 5 S., R. 20 E.	I. B. Harrison	----------	99	-----	1¼	SA	TC	1.5	----------	11.33	11- 3-59	----	N	
002-216-2	-------do-------	-------do-------	----------	96	-----	2	SA	TC	1.0	----------	10.12	11- 3-59	----	N	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
002-218-1	NA¼SE¼ sec. 21, T. 5 S., R. 20 E.	U.S. Geological Survey	U.S. Soil Conservation Service	26	23	1¼	W	TC	1.9	----------	7.02	4- 2-59	----	O	CF
002-218-2	NE¼SW¼ sec. 21, T. 5 S., R. 20 E.	Herman E. Hodges	H. E. Hodges	78	78	1¼	SA	TC	.0	----------	4 R	1952	----	D	
002-218-3	SW¼NE¼ sec. 21, T. 5 S., R. 20 E.	Herman Roberts	D. Duke	70	60	2	SA	TC	1.0	----------	7 R	10-25-59	----	D	
002-219-1	NE¼NE¼ sec. 29, T. 5 S., R. 20 E.	Butler Hendricks	B. Hendricks	47	45	1¼	W	TC	1.5	----------	16 R	1945	----	D	
002-223-1	NW¼NE¼ sec. 22, T. 5 S., R. 19 E.	Owen-Illinois Glass Co.	D. Howell	175	-----	6	SA	TC	.0	146 A	83.51	11- 6-59	----	N	
002-230-1	NW¼NE¼ sec. 21, T. 5 S., R. 18 E.	Leona Croft	Acme Drilling Co.	136	-----	4	SA	TC	.5	132 A	81.85	2-10-59	----	D	
003-213-1	SW¼NW¼ sec. 17, T. 5 S., R. 21 E.	Mrs. D. W. Mattox	L. Barton	100	58	2	SA	TC	1.5	----------	20.5 R	10- 7-59	----	D	
003-214-1	NW¼NE¼ sec. 19, T. 5 S., R. 21 E.	R. A. Reddish	John Hunt	53	-----	1¼	W	TC	5.0	----------	8.15	11- 3-59	----	D	
003-214-2	NW¼SW¼ sec. 18, T. 5 S., R. 21 E.	Mrs. Nola Cason	J. A. Burnett	165	45	2	SA	TC	1.0	----------	8 R	1957	----	D	
003-215-1	NW¼NE¼ sec. 24, T. 5 S., R. 20 E.	M. D. Dobbs	----------	17	17	1¼	W	TC	1.8	----------	6.85	5- 9-58	----	F	
003-219-1	NW¼SE¼ sec. 17, T. 5 S., R. 20 E.	Johnny Arnold	D. Duke	-----	-----	2	SA	TR	1.0	150 A	12.33	11- 4-59	----	D	
003-224-1	NE¼SE¼ sec. 16, T. 5 S., R. 19 E.	Owen-Illinois Glass Co.	Duval Drilling Co.	396	70	8	F	TC	1.5	132 A	71.42	7- 1-60	73	Ir	
003-229-1	SW¼SW¼ sec. 11, T. 5 S., R. 18 E.	Royce Shaw	D. Dukes	20	20	1¼	W	TC	1.5	----------	7 R	1950	----	D	
003-231-1	SE¼NE¼ sec. 17, T. 5 S., R. 18 E.	D. H. Croft	C. Allen	25	20	1¼	W	TC	.0	----------	8 R	2-10-60	----	D	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
004-211-1	SW¼SE¼ sec. 10, T. 5 S., R. 21 E.	Florida State Prison	Duval Drilling Co.	612	281	12	F	----	-------	----------	71.5	2-27-56	----	P	CF
004-211-2	-------do--------	-------do-------	Ohio Well Drilling Co.	518	195	12	F	----	-------	----------	--------	--------	----	N	
004-211-3	NW¼NE¼ sec. 15, T. 5 S., R. 21 E.	-------do-------	Stevens Southern Co.	430	288	12	F	TC	1.0	127.0 EL	58.33	11- 4-40	----	Ir	CF
004-213-1	SE¼SE¼ sec. 8, T. 5 S., R 21 E.	Florida Forest Service	----------	102	60	1¼	SA	L	.0	----------	4 R	1950	----	D	
004-214-1	NW¼NE¼ sec. 18, T. 5 S., R. 21 E.	Hubert Bennett	J. Burnett	96	70	2	SA	TC	.5	----------	6 R	10- 8-45	----	D	
004-224-1	NW¼NW¼ sec. 10, T. 5 S., R. 19 E.	Owen-Illinois Glass Co.	----------	40	31	2	W	TCo	1.0	----------	10.01	2-11-60	----	D	
004-226-1	NE¼NE¼ sec. 7, T. 5 S., R. 19 E.	C. D. Winningham	K. Clyatt	75	63	2	SA	TC	.5	----------	8 R	7- -57	----	D	
004-227-1	SE¼SW¼ sec. 6, T. 5 S., R. 19 E.	Croft	J. Wilhoit	175	140	2	F	TC	.0	----------	110 R	1955	----	D	
004-228-1	NW¼SW¼ sec. 1, T. 5 S., R. 18 E.	Mrs. Mary L. Courson	Bradley	158.	-----	4	F	TC	1.0	142 A	87.43	2- 5-60	----	N	
004-228-2	SW¼NW¼ sec. 12, T. 5 S., R. 18 E.	H. C. Brannen	----------	18	15	1¼	W	TC	1.5	----------	6.40	2- 8-60	----	D	
004-229-1	NW¼NE¼ sec. 10, T. 5 S., R. 18 E.	New Zion Cemetery	----------	17	17	1¼	W	TC	2.5	----------	8.28	4- 1-58	66	P	
004-230-1	SW¼SW¼ sec. 3, T. 5 S., R. 18 E.	Nelson D. Croft	----------	30	20	1¼	W	TC	1.0	----------	12.15	2- 8-60	----	D	
005-222-1	SE¼NW¼ sec. 1, T. 5 S., R. 19 E.	Mt. Zion Cemetery	----------	35	-----	1¼	W	TC	2.0	----------	19.99	4- 1-58	67.3	P	
005-228-1	NE¼NW¼ sec. 1, T. 5 S., R. 18 E.	Douglas Cemetery	----------	38	-----	1¼	W	TC	2.5	----------	9.53	4- 1-58	66	P	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
006-209-1	NW¼NW¼ sec. 36, T. 4 S., R. 21 E.	New River Methodist Church	----------	51	-----	2	W	TC	3.0	----------	7.41	11- 2-59	----	F	
006-212-1	SE¼SE¼ sec. 28, T. 4 S., R. 21 E.	Mrs. W. F. Rosier	J. Burnett	80	63	2	SA	TC	.0	----------	10 R	6- -58	----	D	
006-215-1	SE¼SE¼ sec. 36, T. 4 S., R. 20 E.	M. W. Kitler	--------do------	140	69	2	SA	TC	1.0	----------	54 R	8- -55	----	D	
007-209-1	SW¼NE¼ sec. 25, T. 4 S., R. 21 E.	Ruffin Griffis	R. Griffis	65	40	1¼	SA	TC	4.0	----------	9 R	1950	----	D	
007-210-1	SE¼SW¼ sec. 23, T. 4 S., R. 21 E.	W. H. Clayton	J. A. Burnett	62	48	2	SA	TC	.5	----------	8 R	7-29-59	----	D	
007-211-1	NE¼SE¼ sec. 27, T. 4 S., R. 21 E.	Carlos Rosier	--------do------	180	-----	2	SA	TC	.0	----------	60 R	7- -58	----	D	
007-212-1	NW¼SW¼ sec. 28, T. 4 S., R. 21 E.	Melvin Harris	--------do------	135	74	2	SA	TC	.0	----------	35 R	11- -55	----	D	
007-222-1	NW¼SE¼ sec. 23, T. 4 S., R. 19 E.	U.S. Geological Survey	Central Florida Well Drillers	724	694	8	F	TC	2.95	155.75 EL	90.85	8-26-60	73	O	CF, E
008-210-1	SE¼SE¼ sec. 23, T. 4 S., R. 21 E.	M. M. Griffis	M. M. Griffis	35	35	1¼	W	TC	1.5	----------	4 R	6- -52	----	D	
ADJACENT COUNTIES															
Baker County															
009-227-1	NW¼NW¼ sec. 7, T. 4 S., R. 19 E.	Owen-Illinois Glass Co.	Fields and Randall Drilling Co.	92	-----	10	SA	TC	0.6	145.0 EL	85	4-10-58	----	OT	E
014-208-1	SW¼SE¼ sec. 18 T. 3 S., R. 22 E.	State of Florida	----------	650	600	8	F	TE	.8	137.37 EL	72.49	1-26-60	----	P	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
Duval County															
011-146-1	NW¼SE¼ sec. 35, T. 3 S., R. 25 E.	J. H. Stanley	M. W. Trout	220	185	2	F	L	0.0	13 T	+5.9	1-26-60	72	D, Ir	
011-146-2	-------do-------	L. D. Skinner	Miller	190	-----	2	F	L	.0	13 T	+6.47	1-26-60	71	D, Ir	
012-141-1	NE¼NE¼ sec. 44, T. 3 S., R. 26 E.	Jacksonville NAS	Stevens Southern Co.	646	271	12	F	----	-------	----------	---------	--------	----	P	
012-142-1	NW¼NW¼ sec. 44, T. 3. S., R. 26 E.	-------do-------	-------do------	1,096	316	10	F	L	.0	20 T	+27.98 R	7- -50	----	P	
013-140-1	Land grant, sec. 23, T. 3 S., R. 26 E.	-------do-------	---------------	708	463	8	F	----	-------	----------	---------	--------	----	N	
013-140-2	-------do-------	-------do-------	Stevens Southern Co.	1,005	380	12	F	L	.0	9.25 EL	+43.7 R	8- -40	80.5	P	
013-140-3	-------do-------	-------do-------	-------do-------	998	464	12	F	L	.0	----------	+45.88 R	7- -50	82	P	
013-141-1	Land grant, sec. 39, T. 3 S., R. 26 E.	-------do-------	-------do-------	1,015	318	12	F	L	.0	20.82 EL	+46.62 R	7- -50	----	P	CF
013-142-1	SE¼SE¼ sec. 42, T. 3 S., R. 26 E.	-------do-------	-------do------	988	400	12	F	L	.0	15.5 EL	+50.92 R	7- -50	----	P	CF
013-153-1	SW¼NE¼ sec. 22, T. 3 S., R. 24 E.	-------do-------	-------do------	990	433	10	F	L	.0	80.02 EL	17.23 R	5- -41	----	P	CF
013-153-2	NE¼NE¼ sec. 22, T. 3 S., R. 24 E.	-------do-------	Duval Drilling Co.	950	450	10	F	L	.0	75 T	33 R	--------	----	P	
013-153-3	SE¼NE¼ sec. 22, T. 3 S., R. 24 E.	-------do-------	Stevens Southern Co.	887	400	10	F	L	.0	80 T	31 R	--------	----	P	
014-152-1	SW¼SW¼ sec. 14, T. 3 S., R. 24 E.	-------do-------	Duval Drilling Co.	-----	-----	----	?	----	-------	----------	---------	--------	77.2	P	

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
014-152-2	NE¼SE¼ sec. 15, T. 3 S., R. 24 E.	Jacksonville NAS	Gray Well and Pump Co.	1,303	485	12	F	L	0.0	80 T	28 R	--------	78.3	F	
014-153-1	SW¼SW¼ sec. 10, T. 3 S., R. 24 E.	-------do-------	Stevens Southern Co.	780	440	10	F	----	--------	79.6 EL	--------	--------	----	N	CF
014-153-2	-------do-------	-------do-------	-------do-------	82	467	10	F	TC	1.07	83 T	25.77	1-23-59	----	N	
Gilchrist County															
936-243-1	SE¼NE¼ sec. 20, T. 10 S., R. 16 E.	W. N. White	Gainesville Equipment Co.	327	325	4	F	TC	1.0	72.54 EL	5.63	4-22-58	----	D	
Levy County															
926-230-1	SW¼NW¼ sec. 15, T. 12 S., R. 18 E.	U.S. Geological Survey	U.S. Geological Survey	7	5	1¼	---	TC	0.0	55.3 EL	5.92	10-23-58	----	---	
930-233-1	SW¼SE¼ sec. 24, T. 17 S., R. 14 E.	M. E. Heirs	-------do-------	7	5	1¼	---	TC	1.5	43.33 EL	3.43	2-10-58	56	O	
Putnam County															
934-158-1	SE¼NE¼ sec. 34, T. 10 S., R. 23 E.	G. W. Lee	Gainesville Equipment Co.	261	207	4	F	L	0.0	90.85 EL	9	2- 5-58	----	D	
939-202-1	SE¼NW¼ sec. 6, T. 10 S., R. 23 E.	T. J. Tyler	S. Jordan	83	80	2	SA	TC	1.0	159 T	26 R	1948	----	D	
942-200-1	NE¼SE¼ sec. 8, T. 9 S., R. 23 E.	Lake Rosa Community	----------	129	-----	10	F	TC	.2	99.61 EL	10.65	2- 6-56	----	---	
942-200-3	NE¼NE¼ sec. 17, T. 9 S., R. 23 E.	U.S. Geological Survey	Central Florida Well Drillers	54	41	6	W	TCo	3.0	----------	37.45	12-30-58	----	O	CF

Well number	Location	Owner	Driller	Depth of well, in feet below land surface	Casing		Aquifer	Measuring point			Water level		Temperature (°F)	Use	Remarks
					Depth (feet)	Diameter (inches)		Description	Distance above or below (-) land surface (feet)	Elevation above mean sea level (feet)	Above (+) or below measuring point (feet)	Date of measurement			
942-202-1	NE¼SE¼ sec. 13, T. 9 S., R. 22 E.	Archie Yoeman	S. Jordan	175	84	2	F	TC	.0	----------	60 R	--------	----	D, Ir	
942-202-2	SW¼SE¼ sec. 18, T. 9 S., R. 23 E.	W. R. Campbell	----------	30	-----	1¼	W	TC	1.5	----------	15.76	7-28-59	----	N	
943-152-1	NE¼NE¼ sec. 10, T. 9 S., R. 24 E.	Gene Wise	F. Sikes	151	-----	3	SA	TC	.3	124.89 EL	43.63	9-17-59	----	N	E
944-157-2	NE¼NW¼ sec. 1, T. 9 S., R. 23 E.	Abeline Baptist Church	E. McGollis	119	80	2	SA	TC	.3	110 T	32 R	6- -58	----	P	
945-142-1	SW¼SW¼ sec. 33, T. 8 S., R. 26 E.	Hudson Pulp and Paper Co.	Layne-Atlantic Co.	700	174	12	F	L	.0	----------	27 R	4-28-56	----	Id	CF, E
950-137-1	NE¼NE¼ sec. 5, T. 8 S., R. 27 E.	E. J. Hickey	----------	241	96	3	F	TB	2	14 A	+17.8	2-15-60	76	S	E

Table 4. Geologic Logs of Selected Wells

The geologic names used in this report conform to the usage of the Florida Geological Survey and also, except for the Choctawhatchee Formation and the Ocala Group and its subdivisions, with those of the U.S. Geological Survey. Numbers preceded by W are Florida Geological Survey well numbers.

Alachua County
Well 936-236-1
(W-4929)

Material	Depth, in feet below land surface
Older Pleistocene terrace deposits:	
No sample	0 - 12
Sand, tan to light-yellow, fine	12 - 14
Alachua Formation:	
Clay, gray, sandy	14 - 20
Clay, reddish, sandy; white limestone	20 - 30
Sand, tan, fine; dark-blue clay	30 - 35
Clay, yellow, sandy; fine sand layers	35 - 38
Clay, reddish, sandy	38 - 42
Ocala Group:	
Limestone, white, soft coquina; foraminifers; clay	42 - 44
Limestone, cream-colored, sandy, coquina; foraminifers	44 - 49
As above, but white to light-gray	49 - 53
As above, but cream-colored	53 - 64
As above, but white to light-gray and softer	64 - 72
As above, plus some hard dense, tan limestone	72 - 74
No sample	74 - 83
Limestone, yellow to tan, hard; foraminifers; sand, tan fine	83 - 107
As above, very little sand	107 - 112
As above, light-gray, hard; clay, yellow	112 - 117
As above, tan; clay with white, quartz sand; limonite	117 - 122
Avon Park Limestone:	
Limestone, tan, dolomitic; foraminifers; limonite; sand, white, quartz, fine	122 - 127
Dolomite, brown, sugary textured; foraminifers; limonite; clay; sand, white, quartz, fine	127 - 142
As above, but soft and crumbly	142 - 151
Cavity	151 - 152
Dolomite, brown, calcareous; foraminifers; sand, white, fine	152 - 162
As above, but less clay and sand and porous. Few foraminifers.	162 - 222
Lake City Limestone:	
Limestone, grayish-green and tan, hard, dolomitic	222 - 232
As above, porous, and fossiliferous	232 - 242
As above, but with dense gray limestone	242 - 247
As above, but no fossils	247 - 252

Bradford County
Well 950-213-1
(W-5180)

Older Pleistocene terrace deposits:	
Sand, black, organic	0 - 0.5
Clay, yellow, soft, sandy; some gray and red sandy clay	0.5 - 9
Sand, tan, clayey; gray sandy clay balls	9 - 12
Hawthorn Formation:	
Clay, light-gray, medium hard, sandy; thin sandstone layers	12 - 15
Sand, light-gray, clayey; some medium hard gray sandy clay	15 - 18
Sand, tan, clayey; sandstone layers	18 - 28
As above, no sandstone layers	28 - 30
As above, some black phosphorite	30 - 35
Clay, yellow and gray, medium hard, sandy; some clayey sand or clay silt; black phosphorite grains; shark's teeth and few fossil molds	35 - 38
Sand, olive-drab, clayey; abundant phosphorite; tan and yellow limestone; fossil molds and casts	38 - 47
As above, phosphorite pebbles	47 - 58
As above, with light-gray to white limestone fragments	58 - 63
Limestone, light-gray to white; phosphorite grains and pebbles; hard gray and yellow calcareous clay; fossil molds	63 - 65

Table 4.--Continued

Well 950-213-1--Continued

Material	Depth, in feet below land surface
Hawthorn Formation--Continued	
Limestone, light-gray, dense; some phosphatic sandy limestone; a little gray calcareous clay	65 - 68
Limestone, light-gray, sandy; a few phosphorite grains	68 - 73
Limestone, gray, sandy; limestone, gray, dense; limestone grayish-green, silicified; some phosphorite grains	73 - 78
Limestone, grayish-green, siliceous, dolomitic; some light-gray sandy limestone	78 - 88
Limestone, light-gray, sandy, phosphatic; phosphorite grains and pebbles	88 - 102
Limestone, grayish-green, siliceous, dolomitic	102 - 110
As above, some light-gray limestone; phosphorite; a little calcareous clay	110 - 122
Clay, grayish-green, hard, sandy; some gray limestone; some green dolomite	122 - 123
Clay, gray, medium hard; interbedded light gray limestone; gray dolomite; some shell	123 - 125
Limestone, white to light-gray; shell, Ostrea sulleformis; some sandy phosphatic limestone; gray sandy calcareous clay; green shale	125 - 133
Limestone, dark-gray to brown, dolomitic; some sandy limestone.	133 - 138
Sand, fine to medium; gray, brown, and greenish-gray limestone; dolomitic limestone; phosphorite grains; clay	138 - 149
Clay, gray, soft, sandy, calcareous; thin limestone beds; phosphorite grains	149 - 159
Limestone, dark-gray to brown, hard, dolomitic; light-gray limestone; grayish-green dolomite; fine to medium quartz sand; black phosphorite grains; some gray sandy clay	159 - 166
Ocala Group:	
Limestone, gray to brown; white limestone; foraminifers	166 - 176
Limestone, light-gray to cream-colored, fossiliferous	176 - 189
Limestone, dark-gray or brown; light-gray coquina limestone; fine to medium quartz sand and some black phosphorite grains.	189 - 207

Well 952-204-1
(W-5239)

Older Pleistocene terrace deposits:	
Clay, tan; fine sand	0 - 5
Clay, light-gray; fine sand	5 - 20
Clay, gray to orange to brown; fine sand	20 - 23
Clay, brown to orange; medium to fine sand	23 - 28
Sand, brown, fine to coarse; some heavy mineral grains	28 - 38
Clay, gray; fine to coarse sand; some heavy mineral grains	38 - 43
As above, plus some orange and yellow sandy clay	43 - 48
Choctawhatchee Formation:	
Clay, gray; fine sand; some heavy mineral grains	48 - 56
As above, plus white limestone fragments and yellow marl	56 - 60
Sand, gray, fine; black phosphorite grains; yellow marl, indurated in part; thin limestone lenses, few fossil molds and casts	60 - 64
Clay, gray; fine gray sand; yellow marl, indurated in part; fossil molds and casts; phosphorite	64 - 68
Hawthorn Formation:	
Clay, gray; fine gray sand; thin limestone layers; abundant grains of black phosphorite	68 - 81
Clay, gray; coarse sand; limestone fragments; black phosphorite rock fragments	81 - 96
Clay, greenish-gray; fine to coarse gray sand; black phosphorite grains; some limestone fragments	96 - 116
As above, plus black phosphorite gravel	116 - 120
Clay, greenish-gray; sand; black phosphorite sand; white limestone fragments	120 - 124
As above, plus hard limestone layer	124 - 128

Table 4.--Continued

Well 952-204-1--Continued

Material	Depth, in feet below land surface
Hawthorn Formation--Continued	
As above, but with less hard limestone	128 - 135
As above, plus coarse sand	135 - 137
Clay, greenish-gray; coarse sand; black phosphorite gravel; fragments of sandy limestone	137 - 147
Clay, greenish-gray, dense; black phosphorite grains; some sand; some limestone fragments	147 - 152
Clay, white; fine to coarse white sand; lumps of green clay	152 - 157
Sand, white, fine to coarse; black phosphorite grains; limestone fragments; rounded sandstone gravel; oyster shell	157 - 159
Sand, white; black phosphorite grains; limestone fragments; some clay	159 - 168
As above, plus brown clay	168 - 175
Clay, brown, dense; fine white sand; black phosphorite grains	175 - 179
As above, increase in sand; small limestone fragments	179 - 182
Sand, white, fine to coarse; black phosphorite grains	182 - 183
As above, plus sandstone fragments; hard gray limestone fragments	183 - 184
Clay, brown; fine to medium coarse; black phosphorite sand; gray limestone fragments	184 - 196
Clay, dark-gray; fine to coarse sand; black phosphorite grains.	196 - 202
Clay, greenish-gray; medium fine to coarse sand; fine black phosphorite grains	202 - 205
As above, plus white and gray limestone fragments	205 - 208
Limestone, gray, hard, dolomitic in part; black phosphorite gravel; brown clay	208 - 210
Clay, brown; medium fine to coarse white sand; gray limestone fragments; black phosphorite sand and gravel	210 - 214
As above, plus dolomitic fragments	214 - 219
Limestone, gray and white; black phosphorite gravel; fine to coarse sand	219 - 229
Ocala Group:	
Limestone, white, soft; foraminifera; black phosphorite sand	229 - 239
As above, plus medium to very coarse white sand; shell fragments	239 - 254
As above, only finer sand and phosphorite	254 - 259
Limestone, white, fragments; fine white sand; fine black phosphorite; some shell	259 - 264
Limestone, brown, dolomitic; white limestone fragments; fine sand; black phosphorite sand	264 - 269
Limestone, white; fine white sand; fine black phosphorite sand; some shell fragments	269 - 284

