

Water-Data Report 2011

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°12'11.89", long 80°35'02.80" referenced to North American Datum of 1927, in T.60 S., R.37 E., Miami-Dade County, FL, Hydrologic Unit 03090202, left bank upstream of mouth, 9 mi northwest of Key Largo.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1995 to current year.

REVISED RECORDS.--For unit value gage height, WDR-US-2006, site 251209080350100: 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005. For unit value discharge, WDR-US-2008, site 251209080350100: 2005, 2006, and 2007. See REMARKS.

GAGE.--Satellite data collection platform with water-stage shaft encoder and acoustic Doppler velocity meter. Datum of gage North American Vertical Datum of 1988.

REMARKS.--Records good. During periods of missing record, values may be higher or lower than the listed extremes. Daily mean discharge is not published. The discharge for this station is more affected by wind than astronomical tides. Discharge at wind-driven sites may require a different filter (subtidal) than the Godin low-pass filter. Discharge and gage height records are available in the files of the U.S. Geological Survey. Mean monthly discharge tables for the period of record are published. Mean monthly discharge tables only include months with a complete record of daily mean discharges. Discharge and gage height 15 minute data and mean monthly discharge data can also be accessed online at <http://sofia.usgs.gov/>. Gage height daily values are available online at <http://waterdata.usgs.gov/nwis>.

EXTREMES FOR PERIOD OF RECORD.--

DISCHARGE: Maximum positive discharge, 879 ft<sup>3</sup>/s (estimated), Oct. 24, 2005; maximum negative, 570 ft<sup>3</sup>/s Oct. 24, 2005.

GAGE HEIGHT: Maximum gage height, 3.37 ft (estimated), Oct. 24, 2005; minimum, -1.84 ft Mar. 10, 1996.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 328 ft<sup>3</sup>/s Oct. 1; maximum negative, 249 ft<sup>3</sup>/s Nov. 16.

GAGE HEIGHT: Maximum gage height, 0.57 ft Aug. 28, 29; minimum, -1.71 ft Feb. 13.

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**
**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	<b>October</b>		<b>November</b>		<b>December</b>		<b>January</b>		<b>February</b>		<b>March</b>	
<b>1</b>	---	---	-0.53	-0.67	-0.31	-0.87	-0.65	-0.77	-0.97	-1.17	-0.88	-1.16
<b>2</b>	---	---	-0.55	-0.79	-0.81	-1.26	-0.67	-0.78	-0.96	-1.10	-0.95	-1.32
<b>3</b>	---	---	-0.48	-0.87	-0.99	-1.35	-0.73	-0.86	-0.93	-1.04	-1.10	-1.29
<b>4</b>	---	---	-0.17	-0.62	-0.90	-1.13	-0.77	-0.87	-0.91	-1.01	-1.05	-1.28
<b>5</b>	---	---	-0.13	-0.88	-0.62	-0.98	-0.74	-0.89	-0.83	-0.98	-1.08	-1.21
<b>6</b>	-0.44	-0.84	-0.59	-1.15	-0.61	-0.97	-0.63	-1.06	-0.87	-0.98	-0.95	-1.12
<b>7</b>	-0.30	-0.83	-1.03	-1.36	-0.81	-1.02	-0.63	-0.90	-0.76	-1.12	-0.83	-1.13
<b>8</b>	0.01	-0.34	-0.95	-1.29	-0.71	-0.99	-0.48	-0.68	-1.00	-1.26	-0.72	-0.92
<b>9</b>	0.21	-0.01	-0.70	-1.01	-0.72	-1.14	-0.57	-0.76	-0.94	-1.24	-0.72	-0.90
<b>10</b>	0.32	0.02	-0.45	-0.70	-0.79	-1.12	-0.67	-0.81	-1.06	-1.17	-0.75	-1.14
<b>11</b>	0.20	-0.05	-0.40	-0.61	-0.60	-0.83	-0.80	-0.86	-1.14	-1.42	-0.95	-1.48
<b>12</b>	0.17	-0.18	-0.52	-0.67	-0.36	-0.72	-0.86	-1.49	-1.37	-1.65	-1.01	-1.28
<b>13</b>	0.06	-0.16	-0.48	-0.69	-0.49	-1.07	-1.34	-1.64	-1.40	-1.71	-1.06	-1.15
<b>14</b>	0.02	-0.14	-0.31	-0.56	-0.76	-1.11	-1.32	-1.60	-1.40	-1.54	-1.07	-1.20
<b>15</b>	-0.14	-0.34	0.01	-0.33	-0.84	-1.03	-1.27	-1.39	-1.38	-1.61	-1.05	-1.19
<b>16</b>	-0.32	-0.53	0.31	-0.01	-0.67	-0.90	-1.17	-1.34	-1.27	-1.46	-1.06	-1.20
<b>17</b>	-0.38	-0.54	0.24	0.06	-0.66	-0.73	-0.78	-1.17	-1.11	-1.34	-1.06	-1.17
<b>18</b>	-0.32	-0.55	0.14	-0.29	-0.51	-0.74	-0.64	-0.80	-1.08	-1.20	-1.08	-1.25
<b>19</b>	-0.20	-0.41	-0.29	-0.62	-0.51	-0.68	-0.58	-0.70	-1.06	-1.16	-1.09	-1.22
<b>20</b>	-0.09	-0.31	-0.37	-0.58	-0.57	-0.84	-0.59	-0.68	-0.99	-1.17	-1.04	-1.18
<b>21</b>	-0.09	-0.33	-0.23	-0.50	-0.72	-0.81	-0.40	-0.63	-0.82	-1.00	-1.04	-1.24
<b>22</b>	-0.12	-0.48	-0.37	-0.57	-0.78	-0.88	-0.41	-0.92	-0.80	-0.91	-1.12	-1.24
<b>23</b>	-0.29	-0.61	-0.50	-0.68	-0.76	-0.88	-0.73	-1.02	-0.85	-1.00	-1.01	-1.18
<b>24</b>	-0.48	-0.60	-0.52	-0.62	-0.83	-1.07	-0.75	-0.88	-0.78	-1.04	-0.97	-1.13
<b>25</b>	-0.34	-0.51	-0.38	-0.58	-0.66	-0.89	-0.66	-0.89	-0.73	-0.95	-0.90	-1.10
<b>26</b>	-0.32	-0.44	-0.25	-0.38	-0.50	-1.24	-0.77	-1.11	-0.87	-0.94	-0.82	-1.00
<b>27</b>	-0.33	-0.58	-0.13	-0.33	-0.66	-1.02	-0.99	-1.32	-0.86	-0.95	-0.78	-0.84
<b>28</b>	-0.47	-0.72	-0.28	-0.40	-0.89	-1.19	-1.16	-1.36	-0.79	-0.90	-0.73	-1.22
<b>29</b>	-0.47	-0.73	-0.33	-0.45	-0.92	-1.07	-1.10	-1.29	---	---	-0.70	-1.21
<b>30</b>	-0.58	-0.76	-0.32	-0.48	-0.75	-0.95	-1.15	-1.30	---	---	-0.66	-0.91
<b>31</b>	-0.60	-0.80	---	---	-0.73	-0.86	-1.16	-1.22	---	---	-0.50	-0.84
<b>Month</b>	---	---	0.31	-1.36	-0.31	-1.35	-0.40	-1.64	-0.73	-1.71	-0.50	-1.48

