

Water-Data Report 2011

**255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL**

Southern Florida Basin  
Big Cypress Swamp Subbasin

LOCATION.--Lat 25°51'23.4", long 81°32'13.4" referenced to North American Datum of 1983, Collier County, FL, Hydrologic Unit 03090204, located on Channel Marker 6 of the Faka Union Pass, east of Panther Key, 3.5 mi south southeast of the mouth of Faka Union Canal, 7.25 mi south of the Port of the Islands Marina.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--July 2010 to current year.

GAGE.--Self logging water monitor with vented pressure sensor. Datum of gage is arbitrary.

REMARKS.--During periods of missing record, values may have been higher or lower than the listed extremes. Gage height 15 minute data, are available in the files of the U.S. Geological Survey. Data can also be accessed online at <http://sofia.usgs.gov/nwis>. Daily values of gage height are available online at <http://waterdata.usgs.gov/nwis>.

EXTREMES FOR PERIOD OF RECORD.--

GAGE HEIGHT: Maximum recorded gage height, 9.00 ft Aug. 10, 2010; minimum recorded, 0.56 ft Nov. 7, 2010.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum recorded gage height, 8.04 ft Aug. 29; minimum recorded, 0.56 ft Nov. 7.

255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

GAGE HEIGHT, FEET  
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

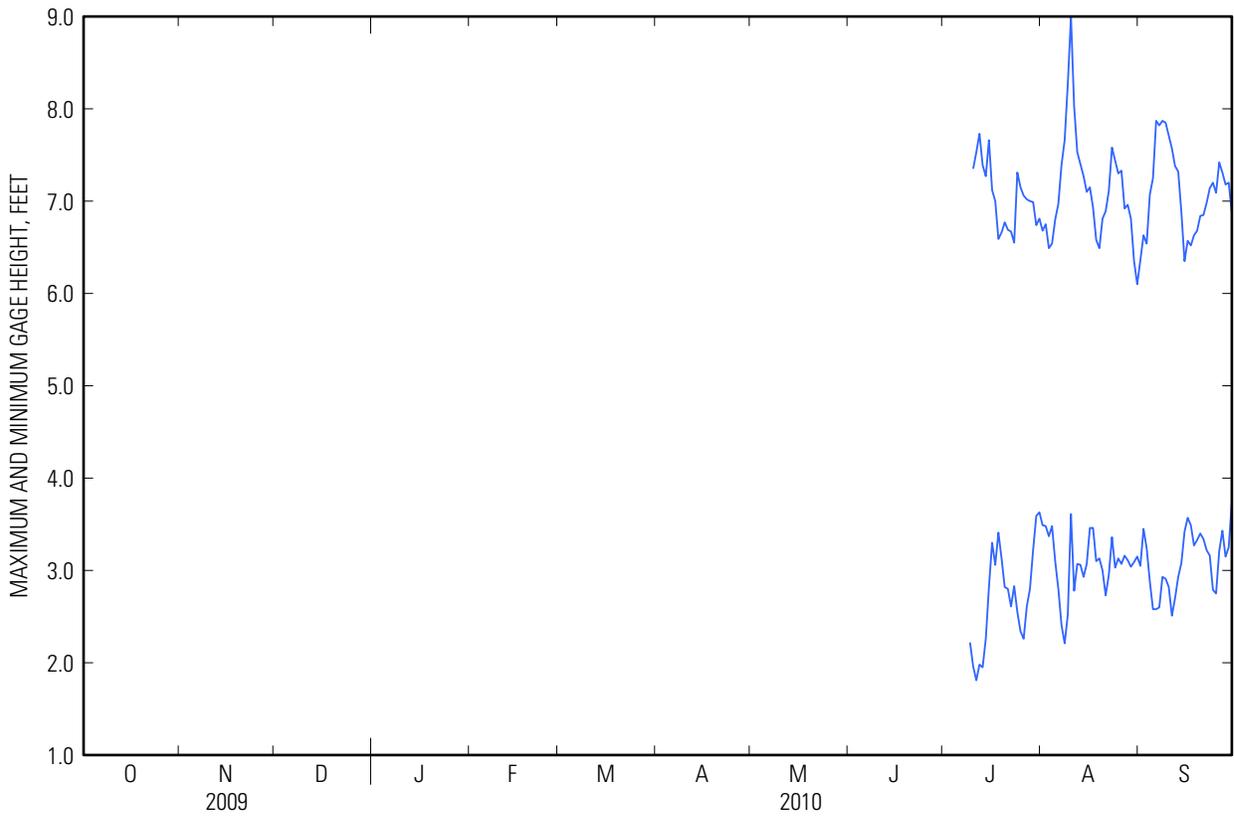
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	---	---
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Month	---	---	---	---	---	---	---	---	---	---	---	---

## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	---	---	---	---	---	---	6.68	3.49	6.36	3.05
2	---	---	---	---	---	---	---	---	6.75	3.48	6.63	3.45
3	---	---	---	---	---	---	---	---	6.49	3.37	6.54	3.24
4	---	---	---	---	---	---	---	---	6.54	3.48	7.07	2.88
5	---	---	---	---	---	---	---	---	6.80	3.10	7.25	2.58
6	---	---	---	---	---	---	---	---	6.97	2.80	7.87	2.58
7	---	---	---	---	---	---	---	---	7.39	2.41	7.82	2.60
8	---	---	---	---	---	---	---	---	7.66	2.21	7.87	2.93
9	---	---	---	---	---	---	---	2.22	8.27	2.52	7.85	2.91
10	---	---	---	---	---	---	7.35	1.96	9.00	3.61	7.71	2.82
11	---	---	---	---	---	---	7.53	1.81	8.03	2.78	7.57	2.51
12	---	---	---	---	---	---	7.73	1.98	7.53	3.07	7.38	2.70
13	---	---	---	---	---	---	7.39	1.95	7.40	3.06	7.32	2.93
14	---	---	---	---	---	---	7.27	2.26	7.27	2.93	6.88	3.08
15	---	---	---	---	---	---	7.66	2.82	7.10	3.07	6.35	3.42
16	---	---	---	---	---	---	7.12	3.30	7.15	3.46	6.57	3.57
17	---	---	---	---	---	---	7.00	3.06	6.93	3.46	6.52	3.49
18	---	---	---	---	---	---	6.59	3.41	6.58	3.10	6.63	3.27
19	---	---	---	---	---	---	6.66	3.13	6.49	3.13	6.68	3.33
20	---	---	---	---	---	---	6.77	2.82	6.81	3.00	6.84	3.40
21	---	---	---	---	---	---	6.69	2.80	6.89	2.73	6.85	3.34
22	---	---	---	---	---	---	6.67	2.61	7.11	2.95	6.98	3.22
23	---	---	---	---	---	---	6.55	2.83	7.58	3.36	7.14	3.16
24	---	---	---	---	---	---	7.31	2.55	7.44	3.03	7.20	2.79
25	---	---	---	---	---	---	7.15	2.34	7.30	3.13	7.09	2.75
26	---	---	---	---	---	---	7.06	2.26	7.33	3.07	7.42	3.21
27	---	---	---	---	---	---	7.02	2.61	6.92	3.16	7.31	3.43
28	---	---	---	---	---	---	7.00	2.80	6.96	3.11	7.18	3.15
29	---	---	---	---	---	---	6.99	3.22	6.81	3.04	7.20	3.25
30	---	---	---	---	---	---	6.74	3.59	6.35	3.09	6.87	3.74
31	---	---	---	---	---	---	6.81	3.63	6.10	3.15	---	---
<b>Month</b>	---	---	---	---	---	---	---	---	9.00	2.21	7.87	2.51

