02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.

Tampa Bay Basin
Crystal-Pithlachascotee Subbasin

LOCATION.--Lat 29°00'03.09", long 82°45'57.45" referenced to North American Datum of 1927, S14 T17S R15E, Levy County, FL, Hydrologic Unit 03100207, (Withlacoochee Bay quadrangle), 5 mi southwest of Yankeetown at Levy County boat ramp, Green channel marker #39A, 7 mi southwest of U.S. Highway 19 on County Road 40, and 11 mi downstream from the Inglis Dam at the mouth of the Withlacoochee River.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1984 to September 1985 (gage-heights only); January 2005 to current year. Records of gage heights prior to January 2005 are available in files of the Geological Survey.

REVISED RECORDS.--WDR-US-2006:Revised figures of gage height, in feet NAVD 88, for October 1-11, 2006.

GAGE.--Water-stage recorder. Datum of gage is 0.28 ft above North American Vertical Datum of 1988. Prior to July 15, 2010, at site approximately ½ mile upstream at same datum. Prior to January 2005 datum of gage was National Geodetic Vertical Datum of 1929.

COOPERATION.--This gage is monitored in cooperation with the Southwest Florida Water Management District.

REMARKS.--Gage height at this site is significantly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 4.47 ft above datum of gage, June 13, 2006; minimum, 3.29 ft below datum of gage, Feb. 6, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.49 ft, Aug. 24; minimum, 2.98 ft below datum of gage, Aug. 9.

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	High-high	Low-low	High-high	Low-low	High-high	Low-low	High-high	Low-low	High-high	Low-low	High-high	Low-low
	October		November		December		January		February		March	
1	2.05	-1.39	2.46	-2.48	---	-2.75	2.70	-2.86	1.09	-2.94	1.67	-2.47
2	2.39	-1.40	1.79	-2.59	2.73	-2.05	0.68	-2.95	1.71	-2.45	3.39	-1.47
3	2.28	-1.85	1.42	-2.87	3.04	-2.44	0.75	-2.91	1.06	---	0.59	-2.50
4	2.20	-2.24	1.42	-2.93	1.79	-2.92	1.16	-2.78	1.63	-2.81	0.96	-2.92
5	2.40	-1.96	1.50	-2.90	2.43	-2.91	0.71	-2.72	2.34	-2.24	1.20	---
6	2.46	-2.20	1.07	-2.91	0.49	-2.90	0.69	-2.34	1.03	-1.28	1.01	-2.86
7	2.67	-2.12	1.14	-2.65	1.10	-2.37	1.22	-2.21	0.37	-2.62	1.02	-2.71
8	2.31	-2.44	1.38	-2.47	1.41	-1.79	0.96	-2.00	0.63	-2.61	0.78	-2.29
9	2.09	-2.05	2.41	-1.29	1.78	-0.97	-0.02	-2.62	1.96	-2.62	0.92	-2.16
10	2.11	-1.78	2.57	-0.26	0.93	-1.27	-0.53	-2.91	---	-2.81	1.49	-1.99
11	1.66	-2.00	2.16	-0.73	-0.66	-2.87	0.93	-2.94	---	-2.92	2.72	-2.16
12	1.66	-1.59	0.56	-1.64	1.26	-2.79	---	-2.89	1.86	-2.95	---	-1.78
13	1.56	-1.97	1.53	-1.86	1.77	-2.35	1.07	-2.94	---	-2.66	2.02	-1.45
14	2.11	-1.56	2.20	-2.20	2.02	-2.81	1.07	-2.94	0.76	-2.71	1.70	-2.38
15	2.57	-1.30	---	-2.35	---	-2.87	1.64	-2.93	2.02	-2.18	1.48	-2.09
16	2.88	-0.96	2.16	-2.59	1.74	-2.94	---	-2.79	1.49	-2.56	0.86	-2.52
17	1.82	-2.35	2.31	-2.67	0.49	-2.97	2.82	-1.84	1.18	-2.20	1.79	-2.48
18	0.61	-2.89	2.72	-2.43	2.61	-2.11	1.16	-2.47	0.95	-2.42	1.41	-2.62
19	0.55	-2.90	2.26	-2.55	---	-2.42	1.05	-2.45	1.22	-2.36	1.67	-2.61
20	1.09	-2.87	1.73	-2.41	0.97	-2.64	1.21	-2.20	1.31	---	1.92	-2.50
21	1.34	-2.21	1.90	-2.20	0.47	-2.60	2.42	---	1.47	-2.51	3.04	---
22	2.15	-1.73	1.58	-1.04	0.94	-2.17	1.38	---	1.72	-2.01	1.31	-1.58
23	2.21	-1.06	1.67	-1.43	1.33	-1.63	1.54	-1.83	1.26	-1.62	0.60	-1.73
24	2.18	-1.16	0.64	-1.46	2.01	-1.22	2.20	-1.92	1.11	-2.69	0.87	-2.54
25	0.84	-1.25	0.78	-1.42	1.84	-0.22	0.96	-0.80	---	-2.97	2.06	-2.75
26	0.86	-1.08	0.79	-0.84	1.05	-1.27	1.23	-2.81	---	-2.93	1.72	-1.61
27	1.60	-0.41	0.89	-2.25	1.35	-2.18	1.20	-2.94	1.69	-2.95	---	-2.63
28	1.36	-1.02	1.50	-2.11	0.78	-2.38	---	-2.94	2.32	-2.90	2.15	-2.22
29	1.58	-1.21	2.16	-2.22	1.20	-2.94	2.06	-2.93	---	---	2.50	-2.22
30	2.01	-1.57	2.69	-2.43	2.38	-2.93	2.68	-2.57	---	---	1.41	-2.42
31	---	-1.52	---	---	---	-2.89	1.99	-2.95	---	---	1.59	-2.91
Max	---	-0.41	---	-0.26	---	-0.22	---	---	---	---	---	---
Min	---	-2.90	---	-2.93	---	-2.97	---	---	---	---	---	---

