



Water-Data Report 2011

322652083033001 Local number 21T001

Floridan aquifer system
Upper Floridan Aquifer

Laurens County, GA

LOCATION.--Lat 32°27'06", long 83°03'28" referenced to North American Datum of 1927, Laurens County, GA, Hydrologic Unit 03070102.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 123 ft. Upper casing diameter 4.00 in; top of first opening 89 ft, bottom of last opening 123 ft.

DATUM.--Land-surface datum is 259 ft above National Geodetic Vertical Datum of 1929. Measuring point: mark on SW side of recorder shelf, 2.3 ft above land-surface datum, Mar. 24, 1964, to present.

PERIOD OF RECORD.--March 24, 1964 to current year.

COOPERATION.--Georgia Department of Natural Resources, Environmental Protection Division.

EXTREMES FOR CURRENT YEAR.--Highest water level, 31.18 ft below land surface datum, Mar. 15, 16; lowest water level, 41.88 ft below land surface datum, Sept. 21.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	39.13	39.08	39.10	39.83	39.78	39.80	40.05	39.95	40.01	40.22	40.15	40.19
2	39.15	39.13	39.14	39.85	39.82	39.83	40.06	40.04	40.05	40.19	40.13	40.15
3	39.18	39.14	39.15	39.84	39.76	39.80	40.05	40.01	40.03	40.21	40.19	40.20
4	39.22	39.18	39.20	39.76	39.66	39.69	40.02	39.96	39.99	40.20	40.14	40.16
5	39.24	39.22	39.23	39.81	39.70	39.74	---	---	---	---	---	---
6	39.24	39.20	39.22	39.91	39.81	39.86	---	---	---	---	---	---
7	39.23	39.20	39.22	39.92	39.88	39.90	---	---	---	40.01	39.93	39.97
8	39.26	39.22	39.23	39.88	39.81	39.84	---	---	---	40.06	39.95	39.99
9	39.27	39.25	39.26	39.82	39.80	39.81	---	---	---	40.15	40.06	40.12
10	39.29	39.26	39.27	39.88	39.82	39.84	---	---	---	40.14	40.05	40.08
11	39.32	39.29	39.29	39.94	39.88	39.91	---	---	---	---	---	---
12	39.35	39.32	39.33	39.95	39.94	39.94	40.00	39.91	39.94	---	---	---
13	39.38	39.35	39.36	39.94	39.91	39.93	40.06	39.96	40.00	---	---	---
14	39.42	39.38	39.39	39.91	39.89	39.90	40.11	40.06	40.09	---	---	---
15	39.47	39.42	39.44	39.89	39.87	39.89	40.12	40.09	40.11	---	---	---
16	39.54	39.47	39.51	39.88	39.80	39.83	40.09	40.05	40.07	---	---	---
17	39.56	39.54	39.55	39.97	39.85	39.92	40.12	40.06	40.09	---	---	---
18	39.57	39.54	39.55	40.00	39.96	39.98	40.12	40.07	40.09	---	---	---
19	39.59	39.55	39.57	40.02	39.99	40.00	40.14	40.09	40.11	---	---	---
20	39.63	39.58	39.60	40.03	40.00	40.01	40.17	40.14	40.16	---	---	---
21	39.68	39.63	39.65	40.03	40.01	40.02	40.17	40.14	40.15	39.54	39.48	39.50
22	39.78	39.68	39.72	40.03	39.99	40.01	40.15	40.10	40.12	---	---	---
23	39.81	39.78	39.79	40.00	39.96	39.98	40.20	40.15	40.18	---	---	---
24	39.81	39.78	39.80	39.99	39.98	39.98	40.20	40.17	40.19	---	---	---
25	39.79	39.66	39.73	39.99	39.96	39.98	40.17	40.08	40.13	---	---	---
26	39.71	39.68	39.69	39.97	39.94	39.95	40.14	40.08	40.10	---	---	---
27	39.76	39.71	39.74	40.04	39.97	40.01	40.22	40.14	40.19	---	---	---
28	39.77	39.75	39.76	40.08	40.04	40.07	40.24	40.21	40.22	---	---	---
29	39.80	39.77	39.78	40.09	40.04	40.07	40.21	40.19	40.20	---	---	---
30	39.81	39.77	39.79	40.04	39.97	40.00	40.21	40.19	40.20	---	---	---
31	39.78	39.76	39.77	---	---	---	40.22	40.20	40.21	---	---	---
Month	39.81	39.08	39.48	40.09	39.66	39.92	---	---	---	---	---	---

