

251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL

Southern Florida Basin
Everglades Subbasin

LOCATION.--Lat 25°15'51.16", long 80°25'12.66" referenced to North American Datum of 1983, in T.59 S., R.39 E., Miami-Dade County, FL, Hydrologic Unit 03090202, located approximately 300 ft upstream of mouth, 9.5 mi north of Key Largo.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 2003 to current year.

REVISED RECORDS.--WDR-US-2009, site 251549080251200; Revised maximum negative discharge for the period of record.WDR-US-2010, site 251549080251200; Revised figures of discharge for 2008, 2009 water years.

GAGE.--Satellite data collection platform with acoustic stage transducer, acoustic Doppler velocity meter. Datum of gage is North American Vertical Datum of 1988 (NAVD 88).

REMARKS.--Record poor. During periods of missing record, values may be higher or lower than the listed extremes. Streamflow at this site is significantly affected by astronomical tides. Daily mean discharge was computed from filtered unit value discharge data. The Godin low-pass filter was used to remove principal tidal frequencies from unit values. Positive flow (ebb tide) is generally to the south and negative discharge (flood tide) to the north. Discharge and gage height records, are available in files of the U.S. Geological Survey. Discharge and gage height 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.--

DISCHARGE: Maximum positive discharge, 2,480 ft³/s (unfiltered) Oct. 24, 2005; maximum negative, 1,780 ft³/s (unfiltered) Oct. 24, 2005.

GAGE HEIGHT: Maximum gage height, 2.27 ft Sept. 20, 2005; minimum, -1.96 ft Oct. 24, 2005.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 442 ft³/s (unfiltered) July 18, Aug. 29; maximum negative, 510 ft³/s (unfiltered) Aug. 30.

GAGE HEIGHT: Maximum gage height, 1.14 ft Oct. 7; minimum, -1.76 ft Feb. 8.

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GAGE HEIGHT, FEET
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	0.03	-0.46	-0.62	-1.02	-0.45	-0.94	-0.62	-1.09	-1.02	-1.44	-1.10	-1.60
2	0.00	-0.50	-0.58	-1.05	-0.31	-0.91	-0.80	-1.31	-0.95	-1.36	-0.47	-1.27
3	0.04	-0.53	-0.35	-0.86	-0.36	-0.82	-1.04	-1.50	-1.06	-1.49	-0.14	-0.76
4	0.27	-0.29	-0.39	-0.90	-0.39	-0.92	-0.98	-1.41	-1.00	-1.43	-0.06	-0.66
5	0.70	-0.20	-0.16	-0.92	-0.45	-0.98	-0.99	-1.42	-1.12	-1.52	-0.26	-0.95
6	1.12	0.44	-0.08	-0.62	-0.48	-0.94	-0.86	-1.31	-1.20	-1.53	-0.55	-1.32
7	1.14	0.32	-0.25	-0.73	-0.37	-0.80	-0.65	-1.15	-1.19	-1.75	-0.77	-1.25
8	0.87	0.13	-0.16	-0.67	-0.41	-0.88	-0.81	-1.25	-1.13	-1.76	-0.62	-1.06
9	0.59	-0.09	-0.10	-0.64	-0.34	-0.83	-0.76	-1.23	-1.20	-1.55	-0.67	-1.17
10	0.52	-0.13	-0.14	-0.67	-0.33	-0.82	-0.81	-1.33	-1.24	-1.57	-0.86	-1.34
11	0.30	-0.28	-0.16	-0.67	-0.42	-0.89	-0.93	-1.36	-0.97	-1.56	-0.75	-1.37
12	0.18	-0.34	-0.01	-0.53	-0.43	-1.03	-0.83	-1.37	-0.85	-1.35	-0.66	-1.28
13	0.15	-0.37	-0.05	-0.49	-0.73	-1.23	-0.71	-1.21	-0.96	-1.32	-0.70	-1.13
14	0.08	-0.43	0.20	-0.45	-0.57	-1.13	-0.86	-1.24	-0.96	-1.45	-0.73	-1.16
15	0.16	-0.37	0.26	-0.28	-0.58	-1.02	-0.81	-1.30	-0.93	-1.45	-0.79	-1.20
16	0.08	-0.34	0.29	-0.23	-0.54	-1.03	-0.77	-1.32	-0.93	-1.40	-0.85	-1.31
17	0.01	-0.42	0.19	-0.32	-0.68	-1.09	-0.71	-1.27	-0.81	-1.31	-0.98	-1.42
18	0.01	-0.45	0.02	-0.49	-0.71	-1.19	-0.71	-1.28	-0.66	-1.14	-0.79	-1.26
19	0.01	-0.44	0.14	-0.52	-0.66	-1.24	-0.88	-1.38	-0.77	-1.28	-0.73	-1.20
20	0.00	-0.52	0.13	-0.42	-0.63	-1.11	-0.86	-1.36	-0.79	-1.28	-0.63	-1.14
21	-0.06	-0.55	-0.03	-0.62	-0.61	-1.21	-0.81	-1.31	-0.81	-1.34	-0.53	-1.04
22	-0.07	-0.59	-0.17	-0.67	-0.93	-1.38	-0.62	-1.11	-0.97	-1.45	-0.73	-1.34
23	0.11	-0.37	-0.22	-0.79	-0.87	-1.38	-0.56	-1.07	-0.87	-1.47	-1.00	-1.44
24	0.05	-0.52	-0.30	-0.85	-0.54	-1.05	-0.60	-1.05	-0.81	-1.31	-1.16	-1.50
25	-0.23	-0.74	-0.30	-0.77	-0.53	-1.02	-0.77	-1.33	-0.97	-1.30	-1.10	-1.57
26	-0.43	-0.91	-0.37	-0.90	-0.64	-1.24	-1.02	-1.43	-1.02	-1.46	-0.91	-1.51
27	-0.57	-1.04	-0.42	-0.92	-0.62	-1.10	-1.21	-1.56	-1.03	-1.38	-0.84	-1.29
28	-0.75	-1.19	-0.38	-0.87	-0.62	-1.08	-1.17	-1.61	-0.93	-1.33	-0.66	-1.24
29	-0.77	-1.24	-0.28	-0.83	-0.65	-1.12	-1.20	-1.58	---	---	-0.40	-0.98
30	-0.37	-1.01	-0.33	-0.74	-0.57	-1.14	-1.23	-1.61	---	---	-0.67	-1.31
31	-0.44	-0.92	---	---	-0.57	-1.10	-1.09	-1.58	---	---	-1.00	-1.43
Month	1.14	-1.24	0.29	-1.05	-0.31	-1.38	-0.56	-1.61	-0.66	-1.76	-0.06	-1.60