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	High-high	Low-low	High-high	Low-low	High-high	Low-low	High-high	Low-low	High-high	Low-low	High-high	Low-low
	April		May		June		July		August		September	
1	1.76	-2.91	2.42	-2.25	1.84	-2.27	1.55	-1.79	1.77	-1.85	1.15	-2.24
2	1.95	-2.77	2.29	-1.89	1.66	---	1.39	-1.70	1.94	-1.93	1.51	-1.83
3	2.02	-2.56	1.74	---	1.44	-1.87	0.97	---	1.58	-1.90	1.39	-2.17
4	1.66	---	1.67	-1.78	1.79	-1.16	1.52	-1.22	1.55	-1.94	1.78	-2.59
5	1.28	-2.55	0.86	---	1.67	-1.03	1.90	-1.22	1.86	-1.97	2.27	-2.47
6	0.96	-2.21	0.60	-1.51	1.63	-1.07	1.55	-1.54	2.22	-2.20	2.72	-2.67
7	0.92	-1.88	0.89	-1.40	1.72	-1.59	1.55	-2.18	2.58	-2.39	2.71	-2.52
8	1.72	-1.54	1.10	-1.64	1.40	-2.41	1.94	-2.43	2.51	-2.83	2.85	-2.29
9	---	-1.08	---	-1.89	1.88	-2.69	2.19	-2.63	2.41	-2.98	2.73	-2.15
10	0.41	-2.61	0.91	-2.39	2.16	-2.76	2.65	-2.61	2.52	-2.79	2.65	-2.40
11	0.94	-2.74	1.89	-2.54	2.62	-2.84	2.78	-2.40	3.40	-1.50	2.49	-2.60
12	1.02	-2.90	1.99	-2.65	2.59	-2.86	2.72	-2.57	2.64	-1.75	2.39	-2.53
13	1.26	-2.90	2.16	-2.80	2.61	-2.84	2.41	-2.68	2.39	-1.52	2.25	-2.38
14	1.21	-2.90	2.25	-2.88	2.83	-2.67	2.09	-2.82	2.03	-2.01	1.94	-1.91
15	1.41	-2.90	2.48	-2.83	2.69	-2.38	2.04	---	1.96	-1.82	1.60	-1.63
16	1.82	-2.90	2.52	-2.50	2.23	-2.39	1.80	---	1.97	-1.74	1.71	-1.53
17	2.19	-2.81	2.48	-2.33	2.05	---	2.33	---	1.73	-1.79	1.57	-1.74
18	1.89	-2.66	1.91	---	1.75	-1.95	1.55	-1.67	1.49	-1.63	1.64	-1.96
19	1.80	---	1.71	-2.20	1.83	-1.78	1.62	-1.83	1.42	-2.02	1.71	-2.11
20	1.64	-2.90	1.54	-2.13	1.71	-1.96	1.57	-2.25	1.66	-2.22	1.99	-1.88
21	1.37	-2.58	1.24	-2.05	2.05	-2.26	1.73	-2.49	1.51	-2.40	2.21	-1.93
22	1.20	-2.20	1.62	-1.87	2.00	-2.28	1.89	-2.52	1.88	-2.13	1.94	-2.11
23	1.54	-2.45	1.71	-2.25	1.97	-2.73	1.59	-2.92	2.43	-1.37	1.92	-1.80
24	2.23	-1.96	1.96	-2.59	2.26	-2.72	2.57	-2.35	3.49	-0.22	2.04	-2.26
25	2.47	-1.10	1.86	-2.87	2.47	-2.76	2.02	-2.55	2.41	-1.32	1.76	-2.13
26	2.06	-1.36	2.01	-2.68	2.51	-2.51	2.27	-2.65	1.73	-1.63	2.79	-2.07
27	1.88	-1.62	2.39	-2.78	2.74	-2.29	1.99	-2.43	1.55	-2.20	2.60	-1.38
28	1.70	-2.86	2.51	-2.79	2.57	-2.16	1.79	-2.68	1.62	-2.23	2.52	-2.39
29	1.76	-2.88	2.60	-2.64	2.32	-1.96	1.71	-2.01	1.45	-2.31	2.17	-1.53
30	2.39	-2.25	2.50	-2.48	2.22	-1.68	1.59	-1.79	1.31	-2.18	1.96	-1.79
31	---	---	2.15	-2.44	---	---	1.75	-1.78	1.30	-2.22	---	---
Max	---	---	---	---	2.83	---	2.78	---	3.49	-0.22	2.85	-1.38
Min	---	---	---	---	1.40	---	0.97	---	1.30	-2.98	1.15	-2.67

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1984 to October 1985 (salinity); January 2005 to current year.