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**
**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	<b>April</b>		<b>May</b>		<b>June</b>		<b>July</b>		<b>August</b>		<b>September</b>	
<b>1</b>	-0.42	-0.72	-0.82	-0.98	-1.07	-1.26	-0.34	-0.48	-0.23	-0.45	0.12	-0.19
<b>2</b>	-0.65	-0.84	-0.88	-0.99	-1.06	-1.28	-0.33	-0.51	-0.15	-0.33	0.06	-0.21
<b>3</b>	-0.82	-0.97	-0.98	-1.10	-1.16	-1.28	-0.35	-0.52	-0.03	-0.24	0.13	-0.10
<b>4</b>	-0.72	-0.90	-0.97	-1.15	-1.15	-1.28	-0.36	-0.48	0.00	-0.24	0.16	-0.09
<b>5</b>	-0.69	-1.05	-0.99	-1.13	-1.13	-1.26	-0.44	-0.57	-0.17	-0.46	0.23	0.05
<b>6</b>	-0.92	-1.15	-0.94	-1.09	-0.85	-1.18	-0.32	-0.61	-0.27	-0.51	0.30	-0.08
<b>7</b>	-0.94	-1.04	-0.84	-1.00	-0.72	-0.90	0.11	-0.41	-0.28	-0.58	0.07	-0.10
<b>8</b>	-0.96	-1.03	-0.77	-0.90	-0.72	-0.83	0.10	-0.24	-0.28	-0.42	0.02	-0.15
<b>9</b>	-0.97	-1.07	-0.71	-0.88	-0.76	-0.88	-0.20	-0.35	-0.33	-0.48	-0.06	-0.31
<b>10</b>	-0.88	-1.05	-0.68	-0.83	-0.80	-0.94	-0.34	-0.47	-0.31	-0.52	-0.09	-0.33
<b>11</b>	-0.76	-0.96	-0.71	-0.79	-0.57	-0.95	-0.40	-0.57	-0.24	-0.47	-0.24	-0.40
<b>12</b>	-0.69	-0.79	-0.62	-0.81	-0.30	-0.59	-0.44	-0.60	-0.24	-0.39	-0.25	-0.44
<b>13</b>	-0.56	-0.72	-0.53	-0.71	-0.17	-0.39	-0.38	-0.57	-0.23	-0.49	-0.20	-0.41
<b>14</b>	-0.54	-0.72	-0.31	-0.58	-0.15	-0.36	-0.34	-0.49	-0.24	-0.44	-0.19	-0.40
<b>15</b>	-0.44	-0.59	-0.10	-0.40	-0.07	-0.43	-0.23	-0.41	-0.03	-0.31	-0.05	-0.27
<b>16</b>	-0.36	-0.49	0.00	-0.23	-0.12	-0.36	-0.16	-0.41	-0.02	-0.18	-0.09	-0.33
<b>17</b>	-0.34	-0.52	0.16	-0.13	-0.14	-0.37	-0.12	-0.48	-0.06	-0.24	-0.23	-0.40
<b>18</b>	-0.36	-0.54	0.01	-0.29	-0.25	-0.45	-0.18	-0.36	0.09	-0.29	-0.20	-0.41
<b>19</b>	-0.47	-0.66	-0.24	-0.43	-0.37	-0.49	-0.03	-0.32	0.09	-0.21	-0.24	-0.40
<b>20</b>	-0.59	-0.83	-0.39	-0.56	-0.38	-0.53	-0.16	-0.29	0.24	-0.16	-0.12	-0.37
<b>21</b>	-0.74	-1.00	-0.47	-0.63	-0.45	-0.52	-0.22	-0.32	-0.02	-0.23	-0.14	-0.29
<b>22</b>	-0.95	-1.03	-0.61	-0.75	-0.44	-0.57	-0.28	-0.52	0.01	-0.31	0.10	-0.26
<b>23</b>	-0.94	-1.06	-0.70	-0.88	-0.42	-0.51	-0.41	-0.59	0.25	-0.24	0.16	-0.08
<b>24</b>	-0.90	-1.09	-0.84	-0.96	-0.34	-0.50	-0.45	-0.66	0.08	-0.44	0.17	-0.04
<b>25</b>	-1.01	-1.09	-0.82	-0.96	-0.12	-0.48	-0.44	-0.74	0.06	-0.52	0.41	-0.03
<b>26</b>	-0.79	-1.08	-0.68	-0.91	-0.12	-0.49	-0.32	-0.55	0.48	0.05	0.47	0.15
<b>27</b>	-0.67	-0.79	-0.72	-0.86	-0.26	-0.53	-0.26	-0.49	0.55	0.29	0.38	0.07
<b>28</b>	-0.65	-0.80	-0.72	-0.84	-0.40	-0.64	-0.35	-0.52	0.57	0.30	0.25	0.02
<b>29</b>	-0.75	-0.93	-0.76	-0.87	-0.34	-0.61	-0.46	-0.68	0.57	0.34	0.19	-0.04
<b>30</b>	-0.66	-0.90	-0.87	-1.10	-0.36	-0.60	-0.48	-0.67	0.54	0.11	0.22	-0.03
<b>31</b>	---	---	-0.99	-1.25	---	---	-0.36	-0.56	0.30	-0.04	---	---
<b>Month</b>	-0.34	-1.15	0.16	-1.25	-0.07	-1.28	0.11	-0.74	0.57	-0.58	0.47	-0.44

## Water-Data Report 2011

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued****DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>1996</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	---	44.4	7.16	14.5	2.28	-3.09	-13.4	-8.83	61.7	58.7	12.9	58.5

**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>1997</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	115	33.9	0.46	-3.15	-24.5	-19.4	-38.3	-17.8	105	83.1	31.9	66.4

**SUMMARY STATISTICS**

	<b>Calendar Year 1996</b>						<b>Water Year 1997</b>			<b>Water Years 1996 - 1997</b>		
<b>Annual mean</b>	27.7						28.0			28.0		

**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>1998</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	52.1	21.2	50.5	25.7	52.9	31.6	-4.24	-18.2	-9.28	-3.41	46.6	78.3

**SUMMARY STATISTICS**

	<b>Calendar Year 1997</b>						<b>Water Year 1998</b>			<b>Water Years 1996 - 1998</b>		
<b>Annual mean</b>	25.9						26.8			27.4		

**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>1999</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	59.7	52.7	13.7	5.46	-11.5	12.5	-11.3	10.3	40.0	60.5	45.8	72.5

**SUMMARY STATISTICS**

	<b>Calendar Year 1998</b>						<b>Water Year 1999</b>			<b>Water Years 1996 - 1999</b>		
<b>Annual mean</b>	26.9						29.5			28.1		

**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>2000</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	166	98.6	40.2	19.4	18.1	-6.73	-9.70	-13.5	-12.0	-9.76	24.5	45.4

**SUMMARY STATISTICS**

	<b>Calendar Year 1999</b>						<b>Water Year 2000</b>			<b>Water Years 1996 - 2000</b>		
<b>Annual mean</b>	44.4						30.0			28.6		

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**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>2001</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	100	29.9	7.86	6.01	-3.62	-10.7	-4.13	-29.4	-5.29	-3.88	136	105

**SUMMARY STATISTICS**

	<b>Calendar Year 2000</b>	<b>Water Year 2001</b>	<b>Water Years 1996 - 2001</b>
<b>Annual mean</b>	16.2	27.5	28.4

**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>2002</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	150	89.3	26.3	29.7	-0.77	-3.32	-12.6	-16.4	80.6	149	74.7	81.0

**SUMMARY STATISTICS**

	<b>Calendar Year 2001</b>	<b>Water Year 2002</b>	<b>Water Years 1996 - 2002</b>
<b>Annual mean</b>	38.2	54.4	32.7

**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>2003</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	22.0	32.3	26.4	14.1	-4.10	-2.81	-19.2	50.2	71.5	33.5	33.6	94.2

**SUMMARY STATISTICS**

	<b>Calendar Year 2002</b>	<b>Water Year 2003</b>	<b>Water Years 1996 - 2003</b>
<b>Annual mean</b>	38.8	29.4	32.2

**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>2004</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	93.0	110	22.7	6.82	---	-6.66	-12.0	-20.3	-16.0	-19.3	43.0	104

**SUMMARY STATISTICS**

	<b>Calendar Year 2003</b>	<b>Water Years 1996 - 2004</b>
<b>Annual mean</b>	41.5	32.2

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**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**  
**MONTHLY MEAN VALUES**

2005	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	---	---	10.7	---	-10.4	---	---	-33.7	---	---	93.7	232

**SUMMARY STATISTICS**

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Water Years 1996 - 2005

<b>Annual mean</b>	32.2
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**DISCHARGE, CUBIC FEET PER SECOND**  
**MONTHLY MEAN VALUES**

2006	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	---	93.9	24.7	3.05	6.45	-19.2	-17.9	-27.7	8.83	124	---	145

**SUMMARY STATISTICS**

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Water Years 1996 - 2006

<b>Annual mean</b>	32.2
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**DISCHARGE, CUBIC FEET PER SECOND**  
**MONTHLY MEAN VALUES**

2007	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	39.1	15.3	---	-2.74	-2.66	-7.38	---	-9.58	73.0	75.5	---	33.0

**SUMMARY STATISTICS**

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Water Years 1996 - 2007

<b>Annual mean</b>	32.2
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**DISCHARGE, CUBIC FEET PER SECOND**  
**MONTHLY MEAN VALUES**

2008	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	136	31.3	-3.86	-0.71	5.84	-9.45	-17.8	-18.4	-2.96	-18.2	38.1	---

**SUMMARY STATISTICS**

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Water Years 1996 - 2008

<b>Annual mean</b>	32.2
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**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued****DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>2009</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	---	65.7	---	7.29	---	-29.4	-10.4	-28.5	---	98.0	40.9	109

**SUMMARY STATISTICS****Water Years 1996 - 2009**

<b>Annual mean</b>	32.2
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**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>2010</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	---	38.9	96.8	41.3	44.7	16.6	-14.7	-16.1	-4.68	29.3	59.9	103

**SUMMARY STATISTICS****Water Years 1996 - 2010**

<b>Annual mean</b>	32.2
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**DISCHARGE, CUBIC FEET PER SECOND  
MONTHLY MEAN VALUES**

<b>2011</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	---	33.8	18.4	18.4	-5.15	-14.1	-22.1	-20.8	-33.7	26.7	27.6	85.5

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2011, BY WATER YEAR (WY)**

<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	
<b>Mean</b>	93.3	52.8	24.4	12.3	4.85	-4.77	-14.8	-13.7	25.5	45.6	50.7	94.2

**SUMMARY STATISTICS****Water Years 1996 - 2011**

<b>Annual mean</b>	32.2
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**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SALINITY (TOP, BOTTOM): October 1995 to current year.

SPECIFIC CONDUCTANCE (TOP,BOTTOM): October 2010 to current year.

WATER TEMPERATURE (TOP, BOTTOM): October 1995 to current year.

INSTRUMENTATION.--Water-quality monitor with top and bottom sensors.

