

Water-Data Report 2011

02290829502 Local number MO -199. USGS Observation Well near Florida City, FL

Biscayne aquifer
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°28'04.72", long 80°51'16.30" referenced to North American Datum of 1983, Miami-Dade County, FL, Hydrologic Unit 03090202, approximately 21 mi north of Flamingo in Shark Slough of Everglades National Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 10.1 ft. Upper casing diameter 2 in.; top of first opening not recorded, bottom of last opening not recorded.

DATUM.--Land-surface datum is undefined. Measuring point: Top of casing, 3.65 ft above North American Vertical Datum of 1988, Oct. 2003 to current year.

PERIOD OF RECORD.--Water levels, salinity, specific conductance, water temperature, October 2003 to September 2011 (daily), October 2011 to current year.

REVISED RECORDS.--WDR-US-2010, site 02290829502; 2009 WY revised dates for minimum recorded specific conductance.

GAGE.--Satellite data collection platform with pressure transducer, specific conductivity, and water temperature probe until October 1, 2011, when equipment removed, October 1, 2011, discrete water level and water quality sampling implemented.

REMARKS.--Records good. During periods of missing record, values may be higher or lower than the listed extremes. Salinity is computed from corrected specific conductance data using a rating in the NWIS database. Water level, specific conductance and water temperature records are available in the files of the U.S. Geological Survey. Water level, specific conductance, salinity and water temperature 15 minute data can also be accessed online at <http://sofia.usgs.gov/>. Daily values are available online at <http://waterdata.usgs.gov/nwis>.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest daily maximum water level, 1.83 ft NAVD, Sept. 22, 2005; lowest, 1.15 ft below NAVD, Apr. 28, 2009.

SALINITY: Maximum recorded, 0.8 ppt, May 16, 18-20, 2008; lowest, 0.5 ppt, multiple days in 2004, 2007, 2009, 2010, and 2011.

SPECIFIC CONDUCTANCE: Maximum recorded, 1,710 µS/cm @25°C, May 18, 2008; lowest, 1,050 µS/cm @25°C, Jan. 30 to Apr. 1, 2011.

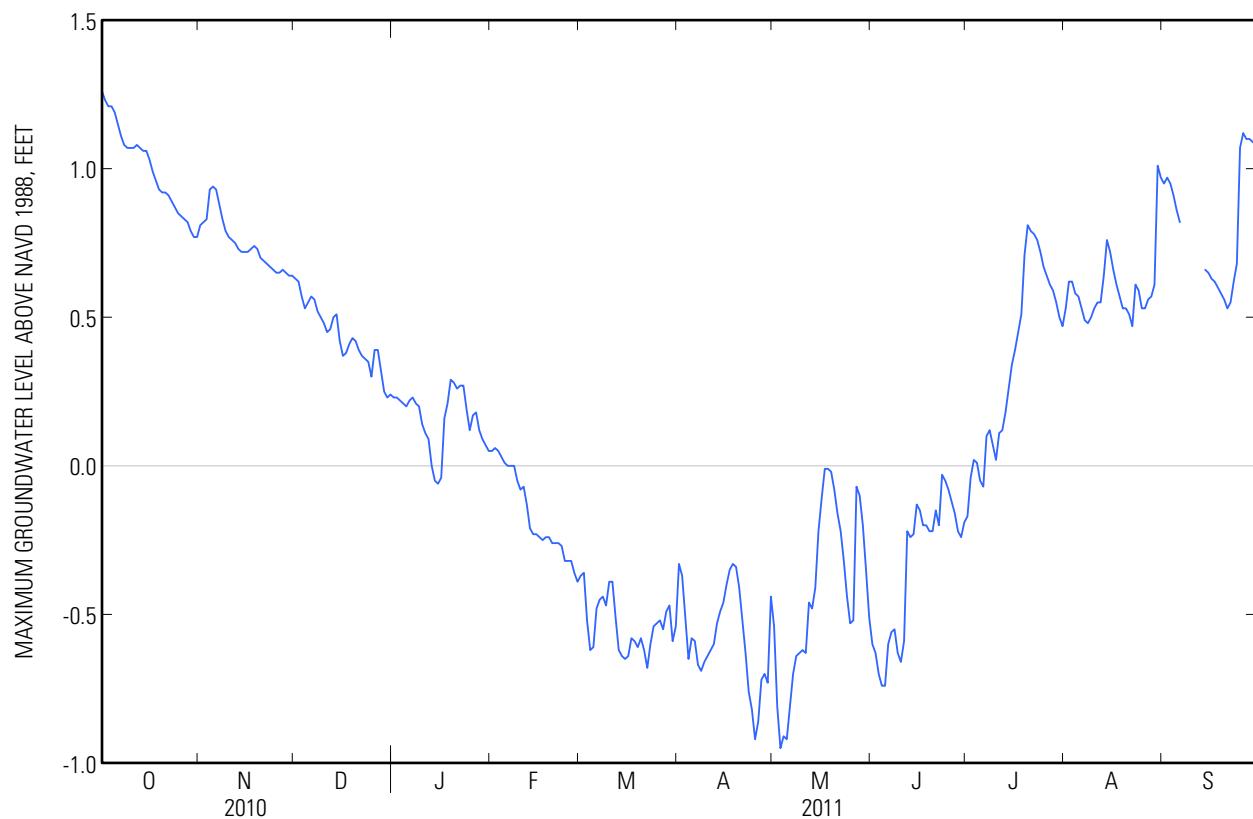
WATER TEMPERATURE: Maximum recorded, 27.3°C, Oct. 26-31, 2003 and Nov. 1, 2003; lowest, 22.7°C, Mar. 6, 2010.