Well 000-210-2
(W-5187)

Older Pleistocene terrace deposits:	
Sand, black, organic	0 - 0.7
Sand, white, fine	0.7 - 4
Clay, gray to red; sand	4 - 5
Clay, gray, tough; fine pink clayey sand	5 - 10
Sand, pink, fine; clay	10 - 19
Sand, tan, fine; clay	19 - 24
Choctawhatchee Formation:	
Sand, yellow, fine; clayey; yellow marl, partly indurated; some black and brown phosphorite; fossil molds and casts	24 - 28
As above, plus thin limestone layers	28 - 34
Clay, tan, sandy, phosphatic; yellow marl; tan sandy phosphatic limestone; black and red phosphorite grains and nodules; shark's teeth	34 - 47
As above, plus abundant brown pebble size phosphorite; dwarf mollusk shells	47 - 54

Table 4.--Continued

Well 000-210-2--Continued

Material	Depth, in feet below land surface
Hawthorn Formation:	
Limestone, white and yellow; gray phosphatic clay; abundant black phosphorite	54 - 65
Clay, gray, soft; sand; phosphorite; thin white limestone and sandy limestone beds	65 - 76
As above, plus increase in limestone layers	76 - 90
Limestone, white and yellow, small fragments; black phosphorite; some sand	90 - 96
Limestone, gray, sandy; gray, calcareous, phosphatic sandstone; yellow and white limestone; clear quartz sand	96 - 130
Sand, clear, fine to medium, quartz; grains and pebbles of phosphorite; sandy phosphatic clay; some tan to gray sandy phosphatic limestone	130 - 147
Clay, gray, calcareous, phosphatic; sand	147 - 152
Limestone, light-gray, sandy, phosphatic; light-gray, calcareous, phosphatic sandstone; some light-gray sandy, phosphatic clay.	152 - 157
Sandstone, gray, soft, calcareous, phosphatic; some dense gray hard limestone; fine to medium quartz sand	157 - 162
Clay, gray, soft, calcareous, phosphatic, sandy; gray phosphatic limestone; gray, calcareous, phosphatic, sandstone	162 - 171
Sand, gray, fine to medium, clayey; some gray, sandy, phosphatic clay; black and amber phosphorite grains	171 - 196
Sand, white and light-gray, clayey, phosphatic; thin beds of light-gray limestone; some dark-gray to brown, sandy clay; phosphorite	196 - 220
Clay, dark-gray, tough; sandy phosphatic clay	220 - 223
Clay, light to dark-gray; phosphorite; sand	223 - 225
As above, plus shell fragments and white limestone fragments	225 - 232
As above, plus some sand and tan, dolomitic limestone	232 - 239
Sand, very coarse, subangular to subrounded, quartz; brown phosphorite grains; green clay; fragments of white limestone and dolomitic limestone	239 - 242
Limestone, brown, dense, dolomitic; medium to coarse quartz sand; phosphorite grains; green sandy clay	242 - 248
Sand, coarse; brown, black, and amber phosphorite; some dolomitic limestone	248 - 251
Clay, tan; sand; phosphorite; some limestone fragments	251 - 254
Sand, fine to medium; hard, tan and brown dolomitic limestone	254 - 259
Ocala Group:	
Limestone, brown, dolomitic; fine to coarse quartz sand	259 - 266
Limestone, light gray to cream-colored, fossiliferous; foraminifera	266 - 276
As above, largely a coquina	276 - 294

Clay County
Well 943-202-3
(W-5331)

Older Pleistocene terrace deposits:	
Sand, brown, fine to medium; white sandy clay; organic material	0 - 21
Clay, brownish-gray; fine sand	21 - 24
Clay, gray, dense; fine sand	24 - 26
As above, with increase in sand; limonite	26 - 29
Sand, dark-brown to white, fine; some clay	29 - 34
Clay, light-gray; very fine sand	34 - 44
Unnamed coarse clastics:	
Sand, white, fine; black organic material; some clay	44 - 49
Clay, light-gray, heavy; fine sand and clayey sand	49 - 54
As above, plus streaks of orange sandy clay	54 - 57
Sand, white, fine to coarse; light-gray clay	57 - 62
As above, plus heavy mineral	62 - 79
Sand, white to clear, medium to very coarse; some clay	79 - 82
Sand, gray, medium to coarse; some clay	82 - 90

Table 4.--Continued

Well 943-202-3--Continued

Material	Depth, in feet below land surface
Choctawhatchee Formation:	
Clay, gray; fine sand; fine to medium black phosphorite sand; tan and yellow marl	90 - 93
As above, plus white limestone fragments	93 - 98
Clay, light-gray; fine sand; black phosphorite sand and gravel; gray limestone fragments; shark's teeth; few fossil molds and casts	98 - 114
Hawthorn Formation:	
Clay, green; black phosphorite sand and gravel; some fine quartz sand; grayish-brown limestone fragments	114 - 129
Clay, greenish-gray; white sandy limestone; hard, gray, cherty, limestone pebbles; black and brown phosphorite sand and gravel	129 - 134
Clay, dark-brown; fine sand; black and brown phosphorite sand and gravel; white sandy limestone fragments	134 - 139
As above, plus some dolomitic limestone fragments and gray limestone fragments	139 - 143
Sand, white, fine to coarse; black and brown phosphorite sand and gravel; brown and white limestone fragments; chert nodules; some green clay; some white shell fragments	143 - 144
Clay, gray; sand; black and brown phosphorite sand and gravel; white limestone fragments	144 - 146
As above, plus fine shell	146 - 147
As above, plus hard gray limestone fragments	147 - 159
Clay, gray; black phosphorite pebbles	159 - 169
Phosphorite, black, brown, and amber, gravel	169 - 174
Limestone, gray and tan, hard, dense, dolomitic; gray clay	174 - 194
Ocala Group:	
Limestone, white to gray, fragments; shell	194 - 204
Limestone, white, fossiliferous; gray dolomitic limestone fragments; fine black phosphorite	204 - 217
Limestone, white, fine; foraminifers	217 - 259

Well 945-201-2
(W-5317)

Older Pleistocene terrace deposits:	
Sand, light-gray, fine, quartz; organic material; some clay	0 - 15
Unnamed coarse clastics:	
Clay, light-gray to white; fine to medium quartz sand	15 - 21
Clay, white; fine to medium quartz	21 - 34
Sand, light-gray, medium to coarse; clay	34 - 36
Sand, orange, medium to coarse; clay	36 - 38
Choctawhatchee Formation:	
Clay, yellow-orange, sandy, heavy; yellow marl; thin limestones, phosphorite; shell impressions	38 - 45
As above, plus black phosphorite gravel	45 - 48
Hawthorn Formation:	
Clay, greenish-gray; medium to coarse sand; phosphorite sand and coarse gravel; white, hard, silicified limestone stained with iron	48 - 56
Clay, gray; medium sand; black phosphorite sand and gravel	56 - 57
As above, plus hard gray limestone fragments	57 - 67
As above, plus white limestone fragments	67 - 71
As above, plus sandy limestone fragments	71 - 74
Clay, greenish-gray; black phosphorite sand	74 - 77
Clay, dark-gray; fine black phosphorite grains; some fine quartz sand	77 - 82
Clay, light greenish-gray; some fine black phosphorite sand; some fine quartz sand	82 - 88
Phosphorite, black, gravel; light-gray limestone fragments; greenish-gray clay	88 - 90

Table 4.--Continued

Well 945-201-2--Continued

Material	Depth, in feet below land surface
Hawthorn Formation--Continued	
Limestone; black phosphorite sand and gravel; light-gray clay	90 - 95
Sand, white, coarse; black phosphorite gravel; clay	95 - 106
Sand, white, fine to medium; amber and brown phosphorite grains and pebbles	106 - 108
As above, plus light-brown heavy clay	108 - 113
As above, plus light cream-colored limestone fragments	113 - 115
Sand, clear, coarse, quartz; brown and black phosphorite gravel; brown dolomite fragments; some light-tan limestone fragments; some clay	115 - 120
Clay, brown, dense; fine black phosphorite sand; fine quartz; some tan dolomitic limestone	120 - 125
Limestone, gray and tan, hard, dolomitic; brown clay	125 - 132
Clay, dark-brown; sand; gray limestone fragments; black phosphorite sand; light-gray clay	132 - 136
Clay, gray, heavy; black phosphorite sand; thin layers of gray limestone and brown dolomitic limestone	136 - 140
Ocala Group:	
Limestone, gray to white; foraminifers; sand; black phosphorite sand	140 - 161
Limestone, white, fossiliferous; foraminifers; some fine black phosphorite sand	161 - 186

Well 946-159-4
(W-5321)

Older Pleistocene terrace deposits:	
Sand, brown to tan, fine to coarse	0 - 4
Unnamed coarse clastics:	
Sand, yellowish-red, fine to coarse, slightly clayey; black heavy mineral	4 - 19
Sand, light-yellow to yellow orange, fine to coarse, clayey	19 - 24
Sand, light-yellow to white, medium to very coarse; clayey; some gray and white clay	24 - 29
Sand, tan to orange, medium to very coarse; tan to orange clay.	29 - 34
Sand, high yellow to tan, medium to very coarse; clayey sand	34 - 44
As above, but sand is fine to medium	44 - 54
As above, plus stiff light-brown sandy clay	54 - 60
Choctawhatchee Formation:	
Limestone, brownish-gray, fragments; white limestone fragments; brown and black phosphorite sand; some soft white sandy limestone; fossil molds and casts	60 - 64
Clay, light creamy-tan; fine brown and black phosphorite sand; white limestone fragments with included phosphorite grains	64 - 69
As above, plus reddish phosphorite and silica gravel	69 - 75
Hawthorn Formation:	
Clay, light-gray; brown and black phosphorite; shell fragments; some sand	75 - 79
As above, plus gravel size phosphorite and gray limestone fragments	79 - 81
Clay, gray, heavy; fine to very coarse brown and black phosphorite sand; limestone fragments; fine shell	81 - 95
Clay, gray; fine sand; fine black phosphorite grains; fine shell; limestone fragments	95 - 98
Clay, light greenish-gray; fine sand; fine to very coarse black phosphorite; cream-colored limestone fragments containing black and brown phosphorite grains	98 - 100
Clay, light-tan; black and brown phosphorite gravel; hard cream-colored limestone; limestone fragments containing fine grains of black phosphorite	100 - 105
Limestone, brown fragments; white coquina; brown and black phosphorite gravel; clay; some sand	105 - 110
Limestone, gray; cream-colored clay; black and brown phosphorite gravel; white limestone fragments; some fine shell	110 - 113

Table 4.--Continued

Well 946-159-4--Continued

Material	Depth, in feet below land surface
Hawthorn Formation--Continued	
Limestone, cream-colored, sandy; brown and black phosphorite; cream-colored clay; gray limestone fragments; some fine shell	113 - 115
Clay, gray; black and brown phosphorite gravel; light-gray limestone fragments; some sandy limestone	115 - 119
Clay, light greenish-gray; black and brown phosphorite sand and gravel; gray sandy limestone; light-tan limestone	119 - 125
As above, plus fine to medium sand	125 - 130
As above, less sand	130 - 135
Clay, dark-green; black and brown phosphorite sand and gravel; light-tan limestone fragments; fine to medium sand	135 - 149
Clay, light greenish-gray; fine black phosphorite; fine sand; some limestone fragments	149 - 158
As above, with black phosphorite gravel and no limestone	158 - 162
Clay, dark-green, sandy; fine to medium sand; black phosphorite sand and gravel	162 - 170
As above, plus white limestone fragments	170 - 175
As above, plus limestone and shell fragments	175 - 177
As above, with some coquina	177 - 180
Clay, green; black phosphorite gravel; gray limestone fragments	180 - 183
Clay, gray; fine to gravel size black phosphorite; light-gray limestone fragments; gray cherty limestone; fine to coarse sand	183 - 190
Limestone, gray; black phosphorite gravel; some sand	190 - 196
As above, plus greenish-gray clay; fine black phosphorite; some fine quartz sand	196 - 199
Clay, blue-gray, heavy; fine phosphorite sand; fine quartz sand; some white sandy limestone fragments; gray and white limestone fragments; some fine sand	199 - 215
Ocala Group:	
Limestone, white, fossiliferous; fine black and brown phosphorite	215 - 219
Clay, light-gray, calcareous; fine white limestone; fine black phosphorite	219 - 222
Limestone, white, fossiliferous; gray limestone fragments; black phosphorite	222 - 223
Limestone, cream-colored; white, fossiliferous limestone; black phosphorite	223 - 249

Well 947-201-4
(W-5186)

Older Pleistocene terrace deposits:	
Sand, tan	0 - 5
Unnamed coarse clastics:	
Sand, yellow to orange to pink; clayey	5 - 25
Sand, tan; slightly clayey	25 - 30
As above, fine to medium, some clayey sand	30 - 40
Sand, white, clayey; thin layers of white kaolin clay	40 - 50
As above, more yellowish in color	50 - 55
Chuctawhatchee Formation:	
Clay, red and yellow, hard; soft greenish-yellow sandy clay near bottom of interval; brown phosphorite pebbles	55 - 60
Clay, olive drab; gray and yellow marl; yellow and red phosphorite and silica gravel; soft white limestone; shark's teeth and fossil impressions	60 - 75
Hawthorn Formation:	
Clay, greenish-gray; black phosphorite grains; soft, white, phosphatic limestone	75 - 77
As above, plus large milky quartz gravel and sand	77 - 82
As above, white clay instead of greenish-gray	82 - 85
As above, clay, olive in color	85 - 88

Table 4.--Continued

Well 947-201-4--Continued

Material	Depth, in feet below land surface
Hawthorn Formation--Continued	
Clay, light-gray; fine to medium quartz sand; brown gravel; white limestone; sandy limestone; phosphorite grains	88 - 96
As above, plus medium hard grayish-green clay	96 - 102
Clay, grayish-green; fine to coarse quartz sand; white limestone; yellowish rock; black phosphorite	102 - 112
Clay, greenish-yellow, medium hard; black phosphorite; white limestone	112 - 122
Limestone, gray, sandy; fine to medium sand; phosphorite grains and pebbles; soft clay	122 - 136
Clay, dark greenish-yellow, soft to medium hard; sand; phosphorite; white limestone	136 - 146
Clay, dark-green, hard; little phosphorite	146 - 155
Clay, green, medium hard to hard; phosphorite; white limestone.	155 - 166
Limestone, light-gray, very hard; sand; phosphorite	166 - 168
Limestone, brown, hard, dolomitic; some sand and phosphorite	168 - 173
Clay, gray, medium hard; sand; phosphorite; brown dolomitic limestone	173 - 177
Limestone, dark-gray to brown, dolomitic; sandy phosphatic limestone; fine to medium sand; phosphorite	177 - 188
Clay, light gray calcareous; some light to dark gray limestone.	188 - 195
Ocala Group:	
Limestone, gray; sandy limestone; sand; phosphorite	195 - 199
Limestone, light-gray and cream-colored, fossiliferous; foraminifers	199 - 203
Limestone, gray to greenish-gray; fossiliferous limestone	203 - 208
Limestone, light to dark-gray; fossiliferous limestone	208 - 210
Limestone, light-gray, fine; fossiliferous limestone	210 - 215
As above, with coarser limestone fragments	215 - 226
Limestone, light-gray to white; fossiliferous limestone	226 - 230
As above, plus dark-brown clay	230 - 252
Limestone, cream-colored, fine; fossiliferous limestone	252 - 259
As above, plus some gray limestone	259 - 272
Limestone, cream-colored; fossiliferous limestone	272 - 307

Well 947-202-13
(W-5332)

Older Pleistocene terrace deposits:	
Sand, dark-brown; yellowish-brown sand; organic material; black heavy mineral grains	0 - 5
Sand, yellow, fine; black heavy mineral grains	5 - 12
Unnamed coarse clastics:	
Sand, white, fine; some clay; black grains	12 - 15
Sand, yellow, fine; some clay; black grains	15 - 20
Sand, light-yellow to tan, fine; black grains	20 - 25
Sand, light-gray, fine; some yellow sand; black grains	25 - 30
As above, no yellow sand	30 - 35
As above, plus white sand	35 - 47
Sand, brown, fine; some clay; black and amber grains	47 - 60
As above, sand light-tan	60 - 70
Sand, light-gray to white; black and amber grains	70 - 96
As above, plus some soft gray sandy clay	96 - 106
As above, with no clay; black and amber phosphorite grains	106 - 131
As above, plus a thin layer of sandy clay	131 - 142
Sand, light-gray to white; black and amber phosphorite grains	142 - 227
As above, plus streaks of yellow, soft, sandy clay	227 - 235
As above, no sandy clay	235 - 247
Sand, tan, fine to medium; black phosphorite grains	247 - 257
As above, plus streaks of orange and white soft sandy clay	257 - 272
Sand, light-gray, fine to medium; streaks of light gray soft sandy clay	272 - 286
As above, plus some gray clay	286 - 294
As above, plus soft, yellow, sandy clay; limonite; some gray limestone	294 - 300

Table 4.--Continued

Well 947-202-13--Continued

Material	Depth, in feet below land surface
Choctawhatchee Formation:	
Sand, gray; soft, gray, sandy clay; some white and gray limestone; sandy limestone	300 - 305
As above, plus gray and yellow, soft, phosphatic, sandy clay; phosphorite and silica gravel	305 - 309
Sand, white to yellow; white, yellow, and greenish-yellow, soft, phosphatic, sandy clay; some white limestone; phosphorite and silica gravel	309 - 313
As above, with clay more cream-colored; dwarf mollusck shells	313 - 314
Marl, yellow and brown, hard; soft cream-colored phosphatic clay; some sand; phosphorite	314 - 319
Hawthorn Formation:	
Clay, greenish-yellow, soft, phosphatic; some sand	319 - 329
Sand, tan, fine; streaks of white clay	329 - 334
As above, plus soft cream-colored clay	334 - 344
Sand, tan, fine to medium; streaks of cream-colored clay	344 - 349
Sand, gray, fine to coarse; streaks of white clay	349 - 358
Sand, gray, fine to medium	358 - 366
Limestone, white and yellow; yellow clay; phosphorite	366 - 368
Sand, clay; black and amber phosphorite sand	368 - 377
Limestone, brown, dolomitic; white limestone	377 - 378
Sand; soft gray clay; phosphorite sand	378 - 380
Limestone, brown, dolomitic; white limestone; rock very hard from 380 to 384 feet	380 - 387
Clay, dark bluish-gray; some yellow clay; gray limestone; phosphorite	387 - 394
Clay, bluish-gray	394 - 399
As above, plus clayey sand; limestone layer	399 - 405
Sand; yellow, tan, and gray clay	405 - 415
As above, plus phosphorite; thin clay layers	415 - 420
Ocala Group:	
Limestone, soft; fossil fragments	420 - 424
Limestone, yellow, fossiliferous	424 - 429
Limestone, gray and yellow, fossiliferous	429 - 434
As above, no yellow limestone	434 - 445
Limestone, gray and brown, fossiliferous	445 - 447
Sand, white and gray	447 - 449

Well 952-147-2
(W-5347)

Pleistocene and Recent deposits:	
Clay, dark brown; fine sand	0 - 15
As above, plus fine black heavy mineral; organic material	15 - 18
Sand, gray, fine; fine black heavy mineral	18 - 25
Clay, dark-gray, heavy	25 - 38
As above, plus numerous shell fragments	38 - 59
Choctawhatchee Formation:	
Clay, dark gray; shell; yellow and gray limestone and marl; black phosphorite gravel	59 - 64
As above, plus sandy limestone; very coarse sand	64 - 74
Hawthorn Formation:	
Limestone, gray, fragments; gray sandy clay; black phosphorite sand and gravel	74 - 83
Clay, greenish-gray; some sand; black phosphorite sand; gray limestone fragments	83 - 94
As above, no limestone; fine black phosphorite	94 - 99
As above, plus clear coarse sand	99 - 114
As above, plus greenish-gray sandy limestone fragments	114 - 119
Sand, clear, coarse; fine to gravel size, black phosphorite; green clay; white to green sandy limestone fragments	119 - 129
Clay, green, sandy; black phosphorite sand and gravel; sandy limestone fragments	129 - 139

Table 4.--Continued

Well 952-147-2--Continued

Material	Depth, in feet below land surface
Hawthorn Formation--Continued	
Clay, light greenish-gray, sandy; black phosphorite sand and gravel; gray limestone fragments	139 - 147
Clay, green; black phosphorite sand and gravel; white limestone fragments; some quartz sand	147 - 153
As above, clay more sandy	153 - 159
As above, plus light gray to gray cherty limestone fragments	159 - 179
Clay, dark green, sandy; black phosphorite sand; gray limestone fragments	179 - 199
Clay, green, sandy; black phosphorite sand and gravel; white limestone fragments	199 - 204
As above, clay more dense; quartz sand	204 - 209
Clay, greenish-gray, sandy; black phosphorite sand; gray limestone fragments	209 - 224
Sand, clear, coarse; black phosphorite sand and gravel; greenish-gray clay; white and gray limestone	224 - 234
Clay, gray, sandy; gray and white limestone fragments; clear coarse sand; black phosphorite sand and gravel	234 - 249
As above, plus lumps of gray sand	249 - 259
Clay, blue-gray, sandy; fine black phosphorite sand; gray, sandy, limestone fragments; white limestone	259 - 274
Clay, gray, heavy, sandy; fine to medium sand; black phosphorite sand and gravel; gray and white limestone fragments	274 - 278
Clay, light-gray, sandy; fine to coarse sand; black phosphorite sand and gravel	278 - 284
Ocala Group:	
Limestone, white, fossiliferous; foraminifers	284 - 289
Limestone, gray to white, fossiliferous; foraminifers; some sand; black phosphorite	289 - 319

Union County
Well 001-224-1
(W-5240)

Older Pleistocene terrace deposits:	
Sand, gray, fine; black organic material	0 - 1
Sand, light-tan, fine to coarse; some clay	1 - 5
Sand, orange to light-brown, fine; clay	5 - 8
Clay, gray, sandy	8 - 9
Clay, white and gray, sandy; fine sand; clayey sand	9 - 18
Clay, light-gray; medium fine to coarse sand	18 - 24
Clay, creamy tan; coarse sand; gray clay	24 - 29
Clay, reddish-brown; medium fine to coarse sand	29 - 30
Choctawhatchee Formation:	
Clay, light-brown; some coarse sand; yellow and gray marl and limestone; amber and tan phosphorite; some reddish chert gravel	30 - 33
Clay, brown; fine sand; light-gray clay; fine brown phosphorite grains	33 - 40
Clay, brown; fine sand; some fine brown phosphorite; limestone fragments; shell	40 - 44
Limestone, white; shell; white clay; brown phosphorite grains	44 - 55
Hawthorn Formation:	
Limestone, gray, phosphatic; brown phosphorite grains; white clay	55 - 59
As above, plus black phosphorite	59 - 68
Clay, gray, sandy; black phosphorite grains; limestone fragments; medium fine to coarse sand	68 - 83
Clay, bluish-green; coarse sand; medium black phosphorite grains	83 - 87
As above, plus coarse black phosphorite	87 - 98
Clay, greenish-blue; coarse black phosphorite grains; limestone fragments	98 - 102

