



Water-Data Report 2009

**251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°17'40", long 80°31'12" referenced to North American Datum of 1983, Miami-Dade County, FL, Hydrologic Unit 03090202.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

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

GAGE.--Satellite data collection platform with shallow-vented pressure transducer. Datum of gage is North American Vertical Datum of 1988 (NAVD 88).

REMARKS.--Records good. During periods in the dry season, water levels are too low or non-existent for sensor to record. Gage height records are available in the files of the U.S. Geological Survey. Gage height 15 minute 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.--

GAGE HEIGHT: Maximum gage height, 1.78 ft Aug. 28, 2005; minimum, 0.06 ft Jan. 15, 16, 2006 and May 31, 2007.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 0.98 ft Oct. 11; minimum, 0.13 ft Jan. 18 and May 26.

## 251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.78	0.70	0.48	0.33	---	---	---	---	0.66	0.59	0.57	0.68
2	0.79	0.68	0.47	0.33	---	---	---	---	0.64	0.60	0.54	0.70
3	0.76	0.68	0.47	0.32	---	---	---	---	0.60	0.57	0.52	0.78
4	0.82	0.68	0.48	0.31	---	---	---	---	0.56	0.55	0.51	0.88
5	0.83	0.67	0.48	0.31	---	---	---	---	0.57	0.55	0.50	0.88
6	0.84	0.65	0.48	0.31	---	---	---	---	0.55	0.56	0.52	0.91
7	0.83	0.65	0.48	0.31	---	---	---	---	0.56	0.53	0.51	0.85
8	0.81	0.64	0.47	0.30	---	---	---	---	0.56	0.51	0.50	0.77
9	0.79	0.63	0.46	0.28	---	---	---	---	0.62	0.48	0.48	0.76
10	0.78	0.62	0.46	0.26	---	---	---	---	0.69	0.46	0.46	0.81
11	0.83	0.61	0.47	0.24	---	---	---	---	0.67	0.51	0.48	0.83
12	0.90	0.62	0.47	0.23	---	---	---	---	0.66	0.47	0.50	0.83
13	0.86	0.64	0.46	0.21	---	---	---	---	0.63	0.45	0.48	0.84
14	0.84	0.62	0.45	0.20	---	---	---	---	0.61	0.47	0.48	0.86
15	0.83	0.61	0.45	0.18	---	---	---	---	0.66	0.48	0.54	0.89
16	0.83	0.58	0.45	0.16	---	---	---	---	0.66	0.46	0.64	0.94
17	0.81	0.56	0.44	0.14	---	---	---	---	0.62	0.44	0.68	0.89
18	0.80	0.53	0.44	---	---	---	---	---	0.62	0.43	0.70	0.85
19	0.79	0.51	0.43	---	---	---	---	---	0.60	0.40	0.69	0.86
20	0.76	0.50	0.43	---	---	---	---	---	0.63	0.46	0.67	0.88
21	0.74	0.48	0.42	---	---	---	---	---	0.65	0.52	0.65	0.84
22	0.72	0.47	0.41	---	---	---	---	---	0.60	0.48	0.63	0.79
23	0.74	0.46	0.40	---	---	---	---	---	0.59	0.46	0.61	0.75
24	0.79	0.45	0.41	---	---	---	---	---	0.68	0.44	0.60	0.75
25	0.78	0.46	0.42	---	---	---	---	---	0.65	0.51	0.64	0.78
26	0.83	0.45	0.41	---	---	---	---	---	0.61	0.61	0.64	0.76
27	0.84	0.44	0.38	---	---	---	---	0.25	0.59	0.63	0.64	0.82
28	0.79	0.43	0.37	---	---	---	---	0.30	0.58	0.62	0.65	0.89
29	0.75	0.43	0.35	---	---	---	---	0.48	0.60	0.62	0.66	0.88
30	0.73	0.44	0.35	---	---	---	---	0.63	0.57	0.63	0.67	0.87
31	0.71	---	0.34	---	---	---	---	0.68	---	0.60	0.66	---
<b>Mean</b>	0.80	0.56	0.43	---	---	---	---	---	0.62	0.52	0.58	0.83
<b>Max</b>	0.90	0.70	0.48	---	---	---	---	---	0.69	0.63	0.70	0.94
<b>Min</b>	0.71	0.43	0.34	---	---	---	---	---	0.55	0.40	0.46	0.68

**251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SALINITY: October 2003 to current year.

SPECIFIC CONDUCTANCE: October 2003 to current year.