02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued

GROUNDWATER LEVEL ABOVE NAVD 1988, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.26	0.81	0.63	0.23	0.05	-0.37	-0.33	-0.54	-0.60	-0.17	0.53	0.95
2	1.23	0.82	0.62	0.23	0.06	-0.36	-0.37	-0.81	-0.63	-0.04	0.62	0.97
3	1.21	0.83	0.57	0.22	0.05	-0.52	-0.51	-0.95	-0.70	0.02	0.62	0.95
4	1.21	0.93	0.53	0.21	0.03	-0.62	-0.65	-0.91	-0.74	0.01	0.58	0.91
5	1.19	0.94	0.55	0.20	0.01	-0.61	-0.58	-0.92	-0.74	-0.05	0.57	0.86
6	1.15	0.93	0.57	0.22	0.00	-0.48	-0.59	-0.81	-0.60	-0.07	0.53	0.82
7	1.11	0.88	0.56	0.23	0.00	-0.45	-0.67	-0.70	-0.56	0.10	0.49	---
8	1.08	0.83	0.52	0.21	0.00	-0.44	-0.69	-0.64	-0.55	0.12	0.48	---
9	1.07	0.79	0.50	0.20	-0.05	-0.47	-0.66	-0.63	-0.63	0.07	0.50	---
10	1.07	0.77	0.48	0.14	-0.08	-0.39	-0.64	-0.62	-0.66	0.02	0.53	---
11	1.07	0.76	0.45	0.11	-0.07	-0.39	-0.62	-0.63	-0.59	0.11	0.55	---
12	1.08	0.75	0.46	0.09	-0.13	-0.51	-0.60	-0.46	-0.22	0.12	0.55	---
13	1.07	0.73	0.50	0.00	-0.21	-0.62	-0.53	-0.48	-0.24	0.18	0.64	---
14	1.06	0.72	0.51	-0.05	-0.23	-0.64	-0.49	-0.41	-0.23	0.26	0.76	0.66
15	1.06	0.72	0.42	-0.06	-0.23	-0.65	-0.46	-0.22	-0.13	0.34	0.72	0.65
16	1.03	0.72	0.37	-0.04	-0.24	-0.64	-0.40	-0.11	-0.15	0.39	0.66	0.63
17	0.99	0.73	0.38	0.16	-0.25	-0.58	-0.35	-0.01	-0.20	0.45	0.61	0.62
18	0.96	0.74	0.41	0.21	-0.24	-0.59	-0.33	-0.01	-0.20	0.51	0.57	0.60
19	0.93	0.73	0.43	0.29	-0.24	-0.61	-0.34	-0.02	-0.22	0.71	0.53	0.58
20	0.92	0.70	0.42	0.28	-0.26	-0.58	-0.41	-0.08	-0.22	0.81	0.53	0.56
21	0.92	0.69	0.39	0.26	-0.26	-0.62	-0.52	-0.16	-0.15	0.79	0.51	0.53
22	0.91	0.68	0.37	0.27	-0.26	-0.68	-0.63	-0.22	-0.20	0.78	0.47	0.55
23	0.89	0.67	0.36	0.27	-0.27	-0.60	-0.76	-0.32	-0.03	0.76	0.61	0.62
24	0.87	0.66	0.35	0.19	-0.32	-0.54	-0.82	-0.44	-0.05	0.72	0.59	0.68
25	0.85	0.65	0.30	0.12	-0.32	-0.53	-0.92	-0.53	-0.08	0.67	0.53	1.07
26	0.84	0.65	0.39	0.17	-0.32	-0.52	-0.86	-0.52	-0.12	0.64	0.53	1.12
27	0.83	0.66	0.39	0.18	-0.36	-0.55	-0.72	-0.07	-0.16	0.61	0.56	1.10
28	0.82	0.65	0.32	0.12	-0.39	-0.49	-0.70	-0.10	-0.22	0.59	0.57	1.10
29	0.79	0.64	0.25	0.09	---	-0.47	-0.73	-0.20	-0.24	0.55	0.61	1.09
30	0.77	0.64	0.23	0.07	---	-0.59	-0.44	-0.35	-0.19	0.50	1.01	1.08
31	0.77	---	0.24	0.05	---	-0.54	---	-0.51	---	0.47	0.97	---
Total	31.01	22.42	13.47	4.87	-4.53	-16.65	-17.32	-13.38	-10.25	10.97	18.53	---
Mean	1.00	0.75	0.43	0.16	-0.16	-0.54	-0.58	-0.43	-0.34	0.35	0.60	---
Max	1.26	0.94	0.63	0.29	0.06	-0.36	-0.33	-0.01	-0.03	0.81	1.01	---
Min	0.77	0.64	0.23	-0.06	-0.39	-0.68	-0.92	-0.95	-0.74	-0.17	0.47	---