255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued



## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

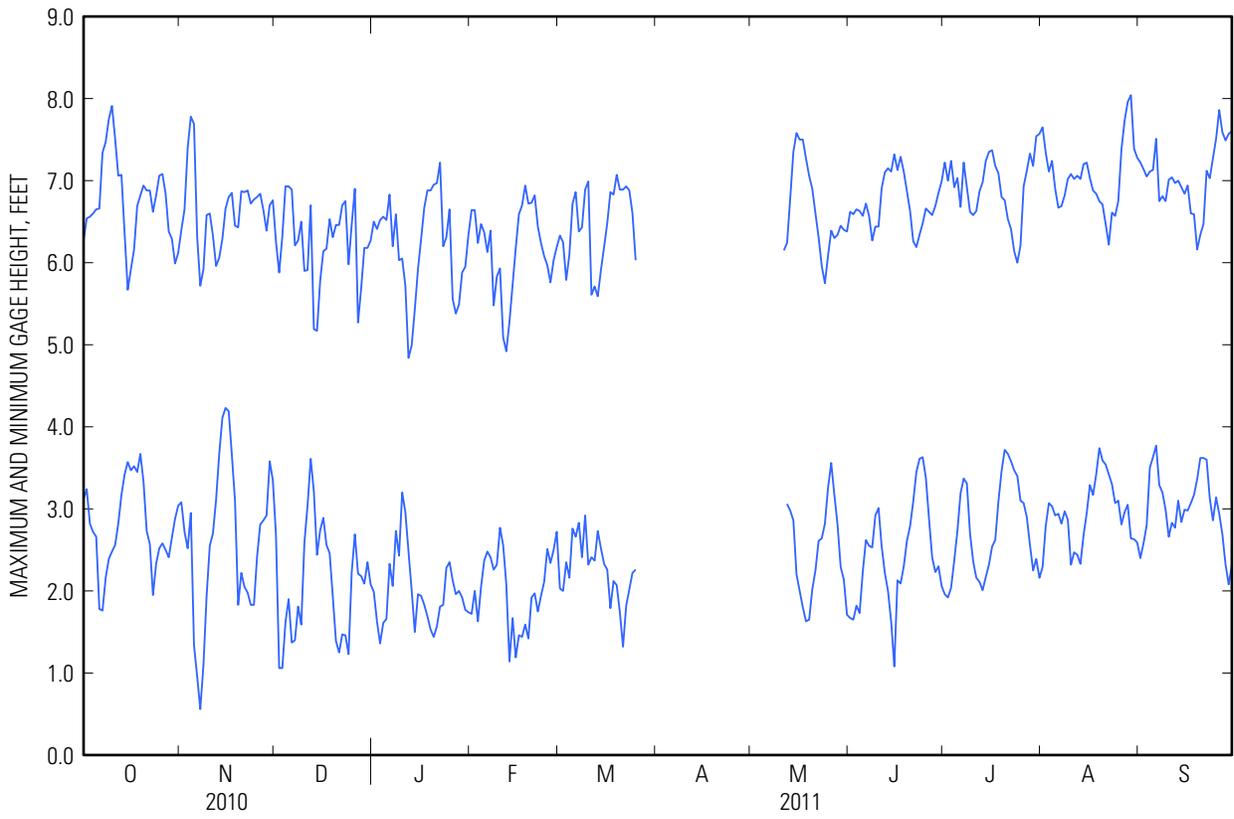
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
<b>1</b>	6.27	3.12	6.40	3.08	6.25	2.67	6.50	1.99	6.64	1.72	6.33	2.03
<b>2</b>	6.54	3.24	6.65	2.72	5.88	1.06	6.41	1.63	6.64	2.00	6.25	2.00
<b>3</b>	6.56	2.82	7.40	2.52	6.32	1.06	6.52	1.36	6.24	1.63	5.79	2.35
<b>4</b>	6.60	2.72	7.78	2.95	6.93	1.62	6.56	1.61	6.47	2.05	6.10	2.16
<b>5</b>	6.65	2.66	7.69	1.34	6.93	1.90	6.52	1.66	6.37	2.37	6.72	2.76
<b>6</b>	6.66	1.78	6.32	0.96	6.89	1.37	6.83	2.33	6.13	2.48	6.86	2.66
<b>7</b>	7.34	1.76	5.72	0.56	6.21	1.40	6.20	2.06	6.39	2.41	6.38	2.83
<b>8</b>	7.47	2.16	5.92	1.10	6.27	1.81	6.59	2.73	5.48	2.26	6.43	2.41
<b>9</b>	7.75	2.39	6.58	1.94	6.50	1.59	6.03	2.43	5.83	2.32	6.89	2.92
<b>10</b>	7.91	2.48	6.60	2.55	5.90	2.59	6.05	3.20	5.93	2.77	6.99	2.32
<b>11</b>	7.51	2.56	6.33	2.70	5.91	3.04	5.72	2.96	5.09	2.56	5.61	2.41
<b>12</b>	7.06	2.82	5.96	3.11	6.70	3.61	4.84	2.48	4.92	2.08	5.71	2.37
<b>13</b>	7.07	3.17	6.06	3.67	5.19	3.21	4.99	2.01	5.28	1.14	5.59	2.73
<b>14</b>	6.36	3.42	6.29	4.11	5.17	2.44	5.43	1.50	5.73	1.67	5.91	2.52
<b>15</b>	5.67	3.57	6.66	4.23	5.78	2.74	5.92	1.96	6.18	1.19	6.19	2.33
<b>16</b>	5.92	3.47	6.80	4.19	6.14	2.89	6.29	1.94	6.59	1.46	6.48	2.26
<b>17</b>	6.16	3.52	6.85	3.66	6.17	2.56	6.67	1.83	6.70	1.44	6.86	1.79
<b>18</b>	6.69	3.45	6.45	3.10	6.53	2.46	6.88	1.69	6.94	1.59	6.83	2.12
<b>19</b>	6.82	3.67	6.43	1.83	6.31	1.93	6.88	1.53	6.72	1.42	7.07	2.07
<b>20</b>	6.94	3.33	6.87	2.22	6.46	1.39	6.95	1.44	6.73	1.92	6.89	1.74
<b>21</b>	6.88	2.73	6.86	2.05	6.46	1.25	6.97	1.57	6.82	1.97	6.89	1.32
<b>22</b>	6.88	2.57	6.88	1.98	6.70	1.47	7.22	1.81	6.44	1.75	6.93	1.82
<b>23</b>	6.62	1.95	6.72	1.83	6.75	1.46	6.20	1.83	6.24	1.94	6.88	2.02
<b>24</b>	6.82	2.33	6.77	1.83	5.98	1.23	6.31	2.28	6.08	2.11	6.60	2.22
<b>25</b>	7.06	2.52	6.80	2.42	6.47	2.23	6.65	2.35	5.97	2.51	6.03	2.26
<b>26</b>	7.08	2.58	6.84	2.81	6.90	2.69	5.56	2.13	5.76	2.34	---	---
<b>27</b>	6.84	2.50	6.64	2.86	5.27	2.21	5.38	1.96	6.03	2.50	---	---
<b>28</b>	6.38	2.41	6.39	2.92	5.69	2.18	5.49	2.00	6.19	2.72	---	---
<b>29</b>	6.29	2.65	6.70	3.58	6.18	2.09	5.88	1.92	---	---	---	---
<b>30</b>	5.99	2.88	6.76	3.35	6.18	2.35	5.95	1.77	---	---	---	---
<b>31</b>	6.12	3.04	---	---	6.27	2.08	6.34	1.74	---	---	---	---
<b>Month</b>	7.91	1.76	7.78	0.56	6.93	1.06	7.22	1.36	6.94	1.14	---	---

## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, 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
	April		May		June		July		August		September	
1	---	---	---	---	6.62	1.67	7.22	1.96	7.65	2.29	7.22	2.40
2	---	---	---	---	6.59	1.65	7.00	1.92	7.34	2.79	7.14	2.58
3	---	---	---	---	6.65	1.82	7.24	2.04	7.11	3.07	7.05	2.80
4	---	---	---	---	6.63	1.73	6.92	2.37	7.24	3.03	7.11	3.50
5	---	---	---	---	6.57	2.23	7.03	2.73	6.90	2.92	7.13	3.63
6	---	---	---	---	6.72	2.62	6.68	3.19	6.67	2.94	7.51	3.77
7	---	---	---	---	6.57	2.55	7.22	3.37	6.69	2.82	6.75	3.29
8	---	---	---	---	6.27	2.53	6.92	3.31	6.82	2.97	6.81	3.20
9	---	---	---	---	6.44	2.92	6.62	2.70	7.02	2.87	6.75	2.99
10	---	---	---	---	6.44	3.01	6.58	2.36	7.08	2.32	7.01	2.66
11	---	---	6.15	---	6.91	2.54	6.63	2.16	7.02	2.47	7.04	2.83
12	---	---	6.24	3.06	7.10	2.22	6.87	2.11	7.06	2.44	6.97	2.77
13	---	---	6.78	2.98	7.15	2.00	6.98	2.01	7.02	2.33	7.00	3.10
14	---	---	7.35	2.86	7.11	1.63	7.24	2.17	7.20	2.68	6.92	2.84
15	---	---	7.58	2.20	7.32	1.08	7.35	2.32	7.22	2.95	6.84	2.99
16	---	---	7.50	2.00	7.13	2.13	7.37	2.54	7.03	3.29	6.94	2.98
17	---	---	7.50	1.80	7.29	2.09	7.18	2.62	6.88	3.17	6.60	3.07
18	---	---	7.27	1.63	7.11	2.30	7.09	3.09	6.84	3.42	6.59	3.17
19	---	---	7.06	1.65	6.87	2.61	6.80	3.46	6.75	3.74	6.16	3.36
20	---	---	6.90	2.02	6.63	2.79	6.76	3.72	6.71	3.59	6.34	3.62
21	---	---	6.60	2.25	6.26	3.09	6.53	3.67	6.47	3.54	6.47	3.62
22	---	---	6.31	2.61	6.19	3.45	6.41	3.58	6.22	3.42	7.12	3.60
23	---	---	5.96	2.64	6.34	3.61	6.14	3.47	6.61	3.30	7.03	3.13
24	---	---	5.75	2.82	6.48	3.63	6.00	3.40	6.57	3.07	7.27	2.86
25	---	---	6.09	3.26	6.66	3.38	6.21	3.10	6.75	3.10	7.51	3.14
26	---	---	6.39	3.56	6.62	2.88	6.93	3.07	7.38	2.81	7.86	2.94
27	---	---	6.30	3.17	6.58	2.41	7.12	2.90	7.73	2.96	7.59	2.69
28	---	---	6.34	2.81	6.69	2.23	7.33	2.56	7.96	3.05	7.49	2.32
29	---	---	6.45	2.29	6.85	2.30	7.18	2.25	8.04	2.64	7.57	2.08
30	---	---	6.40	2.14	6.99	2.06	7.54	2.39	7.39	2.63	7.60	2.31
31	---	---	6.38	1.71	---	---	7.57	2.16	7.28	2.59	---	---
<b>Month</b>	---	---	---	---	7.32	1.08	7.57	1.92	8.04	2.29	7.86	2.08

255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued



**255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SALINITY: June 2007 to September 2008. July 2010 to current year.

WATER TEMPERATURE: June 2007 to September 2008. July 2010 to current year.

INSTRUMENTATION.--Water quality monitor.

REMARKS.--Salinity records rated excellent. Water temperature records rated excellent, except for Nov. 20-30, rated good. Salinity and water temperature sensors located at -0.1 ft (arbitrary datum). During periods of missing record, values may have been higher or lower than the listed extremes. Salinity and water temperature 15 minute data, are available in files of the U.S. Geological Survey. 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: Maximum recorded, 41.2 ppt May 17, 2008; minimum recorded, 12.2 ppt Sept. 27, 2008.