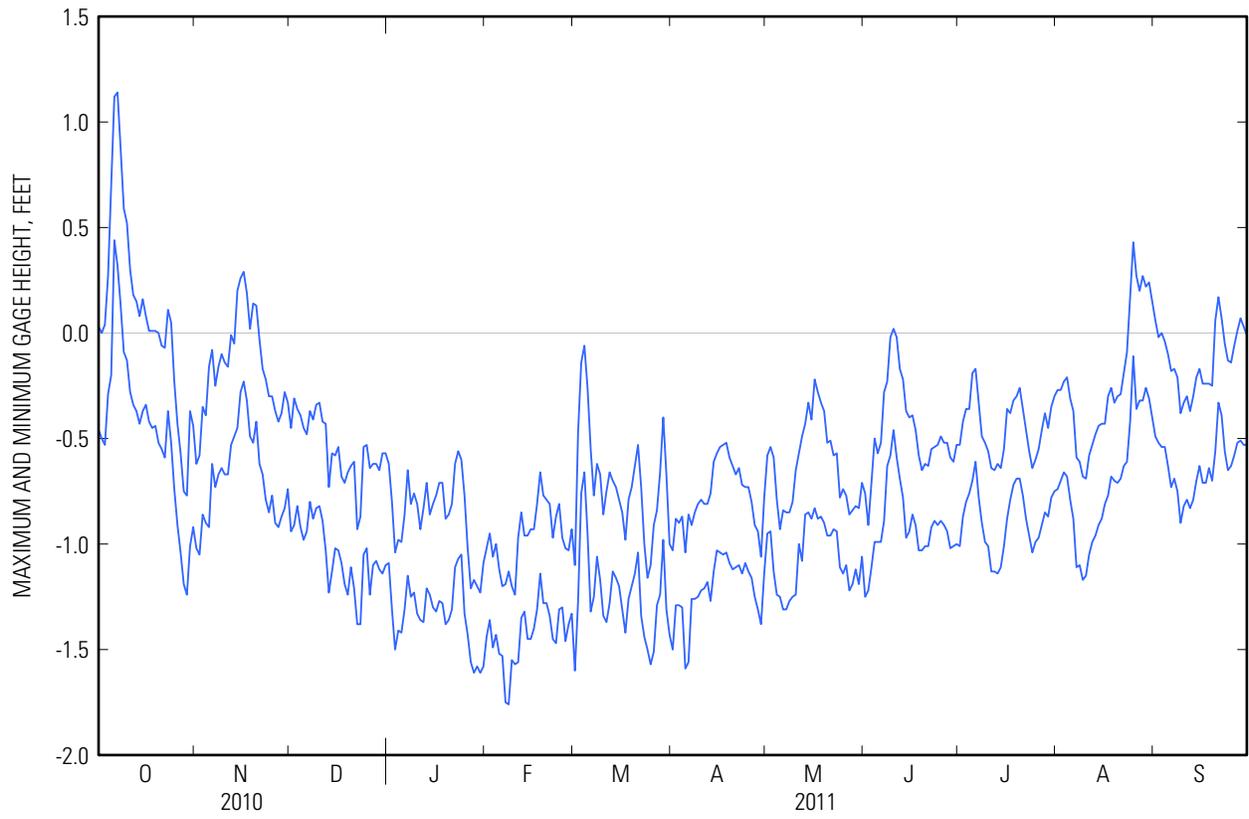
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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	-1.03	-1.50	-0.58	-0.95	-0.76	-1.25	-0.53	-1.01	-0.27	-0.74	0.06	-0.49
2	-0.88	-1.29	-0.54	-0.94	-0.91	-1.22	-0.42	-0.87	-0.27	-0.70	-0.02	-0.52
3	-0.90	-1.29	-0.59	-1.13	-0.71	-1.11	-0.36	-0.80	-0.23	-0.66	0.00	-0.54
4	-0.87	-1.30	-0.79	-1.24	-0.50	-0.99	-0.36	-0.76	-0.21	-0.68	-0.04	-0.54
5	-1.04	-1.59	-0.93	-1.25	-0.57	-0.99	-0.19	-0.70	-0.31	-0.79	-0.10	-0.63
6	-0.86	-1.56	-0.84	-1.31	-0.52	-0.99	-0.17	-0.61	-0.37	-0.88	-0.18	-0.73
7	-0.91	-1.26	-0.85	-1.31	-0.28	-0.89	-0.33	-0.78	-0.59	-1.11	-0.17	-0.69
8	-0.85	-1.26	-0.85	-1.27	-0.23	-0.63	-0.49	-0.90	-0.61	-1.10	-0.21	-0.75
9	-0.81	-1.25	-0.80	-1.25	-0.02	-0.58	-0.52	-0.99	-0.68	-1.17	-0.38	-0.90
10	-0.79	-1.22	-0.65	-1.24	0.02	-0.46	-0.56	-1.01	-0.69	-1.15	-0.33	-0.82
11	-0.81	-1.21	-0.57	-1.00	-0.02	-0.59	-0.64	-1.13	-0.58	-1.05	-0.30	-0.79
12	-0.81	-1.18	-0.49	-1.08	-0.17	-0.69	-0.65	-1.13	-0.53	-0.99	-0.37	-0.83
13	-0.76	-1.27	-0.43	-0.86	-0.22	-0.78	-0.62	-1.14	-0.48	-0.96	-0.30	-0.79
14	-0.61	-1.13	-0.33	-0.85	-0.37	-0.97	-0.64	-1.11	-0.44	-0.91	-0.21	-0.70
15	-0.57	-1.03	-0.41	-0.88	-0.40	-0.94	-0.55	-1.01	-0.43	-0.88	-0.17	-0.63
16	-0.54	-1.04	-0.22	-0.83	-0.39	-0.86	-0.36	-0.88	-0.43	-0.81	-0.24	-0.71
17	-0.53	-1.05	-0.28	-0.88	-0.46	-0.91	-0.38	-0.79	-0.30	-0.77	-0.24	-0.71
18	-0.52	-1.04	-0.33	-0.87	-0.58	-1.03	-0.32	-0.72	-0.26	-0.68	-0.24	-0.64
19	-0.59	-1.09	-0.37	-0.90	-0.65	-1.03	-0.30	-0.69	-0.33	-0.70	-0.25	-0.70
20	-0.63	-1.12	-0.52	-0.96	-0.62	-1.01	-0.26	-0.69	-0.30	-0.71	0.06	-0.56
21	-0.67	-1.11	-0.51	-0.96	-0.63	-1.01	-0.36	-0.77	-0.29	-0.69	0.17	-0.33
22	-0.64	-1.10	-0.58	-0.93	-0.55	-0.92	-0.46	-0.88	-0.19	-0.63	0.07	-0.39
23	-0.72	-1.14	-0.57	-0.94	-0.54	-0.89	-0.56	-0.96	-0.09	-0.61	-0.05	-0.56
24	-0.73	-1.09	-0.78	-1.11	-0.53	-0.91	-0.64	-1.04	0.17	-0.42	-0.13	-0.65
25	-0.73	-1.13	-0.74	-1.14	-0.49	-0.89	-0.60	-0.99	0.43	-0.11	-0.14	-0.63
26	-0.80	-1.16	-0.77	-1.10	-0.52	-0.91	-0.55	-0.97	0.27	-0.36	-0.06	-0.58
27	-0.91	-1.25	-0.86	-1.22	-0.52	-0.94	-0.46	-0.91	0.20	-0.32	0.01	-0.52
28	-0.94	-1.31	-0.84	-1.19	-0.59	-1.02	-0.38	-0.85	0.27	-0.32	0.07	-0.51
29	-1.06	-1.38	-0.82	-1.12	-0.61	-1.01	-0.45	-0.87	0.22	-0.26	0.03	-0.53
30	-0.78	-1.14	-0.83	-1.19	-0.53	-1.00	-0.35	-0.78	0.24	-0.31	-0.01	-0.53
31	---	---	-0.71	-1.06	---	---	-0.30	-0.75	0.15	-0.40	---	---
Month	-0.52	-1.59	-0.22	-1.31	0.02	-1.25	-0.17	-1.14	0.43	-1.17	0.17	-0.90

