

Water-Data Report 2011

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 September 2011. Discontinued.

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, 1.22 ft Oct. 1; minimum, 0.14 ft Dec. 16-18, 22, 23, Feb. 7, 8, July 14, 17, 30, and Aug. 9.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.14	0.70	0.39	---	0.23	---	---	---	---	---	---	0.60
2	1.01	0.68	0.37	---	0.22	---	---	---	---	---	---	0.56
3	0.97	0.72	0.34	---	0.21	---	---	---	---	---	---	0.54
4	0.94	0.80	0.32	---	0.20	---	---	---	---	---	---	0.52
5	0.90	0.81	0.30	---	0.19	---	---	---	---	---	---	0.50
6	0.90	0.79	0.28	---	0.18	---	---	---	---	---	---	0.49
7	0.91	0.76	0.26	---	0.16	---	---	---	---	---	---	0.48
8	0.90	0.75	0.24	---	---	---	---	---	---	0.26	---	0.46
9	0.88	0.74	0.23	---	---	---	---	---	---	0.33	---	0.44
10	0.86	0.72	0.22	---	---	---	---	---	---	0.34	0.22	0.42
11	0.84	0.70	0.21	---	---	---	---	---	---	0.31	0.32	0.40
12	0.84	0.67	0.20	---	---	---	---	---	---	0.27	0.38	0.41
13	0.87	0.63	0.19	---	---	---	---	---	---	0.20	0.39	0.46
14	0.88	0.60	0.17	---	---	---	---	---	---	---	0.46	0.44
15	0.84	0.57	0.15	---	---	---	---	---	---	---	0.44	0.41
16	0.79	0.54	0.15	---	---	---	---	---	---	---	0.46	0.38
17	0.74	0.52	0.14	---	---	---	---	---	---	---	0.47	0.34
18	0.74	0.52	0.16	0.31	---	---	---	---	---	0.17	0.46	0.33
19	0.76	0.53	0.18	0.36	---	---	---	---	---	0.20	0.48	0.32
20	0.76	0.51	0.17	0.41	---	---	---	---	---	0.20	0.55	0.31
21	0.76	0.50	0.16	0.42	---	---	---	---	---	0.21	0.57	0.29
22	0.75	0.49	0.15	0.40	---	---	---	---	---	0.22	0.56	0.29
23	0.73	0.48	0.13	0.36	---	---	---	---	---	0.25	0.54	0.33
24	0.71	0.47	---	0.33	---	---	---	---	---	0.27	0.56	0.40
25	0.70	0.46	---	0.31	---	---	---	---	---	0.25	0.56	0.46
26	0.68	0.45	---	0.34	---	---	---	---	---	0.22	0.55	0.55
27	0.66	0.43	---	0.32	---	---	---	---	---	0.20	0.53	0.61
28	0.65	0.41	---	0.29	---	---	---	---	---	0.19	0.55	0.62
29	0.65	0.40	---	0.27	---	---	---	---	---	0.17	0.59	0.61
30	0.71	0.40	---	0.25	---	---	---	---	---	---	0.60	0.61
31	0.69	---	---	0.24	---	---	---	---	---	---	0.62	---
Mean	0.81	0.59	---	---	---	---	---	---	---	---	---	0.45
Max	1.14	0.81	---	---	---	---	---	---	---	---	---	0.62
Min	0.65	0.40	---	---	---	---	---	---	---	---	---	0.29

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SALINITY: October 2003 to September 2011. Discontinued.

SPECIFIC CONDUCTANCE: October 2003 to September 2011. Discontinued.

WATER TEMPERATURE: October 2003 to September 2011. Discontinued.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Specific conductance and salinity record rated excellent. Water temperature record rated excellent except for the following periods: Apr. 8 to Aug. 2, rated good. 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, Sept. 3, 2009, Sept. 29, 2010 and Jan. 2-17, 2011.

SPECIFIC CONDUCTANCE: Maximum recorded, 1,370 $\mu\text{S}/\text{cm}$ July 12, 2011; minimum recorded, 57 $\mu\text{S}/\text{cm}$ Aug. 25, 2005.

WATER TEMPERATURE: Maximum recorded, 38.5°C Aug. 5, 2007; minimum recorded, 5.9 °C Jan. 11, 2010.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 0.3 ppt Nov. 24-30, Dec. 1-22, Jan. 23-31 and Feb. 1-7; minimum recorded, 0.1 ppt Jan. 2-17.