Table 4.--Continued

Well 001-224-1--Continued

Material	Depth, in feet below land surface
Hawthorn Formation--Continued	
Sand, medium fine to medium; some clay; brown and black phosphorite	102 - 109
Limestone, gray, hard	109 - 111
Sand, medium to coarse; some clay; brown and black phosphorite grains	111 - 121
As above, plus gray clay	121 - 130
Sand, gray, hard, medium to coarse; some clay	130 - 136
As above, plus brown and black phosphorite grains	136 - 137
Clay, bluish-gray, sandy; fine to coarse sand; some limestone fragments	137 - 143
Limestone; black phosphorite; sand; clay	143 - 145
Suwannee Limestone:	
Limestone, white; fine white sand; some black phosphorite grains; shell fragments	145 - 148
As above, no phosphorite	148 - 154
Limestone, cream-colored; some fine to coarse sand	154 - 160
As above, plus sandstone fragments; some shell; foraminifers; echinoid spines	160 - 165
Clay, dark gray to dark brown; some shell; limestone fragments; fine sand	165 - 171
Shell, coral, oyster, brachipoda; coquina limestone	171 - 177
Limestone, white; shell: sand; clay	177 - 178
As above, plus black phosphorite sand (cavings?)	178 - 183
Limestone; blue clay; few forams	183 - 185
Ocala Group:	
Limestone, white; foraminifers; fine sand; black clay; some shell; black phosphorite sand	185 - 187
As above, plus gray dolomitic limestone; some silicified limestone	187 - 195
As above, plus shark's teeth	195 - 207
Limestone, white, fine; fine gray sand; foraminifers; clay particles; shell	207 - 214
As above, plus phosphorite grains	214 - 215
As above, plus black to dark-brown clay	215 - 218
Limestone, coquina; foraminifers; some silicified limestone grains	218 - 256

Well 007-222-1
(W-5297)

Older Pleistocene terrace deposits:	
Sand, tan and pink, clayey; sandy clay	0 - 21
Clay, light-gray to pink; sand; yellow iron oxide stain	21 - 26
Sand, pink, clayey; a few grains of black and brown phosphorite	26 - 31
As above, sand-brown to salmon-colored	31 - 36
As above, sand-tan to cream-colored; some small gravel and flint rock	36 - 40
Choctawhatchee Formation:	
No sample	40 - 47
Clay, yellowish; sand; white to tan clayey limestone or marl; brown and black phosphorite grains and pebbles; shark's teeth	47 - 57
Clay, cream-colored; sand; calcareous clay; some tan limestone; brown and black phosphorite grains	57 - 62
As above, clay greenish-gray; harder at 64 feet	62 - 64
Hawthorn Formation:	
Limestone, light-gray and tan, sandy; black phosphorite pebbles	64 - 72
Clay, bluish-gray, sandy, calcareous; thin, sandy, phosphatic limestone layers; black and brown phosphorite grains and pebbles	72 - 80
As above, plus fine, white, quartz sand	80 - 91

Table 4.--Continued

Well 007-222-1--Continued

Material	Depth, in feet below land surface
Hawthorn Formation--Continued	
Sand, white, fine to medium, quartz; limestone, clay; black phosphorite grains; heavy mineral grains	91 - 96
Clay, bluish-green; sand; layers of bluish-green calcareous clay; black and brown phosphorite grains	96 - 99
As above, interbedded thin limestone layers	99 - 109
As above, thin layers of fine to medium quartz sand; no limestone	109 - 114
Clay, light-gray, sandy; thin limestone layers; amber and black phosphorite grains	114 - 119
As above, plus oyster shell	119 - 124
As above, plus white limestone; calcareous sandstone	124 - 129
As above, very little pebble phosphorite; macro-fossil fragments	129 - 144
Clay, light gray, soft, phosphatic calcareous; interbedded white limestone; light gray sandy limestone; oyster shell; brown and black phosphorite grains and pebbles	144 - 159
As above, clay light-brown	159 - 163
Suwannee Limestone:	
Limestone, light greenish-gray, crystalline, fossiliferous; some phosphorite grains; white quartz sand	163 - 174
Limestone, crystalline, fossiliferous	174 - 179
Limestone, porous, fossiliferous; fine, white, quartz sand	179 - 184
Limestone, light-gray, crystalline, fossiliferous; dark-gray to black siliceous (cherty) limestone	184 - 189
Limestone, coquina; some crystalline and dark gray to black, siliceous, cherty limestone	189 - 194
Limestone, light-gray; shell fragments; limonite grains	194 - 200
Ocala Group:	
Limestone, light-gray, soft, coquina; some cherty or siliceous limestone; macro-fossils; shell	200 - 226
Limestone, crystalline; fossiliferous limestone; some coquina limestone: macro-fossils; foraminifers	226 - 281
Limestone, coquina, fossiliferous; yellow calcareous clay	281 - 286
As above, plus some black and brown phosphorite pebbles	286 - 303
Limestone, light-gray, crystalline, fossiliferous, coquina; shell; fine white quartz sand	303 - 355
As above, mostly coquina limestone	355 - 375
As above, limestone gray	375 - 400
Limestone, cream-colored, coquina	400 - 405
As above, nearly white in color; foraminifers	405 - 445
Avon Park Limestone:	
Limestone, cream-colored, coquina; brown, dolomitic crystalline limestone; crystalline limestone	445 - 450
Dolomite, brown, crystalline, hard	450 - 460
No sample	460 - 461
Cavity	461 - 462
Dolomite, brown, hard, granular	462 - 487
Limestone, light-gray, fossiliferous; brown granular dolomite	487 - 499
Shale, bluish-green; dense, light-gray limestone	499 - 504
Limestone, light-gray, crystalline; brown dolomitic limestone; pyrite	504 - 521
No sample	521 - 528
Limestone, light gray, iron stained	528 - 533
As above, plus tan and brown granular dolomite	533 - 543
Limestone, tan, dolomitic; some light-gray limestone	543 - 547
As above, iron stained	547 - 553
As above, plus black carbonaceous lignite	553 - 558
Clay, tan and light-green, sandy, silty	558 - 563
Clay, interbedded light-green, dark green and brown; light-gray limestone; brown dolomite; few fossil cones; Dictyoconus cookei	563 - 588

Table 4.--Continued

Well 007-222-1--Continued

Material	Depth, in feet below land surface
Lake City Limestone:	
Limestone, brown and tan, dolomitic; some clay	588 - 619
Limestone, coquina, porous, fossiliferous; Dictyoconus americanus	619 - 624
As above, less coquina; brown dolomitic limestone	624 - 629
Limestone, soft, coquina, porous, Dictyoconus americanus . . .	629 - 644
As above, plus brown dolomite and dolomitic limestone	644 - 724

Table 5. Measurements of Ground-Water Level

For location of wells see figure 5. All measurements in feet above (+) or below measuring point. Description of measuring point given in table 3.
For additional water-level measurements for wells 958-139-1, 958-139-2, 959-140-1, 002-142-1, 003-151-1, 006-149-1, and 006-149-2, refer to Clay County wells 7, 22, 8, 1, 2, 4, and 5 in the U. S. Geological Survey Water-Supply Papers, water-level report series, southeastern states, Florida.

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
				Alachua County				
927-203-1	8- 6-56	+0.11	11- 3-58	+2.93	8-17-59	+5.68	4-22-60	+6.02
	1-22-58	+2.40	12-18-58	+3.24	10- 2-59	+6.38	6-27-60	+6.3
	3- 4-58	+2.42	2-17-59	+3.49	11-13-59	+6.18		
	7- 9-58	+3.24	4- 6-59	+5.2	12-21-59	+5.09		
	9-15-58	+2.94	6-26-59	+5.61	2-29-60	+4.59		
929-204-1	2- 8-56	24.08	7- 9-58	20.46	11- 3-58	20.95	12-16-58	20.95
	5-12-58	20.12	9-15-58	20.66				
929-209-1	6- 3-58	8.87	11- 3-58	9.02	12-16-58	8.63		
929-213-1	4-11-58	9.74	10-23-58	10.10	6-22-59	5.94	1- 5-60	6.06
	5- 6-58	9.52	12- 8-58	9.70	8-12-59	5.17	2-22-60	6.81
	6-30-58	9.75	2- 6-59	9.30	9-28-59	4.93	4-13-60	3.71
	9- 9-58	9.77	3-31-59	6.16	11- 9-59	4.10	6-27-60	4.42
929-214-1	10-23-58	92.22	12- 8-58	92.01	6-29-60	87.16		
930-214-1	6- 2-58	12.25	9-20-58	17.90	10-23-58	17.82		
930-214-2	7- 8-58	15.92	2-10-59	15.24	8-12-59	12.68	1- 5-60	12.84
	9-30-58	16.39	3-31-59	13.10	9-28-59	12.55	2-22-60	13.39
	10-23-58	16.33	6-22-59	13.19	11- 9-59	12.06	4-13-60	11.35
	12- 8-58	15.82						
930-216-2	7- 2-58	43.87	10-23-58	44.43	12- 8-58	43.83	6-29-60	38.98
	9-20-58	44.26						
930-216-4	7- 2-58	6.27	9-20-58	2.92	10-23-58	1.62	12- 8-58	3.49
932-231-1	9-20-58	40.07	3-31-59	37.60	9-28-59	33.05	2-22-60	35.51
	10-23-58	40.43	6-22-59	35.11	11- 9-59	32.31	4-13-60	34.41
	2-10-59	40.54	8-12-59	34.33	1- 4-60	33.77	6-29-60	33.92
935-204-1	8- 2-56	21.05	3- 4-58	20.20	7- 9-58	18.16	10-30-58	20.64
	1-22-58	19.20	5-12-58	14.25	9-15-58	19.38	12-16-58	20.66
935-205-1	4-16-58	60.15	7- 9-58	61.21	10-30-58	62.30	6-23-60	58.96
	5-12-58	60.41	9-15-58	61.68	12-16-58	61.82		
935-220-1	4-24-58	18.57	12- 8-58	19.27	6-22-59	14.79	9-28-59	15.75
	5- 6-58	18.49	2- 9-59	18.78	8-12-59	15.39	11- 9-59	15.20
	7- 3-58	18.33	3-30-59	15.67				
935-233-1	2-10-58	4.94	9- 9-58	3.46	3-31-59	+1.07	11- 9-59	+3.31
	2-25-58	5.20	10-23-58	3.60	6-22-59	+ .78	1- 4-60	+2.41
	5- 7-58	2.98	12- 8-58	2.75	8-12-59	+ .98	2-22-60	+2.30
	7- 1-58	4.21	2-10-59	1.83	9-28-59	+3.50	4-13-60	+2.30
936-220-1	4- 7-58	14.98	7- 3-58	14.46	10-23-58	15.32	12- 8-58	15.39
	5- 6-58	14.32	9-12-58	14.15				
936-223-1	11-18-57	32.94	5- 6-58	29.91	9-10-58	30.06	12-11-58	31.00
	1-20-58	33.82	7- 3-58	30.51	10-23-58	30.90	6-29-60	23.75
	2-24-58	33.99						

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
936-236-1	8-15-58	33.02	3-15-59	32.88	9-31-59	26.89	4-10-60	27.92
	8-20-58	32.99	3-20-59	32.36	10- 5-59	26.91	4-15-60	27.79
	8-25-58	32.87	3-25-59	31.60	10-10-59	26.91	4-20-60	27.69
	8-31-58	32.80	3-31-59	30.88	10-15-59	26.90	4-25-60	27.59
	9- 5-58	32.76	4- 5-59	30.51	10-20-59	26.83	4-30-60	27.55
	9-10-58	32.73	4-10-59	30.17	10-25-59	26.77	5- 5-60	27.51
	9-15-58	32.73	4-15-59	29.87	10-31-59	26.76	5-10-60	27.48
	9-20-58	32.77	4-20-59	29.55	11- 5-59	26.74	5-15-60	27.52
	9-25-58	32.79	4-25-59	29.33	11-10-59	26.73	5-20-60	27.58
	9-30-58	32.84	4-30-59	29.08	11-15-59	26.71	5-25-60	27.65
	10- 5-58	32.88	5- 5-59	28.77	11-20-59	26.71	5-31-60	27.79
	10-10-58	32.95	5-10-59	28.68	11-25-59	26.70	6- 5-60	27.89
	10-15-58	33.02	5-15-59	28.64	11-30-59	26.82	6-10-60	28.02
	10-20-58	33.07	5-20-59	28.57	12- 5-59	26.83	6-20-60	28.21
	10-25-58	33.14	5-31-59	28.50	12-10-59	.94	6-25-60	28.23
	10-31-58	33.23	6- 5-59	28.46	12-15-59	27.03	6-30-60	28.10
	11-20-58	33.32	6-10-59	28.40	12-20-59	27.13	7- 5-60	28.02
	11-25-58	33.31	6-15-59	28.33	12-25-59	27.22	7-10-60	28.03
	11-30-58	33.34	6-20-59	28.22	12-31-59	27.40	7-15-60	27.94
	12- 5-58	33.33	6-25-59	28.09	1- 5-60	27.48	7-20-60	27.85
	12-10-58	33.39	6-30-59	27.94	1-10-60	27.61	7-25-60	27.75
	12-15-58	33.42	7- 5-59	27.87	1-15-60	27.70	7-31-60	27.57
	12-20-58	33.44	7-10-59	27.84	1-20-60	27.86	8- 5-60	27.34
	12-25-58	33.47	7-15-59	27.75	1-25-60	27.99	8-10-60	26.98
	12-31-58	33.50	7-20-59	27.64	1-31-60	28.10	8-15-60	26.61
	1- 5-59	33.55	7-25-59	27.52	2- 5-60	28.24	8-20-60	26.37
	1-10-59	33.52	7-31-59	27.41	2-10-60	28.36	9-20-60	25.13
	1-15-59	33.45	8- 5-59	27.37	2-15-60	28.53	9-25-60	25.07
	1-20-59	33.42	8-10-59	27.36	2-20-60	28.66	9-30-60	25.02
	1-25-59	33.37	8-15-59	27.42	2-25-60	28.75	10- 5-60	25.00
	1-31-59	33.35	8-20-59	27.46	2-28-60	28.82	10-10-60	25.00
	2- 5-59	33.29	8-25-59	27.53	3- 5-60	28.88	10-15-60	24.99
	2-10-59	33.28	8-31-59	27.57	3-10-60	28.91	10-20-60	25.02
	2-15-59	33.24	9- 5-59	27.50	3-15-60	28.98	10-25-60	25.04
	2-20-59	33.19	9-10-59	27.52	3-20-60	28.72	10-31-60	25.04
	2-25-59	33.13	9-15-59	27.52	3-25-60	28.36	11- 5-60	25.10
	3- 5-59	33.01	9-20-59	27.12	3-31-60	28.14		
	3-10-59	32.97	9-25-59	26.92	4- 5-60	28.02		
936-236-3	8- 5-57	32.33	7-23-58	32.69	8-12-58	32.82	10-20-58	32.81
	7-16-58	32.66	7-30-58	32.78	9- 9-58	32.24		
937-212-1	4-25-58	4.49	2-17-59	4.85	8-17-59	4.88	12-22-59	5.61
	11- 3-58	6.88	4- 6-59	4.20	10- 2-59	5.13	2-29-60	5.34
	12-16-58	5.46	6-26-59	4.49	11-16-59	4.93	4-22-60	5.17
	12-18-58	5.48						
937-212-2	11- 3-58	15.33	4- 6-59	11.65	10- 2-59	11.64	2-29-60	12.90
	12-16-58	14.54	6-26-59	11.34	11-16-59	11.66	4-22-60	11.93
	2-17-59	13.26	8-17-59	11.52	12-22-59	12.43		
937-212-3	12-18-58	3.17	6-26-59	2.47	11-16-59	3.12	2-29-60	2.78
	2-17-59	2.52	8-17-59	2.84	12-22-59	3.66	4-22-60	3.12
	4- 6-59	1.84	10- 2-59	3.22				
937-232-1	2-21-58	48.91	5- 7-58	46.43	12- 9-58	46.57	6-29-60	41.15
	2-27-58	49.45	7- 1-58	46.12				
938-219-6	11-15-57	99.64	12- 9-57	98.93	2-24-58	100.51	7- 3-58	98.12
	11-18-57	99.10	1-20-58	99.66	5- 6-58	98.08	12-11-58	96.04
938-219-7	11-18-57	106.08	7- 3-58	104.13	6-29-59	98.17	1- 5-60	98.37
	12- 7-57	104.98	9- 8-58	105.69	8-12-59	98.43	2-22-60	99.68
	1-20-58	105.81	10-22-58	104.61	9-28-59	98.13	4-13-60	98.95
	2-24-58	105.51	2- 9-59	102.97	11- 9-59	97.52	7- 5-60	99.62
	5- 6-58	103.69	3-30-59	99.72				
938-223-1	5- 6-58	9.42	9-10-58	10.21	12-11-58	13.43	6-30-60	11.34
	7- 3-58	10.94	10-22-58	12.86				

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
938-236-1	4-16-58	38.40	6-11-58	37.11	8-19-58	37.57	11-20-58	38.06
	5- 7-58	37.72	7- 1-58	37.19	9-16-58	37.52	12- 9-58	38.13
	5-21-58	37.35	7-29-58	37.41	10-24-58	37.80	6-29-60	33.32
939-217-2	7- 8-58	8.60	10-22-58	11.37	12-16-58	12.14		
939-225-1	5- 8-58	91.13	10-22-58	92.20	3-30-59	88.24	8-13-59	87.12
	7- 1-58	91.98	12- 8-58	92.03	6-22-59	86.90	6-29-60	87.30
	9-10-58	91.24						
939-230-1	2-14-58	50.59	5- 7-58	48.28	9- 9-58	47.82	12- 8-58	48.39
	2-27-58	50.70	7- 1-58	47.90	10-24-58	48.18		
940-218-2	2-25-58	128.58	7- 3-58	128.50	12-16-58	125.09	7- 5-60	123.63
	4-29-58	125.04						
940-218-6	5-14-58	6.10	7- 3-58	7.62	12-16-58	7.34		
940-220-2	3-26-58	10.14	7- 2-58	11.53	10-22-58	14.66	12-10-58	14.31
	5- 5-58	9.46	9-11-58	13.02				
940-224-1	5- 7-58	57.98	9-10-58	57.98	10-22-58	58.83	12-11-58	58.92
	7- 2-58	58.69						
940-228-1	8-13-58	1.55	10-22-58	1.85	2- 9-59	1.32	6-22-59	ƒ1.75
	9-10-58	1.15	12- 8-58	1.85	3-30-59	ƒ .41	8-13-59	ƒ1.51
941-211-1	6- 3-58	12.47	10-29-58	13.81	12-12-58	13.57	7- 5-60	11.43
	9-12-58	13.07						
941-216-1	11-21-57	83.30	1-20-58	83.57	5- 6-58	81.89	12-16-58	83.08
	12- 9-57	83.43	2-25-58	83.63	10-29-58	83.12		
941-222-2	10-22-58	121.09	3-30-59	118.62	9-30-59	115.97	2-22-60	116.91
	12-11-58	120.72	6-22-59	116.47	11- 9-59	115.75	4-13-60	115.60
	2- 9-59	120.23	8-13-59	116.45	1- 5-60	116.06	6-30-60	116.38
941-234-1	1-28-58	.78	5- 7-58	ƒ .81	12- 9-58	ƒ .38	3-31-59	ƒ2.37
	2-25-58	1.11	7- 1-58	ƒ1.34	2-10-59	ƒ .80		
942-207-1	3-21-59	16.67	8- 4-59	17.42	11-16-59	17.73	2-29-60	18.42
	4- 6-59	17.25	10- 1-59	16.89	12-22-59	18.83	4-21-60	17.40
	6-25-59	17.14						
942-216-1	1-20-58	91.38	5- 6-58	89.55	7-31-58	90.03	12-16-58	90.93
	2-17-58	91.16						
942-216-2	11-21-57	91.85	3- 9-58	91.02	5-11-58	90.24	7-31-58	90.04
	1-20-58	101.53						
942-221-1	4- 2-59	2.95	8-13-59	3.17	11-10-59	3.34	2-23-60	3.02
	6-24-59	3.06	9-30-59	3.96	12-23-59	5.15	4-20-60	2.77
943-215-1	4- 7-59	4.19	8-14-59	3.38	11-12-59	4.89	2-25-60	5.96
	6- 6-59	5.00	10- 2-59	4.77	12-23-59	6.15	4-21-60	5.08
945-205-1	6-27-58	4.76	2-13-59	3.69	8-14-59	2.76	12-23-59	3.36
	9-11-58	4.39	4- 7-59	2.13	10- 1-59	2.27	2-25-60	3.56
	10-28-58	4.86	6-25-59	2.49	11-16-59	2.84	4-21-60	2.69
	12-11-58	4.38						
945-237-1	8-12-58	3.09	10-24-58	3.67	2-10-59	3.32	6-23-59	ƒ .77
	9-10-58	3.21	12- 9-58	4.03	4- 1-59	ƒ .47		
946-206-1	6- 3-58	87.60	2-13-59	87.88	10- 1-59	84.87	2-25-60	85.56
	9-11-58	88.13	4- 7-59	86.11	11-16-59	84.85	4-21-60	84.59
	10-29-58	88.78	6-25-59	85.22	12-23-59	85.31	7- 5-60	85.19
	12-11-58	88.49	8-14-59	85.38				