	Max	Min
Year	1.14	-1.76

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251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL—Continued

DISCHARGE, TIDALLY FILTERED, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	111	27	30	24	-2.6	6.4	10	-18	22	16	12	43
2	65	15	1.9	32	8.8	-77	-15	4.2	2.5	5.5	7.1	32
3	30	35	16	13	8.5	-76	-7.0	23	-17	3.3	4.8	34
4	1.6	36	20	3.8	7.3	6.0	9.5	21	-13	-3.2	17	23
5	-35	0.52	20	3.0	13	55	21	5.3	6.8	-9.4	25	29
6	-45	23	0.98	-0.76	10	59	-17	4.0	-9.2	44	50	25
7	24	24	-2.6	3.6	11	5.9	-7.8	1.9	-38	73	48	17
8	45	13	8.9	13	-2.4	-9.3	-5.4	-0.21	-31	47	28	25
9	35	20	4.0	2.6	3.6	16	-7.0	3.1	-26	29	21	22
10	33	19	17	15	5.8	27	-6.0	-13	-16	31	19	4.1
11	38	2.3	21	14	-4.0	-0.92	-0.29	-3.4	11	29	15	5.6
12	42	-11	35	0.14	1.6	-6.4	8.9	-9.3	24	14	7.9	23
13	46	0.79	36	7.3	15	3.2	-3.6	-13	28	14	6.1	6.2
14	47	-20	-2.9	14	13	10	-4.2	-3.5	30	9.0	7.1	0.48
15	35	-11	0.04	7.0	6.5	20	-2.4	5.0	12	-7.2	6.6	11
16	44	11	11	8.8	2.1	21	2.6	-4.0	4.8	-12	5.6	18
17	39	36	22	22	-8.7	1.0	-0.29	13	9.0	6.5	1.2	21
18	21	50	19	30	-0.05	-16	-3.0	13	13	10	15	20
19	22	7.9	6.3	17	16	-10	2.0	15	10	13	32	16
20	22	30	2.8	2.6	4.6	-13	5.9	16	21	22	34	-24
21	18	43	28	-0.18	15	-3.9	3.0	6.0	9.1	33	21	2.2
22	2.9	40	19	-11	18	22	7.5	7.8	-2.1	42	19	36
23	2.0	37	-16	0.02	-7.6	22	5.9	20	9.0	31	11	58
24	50	20	-19	12	-1.8	17	4.8	23	13	21	-24	48
25	60	15	13	29	19	1.5	3.6	8.2	16	12	-5.7	36
26	44	29	26	32	8.1	-12	13	15	20	3.2	45	36
27	37	5.7	8.1	15	3.1	-11	18	20	22	1.1	23	26
28	29	-0.59	16	4.9	17	-29	19	11	34	14	17	15
29	2.9	3.3	12	5.9	---	3.7	5.5	9.5	40	20	40	18
30	-7.8	23	3.4	5.0	---	45	-20	11	32	5.1	47	18
31	29	---	6.9	-2.1	---	30	---	8.0	---	10	45	---
Total	887.6	523.92	363.82	322.62	179.85	107.18	41.22	199.59	236.9	526.9	600.7	644.58
Mean	28.6	17.5	11.7	10.4	6.42	3.46	1.37	6.44	7.90	17.0	19.4	21.5
Max	111	50	36	32	19	59	21	23	40	73	50	58
Min	-45	-20	-19	-11	-8.7	-77	-20	-18	-38	-12	-24	-24

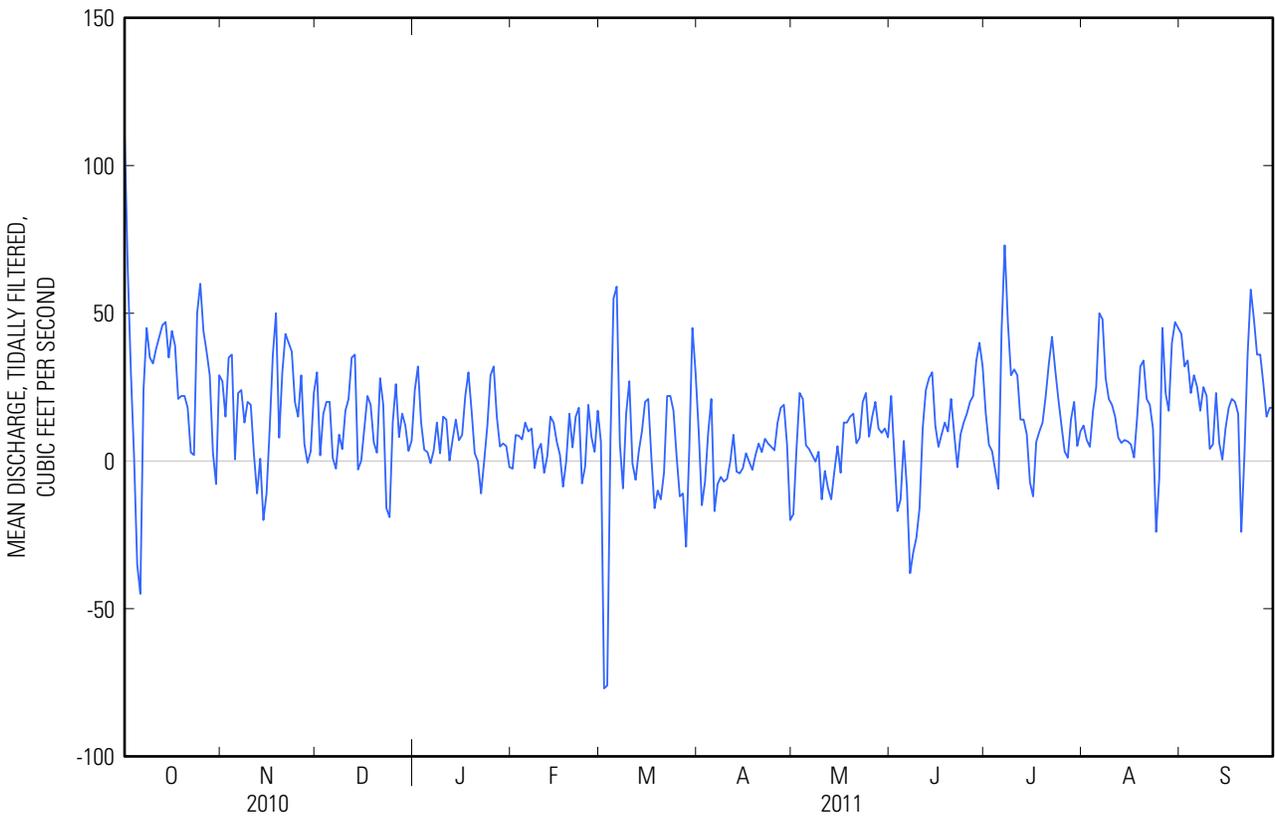
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	24.1	21.0	12.2	7.59	6.12	-0.48	3.13	5.28	12.3	11.9	17.0	17.9
Max	29.2	32.8	29.5	10.4	16.0	12.6	14.8	10.9	19.7	21.8	23.0	31.9
(WY)	(2006)	(2004)	(2010)	(2011)	(2010)	(2010)	(2010)	(2009)	(2005)	(2006)	(2009)	(2010)
Min	14.8	11.8	0.13	4.02	-0.77	-9.69	-3.28	-9.01	7.90	-11.0	12.2	-2.03
(WY)	(2005)	(2007)	(2005)	(2008)	(2009)	(2005)	(2005)	(2005)	(2011)	(2004)	(2007)	(2004)