SPECIFIC CONDUCTANCE: Maximum recorded, 1,370 $\mu\text{S}/\text{cm}$ July 12; minimum recorded, 282 $\mu\text{S}/\text{cm}$ Jan. 17.

WATER TEMPERATURE: Maximum recorded, 38.0°C July 14; minimum recorded, 6.3°C Dec. 15.

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.3	---	---	---
2	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.3	---	---	---
3	0.2	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
4	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
5	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
6	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
7	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
8	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
9	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
10	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
11	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	---	---	---
12	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	0.3	0.3	0.3	---	---	---
14	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	0.3	0.3	0.3	---	---	---
16	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	0.3	0.2	0.2	---	---	---
18	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	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	---	---	---	0.3	0.2	0.3
25	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.3	0.3	0.3
26	0.2	0.2	0.2	0.2	0.2	0.2	---	---	---	0.3	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	0.3	0.2	0.2	---	---	---	0.2	0.2	0.2
29	0.2	0.2	0.2	0.3	0.2	0.3	---	---	---	0.3	0.2	0.3
30	0.2	0.2	0.2	0.3	0.2	0.3	---	---	---	0.3	0.2	0.3
31	0.2	0.2	0.2	---	---	---	---	---	---	0.3	0.3	0.3
Month	0.2	0.1	0.2	0.3	0.2	0.2	---	---	---	---	---	---

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	0.3	0.2	0.3	---	---	---	---	---	---	---	---	---
2	0.3	0.3	0.3	---	---	---	---	---	---	---	---	---
3	0.3	0.3	0.3	---	---	---	---	---	---	---	---	---
4	0.3	0.3	0.3	---	---	---	---	---	---	---	---	---
5	0.3	0.3	0.3	---	---	---	---	---	---	---	---	---
6	0.3	0.3	0.3	---	---	---	---	---	---	---	---	---
7	0.3	0.2	0.2	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
2	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
3	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
4	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
5	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
6	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
7	---	---	---	---	---	---	---	---	---	0.2	0.2	0.2
8	---	---	---	0.4	0.3	0.4	---	---	---	0.2	0.2	0.2
9	---	---	---	0.4	0.4	0.4	---	---	---	0.2	0.2	0.2
10	---	---	---	0.5	0.4	0.5	0.4	0.3	0.4	0.2	0.2	0.2
11	---	---	---	0.7	0.5	0.6	0.4	0.3	0.3	0.2	0.2	0.2
12	---	---	---	0.7	0.7	0.7	0.3	0.3	0.3	0.2	0.2	0.2
13	---	---	---	0.7	0.6	0.6	0.3	0.2	0.3	0.2	0.2	0.2
14	---	---	---	---	---	---	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
16	---	---	---	---	---	---	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
18	---	---	---	0.6	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2
19	---	---	---	0.6	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2
20	---	---	---	0.6	0.5	0.6	0.2	0.2	0.2	0.2	0.2	0.2
21	---	---	---	0.6	0.6	0.6	0.2	0.2	0.2	0.3	0.2	0.2
22	---	---	---	0.6	0.5	0.6	0.3	0.2	0.2	0.3	0.2	0.2
23	---	---	---	0.6	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2
24	---	---	---	0.5	0.5	0.5	0.3	0.2	0.3	0.2	0.2	0.2
25	---	---	---	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2
26	---	---	---	0.5	0.5	0.5	0.3	0.2	0.2	0.2	0.2	0.2
27	---	---	---	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2
28	---	---	---	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
29	---	---	---	0.4	0.3	0.4	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
31	---	---	---	---	---	---	0.2	0.2	0.2	---	---	---
Month	---	---	---	---	---	---	---	---	---	0.3	0.2	0.2