WATER TEMPERATURE: October 2003 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Specific conductance and salinity record rated excellent except for the following period: Jan. 18 to May 26 data missing. Water temperature record rated excellent except for the following period: Jan. 18 to May 26 data missing. During periods of missing record, values may be higher or lower than the listed extremes. Specific conductance, salinity and water temperature records are available in the files of the U.S. Geological Survey. 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.--

SALINITY: Maximum recorded, 0.5 ppt May 28, 2009; minimum recorded, 0.1 ppt Aug. 25, 2005, May 26, 2009, July 30, 2009 and Sept. 3, 2009.

SPECIFIC CONDUCTANCE: Maximum recorded, 969  $\mu\text{S}/\text{cm}$  May 28, 2009; minimum recorded, 57  $\mu\text{S}/\text{cm}$  Aug. 25, 2005.

WATER TEMPERATURE: Maximum recorded, 38.5°C Aug. 5, 2007; minimum recorded, 9.5 °C Jan. 8, 2006.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 0.5 ppt May 28; minimum recorded, 0.1 ppt May 26, July 30, and Sept. 3.

SPECIFIC CONDUCTANCE: Maximum recorded, 969  $\mu\text{S}/\text{cm}$  May 28; minimum recorded, 208  $\mu\text{S}/\text{cm}$  May 26.

WATER TEMPERATURE: Maximum recorded, 36.8°C June 13 and Aug. 23; minimum recorded, 13.0°C Jan. 17.

## 251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
29	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
31	0.2	0.2	0.2	---	---	---	0.2	0.2	0.2	---	---	---
Month	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---

251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	0.4	0.3	0.4
28	---	---	---	---	---	---	---	---	---	0.5	0.4	0.4
29	---	---	---	---	---	---	---	---	---	0.4	0.2	0.3
30	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
31	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
Month	---	---	---	---	---	---	---	---	---	---	---	---

## 251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	---	---	---	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---
<b>Month</b>	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2

## 251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
	<b>October</b>			<b>November</b>			<b>December</b>			<b>January</b>		
<b>1</b>	462	441	451	488	467	480	517	496	510	539	533	536
<b>2</b>	464	446	456	496	477	488	518	510	513	541	534	537
<b>3</b>	472	455	465	508	489	501	524	509	517	544	537	539
<b>4</b>	469	431	442	514	492	506	522	507	515	545	538	541
<b>5</b>	459	441	450	513	483	501	522	506	515	549	539	544
<b>6</b>	475	457	466	508	472	493	519	501	511	551	544	547
<b>7</b>	485	470	478	504	477	492	518	501	510	553	542	548
<b>8</b>	497	478	487	500	473	488	516	499	509	557	546	549
<b>9</b>	511	493	503	495	471	485	517	500	509	560	546	550
<b>10</b>	513	501	507	495	471	485	518	504	512	562	544	551
<b>11</b>	514	399	478	494	472	485	522	498	514	565	547	553
<b>12</b>	447	417	431	494	451	479	522	507	515	571	550	557
<b>13</b>	446	422	433	480	460	472	523	507	516	577	551	561
<b>14</b>	438	424	429	481	456	471	526	511	518	571	553	563
<b>15</b>	447	436	442	483	457	472	531	516	524	571	555	562
<b>16</b>	455	438	441	484	456	472	534	515	525	574	556	564
<b>17</b>	489	455	477	492	471	482	533	517	525	590	560	568
<b>18</b>	499	489	494	502	481	493	533	516	525	---	---	---
<b>19</b>	506	491	501	508	486	497	532	518	525	---	---	---
<b>20</b>	509	491	502	506	488	497	533	517	525	---	---	---
<b>21</b>	515	493	506	509	491	501	532	520	526	---	---	---
<b>22</b>	510	498	506	512	496	504	535	521	528	---	---	---
<b>23</b>	514	450	494	516	499	507	535	522	529	---	---	---
<b>24</b>	481	469	475	520	502	512	535	522	529	---	---	---
<b>25</b>	484	469	477	522	505	514	535	514	524	---	---	---
<b>26</b>	480	403	442	523	510	516	533	519	526	---	---	---
<b>27</b>	432	417	424	526	512	519	533	520	526	---	---	---
<b>28</b>	450	425	440	535	512	521	532	522	527	---	---	---
<b>29</b>	471	450	461	528	513	521	542	525	532	---	---	---
<b>30</b>	478	463	469	527	490	518	535	529	531	---	---	---
<b>31</b>	482	470	478	---	---	---	537	531	533	---	---	---
<b>Month</b>	515	399	468	535	451	496	542	496	521	---	---	---