REMARKS.--Salinity and Specific conductance (TOP) record rated excellent except for the following periods: Oct. 23 to Nov. 15 and Aug. 25 to Sept. 30, rated good. Salinity and Specific conductance (BOTTOM) record rated excellent. Water temperature (TOP) record rated excellent except for the following periods, Jan. 5 to Apr. 19 and Aug. 3 to Sept. 30, rated good. Water temperature (BOTTOM) record rated excellent except for the following periods, Oct. 6 to Nov. 15 and Apr. 20 to June 14, rated good. Prior to Sept. 14, 2010, salinity was computed directly from specific conductance using a conversion within the continuous water quality monitor. From Sept. 14, 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 sensors located at -2.04 ft NAVD88 (TOP) and -3.47 ft NAVD88 (BOTTOM). Salinity and water temperature 15 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>.

EXTREMES FOR PERIOD OF RECORD.--

SALINITY (TOP): Maximum recorded, 49.0 ppt May 19, 2005; minimum recorded, 0.2 ppt Nov. 15-17, 2003.

SALINITY (BOTTOM): Maximum recorded, 48.5 ppt May 18, 19, 2005; minimum recorded, 0.3 ppt Oct. 24-31, Nov. 1, 1996, Oct. 5-18, 2003, Nov. 15-18, 2003, and Oct. 5-8, 2010.

SPECIFIC CONDUCTANCE (TOP): Maximum recorded, 63,200  $\mu\text{S}/\text{cm}$  @ 25°C June 27, 2011; minimum recorded, 697  $\mu\text{S}/\text{cm}$  @ 25°C Oct. 7, 2010.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum recorded, 62,600  $\mu\text{S}/\text{cm}$  @ 25°C June 27, 2011; minimum recorded, 640  $\mu\text{S}/\text{cm}$  @ 25°C Oct. 6, 7, 2010.

WATER TEMPERATURE (TOP): Maximum recorded, 37.2°C July 16, 2009; minimum recorded, 6.5°C Jan. 11, 2010.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 37.9°C July 17, 2009; minimum recorded, 6.5°C Jan. 11, 2010.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 42.8 ppt June 27; minimum recorded, 0.3 ppt Oct. 5-8.

SALINITY (BOTTOM): Maximum recorded, 42.3 ppt June 27; minimum recorded, 0.3 ppt Oct. 5-8

SPECIFIC CONDUCTANCE (TOP): Maximum recorded, 63,200  $\mu\text{S}/\text{cm}$  @ 25°C June 27; minimum recorded, 697  $\mu\text{S}/\text{cm}$  @ 25°C Oct. 7.

SPECIFIC CONDUCTANCE (BOTTOM): Maximum recorded, 62,600  $\mu\text{S}/\text{cm}$  @ 25°C June 27; minimum recorded, 640  $\mu\text{S}/\text{cm}$  @ 25°C Oct. 6, 7.

WATER TEMPERATURE (TOP): Maximum recorded, 35.4 °C Aug. 14; minimum recorded, 9.7 °C Dec. 15.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 35.2 °C Aug. 14; minimum recorded, 9.6 °C Dec. 15.

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

**TOP**  
**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	---	---	15.1	1.2	17.5	8.2	20.2	19.3	20.1	9.5	22.1	17.8
2	---	---	2.2	0.8	8.8	7.7	20.0	13.2	19.9	10.3	21.8	16.9
3	---	---	14.3	0.8	7.8	5.9	19.1	11.3	19.7	10.1	23.3	16.9
4	---	---	15.2	1.3	16.7	5.6	20.2	10.9	19.5	12.5	23.4	18.6
5	---	---	14.1	1.8	18.1	5.8	20.0	11.9	19.7	11.2	23.1	18.7
6	0.4	0.3	2.3	1.7	18.2	5.7	20.0	13.1	19.6	11.2	23.7	19.6
7	0.4	0.3	1.8	1.2	17.0	6.4	19.5	12.2	19.9	12.4	23.1	18.5
8	20.5	0.3	11.5	1.2	18.9	6.0	20.4	19.3	12.6	9.5	23.4	23.1
9	22.4	0.7	17.0	1.3	18.6	5.6	20.3	13.8	19.2	9.5	23.6	23.1
10	21.7	1.1	18.5	2.7	18.4	6.2	19.6	14.9	14.5	10.0	24.0	22.2
11	21.3	1.0	17.8	1.6	19.3	9.9	18.2	13.6	10.8	10.2	24.3	20.8
12	14.0	1.4	17.7	1.6	20.2	7.0	14.0	11.5	10.5	9.5	23.8	19.4
13	1.5	0.9	18.0	2.0	19.1	7.3	17.0	11.8	16.3	9.2	23.5	20.6
14	1.0	0.7	17.9	2.8	17.4	8.1	18.6	13.9	18.0	10.2	24.3	20.9
15	1.0	0.7	18.4	17.8	18.4	8.4	19.5	14.9	18.2	9.6	24.9	20.8
16	1.3	1.0	18.9	18.3	19.3	8.6	20.3	15.8	18.7	11.8	24.8	20.8
17	1.2	1.0	19.1	18.0	19.3	10.8	21.2	14.3	19.4	18.7	25.0	21.3
18	1.2	1.0	19.1	7.2	19.9	10.1	20.2	15.3	19.9	15.4	25.5	21.5
19	18.4	1.1	9.9	6.9	19.7	8.8	19.9	14.1	20.4	14.8	25.9	22.0
20	18.8	1.2	13.6	6.4	19.5	9.5	19.8	13.2	20.4	13.3	26.3	22.9
21	18.2	1.4	16.5	8.4	18.2	9.6	19.8	14.4	21.7	19.9	26.3	22.4
22	17.8	1.3	10.8	9.0	16.5	9.3	19.9	13.8	21.8	16.8	25.8	22.3
23	1.7	1.3	9.0	7.7	18.9	9.3	14.1	11.7	20.4	14.0	25.8	23.2
24	1.7	1.2	11.5	5.4	18.4	9.7	14.7	12.0	20.8	15.0	25.5	23.1
25	8.2	1.1	17.8	7.8	19.1	10.1	19.5	13.6	21.7	16.4	25.5	24.4
26	12.2	1.0	18.2	7.8	19.2	11.4	13.7	11.9	21.3	17.2	25.4	23.9
27	4.3	1.0	17.6	7.8	17.6	11.4	12.4	9.7	22.1	18.4	25.7	25.0
28	1.0	0.9	16.8	6.7	17.9	10.0	10.5	9.5	23.0	20.8	26.3	23.7
29	1.0	0.9	13.0	7.7	18.7	10.2	17.6	9.4	---	---	24.8	22.9
30	1.2	0.8	17.6	10.9	19.7	18.2	17.7	9.2	---	---	27.0	23.8
31	8.2	0.7	---	---	19.9	15.3	12.9	9.2	---	---	26.3	24.0
<b>Month</b>	---	---	19.1	0.8	20.2	5.6	21.2	9.2	23.0	9.2	27.0	16.9

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

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

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>
	<b>April</b>		<b>May</b>		<b>June</b>		<b>July</b>		<b>August</b>		<b>September</b>	
<b>1</b>	26.3	25.7	33.7	31.2	38.8	35.9	40.5	40.3	36.2	35.2	24.3	20.1
<b>2</b>	26.2	25.5	34.4	32.3	39.5	36.7	40.7	40.2	36.4	35.2	21.3	18.0
<b>3</b>	26.5	25.1	34.3	31.5	39.6	36.9	40.7	40.1	36.6	36.1	21.3	17.4
<b>4</b>	27.3	26.1	33.8	31.6	40.6	37.5	41.2	40.3	37.0	36.4	28.3	16.9
<b>5</b>	28.5	24.9	34.4	32.2	39.4	37.4	41.2	40.6	36.8	34.2	28.7	17.2
<b>6</b>	26.1	25.2	34.5	33.7	38.4	37.6	41.1	38.8	35.2	33.2	28.6	16.8
<b>7</b>	27.6	25.1	34.0	33.7	38.2	37.6	39.2	34.9	33.6	31.3	17.4	15.3
<b>8</b>	28.6	26.2	34.2	34.0	38.9	37.9	37.3	36.3	31.8	29.2	15.3	13.4
<b>9</b>	28.5	25.5	34.2	33.7	39.7	38.8	37.0	36.7	29.2	28.4	15.7	13.2
<b>10</b>	29.3	26.0	34.6	33.5	40.8	38.7	36.8	36.5	34.6	28.4	15.2	13.5
<b>11</b>	29.2	28.7	35.0	34.5	39.8	38.8	36.5	36.1	34.6	26.7	15.5	10.1
<b>12</b>	29.4	28.8	34.6	33.2	39.6	39.2	36.4	35.9	33.5	26.3	14.1	9.5
<b>13</b>	29.2	28.6	33.9	33.3	39.5	39.2	37.2	34.6	34.3	26.1	20.8	8.5
<b>14</b>	29.0	28.3	33.8	33.6	40.1	39.4	37.3	35.3	33.9	23.0	10.9	7.7
<b>15</b>	28.9	28.2	33.9	33.0	40.1	39.5	37.6	35.0	34.6	21.6	28.8	6.4
<b>16</b>	29.6	28.6	33.5	33.2	40.1	39.7	38.0	36.1	33.7	20.6	28.0	8.0
<b>17</b>	29.3	28.8	33.9	33.3	40.3	39.8	38.1	35.2	31.8	20.6	10.2	7.5
<b>18</b>	28.9	28.4	33.9	33.4	40.7	40.0	35.2	32.5	30.6	22.6	8.8	6.8
<b>19</b>	29.8	28.8	34.2	33.7	40.8	40.3	36.5	32.6	33.1	22.2	8.7	8.2
<b>20</b>	29.9	29.1	34.3	34.0	40.9	40.4	36.1	30.9	34.0	21.9	21.8	8.1
<b>21</b>	29.3	29.1	34.5	34.0	41.0	40.6	32.2	31.5	23.3	21.5	19.0	8.2
<b>22</b>	29.4	29.1	34.6	34.3	42.1	40.8	32.3	31.8	30.8	18.9	26.2	8.0
<b>23</b>	31.9	29.3	34.9	34.6	41.9	40.7	32.2	31.9	34.0	15.9	26.5	8.6
<b>24</b>	32.3	29.6	35.5	34.8	41.7	41.1	32.3	32.1	33.7	14.5	26.0	5.9
<b>25</b>	32.6	29.7	36.9	35.0	42.1	41.4	36.6	31.9	32.9	13.8	25.9	5.5
<b>26</b>	32.3	30.1	36.8	35.5	42.3	41.6	37.0	32.9	33.5	30.8	26.8	7.7
<b>27</b>	32.7	32.1	35.9	35.4	42.8	41.8	35.8	33.5	34.3	32.5	20.9	7.2
<b>28</b>	32.8	31.7	36.5	35.7	42.3	41.4	35.9	32.7	33.9	30.1	17.8	5.0
<b>29</b>	32.7	31.2	37.9	36.1	41.9	39.5	32.7	31.7	33.8	24.6	8.1	4.8
<b>30</b>	32.2	31.3	37.8	35.7	40.4	40.1	35.5	31.5	33.3	23.7	10.5	3.1
<b>31</b>	---	---	37.8	35.8	---	---	36.1	32.0	26.0	22.2	---	---
<b>Month</b>	32.8	24.9	37.9	31.2	42.8	35.9	41.2	30.9	37.0	13.8	28.8	3.1