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SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 2004 - 2011	
Annual total	6,053.49		4,634.88			
Annual mean	16.6		12.7		12.7	
Highest annual mean					12.7 2011	
Lowest annual mean					12.7 2011	
Highest daily mean	137	Sep 30	111	Oct 1	243	Oct 24, 2005
Lowest daily mean	-45	Jan 23	-77	Mar 2	-122	Sep 19, 2005
Annual seven-day minimum	-17	May 5	-18	Jun 3	-32	Jul 3, 2004
10 percent exceeds	42		36		36	
50 percent exceeds	16		11		11	
90 percent exceeds	-5.4		-8.2		-8.2	



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WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SALINITY (TOP): October 2003 to August 2006. Discontinued.
SALINITY (BOTTOM): October 2003 to September 2011. Discontinued.
SPECIFIC CONDUCTANCE (BOTTOM): October 2010 to September 2011. Discontinued.
WATER TEMPERATURE (TOP): October 2003 to August 2006. Discontinued.
WATER TEMPERATURE (BOTTOM): October 2003 to September 2011. Discontinued.

INSTRUMENTATION.--Water-quality monitor with bottom sensor.

REMARKS.--Salinity and specific conductance (BOTTOM) record rated excellent, except for the following period: Aug. 18 to Sept. 23, rated good, and Sept. 24-30, rated fair. Water temperature (BOTTOM) rated excellent. Prior to September 1, 2010 salinity was computed directly from specific conductance using a conversion within the continuous water quality monitor. From September 1, 2010 to current year, salinity is computed from corrected specific conductance data using a rating in the NWIS database. During periods of missing record, values may be higher or lower than the listed extremes. Salinity and water temperature records are available in files of the U.S. Geological Survey. Salinity and water temperature 15 minute data can also be accessed online at <http://sofia.usgs.gov/>. Daily values of salinity and water temperature are available online at <http://waterdata.usgs.gov/nwis>. Discrete water quality data are available online at <http://nwis.waterdata.usgs.gov/fl/nwis/qw>.

EXTREMES FOR PERIOD OF RECORD.--

SALINITY (TOP): Maximum recorded, 44.7 ppt July 18, 2004; minimum recorded, 0.1 ppt Sept. 5, 2004.
SALINITY (BOTTOM): Maximum recorded, 45.5 ppt May 12, 13, 15, 2009; minimum recorded, 2.3 ppt Oct. 1, 2010.
SPECIFIC CONDUCTANCE (BOTTOM): Maximum recorded, 62,800 $\mu\text{S}/\text{cm}$ @25°C June 20, 2011; minimum recorded, 4,300 $\mu\text{S}/\text{cm}$ @25°C Oct. 1, 2010.
WATER TEMPERATURE (TOP): Maximum recorded, 36.4°C July 29, 2005 and Aug. 4, 2005; minimum recorded, 12.6°C Feb. 14, 2006.
WATER TEMPERATURE (BOTTOM): Maximum recorded, 36.6°C Aug. 20, 2010; minimum recorded, 6.6°C Jan. 11, 2010.

EXTREMES FOR CURRENT YEAR.--

SALINITY (BOTTOM): Maximum recorded, 42.4 ppt June 20; minimum recorded, 2.3 ppt Oct. 1.
SPECIFIC CONDUCTANCE (BOTTOM): Maximum recorded, 62,800 $\mu\text{S}/\text{cm}$ @25°C June 20; minimum recorded, 4,300 $\mu\text{S}/\text{cm}$ @25°C Oct. 1.
WATER TEMPERATURE (BOTTOM): Maximum recorded, 35.5°C July 15; minimum recorded, 10.8°C Dec. 15.