Table 3.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
946-211-1	4- 7-59	5.73	8-14-59	4.44	11-12-59	6.15	2-25-60	4.85
	6-23-59	5.42	10- 2-59	6.65	12-23-59	6.99	4-21-60	6.90
946-218-1	5-15-58	7.58	12-11-58	7.10	8-17-59	8.13	12-23-59	8.06
	7- 8-58	7.22	2-12-59	6.34	9-30-59	7.83	2-23-60	8.07
	9-12-58	7.37	4- 2-59	5.76	11-10-59	6.73	4-20-60	8.73
	10-28-58	8.27	6-24-59	7.37				
946-218-2	5-15-58	88.79	12-11-58	89.83	8-17-59	85.95	2-23-60	87.35
	7- 8-58	89.13	2-12-59	89.39	9-30-59	86.38	4-20-60	86.95
	9-12-58	88.85	4- 2-59	86.99	11-10-59	86.31	6-30-60	87.83
	10-28-58	89.58	6-24-59	86.17	12-23-59	86.74		
946-226-1	10-29-57	7.60	5- 5-58	5.88	2-10-59	5.73	11- 9-59	5.44
	11-19-57	7.94	7- 2-58	6.38	4- 1-59	4.09	1- 4-60	6.68
	12- 6-57	8.09	9-10-58	6.67	6-23-59	5.25	2-22-60	7.40
	1-20-58	7.82	10-24-58	8.24	8-12-59	6.27	4-19-60	5.78
	2-27-58	6.69	12- 9-58	7.68	9-28-59	6.05		
946-226-2	11-19-57	113.92	5-25-59	108.32	10-31-59	107.17	4- 5-60	107.52
	12- 6-57	113.98	5-31-59	107.93	11- 5-59	107.13	4-10-60	107.46
	1-20-58	113.76	6- 5-59	107.70	11-10-59	107.17	4-20-60	107.32
	2-27-58	113.53	6-10-59	107.53	11-15-59	107.06	4-25-60	107.15
	5- 5-58	111.95	6-15-59	107.42	11-20-59	107.04	4-30-60	107.33
	7- 2-58	111.89	6-20-59	107.28	11-25-59	106.92	5- 5-60	107.38
	9-10-58	111.56	6-25-59	107.27	11-30-59	107.36	5-10-60	107.29
	10-25-58	111.77	6-30-59	107.16	12- 5-59	107.17	5-15-60	107.47
	10-31-58	111.83	7- 5-59	107.17	12-10-59	107.33	5-20-60	107.55
	11- 3-58	111.93	7-10-59	107.26	12-15-59	107.46	5-25-60	107.57
	11-15-58	112.02	7-15-59	107.22	12-20-59	107.58	5-31-60	107.57
	11-20-58	112.00	7-20-59	107.22	12-25-59	107.57	6- 5-60	107.68
	11-25-58	111.98	7-25-59	107.20	12-31-59	107.76	6-10-60	107.93
	11-30-58	112.22	7-31-59	107.14	1- 5-60	107.74	6-15-60	107.90
	12- 5-58	112.13	8- 5-59	107.24	1-10-60	107.84	6-20-60	107.98
	12-10-58	112.14	8-10-59	107.38	1-15-60	107.72	6-25-60	108.06
	12-15-58	112.22	8-15-59	107.48	1-20-60	108.07	6-30-60	108.12
	12-20-58	112.18	8-20-59	107.47	1-25-60	108.13	7- 5-60	108.16
	12-25-58	112.25	8-25-59	107.52	1-31-60	108.02	7-10-60	108.22
	12-31-58	112.18	8-31-59	107.57	2- 5-60	108.11	7-15-60	108.34
	2-15-59	111.55	9- 5-59	107.65	2-10-60	108.12	7-20-60	108.41
	4- 5-59	109.38	9-10-59	107.65	2-15-60	108.51	7-25-60	108.38
	4-10-59	109.04	9-15-59	107.69	2-20-60	108.65	7-31-60	108.42
	4-15-59	108.99	9-20-59	107.79	2-25-60	108.33	8- 5-60	108.35
	4-20-59	108.89	9-25-59	107.59	2-29-60	108.63	8-10-60	108.18
	4-25-59	108.74	9-30-59	107.60	3- 5-60	108.75	8-15-60	108.07
	4-30-59	108.45	10- 5-59	107.67	3-10-60	108.47	8-20-60	108.01
	5- 5-59	108.46	10-10-59	107.70	3-15-60	108.40	8-25-60	107.94
	5-10-59	108.49	10-15-59	107.57	3-20-60	108.54		
	5-15-59	108.44	10-20-59	107.41	3-25-60	108.09		
	5-20-59	108.51	10-25-59	107.14	3-31-60	107.69		
946-228-1	2- 4-58	67.04	5- 7-58	64.86	7-28-58	64.82	6-30-60	62.29
	2-27-58	66.90	6-11-58	64.99	12- 9-58	65.88		
947-210-2	4-16-58	9.18	7- 8-58	10.15	10-29-58	13.90	12-11-58	11.37
	5- 9-58	10.86	9-11-58	12.65				
948-229-1	4-20-59	6.75	8-12-59	7.28	11- 9-59	7.04	2-22-60	9.14
	6-23-59	7.28	9-28-59	7.23	1- 4-60	8.47	4-19-60	7.16
948-231-2	1-20-58	63.60	12-10-58	64.13	8-12-59	61.28	2-22-60	62.56
	7- 2-58	63.37	2-11-59	63.02	9-28-59	60.73	4-19-60	61.43
	9-10-58	63.46	4- 1-59	57.90	11- 9-59	60.40	6-30-60	62.19
	10-24-58	63.94	6-23-59	59.09	1- 4-60	62.20		
949-235-1	10-24-57	30.47	2-27-58	30.74	7- 2-58	29.89	12- 9-58	30.56
	1- 4-58	30.9	5- 8-58	29.56	10-24-58	30.38	6-30-60	29.20
	1-20-58	30.85						

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
949-236-1	2-14-58	9.73	10-24-58	9.23	6-23-59	6.53	1- 4-60	8.14
	3-28-58	8.56	12- 9-58	9.39	8-12-59	7.75	2-22-60	8.40
	5- 8-58	8.40	2-11-59	8.74	9-28-59	7.49	4-19-60	7.32
	7- 2-58	8.77	4- 1-59	5.05	11- 9-59	7.74	6-30-60	8.12
	9-10-58	8.90						
950-220-1	2-12-59	3.22	8-17-59	4.00	11-10-59	3.85	2-23-60	3.93
	4- 2-59	2.73	9-30-59	4.53	12-23-59	4.84	4-20-60	4.63
	6-23-59	3.85						
950-235-1	3-12-58	32.18	7- 2-58	32.50	10-24-58	32.98	6-30-60	31.84
	5- 8-58	32.10	9-10-58	32.62	12- 9-58	33.14		
950-236-2	8- 1-57	33.55	5- 8-58	32.02	9-10-58	32.52	12- 9-58	33.04
	4- 3-58	32.10	7- 2-58	32.39	10-24-58	32.88	6-30-60	31.79
951-224-1	4- 2-59	2.87	8-13-59	4.64	11-10-59	4.61	2-23-60	5.72
	6-24-59	4.55	9-29-59	4.73	12-23-59	5.60	4-19-60	4.81
951-224-2	3-11-58	91.76	10-28-58	90.37	6-24-59	86.76	12-23-59	86.74
	5- 9-58	90.65	12-17-58	90.40	8-13-59	86.66	2-23-60	87.47
	7- 7-58	90.58	2-12-59	90.15	9-29-59	86.38	4-19-60	86.25
	9-12-58	89.93	4- 2-59	87.86	11-10-59	86.46	6-30-60	87.04
951-234-1	2-14-58	∤ .23	5- 8-58	∤1.64	7- 2-58	∤1.15	12- 9-58	∤ .52
	2-27-58	∤ .32						
951-235-2	6- 1-57	14.70	5- 8-58	20.11	9-10-58	20.80	12-10-58	21.22
	4- 3-58	19.81	7- 2-58	20.65	10-24-58	21.20	6-30-60	20.18
				Bradford County				
945-203-1	6-25-58	12.70	12-12-58	13.24	5-27-59	9.06	11-16-59	8.14
	9- 8-58	12.88	2-16-59	12.65	6-25-59	9.32	12-22-59	8.80
	10- 1-58	13.23	4- 8-59	10.40	8- 6-59	8.71	2-29-60	8.78
	10-29-58	13.43	5-27-59	9.07	10- 1-59	7.79	4-21-60	8.65
945-203-2	6-25-58	16.50	12-12-58	17.38	5-27-59	13.14	8- 6-59	11.53
	9- 8-58	16.93	2-16-59	16.90	5-27-59	13.10	10- 1-59	9.45
	10-29-58	17.40	4- 8-59	14.25	6-25-59	12.44		
945-203-3	6-27-58	25.46	2-16-59	26.02	8- 6-59	20.36	12-22-59	19.54
	9- 8-58	25.76	4- 8-59	24.25	10- 1-59	18.29	2-29-60	21.24
	10-29-58	26.22	5-27-59	22.69	11-16-59	18.50	4-21-60	19.80
	12-12-58	26.52	6-25-59	21.63				
945-203-4	6-23-58	23.49	2-16-59	23.95	8- 6-59	18.31	12-22-59	17.45
	9- 8-58	23.69	4- 8-59	22.40	10- 1-59	16.20	2-29-60	19.19
	10-29-58	24.18	5-27-59	20.64	11-16-59	16.39	4-21-60	17.70
	12-12-58	24.50	6-25-59	19.50				
948-203-1	3-10-59	35.6	10- 1-59	24.85	4-21-60	25.25	8-22-60	24.19
	4- 7-59	28.70	11-12-59	25.98	7-18-60	25.65	9-12-60	24.57
	6-29-59	27.39	12-22-59	26.92	7-29-60	25.59	10-17-60	22.87
	8-14-59	27.94	2-29-60	27.75				
950-203-1	4- 6-59	5.80	8-14-59	7.44	11-12-59	7.75	2-25-60	10.20
	6-29-59	6.44	9-30-59	6.54	12-22-59	9.66	4-20-60	7.91
950-213-1	7- 7-59	70.15	9-30-59	70.50	12-23-59	71.29	4-20-60	70.11
	8-14-59	70.48	11-12-59	70.57	2-23-60	71.55	6-24-60	71.66
951-214-1	2-19-59	5.8	8-14-59	8.45	11-12-59	6.90	2-23-60	11.30
	4- 7-59	5.70	9-30-59	7.89	12-23-59	9.72	4-20-60	7.55
	6-24-59	6.68						
952-204-1	9-18-59	87.94	9-30-59	86.84	12-22-59	86.50	4-20-60	85.87
	9-24-59	85.88	11-12-59	86.26	2-25-60	86.65	6-28-60	86.61

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
953-205-1	4- 7-59	11.13	8-14-59	13.54	11-12-59	7.45	2-25-60	7.69
	6-29-59	11.87	9-30-59	7.89	12-22-59	8.49	4-20-60	9.13
953-210-1	4- 7-59	2.93	8-14-59	4.43	11-12-59	2.84	2-23-60	2.96
	6-24-59	3.85	9-30-59	3.64	12-23-59	3.88	4-20-60	2.93
956-205-1	4- 6-59	16.83	8-17-59	16.71	11-12-59	16.00	2-26-60	16.77
	6-24-59	16.54	9-30-59	16.21	12-22-59	16.49	4-20-60	16.89
956-206-3	5- 5-58	28.60	9-11-58	28.82	11- 7-58	28.97	2-13-59	27.00
	7- 8-58	29.33	10- 7-58	29.16	12-18-58	27.64	4- 7-59	25.20
	8-11-58	28.69						
956-208-1	12-12-57	13.67	9-11-58	12.73	4- 2-59	8.96	11-12-59	11.43
	1-20-58	12.98	10-28-58	13.64	6-24-59	10.36	12-23-59	12.61
	2-27-58	11.56	12-18-58	11.93	8-17-59	12.32	2-25-60	11.49
	5- 9-58	11.13	2-13-59	10.72	9-30-59	10.66	4-20-60	10.34
	7- 8-58	10.64						
958-213-1	9-11-58	8.17	10-28-58	9.04	12-17-58	6.89		
958-213-2	4- 2-59	4.48	8-17-59	5.39	11-12-59	5.35	2-25-60	4.74
	6-24-59	5.74	9-30-59	5.53	12-23-59	6.02	4-20-60	5.73
000-210-1	4- 6-59	4.28	9-30-59	4.67	12-23-59	5.26	4-20-60	4.75
	8-17-59	5.06	11-12-59	4.70	2-25-60	4.31		
000-210-2	6-17-59	70.35	9-30-59	71.20	12-23-59	71.91	4-20-60	70.58
	6-24-59	70.52	11-12-59	71.32	2-25-60	71.86	6-28-60	72.28
	8-17-59	71.09						
				Clay County				
943-202-1	4- 6-59	7.86	8- 4-59	8.25	11-16-59	7.10	2-29-60	8.83
	6-25-59	8.59	10- 1-59	6.63	12-22-59	8.07	4-21-60	7.68
943-202-3	5-11-60	88.76	6-27-60	89.36	8-22-60	88.52	9-12-60	88.06
945-201-2	3-24-60	32.04	4-21-60	33.97	6-27-60	34.69	8-22-60	33.56
946-159-1	3-11-59	34.10	8- 4-59	29.10	11-13-59	27.04	2-29-60	29.95
	4- 6-59	30.29	10- 1-59	26.30	12-21-59	28.05	4-22-60	28.99
	6-26-59	29.15						
946-159-4	3-22-60	40.54	4-22-60	41.27	8-22-60	42.04	9-12-60	41.46
946-202-1	6-26-58	6.68	10-29-58	6.95	2-16-59	6.76	5-27-59	5.60
	9- 8-58	6.73	12-12-58	6.93	4- 8-59	5.93	5-27-59	5.53
946-202-2	6-18-58	20.70	12-12-58	21.82	5-27-59	18.07	11-16-59	15.80
	7-25-58	20.62	2-16-59	21.37	6-25-59	17.50	12-22-59	16.35
	9- 8-58	20.94	4- 8-59	18.55	8- 6-59	17.52	2-29-60	17.10
	10-29-58	21.64	5-27-59	18.10	10- 1-59	15.72	4-21-60	15.54
946-202-3	6-25-58	29.97	2-16-59	29.92	6-25-59	25.63	12-22-59	23.28
	9- 8-58	30.00	4- 7-59	28.07	8- 6-59	25.16	2-29-60	23.71
	10-29-58	30.34	5-27-59	27.34	10- 1-59	23.07	4-21-60	21.33
	12-12-58	30.41	5-27-59	27.32	11-16-59	22.82		
947-200-3	2-18-60	48.72	5-17-60	47.22	7-18-60	47.89	9-12-60	46.65
	3-31-60	48.37	6- 6-60	47.85	7-29-60	47.71	10-17-60	45.74
	5- 2-60	47.81	6-21-60	47.99	8-22-60	47.18		
947-201-3	6-17-58	18.50	10-29-58	23.05	5-27-59	18.20	11-16-59	9.30
	6-19-58	22.75	12-12-58	23.19	6-25-59	16.39	12-22-59	9.23
	6-20-58	23.03	2-16-59	22.60	8- 6-59	14.70	2-26-60	9.45
	9- 8-58	22.44	4- 7-59	20.18	10- 1-59	10.86	4-21-60	7.36

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
947-201-4	8-10-59	66.40	10-20-59	65.40	1-31-60	66.11	4-20-60	65.45
	8-15-59	66.49	10-25-59	65.24	2-10-60	66.25	4-25-60	65.40
	8-20-59	66.56	10-31-59	65.51	2-15-60	66.50	5-20-60	65.58
	8-25-59	66.66	11-20-59	65.66	2-20-60	66.60	6- 1-60	66.08
	8-31-59	66.38	11-25-59	65.55	2-25-60	66.25	6-27-60	66.37
	9- 5-59	66.33	12-15-59	65.87	3- 5-60	66.31	7-18-60	66.08
	9-10-59	66.25	12-20-59	65.86	3-10-60	66.17	7-29-60	65.79
	9-15-59	66.02	12-25-59	65.89	3-15-60	66.25		
	9-20-59	65.85	12-31-59	66.05	3-20-60	65.80		
	9-25-59	65.69	1- 5-60	66.02	3-25-60	65.61		
	9-30-59	65.57	1-10-60	66.06	3-31-60	65.40		
	10- 5-59	65.62	1-15-60	66.08	4- 5-60	65.36		
	10-10-59	65.55	1-20-60	66.26	4-10-60	65.37		
	10-15-59	65.38	1-25-60	66.24	4-15-60	65.44		
947-201-14	2-26-60	27.60	5-17-60	27.77	7-18-60	28.03	9-12-60	27.06
	3-31-60	27.75	6- 3-60	28.05	7-29-60	27.82	10-17-60	26.69
	5- 2-60	27.59	6-20-60	28.35	8-22-60	27.42		
947-201-15	2-26-60	26.23	5-17-60	24.55	7-18-60	24.92	9-12-60	24.08
	3-31-60	25.40	6- 3-60	24.75	7-29-60	24.76	10-17-60	23.35
	5- 2-60	24.44	6-20-60	25.09	8-22-60	24.11		
947-201-16	3-31-60	48.10	6- 6-60	48.00	7-29-60	47.48	9-12-60	46.50
	5- 2-60	47.73	6-20-60	48.14	8-22-60	46.85	10-17-60	45.71
	5-17-60	47.82	7-18-60	47.79				
947-201-17	3-31-60	36.07	6- 6-60	34.78	7-29-60	34.13	9-12-60	33.37
	5- 2-60	35.28	6-20-60	34.84	8-22-60	33.31	10-17-60	32.24
	5-17-60	34.98	7-18-60	34.50				
947-201-18	4-12-60	27.22	7-18-60	27.44	8-22-60	26.87	10-17-60	26.13
	6-20-60	27.78	7-29-60	27.26	9-12-60	26.52		
947-202-11	3-22-60	36.04	6- 6-60	34.43	7-29-60	33.98	9-12-60	32.65
	5- 2-60	34.60	6-20-60	36.35	8-22-60	32.82	10-17-60	30.92
	5-16-60	34.15	7-18-60	34.83				
947-202-12	3-22-60	26.86	6- 6-60	23.43	7-29-60	23.13	9-12-60	21.58
	5- 2-60	23.68	6-20-60	23.92	8-22-60	21.07	10-17-60	19.85
	5-16-60	23.03	7-18-60	23.96				
947-202-13	4-28-60	30.19	6-20-60	30.74	7-29-60	31.33	9-12-60	31.50
	5-16-60	32.86	7-18-60	31.30	8-22-60	31.66	10-17-60	31.21
	6- 6-60	33.28						
947-202-14	3-10-60	9.70	5-16-60	8.66	7-18-60	8.90	9-12-60	8.00
	3-22-60	9.00	6- 6-60	9.16	7-29-60	8.77	10-17-60	7.93
	4-28-60	8.35	6-20-60	9.39	8-22-60	8.48		
947-202-15	3-15-60	32.72	5-16-60	31.67	7-18-60	24.30	9-12-60	23.48
	3-31-60	32.85	6- 6-60	24.72	7-29-60	24.16	10-17-60	23.44
	5- 2-60	31.78	6-20-60	24.92	8-22-60	23.97		
947-202-16	3-15-60	13.03	6- 6-60	12.54	7-29-60	11.74	9-12-60	10.87
	3-31-60	12.14	6-20-60	12.72	8-22-60	11.69	10-17-60	11.63
	5-16-60	11.99	7-18-60	11.57				
947-202-17	3-21-60	38.14	5-17-60	34.74	7-18-60	34.28	9-12-60	32.93
	3-31-60	34.85	6- 6-60	34.84	7-27-60	33.95	10-17-60	32.04
	5- 2-60	34.65	6-20-60	34.89	8-22-60	33.54		
947-202-18	5-18-60	37.93	7-18-60	37.52	8-22-60	36.85	10-17-60	35.56
	6-20-60	37.80	7-29-60	37.12	9-12-60	36.15		
947-202-19	5-30-60	40.09	7-18-60	35.77	8-22-60	33.37	10-17-60	32.61
	6-20-60	38.02	7-29-60	35.28	9-12-60	32.74		
947-202-21	7-18-60	10.75	8-22-60	10.52	9-12-60	9.86	10-17-60	10.00
	7-29-60	10.62						

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
948-155-1	6-26-58	13.78	2-16-59	15.25	8- 4-59	12.59	12-21-59	13.27
	10-29-58	16.03	4- 7-59	12.25	10- 1-59	11.45	2-29-60	14.10
	12-12-58	16.15	6-26-59	12.63	11-13-59	11.90	4-22-60	12.50
948-200-1	2-25-59	42.15	8- 6-59	37.98	2-26-60	36.49	7-29-60	35.22
	4- 6-59	39.97	10- 1-59	37.08	4-21-60	35.48	8-22-60	34.42
	5-27-59	38.93	11-16-59	36.18	7-18-60	35.25	9-12-60	33.86
	6-25-59	38.39	12-21-59	36.17				
948-200-4	2-24-60	42.60	5-17-60	41.07	7-18-60	41.78	9-12-60	40.36
	3-23-60	42.08	6- 3-60	41.14	7-29-60	41.60	10-17-60	39.25
	4-28-60	41.04	6-21-60	41.93	8-22-60	40.87		
948-200-5	3-22-60	38.44	5-17-60	37.02	7-18-60	37.28	9-12-60	35.78
	3-23-60	38.36	6- 3-60	37.15	7-29-60	37.21	10-17-60	34.31
	4-28-60	37.13	6-21-60	37.41	8-22-60	36.17		
948-200-6	3-22-60	37.83	5-17-60	38.53	7-18-60	38.89	9-12-60	37.49
	3-23-60	38.13	6- 3-60	38.77	7-29-60	38.81	10-17-60	36.05
	4-28-60	37.98	6-21-60	38.99	8-22-60	37.86		
948-200-7	5-18-60	41.00	7-18-60	41.33	8-22-60	40.41	10-17-60	38.80
	6-21-60	41.45	7-29-60	41.15	9-12-60	39.90		
948-201-7	2-18-60	52.36	5-17-60	51.68	7-18-60	52.02	9-12-60	50.63
	3-21-60	51.89	6- 3-60	52.13	7-29-60	51.71	10-17-60	49.98
	4-28-60	51.42	6-20-60	52.30	8-22-60	51.22		
948-201-8	2-18-60	26.52	5-17-60	25.03	7-18-60	25.23	9-12-60	24.27
	3-21-60	26.21	6- 3-60	25.15	7-29-60	24.99	10-17-60	23.65
	4-28-60	25.00	6-20-60	25.43	8-22-60	24.25		
948-201-9	2-19-60	49.12	5-17-60	47.43	7-18-60	47.52	9-12-60	46.66
	3-21-60	49.07	6- 3-60	47.24	7-29-60	47.48	10-17-60	45.68
	5- 2-60	47.71	6-20-60	47.31	8-22-60	47.14		
948-201-10	2-19-60	45.60	5-17-60	43.82	7-18-60	44.07	9-12-60	43.16
	3-21-60	45.36	6- 3-60	43.47	7-29-60	43.87	10-17-60	42.15
	5- 2-60	44.28	6-20-60	43.42	8-22-60	43.69		
948-201-11	3- 2-60	20.76	5-17-60	19.19	7-18-60	19.30	9-12-60	17.90
	3-22-60	20.21	6- 3-60	19.37	7-29-60	19.08	10-17-60	17.49
	4-28-60	19.06	6-20-60	19.54	8-20-60	18.65		
948-201-12	3- 2-60	17.81	5-17-60	16.07	7-18-60	15.99	9-12-60	14.55
	3-22-60	16.59	6- 3-60	16.32	7-29-60	15.91	10-17-60	14.42
	4-28-60	15.83	6-20-60	16.57	8-22-60	15.38		
948-201-13	7-18-60	14.43	7-29-60	14.20	8-22-60	14.00	10-17-60	13.57
948-202-4	3-11-60	60.07	4-28-60	59.18	6-20-60	58.11	8-22-60	58.30
	3-22-60	59.82	5-16-60	59.73	7-18-60	58.14	9-12-60	57.98
	4-18-60	59.54	6- 6-60	58.29	7-29-60	58.12	10-17-60	57.24
948-202-5	3-17-60	55.57	4-28-60	55.26	6-20-60	53.62	8-22-60	54.13
	3-22-60	55.70	5-16-60	54.97	7-18-60	53.62	9-12-60	53.91
	4-18-60	55.69	6- 6-60	53.97	7-29 60	53.70	10-17-60	53.10
948-202-6	3-18-60	48.76	5-16-60	47.33	7-18-60	47.71	9-12-60	46.54
	3-22-60	49.44	6- 6-60	47.67	7-29-60	47.39	10-17-60	46.02
	4-28-60	47.22	6-20-60	47.89	8-22-60	47.02		
948-202-7	3-18-60	31.63	5-16-60	30.38	7-18-60	30.82	9-12-60	30.02
	3-22-60	31.69	6- 6-60	30.52	7-29-60	30.65	10-17-60	29.29
	4-28-60	30.72	6-20-60	30.77	8-22-60	30.14		
948-202-8	4-25-60	57.46	7-18-60	57.59	8-22-60	56.80	9-12-60	56.36
	5-30-60	57.73	7-29-60	57.32	8-29-60	56.85	10-17-60	55.78