WATER TEMPERATURE: Maximum recorded, 33.9 °C Aug. 6, 2011; minimum recorded, 12.0 °C Dec. 15, 16, 2010.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 39.5 ppt June 22, 23; minimum recorded, 20.0 ppt Oct. 6, Sept. 29, 30.

WATER TEMPERATURE: Maximum recorded, 33.9 °C Aug. 6; minimum recorded, 12.0 °C Dec. 15, 16.

255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND  
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

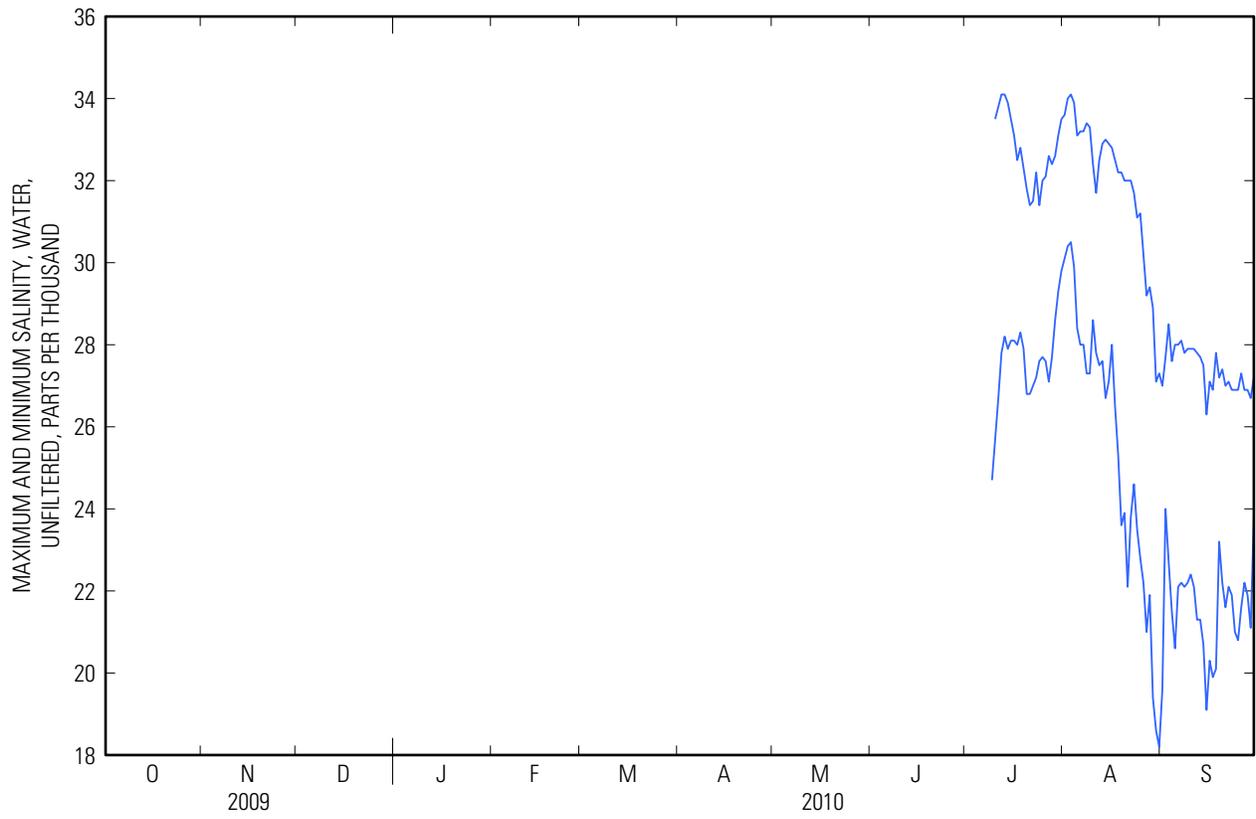
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
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17	---	---	---	---	---	---	---	---	---	---	---	---
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27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

**SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	---	---	---	---	---	---	33.6	30.1	27.0	19.6
2	---	---	---	---	---	---	---	---	34.0	30.4	27.7	24.0
3	---	---	---	---	---	---	---	---	34.1	30.5	28.5	22.7
4	---	---	---	---	---	---	---	---	33.9	29.9	27.6	21.5
5	---	---	---	---	---	---	---	---	33.1	28.4	28.0	20.6
6	---	---	---	---	---	---	---	---	33.2	28.0	28.0	22.1
7	---	---	---	---	---	---	---	---	33.2	28.0	28.1	22.2
8	---	---	---	---	---	---	---	---	33.4	27.3	27.8	22.1
9	---	---	---	---	---	---	---	24.7	33.3	27.3	27.9	22.2
10	---	---	---	---	---	---	33.5	25.7	32.4	28.6	27.9	22.4
11	---	---	---	---	---	---	33.8	26.7	31.7	27.8	27.9	22.1
12	---	---	---	---	---	---	34.1	27.8	32.5	27.5	27.8	21.3
13	---	---	---	---	---	---	34.1	28.2	32.9	27.6	27.7	21.3
14	---	---	---	---	---	---	33.9	27.9	33.0	26.7	27.5	20.7
15	---	---	---	---	---	---	33.5	28.1	32.9	27.1	26.3	19.1
16	---	---	---	---	---	---	33.1	28.1	32.8	28.0	27.1	20.3
17	---	---	---	---	---	---	32.5	28.0	32.5	26.5	26.9	19.9
18	---	---	---	---	---	---	32.8	28.3	32.2	25.3	27.8	20.1
19	---	---	---	---	---	---	32.3	27.9	32.2	23.6	27.2	23.2
20	---	---	---	---	---	---	31.8	26.8	32.0	23.9	27.4	22.2
21	---	---	---	---	---	---	31.4	26.8	32.0	22.1	27.0	21.6
22	---	---	---	---	---	---	31.5	27.0	32.0	23.8	27.1	22.1
23	---	---	---	---	---	---	32.2	27.2	31.7	24.6	26.9	21.9
24	---	---	---	---	---	---	31.4	27.6	31.1	23.5	26.9	21.0
25	---	---	---	---	---	---	32.0	27.7	31.2	22.8	26.9	20.8
26	---	---	---	---	---	---	32.1	27.6	30.2	22.2	27.3	21.6
27	---	---	---	---	---	---	32.6	27.1	29.2	21.0	26.9	22.2
28	---	---	---	---	---	---	32.4	27.7	29.4	21.9	26.9	21.9
29	---	---	---	---	---	---	32.6	28.6	28.9	19.4	26.7	21.1
30	---	---	---	---	---	---	33.1	29.3	27.1	18.6	27.2	23.8
31	---	---	---	---	---	---	33.5	29.8	27.3	18.2	---	---
<b>Month</b>	---	---	---	---	---	---	---	---	34.1	18.2	28.5	19.1