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	355	323	339	470	443	458	567	497	552	---	---	---
2	355	324	342	475	438	457	564	541	554	---	---	---
3	358	335	348	458	419	436	565	549	558	---	---	---
4	366	347	356	426	397	409	571	555	562	---	---	---
5	378	359	370	431	409	419	574	558	566	---	---	---
6	433	377	390	440	422	432	581	562	570	---	---	---
7	435	397	414	450	434	442	582	567	573	---	---	---
8	474	434	457	456	442	450	593	571	578	---	---	---
9	489	474	483	461	447	454	586	572	580	---	---	---
10	499	485	492	465	439	450	640	576	591	---	---	---
11	518	496	504	456	440	447	616	577	592	---	---	---
12	517	489	507	463	443	456	608	583	593	---	---	---
13	512	460	494	480	462	473	602	584	591	---	---	---
14	493	475	484	495	478	487	615	579	595	---	---	---
15	494	465	482	508	491	500	631	577	600	---	---	---
16	489	460	474	514	501	508	630	573	593	---	---	---
17	479	453	468	522	506	515	593	446	537	---	---	---
18	482	459	471	526	459	515	610	393	479	455	319	409
19	491	462	477	513	494	507	616	568	593	510	447	483
20	489	462	476	518	509	513	625	588	604	505	475	490
21	494	465	479	524	513	518	625	588	602	513	500	504
22	495	468	483	526	512	521	618	523	581	525	513	518
23	503	475	489	528	520	524	---	---	---	546	525	540
24	502	478	490	534	525	530	---	---	---	556	543	549
25	500	474	488	538	527	534	---	---	---	566	550	558
26	500	475	487	543	532	539	---	---	---	566	383	521
27	497	472	485	547	535	543	---	---	---	540	527	534
28	497	477	486	556	534	548	---	---	---	547	536	543
29	498	403	480	560	535	552	---	---	---	562	540	549
30	473	436	456	562	543	556	---	---	---	570	548	557
31	474	444	462	---	---	---	---	---	---	581	550	564
Month	518	323	455	562	397	490	---	---	---	---	---	---

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	583	544	566	---	---	---	---	---	---	---	---	---
2	586	549	570	---	---	---	---	---	---	---	---	---
3	598	561	578	---	---	---	---	---	---	---	---	---
4	598	566	583	---	---	---	---	---	---	---	---	---
5	604	555	586	---	---	---	---	---	---	---	---	---
6	609	556	581	---	---	---	---	---	---	---	---	---
7	585	409	527	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	477	455	467
2	---	---	---	---	---	---	---	---	---	486	467	480
3	---	---	---	---	---	---	---	---	---	498	485	489
4	---	---	---	---	---	---	---	---	---	500	490	496
5	---	---	---	---	---	---	---	---	---	514	500	507
6	---	---	---	---	---	---	---	---	---	524	503	514
7	---	---	---	---	---	---	---	---	---	527	509	519
8	---	---	---	820	674	755	---	---	---	529	509	518
9	---	---	---	897	776	831	---	---	---	530	507	521
10	---	---	---	994	897	954	776	737	752	530	510	524
11	---	---	---	1,340	994	1,150	783	617	719	533	522	528
12	---	---	---	1,370	1,340	1,360	709	634	666	541	486	524
13	---	---	---	1,340	1,300	1,310	655	456	593	524	505	517
14	---	---	---	---	---	---	490	456	471	523	504	515
15	---	---	---	---	---	---	504	441	470	526	502	516
16	---	---	---	---	---	---	469	431	448	522	495	513
17	---	---	---	---	---	---	484	461	473	529	497	514
18	---	---	---	1,160	1,020	1,130	527	482	500	536	502	520
19	---	---	---	1,160	1,130	1,140	554	484	526	545	492	525
20	---	---	---	1,170	1,080	1,160	539	517	525	548	501	528
21	---	---	---	1,200	1,170	1,190	542	523	534	554	492	529
22	---	---	---	1,200	1,090	1,160	549	521	538	554	473	513
23	---	---	---	1,150	1,100	1,120	554	526	542	533	430	492
24	---	---	---	1,130	1,100	1,100	566	534	549	482	388	440
25	---	---	---	1,140	1,080	1,120	557	512	540	442	389	422
26	---	---	---	1,080	963	1,010	559	521	542	434	414	425
27	---	---	---	965	875	912	557	518	540	429	392	412
28	---	---	---	899	822	858	546	505	528	447	415	427
29	---	---	---	857	738	805	525	471	499	451	435	446
30	---	---	---	---	---	---	500	472	489	479	446	458
31	---	---	---	---	---	---	493	454	478	---	---	---
Month	---	---	---	---	---	---	---	---	---	554	388	493