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BOTTOM
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	17.1	2.3	17.4	15.5	20.2	17.2	23.4	22.4	22.9	21.9	24.5	21.7
2	12.3	4.5	18.6	14.5	19.8	17.2	23.3	21.9	22.2	21.5	23.7	22.7
3	11.7	5.2	18.4	11.3	19.7	17.9	23.3	21.3	22.7	21.2	25.1	23.5
4	22.6	6.7	14.9	10.1	21.4	17.4	23.4	22.0	22.7	21.6	25.5	24.4
5	20.8	10.6	17.0	9.5	21.4	18.0	23.4	22.2	22.0	20.6	25.8	24.4
6	20.6	17.8	17.6	12.1	21.3	18.8	23.4	22.2	21.7	19.6	25.5	24.2
7	20.7	19.0	17.8	12.6	21.1	19.3	23.1	22.2	21.6	20.2	25.4	24.3
8	20.6	18.4	18.0	13.0	21.1	19.1	23.1	22.2	21.7	20.4	25.6	24.9
9	20.8	17.2	19.5	13.8	21.3	19.6	23.3	22.4	21.6	20.8	26.0	25.3
10	21.0	17.2	19.2	14.4	21.5	19.8	23.4	22.4	21.7	20.6	26.1	24.7
11	20.9	15.4	21.2	15.9	21.7	19.6	23.3	22.4	22.0	21.1	25.6	24.8
12	20.4	15.9	20.4	17.2	23.0	19.8	23.7	22.5	22.2	21.1	26.3	25.1
13	20.6	14.0	20.3	18.4	22.4	18.1	23.5	22.4	22.4	21.1	26.4	25.5
14	22.2	12.0	20.4	18.4	22.2	19.1	23.6	22.5	22.8	21.4	26.7	25.7
15	22.3	13.7	20.7	19.2	22.4	19.8	23.8	22.9	23.2	21.8	26.8	25.9
16	21.5	14.6	20.6	19.8	22.4	20.3	23.9	23.1	23.8	22.2	26.9	26.0
17	21.1	14.5	20.7	19.7	22.4	20.4	23.9	22.0	23.8	22.7	27.1	25.1
18	20.6	14.7	20.8	19.1	22.2	20.4	23.1	21.3	23.8	23.1	27.5	26.8
19	20.0	16.0	21.1	18.6	22.6	19.9	22.9	19.8	23.8	23.1	27.5	26.8
20	20.2	15.5	21.1	19.3	22.6	20.5	22.6	19.8	24.0	23.2	27.8	27.0
21	20.6	15.3	21.0	18.7	22.6	20.5	22.0	20.3	24.0	23.3	28.3	27.5
22	20.4	16.1	20.8	18.6	22.7	19.9	22.6	20.4	23.6	22.7	28.3	27.5
23	20.4	18.6	20.8	16.5	22.9	20.4	23.1	21.3	23.8	23.1	28.0	27.2
24	20.6	18.4	21.0	15.7	23.1	21.3	22.8	21.5	23.9	23.4	28.1	27.0
25	20.1	15.9	20.9	18.8	22.5	21.7	22.9	21.1	23.9	23.5	28.2	27.6
26	17.7	15.4	20.4	17.8	22.6	21.1	22.1	19.1	24.1	23.2	28.2	27.8
27	17.2	13.5	20.5	17.4	22.7	21.5	22.9	19.0	24.1	23.4	28.2	27.6
28	17.5	12.7	20.8	17.3	23.0	21.5	22.9	19.5	24.3	23.1	28.3	27.8
29	17.9	12.0	21.0	18.4	23.0	21.7	22.9	19.8	---	---	28.1	27.0
30	19.8	12.6	20.8	19.7	22.9	21.9	22.9	20.2	---	---	28.0	27.2
31	19.6	15.7	---	---	23.3	22.2	22.9	21.2	---	---	28.4	27.6
Month	22.6	2.3	21.2	9.5	23.3	17.2	23.9	19.0	24.3	19.6	28.4	21.7

251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL—Continued

BOTTOM
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	28.4	27.5	33.0	32.3	39.7	37.2	37.6	34.4	34.3	32.9	27.1	22.7
2	28.2	27.6	33.5	32.7	39.1	37.3	37.7	35.3	35.2	33.5	30.7	22.1
3	28.6	27.7	33.7	33.2	38.8	37.9	37.7	36.4	35.2	34.0	30.1	23.4
4	28.8	28.3	34.3	33.5	38.7	38.0	38.4	37.3	35.8	34.4	29.9	23.6
5	29.1	28.7	34.4	34.0	39.1	38.0	38.8	37.8	36.4	34.8	26.5	22.7
6	29.1	28.3	34.6	33.1	39.2	38.2	38.9	33.2	36.4	33.7	27.5	21.2
7	29.3	28.8	34.7	33.3	39.0	38.4	35.9	29.4	35.0	32.2	27.7	21.9
8	29.6	29.2	34.6	33.4	39.4	38.5	31.2	26.8	34.8	31.8	27.8	21.5
9	29.9	29.6	34.6	31.7	39.5	38.6	30.4	25.5	34.8	31.7	27.5	21.5
10	30.1	29.1	34.7	33.7	39.4	38.6	29.6	26.4	34.6	31.1	27.4	22.0
11	30.1	29.0	34.6	33.9	39.8	39.0	29.5	24.8	34.6	30.8	27.8	22.1
12	30.3	28.8	35.0	34.3	40.2	39.3	30.7	24.1	34.7	31.4	27.5	22.1
13	30.1	29.3	34.9	34.3	40.5	39.6	32.6	25.8	34.5	31.8	35.0	21.2
14	30.0	29.2	35.2	34.6	41.1	39.8	32.0	26.6	34.4	31.9	35.6	22.9
15	30.1	29.5	35.1	34.0	41.1	40.1	31.9	28.4	34.9	32.3	35.3	27.0
16	30.5	29.7	34.9	34.2	41.1	40.4	32.1	29.6	35.2	32.3	35.0	28.6
17	30.6	29.9	35.1	34.4	41.2	40.1	32.6	30.5	33.7	31.8	34.4	30.2
18	30.6	29.9	35.4	34.7	42.1	40.7	33.4	30.1	34.3	32.9	34.1	30.5
19	30.9	30.3	35.5	34.9	42.0	40.8	32.8	29.3	33.7	30.7	34.0	30.8
20	31.6	30.5	35.9	35.1	42.4	37.9	33.2	30.2	32.3	29.4	33.5	30.7
21	31.8	31.4	35.9	35.2	39.5	38.5	33.9	30.6	31.5	27.8	34.1	32.5
22	32.2	31.7	36.4	35.6	39.9	39.2	32.3	29.6	32.0	28.4	33.5	30.7
23	32.3	31.9	36.7	35.8	40.0	39.2	32.0	29.6	33.9	27.2	32.7	27.0
24	32.7	32.3	37.3	36.4	40.2	38.8	32.3	29.4	34.3	29.7	33.3	23.7
25	32.9	32.6	37.7	36.7	40.1	38.5	33.3	29.9	35.5	33.2	31.7	21.9
26	33.4	32.4	38.2	36.8	39.8	38.8	32.2	30.3	36.0	32.4	29.9	20.8
27	33.7	32.4	38.5	36.4	40.1	39.2	31.6	30.9	35.8	32.5	28.7	21.6
28	34.2	32.6	38.4	36.7	40.0	38.8	33.0	31.0	34.9	31.8	28.8	20.1
29	34.0	31.7	38.3	37.0	39.4	35.4	33.5	31.6	33.0	27.4	26.2	20.2
30	33.2	32.0	38.7	37.0	38.5	34.7	34.0	31.9	30.4	27.0	31.2	20.5
31	---	---	38.4	37.1	---	---	34.2	32.3	29.8	24.5	---	---
Month	34.2	27.5	38.7	31.7	42.4	34.7	38.9	24.1	36.4	24.5	35.6	20.1