255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued



## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

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

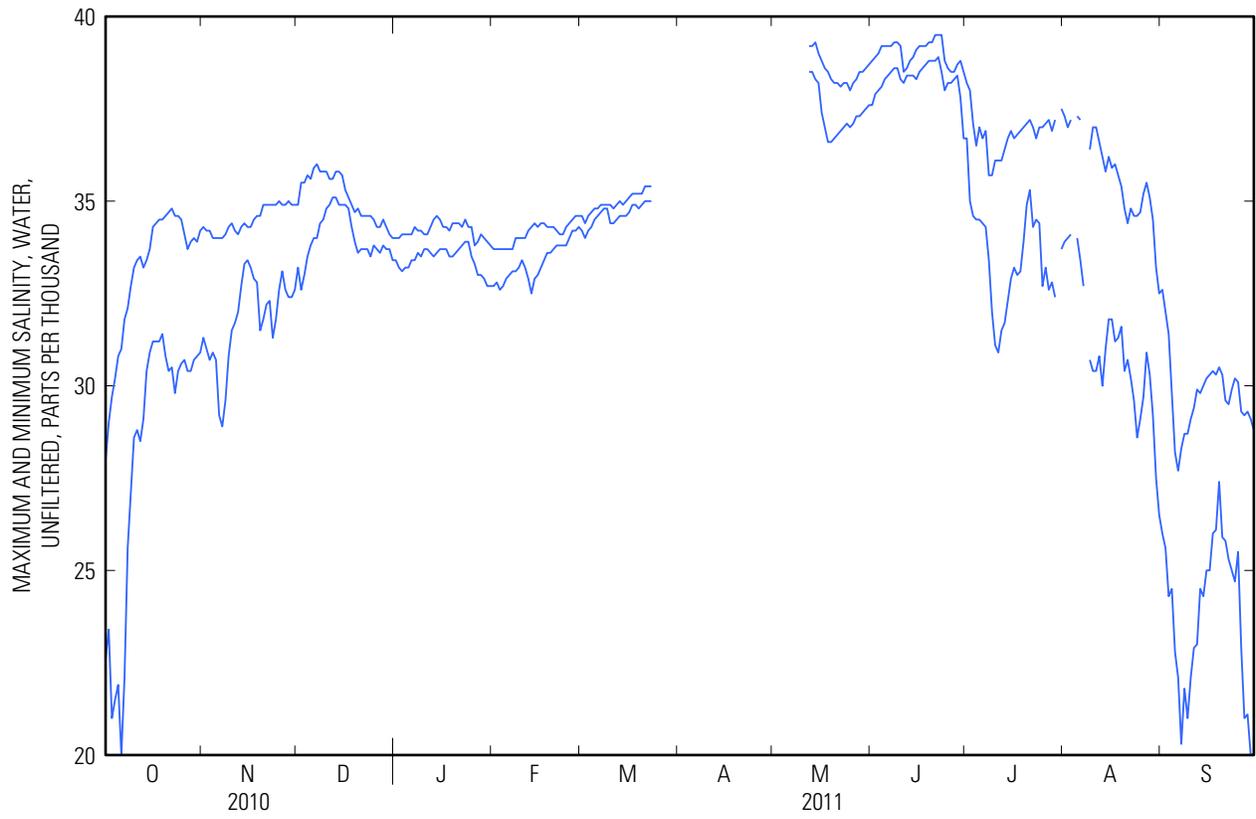
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
<b>1</b>	28.0	22.6	34.3	31.3	34.9	33.2	34.0	33.4	33.7	32.7	34.6	34.2
<b>2</b>	29.0	23.4	34.2	31.0	35.5	32.6	34.0	33.2	33.7	32.8	34.4	34.0
<b>3</b>	29.7	21.0	34.2	30.7	35.5	33.0	34.1	33.1	33.7	32.6	34.6	34.2
<b>4</b>	30.2	21.5	34.0	30.9	35.7	33.5	34.1	33.2	33.7	32.7	34.7	34.3
<b>5</b>	30.8	21.9	34.0	30.7	35.6	33.8	34.1	33.2	33.7	32.9	34.8	34.5
<b>6</b>	31.0	20.0	34.0	29.2	35.9	34.0	34.1	33.4	33.7	33.0	34.8	34.6
<b>7</b>	31.8	22.1	34.0	28.9	36.0	34.0	34.3	33.4	33.7	33.1	34.9	34.7
<b>8</b>	32.1	25.6	34.1	29.6	35.8	34.4	34.2	33.6	34.0	33.1	34.9	34.8
<b>9</b>	32.7	27.1	34.3	30.8	35.8	34.5	34.2	33.5	34.0	33.2	34.9	34.8
<b>10</b>	33.2	28.6	34.4	31.5	35.8	34.8	34.1	33.7	34.0	33.4	34.9	34.4
<b>11</b>	33.4	28.8	34.2	31.7	35.6	34.9	34.1	33.7	34.0	33.2	34.8	34.4
<b>12</b>	33.5	28.5	34.1	32.0	35.6	35.1	34.3	33.6	34.2	32.9	34.9	34.5
<b>13</b>	33.2	29.1	34.3	32.7	35.8	35.1	34.5	33.5	34.3	32.5	35.0	34.6
<b>14</b>	33.4	30.4	34.4	33.3	35.8	34.9	34.6	33.6	34.4	32.9	34.9	34.6
<b>15</b>	33.7	30.9	34.3	33.4	35.7	34.9	34.5	33.7	34.3	33.0	35.0	34.6
<b>16</b>	34.3	31.2	34.3	33.2	35.3	34.9	34.3	33.7	34.4	33.2	35.1	34.7
<b>17</b>	34.4	31.2	34.5	32.9	35.1	34.8	34.3	33.7	34.4	33.4	35.2	34.9
<b>18</b>	34.5	31.2	34.6	32.8	34.9	34.3	34.2	33.5	34.3	33.6	35.2	34.9
<b>19</b>	34.5	31.4	34.6	31.5	34.7	33.9	34.4	33.5	34.3	33.6	35.2	34.8
<b>20</b>	34.6	30.8	34.9	31.8	34.8	33.6	34.4	33.6	34.3	33.7	35.2	34.9
<b>21</b>	34.7	30.4	34.9	32.2	34.6	33.7	34.4	33.7	34.2	33.8	35.4	35.0
<b>22</b>	34.8	30.5	34.9	32.3	34.6	33.7	34.3	33.8	34.1	33.8	35.4	35.0
<b>23</b>	34.6	29.8	34.9	31.3	34.6	33.7	34.5	33.9	34.1	33.8	35.4	35.0
<b>24</b>	34.6	30.4	34.9	31.8	34.6	33.5	34.3	33.9	34.3	33.8	---	---
<b>25</b>	34.5	30.6	35.0	32.6	34.5	33.8	34.3	33.5	34.4	34.0	---	---
<b>26</b>	34.1	30.7	34.9	33.1	34.3	33.7	33.8	33.3	34.5	34.2	---	---
<b>27</b>	33.7	30.4	34.9	32.6	34.3	33.6	33.9	33.0	34.6	34.2	---	---
<b>28</b>	33.9	30.4	35.0	32.4	34.5	33.8	34.1	33.0	34.6	34.3	---	---
<b>29</b>	34.0	30.7	34.9	32.4	34.3	33.7	34.0	32.9	---	---	---	---
<b>30</b>	33.9	30.8	34.9	32.6	34.1	33.7	33.9	32.7	---	---	---	---
<b>31</b>	34.2	30.9	---	---	34.0	33.4	33.8	32.7	---	---	---	---
<b>Month</b>	34.8	20.0	35.0	28.9	36.0	32.6	34.6	32.7	34.6	32.5	---	---

## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

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

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	---	---	38.8	37.6	38.2	36.7	37.3	33.9	32.6	26.0
2	---	---	---	---	38.9	37.9	38.0	35.0	37.0	34.0	32.0	25.6
3	---	---	---	---	39.0	38.0	37.1	34.6	37.2	34.1	31.4	24.3
4	---	---	---	---	39.2	38.1	36.5	34.5	---	---	29.8	24.5
5	---	---	---	---	39.2	38.3	37.0	34.5	37.3	34.0	28.2	22.8
6	---	---	---	---	39.2	38.4	36.7	34.4	37.2	33.4	27.7	22.1
7	---	---	---	---	39.2	38.5	36.9	34.3	---	32.7	28.3	20.3
8	---	---	---	---	39.3	38.6	35.7	33.4	---	---	28.7	21.8
9	---	---	---	---	39.3	38.6	35.7	32.0	36.4	30.7	28.7	21.0
10	---	---	---	---	39.2	38.3	36.1	31.1	37.0	30.4	29.1	22.1
11	---	---	---	---	38.5	38.2	36.1	30.9	37.0	30.4	29.4	22.9
12	---	---	39.2	38.5	38.6	38.4	36.1	31.5	36.6	30.8	29.9	23.0
13	---	---	39.2	38.5	38.8	38.4	36.4	31.7	36.2	30.0	29.8	24.5
14	---	---	39.3	38.3	38.9	38.4	36.7	32.3	35.8	31.0	30.0	24.3
15	---	---	39.0	38.2	39.1	38.3	36.9	32.9	36.2	31.8	30.2	25.0
16	---	---	38.8	37.4	39.2	38.5	36.7	33.2	35.9	31.8	30.3	25.0
17	---	---	38.6	37.0	39.2	38.6	36.8	33.0	36.0	31.2	30.4	26.0
18	---	---	38.5	36.6	39.2	38.7	36.9	33.1	35.7	31.3	30.3	26.1
19	---	---	38.3	36.6	39.3	38.8	37.0	33.9	35.4	31.6	30.5	27.4
20	---	---	38.2	36.7	39.3	38.8	37.1	34.9	34.8	30.4	30.3	25.9
21	---	---	38.2	36.8	39.5	38.8	37.2	35.3	34.4	30.7	29.6	25.8
22	---	---	38.1	36.9	39.5	38.9	37.0	34.3	34.8	30.2	29.5	25.3
23	---	---	38.2	37.0	39.5	38.5	36.7	34.5	34.6	29.6	29.9	25.0
24	---	---	38.2	37.1	38.8	38.0	37.0	34.4	34.6	28.6	30.2	24.7
25	---	---	38.0	37.0	38.6	38.2	37.0	32.7	34.7	29.1	30.1	25.5
26	---	---	38.2	37.1	38.5	38.2	37.1	33.2	35.2	29.7	29.3	22.9
27	---	---	38.3	37.3	38.5	38.3	37.2	32.6	35.5	30.9	29.2	21.0
28	---	---	38.5	37.3	38.7	38.4	36.9	32.8	35.1	30.3	29.3	21.1
29	---	---	38.5	37.4	38.8	37.8	37.2	32.4	34.5	29.2	29.1	20.0
30	---	---	38.6	37.5	38.5	36.7	---	---	33.2	27.5	28.8	20.0
31	---	---	38.7	37.6	---	---	37.5	33.7	32.5	26.5	---	---
Month	---	---	---	---	39.5	36.7	---	---	---	---	32.6	20.0

255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued



255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS  
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