INSTRUMENTATION.--Water-quality monitor consisting of specific conductance and temperature sensors located near the surface and near the bottom. Top sensor elevation is 6.97 ft below datum of gage, (6.69 ft below NAVD 88). Bottom sensor elevation is 11.17 ft below bottom of gage, (10.89 ft below NAVD 88).

REMARKS.--Top temperature records are good, bottom temperature records are good. Top specific conductance records are fair, bottom specific conductance records are fair. Top and bottom sensors come out of water at times during extreme low tides. Specific conductance and temperature data represents recorded data in the water. The actual maximum or minimum value for these days may have been exceeded.

COOPERATION.--This gage is monitored in cooperation with the Southwest Florida Management District.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Top sensor maximum, 48,000 microsiemens, Oct. 3, 2007; bottom sensor maximum, 50,200 microsiemens, Nov. 17, 2007; top sensor minimum 630 microsiemens, Mar. 7, 2006; bottom sensor minimum, 336 microsiemens, June 20, 2005.

TEMPERATURE: Top sensor maximum, 35.1°C, July 18, 2006; bottom sensor maximum, 34.9°C, July 18, 2006; top sensor minimum, 5.1°C, Jan. 6, 11, 2010; bottom sensor minimum, 5.1°C, Jan. 11, 12, 2010.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Top sensor maximum, 42,900 microsiemens, Nov. 14; bottom sensor maximum, 44,000 microsiemens, Sept. 29; top sensor minimum, 1,010 microsiemens, Apr. 27; bottom sensor minimum, 1,010 microsiemens, Apr. 14.

TEMPERATURE: Top sensor maximum, 34.6°C, Aug. 3, 17; bottom sensor maximum, 34.4°C, Aug. 19; top sensor minimum, 5.1°C, Jan. 6, 11; bottom sensor minimum, 5.1°C, Jan. 11, 12.

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

TOP
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	39,300	4,560	40,000	---	39,800	---	37,500	---	26,200	---	28,000	---
2	37,900	4,070	39,000	---	39,200	---	36,600	---	28,800	---	26,100	2,600
3	35,500	3,820	38,200	---	39,900	---	38,400	---	26,600	---	29,200	---
4	34,900	---	39,600	---	35,200	---	40,200	---	29,600	---	29,000	---
5	35,500	---	40,300	---	36,300	---	41,300	---	32,600	---	27,800	---
6	33,600	---	40,800	---	32,700	---	41,600	---	27,800	5,850	26,500	---
7	34,600	---	40,300	---	38,700	---	40,300	---	29,600	---	23,600	---
8	33,900	---	40,000	---	37,700	---	38,100	---	29,400	---	22,800	---
9	33,400	---	38,900	13,000	37,900	11,300	34,400	---	28,600	---	25,700	---
10	34,400	---	39,900	16,100	35,600	7,030	30,300	---	29,800	---	27,000	---
11	35,600	---	39,400	13,400	28,600	---	41,100	---	33,200	---	27,400	---
12	36,400	10,200	34,400	1,940	35,000	---	40,100	---	33,200	---	21,300	---
13	38,400	---	41,900	---	37,800	---	37,400	---	33,000	---	19,900	1,080
14	37,900	8,520	42,900	---	38,000	---	38,600	---	30,800	---	18,500	---
15	37,900	5,610	41,500	---	38,000	---	38,100	---	31,200	---	18,100	---
16	37,500	7,060	42,000	---	36,300	---	37,900	---	30,300	---	19,400	---
17	34,600	---	42,000	---	32,400	---	---	---	32,000	---	19,800	---
18	37,900	---	40,700	---	37,600	---	31,900	---	30,700	---	19,200	---
19	38,000	---	39,700	---	35,700	---	31,700	---	29,600	---	21,900	---
20	40,000	---	41,800	---	36,600	---	31,400	---	28,600	---	18,100	---
21	41,000	---	40,600	---	38,200	---	35,600	6,890	28,400	---	19,600	---
22	41,100	---	39,200	13,100	38,200	---	31,900	4,020	28,300	---	15,500	1,100
23	40,300	12,200	35,800	12,000	36,900	12,200	35,000	---	26,800	1,640	20,000	1,180
24	40,800	12,100	39,200	13,400	38,400	11,700	38,100	---	25,200	---	15,300	---
25	37,200	13,100	41,200	13,100	38,200	15,800	31,600	11,600	28,500	---	19,000	---
26	40,100	14,000	38,800	14,400	34,400	9,080	30,900	---	27,100	---	17,900	1,060
27	40,200	18,000	40,600	---	38,000	---	29,600	---	28,500	---	18,000	---
28	39,200	12,800	41,300	---	36,800	---	31,600	---	28,700	---	18,800	---
29	42,800	13,000	40,400	---	39,800	---	32,300	---	---	---	19,900	---
30	41,700	13,800	39,800	---	38,900	---	33,200	---	---	---	16,600	---
31	40,300	5,100	---	---	38,900	---	29,200	---	---	---	16,500	---
Month	42,800	---	42,900	---	39,900	---	---	---	33,200	---	29,200	---