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
949-157-1	9-23-58	17.27	6-26-59	14.35	11-13-59	13.39	2-26-60	14.09
	2-16-59	17.03	8-17-59	14.08	12-21-59	13.76	4-22-60	13.19
	4- 7-59	14.94	10- 1-59	13.36				
949-157-6	9- 5-58	57.55	6- 5-59	54.82	8-15-59	54.61	10-25-59	53.47
	10-29-58	58.17	6-10-59	54.86	8-20-59	54.70	10-31-59	53.64
	12-12-58	58.03	6-15-59	54.85	8-25-59	54.81	11-10-59	53.73
	4- 8-59	55.59	6-20-59	54.73	8-31-59	54.50	11-15-59	53.68
	4-15-59	55.27	6-25-59	54.78	9- 5-59	54.47	11-20-59	53.95
	4-20-59	54.94	6-30-59	54.70	9-10-59	54.44	11-25-59	53.79
	4-25-59	55.07	7- 5-59	54.64	9-15-59	54.1	11-30-59	53.88
	4-30-59	54.92	7-10-59	54.83	9-20-59	54.00	12- 5-59	53.86
	5- 5-59	54.97	7-15-59	54.66	9-25-59	53.81	12-31-59	54.27
	5-10-59	55.10	7-20-59	54.44	9-30-59	53.74	1- 5-60	54.32
	5-15-59	55.07	7-25-59	54.49	10- 5-59	53.76	1-10-60	54.27
	5-20-59	55.08	7-31-59	54.57	10-10-59	53.71	1-15-60	54.28
	5-25-59	54.80	8- 5-59	54.61	10-15-59	53.58	1-20-60	54.45
	5-31-59	54.82	8-10-59	54.54	10-20-59	53.58	1-25-60	54.52
949-159-1	4- 6-59	24.36	6-59	20.26	11-13-59	16.93	2-26-60	22.21
	6-25-59	22.12	10- 1-59	14.22	12-21-59	19.32	4-21-60	19.10
949-201-1	6-26-58	5.22	12-12-58	5.18	8-17-59	3.98	12-22-59	4.26
	10- 3-58	5.19	4- 2-59	5.42	9-30-59	2.85	2-26-60	4.46
	10-30-58	5.40	6-25-59	4.44	11-12-59	3.50	4-20-60	4.27
950-143-1	3-16-56	15.32	3- 5-58	7.85	7- 9-58	9.30	10-30-58	8.56
	1-22-58	8.42	5-12-58	7.76	9-15-58	8.80	12-18-58	7.71
950-155-1	4- 6-59	2.74	8- 4-59	2.82	11-13-59	2.77	2-29-60	2.39
	6-26-59	3.34	10- 1-59	3.45	12-21-59	3.28	4-22-60	2.46
950-157-1	9-22-58	70.65	10-29-58	71.29	12-12-58	71.59		
951-156-1	4- 6-59	6.17	8- 6-59	4.81	11-13-59	4.19	2-26-60	5.20
	6-26-59	4.58	10- 1-59	3.74	12-21-59	5.10	4-21-60	4.50
951-201-1	6-22-58	5.69	2-13-59	5.29	8-17-59	4.52	12-22-59	5.24
	10-14-58	5.94	4- 2-59	3.83	9-30-59	4.17	2-26-60	5.17
	10-30-58	5.92	6-25-59	4.25	11-12-59	4.74	4-20-60	4.59
	12-12-58	5.50						
952-201-1	6-22-58	3.78	2-13-59	3.25	8-17-59	2.67	12-22-59	2.96
	10- 2-58	3.46	4- 2-59	2.76	9-30-59	2.60	2-26-60	2.92
	10-30-58	3.54	6-25-59	2.66	11-12-59	2.68	4-20-60	2.87
	12-12-58	3.26						
953-154-1	4- 6-59	3.88	8- 6-59	4.33	11-13-59	3.86	2-26-60	3.14
	6-25-59	4.89	10- 1-59	4.65	12-21-59	4.00	4-21-60	4.48
955-153-1	4- 6-59	3.44	8- 6-59	3.42	11-13-59	3.88	2-26-60	4.37
	6-25-59	4.49	10- 1-59	4.15	12-21-59	4.75	4-21-60	4.57
956-158-1	10-20-58	77.08	2-13-59	77.16	8-17-59	74.77	2-26-60	75.35
	10-28-58	77.44	4- 2-59	74.70	9-30-59	74.40	4-20-60	74.10
	12-12-58	77.56	6-24-59	74.67	12-22-59	74.84	6-28-60	75.22
957-200-1	7- 8-58	48.95	12-18-58	49.56	6-24-59	48.53	12-22-59	48.33
	9-15-58	50.98	2-13-59	48.82	8-17-59	48.97	2-26-60	48.24
	10-28-58	48.98	4- 2-59	47.60	11-12-59	47.61	4-20-60	48.16
957-200-3	7- 8-58	7.29	9-15-58	8.64	12-18-58	8.71		
957-202-1	3-18-59	2.80	8-17-59	2.95	11-12-59	2.55	2-26-60	2.47
	4- 6-59	3.22	9-30-59	2.35	12-22-59	2.85	4-20-60	2.47
	6-24-59	2.86						
958-139-1	1- 5-59	ǂ16.2	6- 3-59	ǂ14.4	10-26-59	ǂ15.7	4-25-60	ǂ14.6
	2-26-59	ǂ13.8	7-24-59	ǂ13.8	1-13-60	ǂ17.2	6-17-60	ǂ13.0
	4-23-59	ǂ16.5	8-31-59	ǂ13.6	3- 4-60	ǂ16.3		

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
958-139-2	9- 3-56	∮20.0	4-23-59	∮13.0	8-31-59	∮13.6	3- 4-60	∮13.0
	1- 5-59	∮13.0	6- 3-59	∮14.4	10-26-59	∮12.6	4-25-60	∮12.8
	2-26-59	∮11.2	7-24-59	∮11.0	1-13-60	∮14.2	6-17-60	∮10.4
958-151-2	4- 6-59	5.07	10- 1-59	4.12	12-21-59	6.43	4-21-60	6.04
	8- 6-59	3.77	11-13-59	5.08	2-26-60	8.34		
958-155-2	4- 6-59	4.66	8- 6-59	3.53	11-13-59	3.75	2-26-60	4.14
	6-25-59	3.41	10- 1-59	3.66	12-22-59	3.90	4-21-60	4.28
959-140-1	1- 5-59	∮14.9	6- 3-59	∮14.8	10-26-59	∮14.6	4-25-60	∮14.5
	2-26-59	∮13.5	7-24-59	∮14.0	1-13-60	∮15.0	6-17-60	∮13.2
	4-23-59	∮15.2	8-31-59	∮14.2	3- 4-60	∮14.4		
959-200-1	4- 6-59	2.59	8-17-59	2.58	11-12-59	3.10	2-26-60	3.16
	6-24-59	2.57	9-30-59	2.80	12-22-59	3.19	4-20-60	2.82
002-142-1	1- 5-59	∮31.3	6- 3-59	∮30.8	10-26-59	∮31.5	4-25-60	∮30.8
	2-26-59	∮29.5	7-24-59	∮30.4	1-13-60	∮31.9	6-17-60	∮29.3
	4-23-59	∮31.1	8-31-59	∮29.6	3- 4-60	∮31.9		
003-151-1	8- 7-40	∮41.7	4-24-59	∮37.5	9- 1-59	∮36.6	3- 7-60	∮36.4
	1- 5-59	∮34.0	6- 3-59	∮37.5	10-21-59	∮37.4	4-28-60	∮37.8
	2-27-59	∮35.2	7-22-59	∮37.1	1- 7-60	∮36.8	6-15-60	∮36.0
006-149-1	1- 5-59	∮25.9	6- 3-59	∮27.4	10-21-59	∮27.0	4-28-60	∮27.4
	2-27-59	∮25.7	7-22-59	∮26.7	1- 7-60	∮26.8	6-15-60	∮25.8
	4-24-59	∮27.8	9- 1-59	∮26.5	3- 7-60	∮26.5		
006-149-2	1- 5-59	∮24.0	6- 3-59	∮24.5	10-21-59	∮24.4	4-28-60	∮24.3
	2-27-59	∮23.6	7-22-59	∮23.8	1- 7-60	∮24.2	6-15-60	∮23.0
	4-24-59	∮25.1	9- 1-59	∮23.5	3- 7-60	∮23.6		
				Union County				
957-225-1	4- 2-59	4.37	8-13-59	5.01	11-10-59	5.50	2-23-60	6.04
	6-24-59	5.08	9-29-59	5.93	12-23-59	6.17	4-19-60	5.28
958-222-1	10-21-58	6.27	6-24-59	4.51	11-10-59	4.95	2-23-60	3.94
	2-13-59	3.62	8-13-59	3.16	12-23-59	5.94	4-19-60	5.45
	4- 2-59	3.42	9-29-59	5.98				
958-230-1	2-11-59	9.04	8-13-59	9.74	11-10-59	8.62	2-22-60	9.33
	4- 1-59	8.02	9-29-59	9.13	1- 4-60	9.79	4-19-60	10.07
	6-23-59	8.86						
959-233-1	12-11-57	94.07	7- 7-58	92.45	2-11-59	91.63	9-29-59	88.78
	1-20-58	93.79	9-11-58	92.00	4- 1-59	85.79	11-10-59	89.12
	2-27-58	92.96	10-27-58	94.54	6-23-59	85.57	7- 1-60	91.34
	5- 8-58	90.18	12-10-58	94.82	8-13-59	89.19		
000-232-1	12-11-57	3.35	9-11-58	4.58	4- 1-59	2.95	11-10-59	2.73
	1-20-58	3.53	10-27-58	6.55	6-23-59	3.65	1- 4-60	2.97
	2-27-58	2.20	12-10-58	6.55	8-13-59	4.14	2-22-60	2.72
	5- 8-58	4.66	2-11-59	2.90	9-29-59	4.40	4-19-60	3.62
	7- 7-58	3.53						
001-224-1	9- 8-59	90.85	11-10-59	90.49	2-23-60	91.37	5-18-60	90.12
	9-29-59	90.10	12-23-59	91.06	4-19-60	89.53	7- 1-60	91.16
002-218-1	4- 2-59	7.02	8-17-59	8.30	11-10-59	7.90	2-23-60	9.03
	6-24-59	7.76	9-29-59	8.05	12-23-59	8.98	4-20-60	8.32
003-224-1	10- 2-57	77.30	12-10-58	72.83	5-20-60	70.43	7- 1-60	71.42
	7- 7-58	72.28						
004-229-1	4- 1-58	8.28	7- 7-58	9.05	10-27-58	11.54	12-10-58	11.80
	5- 9-58	8.72	9-11-58	9.99				

Table 5.--Continued

Well number	Date	Water level	Date	Water level	Date	Water level	Date	Water level
005-222-1	4- 1-58	19.99	10-27-58	22.07	6-23-59	20.13	1- 4-60	20.33
	5- 9-58	20.35	12-17-58	20.96	8-13-59	20.26	2-23-60	20.23
	7- 7-58	20.25	2-12-59	20.04	9-29-59	20.11	4-19-60	20.60
	9-11-58	20.73	4- 1-59	19.57	11-10-59	19.94		
005-228-1	4- 1-58	9.53	10-27-58	14.49	6-23-59	10.46	1- 4-60	11.87
	5- 9-58	10.85	12-10-58	14.59	8-13-59	11.08	2-23-60	9.97
	7- 7-58	9.80	2-12-59	10.24	9-29-59	10.40	4-19-60	10.46
	9-11-58	12.85	4- 1-59	9.13	11-10-59	11.56		
007-222-1	11-25-58	92.87	6- 5-59	89.72	11-30-59	91.74	5-20-60	90.94
	11-30-58	93.12	6-10-59	89.82	12- 5-59	91.56	5-25-60	91.11
	12- 5-58	92.83	6-15-59	89.84	12-10-59	91.79	5-31-60	91.45
	12-20-58	93.84	6-20-59	89.88	12-15-59	91.81	6- 5-60	91.53
	12-25-58	93.88	6-25-59	90.13	12-20-59	91.91	6-10-60	91.84
	12-31-58	93.83	6-30-59	90.22	12-25-59	92.00	6-15-60	91.97
	1- 5-59	93.78	7- 5-59	90.36	12-31-59	92.03	6-20-60	92.08
	1-10-59	93.67	7-10-59	90.60	1- 5-60	92.03	6-25-60	92.14
	1-15-59	93.40	7-15-59	90.59	1-10-60	92.10	6-30-60	91.80
	1-20-59	93.53	7-20-59	90.33	1-15-60	91.87	7- 5-60	91.83
	1-25-59	93.52	7-25-59	90.25	1-20-60	92.19	7-10-60	91.95
	1-31-59	93.53	7-31-60	90.30	1-25-60	92.35	7-15-60	91.85
	2- 5-59	93.39	8- 5-59	90.47	1-31-60	92.03	7-20-60	91.58
	2-10-59	93.46	8-10-59	90.58	2- 5-60	92.05	7-25-60	91.40
	2-15-59	93.31	8-15-59	90.91	2-10-60	91.80	7-31-60	91.05
	2-20-59	93.32	8-20-59	90.97	2-15-60	92.21	8- 5-60	90.85
	2-25-59	93.13	8-25-59	91.10	2-20-60	92.28	8-10-60	90.64
	3- 5-59	92.37	8-31-59	91.07	2-25-60	91.75	8-15-60	90.53
	3-10-59	92.05	9- 5-59	91.35	2-29-60	91.70	8-20-60	90.62
	3-15-59	91.56	9-10-59	91.42	3- 5-60	91.45	8-25-60	90.69
	3-20-59	90.93	9-15-59	91.18	3-10-60	91.05	8-31-60	90.90
	3-25-59	90.54	9-20-59	91.25	3-15-60	90.96	9- 5-60	90.86
	3-31-59	89.90	9-25-59	91.16	3-20-60	90.77	9-10-60	90.73
	4- 5-59	89.68	9-30-59	91.13	3-25-60	90.35	9-15-60	90.94
	4-10-59	89.54	10- 5-59	91.41	3-31-60	89.97	9-20-60	90.95
	4-15-59	89.63	10-10-59	91.45	4- 5-60	89.95	9-25-60	90.90
	4-20-59	89.39	10-15-59	91.37	4-10-60	89.98	9-30-60	90.80
	4-25-59	89.72	10-20-59	91.35	4-15-60	90.07	10- 5-60	90.45
	4-30-59	89.64	10-25-59	91.07	4-20-60	90.11	10-10-60	90.18
	5- 5-59	89.92	10-31-59	91.37	4-25-60	89.92	10-15-60	89.88
	5-10-59	90.27	11- 5-59	91.40	4-30-60	90.13	10-20-60	89.85
	5-15-59	90.37	11-10-59	91.48	5- 5-60	90.32	10-25-60	89.98
	5-20-59	90.65	11-15-59	91.39	5-10-60	90.33	10-31-60	90.04
	5-25-59	90.38	11-20-59	91.45	5-15-60	90.66	11- 5-60	90.50
	5-31-59	89.92	11-25-59	91.26				
Levy County								
926-229-1	5- 7-58	6.22	9- 9-58	5.85	10-23-58	5.92		
930-233-1	2-10-58	3.43	5- 7-58	2.50	9- 9-58	.76	12- 8-58	.15
	2-25-58	3.60	7- 1-58	2.80	10-23-58	.67	2-10-59	.07

Table 6. Chemical Analyses and Temperatures of Ground Waters

(Note: For location of wells, see figures 5 and 6)

Chemical analyses in parts per million except specific conductance, pH, and color

Well number	Date of collection	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
ALACHUA COUNTY																					
Water-table aquifer																					
93021604	07-27-60	10	0.15	9.2	1.9	--	--	30	5.2	9.0	0.4	0.1	--	57	--	31	6	109	7.0	--	76
93322301	07-27-60	6.0	6.4	3.6	1.2	3.2	0.6	13	4.0	6.5	.1	.2	0.1	33	40	14	4	48	6.6	200	76
93621201	07-14-60	.6	.02	4.8	.9	--	--	18	--	--	.8	--	--	40	--	16	0	74	6.8	--	--
93721201	07-14-60	15	1.1	29	12	--	--	132	2.0	--	.6	--	--	143	--	122	14	252	7.9	--	73
93721201	07-27-60	15	.73	28	17	--	--	140	2.8	12	.6	--	--	173	--	140	26	287	8.0	--	73
94121001	07-14-60	15	.02	23	9.8	--	--	120	--	--	.4	--	--	117	--	98	0	215	7.6	--	75
94121102	07-14-60	19	.01	37	16	--	--	186	3.2	14	.4	.0	--	190	--	158	6	336	7.8	--	71
94220701	07-26-60	8.8	.66	2.8	2.7	13	.5	19	13	24	.2	.2	.2	74	111	18	2	144	6.6	140	80
94222101	07-28-60	3.6	.50	1.6	.7	8.0	.4	4	5.6	8.0	.4	1.4	.0	32	79	7	4	62	5.5	550	79
94321501	07-19-60	2.2	3.8	11	.9	--	--	33	--	--	.1	--	--	59	--	31	4	99	6.8	--	76
94621801	07-26-60	8.0	.10	13	6.2	26	29	12	16	61	.3	37	--	202	238	58	48	357	6.6	2	1
94622601	07-26-60	43	.16	5.2	1.5	6.5	.1	7	4.0	7.5	.1	16	.2	49	57	19	14	78	6.3	--	74
94721003	08-15-60	22	.04	44	18	--	--	228	--	--	.3	--	--	200	--	184	0	374	7.4	--	74
94921101	07-27-60	7.6	.55	3.2	2.9	20	.2	9	--	24	.0	14	--	58	--	20	12	143	6.4	--	75
94921401	07-27-60	4.1	.19	4.4	1.2	6.1	.8	16	6.4	6.0	.1	.9	.1	38	46	16	3	64	5.5	20	82
95021302	08-16-60	31	.78	38	13	--	--	186	--	--	.3	--	--	183	--	148	0	312	8.2	--	74
95022001	07-26-60	7.8	1.6	3.6	1.3	--	--	11	--	9.5	.3	.2	--	--	--	14	6	57	6.7	--	74
95122401	07-26-60	5.5	.35	5.2	2.7	3.9	.1	15	15	7.5	.5	.7	--	48	65	24	12	88	6.6	0	80
Secondary artesian aquifer																					
93021401	07-27-60	12	0.03	50	22			254	9.2	--	0.5	--		239		216	8	428	8.0		76
93220501	07-14-60	33	1.9	45	7.7			182	--	--	.8	--		201		144	0	309	8.1		76
93520403	07-14-60	9.8	.04	15	6.9			76	--	--	.5	--		76		66	4	142	7.2		79
93520404	07-14-60	12	.12	14	4.6			55	--	--	.5	--		68		54	9	110	7.1		79
93520601	07-14-60	15	.07	48	24			256	--	--	.3	--		232		218	0	424	8.3		86
93520701	07-14-60	41	.11	9.6	7.3			59	--	--	.7	--		98		54	6	115	7.1		79
93520801	07-14-60	42	.19	34	13			162	3.6	--	.5	--		193		138	6	288	8.0		--
93920402	07-15-60	25	.12	32	6.1			123	2.4	--	.6	--		146		105	4	226	7.1		80
93921501	07-15-60	32	.07	27	6.4			114	--	--	.5	--		141		94	0	201	7.8		--
93921601	07-20-60	17	.28	34	10			156	--	--	.6	--		151		126	0	259	8.1		78

93922001	07-20-60	12	0.87	36	14			180	--	--	0.6	--		180		148	0	303	8.2		83
94021101	07-14-60	11	.02	30	13			156	--	--	.4	--		141		128	0	258	7.5		78
94021401	07-19-60	30	.21	50	17			240	--	--	.6	--		243		195	0	412	7.6		78
94021402	07-19-60	30	.30	52	17			246	--	--	.5	--		251		200	0	407	8.0		76
94021801	07-20-60	17	.11	49	20			252	--	--	.8	--		226		204	0	399	7.8		76
94021904	07-21-60	1.5	.17	22	11			124	--	--	.6	--		114		100	0	225	7.8		79
94022001	07-20-60	17	.22	25	10			128	--	--	.5	--		127		104	0	220	7.8		81
94022002	07-20-60	15	.07	22	11			116	--	--	.6	--		114		100	5	195	7.7		81
94120501	07-15-60	12	.03	6.8	1.9			26	1.2	16	.8	--		63		25	4	100	6.8		82
94220601	07-15-60	24	.03	38	23			214	4.0	--	.5	0.1		219		190	14	365	7.7		80
94221001	07-14-60	49	.04	17	8.6			89	3.2	--	.5	--		133		78	5	168	7.3		73
94320801	07-19-60	26	.08	41	11			178	--	--	.5	--		190		148	2	310	7.7		76
94420501	07-15-60	23	.03	32	18			188	--	--	.5	--		189		154	0	328	7.8		83
94420601	07-15-60	24	.03	37	15			186	--	--	.6	--		182		154	2	318	7.8		79
94621001	07-28-60	12	.10	46	23			250	--	--	.4	--		230		210	4	415	8.0		75
94721002	07-28-60	11	.06	49	21	15	0.9	234	6.8	24	.4	6.3		249		209	17	453	8.0		74
94721007	08-15-60	15	.02	43	22			242	--	--	.5	--		224		198	0	400	7.6		72
94920801	07-27-60	16	.05	41	18			204	2.8	--	.3	--		202		176	10	344	8.2		82
95021001	08-16-60	13	.06	42	21			232	--	--	.2	--		221		192	2	385	8.1		76

Floridan aquifer

92720301	07-26-60	15	0.05	54	5.4	--	--	196	--	--	0.2	--	--	193	--	157	0	325	7.9	--	74
92920401	07-26-60	9.5	.31	14	2.4	16	8.9	30	25	20	.4	4.1	1.3	117	144	45	20	192	6.9	140	82
92920901	07-14-60	24	--	53	9.7	--	--	210	--	--	.3	--	--	209	--	172	0	347	8.1	--	76
92921301	07-27-60	20	.29	74	9.6	--	--	250	6.4	--	.3	--	--	252	--	221	19	354	8.2	--	76
92921401	07-27-60	17	.04	110	21	35	.7	312	6.0	126	.5	2.9	--	473	--	361	106	836	8.0	--	78
93020501	07-14-60	21	.89	67	10	--	--	254	--	--	.3	--	--	254	--	208	0	421	8.0	--	78
93020601	07-14-60	17	.07	54	11	--	--	218	--	--	.3	--	--	215	--	180	1	361	8.0	--	76
93020602	07-14-60	25	.03	66	16	--	--	280	--	--	.3	--	--	265	--	230	1	445	8.1	--	82
93020603	07-14-60	23	.12	34	11	--	--	230	--	--	.6	--	--	231	--	130	2	371	7.9	--	81
93021601	07-28-60	32	2.5	69	7.5	--	--	244	--	--	.7	--	--	238	--	202	2	382	8.2	--	74
93021602	07-27-60	18	.13	67	4.1	--	--	224	--	--	.4	--	--	224	--	184	0	364	8.2	--	76
93021702	07-13-60	6.7	.02	52	3.5	--	--	172	--	--	.3	--	--	171	--	144	3	290	7.9	--	75
93121802	07-13-60	11	.32	46	5.1	8.5	1.6	157	2.4	16	.3	.5	.6	169	196	136	8	293	7.9	70	--
93121901	07-13-60	16	.66	75	5.1	19	.6	252	3.6	38	.4	.1	--	289	--	208	2	501	8.2	--	82
93221501	07-28-60	14	.92	65	2.4	--	--	208	--	--	.3	--	--	206	--	172	2	339	8.2	--	74
93222201	07-27-60	12	7.3	105	5.8	--	--	308	--	--	.3	--	--	330	--	285	20	551	8.3	--	74
93223101	07-28-60	6.2	.05	53	2.4	--	--	168	--	--	.2	--	--	170	--	142	4	287	8.0	--	78
93320601	07-14-60	17	.28	47	8.9	--	--	180	--	--	.4	--	--	185	--	154	6	303	8.1	--	77
93321901	07-28-60	47	.92	101	9.5	22	.8	142	6.8	32	.7	.1	--	385	--	291	18	651	8.4	--	74