251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	841	744	790
28	---	---	---	---	---	---	---	---	---	969	832	913
29	---	---	---	---	---	---	---	---	---	905	492	673
30	---	---	---	---	---	---	---	---	---	544	445	496
31	---	---	---	---	---	---	---	---	---	466	420	444
Month	---	---	---	---	---	---	---	---	---	---	---	---

## 251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

<b>Day</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>	<b>Max</b>	<b>Min</b>	<b>Mean</b>
	<b>June</b>			<b>July</b>			<b>August</b>			<b>September</b>		
<b>1</b>	441	419	432	465	441	454	399	365	382	484	468	479
<b>2</b>	455	433	444	450	423	437	418	388	404	485	461	476
<b>3</b>	512	455	487	448	422	438	433	401	420	478	338	438
<b>4</b>	538	512	528	463	438	449	451	417	435	411	368	390
<b>5</b>	538	501	518	471	433	457	460	417	446	402	365	383
<b>6</b>	539	492	524	474	434	448	477	415	453	408	386	399
<b>7</b>	534	503	517	463	440	452	467	436	456	416	396	408
<b>8</b>	535	501	520	471	453	462	472	435	455	428	405	418
<b>9</b>	536	420	498	477	464	470	481	450	467	471	425	449
<b>10</b>	464	431	450	489	470	481	488	455	475	488	463	476
<b>11</b>	473	440	459	489	440	472	497	443	476	489	468	480
<b>12</b>	483	460	471	483	459	474	487	451	474	484	466	478
<b>13</b>	491	456	477	483	395	459	496	458	481	482	464	474
<b>14</b>	520	473	503	473	385	442	497	465	483	476	458	468
<b>15</b>	522	374	466	455	395	426	495	395	457	480	435	464
<b>16</b>	454	421	438	467	431	453	463	433	448	472	449	462
<b>17</b>	465	432	451	476	436	460	454	423	441	483	459	472
<b>18</b>	466	433	451	476	441	461	462	425	445	480	455	471
<b>19</b>	486	440	466	492	459	474	456	439	448	475	420	455
<b>20</b>	476	383	448	497	374	459	467	450	460	452	428	440
<b>21</b>	460	427	447	467	436	447	481	464	474	451	428	440
<b>22</b>	464	447	457	468	419	448	491	469	482	448	427	439
<b>23</b>	470	450	460	473	439	459	493	463	483	450	428	442
<b>24</b>	469	393	420	479	435	462	499	457	486	458	415	441
<b>25</b>	430	400	415	477	367	442	500	452	477	446	409	432
<b>26</b>	449	422	441	449	362	421	481	452	470	453	428	442
<b>27</b>	456	441	449	412	367	396	486	464	476	464	395	440
<b>28</b>	463	429	452	402	373	388	488	466	479	444	423	432
<b>29</b>	456	440	449	405	352	384	488	434	469	455	438	450
<b>30</b>	466	451	460	389	337	365	476	447	464	466	442	458
<b>31</b>	---	---	---	375	344	361	479	448	469	---	---	---
<b>Month</b>	539	374	467	497	337	442	500	365	459	489	338	447