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

TOP
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	16,300	1,160	24,200	---	24,800	---	28,800	4,050	29,700	5,720	38,200	8,790
2	16,700	1,120	25,000	---	25,300	---	30,200	1,880	---	---	39,300	13,200
3	14,900	1,120	25,800	1,030	25,800	1,320	30,200	1,340	---	---	38,100	10,500
4	13,900	1,110	29,400	1,110	28,100	3,410	33,400	5,440	---	---	35,700	4,080
5	12,900	---	27,400	1,080	29,100	4,860	33,100	4,950	---	---	35,100	3,220
6	13,300	---	18,600	1,710	27,800	5,390	35,500	3,560	---	---	34,500	2,600
7	15,800	---	18,000	2,640	23,200	1,120	36,900	---	---	---	35,600	2,940
8	15,300	1,090	18,600	---	25,300	---	36,200	---	---	---	34,400	3,350
9	11,200	1,160	17,300	---	28,300	---	35,000	---	33,600	---	34,500	4,070
10	14,900	---	22,600	---	28,600	---	35,600	---	32,200	3,160	34,000	3,720
11	18,400	---	25,100	---	29,200	---	35,000	---	34,200	9,340	33,800	3,130
12	20,000	---	23,000	---	28,700	---	33,800	---	34,200	5,410	33,200	3,190
13	20,000	---	24,500	---	28,500	---	30,400	---	32,600	8,630	34,600	2,460
14	22,200	---	24,800	---	28,200	---	29,200	---	31,700	3,470	36,100	6,110
15	22,100	---	23,700	---	29,300	---	30,600	---	31,900	4,070	37,600	15,900
16	25,600	---	23,900	---	30,200	---	30,900	2,280	32,500	8,510	38,600	20,000
17	25,100	---	25,700	---	29,400	---	31,200	6,870	35,300	15,900	39,400	18,200
18	24,500	---	22,300	---	27,500	---	31,100	11,300	33,000	10,700	42,200	13,000
19	24,300	---	21,900	---	27,800	1,270	32,300	10,100	33,200	7,200	40,900	9,750
20	24,700	1,150	21,400	---	28,400	---	33,800	8,800	32,400	5,490	40,200	11,200
21	23,500	---	22,900	---	28,000	---	33,700	7,060	31,700	1,790	38,100	8,020
22	20,600	---	24,800	---	28,900	---	34,800	7,630	32,200	2,370	38,400	6,180
23	23,200	---	25,300	1,140	28,900	---	35,200	3,730	30,900	6,690	37,600	11,000
24	23,600	1,080	27,700	---	29,400	---	34,600	6,050	34,400	16,300	36,300	4,210
25	29,800	1,050	27,600	---	29,200	---	33,600	4,540	30,700	2,100	37,400	5,100
26	25,200	1,050	28,400	---	29,600	---	33,600	3,810	34,100	1,560	38,000	5,260
27	22,500	1,010	28,400	---	29,800	---	31,600	4,830	31,700	1,160	37,600	11,100
28	21,000	---	27,600	---	29,900	---	32,000	2,840	33,000	1,120	39,200	3,230
29	25,000	---	27,600	---	29,400	2,390	31,800	6,930	34,900	1,020	42,100	15,700
30	24,900	1,210	27,100	---	30,800	3,500	31,000	7,090	35,800	2,820	42,400	13,200
31	---	---	25,800	---	---	---	30,000	6,450	38,200	3,680	---	---
Month	29,800	---	29,400	---	30,800	---	36,900	---	---	---	42,400	2,460

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

BOTTOM
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	41,400	8,990	39,400	5,300	39,000	6,070	37,600	5,760	26,200	1,600	27,800	1,240
2	40,100	11,200	38,200	3,920	38,800	8,030	36,800	5,770	28,900	1,260	25,900	3,260
3	38,000	5,750	38,900	2,840	39,800	4,500	39,000	3,290	26,600	1,100	29,200	1,630
4	37,600	1,570	39,200	2,660	36,200	4,010	40,300	6,750	29,700	1,150	28,800	1,720
5	37,500	2,130	39,600	3,050	36,500	1,960	41,400	6,890	32,900	2,770	27,900	1,250
6	35,000	1,940	40,500	3,560	32,700	2,820	41,500	7,490	27,900	7,890	26,900	1,050
7	34,300	2,150	38,100	8,770	38,600	8,440	40,300	9,520	30,200	2,330	23,600	1,150
8	33,200	1,460	40,300	9,630	37,700	11,600	38,200	12,900	33,100	6,370	24,900	1,100
9	33,000	3,120	38,400	20,500	37,300	26,200	35,100	5,140	32,100	8,150	27,700	2,540
10	33,800	3,560	39,400	26,800	35,700	9,490	37,400	8,210	28,900	1,830	27,800	3,300
11	36,900	5,280	39,900	18,500	31,400	3,230	41,200	4,940	33,000	3,710	27,300	1,950
12	36,100	10,800	34,700	13,500	36,200	6,000	41,000	12,000	33,000	2,600	25,200	1,170
13	38,000	7,050	41,600	11,300	37,900	9,960	37,600	8,930	33,300	1,320	20,300	1,360
14	37,500	8,430	42,300	11,600	38,100	3,810	38,000	3,610	32,500	2,290	19,700	1,200
15	37,100	8,570	42,000	8,080	38,100	2,840	36,600	4,290	31,300	2,240	18,500	1,070
16	36,800	9,220	41,300	6,560	36,500	2,500	37,400	4,760	30,200	1,770	19,200	1,080
17	34,600	2,520	41,600	6,180	32,500	2,100	38,100	7,950	31,900	3,670	19,800	1,170
18	37,500	4,420	40,400	8,320	38,100	6,330	32,300	4,230	31,000	2,830	19,400	1,100
19	37,300	5,340	38,900	7,390	35,600	4,770	31,900	3,420	29,800	2,190	21,700	1,120
20	39,400	6,690	41,900	10,300	37,300	7,970	31,700	5,570	28,400	1,220	18,100	1,370
21	41,000	11,000	40,400	12,200	38,100	8,030	35,900	9,280	28,400	1,230	19,600	1,220
22	40,500	13,200	39,400	22,600	38,400	11,000	32,800	8,010	30,800	3,680	15,800	1,170
23	40,000	21,500	36,300	16,900	37,000	14,100	35,000	4,780	27,800	3,920	20,100	1,300
24	40,400	19,800	40,100	18,300	38,800	21,300	38,600	8,520	24,900	1,080	19,100	1,100
25	39,000	16,600	41,200	16,300	38,200	22,200	34,300	16,400	28,200	1,280	19,300	1,060
26	41,900	22,300	38,800	21,600	35,600	13,200	31,100	7,830	27,600	1,200	17,700	1,150
27	41,500	31,400	38,600	11,700	38,100	10,100	31,800	2,640	28,400	1,550	17,900	1,050
28	40,600	22,400	40,200	13,600	36,800	11,800	31,800	1,490	29,100	1,420	18,700	1,100
29	42,300	17,900	38,900	13,600	39,800	7,610	32,300	2,100	---	---	19,900	1,180
30	41,400	17,000	39,000	8,450	39,600	8,100	33,400	4,250	---	---	17,200	1,040
31	39,700	15,900	---	---	38,900	4,300	29,400	1,630	---	---	16,600	1,040
Month	42,300	1,460	42,300	2,660	39,800	1,960	41,500	1,490	33,300	1,080	29,200	1,040