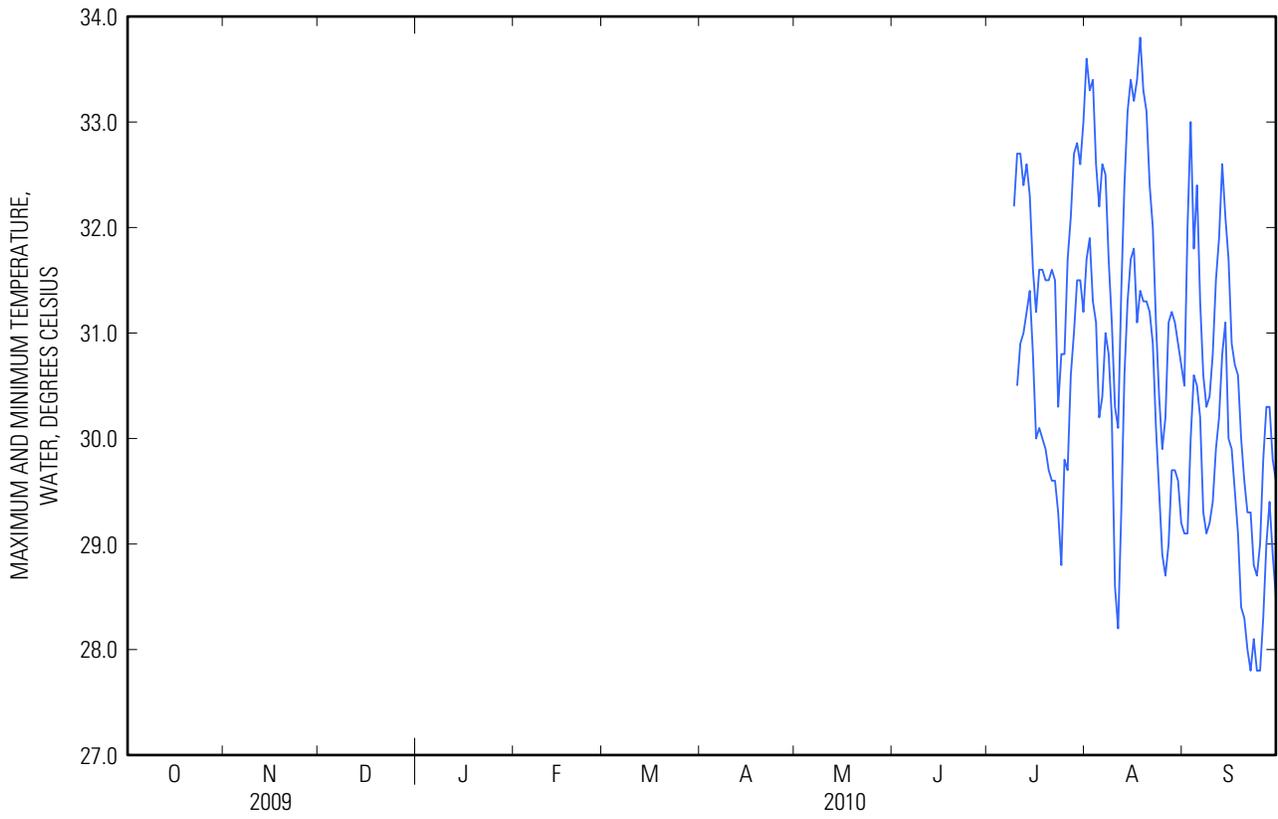
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---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

## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	---	---	---	---	---	---	33.6	31.7	30.5	29.1
2	---	---	---	---	---	---	---	---	33.3	31.9	32.0	29.1
3	---	---	---	---	---	---	---	---	33.4	31.3	33.0	30.0
4	---	---	---	---	---	---	---	---	32.6	31.1	31.8	30.6
5	---	---	---	---	---	---	---	---	32.2	30.2	32.4	30.5
6	---	---	---	---	---	---	---	---	32.6	30.4	31.3	30.2
7	---	---	---	---	---	---	---	---	32.5	31.0	30.6	29.3
8	---	---	---	---	---	---	---	---	31.7	30.8	30.3	29.1
9	---	---	---	---	---	---	32.2	---	31.1	30.2	30.4	29.2
10	---	---	---	---	---	---	32.7	30.5	30.3	28.6	30.8	29.4
11	---	---	---	---	---	---	32.7	30.9	30.1	28.2	31.5	29.9
12	---	---	---	---	---	---	32.4	31.0	31.4	29.3	31.9	30.2
13	---	---	---	---	---	---	32.6	31.2	32.4	30.6	32.6	30.8
14	---	---	---	---	---	---	32.3	31.4	33.1	31.3	32.1	31.1
15	---	---	---	---	---	---	31.6	30.8	33.4	31.7	31.7	30.0
16	---	---	---	---	---	---	31.2	30.0	33.2	31.8	30.9	29.9
17	---	---	---	---	---	---	31.6	30.1	33.4	31.1	30.7	29.5
18	---	---	---	---	---	---	31.6	30.0	33.8	31.4	30.6	29.1
19	---	---	---	---	---	---	31.5	29.9	33.3	31.3	30.0	28.4
20	---	---	---	---	---	---	31.5	29.7	33.1	31.3	29.6	28.3
21	---	---	---	---	---	---	31.6	29.6	32.4	31.2	29.3	28.0
22	---	---	---	---	---	---	31.5	29.6	32.0	30.9	29.3	27.8
23	---	---	---	---	---	---	30.3	29.3	31.1	30.1	28.8	28.1
24	---	---	---	---	---	---	30.8	28.8	30.4	29.5	28.7	27.8
25	---	---	---	---	---	---	30.8	29.8	29.9	28.9	29.0	27.8
26	---	---	---	---	---	---	31.7	29.7	30.2	28.7	29.8	28.3
27	---	---	---	---	---	---	32.1	30.6	31.1	29.0	30.3	29.0
28	---	---	---	---	---	---	32.7	31.0	31.2	29.7	30.3	29.4
29	---	---	---	---	---	---	32.8	31.5	31.1	29.7	29.8	28.9
30	---	---	---	---	---	---	32.6	31.5	30.9	29.6	29.6	28.5
31	---	---	---	---	---	---	33.0	31.2	30.7	29.2	---	---
<b>Month</b>	---	---	---	---	---	---	---	---	33.8	28.2	33.0	27.8