**251209080350100 MUD CREEK AT THE MOUTH 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
	October		November		December		January		February		March	
1	---	---	14.7	1.2	17.5	8.2	19.9	19.3	19.9	9.8	22.1	17.6
2	---	---	10.6	0.8	8.8	7.7	19.6	13.9	19.8	11.8	21.5	16.6
3	---	---	14.3	0.8	12.2	5.9	18.7	11.1	19.7	9.9	22.9	16.6
4	---	---	14.8	1.3	16.8	5.6	19.9	11.0	19.6	14.7	22.9	18.3
5	---	---	13.6	1.8	18.1	5.9	19.9	11.9	19.7	11.3	22.8	18.4
6	0.3	0.3	2.2	1.6	18.2	5.7	19.8	13.9	19.6	11.3	23.5	19.3
7	0.3	0.3	1.8	1.2	18.0	6.4	19.5	13.8	19.9	12.5	22.9	18.3
8	20.2	0.3	12.7	1.2	19.0	6.0	20.0	19.1	18.1	9.9	23.1	22.3
9	21.0	1.1	17.0	1.3	18.7	5.6	19.9	13.7	19.3	9.9	23.4	22.9
10	20.0	1.1	18.0	15.5	18.6	6.2	19.4	14.8	18.2	10.2	23.6	21.9
11	19.7	1.0	17.4	1.5	19.4	16.7	18.7	13.5	12.8	10.6	23.9	20.4
12	16.5	1.4	17.8	1.5	20.4	9.9	13.9	13.3	10.6	10.2	23.5	19.1
13	1.7	0.9	17.8	2.0	19.7	7.3	18.6	13.6	18.4	9.9	23.1	19.7
14	1.8	0.6	17.6	4.2	19.3	8.2	19.3	13.7	18.3	10.5	23.9	20.6
15	1.0	0.6	18.2	17.6	19.0	8.4	19.3	14.7	18.4	9.7	24.4	20.5
16	1.2	1.0	18.6	18.2	19.3	13.0	20.0	17.6	18.9	13.1	24.3	20.4
17	1.2	1.0	19.0	17.8	19.3	18.7	21.1	14.1	19.5	18.6	24.6	20.8
18	4.1	0.9	19.0	7.1	20.1	10.3	20.1	19.1	20.2	16.4	25.0	21.1
19	17.6	1.1	9.8	6.8	19.9	8.8	19.8	14.1	21.1	15.4	25.4	21.5
20	18.0	1.2	13.5	6.4	19.6	9.5	19.7	13.3	20.9	13.6	25.7	22.7
21	17.8	1.3	17.6	8.3	18.6	9.7	19.7	14.4	21.5	20.2	25.7	22.0
22	17.2	1.3	17.0	9.0	19.2	9.4	19.8	13.7	21.6	17.6	25.3	21.8
23	1.7	1.3	9.0	7.7	19.1	9.4	14.5	13.2	20.9	14.3	25.3	22.8
24	1.7	1.1	18.2	5.4	18.4	9.5	16.7	13.2	20.8	15.1	25.0	22.7
25	13.3	1.0	18.0	8.2	19.1	17.0	19.5	13.5	21.4	16.3	24.9	24.0
26	14.8	1.0	18.0	16.8	19.2	11.3	13.7	11.8	21.3	17.2	24.8	23.5
27	14.6	1.0	17.8	8.7	18.7	11.3	12.3	10.4	21.9	19.1	25.1	24.7
28	1.0	0.9	17.1	6.8	18.2	10	11.4	10.1	22.7	21.2	25.6	23.4
29	2.5	0.9	14.8	7.7	18.8	10.2	18.9	9.5	---	---	24.6	23.0
30	7.2	0.8	17.6	10.9	19.4	18.6	18.9	9.2	---	---	26.6	23.4
31	13.8	0.7	---	---	19.5	18.1	17.8	9.2	---	---	26.0	23.4
<b>Month</b>	---	---	19.0	0.8	20.4	5.6	21.1	9.2	22.7	9.7	26.6	16.6

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

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

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>
	<b>April</b>		<b>May</b>		<b>June</b>		<b>July</b>		<b>August</b>		<b>September</b>	
<b>1</b>	25.8	25.1	33.3	31.0	38.9	35.8	40.3	39.9	35.9	34.6	23.5	19.4
<b>2</b>	25.5	24.9	34.0	32.0	39.4	36.6	40.3	39.8	36.0	34.6	20.7	17.6
<b>3</b>	25.8	24.5	34.0	31.2	39.5	36.5	40.3	40.0	36.2	35.8	22.2	16.9
<b>4</b>	26.5	25.4	33.5	31.2	40.7	37.7	40.8	39.9	36.7	36.1	28.8	16.7
<b>5</b>	27.7	24.5	33.7	31.7	40.3	37.6	40.8	40.2	36.4	33.7	27.8	17.1
<b>6</b>	25.5	24.5	34.0	33.0	38.8	37.6	40.7	38.4	34.6	32.6	27.9	16.3
<b>7</b>	26.9	24.5	33.2	33.0	38.5	37.6	38.8	34.6	33.4	30.8	16.9	14.9
<b>8</b>	27.9	25.6	33.4	33.1	38.8	37.9	36.9	36.1	31.2	28.8	16.8	13.2
<b>9</b>	27.7	24.9	33.5	32.9	39.5	38.7	36.7	36.3	28.8	27.9	15.1	12.8
<b>10</b>	28.4	25.3	33.5	32.5	40.4	38.4	36.8	36.1	33.8	27.8	25.8	13.0
<b>11</b>	28.4	28.0	33.9	33.4	39.5	38.5	36.3	35.9	33.7	26.0	14.9	9.7
<b>12</b>	28.7	28.1	33.5	32.0	39.5	39.0	36.1	35.8	32.8	25.8	13.6	9.2
<b>13</b>	28.4	27.8	32.6	32.2	39.2	39.0	37.0	34.4	33.3	25.5	28.4	8.2
<b>14</b>	28.1	27.7	32.6	32.3	39.8	38.9	37.0	34.9	33.5	22.3	27.1	7.5
<b>15</b>	28.0	27.7	32.4	31.5	39.8	39.2	37.0	34.6	33.7	20.8	28.6	6.5
<b>16</b>	28.6	27.7	31.9	31.6	39.8	39.4	37.6	35.5	32.9	19.9	28.5	7.7
<b>17</b>	28.5	28.0	32.0	31.6	40.0	39.5	37.5	34.6	30.8	19.9	17.1	7.2
<b>18</b>	28.0	27.5	32.1	31.6	40.3	39.8	35.7	32.0	29.5	21.7	21.5	6.7
<b>19</b>	29.6	27.9	32.3	31.9	40.4	40.1	36.0	32.1	31.6	21.0	25.5	7.8
<b>20</b>	29.6	28.7	32.5	32.1	40.6	40.4	36.0	30.4	32.0	20.6	26.5	7.8
<b>21</b>	29.0	28.8	32.6	32.3	40.6	40.4	31.7	30.9	29.7	20.1	24.9	9.0
<b>22</b>	29.1	28.8	32.7	32.5	41.7	40.5	31.7	31.2	29.9	17.8	27.0	8.9
<b>23</b>	31.6	29.1	33.5	32.7	41.6	40.3	31.7	31.3	32.5	16.3	26.3	10.6
<b>24</b>	32.0	29.3	34.3	33.5	41.4	40.8	31.8	31.6	32.6	14.3	28.4	6.0
<b>25</b>	32.3	29.4	36.0	34.3	41.7	40.9	36.6	31.3	31.8	13.0	29.4	5.6
<b>26</b>	32.0	29.7	36.2	35.5	41.9	41.1	36.7	32.8	32.2	29.8	28.2	7.8
<b>27</b>	32.3	31.8	35.9	35.3	42.3	41.4	35.5	33.4	32.7	31.5	28.2	6.8
<b>28</b>	32.5	31.3	36.4	35.7	41.8	41.0	35.7	32.3	32.4	31.2	29.1	4.8
<b>29</b>	32.4	30.9	37.9	36.1	41.4	39.4	32.3	31.4	32.4	24.5	24.8	4.6
<b>30</b>	31.9	31.0	37.6	35.6	40.1	39.8	35.9	31.2	31.9	23.1	29.1	3.0
<b>31</b>	---	---	37.7	35.7	---	---	35.9	31.8	25.0	21.3	---	---
<b>Month</b>	32.5	24.5	37.9	31.0	42.3	35.8	40.8	30.4	36.7	13.0	29.4	3.0