02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued

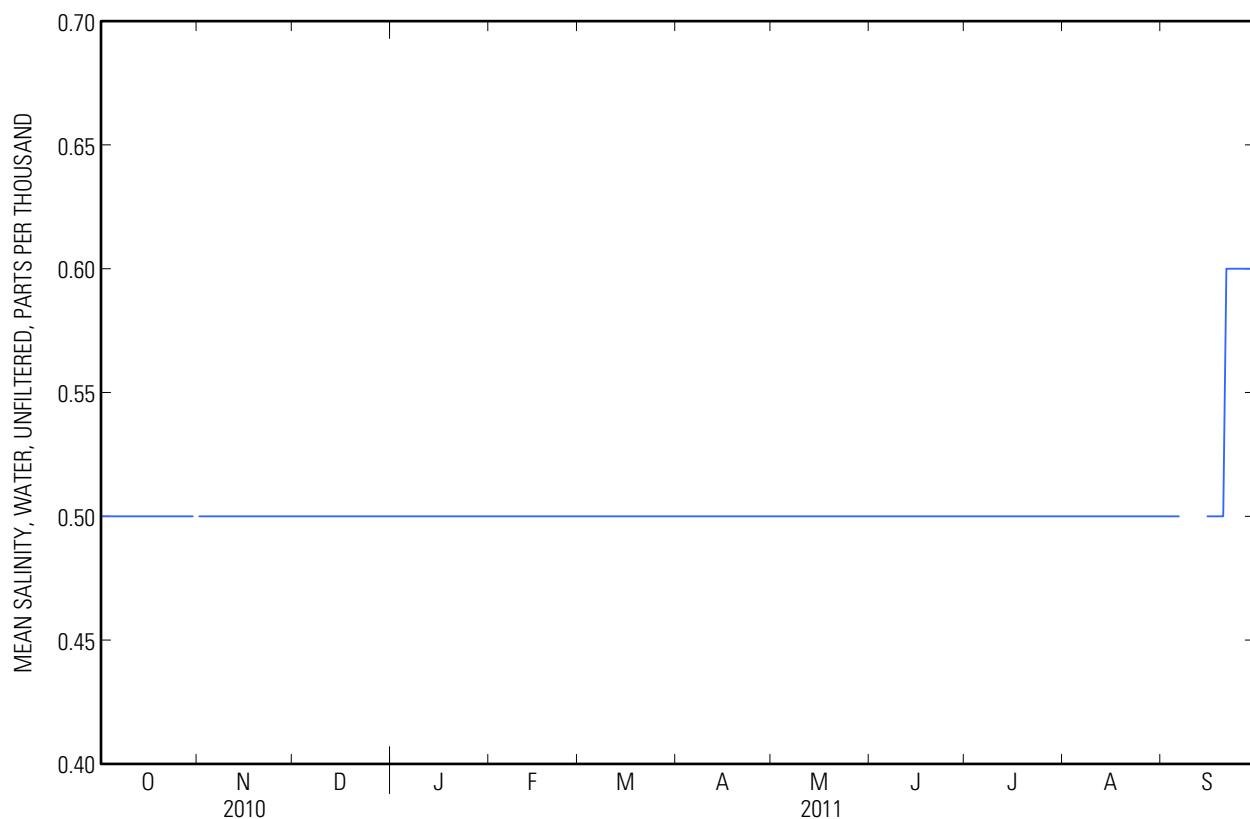


WATER-QUALITY RECORDS

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
13	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
16	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
17	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
19	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
21	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
22	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
23	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
28	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
29	0.5	0.5	0.5	0.5	---	0.5	0.5	0.5	0.5	0.5	0.5	0.6
30	0.5	0.5	0.5	0.5	---	0.5	0.5	0.5	0.5	0.5	0.5	0.6
31	---	---	0.5	0.5	---	0.5	---	0.5	---	0.5	0.5	---
Mean	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
Max	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---
Min	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---

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SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

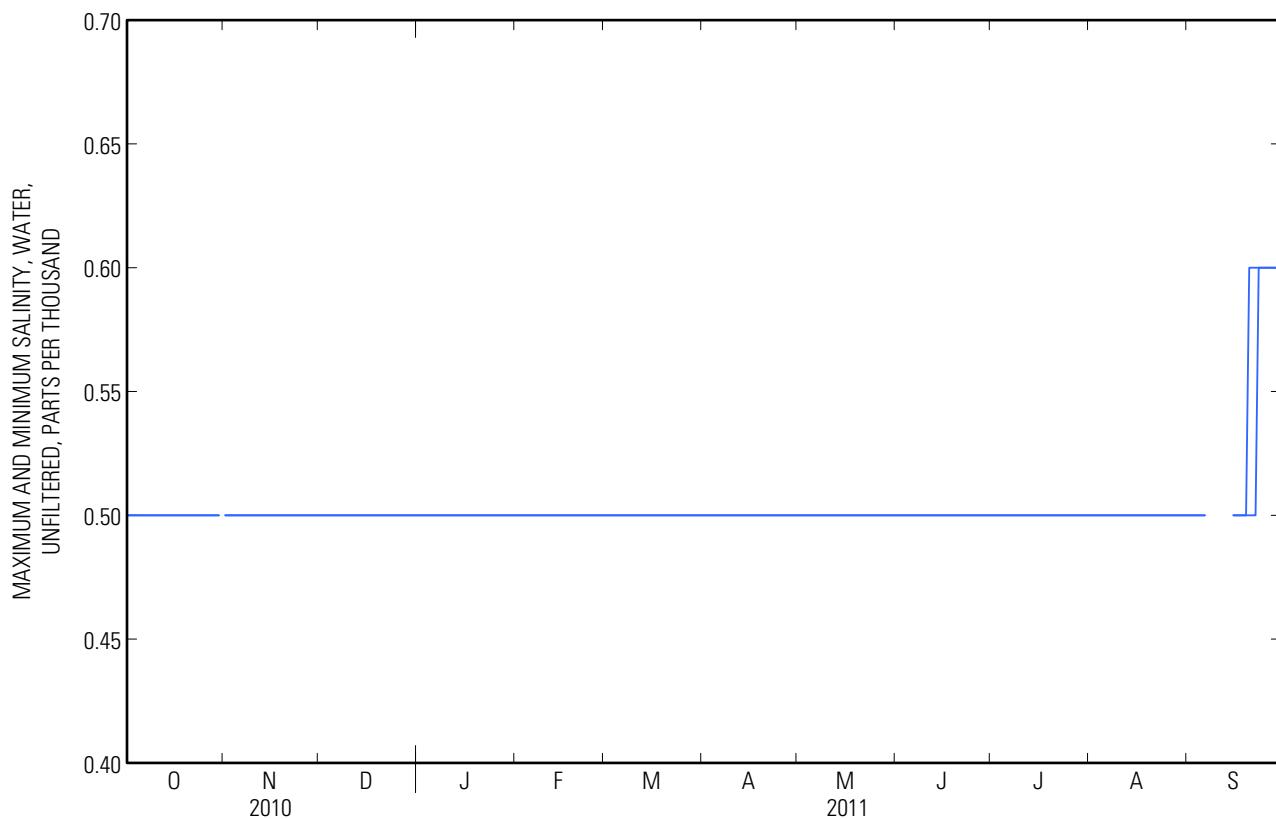
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
13	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
16	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
17	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
19	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
21	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
22	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
28	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
29	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---	0.5	0.5
30	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---	0.5	0.5
31	---	---	---	---	0.5	0.5	0.5	0.5	---	---	0.5	0.5
Month	---	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

02290829502 Local number MO -199. USGS Observation Well near Florida City, FL—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---
8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---
9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---
10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---
11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---
13	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---
14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
16	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
17	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
19	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5
21	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5
22	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5
23	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
28	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
29	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
30	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
31	---	---	0.5	0.5	---	---	0.5	0.5	0.5	0.5	---	---
Month	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	---	---