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	31.65	31.56	31.60	---	---	---	33.73	33.59	33.66
2	38.74	38.46	38.59	31.67	31.64	31.65	---	---	---	33.86	33.73	33.79
3	38.46	38.11	38.29	31.69	31.64	31.66	---	---	---	33.93	33.86	33.90
4	38.11	37.34	37.79	31.70	31.68	31.69	31.72	31.65	31.69	34.07	33.93	34.01
5	37.34	36.10	36.69	31.68	31.56	31.62	31.71	31.60	31.65	34.14	34.07	34.12
6	36.10	35.30	35.67	31.56	31.48	31.50	31.78	31.71	31.76	34.17	34.14	34.15
7	35.30	34.63	34.94	31.59	31.52	31.55	31.80	31.78	31.79	34.27	34.17	34.22
8	---	---	---	31.65	31.59	31.63	31.81	31.79	31.80	34.36	34.27	34.31
9	---	---	---	31.65	31.51	31.59	31.86	31.81	31.84	34.49	34.36	34.43
10	33.83	33.50	33.65	31.51	31.44	31.46	31.91	31.86	31.89	34.61	34.49	34.55
11	33.50	33.24	33.36	31.44	31.39	31.41	31.93	31.91	31.92	34.74	34.61	34.67
12	33.24	33.03	33.14	31.39	31.32	31.36	31.97	31.90	31.92	34.86	34.74	34.80
13	33.03	32.80	32.92	31.32	31.27	31.30	32.06	31.97	32.02	34.94	34.86	34.90
14	32.80	32.57	32.68	31.27	31.22	31.24	32.16	32.06	32.11	---	---	---
15	32.57	32.48	32.52	31.22	31.18	31.20	32.20	32.16	32.18	---	---	---
16	32.48	32.32	32.40	31.22	31.18	31.20	32.27	32.18	32.20	---	---	---
17	32.32	32.18	32.25	31.24	31.21	31.23	32.41	32.27	32.34	---	---	---
18	32.18	32.08	32.12	31.24	31.21	31.23	32.50	32.41	32.45	35.45	35.30	35.37
19	32.08	31.98	32.02	31.26	31.22	31.23	---	---	---	---	---	---
20	31.98	31.88	31.94	31.35	31.26	31.31	32.70	32.59	32.65	---	---	---
21	31.88	31.76	31.81	31.37	31.34	31.35	---	---	---	---	---	---
22	31.76	31.74	31.74	31.34	31.30	31.32	---	---	---	35.90	35.77	35.83
23	31.80	31.75	31.79	31.31	31.27	31.29	---	---	---	36.01	35.90	35.96
24	31.80	31.70	31.77	31.37	31.27	31.31	33.07	32.98	33.03	36.11	36.01	36.06
25	31.70	31.64	31.66	31.47	31.37	31.44	33.12	33.07	33.10	36.22	36.11	36.16
26	31.67	31.65	31.66	31.50	31.47	31.49	33.10	33.03	33.06	36.33	36.22	36.28
27	31.66	31.65	31.65	31.58	31.49	31.53	33.20	33.10	33.14	36.40	36.33	36.37
28	31.65	31.56	31.62	31.69	31.57	31.62	33.32	33.20	33.25	---	---	---
29	---	---	---	31.76	31.69	31.73	33.45	33.32	33.39	---	---	---
30	---	---	---	31.76	31.59	31.66	33.59	33.45	33.51	---	---	---
31	---	---	---	---	---	---	---	---	---	36.83	36.76	36.79
Month	---	---	---	---	---	---	---	---	---	---	---	---