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

**TOP**  
**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
	<b>October</b>		<b>November</b>		<b>December</b>		<b>January</b>		<b>February</b>		<b>March</b>	
<b>1</b>	---	---	24,900	2,280	28,400	14,200	32,300	31,000	32,200	16,300	35,100	28,800
<b>2</b>	---	---	4,200	1,610	15,200	13,400	32,100	21,900	31,900	17,500	34,700	27,500
<b>3</b>	---	---	23,600	1,600	13,500	10,500	30,700	19,000	31,600	17,200	36,800	27,500
<b>4</b>	---	---	25,000	2,600	27,300	9,900	32,300	18,400	31,400	20,900	36,900	30,000
<b>5</b>	---	---	23,300	3,470	29,300	10,300	32,100	20,000	31,700	18,900	36,600	30,200
<b>6</b>	759	698	4,320	3,200	29,400	10,200	32,100	21,800	31,500	18,900	37,400	31,500
<b>7</b>	778	697	3,530	2,430	27,700	11,200	31,400	20,500	32,000	20,700	36,600	29,900
<b>8</b>	32,800	707	19,400	2,440	30,400	10,600	32,600	31,100	21,000	16,300	37,000	36,500
<b>9</b>	35,500	1,370	27,600	2,520	30,100	9,920	32,500	22,900	30,900	16,200	37,300	36,600
<b>10</b>	34,600	2,210	29,900	5,050	29,700	11,000	31,500	24,600	24,000	17,100	37,800	35,300
<b>11</b>	34,000	1,950	28,800	3,020	31,000	16,900	29,400	22,500	18,300	17,300	38,300	33,200
<b>12</b>	23,200	2,820	28,700	3,020	32,400	12,200	23,200	19,400	17,800	16,200	37,500	31,200
<b>13</b>	2,900	1,900	29,100	3,810	30,800	12,800	27,700	19,800	26,600	15,800	37,100	33,000
<b>14</b>	2,010	1,370	29,000	5,290	28,200	14,000	30,100	23,000	29,100	17,300	38,200	33,400
<b>15</b>	2,020	1,400	29,700	28,900	29,800	14,500	31,400	24,500	29,400	16,400	39,100	33,200
<b>16</b>	2,550	2,020	30,400	29,600	31,100	14,800	32,500	25,900	30,200	19,800	39,000	33,200
<b>17</b>	2,390	2,020	30,800	29,100	31,000	18,300	33,800	23,600	31,200	30,200	39,300	33,900
<b>18</b>	2,400	1,990	30,700	12,500	32,000	17,200	32,300	25,200	32,000	25,300	40,000	34,200
<b>19</b>	29,800	2,150	16,800	12,100	31,600	15,200	32,000	23,300	32,600	24,400	40,500	34,900
<b>20</b>	30,300	2,430	22,600	11,300	31,300	16,300	31,800	22,000	32,700	22,100	41,000	36,200
<b>21</b>	29,500	2,690	27,000	14,500	29,500	16,400	31,800	23,800	34,500	32,000	41,000	35,600
<b>22</b>	28,800	2,600	18,200	15,500	27,000	16,000	31,900	22,900	34,700	27,400	40,300	35,400
<b>23</b>	3,320	2,630	15,500	13,400	30,500	16,000	23,400	19,600	32,600	23,200	40,400	36,700
<b>24</b>	3,330	2,340	19,300	9,570	29,700	16,500	24,200	20,200	33,200	24,700	40,000	36,500
<b>25</b>	14,200	2,120	28,900	13,600	30,800	17,200	31,400	22,600	34,600	26,800	39,900	38,400
<b>26</b>	20,500	2,080	29,400	13,600	30,900	19,200	22,800	20,000	33,900	27,900	39,800	37,700
<b>27</b>	7,820	2,000	28,600	13,600	28,500	19,200	20,800	16,500	35,100	29,700	40,200	39,200
<b>28</b>	2,070	1,870	27,400	11,800	29,000	17,100	17,800	16,200	36,400	33,300	41,000	37,400
<b>29</b>	2,000	1,800	21,700	13,400	30,200	17,400	28,500	16,100	---	---	39,000	36,300
<b>30</b>	2,340	1,580	28,500	18,400	31,600	29,500	28,700	15,700	---	---	42,100	37,600
<b>31</b>	14,100	1,490	---	---	31,900	25,200	21,500	15,700	---	---	41,000	37,800
<b>Month</b>	---	---	30,800	1,600	32,400	9,900	33,800	15,700	36,400	15,800	42,100	27,500

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

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

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>
	<b>April</b>		<b>May</b>		<b>June</b>		<b>July</b>		<b>August</b>		<b>September</b>	
<b>1</b>	41,000	40,200	51,200	47,900	58,100	54,200	60,300	60,000	54,600	53,200	38,300	32,200
<b>2</b>	40,900	39,900	52,200	49,300	58,900	55,300	60,500	59,900	54,800	53,300	34,000	29,200
<b>3</b>	41,400	39,400	52,100	48,300	59,100	55,500	60,500	59,800	55,100	54,500	33,900	28,200
<b>4</b>	42,500	40,800	51,400	48,400	60,400	56,300	61,200	60,000	55,700	54,800	43,900	27,500
<b>5</b>	44,100	39,100	52,200	49,200	58,800	56,200	61,200	60,400	55,400	51,900	44,400	28,000
<b>6</b>	40,800	39,500	52,300	51,300	57,500	56,400	61,000	58,000	53,200	50,500	44,300	27,400
<b>7</b>	42,900	39,400	51,700	51,300	57,300	56,500	58,600	52,800	51,100	48,000	28,200	25,200
<b>8</b>	44,200	40,900	51,900	51,600	58,200	56,900	56,000	54,700	48,700	45,100	25,200	22,200
<b>9</b>	44,100	39,900	51,900	51,300	59,200	58,100	55,700	55,300	45,100	44,000	25,800	22,000
<b>10</b>	45,200	40,700	52,400	50,900	60,700	57,900	55,400	55,000	52,400	44,000	25,000	22,400
<b>11</b>	45,100	44,400	53,000	52,300	59,400	58,000	55,000	54,500	52,400	41,600	25,400	17,200
<b>12</b>	45,400	44,600	52,400	50,600	59,100	58,500	54,800	54,200	51,000	41,000	23,300	16,300
<b>13</b>	45,100	44,200	51,500	50,700	59,000	58,600	55,900	52,400	52,000	40,800	33,200	14,700
<b>14</b>	44,800	43,800	51,400	51,100	59,800	58,800	56,100	53,400	51,500	36,400	18,500	13,400
<b>15</b>	44,700	43,700	51,500	50,300	59,700	58,900	56,400	53,000	52,500	34,400	44,600	11,200
<b>16</b>	45,600	44,200	51,000	50,500	59,700	59,200	57,000	54,400	51,300	32,900	43,400	13,800
<b>17</b>	45,300	44,500	51,500	50,700	60,000	59,400	57,100	53,200	48,600	33,000	17,300	13,100
<b>18</b>	44,700	44,000	51,500	50,800	60,500	59,600	53,300	49,600	47,000	35,800	15,100	11,900
<b>19</b>	45,900	44,600	51,900	51,200	60,600	60,000	55,000	49,800	50,400	35,300	15,000	14,200
<b>20</b>	46,000	44,900	52,000	51,600	60,800	60,200	54,500	47,500	51,600	34,800	34,700	14,000
<b>21</b>	45,300	45,000	52,300	51,700	60,900	60,400	49,200	48,300	36,800	34,200	30,600	14,200
<b>22</b>	45,400	44,900	52,500	52,100	62,300	60,700	49,300	48,600	47,300	30,500	40,900	13,900
<b>23</b>	48,800	45,300	52,900	52,500	62,100	60,500	49,200	48,800	51,700	26,100	41,400	14,800
<b>24</b>	49,300	45,600	53,600	52,700	61,900	61,100	49,400	49,100	51,200	23,900	40,600	10,400
<b>25</b>	49,700	45,800	55,500	53,000	62,400	61,400	55,100	48,800	50,100	22,900	40,500	9,790
<b>26</b>	49,400	46,300	55,400	53,700	62,600	61,700	55,700	50,100	51,000	47,300	41,800	13,300
<b>27</b>	49,900	49,100	54,200	53,500	63,200	62,000	54,100	50,900	52,000	49,600	33,400	12,500
<b>28</b>	50,000	48,500	55,000	53,900	62,600	61,400	54,200	49,900	51,500	46,400	28,800	8,920
<b>29</b>	49,900	47,800	56,800	54,400	62,100	59,000	49,900	48,500	51,400	38,700	14,000	8,640
<b>30</b>	49,200	48,000	56,700	53,900	60,100	59,800	53,700	48,200	50,700	37,400	17,800	5,770
<b>31</b>	---	---	56,700	54,000	---	---	54,400	49,000	40,600	35,200	---	---
<b>Month</b>	50,000	39,100	56,800	47,900	63,200	54,200	61,200	47,500	55,700	22,900	44,600	5,770