Table 6.--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Well number	Date of collection	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
ALACHUA COUNTY--Continued																					
Floridan aquifer--Continued																					
93323201	07-27-60	--	0.09	--	--	--	--	182	--	--	--	--	--	--	--	--	--	326	8.0	--	77
93320402	07-27-60	14	.07	44	4.4	--	--	154	--	--	0.3	--	--	160	--	128	2	260	8.0	--	82
93320901	07-14-60	32	.08	14	4.4	--	--	36	5.2	13	.9	8.5	--	104	--	53	24	140	6.8	--	79
93321101	07-14-60	34	.21	50	12	--	--	212	--	--	.5	--	--	220	--	174	1	345	8.2	--	76
93321302	07-14-60	7.5	.03	35	1.6	--	--	84	4.0	12	.4	33	--	146	--	94	25	260	7.8	--	78
93322001	07-20-60	11	2.3	138	3.3	20	1.2	422	.8	33	.1	.6	--	420	443	358	6	718	8.3	--	81
93322002	07-20-60	9.1	.07	117	2.4	--	--	340	--	--	.3	--	--	340	--	302	4	583	8.4	--	82
93322003	07-20-60	9.0	1.5	118	6.6	--	--	358	1.2	--	.2	--	--	359	--	322	15	601	8.3	--	81
93322101	07-28-60	17	.03	130	3.8	31	.4	356	13	67	.3	--	--	438	--	340	48	783	8.1	--	74
93322501	07-27-60	7.0	.05	89	1.5	--	--	270	6.0	6.5	.2	--	--	264	--	228	12	450	8.2	--	78
93320701	07-14-60	24	.06	44	12	--	--	194	--	--	.5	--	--	194	--	160	0	330	8.1	--	81
93322001	07-21-60	2.4	.04	12	.7	14	.5	21	2.0	30	.2	.6	0.1	73	96	33	16	146	6.5	--	79
93322003	07-20-60	11	.13	92	1.6	--	--	278	12	--	.2	--	--	281	--	236	8	471	8.1	--	84
93323602	07-28-60	6.5	.02	34	1.2	--	--	103	5.2	--	.2	--	--	118	--	90	6	184	7.2	--	--
93721202	07-19-60	14	.03	37	20	--	--	192	.8	6.5	.6	--	--	176	--	174	17	315	8.0	--	81
93721601	07-19-60	49	.05	13	2.1	--	--	46	--	15	1.5	.1	--	124	--	41	4	148	7.1	--	78
93721701	07-19-60	18	.05	58	6.7	--	--	204	--	--	.4	--	--	211	--	172	5	348	8.0	--	78
93722201	08-16-60	7.5	.02	44	.7	3.7	.1	137	2.8	2.5	.1	.9	--	130	132	113	0	234	7.5	--	74
93722301	08-16-60	19	--	78	4.7	--	--	248	6.4	--	.2	--	--	292	--	124	11	407	8.1	--	78
93723201	07-29-60	9.1	.01	42	2.7	--	--	136	--	--	.2	--	--	131	--	116	4	227	7.8	--	74
93320601	07-14-60	21	.17	34	21	--	--	196	2.0	--	.6	--	--	189	--	172	11	324	8.1	--	84
93321101	07-14-60	51	.09	34	8.0	--	--	134	3.6	--	1.0	--	--	177	--	118	8	236	7.9	--	74
93321102	07-14-60	1.7	.03	7.6	1.5	--	--	30	--	--	.5	--	--	38	--	25	0	72	7.0	--	--
93321103	07-14-60	45	.02	34	11	--	--	156	--	--	.9	--	--	188	--	130	2	272	8.1	--	--
93321601	07-19-60	25	.04	53	14	--	--	222	12	--	.4	--	--	236	--	190	8	388	8.2	--	82
93321701	07-20-60	14	.02	12	5.8	--	--	60	--	--	.4	--	--	68	--	54	5	119	7.2	--	80
93321702	07-19-60	22	.06	48	10	--	--	184	9.2	10	.4	--	--	198	--	161	10	336	7.5	--	80
93321901	07-20-60	22	.07	54	15	--	--	216	22	--	.5	--	--	244	--	196	19	400	8.2	--	74
93321902	07-20-60	20	.08	82	8.1	--	--	280	4.0	--	.3	--	--	300	--	238	8	483	8.2	--	74
93321903	07-20-60	9.9	.17	36	4.9	10	1.1	128	8.8	11	.4	0.4	1.3	147	175	110	5	255	8.0	75	74
93321904	08-16-60	10	.04	18	5.4	11	1.2	50	21	19	.5	.2	--	111	--	67	26	193	7.4	--	76
93321906	07-20-60	16	.11	46	7.5	7.2	.8	171	10	10	.4	.2	.8	183	200	146	6	309	8.2	45	76
93322301	08-16-60	8.9	.20	78	.4	--	--	218	7.6	--	.3	--	--	233	--	196	18	406	8.2	--	78
93322303	08-16-60	22	.03	70	.9	--	--	212	--	--	.3	--	--	228	--	178	4	364	8.0	--	74

93823401	07-29-60	16	.02	147	37	20	2.4	188	344	26	.6	.6	.0	687	743	519	65	983	8.1	--	78
93823402	07-29-60	7.7	.01	52	3.0	--	--	170	--	--	.2	--	--	163	--	142	2	277	8.1	--	78
93823501	07-29-60	6.5	.02	52	2.6	--	--	162	--	--	.2	--	--	159	--	140	7	273	8.1	--	74
93823601	07-29-60	6.1	.02	51	2.7	--	--	162	--	--	.2	--	--	160	--	138	5	273	8.0	--	74
93823602	08-29-60	5.6	.02	50	3.6	--	--	156	5.2	--	0.2	--	--	156	--	140	12	269	8.1	--	74
93823701	07-29-60	5.9	.02	50	3.2	--	--	162	--	--	.2	--	--	154	--	138	5	268	8.0	--	71
93921902	07-20-60	26	.08	50	18	--	--	220	19	11	.4	--	--	245	--	199	18	410	8.2	--	79
93922101	08-15-60	8.1	.07	55	5.6	--	--	192	--	--	.3	--	--	190	--	160	2	329	8.2	--	80
93922102	08-15-60	12	.07	82	3.8	--	--	256	7.6	--	.3	--	--	263	--	220	10	440	8.1	--	79
93922301	08-15-60	9.6	.04	45	.0	--	--	134	--	--	.3	--	--	150	--	112	2	240	7.4	--	82
93922302	08-15-60	9.4	.10	49	.9	--	--	150	--	--	.2	--	--	161	--	126	3	263	7.6	--	81
93922303	08-15-60	11	.03	50	.7	--	--	160	--	--	.3	--	--	161	--	128	0	264	7.7	--	79
93922501	08-16-60	13	.04	63	1.2	--	--	192	--	--	.3	--	--	204	--	162	4	333	7.8	--	79
93922601	08-16-60	10	.03	76	4.5	--	--	248	3.2	--	.2	--	--	245	--	208	5	418	7.7	--	81
93922701	08-16-60	15	.08	87	1.2	--	--	262	1.2	--	.2	--	--	266	--	222	8	441	7.8	--	80
93922702	08-16-60	9.2	.58	59	3.6	--	--	202	--	--	.2	--	--	203	--	162	0	341	7.6	--	74
94021102	07-14-60	36	.09	42	19	--	--	216	--	--	.4	--	--	216	--	182	5	365	7.9	--	74
94021701	07-20-60	30	.05	46	16	8.9	.7	222	8.0	9.0	.3	.2	--	228	227	181	0	370	8.2	--	74
94021702	07-20-60	33	.05	46	17	--	--	220	--	9.5	.5	.0	--	239	--	135	4	376	7.7	--	74
94021802	07-20-60	9.4	.07	12	4.5	--	--	76	--	--	.5	--	--	82	--	50	0	147	7.5	--	76
94021804	07-20-60	23	.33	49	19	--	--	270	--	--	.6	--	--	245	--	200	0	414	7.7	--	79
94021902	07-20-60	29	.17	62	21	--	--	244	36	12	.4	--	--	303	--	242	42	468	8.0	--	81
94021903	07-20-60	26	.17	55	18	--	--	246	22	--	.5	--	--	268	--	211	10	433	8.1	--	83
94022401	08-15-60	8.2	.06	70	1.8	--	--	208	22	10	0.2	.2	--	224	--	182	12	391	7.8	--	77
94120701	07-15-60	20	.05	35	17	--	--	200	3.6	20	.3	--	--	213	--	158	0	360	7.8	--	--
94121101	07-14-60	35	.29	37	20	--	--	224	--	--	.3	--	--	231	--	174	0	367	7.8	--	74
94122401	08-16-60	17	.02	51	9.5	--	--	204	--	--	.5	--	--	199	--	166	0	333	7.7	--	74
94123401	07-29-60	--	.02	--	--	--	--	52	--	--	--	--	--	--	--	--	--	94	7.4	--	79
94220304	07-15-60	13	.09	32	9.2	--	--	142	.4	13	.3	--	--	147	--	118	2	261	7.6	--	83
94220305	07-15-60	19	.01	45	17	--	--	228	--	--	.4	--	--	228	--	182	0	389	7.7	--	77
94220306	07-15-60	15	.05	33	8.6	--	--	150	2.4	15	.3	--	--	162	--	118	0	277	7.6	--	80
94320401	07-15-60	28	.07	50	14	--	--	216	2.4	--	.4	.0	--	226	--	182	6	366	7.8	--	82
94320701	07-19-60	30	.09	30	11	--	--	142	4.0	14	.6	--	--	175	--	120	4	272	7.6	--	--
94321502	07-19-60	3.8	.07	25	11	5.3	0.1	134	.4	5.5	.3	.1	--	118	117	108	0	227	7.7	--	76
94322101	07-28-60	30	.04	64	25	9.2	.2	306	14	8.0	.2	.1	--	302	299	262	12	504	8.2	--	78
94422201	07-28-60	12	.02	62	12	--	--	250	--	--	.6	--	--	230	--	204	0	397	8.0	--	74
94521201	07-14-60	29	.05	54	25	--	--	288	--	--	.6	--	--	282	--	238	2	472	7.9	--	78
94523701	07-26-60	2.7	.04	24	2.7	--	--	80	5.2	--	.2	--	--	84	--	71	6	155	7.2	--	81
94620601	07-28-60	21	.24	43	9.4	9.1	1.4	178	.4	10	.4	.1	--	183	181	146	0	309	7.9	--	79
94620801	07-28-60	19	.07	42	18	--	--	214	12	12	.5	--	--	224	--	179	4	388	8.0	--	80
94621302	07-26-60	17	.46	38	15	4.8	.1	190	.8	7.0	.3	.1	--	177	178	156	1	312	8.2	--	78
94721001	07-28-60	24	.19	48	16	8.0	.2	230	2.0	10	.3	.1	--	222	220	186	0	376	8.2	3	74

Table 6.--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Well number	Date of collection	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
ALACHUA COUNTY--Continued																					
Floridan aquifer--Continued																					
94722501	07-26-60	33	0.03	44	14	--	--	198	--	--	1.2	--	--	213	--	168	5	332	7.8	--	78
94722902	07-21-60	16	.02	70	14	--	--	184	58	12	.1	0.2	--	262	--	232	81	475	7.4	--	74
94722904	07-26-60	14	.50	74	8.6	26	0.8	224	31	44	.2	.0	--	309	--	220	36	545	7.0	--	74
94823101	07-21-60	11	.05	53	5.4	6.0	.1	158	25	8.0	.3	.1	--	187	205	154	24	322	7.9	5	78
94823102	07-21-60	3.9	.08	47	2.6	5.1	.1	142	13	6.0	.2	.2	--	148	155	128	12	269	7.9	3	81
94923601	07-22-60	7.5	.04	66	5.2	7.4	.1	202	21	8.0	.2	.6	--	216	220	186	20	377	8.1	5	79
94923602	07-21-60	7.2	.09	70	5.7	92	.9	202	29	145	.2	.1	--	450	479	198	32	836	7.9	6	78
95022401	07-21-60	19	.03	33	13	--	--	168	--	--	.4	--	--	168	--	136	0	282	8.0	--	78
95023601	07-21-60	8.0	.09	133	4.9	29	5.5	348	43	28	.3	60	--	483	--	352	67	783	7.9	--	82
95023602	07-21-60	6.8	.04	64	3.0	--	--	202	--	--	.0	--	--	204	--	172	6	347	8.1	--	78
95023603	07-21-60	11	.03	63	6.6	34	.8	186	35	44	.3	.3	--	287	--	184	32	501	8.2	--	79
95122402	07-26-60	22	.09	53	16	7.9	.7	208	30	8.0	.4	.1	--	240	248	198	28	401	8.2	4	76
95123501	--	--	--	--	--	--	--	202	--	--	--	--	--	240	--	--	--	404	7.8	--	--
95223201	07-21-60	26	.04	49	8.6	15	.4	210	--	--	.2	--	--	215	--	158	0	351	7.6	--	82
95323101	07-26-60	23	.05	98	20	--	--	136	168	18	.5	--	--	397	--	326	15	643	7.4	--	76
95422701	07-21-60	17	.07	53	9.2	--	--	194	14	12	.5	--	--	212	--	170	11	359	7.4	--	79
95423001	07-21-60	15	.09	47	6.4	--	--	162	8.0	--	.2	--	--	170	--	144	11	280	7.7	--	85
95522801	07-22-60	14	.10	50	9.0	--	--	158	32	--	.4	--	--	208	--	162	32	331	7.4	--	79
95522802	07-22-60	13	.04	49	2.8	--	--	152	16	--	.3	--	--	183	--	134	10	289	7.5	10	76
95522803	07-22-60	15	0.07	53	5.4	--	--	158	26	8.0	0.3	--	--	195	--	154	24	322	7.4	10	80
95522804	07-22-60	14	.10	49	9.1	5.9	0.4	144	41	6.0	.4	0.4	0.1	197	243	160	42	331	7.1	--	79
95522805	07-22-60	11	.07	40	3.4	--	--	128	8.8	7.0	.2	--	--	138	--	114	9	241	7.4	--	77
BRADFORD COUNTY																					
Water-table aquifer																					
94520204	08-19-60	7.9	0.05	7.2	3.6	--	--	36	1.6	5.5	0.1	--	--	48	--	33	4	84	6.8		72
94520402	09-22-60	14	2.2	41	21	--	--	248	--	--	.2	--	--	241	--	189	0	416	7.8		75
94720207	09-29-60	.7	.16	21	.0	--	--	76	--	--	.5	--	--	78	--	52	0	150	6.8		72
94720302	09-29-60	.7	5.2	1.4	.5	--	--	17	--	--	.1	--	--	28	--	6	0	41	6.7		75
94820301	09-29-60	.6	.04	4.0	.5	--	--	31	4.4	3.5	1.9	--	--	44	--	12	0	84	7.0		75
94820303	09-29-60	.9	.03	3.2	.5	15	0.2	42	--	--	.0	--	--	45	--	10	0	81	7.1		73
94820306	09-30-60	.8	1.5	.8	.2	--	--	3	--	--	.0	--	--	14	--	3	0	25	6.0		76
95020301	09-22-60	.2	.08	3.2	1.5	6.6	.2	29	--	--	.3	--	--	30	--	14	0	66	6.8		77
95020302	08-31-60	6.7	.72	1.0	.6	--	--	7	--	5.5	.0	0.2	--	22	--	5	0	32	6.2		81
95121301	08-30-60	6.7	.21	1.6	1.9	15	.1	8	.8	9.5	.0	10	--	48	--	12	6	104	6.1		74

95221001	08-31-60	5.3	0.05	2.2	0.9	—	—	12	—	—	0.0	—	—	23	—	9	0	35	6.2		80
95221202	08-30-60	9.4	.02	9.6	2.9	—	—	40	—	—	.6	—	—	59	—	36	3	98	6.7		76
95320501	09-22-60	6.0	1.4	4.8	3.4	19	0.5	52	—	22	.5	0.7	—	84	—	26	0	172	6.6		76
95321001	09-22-60	2.6	.81	20	2.2	12	.8	59	16	23	3.1	.1	—	110	—	59	10	221	6.6		—
95420901	08-31-60	19	.76	55	31	—	—	324	—	—	.3	—	—	295	—	164	0	520	7.9		76
95421201	08-31-60	22	.12	38	17	—	—	200	—	—	.3	—	—	199	—	165	1	334	7.6		—
95620801	09-30-60	8.5	4.8	1.2	1.7	12	.0	0	2.4	22	.1	.4	0.0	48	61	10	10	96	4.5		—
95720701	09-15-60	13	.02	28	14	—	—	140	2.4	5.0	.5	—	—	137	—	128	13	250	7.4		73
95720901	09-30-60	5.3	1.1	2.4	3.9	37	3.5	2	2.0	48	.1	27	.0	130	132	22	20	239	5.3		—
95721201	09-29-60	16	.06	50	24	—	—	268	—	—	.3	—	—	247	—	224	4	432	7.7		74
95721601	09-29-60	9.8	.02	12	3.2	—	—	47	—	3.0	.4	3.5	—	64	—	43	4	104	6.9		74
95820901	09-22-60	16	.01	37	18	—	—	156	4.8	31	.3	12	—	206	—	166	38	424	7.5		—
95821002	09-22-60	8.2	.56	20	3.4	62	5.5	64	18	92	.2	6.6	.1	248	274	64	12	467	6.9		—
95821302	09-29-60	3.3	.43	10	5.8	25	—	82	—	25	.2	.1	—	116	—	49	0	220	7.1		77
95821501	09-22-60	15	.01	45	21	—	—	230	1.2	—	.2	—	—	223	—	199	10	394	7.8		—
95920501	10-01-60	58	.36	42	15	20	1.1	230	—	—	.4	—	—	269	—	172	0	389	7.8		—
95920601	10-01-60	46	.04	35	20	25	—	250	—	16	.4	—	—	269	—	178	0	416	7.9		—
95921101	09-30-60	8.4	.26	4.0	4.9	42	1.2	4	4.4	55	.1	39	.0	161	164	30	26	281	5.4		—
95921102	09-30-60	11	.24	1.2	1.0	11	.4	4	.8	16	.1	2.2	.0	46	49	7	4	73	5.7		—
95921802	09-30-60	13	.11	48	3.9	8.4	3.7	174	—	8.0	.2	—	—	175	—	136	0	302	7.7		—
00021001	10-01-60	1.0	.03	12	11	—	—	72	8.8	36	.9	.1	—	127	—	75	16	255	7.4		81

Secondary artesian aquifer

94520405	09-22-60	16	0.11	25	16	13	0.9	140	0.4	20	0.6	1.0		162		128	14	283	7.7		77
94520503	08-20-60	11	.13	15	7.9	—	—	69	.4	16	.6	—		91		70	14	167	7.2		76
94620401	09-29-60	14	.46	40	20	—	—	232	—	—	.3	—		222		182	0	390	7.9		75
94820304	08-20-60	15	.10	18	6.1	—	—	81	11	—	.3	—		94		70	4	168	7.3		73
94920401	08-31-60	20	.58	42	31	—	—	248	1.2	—	.1	—		217		232	30	388	8.2		78
95020401	08-31-60	15	.10	34	17	—	—	190	—	—	.2	—		180		155	0	306	8.1		78
95120601	08-31-60	29	.03	49	26	—	—	288	—	—	.2	—		286		230	0	477	7.8		74
95120602	08-31-60	29	.04	42	22	—	—	250	—	—	.2	—		258		196	0	426	7.7		76
95120901	08-31-60	15	.07	30	13	—	—	150	.8	—	.1	—		158		128	6	265	7.5		75
95220901	08-31-60	18	.03	34	16	—	—	176	.8	—	.1	—		175		151	7	292	7.5		77
95220902	08-31-60	18	.29	36	18	—	—	202	—	—	.3	—		196		164	0	330	7.6		81
95221002	08-31-60	16	1.1	45	19	—	—	232	—	—	.1	—		212		190	0	369	7.6		76
95221201	08-30-60	17	.04	46	25	—	—	262	—	—	.2	—		245		218	4	433	7.7		—
95320401	08-31-60	50	.31	58	13	16	2.2	278	.8	8.0	.4	.4	0.0	286	285	198	0	426	7.7	20	—
95320801	08-31-60	20	1.8	44	27	—	—	262	—	—	.2	—		249		221	6	433	7.7		78
95320802	09-22-60	19	.59	50	27	—	—	290	—	—	.2	—		261		236	0	460	7.7		74
95420501	08-31-60	68	1.2	54	25	30	—	326	—	23	.6	—		363		238	0	544	8.0		79
95420801	08-31-60	24	.06	43	26	—	—	258	—	—	.5	—		234		214	3	402	7.8		79
95421001	08-31-60	11	.85	55	19	—	—	262	—	—	.3	—		223		215	0	414	7.9		—