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	36.91	36.83	36.86	38.96	38.88	38.91	40.10	40.05	40.08	---	---	---
2	36.99	36.91	36.95	38.99	38.96	38.97	40.12	40.10	40.10	---	---	---
3	37.09	36.99	37.03	39.03	38.99	39.01	40.15	40.12	40.13	---	---	---
4	37.20	37.09	37.14	39.07	39.03	39.05	40.23	40.15	40.19	---	---	---
5	---	---	---	39.11	39.07	39.09	40.28	40.23	40.26	---	---	---
6	37.37	37.26	37.31	39.16	39.11	39.14	40.32	40.28	40.31	---	---	---
7	37.50	37.37	37.43	39.18	39.16	39.17	40.34	40.32	40.33	---	---	---
8	37.60	37.50	37.55	39.22	39.18	39.20	40.37	40.34	40.35	---	---	---
9	37.69	37.60	37.65	39.29	39.22	39.25	40.39	40.35	40.37	---	---	---
10	37.78	37.69	37.73	39.35	39.29	39.32	40.43	40.39	40.41	---	---	---
11	37.87	37.78	37.82	39.38	39.34	39.36	40.49	40.43	40.46	41.57	41.53	41.55
12	37.97	37.87	37.91	39.41	39.38	39.40	40.56	40.49	40.52	41.60	41.57	41.58
13	38.06	37.97	38.01	39.44	39.41	39.42	40.60	40.56	40.58	41.63	41.60	41.61
14	38.14	38.06	38.10	39.50	39.44	39.46	40.62	40.59	40.60	41.67	41.63	41.64
15	38.25	38.14	38.19	39.54	39.50	39.52	40.69	40.62	40.64	41.72	41.67	41.68
16	38.31	38.21	38.26	39.57	39.53	39.55	40.76	40.69	40.72	41.83	41.72	41.77
17	38.36	38.29	38.33	39.61	39.57	39.59	40.81	40.76	40.78	41.86	41.83	41.84
18	38.36	38.32	38.34	39.61	39.60	39.61	40.83	40.81	40.82	41.87	41.86	41.86
19	38.37	38.35	38.36	39.61	39.60	39.61	40.86	40.83	40.84	41.87	41.83	41.85
20	38.41	38.37	38.38	39.67	39.61	39.64	40.93	40.86	40.89	41.86	41.84	41.85
21	38.44	38.41	38.43	39.73	39.67	39.70	40.97	40.93	40.95	41.88	41.64	41.82
22	38.50	38.44	38.47	39.81	39.73	39.77	40.98	40.95	40.97	41.70	41.66	41.68
23	38.53	38.50	38.51	39.87	39.81	39.85	41.04	40.98	41.01	41.66	41.59	41.62
24	38.58	38.53	38.54	39.90	39.87	39.89	41.07	41.04	41.05	41.59	41.55	41.57
25	38.66	38.58	38.62	39.92	39.89	39.90	41.09	41.06	41.08	41.56	41.52	41.54
26	38.75	38.66	38.70	39.93	39.88	39.91	41.09	41.05	41.07	41.53	41.50	41.51
27	38.78	38.71	38.76	39.98	39.92	39.95	---	---	---	41.51	41.48	41.49
28	38.80	38.77	38.78	40.01	39.97	39.99	---	---	---	41.49	41.46	41.48
29	38.83	38.79	38.81	40.03	40.00	40.01	---	---	---	41.48	41.46	41.47
30	38.88	38.83	38.85	40.04	40.02	40.03	---	---	---	41.47	41.44	41.46
31	---	---	---	40.08	40.04	40.05	---	---	---	---	---	---
Month	---	---	---	40.08	38.88	39.53	---	---	---	---	---	---

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