**251209080350100 MUD CREEK AT THE MOUTH 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
	<b>October</b>		<b>November</b>		<b>December</b>		<b>January</b>		<b>February</b>		<b>March</b>	
<b>1</b>	---	---	24,300	2,300	28,400	14,200	31,900	31,000	32,000	16,700	35,100	28,600
<b>2</b>	---	---	17,900	1,590	15,200	13,400	31,500	23,000	31,800	19,800	34,300	27,100
<b>3</b>	---	---	23,700	1,580	20,400	10,500	30,200	18,700	31,700	16,800	36,300	27,100
<b>4</b>	---	---	24,400	2,560	27,400	9,960	32,000	18,600	31,500	24,200	36,300	29,600
<b>5</b>	---	---	22,600	3,400	29,300	10,500	32,000	20,000	31,700	19,000	36,100	29,800
<b>6</b>	700	640	4,230	3,150	29,400	10,200	31,800	23,000	31,500	19,000	37,100	31,100
<b>7</b>	720	640	3,470	2,390	29,200	11,300	31,400	22,900	32,000	20,900	36,200	29,600
<b>8</b>	32,300	650	21,200	2,410	30,600	10,700	32,100	30,800	29,300	16,800	36,600	35,400
<b>9</b>	33,500	2,210	27,700	2,500	30,200	10,000	32,000	22,700	31,100	16,900	37,000	36,300
<b>10</b>	32,100	2,100	29,200	25,500	30,100	11,000	31,200	24,400	29,400	17,400	37,200	34,800
<b>11</b>	31,600	1,970	28,300	3,000	31,200	27,300	30,200	22,400	21,400	17,900	37,700	32,700
<b>12</b>	27,000	2,660	28,900	3,000	32,700	16,900	23,000	22,100	18,000	17,400	37,100	30,700
<b>13</b>	3,310	1,800	28,900	3,790	31,700	12,800	30,000	22,500	29,800	16,900	36,600	31,700
<b>14</b>	3,380	1,290	28,500	7,590	31,000	14,100	31,000	22,700	29,600	17,800	37,700	32,900
<b>15</b>	1,920	1,320	29,500	28,500	30,600	14,500	31,100	24,300	29,800	16,600	38,400	32,800
<b>16</b>	2,430	1,920	30,100	29,400	31,100	21,700	32,100	28,500	30,500	21,800	38,300	32,700
<b>17</b>	2,280	1,920	30,600	28,900	31,100	30,200	33,600	23,400	31,300	30,100	38,700	33,300
<b>18</b>	7,490	1,910	30,600	12,400	32,200	17,500	32,200	30,700	32,300	26,800	39,300	33,700
<b>19</b>	28,600	2,100	16,700	12,000	31,900	15,200	31,800	23,300	33,700	25,300	39,800	34,300
<b>20</b>	29,200	2,390	22,400	11,300	31,500	16,300	31,700	22,100	33,400	22,500	40,200	35,900
<b>21</b>	28,800	2,600	28,600	14,400	30,000	16,500	31,700	23,800	34,300	32,300	40,200	34,900
<b>22</b>	28,000	2,520	27,700	15,400	30,900	16,100	31,800	22,800	34,400	28,600	39,600	34,700
<b>23</b>	3,210	2,560	15,400	13,300	30,700	16,100	24,000	22,000	33,400	23,600	39,600	36,100
<b>24</b>	3,220	2,270	29,400	9,570	29,700	16,300	27,300	21,900	33,200	24,900	39,200	35,900
<b>25</b>	22,100	2,070	29,100	14,100	30,800	27,700	31,400	22,400	34,100	26,600	39,100	37,800
<b>26</b>	24,400	2,030	29,200	27,400	30,900	19,100	22,700	19,900	34,000	28,000	39,000	37,100
<b>27</b>	24,100	1,960	28,900	14,900	30,200	19,100	20,600	17,700	34,800	30,700	39,400	38,800
<b>28</b>	2,020	1,840	27,800	11,900	29,500	17,000	19,200	17,200	36,000	33,800	40,100	36,900
<b>29</b>	4,750	1,760	24,400	13,400	30,300	17,400	30,500	16,200	---	---	38,700	36,400
<b>30</b>	12,600	1,560	28,600	18,400	31,200	30,000	30,400	15,700	---	---	41,500	37,000
<b>31</b>	22,900	1,460	---	---	31,400	29,300	28,800	15,800	---	---	40,600	37,000
<b>Month</b>	---	---	30,600	1,580	32,700	9,960	33,600	15,700	36,000	16,600	41,500	27,100

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

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

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>
	<b>April</b>		<b>May</b>		<b>June</b>		<b>July</b>		<b>August</b>		<b>September</b>	
<b>1</b>	40,300	39,400	50,700	47,600	58,200	54,100	60,000	59,500	54,200	52,500	37,100	31,200
<b>2</b>	40,000	39,100	51,600	48,900	58,800	55,100	60,000	59,300	54,300	52,400	33,100	28,500
<b>3</b>	40,300	38,500	51,600	47,800	58,900	55,000	60,000	59,600	54,600	54,000	35,200	27,500
<b>4</b>	41,400	39,800	51,000	47,900	60,500	56,600	60,700	59,500	55,300	54,400	44,600	27,300
<b>5</b>	43,000	38,600	51,300	48,500	60,000	56,500	60,700	59,900	54,800	51,200	43,200	27,800
<b>6</b>	39,900	38,600	51,600	50,300	58,000	56,400	60,500	57,500	52,400	49,700	43,300	26,600
<b>7</b>	41,900	38,500	50,600	50,300	57,700	56,500	58,100	52,400	50,800	47,300	27,500	24,500
<b>8</b>	43,300	40,100	50,800	50,400	58,000	56,800	55,500	54,400	47,900	44,500	27,400	21,900
<b>9</b>	43,000	39,100	50,900	50,100	58,900	57,900	55,200	54,700	44,600	43,300	24,900	21,300
<b>10</b>	44,000	39,600	51,000	49,600	60,200	57,500	55,400	54,400	51,400	43,100	40,400	21,700
<b>11</b>	44,000	43,400	51,500	50,800	58,900	57,600	54,700	54,200	51,200	40,600	24,500	16,600
<b>12</b>	44,400	43,600	50,900	49,000	58,900	58,300	54,500	54,000	50,000	40,400	22,500	15,800
<b>13</b>	44,000	43,200	49,800	49,200	58,500	58,300	55,700	52,200	50,700	39,900	44,000	14,200
<b>14</b>	43,600	43,000	49,700	49,400	59,400	58,200	55,700	52,900	50,900	35,400	42,200	13,000
<b>15</b>	43,400	43,000	49,500	48,300	59,300	58,600	55,700	52,400	51,200	33,300	44,300	11,400
<b>16</b>	44,300	43,000	48,800	48,400	59,300	58,800	56,400	53,600	50,100	32,000	44,100	13,400
<b>17</b>	44,100	43,400	49,000	48,400	59,600	58,900	56,300	52,500	47,300	32,000	27,800	12,500
<b>18</b>	43,500	42,800	49,100	48,400	60,000	59,300	53,900	48,900	45,500	34,600	34,200	11,700
<b>19</b>	45,700	43,300	49,300	48,800	60,200	59,800	54,300	49,100	48,400	33,500	40,000	13,600
<b>20</b>	45,700	44,400	49,600	49,100	60,400	60,100	54,300	46,800	49,000	32,900	41,300	13,600
<b>21</b>	44,800	44,500	49,800	49,300	60,400	60,100	48,500	47,500	45,800	32,200	39,100	15,500
<b>22</b>	44,900	44,500	49,900	49,600	61,900	60,300	48,500	47,800	46,100	28,800	42,000	15,300
<b>23</b>	48,400	44,900	50,900	49,900	61,700	60,000	48,500	48,000	49,600	26,600	41,000	17,900
<b>24</b>	49,000	45,200	52,100	50,900	61,400	60,600	48,600	48,400	49,700	23,600	44,000	10,700
<b>25</b>	49,400	45,400	54,300	52,000	61,900	60,800	55,100	48,000	48,700	21,600	45,400	10,000
<b>26</b>	49,000	45,800	54,600	53,700	62,100	61,100	55,200	50,000	49,200	45,900	43,700	13,500
<b>27</b>	49,300	48,600	54,200	53,400	62,600	61,500	53,700	50,800	49,900	48,300	43,700	12,000
<b>28</b>	49,600	48,000	54,900	53,900	62,000	60,900	53,900	49,400	49,500	47,900	45,000	8,620
<b>29</b>	49,500	47,400	56,800	54,400	61,500	58,800	49,400	48,100	49,500	38,500	38,900	8,250
<b>30</b>	48,800	47,600	56,500	53,800	59,700	59,300	54,200	47,800	48,800	36,500	44,900	5,510
<b>31</b>	---	---	56,600	53,900	---	---	54,200	48,700	39,200	34,000	---	---
<b>Month</b>	49,600	38,500	56,800	47,600	62,600	54,100	60,700	46,800	55,300	21,600	45,400	5,510