02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued



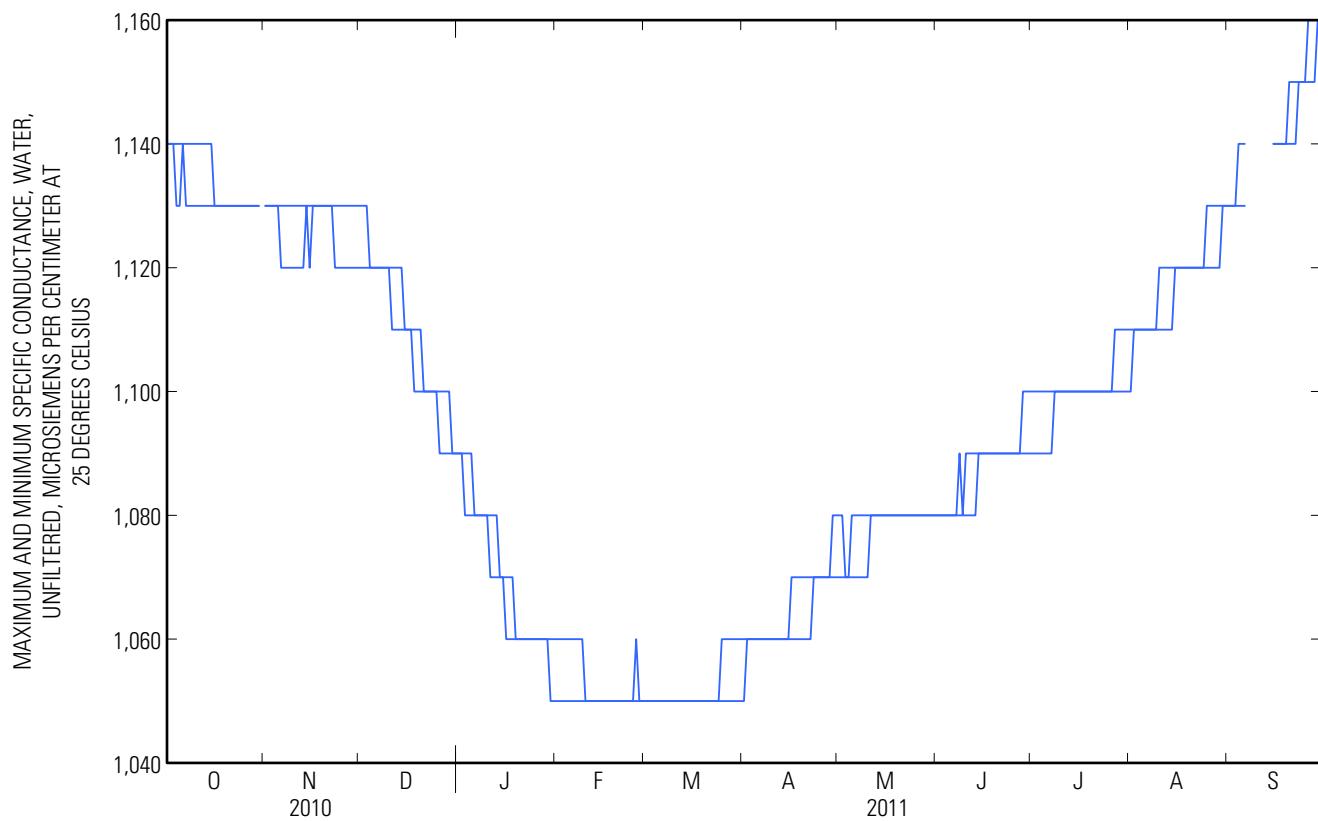
02290829502 Local number MO -199. USGS Observation Well near Florida City, FL—Continued
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	1,140	1,140	1,130	1,130	1,130	1,120	1,090	1,090	1,060	1,050	1,050	1,050
2	1,140	1,140	1,130	1,130	1,130	1,120	1,090	1,090	1,060	1,050	1,050	1,050
3	1,140	1,140	1,130	1,130	1,130	1,120	1,090	1,080	1,060	1,050	1,050	1,050
4	1,140	1,130	1,130	1,130	1,120	1,120	1,090	1,080	1,060	1,050	1,050	1,050
5	1,140	1,130	1,130	1,130	1,120	1,120	1,090	1,080	1,060	1,050	1,050	1,050
6	1,140	1,140	1,130	1,120	1,120	1,120	1,080	1,080	1,060	1,050	1,050	1,050
7	1,140	1,130	1,130	1,120	1,120	1,120	1,080	1,080	1,060	1,050	1,050	1,050
8	1,140	1,130	1,130	1,120	1,120	1,120	1,080	1,080	1,060	1,050	1,050	1,050
9	1,140	1,130	1,130	1,120	1,120	1,120	1,080	1,080	1,060	1,050	1,050	1,050
10	1,140	1,130	1,130	1,120	1,120	1,120	1,080	1,080	1,050	1,050	1,050	1,050
11	1,140	1,130	1,130	1,120	1,120	1,110	1,080	1,070	1,050	1,050	1,050	1,050
12	1,140	1,130	1,130	1,120	1,120	1,110	1,080	1,070	1,050	1,050	1,050	1,050
13	1,140	1,130	1,130	1,120	1,120	1,110	1,080	1,070	1,050	1,050	1,050	1,050
14	1,140	1,130	1,130	1,130	1,120	1,110	1,070	1,070	1,050	1,050	1,050	1,050
15	1,140	1,130	1,130	1,120	1,110	1,110	1,070	1,070	1,050	1,050	1,050	1,050
16	1,130	1,130	1,130	1,130	1,110	1,110	1,070	1,060	1,050	1,050	1,050	1,050
17	1,130	1,130	1,130	1,130	1,110	1,110	1,070	1,060	1,050	1,050	1,050	1,050
18	1,130	1,130	1,130	1,130	1,110	1,100	1,070	1,060	1,050	1,050	1,050	1,050
19	1,130	1,130	1,130	1,130	1,110	1,100	1,060	1,060	1,050	1,050	1,050	1,050
20	1,130	1,130	1,130	1,130	1,110	1,100	1,060	1,060	1,050	1,050	1,050	1,050
21	1,130	1,130	1,130	1,130	1,100	1,100	1,060	1,060	1,050	1,050	1,050	1,050
22	1,130	1,130	1,130	1,130	1,100	1,100	1,060	1,060	1,050	1,050	1,050	1,050
23	1,130	1,130	1,130	1,120	1,100	1,100	1,060	1,060	1,050	1,050	1,050	1,050
24	1,130	1,130	1,130	1,120	1,100	1,100	1,060	1,060	1,050	1,050	1,050	1,050
25	1,130	1,130	1,130	1,120	1,100	1,100	1,060	1,060	1,050	1,050	1,060	1,050
26	1,130	1,130	1,130	1,120	1,100	1,090	1,060	1,060	1,060	1,050	1,060	1,050
27	1,130	1,130	1,130	1,120	1,100	1,090	1,060	1,060	1,050	1,050	1,060	1,050
28	1,130	1,130	1,130	1,120	1,100	1,090	1,060	1,060	1,050	1,050	1,060	1,050
29	1,130	1,130	1,130	1,120	1,100	1,090	1,060	1,060	---	---	1,060	1,050
30	1,130	1,130	1,130	1,120	1,090	1,090	1,060	1,050	---	---	1,060	1,050
31	---	---	---	---	1,090	1,090	1,060	1,050	---	---	1,060	1,050
Month	---	---	1,130	1,120	1,130	1,090	1,090	1,050	1,060	1,050	1,060	1,050