	Max	Min
Year	42.4	2.3

251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL—Continued

BOTTOM
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	27,800	4,300	28,300	25,400	32,300	28,000	36,900	35,600	36,200	34,800	38,500	34,600
2	20,600	8,070	30,000	23,900	31,800	27,900	36,800	34,800	35,200	34,300	37,400	35,900
3	19,600	9,350	29,800	19,000	31,600	29,000	36,800	34,000	35,900	33,800	39,400	37,100
4	35,800	11,800	24,600	17,200	34,100	28,200	37,000	35,000	35,900	34,400	40,000	38,400
5	33,300	18,000	27,600	16,200	34,100	29,100	37,000	35,300	35,000	33,000	40,300	38,400
6	33,000	28,800	28,500	20,300	34,000	30,300	36,900	35,200	34,500	31,500	40,000	38,100
7	33,100	30,600	28,900	21,100	33,700	31,100	36,600	35,200	34,400	32,400	39,800	38,200
8	33,000	29,700	29,100	21,600	33,600	30,800	36,500	35,300	34,600	32,600	40,100	39,100
9	33,200	28,000	31,300	22,900	34,000	31,500	36,800	35,600	34,400	33,200	40,600	39,600
10	33,500	28,000	30,900	23,800	34,200	31,800	37,000	35,500	34,500	33,000	40,800	38,800
11	33,400	25,300	33,800	26,000	34,500	31,500	36,800	35,500	35,000	33,600	40,100	38,900
12	32,600	26,000	32,600	28,000	36,400	31,800	37,400	35,700	35,200	33,600	41,000	39,400
13	32,900	23,200	32,500	29,700	35,600	29,300	37,100	35,600	35,600	33,600	41,200	40,000
14	35,300	20,200	32,600	29,800	35,200	30,800	37,200	35,700	36,100	34,100	41,600	40,200
15	35,400	22,700	33,100	30,900	35,500	31,800	37,500	36,300	36,700	34,700	41,800	40,500
16	34,200	24,100	32,900	31,800	35,500	32,500	37,700	36,500	37,600	35,300	41,900	40,700
17	33,600	24,000	33,100	31,600	35,600	32,700	37,700	34,900	37,500	36,000	42,200	39,400
18	33,000	24,200	33,300	30,700	35,300	32,600	36,600	34,000	37,500	36,600	42,700	41,700
19	32,100	26,200	33,600	30,000	35,800	31,900	36,200	31,800	37,500	36,500	42,800	41,800
20	32,300	25,400	33,600	31,000	35,800	32,800	35,800	31,800	37,800	36,700	43,200	42,100
21	32,900	25,100	33,500	30,200	35,800	32,800	35,000	32,500	37,800	36,800	43,800	42,700
22	32,700	26,300	33,300	30,100	36,000	32,000	35,800	32,700	37,200	35,900	43,900	42,800
23	32,700	30,000	33,200	26,900	36,300	32,600	36,600	33,900	37,600	36,500	43,500	42,300
24	32,900	29,700	33,500	25,700	36,500	34,000	36,100	34,200	37,700	37,000	43,600	42,000
25	32,200	26,100	33,400	30,300	35,700	34,500	36,200	33,700	37,700	37,100	43,700	42,900
26	28,700	25,300	32,700	28,900	35,800	33,600	35,100	30,700	38,000	36,700	43,700	43,100
27	27,900	22,400	32,800	28,200	36,000	34,300	36,200	30,600	38,000	36,900	43,700	42,900
28	28,400	21,200	33,200	28,100	36,400	34,200	36,200	31,400	38,200	36,600	43,900	43,100
29	29,000	20,200	33,500	29,700	36,400	34,600	36,200	31,800	---	---	43,600	42,000
30	31,800	21,000	33,200	31,600	36,300	34,800	36,300	32,300	---	---	43,500	42,300
31	31,500	25,700	---	---	36,800	35,300	36,300	33,800	---	---	44,000	42,900
Month	35,800	4,300	33,800	16,200	36,800	27,900	37,700	30,600	38,200	31,500	44,000	34,600

251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL—Continued

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

Day	Max	Min	Max	Min								
	April		May		June		July		August		September	
1	44,000	42,800	50,300	49,300	59,200	55,900	56,500	52,200	52,100	50,200	42,200	35,900
2	43,700	42,900	50,900	49,900	58,400	56,000	56,600	53,400	53,200	51,000	47,200	35,100
3	44,200	43,000	51,300	50,600	58,000	56,900	56,600	54,800	53,300	51,600	46,400	36,900
4	44,500	43,900	52,000	50,900	57,900	57,000	57,500	56,000	54,100	52,200	46,000	37,300
5	45,000	44,400	52,200	51,600	58,400	57,000	58,100	56,700	54,800	52,700	41,400	35,900
6	45,000	43,800	52,500	50,400	58,500	57,300	58,200	50,600	54,800	51,200	42,800	33,800
7	45,200	44,500	52,600	50,700	58,300	57,500	54,200	45,400	53,000	49,200	43,000	34,800
8	45,700	45,100	52,400	50,800	58,800	57,600	47,800	41,800	52,700	48,600	43,100	34,200
9	46,100	45,600	52,500	48,500	58,900	57,800	46,800	39,900	52,700	48,500	42,700	34,200
10	46,400	45,000	52,600	51,300	58,800	57,800	45,700	41,200	52,400	47,700	42,600	34,900
11	46,400	44,800	52,500	51,500	59,300	58,300	45,500	39,000	52,400	47,300	43,200	35,100
12	46,600	44,500	53,000	52,000	59,900	58,700	47,200	37,900	52,600	48,100	42,800	35,100
13	46,400	45,200	52,800	52,000	60,300	59,100	49,700	40,300	52,300	48,600	53,000	33,800
14	46,200	45,100	53,200	52,400	61,000	59,400	49,000	41,500	52,200	48,800	53,800	36,200
15	46,400	45,500	53,100	51,600	61,000	59,700	48,800	44,000	52,800	49,300	53,400	42,000
16	46,900	45,800	52,800	51,900	61,100	60,100	49,100	45,600	53,300	49,400	53,000	44,200
17	47,000	46,000	53,100	52,200	61,200	59,800	49,700	46,900	51,300	48,600	52,200	46,500
18	47,000	46,100	53,500	52,600	62,400	60,500	50,800	46,300	52,000	50,100	51,800	46,900
19	47,500	46,600	53,700	52,900	62,200	60,600	50,000	45,200	51,200	47,200	51,600	47,300
20	48,400	46,900	54,200	53,100	62,800	56,800	50,600	46,500	49,300	45,400	51,000	47,100
21	48,700	48,100	54,200	53,300	59,000	57,700	51,500	47,000	48,200	43,200	51,800	49,600
22	49,200	48,500	54,800	53,800	59,500	58,500	49,300	45,600	48,900	44,000	51,000	47,200
23	49,400	48,800	55,200	54,100	59,600	58,600	48,900	45,600	51,500	42,300	49,900	42,100
24	49,900	49,300	56,100	54,800	59,900	58,100	49,400	45,400	52,100	45,800	50,700	37,400
25	50,200	49,700	56,600	55,200	59,700	57,600	50,700	46,100	53,700	50,600	48,500	34,800
26	50,800	49,500	57,200	55,400	59,400	58,100	49,200	46,600	54,300	49,500	46,100	33,200
27	51,300	49,500	57,600	54,900	59,700	58,600	48,400	47,400	54,100	49,600	44,400	34,400
28	51,900	49,800	57,500	55,200	59,600	58,100	50,300	47,600	52,900	48,700	44,500	32,200
29	51,700	48,500	57,400	55,600	58,800	53,500	51,000	48,400	50,300	42,600	40,900	32,400
30	50,500	48,900	57,900	55,600	57,700	52,600	51,700	48,800	46,700	42,000	47,800	32,800
31	---	---	57,500	55,800	---	---	51,900	49,400	45,900	38,600	---	---
Month	51,900	42,800	57,900	48,500	62,800	52,600	58,200	37,900	54,800	38,600	53,800	32,200