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

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

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>
	<b>October</b>		<b>November</b>		<b>December</b>		<b>January</b>		<b>February</b>		<b>March</b>	
<b>1</b>	---	---	29.7	27.4	26.4	23.6	21.7	17.7	24.8	20.7	27.6	24.2
<b>2</b>	---	---	28.7	26.7	23.6	20.2	23.5	19.6	25.6	21.7	26.2	23.4
<b>3</b>	---	---	27.4	26.0	20.2	17.5	23.2	20.0	27.1	22.8	24.1	20.5
<b>4</b>	---	---	26.8	25.3	21.2	16.8	24.1	20.6	26.4	23.2	22.8	19.0
<b>5</b>	---	---	26.0	22.3	21.5	17.9	24.8	21.5	26.5	23.1	24.7	19.1
<b>6</b>	27.0	24.9	22.3	18.7	20.3	16.2	24.1	21.8	27.0	23.0	26.5	21.5
<b>7</b>	25.4	23.4	19.8	16.5	17.0	13.6	21.8	19.2	27.5	23.9	26.5	22.2
<b>8</b>	27.0	23.1	18.9	17.4	17.1	13.0	21.8	18.4	25.7	22.9	27.0	22.4
<b>9</b>	27.7	24.1	22.3	17.1	15.0	13.0	21.0	18.0	25.2	20.7	26.8	22.7
<b>10</b>	28.3	24.8	23.7	18.7	17.2	12.3	22.4	19.6	27.1	22.8	26.2	23.5
<b>11</b>	28.1	25.5	23.8	19.9	19.0	14.6	25.3	20.5	24.9	22.6	24.1	20.2
<b>12</b>	27.2	26.0	23.1	20.4	19.5	16.2	23.2	17.4	22.6	17.0	22.9	17.9
<b>13</b>	28.4	25.6	24.4	20.7	18.2	15.4	17.9	14.2	19.8	14.7	24.4	19.7
<b>14</b>	27.7	27.0	24.8	21.6	15.5	11.8	19.0	14.0	21.1	15.8	25.3	20.7
<b>15</b>	27.9	25.9	24.8	21.8	13.8	9.7	20.1	15.6	22.0	16.0	27.1	21.1
<b>16</b>	27.1	24.9	25.3	22.7	16.1	10.4	21.4	16.3	23.2	17.5	27.0	21.8
<b>17</b>	27.0	24.5	27.1	23.8	18.4	13.9	20.1	19.0	24.6	19.1	27.3	22.6
<b>18</b>	27.2	24.8	26.1	24.7	19.1	16.5	23.3	19.0	25.1	20.6	26.8	22.9
<b>19</b>	29.6	25.3	25.0	22.9	19.6	17.7	24.8	21.8	25.2	20.9	26.2	21.8
<b>20</b>	28.4	26.0	25.8	21.7	19.3	16.7	26.2	22.5	24.9	20.6	26.2	22.1
<b>21</b>	29.5	26.1	25.9	22.9	19.7	16.3	25.5	23.2	26.0	21.3	26.2	22.6
<b>22</b>	28.4	26.2	25.0	23.6	20.5	16.9	24.4	19.8	27.3	22.4	27.0	22.1
<b>23</b>	27.4	26.2	25.6	22.9	21.1	17.8	19.8	16.9	27.4	23.4	27.7	22.2
<b>24</b>	28.9	25.9	25.7	22.9	19.9	16.8	19.9	17.9	27.1	23.7	28.0	23.4
<b>25</b>	28.6	26.5	25.6	23.7	21.4	17.5	21.9	19.2	26.2	22.3	28.9	23.4
<b>26</b>	29.0	27.0	25.5	23.4	19.6	16.0	21.9	20.3	26.3	23.4	29.5	24.4
<b>27</b>	30.0	27.2	26.6	24.1	16.6	14.2	20.9	18.6	27.8	22.9	29.2	24.5
<b>28</b>	30.3	27.8	26.2	23.9	15.6	11.5	19.0	16.4	27.4	23.1	30.0	25.7
<b>29</b>	30.4	27.6	27.4	24.2	16.3	11.6	20.6	15.5	---	---	30.0	25.0
<b>30</b>	29.5	27.2	26.9	25.1	18.5	14.6	22.4	15.9	---	---	29.5	26.0
<b>31</b>	30.1	26.8	---	---	20.4	16.4	23.4	17.9	---	---	30.3	26.4
<b>Month</b>	---	---	29.7	16.5	26.4	9.7	26.2	14.0	27.8	14.7	30.3	17.9

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

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

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>
<b>April</b>		<b>May</b>		<b>June</b>		<b>July</b>		<b>August</b>		<b>September</b>		
<b>1</b>	29.2	26.1	30.1	26.5	31.2	26.1	31.4	28.4	33.9	29.8	31.8	29.4
<b>2</b>	29.8	25.2	30.1	25.1	30.9	26.2	31.4	28.5	34.2	30.8	30.8	28.6
<b>3</b>	31.0	26.9	29.7	25.8	30.7	26.7	32.0	28.6	34.3	31.2	32.2	28.4
<b>4</b>	29.7	25.4	31.2	26.6	30.0	26.0	31.5	28.5	34.5	31.0	32.6	29.8
<b>5</b>	28.9	25.4	30.7	26.6	31.0	25.7	32.6	28.8	34.8	31.3	33.2	29.4
<b>6</b>	28.3	24.8	30.6	26.0	31.6	26.6	31.4	28.4	33.9	31.5	32.6	29.6
<b>7</b>	30.0	25.2	31.4	26.3	30.8	26.4	28.5	26.8	33.3	30.6	33.1	30.1
<b>8</b>	30.7	25.6	31.9	27.3	29.9	25.9	30.3	26.2	31.3	29.3	32.9	30.1
<b>9</b>	31.1	26.1	31.9	27.7	28.3	26.0	31.2	28.4	31.0	28.6	34.4	30.9
<b>10</b>	31.4	26.8	31.9	27.5	30.7	25.9	32.9	29.2	31.9	29.3	34.1	31.2
<b>11</b>	31.3	25.8	32.1	26.3	31.4	27.2	33.6	30.1	31.1	28.3	34.4	30.2
<b>12</b>	31.3	26.6	30.6	27.7	32.0	28.2	33.8	30.7	31.6	28.5	32.4	29.9
<b>13</b>	29.8	27.0	30.7	26.2	33.3	29.2	34.9	30.5	34.5	29.7	34.1	29.3
<b>14</b>	29.5	24.8	30.5	26.8	34.1	30.3	35.1	31.4	35.4	29.6	32.2	29.3
<b>15</b>	30.1	25.6	28.6	26.8	33.2	29.9	35.1	30.9	34.2	30.2	34.1	29.0
<b>16</b>	30.2	26.6	28.8	25.8	32.6	29.3	35.1	31.2	33.6	29.5	33.3	29.3
<b>17</b>	31.3	27.6	29.3	26.0	33.2	29.2	34.9	30.9	34.2	30.6	32.2	29.2
<b>18</b>	30.9	27.6	30.3	26.4	33.4	29.2	34.3	29.5	33.4	30.6	31.4	28.8
<b>19</b>	30.4	26.9	32.2	27.9	33.5	30.6	34.2	30.0	31.2	29.3	32.4	29.3
<b>20</b>	30.0	26.6	32.2	28.7	32.3	29.8	35.1	29.9	31.7	28.4	32.1	29.7
<b>21</b>	29.5	25.7	33.1	28.6	32.5	29.8	34.7	31.0	32.6	29.5	31.1	28.9
<b>22</b>	29.5	25.4	31.6	28.9	33.6	29.1	33.8	31.4	33.2	30.6	30.2	28.4
<b>23</b>	29.2	24.1	30.7	28.1	33.7	28.8	33.9	30.9	33.5	30.4	31.6	28.2
<b>24</b>	30.0	24.7	31.1	27.0	32.7	29.5	34.0	30.5	32.5	29.3	32.3	29.2
<b>25</b>	30.8	26.1	31.8	27.0	33.1	28.9	33.9	30.7	31.2	28.6	31.7	28.7
<b>26</b>	31.5	26.8	31.4	26.5	32.6	29.0	33.3	29.2	31.2	28.8	29.6	27.3
<b>27</b>	31.7	26.9	31.8	27.2	32.2	28.8	31.7	29.4	31.3	29.4	29.9	26.9
<b>28</b>	32.0	27.3	32.9	28.3	30.9	29.0	32.7	28.8	31.3	29.2	32.4	28.3
<b>29</b>	32.9	28.5	31.2	27.6	30.4	28.1	32.8	29.5	31.1	29.1	30.8	29.2
<b>30</b>	30.4	27.8	30.4	27.4	30.7	27.3	33.3	29.6	30.6	29.0	33.4	28.9
<b>31</b>	---	---	30.4	26.8	---	---	33.5	30.2	31.3	28.2	---	---
<b>Month</b>	32.9	24.1	33.1	25.1	34.1	25.7	35.1	26.2	35.4	28.2	34.4	26.9