255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued



## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

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

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
<b>1</b>	29.8	27.8	29.0	27.2	25.3	23.4	17.4	15.3	20.5	18.3	26.3	24.7
<b>2</b>	29.7	27.4	28.4	27.4	23.4	19.6	18.6	16.4	21.7	19.5	25.7	24.3
<b>3</b>	29.1	27.6	27.9	26.5	20.3	17.1	19.2	17.3	22.9	20.7	24.3	22.7
<b>4</b>	28.0	26.4	27.2	26.1	18.4	16.7	19.8	17.7	23.7	21.5	22.8	21.6
<b>5</b>	27.0	25.6	26.1	23.0	18.9	17.2	20.5	18.3	24.4	22.6	22.9	21.3
<b>6</b>	26.2	24.7	23.0	20.3	18.8	16.7	20.5	18.8	24.7	23.2	23.2	22.1
<b>7</b>	25.0	23.5	20.4	18.0	16.7	15.1	19.6	18.2	24.8	23.6	23.2	21.9
<b>8</b>	25.0	23.6	19.4	17.8	15.2	14.1	19.8	18.2	24.5	22.2	23.9	21.7
<b>9</b>	25.5	24.2	19.9	18.5	14.8	13.8	19.6	18.8	22.2	20.1	24.5	22.7
<b>10</b>	26.3	24.6	20.5	18.9	14.8	13.1	20.3	18.7	22.8	21.4	24.4	22.6
<b>11</b>	27.1	25.2	21.0	19.3	15.8	14.1	21.4	19.7	22.8	21.1	22.6	20.6
<b>12</b>	26.7	26.0	21.7	19.9	16.8	15.1	21.4	18.0	21.4	18.4	21.0	18.8
<b>13</b>	26.5	25.8	21.7	20.2	16.8	15.1	18.2	15.3	18.7	16.4	21.7	19.5
<b>14</b>	26.5	25.9	22.1	20.4	15.3	13.0	15.5	14.0	18.6	16.6	22.5	20.5
<b>15</b>	26.9	24.9	22.9	20.8	13.3	12.0	16.5	14.6	18.6	16.6	23.2	21.2
<b>16</b>	25.6	23.7	23.2	21.6	13.4	12.0	16.8	15.7	19.3	17.6	23.9	22.1
<b>17</b>	25.3	23.4	24.1	22.5	14.6	13.0	17.0	16.3	20.4	18.3	24.2	22.3
<b>18</b>	25.6	23.8	24.3	23.4	15.4	14.2	18.2	16.6	21.1	18.9	24.7	22.9
<b>19</b>	25.7	24.4	23.7	22.1	16.8	14.5	19.7	17.4	21.6	19.7	24.6	23.0
<b>20</b>	25.9	24.8	22.9	21.6	16.5	15.2	20.8	18.1	22.2	20.0	24.7	23.1
<b>21</b>	26.0	24.7	23.0	21.7	16.7	15.0	20.9	19.1	23.0	21.0	24.8	23.5
<b>22</b>	26.2	25.0	23.0	22.1	17.4	15.4	20.6	18.7	24.0	22.0	24.6	23.0
<b>23</b>	26.2	25.0	23.3	22.1	18.1	16.0	18.7	16.7	24.6	22.9	25.1	23.1
<b>24</b>	26.4	25.4	23.6	22.5	17.5	16.4	17.5	16.3	24.8	23.4	---	---
<b>25</b>	27.3	25.8	24.1	22.8	17.8	16.1	19.4	17.0	25.0	23.5	---	---
<b>26</b>	28.0	26.6	24.3	23.4	17.9	16.7	19.4	18.4	26.0	24.2	---	---
<b>27</b>	28.9	27.2	25.3	23.8	16.8	14.8	18.9	17.3	26.1	24.5	---	---
<b>28</b>	29.6	27.8	25.1	23.7	14.9	13.2	17.8	16.6	26.0	24.4	---	---
<b>29</b>	29.8	28.2	25.6	24.1	14.1	12.7	18.1	16.3	---	---	---	---
<b>30</b>	29.0	27.4	25.9	24.4	14.5	13.7	18.5	16.8	---	---	---	---
<b>31</b>	28.9	27.2	---	---	16.2	14.4	19.2	17.5	---	---	---	---
<b>Month</b>	29.8	23.4	29.0	17.8	25.3	12.0	21.4	14.0	26.1	16.4	---	---

## 255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

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

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	---	---	28.7	27.1	29.7	28.5	32.3	31.0	28.6	27.4
2	---	---	---	---	28.8	27.4	29.4	28.7	32.4	31.1	29.6	27.7
3	---	---	---	---	28.3	26.8	29.4	28.2	32.9	31.3	30.5	28.6
4	---	---	---	---	28.6	26.9	29.4	28.1	33.2	31.6	30.8	29.1
5	---	---	---	---	28.9	27.0	29.6	28.4	33.5	31.7	31.8	29.4
6	---	---	---	---	29.6	27.6	29.4	28.8	33.9	31.7	31.3	29.6
7	---	---	---	---	29.9	28.4	28.8	27.5	33.8	32.1	30.8	29.5
8	---	---	---	---	29.4	28.3	28.8	27.2	32.5	31.0	31.4	29.3
9	---	---	---	---	28.8	27.8	30.6	28.1	31.6	30.2	31.6	30.0
10	---	---	---	---	29.0	27.5	32.1	29.4	30.8	30.0	31.8	30.1
11	---	---	30.2	---	30.0	27.8	31.6	30.0	30.2	29.5	32.3	30.8
12	---	---	30.5	28.3	31.1	28.5	32.0	29.9	30.4	29.3	32.2	30.8
13	---	---	30.4	28.1	31.6	29.1	32.1	30.6	31.4	29.5	32.1	30.4
14	---	---	29.8	28.5	31.9	30.0	32.4	30.8	31.9	30.0	31.8	30.4
15	---	---	28.8	27.6	31.8	29.9	32.7	31.1	32.1	30.8	31.2	30.3
16	---	---	28.1	26.8	31.1	29.2	32.7	31.3	32.7	31.0	31.5	30.1
17	---	---	27.7	26.1	31.7	29.9	32.7	31.2	33.0	31.4	31.2	30.1
18	---	---	27.8	26.1	31.7	30.3	32.3	30.8	32.5	31.5	31.5	29.8
19	---	---	28.6	26.4	31.8	30.2	32.5	30.7	32.0	31.0	31.6	30.1
20	---	---	29.5	27.5	32.0	30.2	32.7	31.1	31.9	30.6	31.8	30.6
21	---	---	30.1	28.3	32.5	30.7	33.4	31.3	32.1	30.5	31.4	29.6
22	---	---	30.7	28.9	32.7	31.0	32.9	31.8	33.1	31.1	31.5	29.8
23	---	---	30.1	29.0	32.7	30.6	32.7	30.8	32.5	31.3	31.9	30.1
24	---	---	30.3	28.0	32.7	30.9	32.9	30.7	31.8	30.5	32.0	30.4
25	---	---	30.5	28.1	32.9	30.8	33.2	30.6	30.9	29.8	31.9	30.6
26	---	---	30.7	28.5	32.8	30.8	32.8	30.7	31.0	29.3	30.8	28.6
27	---	---	31.0	28.9	32.0	30.6	31.8	30.6	31.2	29.6	29.6	28.0
28	---	---	30.5	28.9	30.8	29.6	32.0	30.2	31.1	29.7	30.3	28.7
29	---	---	30.1	28.4	29.8	28.9	32.0	30.4	30.3	28.8	30.3	29.2
30	---	---	29.5	28.0	29.1	28.4	31.8	30.3	28.9	27.9	30.5	29.2
31	---	---	29.2	27.5	---	---	32.2	30.6	28.1	27.5	---	---
Month	---	---	---	---	32.9	26.8	33.4	27.2	33.9	27.5	32.3	27.4

255123081321300 FAKA UNION BOUNDARY AT CHANNEL MARKER 6, FL—Continued