	Max	Min
Year	62,800	4,300

251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL—Continued

BOTTOM
TEMPERATURE, WATER, DEGREES CELSIUS
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	29.7	26.3	27.9	29.8	26.7	28.0	26.9	22.8	25.3	21.5	17.8	19.4
2	30.9	27.1	28.6	28.5	26.3	27.4	23.0	21.0	22.2	22.6	19.5	20.7
3	31.0	27.6	29.1	27.0	25.1	26.0	21.0	18.5	20.1	22.9	20.2	21.4
4	30.1	27.6	29.1	26.2	24.8	25.6	21.4	17.8	20.1	23.5	20.8	22.0
5	28.7	25.8	27.4	26.2	23.5	24.9	21.9	18.0	20.3	23.9	21.5	22.6
6	26.9	25.5	26.3	23.5	18.5	20.9	20.8	17.7	19.1	23.4	21.5	22.4
7	25.7	23.8	25.0	20.8	16.1	19.0	18.0	14.0	15.9	21.9	18.3	20.1
8	26.2	23.6	25.0	19.6	17.9	18.8	16.4	12.6	15.0	20.7	17.9	19.5
9	26.9	24.4	25.7	21.5	17.2	19.8	16.0	13.7	14.7	20.8	18.2	19.8
10	27.5	25.1	26.4	22.7	18.4	21.1	16.7	12.8	14.9	22.0	19.6	20.7
11	28.0	26.0	27.0	23.3	20.6	22.3	18.8	14.9	16.8	24.2	21.0	22.6
12	27.6	26.1	26.6	23.5	21.2	22.4	19.6	16.1	18.0	23.7	18.0	21.5
13	29.1	25.6	27.0	23.6	21.1	22.6	19.2	15.3	17.5	18.1	16.3	17.1
14	28.7	27.0	27.5	23.9	22.1	22.9	15.6	12.1	13.9	17.7	15.1	16.5
15	28.6	26.1	27.4	24.7	22.4	23.3	14.2	10.8	12.7	19.6	16.5	17.7
16	28.5	25.4	26.9	25.4	23.1	24.0	15.6	11.6	13.6	21.2	17.4	18.9
17	27.6	24.9	26.3	26.9	24.1	25.2	18.6	13.9	15.8	20.6	19.4	19.9
18	27.5	25.3	26.4	26.5	25.3	25.7	19.8	16.4	17.9	24.1	19.4	21.2
19	28.5	25.1	26.6	25.4	23.0	24.3	20.2	17.4	18.7	25.9	21.9	23.4
20	28.4	26.0	27.2	24.0	22.0	23.1	19.1	16.9	18.0	25.5	22.8	23.9
21	29.1	26.2	27.7	24.4	22.2	23.4	20.3	16.5	18.2	24.8	23.3	24.0
22	28.8	26.4	27.6	24.1	22.8	23.5	20.5	17.3	18.9	24.0	20.4	22.8
23	27.5	26.0	26.6	24.4	22.4	23.6	20.1	17.9	19.1	21.0	16.4	18.7
24	28.1	25.5	26.8	25.4	22.7	24.2	19.4	16.7	18.5	19.5	17.6	18.8
25	28.5	26.2	27.3	24.8	23.1	24.3	20.2	17.9	19.2	21.6	19.1	20.2
26	28.6	26.6	27.7	25.1	23.2	24.3	20.0	16.8	19.1	22.7	20.4	21.2
27	29.8	27.1	28.3	25.9	24.0	24.9	17.0	14.3	15.9	21.5	19.7	20.7
28	30.1	27.3	28.7	25.9	23.4	25.1	15.7	12.8	14.3	19.9	17.6	18.9
29	30.2	26.9	28.7	26.8	24.2	25.4	15.7	13.1	14.4	20.4	15.3	18.3
30	29.4	26.8	28.5	26.7	24.6	25.4	18.0	15.1	16.3	21.4	16.5	19.0
31	29.5	26.8	27.9	---	---	---	20.1	16.7	17.9	23.5	18.7	20.5
Month	31.0	23.6	27.3	29.8	16.1	23.7	26.9	10.8	17.5	25.9	15.1	20.5