## 251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
<b>1</b>	32.8	26.8	29.3	25.2	20.3	22.5	21.5	19.8	20.7	21.8	18.1	19.9
<b>2</b>	33.0	27.2	29.7	26.8	21.3	23.8	20.8	16.8	19.1	22.9	18.5	20.2
<b>3</b>	32.1	27.3	29.3	27.4	22.2	24.7	19.1	14.6	17.0	22.3	17.8	19.9
<b>4</b>	29.5	27.0	28.0	25.7	23.0	24.2	21.2	16.4	18.7	24.4	18.9	21.1
<b>5</b>	31.3	26.7	28.6	26.4	21.7	23.8	21.6	17.1	19.5	22.3	19.7	21.0
<b>6</b>	33.1	27.8	29.9	25.3	20.6	22.9	21.3	17.7	19.7	23.5	18.9	21.1
<b>7</b>	32.8	28.0	29.9	26.2	21.3	23.7	22.0	18.3	20.1	24.7	20.4	22.1
<b>8</b>	33.0	28.1	30.0	26.6	22.8	24.7	21.3	17.2	19.3	23.6	19.0	20.8
<b>9</b>	33.5	28.6	30.6	25.3	22.6	24.1	22.7	18.5	20.7	22.6	16.6	19.0
<b>10</b>	32.7	28.9	30.5	25.7	20.7	23.3	24.8	20.4	22.4	23.5	16.3	19.1
<b>11</b>	33.5	28.5	29.8	25.6	21.7	23.6	23.6	21.7	22.5	24.2	16.8	19.6
<b>12</b>	31.8	27.4	29.2	27.2	23.4	25.2	22.7	19.1	21.2	24.4	17.3	20.0
<b>13</b>	31.6	27.4	29.1	27.9	24.2	25.9	20.0	16.4	18.5	24.3	18.5	20.9
<b>14</b>	30.6	26.7	28.4	28.9	24.5	26.4	21.4	18.1	19.6	22.6	16.4	18.7
<b>15</b>	30.2	25.6	27.3	29.5	24.9	27.0	23.9	19.9	21.7	20.0	14.9	16.8
<b>16</b>	30.1	25.4	27.3	26.6	20.0	23.4	24.3	19.7	21.9	21.5	14.7	17.1
<b>17</b>	28.8	25.6	27.0	22.7	17.5	20.0	23.5	20.0	21.7	21.5	13.0	16.4
<b>18</b>	28.8	25.5	26.9	21.2	16.9	19.2	22.9	19.5	21.1	---	---	---
<b>19</b>	30.6	25.1	27.4	20.2	15.7	18.1	22.7	19.2	20.8	---	---	---
<b>20</b>	29.1	24.8	26.6	20.7	15.8	18.4	22.8	18.9	20.7	---	---	---
<b>21</b>	29.8	24.1	26.5	20.8	16.4	18.8	23.1	18.9	20.9	---	---	---
<b>22</b>	26.7	25.1	26.0	20.2	16.6	18.5	22.6	18.6	20.5	---	---	---
<b>23</b>	27.2	24.6	25.6	20.6	16.5	18.5	21.8	18.6	20.2	---	---	---
<b>24</b>	26.7	24.4	25.5	21.4	16.8	19.2	23.4	20.3	21.7	---	---	---
<b>25</b>	29.9	25.4	27.3	22.6	18.5	20.5	24.7	21.3	22.8	---	---	---
<b>26</b>	28.8	26.4	27.4	22.6	18.3	20.3	24.6	21.5	22.8	---	---	---
<b>27</b>	27.9	24.7	26.1	21.7	17.2	19.4	24.5	21.2	22.5	---	---	---
<b>28</b>	24.9	19.6	22.4	21.4	16.8	19.2	24.3	20.5	22.2	---	---	---
<b>29</b>	23.4	17.5	20.3	21.6	17.1	19.4	24.2	19.9	21.9	---	---	---
<b>30</b>	23.0	18.8	20.9	22.4	19.8	21.0	23.4	19.6	21.4	---	---	---
<b>31</b>	23.7	19.4	21.4	---	---	---	22.5	19.3	20.8	---	---	---
<b>Month</b>	33.5	17.5	27.2	29.5	15.7	22.0	24.8	14.6	20.8	---	---	---

251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	29.3	25.6	26.9
28	---	---	---	---	---	---	---	---	---	31.5	25.4	27.8
29	---	---	---	---	---	---	---	---	---	28.1	25.3	26.9
30	---	---	---	---	---	---	---	---	---	30.1	25.5	27.0
31	---	---	---	---	---	---	---	---	---	32.4	25.4	28.0
Month	---	---	---	---	---	---	---	---	---	---	---	---