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

BOTTOM
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 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	16,300	1,130	24,400	1,170	25,500	1,200	28,800	5,030	28,900	7,760	38,800	9,630
2	16,600	1,100	25,300	1,190	26,100	1,070	30,400	4,340	---	---	40,300	23,400
3	15,300	1,150	27,600	1,040	26,800	1,760	31,800	4,130	---	---	38,500	11,500
4	14,100	1,080	30,500	1,340	29,800	5,360	34,400	11,000	---	---	36,900	4,650
5	14,300	1,040	28,500	5,160	30,400	10,200	33,000	11,400	---	---	37,000	3,770
6	15,200	1,110	27,800	3,170	28,700	7,620	36,600	8,080	---	---	35,600	2,900
7	18,000	1,160	23,500	4,700	24,200	3,670	37,400	4,540	---	---	36,600	3,880
8	16,100	1,910	18,900	1,050	26,300	1,650	36,200	6,650	---	---	35,000	3,560
9	15,200	1,490	20,700	1,030	29,100	2,690	34,800	3,830	34,200	2,440	36,100	5,040
10	18,800	1,120	23,000	1,320	28,600	1,670	35,200	2,440	33,100	3,660	35,900	4,490
11	18,700	1,110	25,300	1,030	29,200	1,950	34,400	2,070	35,100	12,600	35,700	3,810
12	19,900	1,360	23,200	1,140	28,600	1,720	33,100	1,460	35,800	7,840	35,000	3,950
13	20,100	1,020	24,800	1,210	28,300	1,870	29,900	1,560	33,400	10,100	35,800	3,540
14	22,100	1,010	25,100	1,030	28,200	2,980	28,600	2,010	32,600	4,770	37,400	10,400
15	22,100	1,080	24,300	1,240	29,200	3,560	31,000	2,600	32,500	5,060	39,100	27,200
16	25,700	1,260	24,200	1,090	30,100	3,470	30,900	2,500	34,100	24,300	40,400	28,400
17	25,000	1,020	25,800	1,090	29,300	2,810	31,800	11,100	36,800	28,500	42,700	36,500
18	24,400	1,060	23,200	1,020	27,900	2,970	32,800	13,600	36,500	19,900	43,300	16,800
19	24,600	1,020	22,600	1,020	27,800	2,310	34,000	15,800	33,500	8,540	42,800	13,700
20	24,800	1,290	21,800	1,260	28,400	1,680	34,100	10,500	33,500	6,500	41,500	16,700
21	23,500	1,030	25,000	1,020	27,900	2,080	34,600	7,610	32,100	2,390	40,700	11,800
22	21,100	1,130	25,800	1,220	28,800	2,820	35,800	8,400	33,200	2,390	39,100	10,500
23	23,600	1,340	25,700	1,360	28,900	2,850	35,700	4,660	31,300	8,500	39,100	15,800
24	23,700	1,050	28,100	1,220	28,800	2,590	35,100	6,570	34,900	19,300	37,900	5,820
25	30,100	1,020	28,100	1,270	29,100	2,200	33,600	4,950	34,000	8,250	38,800	7,500
26	26,000	1,370	28,900	1,480	29,600	2,980	33,000	4,330	35,400	1,710	39,200	7,740
27	22,700	1,400	28,900	1,490	29,500	3,940	31,800	5,260	32,000	1,050	40,300	22,000
28	21,200	1,050	28,200	1,400	30,000	3,130	30,900	2,810	33,300	1,230	40,200	4,840
29	25,200	1,090	28,000	1,400	29,500	3,520	30,400	9,110	36,600	1,210	44,000	30,700
30	24,800	1,210	27,600	1,260	30,800	4,970	29,300	9,600	36,800	3,050	43,800	16,400
31	---	---	26,400	1,210	---	---	28,500	8,730	38,800	4,030	---	---
Month	30,100	1,010	30,500	1,020	30,800	1,070	37,400	1,460	---	---	44,000	2,900

