

**251457080395800 TAYLOR SLOUGH WETLAND AT E146 NEAR HOMESTEAD, FL**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°14'57", long 80°39'58" referenced to North American Datum of 1983, Miami-Dade County, FL, Hydrologic Unit 03090202, approximately 13 mi southwest of Pine Island in Taylor Slough of Everglades National Park.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

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

GAGE.--Satellite data collection platform with water-stage pressure sensor. Datum of gage is North American Vertical Datum of 1988 (NAVD 88).

REMARKS.--Records excellent. During periods of missing record, values may be higher or lower than the listed extremes. During the dry season this site normally dries out. 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/>. Daily values are available online at <http://waterdata.usgs.gov/nwis>.

EXTREMES FOR PERIOD OF RECORD.--

GAGE HEIGHT: Maximum gage height, 1.46 ft Aug. 27, 2005; minimum, -0.73 ft Feb. 11, 12, 2008 (last recorded gage height as wetland water levels declined). See REVISIONS.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 0.72 ft Sept. 19; minimum, -0.71 ft Mar. 5 (last recorded gage height as wetland water levels reemerged ).

REVISIONS.--The minimum gage height for the period of record is -0.73 ft, Feb. 11, 12, 2008; the previously published figure was not the minimum extreme for the period of record.

The maximum gage height for water year 2008 is 0.79 ft, Oct. 1; the previously published figure was not the maximum.

The minimum gage height for water year 2008 is -0.73 ft, Feb. 11, 12; (last recorded gage height as wetland water levels declined). (Corrected). The previously published figure was not the minimum.

## 251457080395800 TAYLOR SLOUGH WETLAND AT E146 NEAR HOMESTEAD, FL—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.59	0.26	-0.08	-0.29	-0.48	-0.65	---	---	-0.01	0.26	0.09	0.20
2	0.56	0.24	-0.08	-0.30	-0.47	-0.67	---	---	-0.03	0.26	0.08	0.28
3	0.52	0.22	-0.10	-0.31	-0.41	-0.69	---	---	-0.07	0.24	0.06	0.29
4	0.52	0.20	-0.11	-0.31	-0.42	-0.70	---	---	-0.12	0.24	0.03	0.30
5	0.51	0.19	-0.12	-0.31	-0.44	---	---	---	-0.05	0.22	0.01	0.42
6	0.48	0.17	-0.13	-0.32	-0.46	---	---	---	-0.08	0.19	0.01	0.48
7	0.44	0.16	-0.14	-0.32	-0.47	---	---	---	---	0.17	-0.01	0.45
8	0.41	0.15	-0.16	-0.32	-0.47	---	---	---	---	0.14	-0.01	0.43
9	0.39	0.14	-0.17	-0.33	-0.49	---	---	---	---	0.11	-0.01	0.49
10	0.38	0.12	-0.17	-0.34	-0.50	---	---	---	---	0.08	0.02	0.53
11	0.36	0.10	-0.17	-0.35	-0.51	---	---	---	-0.01	0.06	0.03	0.54
12	0.34	0.09	-0.16	-0.35	-0.51	---	---	---	0.01	0.03	0.09	0.52
13	0.33	0.09	-0.18	-0.35	-0.51	---	---	---	0.00	0.03	0.07	0.54
14	0.32	0.10	e-0.18	-0.36	-0.52	---	---	---	-0.01	0.05	0.06	0.59
15	0.30	0.11	-0.19	-0.37	-0.53	---	---	---	0.02	0.03	0.05	0.62
16	0.28	e0.08	-0.19	-0.38	-0.53	---	---	---	0.06	0.01	0.07	0.68
17	0.27	0.05	-0.19	-0.39	-0.55	---	---	---	0.05	-0.01	0.07	0.69
18	0.27	0.02	-0.20	-0.40	-0.56	---	---	---	0.05	-0.03	0.07	0.66
19	0.28	0.00	-0.21	-0.40	-0.56	---	---	---	0.05	-0.06	0.09	0.68
20	0.25	-0.02	-0.21	-0.40	-0.57	---	---	---	0.11	-0.07	0.09	0.71
21	0.23	-0.04	e-0.21	-0.42	-0.59	---	---	---	0.12	-0.05	0.08	0.69
22	0.21	-0.06	-0.22	-0.43	-0.59	---	---	---	0.11	-0.03	0.08	0.65
23	0.21	e-0.07	-0.23	-0.43	-0.60	---	---	---	0.12	0.00	0.09	0.61
24	0.25	-0.09	-0.23	-0.43	-0.60	---	---	---	0.17	0.01	0.11	0.58
25	0.27	-0.09	-0.23	-0.44	-0.61	---	---	---	0.18	0.02	0.12	0.54
26	0.38	-0.10	-0.23	-0.44	-0.62	---	---	---	0.19	0.04	0.11	0.52
27	0.44	-0.11	-0.24	-0.45	-0.63	---	---	---	0.19	0.08	0.13	0.50
28	0.40	-0.12	-0.26	-0.45	-0.64	---	---	-0.60	0.18	0.13	0.17	0.48
29	0.34	-0.13	-0.26	-0.45	---	---	---	-0.39	0.22	0.14	0.17	0.49
30	0.31	-0.12	-0.27	-0.45	---	---	---	-0.22	0.22	0.13	0.18	0.47
31	0.28	---	-0.28	-0.47	---	---	---	-0.01	---	0.12	0.17	---
<b>Mean</b>	0.36	0.05	-0.19	-0.38	-0.53	---	---	---	---	0.08	0.08	0.52
<b>Max</b>	0.59	0.26	-0.08	-0.29	-0.41	---	---	---	---	0.26	0.18	0.71
<b>Min</b>	0.21	-0.13	-0.28	-0.47	-0.64	---	---	---	---	-0.07	-0.01	0.20