02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	1,060	1,050	1,080	1,070	1,080	1,080	1,100	1,090	1,110	1,100	1,130	1,130
2	1,060	1,060	1,080	1,070	1,080	1,080	1,100	1,090	1,110	1,110	1,130	1,130
3	1,060	1,060	1,070	1,070	1,080	1,080	1,100	1,090	1,110	1,110	1,130	1,130
4	1,060	1,060	1,070	1,070	1,080	1,080	1,100	1,090	1,110	1,110	1,140	1,130
5	1,060	1,060	1,080	1,070	1,080	1,080	1,100	1,090	1,110	1,110	1,140	1,130
6	1,060	1,060	1,080	1,070	1,080	1,080	1,100	1,090	1,110	1,110	1,140	1,130
7	1,060	1,060	1,080	1,070	1,080	1,080	1,100	1,090	1,110	1,110	---	---
8	1,060	1,060	1,080	1,070	1,090	1,080	1,100	1,100	1,110	1,110	---	---
9	1,060	1,060	1,080	1,070	1,080	1,080	1,100	1,100	1,110	1,110	---	---
10	1,060	1,060	1,080	1,070	1,090	1,080	1,100	1,100	1,120	1,110	---	---
11	1,060	1,060	1,080	1,080	1,090	1,080	1,100	1,100	1,120	1,110	---	---
12	1,060	1,060	1,080	1,080	1,090	1,080	1,100	1,100	1,120	1,110	---	---
13	1,060	1,060	1,080	1,080	1,090	1,080	1,100	1,100	1,120	1,110	---	---
14	1,060	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,110	---	---
15	1,060	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,140	1,140
16	1,070	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,140	1,140
17	1,070	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,140	1,140
18	1,070	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,140	1,140
19	1,070	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,140	1,140
20	1,070	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,150	1,140
21	1,070	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,150	1,140
22	1,070	1,060	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,150	1,140
23	1,070	1,070	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,150	1,150
24	1,070	1,070	1,080	1,080	1,090	1,090	1,100	1,100	1,120	1,120	1,150	1,150
25	1,070	1,070	1,080	1,080	1,090	1,090	1,100	1,100	1,130	1,120	1,150	1,150
26	1,070	1,070	1,080	1,080	1,090	1,090	1,100	1,100	1,130	1,120	1,160	1,150
27	1,070	1,070	1,080	1,080	1,090	1,090	1,110	1,100	1,130	1,120	1,160	1,150
28	1,070	1,070	1,080	1,080	1,100	1,090	1,110	1,100	1,130	1,120	1,160	1,150
29	1,080	1,070	1,080	1,080	1,100	1,090	1,110	1,100	1,130	1,120	1,160	1,160
30	1,080	1,070	1,080	1,080	1,100	1,090	1,110	1,100	1,130	1,130	1,160	1,160
31	---	---	1,080	1,080	---	---	1,110	1,100	1,130	1,130	---	---
Month	1,080	1,050	1,080	1,070	1,100	1,080	1,110	1,090	1,130	1,100	---	---

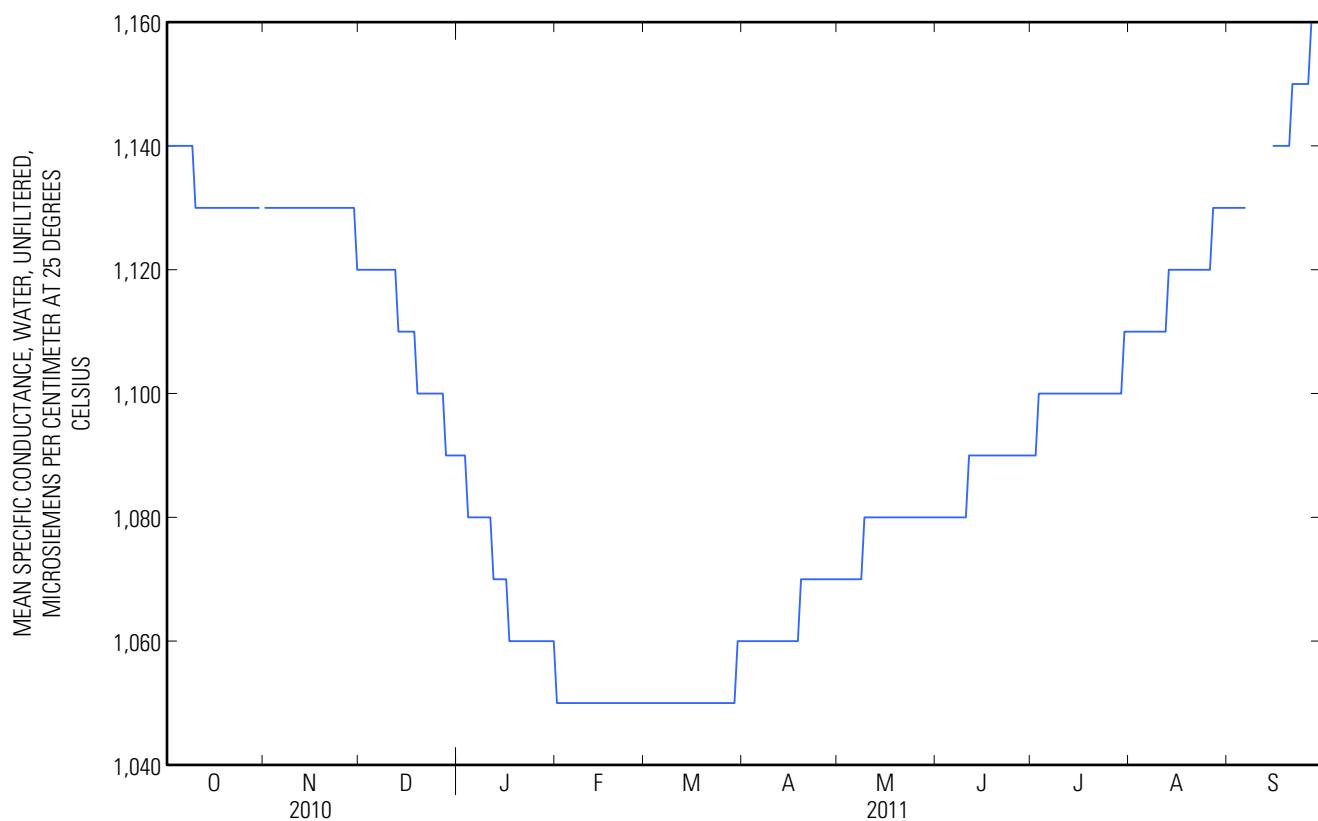
02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued

02290829502 Local number MO -199. USGS Observation Well near Florida City, FL—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,140	1,130	1,120	1,090	1,050	1,050	1,060	1,070	1,080	1,090	1,110	1,130
2	1,140	1,130	1,120	1,090	1,050	1,050	1,060	1,070	1,080	1,090	1,110	1,130
3	1,140	1,130	1,120	1,090	1,050	1,050	1,060	1,070	1,080	1,100	1,110	1,130
4	1,140	1,130	1,120	1,080	1,050	1,050	1,060	1,070	1,080	1,100	1,110	1,130
5	1,140	1,130	1,120	1,080	1,050	1,050	1,060	1,070	1,080	1,100	1,110	1,130
6	1,140	1,130	1,120	1,080	1,050	1,050	1,060	1,070	1,080	1,100	1,110	1,130
7	1,140	1,130	1,120	1,080	1,050	1,050	1,060	1,070	1,080	1,100	1,110	---
8	1,140	1,130	1,120	1,080	1,050	1,050	1,060	1,070	1,080	1,100	1,110	---
9	1,140	1,130	1,120	1,080	1,050	1,050	1,060	1,080	1,080	1,100	1,110	---
10	1,130	1,130	1,120	1,080	1,050	1,050	1,060	1,080	1,080	1,100	1,110	---
11	1,130	1,130	1,120	1,080	1,050	1,050	1,060	1,080	1,090	1,100	1,110	---
12	1,130	1,130	1,120	1,070	1,050	1,050	1,060	1,080	1,090	1,100	1,110	---
13	1,130	1,130	1,110	1,070	1,050	1,050	1,060	1,080	1,090	1,100	1,120	---
14	1,130	1,130	1,110	1,070	1,050	1,050	1,060	1,080	1,090	1,100	1,120	---
15	1,130	1,130	1,110	1,070	1,050	1,050	1,060	1,080	1,090	1,100	1,120	1,140
16	1,130	1,130	1,110	1,070	1,050	1,050	1,060	1,080	1,090	1,100	1,120	1,140
17	1,130	1,130	1,110	1,060	1,050	1,050	1,060	1,080	1,090	1,100	1,120	1,140
18	1,130	1,130	1,110	1,060	1,050	1,050	1,060	1,080	1,090	1,100	1,120	1,140
19	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,120	1,140
20	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,120	1,140
21	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,120	1,150
22	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,120	1,150
23	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,120	1,150
24	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,120	1,150
25	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,120	1,150
26	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,120	1,150
27	1,130	1,130	1,100	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,130	1,160
28	1,130	1,130	1,090	1,060	1,050	1,050	1,070	1,080	1,090	1,100	1,130	1,160
29	1,130	1,130	1,090	1,060	---	1,050	1,070	1,080	1,090	1,100	1,130	1,160
30	1,130	1,120	1,090	1,060	---	1,060	1,070	1,080	1,090	1,110	1,130	1,160
31	---	---	1,090	1,060	---	1,060	---	1,080	---	1,110	1,130	---
Total	---	33,890	34,360	33,160	29,400	32,570	31,920	33,400	32,600	34,100	34,650	---
Mean	---	1,130	1,110	1,070	1,050	1,050	1,060	1,080	1,090	1,100	1,120	---
Max	---	1,130	1,120	1,090	1,050	1,060	1,070	1,080	1,090	1,110	1,130	---
Min	---	1,120	1,090	1,060	1,050	1,050	1,060	1,070	1,080	1,090	1,110	---

02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued



02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued
**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