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

TOP
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	28.0	24.6	25.8	22.6	18.5	16.5	14.9	12.4	15.2	13.1	15.9	12.4
2	26.6	24.5	23.5	21.5	19.4	17.5	14.5	10.3	15.8	13.9	15.6	13.5
3	27.7	25.1	22.6	20.3	20.3	18.4	---	9.1	---	12.6	14.2	10.0
4	27.9	25.5	22.7	20.0	18.5	16.7	11.8	7.3	16.6	13.5	14.2	9.7
5	27.2	26.0	23.5	20.1	---	16.0	10.9	7.2	16.9	15.6	15.9	10.2
6	29.7	26.3	22.0	19.5	16.1	13.4	11.3	5.1	16.4	15.1	17.0	11.6
7	30.3	27.1	23.0	19.2	17.7	14.3	10.9	6.5	15.9	12.7	16.7	12.0
8	32.3	27.7	23.8	19.4	19.7	15.5	9.6	8.1	15.8	11.6	17.0	13.0
9	32.2	28.6	21.6	20.4	19.6	17.4	9.1	5.8	14.6	12.9	16.3	14.1
10	32.5	29.1	22.2	20.7	19.4	17.3	---	---	14.7	10.3	17.9	14.0
11	32.8	29.7	22.5	21.2	18.2	14.3	7.9	5.1	---	---	17.6	16.0
12	30.8	29.2	21.3	18.4	16.7	14.0	8.3	5.3	---	8.5	18.0	16.6
13	30.3	28.8	20.0	16.8	17.7	15.3	8.8	6.0	12.1	8.1	18.9	16.1
14	29.3	28.1	20.5	18.2	19.4	16.6	10.2	6.8	12.1	7.9	18.9	16.3
15	29.7	27.8	20.8	18.8	19.6	17.3	11.3	7.7	12.3	9.7	18.5	15.7
16	28.7	26.3	21.0	19.2	18.9	17.0	12.6	9.5	12.5	9.6	18.8	15.1
17	26.4	18.7	21.3	19.3	18.8	16.6	14.6	11.1	12.0	8.7	17.8	16.1
18	21.9	17.5	21.9	19.9	18.9	17.2	14.5	13.0	13.4	9.2	18.3	15.4
19	21.0	16.8	21.8	19.9	18.6	14.9	15.9	12.6	13.3	10.1	19.1	15.3
20	21.6	17.3	21.5	19.6	17.6	13.0	16.3	13.3	15.3	11.9	20.3	16.6
21	22.3	19.2	22.4	19.8	16.9	12.0	16.3	14.0	16.5	12.3	18.1	17.3
22	24.4	20.7	20.7	20.1	16.9	12.6	17.3	15.9	16.1	14.1	17.6	15.4
23	25.8	21.9	22.8	20.2	15.3	13.0	18.3	15.4	18.3	15.3	18.5	13.6
24	24.5	22.4	21.4	20.4	16.3	13.6	19.3	16.3	16.9	14.3	20.0	15.3
25	24.4	20.5	20.6	19.2	17.2	15.9	18.9	16.7	15.7	11.4	19.0	16.5
26	25.4	21.1	20.5	17.4	16.2	13.7	17.2	15.0	15.4	11.1	20.0	18.1
27	24.0	22.3	18.1	12.0	15.0	13.0	17.1	14.0	14.8	11.9	20.5	18.0
28	25.6	23.1	16.7	13.3	14.5	12.1	16.9	14.9	14.9	11.4	20.2	18.5
29	25.8	23.5	16.9	13.9	13.1	10.3	17.1	15.1	---	---	20.5	17.4
30	25.8	24.4	17.4	14.9	13.7	11.4	16.8	15.5	---	---	20.3	16.6
31	26.4	24.4	---	---	14.4	11.9	16.0	13.9	---	---	20.8	16.6
Month	32.8	16.8	25.8	12.0	---	10.3	---	---	---	---	20.8	9.7