**251457080395800 TAYLOR SLOUGH WETLAND AT E146 NEAR HOMESTEAD, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: October 2003 to current year.

WATER TEMPERATURE: October 2003 to current year.

INSTRUMENTATION.--Water-quality monitor near the bottom.

REMARKS.--Specific conductance record rated excellent except for the period from Feb. 9 to Mar. 1, which was rated fair. Water temperature record rated excellent except for the period from Feb. 9 to Mar. 1, which was rated fair. During periods of missing record values may be higher or lower than the listed extremes. Specific conductance and water temperature records are available in 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.--

SPECIFIC CONDUCTANCE: Maximum recorded, 5,230 ( $\mu\text{S}/\text{cm}$  @25C) June 1, 2009; minimum recorded, 121 ( $\mu\text{S}/\text{cm}$  @25C) Sept. 20, 2005.

WATER TEMPERATURE: Maximum recorded, 39.3°C July 4, 2008; minimum recorded, 6.8°C Jan. 3, 2008.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 5,230 ( $\mu\text{S}/\text{cm}$  @25C) June 1; minimum recorded, 216 ( $\mu\text{S}/\text{cm}$  @25C) Sept. 17.

WATER TEMPERATURE: Maximum recorded, 36.8°C July 7, 9; minimum recorded, 7.8°C Feb. 5.

## 251457080395800 TAYLOR SLOUGH WETLAND AT E146 NEAR HOMESTEAD, FL—Continued

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

<b>Day</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>1</b>	248	306	335	414	841	---	---	---	4,970	299	289	294
<b>2</b>	249	297	336	420	861	---	---	---	3,760	297	294	289
<b>3</b>	254	293	345	426	867	---	---	---	3,080	297	297	279
<b>4</b>	257	289	353	430	929	---	---	---	2,130	288	304	278
<b>5</b>	256	290	347	433	975	---	---	---	944	275	318	270
<b>6</b>	255	296	341	441	1,010	---	---	---	614	283	324	275
<b>7</b>	253	298	341	447	1,030	---	---	---	---	286	339	267
<b>8</b>	255	293	345	453	1,050	---	---	---	---	294	322	269
<b>9</b>	259	287	350	461	1,060	---	---	---	---	296	322	259
<b>10</b>	260	293	348	470	1,060	---	---	---	---	307	326	235
<b>11</b>	264	298	346	480	1,080	---	---	---	390	338	316	234
<b>12</b>	270	295	346	488	1,100	---	---	---	376	342	301	234
<b>13</b>	280	286	356	495	1,120	---	---	---	371	331	303	237
<b>14</b>	284	281	---	504	1,110	---	---	---	380	309	311	234
<b>15</b>	292	278	364	514	1,130	---	---	---	385	297	321	234
<b>16</b>	298	---	356	525	1,130	---	---	---	360	301	340	233
<b>17</b>	300	320	356	537	1,150	---	---	---	379	298	324	230
<b>18</b>	295	333	359	548	1,170	---	---	---	378	297	307	237
<b>19</b>	285	334	363	561	1,190	---	---	---	397	302	294	246
<b>20</b>	290	339	365	577	1,190	---	---	---	377	332	294	245
<b>21</b>	297	336	---	596	1,210	---	---	---	372	341	295	245
<b>22</b>	299	334	372	621	1,230	---	---	---	371	320	307	242
<b>23</b>	301	---	376	642	1,220	---	---	---	377	301	309	242
<b>24</b>	291	335	383	656	1,240	---	---	---	361	295	301	243
<b>25</b>	285	332	384	676	1,250	---	---	---	342	302	300	245
<b>26</b>	273	327	381	698	1,260	---	---	---	340	326	297	249
<b>27</b>	276	328	383	724	1,290	---	---	---	338	327	298	254
<b>28</b>	299	333	390	749	1,300	---	---	---	1,990	332	299	252
<b>29</b>	320	334	398	776	---	---	---	---	1,530	327	292	286
<b>30</b>	314	334	403	796	---	---	---	---	2,470	316	294	261
<b>31</b>	312	---	407	812	---	---	---	---	4,480	---	283	---
<b>Mean</b>	280	---	---	560	1,110	---	---	---	---	305	307	252
<b>Max</b>	320	---	---	812	1,300	---	---	---	---	342	340	294
<b>Min</b>	248	---	---	414	841	---	---	---	---	275	286	230