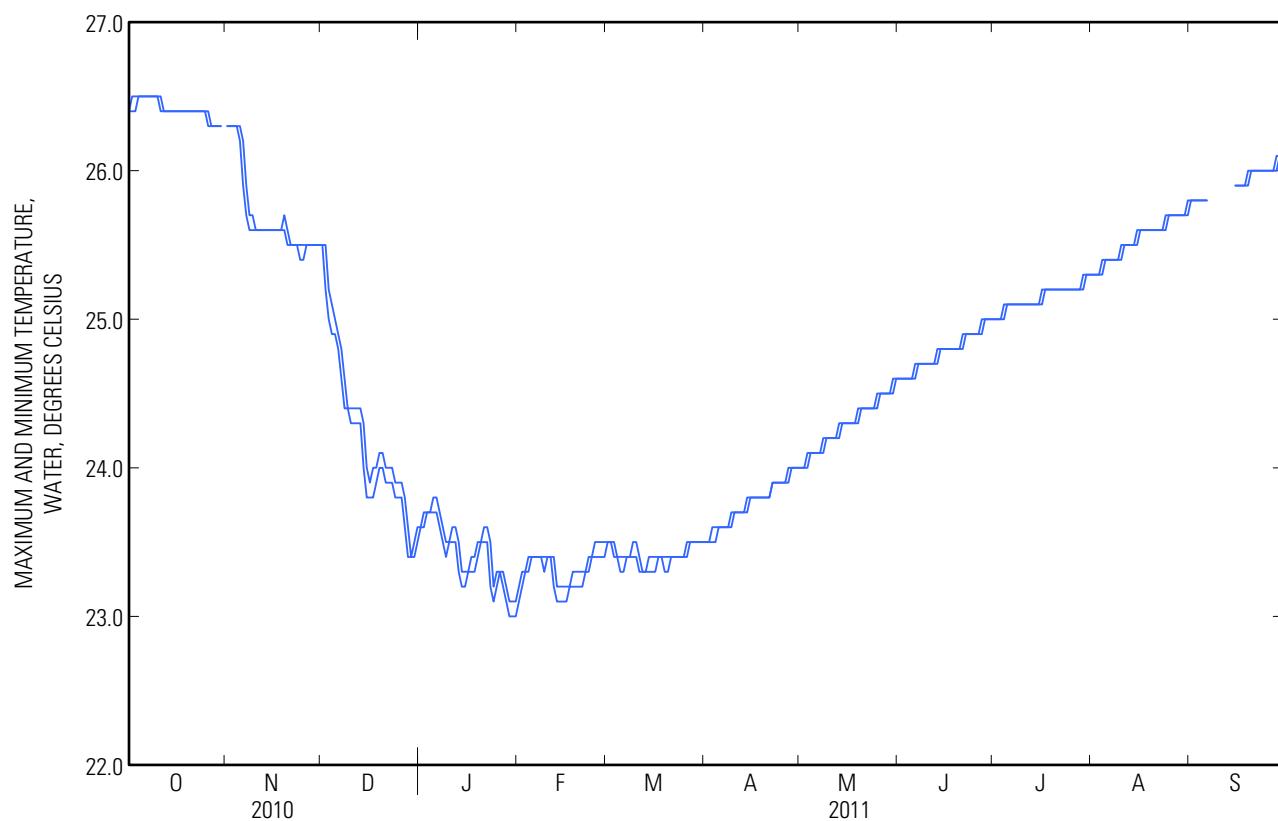
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	26.4	26.4	26.3	26.3	25.5	25.5	23.6	23.6	23.2	23.1	23.5	23.5
2	26.5	26.4	26.3	26.3	25.5	25.2	23.7	23.6	23.3	23.2	23.5	23.5
3	26.5	26.4	26.3	26.3	25.2	25.0	23.7	23.7	23.3	23.3	23.5	23.4
4	26.5	26.5	26.3	26.3	25.1	24.9	23.7	23.7	23.4	23.3	23.4	23.4
5	26.5	26.5	26.3	26.2	25.0	24.9	23.8	23.7	23.4	23.4	23.4	23.3
6	26.5	26.5	26.2	25.9	24.9	24.8	23.8	23.7	23.4	23.4	23.4	23.3
7	26.5	26.5	25.9	25.7	24.8	24.6	23.7	23.6	23.4	23.4	23.4	23.4
8	26.5	26.5	25.7	25.6	24.6	24.4	23.6	23.5	23.4	23.4	23.4	23.4
9	26.5	26.5	25.7	25.6	24.4	24.4	23.5	23.4	23.4	23.3	23.5	23.4
10	26.5	26.5	25.6	25.6	24.4	24.3	23.5	23.5	23.4	23.4	23.5	23.4
11	26.5	26.4	25.6	25.6	24.4	24.3	23.6	23.5	23.4	23.4	23.4	23.3
12	26.4	26.4	25.6	25.6	24.4	24.3	23.6	23.5	23.4	23.2	23.3	23.3
13	26.4	26.4	25.6	25.6	24.4	24.3	23.5	23.3	23.2	23.1	23.3	23.3
14	26.4	26.4	25.6	25.6	24.3	24.0	23.3	23.2	23.2	23.1	23.4	23.3
15	26.4	26.4	25.6	25.6	24.0	23.8	23.3	23.2	23.2	23.1	23.4	23.3
16	26.4	26.4	25.6	25.6	23.9	23.8	23.3	23.3	23.2	23.1	23.4	23.3
17	26.4	26.4	25.6	25.6	24.0	23.8	23.4	23.3	23.2	23.2	23.4	23.4
18	26.4	26.4	25.6	25.6	24.0	23.9	23.4	23.3	23.3	23.2	23.4	23.4
19	26.4	26.4	25.7	25.6	24.1	24.0	23.5	23.4	23.3	23.2	23.4	23.3
20	26.4	26.4	25.6	25.5	24.1	24.0	23.5	23.5	23.3	23.2	23.4	23.3
21	26.4	26.4	25.5	25.5	24.0	23.9	23.6	23.5	23.3	23.2	23.4	23.4
22	26.4	26.4	25.5	25.5	24.0	23.9	23.6	23.5	23.3	23.3	23.4	23.4
23	26.4	26.4	25.5	25.5	24.0	23.9	23.5	23.2	23.4	23.3	23.4	23.4
24	26.4	26.4	25.5	25.4	23.9	23.8	23.2	23.1	23.4	23.4	23.4	23.4
25	26.4	26.4	25.5	25.4	23.9	23.8	23.3	23.2	23.5	23.4	23.4	23.4
26	26.4	26.3	25.5	25.5	23.9	23.8	23.3	23.3	23.5	23.4	23.5	23.4
27	26.3	26.3	25.5	25.5	23.8	23.6	23.3	23.2	23.5	23.4	23.5	23.5
28	26.3	26.3	25.5	25.5	23.6	23.4	23.2	23.1	23.5	23.4	23.5	23.5
29	26.3	26.3	25.5	25.5	23.4	23.4	23.1	23.0	---	---	23.5	23.5
30	26.3	26.3	25.5	25.5	23.5	23.4	23.1	23.0	---	---	23.5	23.5
31	---	---	---	---	23.6	23.5	23.1	23.0	---	---	23.5	23.5
Month	---	---	26.3	25.4	25.5	23.4	23.8	23.0	23.5	23.1	23.5	23.3