Table 6.--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Well number	Date of collection	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
BRADFORD COUNTY--Continued																					
Secondary artesian aquifer--Continued																					
95520601	09-15-60	55	0.14	47	23	26	--	280	--	22	0.6	0.0		312		212	0	489	7.5		77
95520602	09-15-60	18	.12	50	23	--	--	260	2.8	12	.5	--		241		220	6	422	7.6		74
95620802	09-30-60	17	.43	51	27	--	--	290	--	--	.2	--		264		238	0	466	7.8		76
95720401	10-01-60	43	.82	47	18	17	--	248	--	10	.3	.0		258		192	0	403	7.7		84
95720601	09-15-60	69	.33	50	24	25	--	294	--	23	.4	--		337		224	0	505	7.8		74
95720702	09-15-60	18	.03	35	18	--	--	194	--	--	.3	--		197		162	22	332	7.6		78
95820701	09-15-60	42	.06	43	24	20	--	266	--	17	.2	.0		287		206	0	451	7.8		77
95821001	09-22-60	13	.04	51	23	--	--	266	--	--	.2	--		250		222	4	444	7.7		73
95920301	10-01-60	37	1.2	46	5.6	--	--	182	--	--	.3	--		201		144	0	296	7.6		79
95920701	10-01-60	46	.15	46	23	18	--	270	--	18	.4	--		291		213	0	458	7.9		--
95920901	10-01-60	20	.02	45	22	--	--	244	--	--	.3	--		243		203	3	415	7.9		80
95921501	09-30-60	16	.14	41	22	--	--	236	--	--	.3	--		219		193	0	381	7.7		76
95921601	09-30-60	17	.13	42	20	--	--	230	--	--	.3	--		211		187	0	367	7.9		77
95921603	09-30-60	16	--	33	16	--	--	180	--	--	.3	--		179		148	1	302	7.7		81
00121501	09-29-60	18	.06	33	15	--	--	172	--	--	.3	--		176		144	3	291	7.9		76
Floridan aquifer																					
94420301	07-15-60	21	0.10	45	14			220	--	--	0.4			226		170	0	373	8.0		73
94420301	08-23-60	21	.08	44	15			214	--	--	.4			185		--	--	370	7.9		73
94520305	08-18-60	20	.04	56	23			300	--	--	.4			293		234	0	503	8.1		82
94520502	08-20-60	19	.19	30	7.5			134	0.4	16	.7			157		106	0	257	7.7		76
94820302	08-20-60	16	.05	22	9.2			119	--	--	.1			133		93	0	212	7.3		74
95021301	08-30-60	1.2	.14	4.8	12			91	3.6	9.0	.5			90		62	0	176	7.6		78
95322001	09-15-60	16	.16	29	13			136	12	--	.4			159		126	16	257	7.1		78
95521901	09-15-60	30	.78	38	16			198	--	--	.6			204		161	0	323	7.4		--
95821301	09-29-60	17	.47	57	27			310	--	--	.4			282		253	0	505	7.9		74
00320301	06-28-60	13	--	30	10			136	8.4	--	.3			150		116	4	247	8.0		75

CLAY COUNTY

Water-table aquifer

94320201	08-23-60	4.2	0.18	10	7.5	24	2.4	80	30	18	0.2	0.4	0.1	136	162	56	0	250	6.8	110	77
94615601	08-23-60	1.2	.08	.8	.5	20	.5	41	6.0	4.0	.0	.0	.0	53	70	4	0	97	6.7	30	80
94615901	08-23-60	.0	.03	2.2	.5	--	--	17	--	10	1.7	.5	--	57	--	8	0	97	6.5	--	74
94620001	08-17-60	12	.07	30	10	--	--	146	--	--	.3	--	--	134	--	116	0	254	7.4	--	73
94620002	08-17-60	4.7	.27	4.0	1.9	12	2.4	3	21	8.0	.1	7.3	.0	63	71	18	16	109	5.8	--	76
94620202	08-17-60	2.9	.80	5.2	2.7	12	.6	27	11	11	.2	.2	.0	59	75	24	2	109	6.6	100	76
94620203	08-17-60	6.3	.07	1.6	.6	--	--	10	--	4.5	.1	--	--	32	--	6	0	43	6.3	--	76
94720001	08-19-60	1.9	.35	1.2	.5	--	--	5	--	--	.1	--	--	23	--	5	1	37	6.2	--	74
94720002	08-19-60	1.6	1.0	2.4	.5	3.7	.4	18	.8	5.5	.1	.0	.1	24	26	8	0	51	6.6	30	80
94720103	08-24-60	1.3	.16	7.6	1.5	--	--	47	--	--	.1	--	--	58	--	25	0	108	6.4	--	79
94720109	08-18-60	2.6	4.8	10	5.6	4.7	.5	0	72	40	.1	.1	.0	136	260	48	48	336	4.2	--	82
94720202	08-19-60	7.2	.06	8.0	.5	3.2	1.7	29	3.6	1.5	.1	.0	.6	40	44	22	0	62	6.9	30	78
94720208	08-19-60	.0	.31	26	9.5	--	--	146	6.0	30	.2	.0	--	156	--	143	24	331	6.9	--	73
94820001	08-24-60	1.2	.10	3.6	1.2	--	--	25	--	3.0	1.2	.5	--	52	--	14	0	90	6.8	--	78
94915901	08-24-60	.8	.04	3.6	.7	7.3	.2	13	--	--	2.2	--	--	30	--	12	2	64	6.6	--	79
94920101	08-25-60	4.0	.13	11	5.0	--	--	126	--	10	.1	.3	--	141	--	48	0	258	6.9	--	79
95015501	08-23-60	3.0	.08	5.6	1.5	21	1.8	59	9.2	9.5	.5	3.4	--	84	90	20	0	146	7.4	0	83
95115601	08-19-60	3.8	.19	.6	.7	--	--	8	--	--	.0	--	--	27	--	4	0	38	6.0	--	76
95120101	08-25-60	3.8	1.6	1.6	.6	--	--	6	--	--	.1	--	--	22	--	6	2	32	6.1	--	76
95220101	08-25-60	3.1	.30	1.2	.7	--	--	9	--	--	.0	--	--	27	--	6	0	42	6.1	--	--
95314001	08-30-60	2.8	1.4	--	--	3.4	.2	9	.4	6.5	.1	--	--	24	--	--	--	38	6.2	--	78
95315401	08-30-60	2.8	.33	4.0	3.2	9.2	8.8	75	--	18	.5	.2	--	89	--	23	0	200	6.7	--	79
95414001	07-30-60	4.4	.05	1.0	.6	--	--	7	--	--	.0	--	--	17	--	5	0	38	6.2	--	79
95415301	08-25-60	14	.34	32	18	--	--	184	--	--	.3	--	--	160	--	154	3	304	7.4	--	76
95514101	08-25-60	5.9	1.1	1.6	2.2	16	.6	7	12	19	.1	.0	.0	61	62	13	8	104	5.9	--	--
95515301	08-24-60	7.2	.16	10	5.4	21	--	102	--	12	1.8	.0	--	108	--	47	0	193	6.9	--	79
95720201	08-24-60	2.5	.04	2.8	1.0	13	.5	15	6.0	14	2.8	.4	.1	50	66	11	0	103	6.4	20	--
95820002	08-25-60	4.5	.16	1.4	.5	--	--	9	--	--	.0	--	--	22	--	6	0	33	6.5	--	78
95914201	08-26-60	6.5	.15	2.4	4.1	13	.6	5	4.4	10	.1	34	.0	78	85	23	19	121	6.1	--	--
95914202	07-30-60	2.3	.17	3.2	1.7	--	--	4	8.0	22	.1	.0	--	52	--	15	12	104	6.0	--	76
00015201	08-25-60	7.1	.02	37	1.8	9.0	15	78	10	15	.2	47	--	196	--	100	36	311	7.5	5	--
00214901	08-25-60	3.0	1.9	2.0	.6	--	--	9	--	--	.1	--	--	24	--	8	0	41	6.3	--	76
00214902	08-25-60	5.7	.68	1.2	.5	3.8	.0	7	.4	6.5	.1	.5	.0	22	24	5	0	39	6.2	20	--
00215101	08-24-60	--	.22	--	--	--	--	238	--	--	--	--	--	196	--	195	0	377	8.1	--	76
00215302	08-20-60	3.6	.28	3.0	.4	--	--	12	--	--	.1	--	--	35	--	9	0	59	6.5	--	74
00415901	07-29-60	18	.93	56	9.8	--	--	228	--	--	.5	--	--	200	--	187	0	361	8.2	--	72
00615001	07-29-60	5.6	.11	37	15	--	--	184	--	--	.5	--	--	151	--	154	3	308	8.0	--	76
00615101	--	11	.14	52	22	7.4	--	278	--	9.5	.2	--	--	239	--	220	0	438	8.1	--	--

Table 6.--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Well number	Date of collection	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
CLAY COUNTY--Continued																					
Water-table aquifer--Continued																					
00815901	07-18-60	19	0.27	54	11	8.4	--	234	--	5.5	0.3	--	--	213	--	180	0	370	8.0	--	--
00815902	07-18-60	19	.18	57	11	--	--	242	--	--	.3	--	--	213	--	187	0	380	7.9	--	80
00715801	07-18-60	10	.07	58	17	--	--	280	--	--	.3	--	--	227	--	226	0	425	7.9	--	--
00715901	07-18-60	20	.33	67	8.5	--	--	250	--	--	.2	--	--	221	--	202	0	400	8.1	--	80
00715902	07-18-60	4.7	1.7	2.0	3.2	4.6	--	42	--	9.0	.1	0.0	--	55	--	18	0	93	6.8	--	--
00815901	07-18-60	6.2	.11	3.2	1.5	26	6.6	8	22	27	.1	12	0.1	109	110	14	8	187	6.5	--	--
00920001	07-18-60	15	5.0	54	27	--	--	288	--	--	.3	--	--	255	--	246	0	474	8.3	--	74
01014203	07-18-60	16	.18	33	17	--	--	132	--	--	.6	--	--	192	--	152	44	337	7.9	--	78
01115901	07-18-60	3.8	.83	3.2	4.9	28	2.0	8	.8	40	.1	35	.0	122	142	28	22	220	6.4	--	--
Secondary artesian aquifer																					
94415904	08-18-60	16	0.03	15	4.0	--	--	65	2.4	6.0	0.5	--	--	81	--	54	0	130	7.2	--	79
94415905	08-18-60	5.4	.97	7.6	2.2	--	--	34	1.6	8.5	.6	--	--	48	--	28	0	88	6.8	--	83
94520001	08-17-60	11	.24	28	7.8	--	--	120	2.0	--	.3	--	--	136	--	102	4	223	7.0	--	75
94520002	08-17-60	12	.21	26	9.5	--	--	127	--	--	.2	--	--	136	--	104	0	226	7.4	--	78
94520103	08-18-60	10	3.9	20	5.8	--	--	88	1.2	14	.2	--	--	107	--	74	2	189	7.5	--	75
94520204	08-18-60	0.9	.06	6.0	8.5	--	--	58	5.6	--	0.4	--	--	61	--	50	2	124	7.3	--	77
94615902	08-17-60	16	.04	14	9.0	--	--	83	--	--	.2	--	--	91	--	72	4	148	7.1	--	74
94615903	08-17-60	7.9	.07	15	6.9	--	--	77	--	--	.2	--	--	79	--	66	3	137	7.0	--	74
94620003	08-17-60	12	.03	16	9.5	--	--	96	.4	--	.2	--	--	112	--	79	0	185	6.8	--	72
94620005	08-17-60	.5	.03	5.0	.6	--	--	24	2.8	--	.1	--	--	31	--	15	0	56	6.6	--	74
94715601	08-18-60	13	.03	25	9.1	--	--	118	--	--	.3	--	--	127	--	100	4	211	7.5	--	74
94720105	08-19-60	4.4	.07	13	6.7	--	--	68	.8	--	.3	--	--	72	--	60	4	128	7.1	--	82
94720108	08-19-60	11	.06	13	3.8	4.2	.2	55	.8	6.5	.4	.3	--	67	--	48	3	119	6.7	--	80
94720112	08-19-60	12	1.3	14	5.6	--	--	79	3.2	12	.5	--	--	90	--	58	0	169	7.0	--	74
94720113	08-18-60	14	.08	18	7.8	--	--	91	.4	9.0	.2	--	--	99	--	77	2	171	7.3	--	81
94720205	08-19-60	3.6	.39	1.2	.2	--	--	14	.4	7.5	--	--	--	29	--	4	0	48	6.4	--	77
94720210	08-19-60	8.2	.03	13	4.7	--	--	71	--	--	.3	--	--	59	--	52	0	127	6.9	--	80
94815401	08-18-60	9.4	.03	32	1.0	--	--	104	--	--	.1	--	--	115	--	84	0	185	7.5	--	76
94815402	08-18-60	17	.04	29	4.0	--	--	110	--	--	.3	--	--	126	--	89	0	198	7.5	--	74
94820103	08-19-60	9.2	.03	14	7.5	--	--	80	1.2	--	.4	--	--	80	--	66	0	146	7.2	--	74
94820104	08-19-60	11	.10	18	8.5	--	--	97	--	--	.1	--	--	104	--	80	0	173	7.5	--	74
94820106	08-19-60	14	.05	12	5.4	--	--	66	2.0	--	.2	--	--	76	--	52	0	124	7.2	--	74
94820203	08-19-60	9.0	.05	8.8	3.4	--	--	44	2.0	6.0	.4	--	--	58	--	36	0	99	7.0	--	--
94915704	08-16-60	9.5	.02	20	5.6	--	--	90	--	--	.0	--	--	98	--	73	0	163	7.3	--	78

94915804	08-19-60	9.0	0.02	12	5.8	--	--	66	2.4	--	0.2	--	--	68	--	54	0	123	7.4	--	73
95014301	08-24-60	11	.05	74	2.8	--	--	240	--	--	.2	--	--	230	--	196	0	389	8.2	--	73
95213703	08-26-60	29	.65	91	1.7	--	--	288	--	--	.2	--	--	302	--	234	0	479	7.9	--	74
95214701	08-24-60	55	.09	60	18	17	2.4	288	.8	12	1.9	0.4	0.2	310	310	224	0	468	7.8	20	79
95214702	08-24-60	1.1	.06	32	16	26	3.4	146	.0	40	1.6	.2	.0	182	184	120	0	326	7.5	20	72
95214801	08-24-60	75	.10	66	11	22	2.2	288	.8	14	1.9	.2	.0	335	343	210	0	477	7.8	20	77
95415302	08-20-60	22	.05	42	14	14	--	220	--	5.0	.3	--	--	209	--	162	0	352	7.7	--	75
95514501	08-24-60	65	.09	44	18	14	--	238	--	5.0	.4	.0	--	274	--	184	0	382	7.6	--	76
95514502	08-24-60	73	.05	48	18	14	--	248	--	5.0	2.1	--	--	289	--	193	0	393	7.6	--	74
95714401	08-25-60	14	.31	72	2.1	--	--	232	--	--	.2	--	--	226	--	188	0	377	7.7	--	79
95720001	08-25-60	27	.15	30	10	--	--	142	--	--	.2	--	--	154	--	116	0	236	7.3	--	--
95814501	08-20-60	13	.07	69	2.9	--	--	230	--	--	.3	--	--	212	--	184	0	358	7.6	--	78
95814801	08-20-60	8.4	.06	22	6.1	--	--	95	--	--	.6	--	--	100	--	80	2	167	7.2	--	78
95820001	08-25-60	24	.24	40	10	4.5	--	172	--	--	.3	--	--	171	--	140	0	271	7.4	--	79
00215303	08-20-60	16	.02	38	4.6	--	--	145	--	--	.3	--	--	148	--	114	0	244	7.6	--	74
00315201	08-25-60	28	.08	32	15	21	2.2	194	--	--	1.6	--	--	217	--	142	0	324	8.1	--	--
00315202	08-25-60	43	.02	30	13	22	3.2	190	--	--	1.3	--	--	225	--	130	0	322	8.1	--	--
00615202	07-29-60	11	.06	61	19	--	--	284	--	--	.2	--	--	247	--	230	0	440	8.0	--	79
00814502	07-18-60	18	.40	45	9.6	--	--	178	--	--	.5	--	--	188	--	152	6	303	8.1	--	72
00814601	07-18-60	19	.11	34	2.7	--	--	122	--	--	.3	--	--	135	--	96	0	209	7.8	10	79
01114901	07-18-60	6.8	.08	34	5.1	--	--	129	1.6	--	.3	--	--	149	--	106	0	249	7.9	--	79

Floridan aquifer

94320202	08-17-60	2.7	1.4	11	0.4	--	--	36	0.4	9.5	0.1	--	--	51	--	29	0	94	6.8	--	--
94415902	08-18-60	8.9	.36	30	4.6	--	--	112	--	--	.2	--	--	113	--	94	2	200	7.4	--	80
94415903	08-30-60	13	.17	26	6.1	--	--	107	.4	8.0	.2	--	--	113	--	90	2	194	7.6	--	78
94520101	08-17-60	--	.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
94520102	08-17-60	20	--	43	19	--	--	240	--	--	.4	--	--	235	--	186	0	398	7.9	--	75
94520201	08-18-60	16	.06	38	10	--	--	164	--	--	.4	--	--	168	--	136	2	281	7.7	--	79
94520202	08-18-60	14	.20	13	3.8	--	--	54	.8	7.0	.3	--	--	70	--	48	4	117	7.1	--	78
94615904	08-17-60	.2	.09	8.8	7.3	--	--	66	--	--	.5	--	--	63	--	52	0	130	7.1	--	74
94620204	08-20-60	11	.03	27	7.4	--	--	114	--	--	.3	--	--	117	--	98	4	204	7.5	--	75
94720101	05-17-60	--	--	--	--	--	--	80	4.8	--	--	--	--	--	--	--	--	162	7.6	--	82
94720101	08-19-60	--	.03	--	--	--	--	79	--	--	--	--	--	--	--	--	--	154	7.0	--	75
94720102	05-17-60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	136	--	--	82
94720102	08-19-60	13	.09	14	5.8	--	--	65	2.0	6.0	.2	--	--	76	--	59	6	136	7.4	--	75
94720104	08-19-60	.9	.07	5.2	4.1	--	--	38	.8	8.0	.3	3.0	--	49	--	30	0	105	6.9	--	80
94720106	08-19-60	7.5	.08	27	3.0	--	--	97	--	--	.2	--	--	94	--	80	0	174	7.6	--	78
94720111	08-18-60	13	.03	13	6.0	--	--	68	1.6	--	.2	--	--	72	--	57	1	124	7.7	--	89
94820101	08-19-60	8.2	.05	18	4.1	4.9	0.1	75	1.6	5.0	.2	.6	--	80	87	62	0	145	7.3	--	74
94820201	08-19-60	12	.56	31	8.9	--	--	138	--	--	.1	--	--	151	--	114	1	249	7.6	--	74
94820202	08-19-60	16	.28	28	10	--	--	136	--	--	.1	--	--	148	--	111	0	239	7.8	--	74

Table 6.--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Well number	Date of collection	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
CLAY COUNTY--Continued																					
Floridan aquifer--Continued																					
94915705	08-18-60	9.8	0.05	20	5.8	--	--	90	--	--	0.0	--	--	88	--	74	0	163	7.5	--	74
94915801	08-19-60	8.8	.03	20	4.9	--	--	84	--	--	.0	--	--	81	--	70	1	149	7.6	--	--
94915802	08-19-60	9.8	.03	20	5.6	--	--	90	--	--	.0	--	--	89	--	73	0	164	7.4	--	74
94915803	08-19-60	10	--	21	5.2	--	--	91	2.0	--	.2	--	--	93	--	74	0	169	7.3	--	74
94920201	08-19-60	8.7	.04	27	5.7	3.5	0.1	110	.8	5.0	.1	0.7	--	106	114	91	1	191	7.6	--	73
95013702	08-26-60	13	.07	26	14	--	--	136	15	--	.3	--	--	147	--	122	11	258	7.9	--	76
95113701	06-10-60	--	--	--	--	--	--	110	50	--	--	--	--	--	--	--	--	308	7.8	--	--
95113701	08-26-60	12	.03	30	17	--	--	120	46	7.0	.4	--	--	177	--	145	46	305	7.8	--	73
95113702	08-26-60	14	.01	25	11	--	--	125	10	--	.4	--	--	135	--	108	5	236	7.4	--	76
95213702	08-26-60	14	.09	60	27	--	--	110	166	--	.3	--	--	357	--	260	70	528	7.3	--	74
95213901	08-30-60	27	.51	91	2.2	9.5	1.7	306	.8	10	.3	.4	0.1	294	310	236	0	484	7.4	20	85
95313701	08-26-60	13	.02	23	13	28	6.8	184	--	--	1.4	--	--	194	--	111	0	325	7.6	--	74
95313801	08-26-60	12	.04	21	12	--	--	112	14	--	.1	--	--	119	--	102	10	218	7.4	--	75
95315301	08-20-60	22	.29	56	12	13	1.3	250	.4	7.0	.5	.3	.1	236	245	189	0	389	7.7	20	--
95413803	08-26-60	12	.05	25	11	4.4	--	185	12	6.0	.2	--	--	162	--	108	0	227	7.4	--	73
95514601	08-24-60	52	.06	59	16	14	--	264	--	9.0	2.2	--	--	289	--	212	0	429	7.6	--	77
95613901	08-20-60	12	.04	21	12	--	--	115	8.0	--	.5	--	--	118	--	102	8	211	7.4	--	75
95615901	08-25-60	11	.08	23	5.7	--	--	100	--	--	.3	--	--	95	--	81	0	173	7.3	--	75
95713801	08-20-60	12	.07	22	11	--	--	116	8.4	--	.3	--	--	120	--	100	5	213	7.4	--	75
95714101	07-30-60	12	0.02	22	10	--	--	110	6.4	--	0.3	--	--	114	--	96	6	204	7.3	--	77
95813701	08-25-60	12	.21	26	13	--	--	114	30	--	.3	--	--	158	--	118	25	258	7.4	--	74
95813801	08-26-60	9.4	.08	22	10	32	--	106	64	6.0	.4	0.1	--	196	--	96	9	329	7.4	--	82
95813802	08-25-60	12	.06	24	14	--	--	109	29	--	.4	--	--	151	--	118	28	249	7.4	--	76
95813901	08-26-60	12	.03	30	16	4.8	1.1	104	52	6.0	.3	.1	--	173	188	141	56	294	8.0	2	77
95813902	08-26-60	13	.04	46	22	6.2	1.4	102	114	8.0	.2	.2	--	261	304	206	22	423	8.0	1	82
95814401	08-20-60	8.0	.04	18	9.0	--	--	101	--	--	.3	--	--	93	--	82	0	177	7.3	--	78
95814803	08-20-60	8.0	.04	24	6.1	3.8	.1	104	1.6	5.0	.1	.1	--	100	108	85	0	183	7.6	--	77
95815101	08-20-60	2.2	.04	20	6.6	6.0	1.5	103	.4	5.0	.1	.3	--	93	95	77	0	178	7.4	8	80
95815501	08-20-60	21	.83	68	21	--	--	308	--	--	.2	--	--	278	--	256	4	478	7.8	--	78
95815802	08-25-60	11	.14	23	6.2	--	--	102	--	--	.2	--	--	99	--	83	0	173	7.3	--	80
95815902	08-25-60	13	.03	32	9.0	5.2	.2	147	.4	3.5	.2	.4	--	136	143	117	0	240	7.8	7	78
00514301	08-26-60	11	.05	18	9.0	--	--	98	--	--	.5	--	--	102	--	82	2	183	7.6	--	80
00514501	08-30-60	11	.04	18	9.5	--	--	97	10	--	.8	--	--	104	--	84	4	183	7.6	--	74
00514502	08-30-60	11	.09	19	8.9	--	--	95	--	--	.5	--	--	105	--	84	6	183	7.7	--	74
00515001	07-29-60	11	.01	19	9.8	--	--	97	10	--	.4	--	--	110	--	88	8	189	7.6	--	74
00515101	07-29-60	11	.02	21	7.2	--	--	97	--	--	.6	--	--	107	--	82	2	182	7.6	--	75
00515201	07-29-60	10	.02	20	8.3	--	--	97	--	--	.2	--	--	107	--	84	4	183	7.6	--	74
00514401	07-30-60	11	.02	18	10	--	--	96	9.2	--	.4	--	--	105	--	86	8	188	7.9	--	74