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

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

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>
	<b>October</b>		<b>November</b>		<b>December</b>		<b>January</b>		<b>February</b>		<b>March</b>	
<b>1</b>	---	---	29.8	27.3	26.2	23.5	21.2	17.6	24.5	20.8	27.4	23.8
<b>2</b>	---	---	28.5	26.5	23.5	20.1	23.2	19.5	25.4	21.4	26.0	23.2
<b>3</b>	---	---	27.4	25.9	20.8	17.4	24.0	19.8	26.9	22.7	23.9	20.4
<b>4</b>	---	---	26.6	25.1	21.0	16.6	23.9	20.6	26.2	23.0	22.7	18.8
<b>5</b>	---	---	25.9	22.1	21.4	17.8	24.5	21.4	26.3	22.9	24.5	19.0
<b>6</b>	26.9	24.7	22.1	18.5	20.2	16.2	23.9	21.6	27.6	22.8	26.1	21.4
<b>7</b>	25.3	23.2	19.6	16.4	17.5	13.5	21.6	19.1	27.0	23.7	26.3	22.1
<b>8</b>	26.8	23.0	18.7	17.3	16.9	13.2	21.6	18.3	26.2	22.8	26.8	22.3
<b>9</b>	27.5	24.0	22.0	17.2	14.9	12.8	21.3	17.9	25.0	20.3	26.5	22.6
<b>10</b>	28.2	25.3	23.6	19.1	17.0	12.2	22.3	19.5	26.7	22.7	25.8	23.3
<b>11</b>	28.9	25.3	23.7	20.5	18.7	14.5	25.2	20.3	24.7	22.5	23.9	20.1
<b>12</b>	27.1	25.8	23.8	20.2	19.2	16.0	23.0	17.2	22.5	16.9	22.7	17.8
<b>13</b>	28.2	25.4	24.1	20.5	18.2	15.5	17.7	14.1	19.3	14.5	24.1	19.6
<b>14</b>	27.5	26.8	24.6	21.4	15.5	11.6	18.5	13.8	20.8	15.7	25.1	20.6
<b>15</b>	27.7	25.7	24.6	21.7	14.3	9.6	19.9	15.5	21.7	15.8	26.9	20.9
<b>16</b>	26.9	24.7	25.1	22.5	15.9	10.6	21.2	16.2	22.9	17.6	26.8	21.7
<b>17</b>	26.8	24.3	26.9	23.6	17.9	13.8	20.0	18.8	24.4	18.9	27.0	22.4
<b>18</b>	27.0	24.7	26.0	24.7	18.8	16.4	23.1	18.8	24.9	20.4	26.6	22.7
<b>19</b>	29.5	25.1	24.8	22.7	19.8	17.6	24.4	21.6	25.0	20.8	26.0	21.7
<b>20</b>	28.4	25.9	25.6	21.6	19.2	16.5	26.1	22.4	24.8	20.5	26.1	21.7
<b>21</b>	29.3	25.9	25.7	22.8	19.6	16.1	25.2	23.1	25.8	21.1	26.0	22.4
<b>22</b>	28.3	26.1	24.8	23.4	20.5	16.7	24.3	19.7	27.2	22.2	26.7	22.0
<b>23</b>	27.3	26.0	25.5	22.8	21.1	17.7	19.7	16.8	27.3	23.3	27.5	22.1
<b>24</b>	28.7	25.7	26.4	22.7	19.8	16.6	19.8	17.8	26.8	23.5	27.8	23.2
<b>25</b>	28.8	26.3	25.4	23.8	21.2	17.4	21.7	18.9	26.7	22.1	28.6	23.2
<b>26</b>	29.0	27.0	25.3	23.2	19.4	16.3	21.8	20.2	26.6	23.1	29.3	24.2
<b>27</b>	29.8	27.1	26.4	23.9	17.0	14.1	20.7	18.4	27.5	22.8	29.0	24.3
<b>28</b>	30.1	27.7	26.0	23.7	15.5	11.4	18.8	16.3	27.2	22.9	29.5	25.5
<b>29</b>	30.2	27.4	27.2	23.9	16.2	11.4	20.3	15.6	---	---	29.8	24.8
<b>30</b>	29.3	27.1	26.7	24.9	18.3	14.4	22.0	15.8	---	---	29.3	25.8
<b>31</b>	30.7	26.6	---	---	20.1	16.2	23.7	17.8	---	---	30.0	26.3
<b>Month</b>	---	---	29.8	16.4	26.2	9.6	26.1	13.8	27.6	14.5	30.0	17.8

**251209080350100 MUD CREEK AT THE MOUTH NEAR HOMESTEAD, FL—Continued**

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

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>	<b>Max</b>	<b>Min</b>
	<b>April</b>		<b>May</b>		<b>June</b>		<b>July</b>		<b>August</b>		<b>September</b>	
<b>1</b>	29.1	26.0	30.0	26.3	30.9	25.9	31.3	28.2	33.7	29.6	31.6	29.2
<b>2</b>	29.6	25.1	30.0	24.9	30.7	26.1	31.2	28.3	34.1	30.6	30.6	28.5
<b>3</b>	30.8	26.7	29.6	25.7	30.8	26.5	31.8	28.4	34.1	31.0	32.0	28.3
<b>4</b>	29.5	25.2	30.9	26.4	29.9	25.9	31.3	28.4	34.3	30.8	32.4	29.9
<b>5</b>	28.7	25.2	30.6	26.4	31.1	25.6	32.4	28.6	34.6	31.1	33.0	29.2
<b>6</b>	28.1	24.7	30.5	25.8	31.4	26.4	31.2	28.2	33.7	31.3	32.4	29.4
<b>7</b>	29.7	25.1	31.3	26.1	30.7	26.2	28.3	26.6	33.4	30.4	32.9	29.9
<b>8</b>	30.4	25.4	31.7	27.1	29.8	25.7	30.1	26.0	31.1	29.1	32.7	29.9
<b>9</b>	30.9	25.7	31.7	27.5	28.1	25.8	31.0	28.2	30.8	28.4	34.2	30.7
<b>10</b>	31.2	26.7	31.7	27.3	30.5	25.8	32.7	29.0	31.7	29.1	34.8	31.0
<b>11</b>	31.1	25.7	31.9	26.1	31.2	27.0	33.4	30.0	30.8	28.1	34.1	30.0
<b>12</b>	31.2	26.4	30.4	27.5	31.8	28.0	33.4	30.6	31.4	28.4	32.2	29.7
<b>13</b>	29.6	26.8	30.5	26.0	33.1	29.0	34.7	30.3	34.3	29.5	34.1	29.1
<b>14</b>	29.3	24.7	30.3	26.7	34.0	30.1	34.9	31.2	35.2	29.4	33.3	29.1
<b>15</b>	29.9	25.4	28.5	26.6	33.0	29.7	35.0	30.7	34.1	30.1	33.9	28.9
<b>16</b>	30.0	26.4	28.7	25.6	32.5	29.1	34.9	31.0	33.4	29.3	33.8	29.3
<b>17</b>	31.1	27.4	29.1	25.9	33.0	29.1	34.7	30.7	34.1	30.4	32.3	29.0
<b>18</b>	30.7	27.4	30.1	26.2	33.2	29.1	34.3	29.3	33.5	30.5	31.9	28.7
<b>19</b>	30.2	26.8	32.0	27.7	33.3	30.4	34.1	29.9	31.0	29.2	33.2	28.9
<b>20</b>	29.9	26.5	31.9	28.5	31.9	29.6	35.0	29.7	31.5	28.3	32.2	30.0
<b>21</b>	29.3	25.5	32.9	28.5	32.1	29.6	34.5	30.8	32.4	29.4	30.9	28.7
<b>22</b>	29.3	25.2	31.4	28.7	33.4	28.9	33.6	31.3	33.1	30.4	30.0	28.3
<b>23</b>	29.1	23.9	30.5	27.9	33.5	28.7	33.7	30.7	33.5	30.3	31.4	28.0
<b>24</b>	29.8	24.5	31.0	26.9	32.5	29.3	33.8	30.4	32.3	29.4	32.1	29.1
<b>25</b>	30.6	25.8	31.6	26.9	32.9	28.7	33.7	30.5	31.0	28.4	31.7	28.5
<b>26</b>	31.3	26.6	31.3	26.3	32.4	28.8	33.1	28.9	31.0	28.6	29.4	27.6
<b>27</b>	31.5	26.7	31.6	27.0	32.1	28.6	31.6	29.2	31.1	29.2	29.9	26.8
<b>28</b>	31.8	27.1	32.7	28.1	30.7	28.8	32.5	28.6	31.1	29.2	32.4	28.1
<b>29</b>	32.7	28.3	31.1	27.3	30.2	28.0	32.6	29.3	30.9	28.9	31.9	29.0
<b>30</b>	30.2	27.6	30.3	27.3	30.5	27.1	32.9	29.4	30.4	28.8	33.4	28.7
<b>31</b>	---	---	30.2	26.6	---	---	33.4	29.8	31.1	28.0	---	---
<b>Month</b>	32.7	23.9	32.9	24.9	34.0	25.6	35.0	26.0	35.2	28.0	34.8	26.8