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

TOP
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	22.2	18.2	27.0	23.5	31.9	27.8	30.2	29.1	32.6	31.2	30.4	28.1
2	23.1	19.1	28.3	25.1	32.8	28.5	31.0	28.0	33.7	30.6	30.8	28.5
3	23.2	20.1	28.8	25.8	32.0	28.8	31.4	27.7	34.6	31.6	30.6	28.4
4	24.8	20.4	28.4	26.2	31.2	28.6	29.8	28.3	34.4	31.4	30.4	28.6
5	25.6	21.2	27.4	26.1	32.3	29.2	30.6	28.0	34.0	31.0	29.8	28.8
6	25.9	21.5	30.7	25.9	31.0	29.8	30.3	28.5	32.7	31.2	30.7	28.4
7	25.5	21.8	30.5	26.7	30.9	28.6	31.0	28.3	31.9	30.4	30.3	28.1
8	25.3	22.9	29.3	26.7	31.1	28.5	30.9	28.7	30.9	29.9	30.8	28.3
9	25.6	22.4	28.9	25.5	30.7	27.8	31.9	29.3	31.3	29.1	30.9	28.6
10	24.5	21.0	28.4	25.0	30.6	28.0	31.1	28.9	30.8	28.9	32.1	29.2
11	24.0	21.1	28.2	24.6	31.2	28.7	30.5	29.0	29.8	28.6	32.7	29.9
12	23.7	21.3	28.5	25.4	31.9	29.4	30.2	28.6	29.8	28.7	33.1	30.4
13	23.6	21.0	28.9	25.7	32.4	29.7	31.3	28.2	31.2	28.7	32.6	30.4
14	24.0	21.6	28.6	26.1	33.3	30.1	31.8	29.1	31.9	29.4	31.7	29.7
15	23.8	21.1	28.8	25.9	33.7	30.6	31.8	29.8	32.2	30.0	31.3	29.8
16	23.6	20.6	29.4	26.6	33.8	30.9	32.2	28.8	33.6	30.5	31.6	29.2
17	24.4	21.3	28.5	26.4	34.0	30.9	33.0	29.9	34.6	31.2	30.7	28.8
18	22.7	22.0	29.8	26.1	31.9	30.3	33.0	30.4	33.5	31.1	29.8	28.6
19	24.4	21.3	30.3	26.7	33.1	29.5	33.6	30.3	33.7	31.0	29.4	28.1
20	25.8	21.4	31.5	26.7	32.0	29.6	33.4	30.4	33.0	30.9	29.8	26.8
21	26.2	22.6	32.1	27.6	31.3	29.1	33.5	30.2	31.8	29.8	29.1	27.1
22	26.0	21.5	31.1	27.8	31.4	28.6	33.2	30.2	32.2	29.6	29.0	26.7
23	26.1	22.3	30.4	28.1	31.5	29.1	32.3	30.3	31.6	29.8	29.1	26.6
24	25.8	23.0	30.4	27.9	32.4	29.8	31.2	29.6	30.1	27.1	28.8	27.0
25	25.2	23.9	29.2	27.0	32.5	30.0	32.7	29.4	28.5	26.5	29.1	27.3
26	25.7	22.8	28.6	26.2	32.7	30.0	32.1	30.3	29.0	27.1	28.8	27.4
27	25.3	22.1	29.7	26.6	32.9	30.3	33.1	29.8	29.2	27.5	28.4	27.4
28	24.4	21.3	30.3	27.3	32.6	30.3	32.3	30.0	28.7	27.5	28.0	27.0
29	25.2	21.0	30.0	27.3	31.5	29.9	33.0	30.0	29.4	27.6	28.0	27.1
30	24.9	22.5	30.5	26.9	31.5	29.3	33.2	30.3	30.0	27.9	28.4	26.0
31	---	---	30.7	27.2	---	---	33.5	31.2	30.6	27.7	---	---
Month	26.2	18.2	32.1	23.5	34.0	27.8	33.6	27.7	34.6	26.5	33.1	26.0

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

BOTTOM
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	27.7	24.4	25.8	22.7	18.4	16.5	14.9	12.4	15.8	13.1	15.9	12.4
2	26.5	24.5	23.6	21.6	19.4	17.5	14.2	10.3	15.8	13.9	15.6	13.5
3	27.7	25.3	23.2	20.4	20.3	18.4	12.8	9.1	17.2	13.1	14.2	11.9
4	27.8	25.6	23.0	20.1	18.6	16.7	12.1	7.4	16.7	13.4	14.4	9.6
5	27.2	26.1	23.5	20.7	17.9	16.1	11.4	7.2	16.8	15.6	15.3	10.1
6	29.6	26.3	22.5	19.4	16.9	13.7	10.7	5.2	16.4	14.5	17.0	11.3
7	30.3	27.3	23.0	19.2	17.3	14.4	10.8	6.2	15.6	11.0	16.7	12.0
8	32.2	27.9	23.3	19.4	19.6	15.5	9.5	8.1	15.2	11.6	17.0	13.0
9	32.2	28.7	21.5	20.5	19.6	17.4	9.4	5.2	14.4	12.9	16.3	14.1
10	32.5	29.4	22.1	20.7	19.4	17.4	7.9	5.2	13.8	10.4	18.0	14.0
11	32.7	30.1	22.8	21.3	18.1	14.1	7.4	5.1	12.8	9.4	17.5	15.9
12	31.2	29.2	21.3	18.5	16.9	14.1	8.6	5.1	12.8	8.5	17.9	16.5
13	30.9	29.0	19.6	16.7	17.7	15.3	8.8	6.1	11.9	8.2	18.9	16.0
14	29.7	28.2	20.5	18.2	19.4	16.6	10.8	6.7	12.1	8.0	18.9	16.7
15	29.4	27.8	20.8	18.8	19.5	17.3	11.3	7.9	12.3	9.6	18.5	15.8
16	28.7	26.3	20.9	19.0	19.1	17.1	12.6	9.4	12.5	9.7	18.2	15.2
17	26.5	18.8	21.4	19.3	18.9	16.5	14.6	11.1	12.1	8.5	17.6	16.1
18	22.6	17.7	21.9	20.0	18.7	17.2	14.5	13.1	13.1	9.2	18.2	15.4
19	21.9	16.9	21.8	20.0	18.6	14.9	15.9	12.4	13.3	10.2	19.1	15.3
20	21.6	17.5	21.4	19.3	17.0	12.7	16.3	13.4	15.2	11.9	20.2	16.8
21	22.8	19.2	22.4	19.8	15.9	11.9	16.4	14.0	16.5	12.4	18.4	17.2
22	24.3	20.7	20.7	20.1	16.7	12.0	17.2	15.9	16.0	13.9	17.6	15.4
23	25.8	21.9	22.8	20.0	15.2	13.1	18.3	15.3	18.5	15.2	17.7	13.6
24	24.5	22.8	21.8	20.4	16.3	13.6	19.3	16.3	17.1	14.3	20.0	15.4
25	24.4	20.4	20.6	19.2	17.2	15.7	18.8	16.7	15.5	11.5	19.1	16.6
26	25.4	21.3	20.2	17.3	16.4	13.7	17.3	15.0	14.9	11.3	20.1	18.1
27	23.8	22.2	17.8	12.1	15.0	13.3	16.8	14.4	14.9	11.9	20.7	18.0
28	26.3	23.1	16.4	13.5	14.4	12.3	17.0	14.4	15.1	11.3	20.3	18.5
29	26.9	23.5	16.8	14.6	13.2	10.1	17.1	15.0	---	---	20.5	17.4
30	26.4	24.4	17.4	15.6	13.7	11.3	17.0	15.5	---	---	20.2	16.7
31	26.7	24.4	---	---	14.3	11.9	16.4	14.0	---	---	20.9	16.5
Month	32.7	16.9	25.8	12.1	20.3	10.1	19.3	5.1	18.5	8.0	20.9	9.6