00614601	07-30-60	12	0.05	21	7.7	--	--	97	9.2	5.0	0.3	--	--	111	--	84	4	187	7.5	--	75
00614602	07-18-60	11	.11	20	8.3	--	--	97	8.8	5.5	.3	--	--	108	--	84	4	185	7.7	--	81
00614701	08-09-60	--	--	--	--	--	--	96	4.8	--	--	--	--	--	--	--	--	185	7.7	--	--
00614701	07-30-60	11	.02	20	8.8	--	--	96	9.6	--	.4	--	--	110	--	86	8	188	7.6	--	76
00614901	08-09-60	11	.02	18	9.5	--	--	95	8.0	--	.3	--	--	104	--	84	6	180	7.8	--	73
00614901	07-30-60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	185	7.6	--	--
00614902	08-09-60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	182	7.6	--	--
00614902	07-18-60	11	.08	18	9.0	--	--	96	--	--	.3	--	--	105	--	82	4	185	7.5	--	73
00615002	08-09-60	11	--	18	10	--	--	96	7.6	--	.2	--	--	104	--	86	8	183	7.6	--	--
00615002	07-29-60	--	.04	--	--	--	--	96	--	--	--	--	--	--	--	--	--	185	7.6	--	--
00714201	07-18-60	13	.07	20	11	--	--	97	18	--	.4	--	--	125	--	95	16	208	7.4	--	--
00714301	07-18-60	12	.10	19	11	--	--	103	13	--	.4	--	--	118	--	92	8	203	7.9	--	--
00314501	07-18-60	13	--	23	12	--	--	109	24	--	.5	--	--	138	--	107	18	233	7.9	--	--
00815501	07-18-60	19	.17	25	10	--	--	148	11	--	1.4	--	--	166	--	104	0	274	7.9	--	74
00914201	08-09-60	15	.13	34	17	--	--	122	102	--	.6	--	--	253	--	155	55	347	7.9	--	--
00914201	07-16-60	--	.13	--	--	--	--	122	--	--	--	--	--	--	--	--	--	327	7.9	--	79
00914202	07-16-60	14	.05	28	16	--	--	112	43	--	.6	--	--	178	--	136	44	286	7.9	--	--
00914301	07-16-60	14	.12	27	14	--	--	116	34	--	.6	--	--	174	--	125	30	265	7.9	--	--
01014101	07-16-60	15	.04	48	20	--	--	114	107	--	.6	--	--	279	--	202	08	417	7.9	--	--
01014201	07-16-60	15	0.19	34	17	--	--	134	--	--	0.6	--	--	213	--	155	45	337	7.8	--	80
01014202	07-16-60	16	.04	31	17	--	--	124	--	--	.7	--	--	205	--	148	46	320	8.0	--	79
01014204	07-16-60	16	.05	46	18	--	--	114	94	8.0	.6	--	--	246	--	189	96	402	8.0	--	84
01014205	07-16-60	15	.11	35	22	7.8	--	130	61	8.0	.5	--	--	213	--	178	72	350	8.0	--	--
01014501	07-16-60	19	.07	26	13	6.4	--	--	--	--	--	--	--	157	--	--	--	--	--	--	--

UNION COUNTY

Water-table aquifer

95622201	08-31-60	6.1	0.34	1.6	0.5	1.5	0.2	4	0.8	3.0	0.1	0.8	0.1	17	23	6	2	28	5.8	--	--
95622601	08-31-60	8.6	.46	2.6	.6	--	--	10	--	--	.4	--	--	30	--	9	1	38	6.0	--	78
95622701	08-31-60	7.8	.32	6.8	2.2	7.5	11	3	23	7.0	.2	16	.0	83	91	26	24	129	5.5	--	--
95722501	08-31-60	8.4	.24	6.0	1.7	4.4	--	35	--	5.5	.2	.0	--	43	--	22	0	80	6.5	--	78
95722801	08-31-60	7.3	.66	6.0	1.7	15	5.2	18	11	21	.3	7.5	.0	84	90	22	7	146	6.5	--	--
95822201	09-01-60	7.5	.42	11	2.6	46	4.8	55	12	53	.4	1.3	1.0	146	198	38	0	301	7.2	40	--
95822202	09-01-60	23	1.3	22	11	--	--	130	--	--	.2	--	--	152	--	100	0	230	7.4	--	--
95822701	09-01-60	7.8	.08	6.0	.4	--	--	14	--	--	.6	--	--	40	--	16	5	60	6.4	--	77
95822902	09-01-60	5.2	.25	2.8	1.9	--	--	15	--	--	.1	--	--	45	--	15	2	73	6.5	--	78

Table 6.--Continued

Chemical analyses in parts per million except specific conductance, pH, and color--Continued

Well number	Date of collection	Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Phosphate (PO_4)	Dissolved solids: Calculated	Dissolved solids: Residue at 180°C	Hardness as $CaCO_3$: Calcium, magnesium	Hardness as $CaCO_3$: Noncarbonate	Specific conductance (micromhos at 25°C)	pH	Color	Temperature (°F)
UNION COUNTY--Continued																					
Water-table aquifer--Continued																					
95922401	09-01-60	20	0.07	22	11	--	--	110	0.4	7.5	0.2	--	--	121	--	100	10	206	6.9	--	78
95923101	09-01-60	5.9	.11	3.2	.6	--	--	8	--	--	.1	--	--	41	--	10	4	66	6.0	--	76
00221401	09-17-60	6.9	.08	13	3.8	9.0	4.1	23	7.2	18	.3	27	--	100	--	48	29	173	6.7	--	80
00221801	09-17-60	1.6	.03	22	14	--	--	131	8.8	7.0	.5	--	--	132	--	112	5	247	7.6	10	77
00221901	09-17-60	8.8	.02	30	14	--	--	140	2.0	12	.4	16	--	159	--	132	18	294	7.5	--	77
00321401	09-17-60	13	.03	41	19	--	--	218	--	--	.3	--	--	204	--	180	2	368	8.1	--	76
00322901	09-15-60	6.7	.13	4.0	3.4	40	3.0	4	.4	44	.1	62	0.0	166	172	24	20	274	8.8	--	--
00323101	09-15-60	8.8	.06	2.4	2.4	18	2.6	11	8.0	18	.1	15	.1	78	85	16	7	133	8.3	--	--
00422802	09-15-60	6.1	.26	14	6.6	52	22	2	17	64	.5	12	.0	302	322	62	60	483	4.9	--	--
00422901	09-15-60	5.7	.92	1.2	.4	--	--	10	--	--	.1	--	--	23	--	4	0	30	6.3	--	77
00423001	09-15-60	6.5	.05	6.8	4.1	10	.9	1	6.4	16	.2	33	.0	84	84	34	33	136	4.8	--	--
00522201	09-16-60	11	.57	38	21	--	--	216	--	--	.4	--	--	190	--	182	4	341	8.1	--	70
00522801	09-15-60	9.6	.03	19	9.4	--	--	92	1.6	--	.3	--	--	107	--	86	10	181	7.3	--	71
00620901	09-22-60	21	.14	50	23	--	--	274	--	--	.2	--	--	261	--	220	0	450	8.1	--	70
00821001	09-22-60	14	.07	41	20	--	--	200	2.8	16	.3	4.3	--	211	--	184	10	378	7.6	--	--
Secondary artesian aquifer																					
95522503	08-31-60	18	0.04	38	5.1	--	--	124	9.6	--	0.5	--		162		116	14	249	7.3		77
95722101	08-31-60	11	.09	12	3.2	--	--	48	.8	--	.6	--		60		43	4	98	6.8		79
95722102	08-31-60	2.3	.20	16	6.1	--	--	81	2.0	5.0	.3	--		77		65	0	153	6.7		76
95722301	08-31-60	20	.09	38	14	--	--	186	--	--	.4	--		173		152	0	314	7.7		76
95722401	08-31-60	19	--	35	16	--	--	184	--	--	.3	--		180		154	2	302	7.7		79
95821801	09-01-60	14	.08	26	9.0	--	--	123	--	--	.2	--		126		102	1	214	7.4		77
95822401	09-01-60	19	.05	34	16	--	--	184	--	--	.3	--		180		151	0	301	7.8		78
95822901	09-01-60	26	.08	40	14	--	--	182	8.0	--	.5	--		200		158	8	315	7.4		75
95921604	09-01-60	14	.07	29	14	--	--	158	--	--	.3	--		152		130	0	263	7.8		75
95921703	09-17-60	18	.02	17	10	--	--	93	1.6	--	.5	--		114		84	8	177	7.0		79
95922001	09-01-60	9.0	.09	31	13	18	1.1	130	.8	28	.2	33		198		131	24	351	7.2		73
00022002	09-01-60	8.9	.03	26	13	--	--	137	1.6	--	.3	--		140		118	6	239	7.5		70
00022601	09-16-60	37	.00	22	17	--	--	136	1.2	9.0	.7	--		163		125	14	260	7.8		74
00022602	09-16-60	24	.02	37	15	--	--	188	--	--	.5	--		98		154	0	330	8.0		74
00022701	09-16-60	20	.03	37	17	--	--	188	12	--	.4	--		199		162	8	327	7.9		73
00122001	09-16-60	15	.02	34	14	--	--	170	5.2	9.5	.4	.1		170		142	3	302	7.8		78
00122002	09-16-60	8.5	.01	30	8.5	--	--	126	3.2	--	.2	--		131		110	6	227	7.5		86
00122701	09-16-60	34	.05	45	18	--	--	218	11	--	.5	--		234		186	8	367	8.2		74
00123102	09-15-60	15	.09	30	10	--	--	134	1.2	--	.4	--		143		116	6	234	7.7		77

00221301	09-17-60	11	0.02	38	16	--	--	186	8.0	--	0.2	--		197		161	8	339	7.8		80
00221604	09-17-60	17	.02	34	17	--	--	168	5.6	20	.4	--		185		155	18	337	7.6		77
00221802	09-17-60	18	.04	37	1.8	--	--	118	.8	8.5	.2	--		137		100	4	215	7.3		78
00221803	09-17-60	16	.16	41	22	--	--	240	--	--	.4	--		218		193	0	381	7.7		78
00223001	09-15-60	38	.02	30	14	--	--	160	--	4.5	.6	--		184		132	2	269	7.7		84
00321301	09-17-60	8.4	.05	21	9.4	56	1.8	88	.8	84	.5	37		262		91	19	503	7.6		80
00321402	09-17-60	14	.01	38	19	--	--	218	--	--	.3	--		202		173	0	355	8.1		78
00321901	09-17-60	11	.02	42	23	--	--	236	--	--	.3	--		211		200	6	380	8.2		77
00421301	09-22-60	20	.07	55	27	--	--	306	--	--	.2	--		266		248	0	473	8.1		77
00421401	09-17-60	14	.05	49	27	--	--	266	2.8	--	.3	--		247		234	9	445	8.3		78
00422601	09-16-60	15	.02	42	21	--	--	232	--	--	.3	--		214		192	2	375	8.1		74
00621201	09-22-60	13	.05	36	18	--	--	198	--	--	.3	--		190		164	2	331	7.8		76
00621501	09-17-60	24	.07	34	17	--	--	196	--	--	.4	--		193		155	0	319	7.9		77
00720901	09-22-60	24	.44	48	16	--	--	224	--	--	.3	--		233		186	2	382	8.0		80
00721001	09-22-60	23	.05	47	25	12	--	274	--	15	.3	--		274		220	0	452	8.0		--
00721101	09-22-60	13	.18	34	18	--	--	194	--	--	.3	--		185		159	0	320	7.9		80
00721201	09-22-60	14	.19	42	19	--	--	232	--	--	.3	--		207		183	0	365	8.2		77
Floridan aquifer																					
95522501	08-31-60	17	0.17	34	11	5.8	0.8	154	6.0	8.5	0.4	--	--	139	--	116	8	226	7.2	--	77
95622301	08-31-60	19	.08	25	13	--	--	131	4.8	--	.3	0.0	0.0	160	173	130	4	265	7.4	45	--
95622501	08-31-60	21	.09	26	13	--	--	142	--	--	.4	--	--	151	--	118	2	243	7.2	--	76
95622801	08-31-60	11	.09	40	4.4	--	--	123	4.8	8.0	.3	21	--	167	--	118	17	253	8.9	10	76
95722601	08-31-60	31	.07	38	17	--	--	200	--	--	.3	--	--	205	--	165	1	326	7.8	--	74
95823101	09-01-60	19	.09	26	8.5	--	--	109	.8	7.5	.3	--	--	124	--	100	10	211	7.3	--	76
95823301	09-01-60	12	.17	54	5.7	--	--	190	--	--	.2	--	--	191	--	158	2	318	7.7	--	73
95922901	09-01-60	23	.08	43	14	--	--	194	16	--	.5	--	--	218	--	165	6	348	7.7	--	73
95923301	09-01-60	19	.06	42	10	--	--	170	10	--	.4	--	--	170	--	146	6	300	7.4	--	76
95923302	09-01-60	16	--	46	9.0	--	--	176	--	--	.3	--	--	186	--	152	8	309	7.5	--	77
00022001	09-16-60	15	.02	38	13	--	--	180	--	--	.4	--	--	183	--	148	1	308	8.0	--	78
00023001	09-16-60	39	.01	22	10	--	--	108	2.8	9.0	.7	--	--	146	--	96	8	211	7.3	--	75
00023203	09-15-60	30	.03	44	18	--	--	190	18	10	.5	--	--	221	--	184	28	359	7.9	--	80
00023301	09-15-60	14	.01	45	7.7	--	--	166	--	--	.3	--	--	178	--	144	8	295	8.0	--	77
00121901	09-22-60	21	.01	43	15	--	--	186	--	--	.4	--	--	212	--	169	16	357	8.0	--	77
00122401	09-16-60	2.8	.02	6.0	13	--	--	81	.4	--	.3	--	--	83	--	68	2	159	7.1	--	73
00123101	09-15-60	11	.28	34	8.0	4.3	.4	136	4.4	6.0	.4	.3	.7	137	149	118	6	243	7.4	20	--
00421101	09-22-60	20	.02	37	12	--	--	160	24	--	.4	--	--	182	--	142	11	289	8.0	--	74
00421103	09-22-60	21	.07	38	12	--	--	160	23	--	.5	--	--	186	--	144	14	290	7.9	--	78
00422701	09-16-60	25	.49	39	19	--	--	212	--	--	.3	--	--	203	--	176	2	338	8.2	--	84
00422801	09-15-60	.3	.09	3.6	.1	--	--	29	1.2	4.0	.1	--	--	33	38	10	0	71	7.0	--	74

PUTNAM COUNTY

Secondary artesian aquifer

93920201	07-15-60	11	0.02	11	6.0			58			0.4					52	4	111	7.5		80

Floridan aquifer

94220201	07-15-60	13	0.05	24	12			152			0.5					110	0	267	7.8		81

Table 7. Duration and Type of Surface-Water Data

Site no. (Fig.3)	Name and location	Drainage area (sq. mi.)	Type and period of record
2	Ates Creek near Penney Farms, Fla.	40.8	Periodic discharge, crest stages, 1957-60
3	Blue Pond near Keystone Heights, Fla.	* .31	Depth, stage, 1958-60
4	Brooklyn Lake at Keystone Heights, Fla.	* 1.00	Depth, stage, and occasional measurements of outflow, 1957-60
5	Bull Creek near Middleburg, Fla.	20.4	Occasional discharge, crest stages, 1957-60
6	Butler Creek near Lake Butler, Fla.	8	Occasional discharge, crest stages, 1957-60
7	Camps Canal near Rochelle, Fla.	115	Periodic discharge, 1948-52; daily stage and discharge, 1957-60
8	Clarkes Creek near Green Cove Springs, Fla.	8.8	Occasional discharge, crest stages, 1957-60
10	Deep Creek near Rodman, Fla.	54.3	Occasional discharge, crest stage, 1956-60
11	Etonia Creek near Florahome, Fla.	172	Daily stage and discharge, 1950-51
12	Glen Springs near Gainesville, Fla.	-	Occasional discharge, 1942-60
13	Green Cove Springs at Green Cove Springs, Fla.	-	Occasional discharge, 1929-60
14	Greens Creek near Penney Farms, Fla.	14.9	Periodic discharge, peak stages, 1957-60
17	Hatchet Creek near Gainesville, Fla.	57	Occasional discharge, peak stage 1948-60
19	Heilbronn Springs 6 mi. N.W. of Starke, Fla.	-	Occasional discharge, 1946-60
20	Hogtown Creek near Gainesville, Fla.	15.6	Occasional discharge, peak stage, 1958-60
21	Kingsley Lake at Camp Blanding, Fla.	* 2.54	Depth, stage, 1945, 1947-60

Table 7. (Continued)

Site no. (Fig.3)	Name and location	Drainage area (sq. mi.)	Type and period of record
22	Lake Butler at Lake Butler, Fla.	* .4	Stage, 1957-60
23	Lake Geneva at Keystone Heights, Fla.	* 2.73	Depth, stage, 1957-60
24	Lake Grandin near Interlachen, Fla.	* .55	Stage, 1957-60
25	Lake Johnson near Keystone Heights, Fla.	* .74	Stage, 1945-60
26	Lake Sampson near Starke, Fla.	* 3.24	Stage and occasional measurements of outflow, 1957-60
27	Little Orange Creek near Orange Springs, Fla.	78.9	Periodic discharge, 1947-52; occasional discharge, 1956
29	Loch Lommond near Keystone Heights, Fla.	-	Depths, stage, 1959-60
30	Lochloosa Creek at Grove Park, Fla.	34.7	Occasional discharge, 1947, 1956; periodic discharge, 1957-60
31	Lochloosa Creek near Hawthorne, Fla.	43.3	Periodic discharge, 1947-52
32	Lochloosa Lake at Lochloosa, Fla.	* 10.3	Stage, 1942-52, 1956-60; daily stage and discharge at outlet, 1946-55
33	Magnesia Springs near Hawthorne, Fla.	-	Occasional discharge, 1941-60
34	Magnolia Lake near Keystone Heights, Fla.	* .31	Depth, stage, and occasional measurement of outflow, 1958-60
35	Newnans Lake near Gainesville, Fla.	* 8.2	Stage and occasional measurement of outflow, 1945-52, 1957-60
36	New River near Lake Butler, Fla.	212	Daily stage and discharge, 1950-60

Table 7. (Continued)

Site no. (Fig. 3)	Name and location	Drainage area (sq. mi.)	Type and period of record
37	New River near Raiford, Fla.	93.3	Occasional discharge, 1957-60
38	North Fork Black Creek near Highland, Fla.	48.9	Daily stage and discharge, 1957-60
39	North Fork Black Creek near Middleburg, Fla.	174	Daily stage and discharge, 1931-60
40	Olustee Creek at Providence, Fla.	150	Daily stage and discharge, 1957-60
42	Orange Creek at Orange Springs, Fla.	431	Daily stage and discharge, 1942-52, 1955-60
43	Orange Lake at Orange Lake, Fla.	* 25.7	Stage, 1932-60; daily outflow, 1946-55
44	Ortega Creek near Jacksonville, Fla.	27.8	Occasional discharge, 1956-60
45	Pebble Lake near Keystone Heights, Fla.	* .01	Stage, 1945-50, 1952-53, 1954-60
47	Poe Springs near High Springs, Fla.	-	Occasional discharge, 1929-60
50	Sand Hill Lake near Keystone Heights, Fla.	* 1.95	Depth, stage, 1957-60
51	Santa Fe Lake near Keystone Heights, Fla.	* 8.05	Stage, 1957-60
52	Santa Fe River near Fort White, Fla.	1,080	Daily stage and discharge, 1927-29; 1932-60
53	Santa Fe River near Graham, Fla.	135	Daily stage and discharge, 1957-60
55	Santa Fe River near High Springs, Fla.	950	Daily stage and discharge, 1931-60
56	Santa Fe River at Worthington, Fla.	630	Daily stage and discharge, 1931-60
58	South Fork Black Creek near Camp Blanding, Fla.	34.8	Daily stage and discharge, 1957-60
59	South Fork Black Creek near Penney Farms, Fla.	134	Daily stage and discharge, 1939-60

Table 7. (Continued)

Site no. (Fig. 3)	Name and location	Drainage area (sq. mi.)	Type and period of record
60	Swift Creek near Lake Butler, Fla.	27	Daily stage and discharge, 1957-60
62	Wadesboro Spring near Orange Park, Fla.	-	Occasional discharge, 1946-60
63	Water Oak Creek near Starke, Fla.	20.7	Occasional discharge, 1957-60
64	Yellow Water Creek near Maxville, Fla.	25.7	Periodic discharge, crest stages, 1957-60
	*Area of lake surface		

Table 8. Surface-Water Sampling Stations and Sampling Frequency

d, daily P, 6-8 week intervals SA, semi-annual M, miscellaneous

Station no.	Name and location	Sampling frequency
1	Alligator Creek near Lawtey off State Hwys. 16 and 25, Florida	SA
2	Ates Creek near Penney Farms, Florida	SA
4	Brooklyn Lake near Keystone Heights, Florida	SA
5	Bull Creek near Middleburg, Florida	SA
6	Butler Creek near Lake Butler, Florida	SA
7	Camps Canal near Rochelle, Florida	SA
8	Clarkes Creek near Green Cove Springs, Florida	M
9	Crystal Lake near Keystone Heights, Florida	SA
10	Deep Creek near Rodman, Florida (Putnam County)	SA
14	Green's Creek near Penney Farms, Florida	SA
15	Hall Lake near Keystone Heights, Florida	SA
16	Hampton Lake at Hampton Beach, Florida	SA
18	Hatchet Creek near Graham, Florida	SA
21	Kingsley Lake at Camp Blanding, Florida	SA
22	Lake Butler at Lake Butler, Florida	SA
23	Lake Geneva at Keystone Heights, Florida	SA
24	Lake Grandin near Interlachen, Florida (Putnam County)	SA
25	Lake Johnson near Keystone Heights, Florida	SA
26	Lake Sampson at Sampson City, near Starke, Florida	SA
28	Little Santa Fe Lake near Melrose, Florida	SA
30	Lochloosa Creek at Grove Park, Florida	SA
32	Lochloosa Lake at Lochloosa, Florida	SA
34	Magnolia Lake near Keystone Heights, Florida	SA
35	Newnans Lake near Gainesville, Florida	SA
36	New River near Lake Butler, Florida	d-1 yr P-2 yr
38	North Fork Black Creek near Highland, Florida	SA-1 yr d-1 yr P-1 yr
39	North Fork Black Creek near Middleburg, Florida	P
40	Olustee Creek near Providence, Florida	P
41	Orange Lake at Heagey's Fishing Camp, Florida	SA
43	Orange Lake at Orange Lake, Florida	SA
45	Pebble Lake near Keystone Heights, Florida	SA
46	Peters Creek near Penney Farms, Florida	M
48	Rocky Creek near LaCross, Florida	SA
49	Sampson River at Graham, Florida	SA
50	Sand Hill Lake near Keystone Heights, Florida	SA
53	Santa Fe River at Graham, Florida	P
54	Santa Fe Lake near Melrose, Florida	SA
55	Santa Fe River near High Springs, Florida	P-2 yr d-1 yr
56	Santa Fe River at Worthington, Florida	d
57	Smith Lake near Keystone Heights, Florida	SA
58	South Fork Black Creek near Camp Blanding, Florida	M
59	South Fork Black Creek near Penney Farms, Florida	P-2 yr d-1 yr
61	Swift Creek near Providence, Florida	SA
63	Water Oak Creek at State Road 25 near Starke, Florida	SA
64	Yellow Water Branch near Maxville, Florida	SA