## 251457080395800 TAYLOR SLOUGH WETLAND AT E146 NEAR HOMESTEAD, FL—Continued

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29.2	22.5	21.4	20.3	15.3	---	---	---	28.6	29.4	32.1	30.8
2	29.8	23.8	19.6	20.3	18.0	---	---	---	28.2	30.4	32.6	29.5
3	29.6	25.2	17.4	20.2	18.9	---	---	---	29.1	31.8	32.8	30.5
4	28.3	25.0	18.8	20.8	14.5	---	---	---	29.6	31.1	32.6	30.7
5	28.5	23.9	20.0	21.9	11.3	---	---	---	30.0	31.9	31.6	28.6
6	29.6	23.1	20.2	22.1	12.5	---	---	---	30.4	32.7	31.1	28.1
7	29.7	23.8	20.6	22.7	14.7	---	---	---	---	33.1	31.7	30.5
8	30.0	24.6	19.8	21.1	15.7	---	---	---	---	33.2	32.1	31.1
9	30.6	24.1	21.0	19.3	16.7	---	---	---	---	33.4	32.1	30.7
10	30.5	23.2	22.8	19.2	18.4	---	---	---	---	31.3	32.0	30.7
11	30.4	23.5	22.7	19.6	20.6	---	---	---	30.4	30.6	31.0	30.8
12	30.1	25.3	21.4	20.2	21.4	---	---	---	30.9	31.4	31.3	30.6
13	28.9	26.4	18.4	20.7	22.0	---	---	---	32.2	30.7	31.6	29.7
14	28.3	26.9	---	18.9	21.7	---	---	---	31.7	31.0	31.9	30.2
15	27.5	26.9	21.8	16.8	21.6	---	---	---	29.9	31.8	29.7	31.2
16	27.0	---	22.1	17.1	20.7	---	---	---	30.9	32.5	29.5	31.7
17	27.4	20.1	21.9	16.6	18.2	---	---	---	30.9	33.1	30.7	31.2
18	27.6	19.3	21.3	17.3	18.2	---	---	---	31.8	33.2	30.8	30.5
19	27.4	18.3	21.0	17.9	19.8	---	---	---	31.2	32.6	30.6	30.0
20	26.5	18.6	20.9	17.4	18.8	---	---	---	31.8	30.3	31.9	30.5
21	26.2	19.2	---	13.8	16.9	---	---	---	32.6	29.3	32.0	31.1
22	25.8	19.0	20.7	12.9	19.1	---	---	---	32.4	29.4	31.9	31.1
23	25.3	---	20.0	14.3	19.7	---	---	---	30.0	30.6	31.8	30.9
24	25.3	19.6	21.8	15.9	19.2	---	---	---	28.8	31.9	31.4	30.9
25	27.1	20.7	22.5	16.7	18.6	---	---	---	30.1	30.6	31.2	31.2
26	27.4	20.9	22.9	17.4	18.2	---	---	---	30.4	29.3	31.2	31.4
27	25.9	20.3	22.4	18.6	19.4	---	---	25.6	31.1	30.1	30.4	30.5
28	22.4	20.0	22.0	20.1	20.5	---	---	27.3	31.0	31.1	30.8	31.0
29	20.1	20.3	22.1	20.7	---	---	---	27.6	30.8	30.9	31.8	31.1
30	20.9	21.7	21.6	20.2	---	---	---	27.0	30.0	31.0	31.7	30.0
31	21.6	---	21.2	15.2	---	---	---	28.1	---	32.0	32.1	---
<b>Mean</b>	27.3	---	---	18.6	18.2	---	---	---	---	31.3	31.5	30.6
<b>Max</b>	30.6	---	---	22.7	22.0	---	---	---	---	33.4	32.8	31.7
<b>Min</b>	20.1	---	---	12.9	11.3	---	---	---	---	29.3	29.5	28.1