02313272 WITHLACOOCHEE RIVER AT CHAMBERS ISLAND NEAR YANKEETOWN, FL.—Continued

BOTTOM
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	22.2	18.1	27.0	23.6	31.8	28.0	30.2	29.0	32.8	---	29.9	28.3
2	23.0	19.2	28.1	25.3	32.9	28.6	31.1	28.1	---	---	30.1	28.7
3	23.1	20.3	28.8	26.0	32.0	28.9	31.3	27.9	---	---	31.1	28.6
4	24.8	20.7	28.4	26.2	31.3	28.7	29.8	28.4	---	---	30.8	28.6
5	25.6	21.3	27.4	26.1	32.3	29.3	30.6	28.0	---	---	29.9	29.0
6	25.9	21.5	30.7	25.9	31.3	29.9	31.3	28.7	---	---	30.9	28.5
7	25.5	21.9	30.8	26.8	31.0	28.6	31.1	28.5	---	---	30.3	28.1
8	25.5	22.9	29.4	26.8	31.6	28.5	31.6	28.8	---	---	30.9	28.1
9	25.4	22.4	28.9	25.7	30.9	27.8	31.9	29.1	31.3	---	30.9	28.6
10	24.5	21.9	28.8	25.3	30.8	28.0	31.2	28.7	30.9	28.8	32.1	29.3
11	24.1	21.7	28.4	24.7	31.4	28.6	30.5	28.8	29.9	28.6	32.8	30.0
12	24.0	21.3	28.5	25.5	32.2	29.4	30.0	28.6	29.9	28.8	33.0	30.6
13	23.9	20.9	29.1	25.7	32.5	29.8	31.5	28.3	31.1	28.7	32.1	30.6
14	24.1	21.5	28.7	26.2	33.3	30.2	31.8	29.2	31.6	29.5	31.8	29.8
15	23.8	21.3	29.0	26.0	33.7	30.5	31.3	29.9	32.0	30.1	31.1	30.1
16	23.6	20.7	29.5	26.8	33.8	31.0	32.2	28.9	33.2	30.6	30.6	29.3
17	24.3	21.3	28.5	26.4	34.0	31.0	32.6	30.1	34.0	31.4	30.0	29.0
18	22.9	22.1	29.8	26.2	32.2	30.4	32.9	30.5	33.2	31.1	30.0	28.9
19	24.2	21.2	30.3	26.8	33.2	29.6	34.3	30.4	34.4	31.2	29.6	28.4
20	25.7	21.6	31.6	27.3	32.0	29.6	34.2	30.5	33.2	31.2	29.8	27.8
21	26.2	22.6	32.3	27.7	31.6	29.2	34.0	30.4	32.0	30.3	29.2	27.1
22	25.9	21.7	31.2	27.9	31.6	28.7	33.6	30.5	32.3	30.1	28.9	26.6
23	26.1	22.4	30.6	28.1	31.8	29.1	32.5	30.7	31.6	29.8	29.1	26.4
24	26.1	23.0	30.3	28.0	32.6	29.8	31.3	29.9	30.1	27.2	28.8	26.8
25	25.1	23.9	29.3	27.0	32.6	30.1	32.6	29.9	28.2	26.6	29.1	27.3
26	25.7	22.8	28.6	26.1	32.8	30.1	32.3	30.4	28.9	27.4	28.8	27.4
27	25.2	22.3	29.9	26.4	33.0	30.4	33.2	29.6	29.2	27.5	28.1	27.5
28	24.2	21.4	31.0	27.1	32.6	30.4	32.4	29.7	28.5	27.5	28.0	26.9
29	25.2	21.2	30.1	27.3	31.5	30.1	33.1	30.0	29.0	27.6	27.8	27.2
30	24.6	22.5	30.5	27.1	31.5	29.5	33.3	30.3	29.6	28.2	29.0	26.0
31	---	---	30.7	27.4	---	---	33.5	31.3	29.7	28.2	---	---
Month	26.2	18.1	32.3	23.6	34.0	27.8	34.3	27.9	---	---	33.0	26.0