02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	23.5	23.5	24.0	24.0	24.6	24.6	25.0	25.0	25.3	25.3	25.8	25.8
2	23.5	23.5	24.0	24.0	24.6	24.6	25.0	25.0	25.3	25.3	25.8	25.8
3	23.6	23.5	24.1	24.0	24.6	24.6	25.0	25.0	25.3	25.3	25.8	25.8
4	23.6	23.5	24.1	24.1	24.6	24.6	25.1	25.0	25.4	25.3	25.8	25.8
5	23.6	23.6	24.1	24.1	24.6	24.6	25.1	25.1	25.4	25.4	25.8	25.8
6	23.6	23.6	24.1	24.1	24.7	24.6	25.1	25.1	25.4	25.4	25.8	25.8
7	23.6	23.6	24.1	24.1	24.7	24.7	25.1	25.1	25.4	25.4	---	---
8	23.6	23.6	24.2	24.1	24.7	24.7	25.1	25.1	25.4	25.4	---	---
9	23.7	23.6	24.2	24.2	24.7	24.7	25.1	25.1	25.4	25.4	---	---
10	23.7	23.7	24.2	24.2	24.7	24.7	25.1	25.1	25.5	25.4	---	---
11	23.7	23.7	24.2	24.2	24.7	24.7	25.1	25.1	25.5	25.5	---	---
12	23.7	23.7	24.2	24.2	24.7	24.7	25.1	25.1	25.5	25.5	---	---
13	23.7	23.7	24.3	24.2	24.8	24.7	25.1	25.1	25.5	25.5	---	---
14	23.8	23.7	24.3	24.3	24.8	24.8	25.1	25.1	25.5	25.5	---	---
15	23.8	23.8	24.3	24.3	24.8	24.8	25.1	25.1	25.6	25.5	25.9	25.9
16	23.8	23.8	24.3	24.3	24.8	24.8	25.2	25.1	25.6	25.6	25.9	25.9
17	23.8	23.8	24.3	24.3	24.8	24.8	25.2	25.2	25.6	25.6	25.9	25.9
18	23.8	23.8	24.3	24.3	24.8	24.8	25.2	25.2	25.6	25.6	25.9	25.9
19	23.8	23.8	24.4	24.3	24.8	24.8	25.2	25.2	25.6	25.6	26.0	25.9
20	23.8	23.8	24.4	24.4	24.8	24.8	25.2	25.2	25.6	25.6	26.0	26.0
21	23.8	23.8	24.4	24.4	24.9	24.8	25.2	25.2	25.6	25.6	26.0	26.0
22	23.9	23.9	24.4	24.4	24.9	24.9	25.2	25.2	25.6	25.6	26.0	26.0
23	23.9	23.9	24.4	24.4	24.9	24.9	25.2	25.2	25.6	25.6	26.0	26.0
24	23.9	23.9	24.4	24.4	24.9	24.9	25.2	25.2	25.7	25.6	26.0	26.0
25	23.9	23.9	24.5	24.4	24.9	24.9	25.2	25.2	25.7	25.7	26.0	26.0
26	23.9	23.9	24.5	24.5	24.9	24.9	25.2	25.2	25.7	25.7	26.0	26.0
27	24.0	23.9	24.5	24.5	25.0	24.9	25.2	25.2	25.7	25.7	26.0	26.0
28	24.0	24.0	24.5	24.5	25.0	25.0	25.2	25.2	25.7	25.7	26.1	26.0
29	24.0	24.0	24.5	24.5	25.0	25.0	25.3	25.2	25.7	25.7	26.1	26.1
30	24.0	24.0	24.6	24.5	25.0	25.0	25.3	25.3	25.7	25.7	26.1	26.1
31	---	---	24.6	24.6	---	---	25.3	25.3	25.8	25.7	---	---
Month	24.0	23.5	24.6	24.0	25.0	24.6	25.3	25.0	25.8	25.3	---	---

02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued



02290829502 Local number M0 -199. USGS Observation Well near Florida City, FL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	26.4	26.3	25.5	23.6	23.2	23.5	23.5	24.0	24.6	25.0	25.3	25.8
2	26.4	26.3	25.3	23.6	23.2	23.5	23.5	24.0	24.6	25.0	25.3	25.8
3	26.5	26.3	25.1	23.7	23.3	23.4	23.5	24.1	24.6	25.0	25.3	25.8
4	26.5	26.3	25.0	23.7	23.4	23.4	23.6	24.1	24.6	25.1	25.4	25.8
5	---	26.3	24.9	23.8	23.4	23.4	23.6	24.1	24.6	25.1	25.4	25.8
6	26.5	26.1	24.9	23.7	23.4	23.4	23.6	24.1	24.6	25.1	25.4	25.8
7	26.5	25.8	24.7	23.7	23.4	23.4	23.6	24.1	24.7	25.1	25.4	---
8	26.5	25.7	24.5	23.5	23.4	23.4	23.6	24.2	24.7	25.1	25.4	---
9	26.5	25.6	24.4	23.5	23.3	23.4	23.6	24.2	24.7	25.1	25.4	---
10	26.5	25.6	24.3	23.5	23.4	23.4	23.7	24.2	24.7	25.1	25.5	---
11	26.5	25.6	24.3	23.5	23.4	23.3	23.7	24.2	24.7	25.1	25.5	---
12	26.4	25.6	24.4	23.6	23.3	23.3	23.7	24.2	24.7	25.1	25.5	---
13	26.4	25.6	24.4	23.4	23.1	23.3	23.7	24.2	24.7	25.1	25.5	---
14	26.4	25.6	24.1	23.3	23.1	23.3	23.7	24.3	24.8	25.1	25.5	---
15	26.4	25.6	23.9	23.3	23.2	23.3	23.8	24.3	24.8	25.1	25.6	25.9
16	26.4	25.6	23.8	23.3	23.1	23.4	23.8	24.3	24.8	25.2	25.6	25.9
17	26.4	25.6	23.9	23.3	23.2	23.4	23.8	24.3	24.8	25.2	25.6	25.9
18	26.4	25.6	24.0	23.3	23.2	23.4	23.8	24.3	24.8	25.2	25.6	25.9
19	26.4	25.6	24.0	23.4	23.2	23.4	23.8	24.4	24.8	25.2	25.6	26.0
20	26.4	25.5	24.0	23.5	23.2	23.4	23.8	24.4	24.8	25.2	25.6	26.0
21	26.4	25.5	24.0	23.5	23.3	23.4	23.8	24.4	24.8	25.2	25.6	26.0
22	26.4	25.5	23.9	23.5	23.3	23.4	---	24.4	24.9	25.2	25.6	26.0
23	26.4	25.5	23.9	23.3	23.4	23.4	23.9	24.4	24.9	25.2	25.6	26.0
24	26.4	25.5	23.9	23.2	23.4	23.4	23.9	24.4	24.9	25.2	25.7	26.0
25	26.4	25.5	23.8	23.2	23.4	23.4	23.9	24.5	24.9	25.2	25.7	26.0
26	26.3	25.5	23.9	23.3	23.5	23.4	23.9	24.5	24.9	25.2	25.7	26.0
27	26.3	25.5	23.7	23.3	23.4	23.5	23.9	24.5	24.9	25.2	25.7	26.0
28	26.3	25.5	23.5	23.2	23.5	23.5	24.0	24.5	25.0	25.2	25.7	26.0
29	26.3	25.5	23.4	23.0	---	23.5	24.0	24.5	25.0	25.3	25.7	26.1
30	26.3	25.5	23.4	23.0	---	23.5	24.0	24.6	25.0	25.3	25.7	26.1
31	---	---	23.6	23.1	---	23.5	---	24.6	---	25.3	25.7	---
Total	---	771.2	750.4	725.8	652.6	725.6	---	753.3	743.3	779.7	791.8	---
Mean	---	25.7	24.2	23.4	23.3	23.4	---	24.3	24.8	25.2	25.5	---
Max	---	26.3	25.5	23.8	23.5	23.5	---	24.6	25.0	25.3	25.7	---
Min	---	25.5	23.4	23.0	23.1	23.3	---	24.0	24.6	25.0	25.3	---