## 251740080311200 C-111 WETLAND NEAR HOMESTEAD, FL—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
<b>1</b>	30.0	27.3	28.5	31.8	27.8	29.6	36.2	29.2	32.0	32.4	28.7	30.0
<b>2</b>	30.4	27.1	28.5	34.2	27.9	30.3	35.8	29.7	32.1	31.9	27.6	29.6
<b>3</b>	32.9	27.2	29.5	36.1	28.7	31.6	36.2	29.6	32.3	34.6	28.2	30.3
<b>4</b>	33.4	28.2	30.3	32.0	29.4	30.6	35.5	29.5	32.0	33.8	28.4	30.7
<b>5</b>	34.6	27.6	30.4	35.7	28.4	31.4	34.0	29.5	31.2	30.0	26.7	28.4
<b>6</b>	34.3	27.9	30.5	36.3	29.2	32.2	33.7	28.8	30.9	32.3	26.1	28.4
<b>7</b>	30.3	27.7	28.6	36.4	30.0	32.5	35.3	28.8	31.4	33.9	27.9	30.5
<b>8</b>	32.5	26.8	28.8	36.6	30.4	32.8	35.6	29.0	31.7	33.8	29.1	30.9
<b>9</b>	32.9	27.0	28.9	35.5	30.4	32.4	34.9	29.3	31.6	34.5	28.8	31.0
<b>10</b>	34.3	27.0	30.2	33.3	29.4	31.1	34.7	29.2	31.6	34.9	28.9	31.3
<b>11</b>	34.3	28.8	30.9	34.5	26.6	30.2	32.1	29.1	30.4	33.4	29.6	31.1
<b>12</b>	35.8	28.8	31.6	35.3	28.5	31.3	33.9	28.2	30.4	33.1	29.6	31.0
<b>13</b>	36.8	29.8	32.5	33.8	29.3	31.0	34.2	28.4	30.9	31.1	29.0	30.0
<b>14</b>	34.2	29.8	31.2	33.3	28.4	30.5	35.1	28.6	31.3	33.1	28.0	30.2
<b>15</b>	32.7	28.9	29.8	35.0	28.6	31.1	32.1	27.3	29.4	33.5	28.9	30.7
<b>16</b>	35.7	28.1	31.0	35.1	28.7	31.4	34.1	26.7	29.6	34.8	28.7	31.2
<b>17</b>	36.0	28.8	31.4	36.3	29.5	32.4	35.4	28.7	31.4	34.3	29.6	31.4
<b>18</b>	35.3	29.8	31.9	36.2	30.2	32.7	34.4	29.8	31.5	33.8	29.0	31.0
<b>19</b>	34.4	29.3	31.2	35.4	29.9	31.9	34.3	29.2	31.2	30.7	28.9	29.6
<b>20</b>	35.9	29.3	31.3	33.4	27.6	29.5	36.3	29.7	32.3	32.9	27.7	30.0
<b>21</b>	35.6	29.3	31.7	31.5	26.8	28.8	36.7	29.9	32.5	33.8	29.0	31.0
<b>22</b>	35.3	29.7	31.9	33.4	27.1	29.8	36.7	29.4	32.4	33.9	29.0	31.0
<b>23</b>	31.5	28.1	29.9	34.9	28.3	30.8	36.8	29.9	32.6	33.0	28.5	30.4
<b>24</b>	31.4	26.4	28.7	35.9	28.8	31.6	34.3	29.7	31.2	32.7	28.4	30.2
<b>25</b>	33.3	28.0	30.1	31.6	27.8	29.5	34.4	28.4	31.0	33.7	28.4	30.7
<b>26</b>	32.1	28.4	29.8	32.9	26.7	28.7	34.5	29.1	31.2	33.7	28.8	30.8
<b>27</b>	35.0	28.0	30.8	33.7	26.8	29.8	34.6	29.1	31.2	32.1	28.6	30.0
<b>28</b>	33.4	29.2	30.7	35.2	28.4	31.0	35.0	28.8	31.5	32.0	28.6	30.1
<b>29</b>	34.0	28.6	30.7	31.0	28.7	29.7	35.1	29.8	31.9	33.0	28.6	30.3
<b>30</b>	32.4	28.5	29.9	33.8	27.6	30.3	36.7	29.8	32.6	31.1	28.3	29.4
<b>31</b>	---	---	---	35.6	28.9	31.6	34.2	30.0	31.6	---	---	---
<b>Month</b>	36.8	26.4	30.4	36.6	26.6	30.9	36.8	26.7	31.4	34.9	26.1	30.4