251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL—Continued

BOTTOM
TEMPERATURE, WATER, DEGREES CELSIUS
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	24.4	20.9	22.2	28.8	24.1	26.1	29.5	26.1	27.8	30.0	26.1	28.2
2	25.6	21.9	23.4	26.6	24.3	25.6	30.1	25.5	27.7	29.9	25.7	27.7
3	26.0	23.1	24.3	24.3	22.2	23.2	29.8	26.7	28.3	29.9	25.5	27.4
4	25.8	23.3	24.6	22.7	19.9	21.4	29.4	25.4	27.3	29.7	26.2	27.9
5	25.2	23.1	24.3	23.8	19.6	21.6	28.3	25.5	27.0	28.6	26.1	27.6
6	26.6	23.1	24.8	26.2	22.0	23.7	27.9	24.6	26.7	29.1	26.0	27.6
7	26.6	24.2	25.4	25.9	22.4	24.2	28.6	25.2	26.9	30.2	26.7	28.5
8	26.2	23.2	24.7	26.0	23.4	24.8	29.0	26.1	27.6	31.0	28.2	29.6
9	24.0	22.0	23.1	25.8	23.1	24.5	29.8	26.5	27.9	31.6	28.1	29.7
10	25.6	23.2	24.3	26.1	23.5	24.5	29.9	26.7	28.2	31.4	28.0	29.6
11	25.0	22.7	24.3	23.9	19.6	22.2	30.7	26.7	28.6	31.4	27.4	29.3
12	22.7	18.0	20.8	22.8	19.7	21.2	31.6	27.2	29.1	30.9	28.3	29.4
13	20.0	15.7	18.0	23.2	20.5	21.6	29.6	27.5	28.5	31.0	27.0	28.7
14	22.0	17.4	19.3	24.2	20.8	22.1	29.7	25.1	27.4	31.2	27.4	29.1
15	22.2	17.8	19.7	25.7	21.4	23.1	31.1	26.2	28.3	29.4	26.8	27.7
16	23.2	19.0	20.7	27.1	22.0	24.1	31.0	27.2	28.8	29.1	25.3	27.4
17	24.1	20.5	21.9	27.3	22.3	24.5	31.6	27.6	29.5	29.2	25.3	27.5
18	23.9	20.8	22.2	26.1	22.7	24.3	30.9	27.4	29.3	30.1	25.8	28.0
19	23.8	21.0	22.6	25.6	21.8	23.8	30.2	27.4	28.8	31.1	27.0	29.2
20	23.4	21.1	22.5	25.6	22.2	24.0	29.1	26.2	27.9	31.4	28.2	29.8
21	24.4	21.7	23.1	24.9	22.8	23.9	28.0	25.3	26.8	31.8	28.1	30.0
22	26.2	22.8	24.5	24.9	21.7	23.4	27.8	24.9	26.4	31.7	28.3	30.0
23	26.7	24.3	25.4	26.3	22.7	24.6	27.9	25.0	26.4	29.9	27.7	28.9
24	26.2	24.2	25.1	27.1	23.6	25.4	29.2	25.2	26.9	30.1	27.0	28.3
25	26.2	23.0	24.6	27.2	24.1	25.5	29.0	25.9	27.4	31.1	26.8	28.5
26	27.8	23.4	25.4	28.4	24.4	26.2	31.3	26.6	28.5	30.5	26.9	28.5
27	28.3	23.9	25.8	29.1	24.7	26.7	32.5	27.4	29.5	30.6	27.1	28.7
28	28.0	23.8	25.7	30.3	26.1	27.9	33.2	27.8	30.1	32.3	27.6	29.4
29	---	---	---	30.0	25.8	27.7	33.2	28.6	30.5	31.1	27.1	28.9
30	---	---	---	30.3	26.3	28.0	30.2	27.8	29.2	30.2	26.5	28.0
31	---	---	---	30.7	26.8	28.5	---	---	---	29.9	26.3	27.9
Month	28.3	15.7	23.3	30.7	19.6	24.5	33.2	24.6	28.1	32.3	25.3	28.6

251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL—Continued

BOTTOM
TEMPERATURE, WATER, DEGREES CELSIUS
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	29.9	25.7	27.6	30.8	27.9	29.4	33.3	29.1	31.5	31.4	29.1	30.3
2	29.5	26.0	27.7	30.6	28.6	29.6	33.1	29.5	31.7	31.4	29.0	30.4
3	29.4	26.3	27.9	31.0	27.6	29.5	34.1	29.8	32.2	31.6	29.1	30.5
4	28.9	26.5	27.8	30.9	28.1	29.7	34.1	30.6	32.6	32.5	29.4	30.7
5	29.6	26.4	28.0	31.0	28.6	29.8	34.4	30.8	32.6	33.2	29.0	30.9
6	29.8	26.8	28.3	29.6	27.8	28.8	33.7	30.6	32.2	33.3	29.7	31.3
7	30.0	27.0	28.4	28.6	26.7	27.6	33.4	30.4	31.8	33.9	29.8	31.8
8	28.8	26.9	27.7	30.2	26.0	27.9	31.2	30.0	30.5	34.3	30.5	32.4
9	27.9	26.6	27.1	31.4	28.4	29.8	31.4	29.4	30.4	34.3	30.4	32.2
10	30.3	26.0	27.5	33.8	28.8	31.0	30.5	29.4	29.9	34.0	30.4	32.4
11	31.5	26.9	28.8	34.0	29.8	31.7	30.9	28.8	29.8	33.1	30.1	32.0
12	32.3	28.2	30.2	35.1	29.8	32.2	31.8	29.0	30.3	32.3	29.3	30.8
13	33.8	28.9	31.4	35.3	31.0	33.1	34.0	29.3	31.5	33.2	28.6	31.1
14	33.8	30.0	31.9	35.2	31.0	33.1	33.9	29.9	32.2	34.3	29.0	31.9
15	33.0	29.4	31.2	35.5	31.2	33.4	32.9	30.2	31.6	33.2	28.8	31.4
16	32.4	28.4	30.6	34.8	31.2	33.4	32.2	29.3	31.1	33.2	28.8	31.0
17	33.0	29.0	31.1	34.2	29.9	32.5	33.1	29.1	31.1	31.7	28.6	30.4
18	32.8	30.0	31.5	33.8	29.4	32.0	32.1	29.0	30.9	31.3	28.8	30.2
19	32.5	30.5	31.5	33.6	29.2	31.9	31.1	28.7	29.8	31.6	28.6	30.2
20	32.2	30.1	31.1	34.0	30.3	32.4	31.4	28.2	29.8	31.8	29.2	30.3
21	33.2	29.6	31.2	35.1	30.7	33.2	32.7	29.1	31.0	31.3	28.9	29.9
22	33.2	29.3	31.2	34.2	30.9	32.8	33.0	29.7	31.4	29.9	28.7	29.2
23	33.4	29.4	31.2	34.3	30.7	32.5	31.7	29.7	30.8	32.4	28.0	29.9
24	33.5	29.7	31.3	34.5	30.6	32.4	32.6	29.7	31.0	32.0	29.5	30.7
25	33.4	29.6	31.2	34.6	30.6	32.3	30.8	29.3	30.1	30.6	29.2	29.8
26	32.4	29.2	30.6	33.5	29.8	31.6	31.8	28.4	30.1	29.2	27.1	28.1
27	32.9	29.3	30.8	31.7	30.0	30.7	32.3	29.5	30.7	30.5	26.9	28.6
28	31.0	29.0	29.9	33.6	28.8	30.6	32.0	29.9	30.7	32.3	28.4	30.3
29	29.8	27.2	28.5	33.2	29.2	30.8	31.3	29.1	30.1	31.6	29.1	30.4
30	30.5	26.5	28.4	32.2	29.2	30.7	29.5	28.8	29.2	32.0	28.8	30.5
31	---	---	---	32.9	28.8	31.0	31.7	28.1	29.9	---	---	---
Month	33.8	25.7	29.7	35.5	26.0	31.2	34.4	28.1	30.9	34.3	26.9	30.7

	Max	Min	Mean
Year	35.5	10.8	26.3