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	31.8	26.0	28.2	29.6	25.5	27.3	25.9	19.7	22.6	---	---	---
2	33.3	26.8	29.0	28.9	24.9	26.8	22.1	16.9	19.1	---	---	---
3	32.9	27.2	29.7	26.8	24.5	25.7	20.4	14.5	17.3	---	---	---
4	32.0	26.4	29.0	27.0	24.6	25.6	20.8	15.0	17.5	---	---	---
5	27.8	25.4	26.7	25.9	21.6	24.3	20.7	15.4	18.0	---	---	---
6	29.1	24.7	26.2	22.4	18.5	20.2	18.9	13.6	16.4	---	---	---
7	27.4	23.0	25.1	21.2	15.6	18.5	16.0	11.3	13.4	---	---	---
8	29.1	22.9	25.7	19.7	17.6	18.7	15.9	10.4	12.9	---	---	---
9	29.9	24.0	26.7	23.0	17.4	20.1	13.7	11.8	12.7	---	---	---
10	30.3	24.6	27.2	23.7	17.9	21.0	18.7	11.5	14.6	---	---	---
11	29.8	25.3	27.4	24.2	19.5	21.9	20.7	13.5	16.6	---	---	---
12	27.2	25.9	26.4	24.4	20.0	22.2	21.5	14.8	17.5	---	---	---
13	29.4	25.2	27.1	23.7	19.8	22.0	17.6	11.3	14.9	---	---	---
14	27.4	26.3	26.8	23.5	20.2	21.9	14.2	7.3	10.1	---	---	---
15	29.9	25.0	27.2	24.3	19.8	22.0	16.5	6.3	10.2	---	---	---
16	29.3	23.6	26.3	25.0	20.2	22.5	20.8	8.0	13.2	---	---	---
17	29.1	23.2	26.1	25.8	20.7	23.0	23.6	11.9	16.4	---	---	---
18	28.7	23.9	26.1	25.0	21.7	23.1	21.8	14.6	17.7	25.1	16.8	20.2
19	30.0	24.3	26.9	24.1	20.3	22.0	22.6	16.0	18.4	24.8	19.6	21.9
20	29.2	25.1	27.1	24.6	20.0	21.9	22.1	13.2	16.6	25.7	19.7	22.4
21	30.1	25.3	27.6	25.4	20.5	22.4	23.4	12.7	16.6	26.2	21.1	23.0
22	29.8	25.4	27.4	24.8	21.1	22.3	22.5	12.7	16.4	22.9	16.1	20.7
23	28.1	25.3	26.5	24.8	20.9	22.5	---	---	---	19.6	12.6	16.1
24	29.4	25.2	27.0	25.4	20.9	22.6	---	---	---	20.4	15.0	17.4
25	29.7	25.6	27.4	25.0	20.7	22.6	---	---	---	24.8	18.0	20.7
26	29.6	26.0	27.6	25.4	21.6	23.1	---	---	---	23.8	19.0	20.5
27	30.7	26.4	28.4	26.4	22.4	23.6	---	---	---	22.9	16.0	18.9
28	30.1	26.7	28.2	26.2	21.4	23.2	---	---	---	20.5	13.4	16.1
29	29.9	25.8	27.6	26.1	21.2	23.2	---	---	---	22.5	11.5	15.7
30	29.6	24.9	27.1	26.5	22.1	23.6	---	---	---	22.1	12.2	16.1
31	28.1	25.2	26.7	---	---	---	---	---	---	24.2	13.5	18.1
Month	33.3	22.9	27.2	29.6	15.6	22.7	---	---	---	---	---	---

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	27.6	16.8	20.5	---	---	---	---	---	---	---	---	---
2	26.4	17.3	21.1	---	---	---	---	---	---	---	---	---
3	26.7	17.8	21.4	---	---	---	---	---	---	---	---	---
4	26.2	17.8	21.2	---	---	---	---	---	---	---	---	---
5	28.4	19.4	22.3	---	---	---	---	---	---	---	---	---
6	29.9	18.0	22.6	---	---	---	---	---	---	---	---	---
7	29.1	19.6	23.1	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---

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

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	33.2	28.7	30.1
2	---	---	---	---	---	---	---	---	---	31.5	28.1	29.2
3	---	---	---	---	---	---	---	---	---	32.7	27.6	29.6
4	---	---	---	---	---	---	---	---	---	33.6	28.3	30.4
5	---	---	---	---	---	---	---	---	---	35.1	28.6	31.2
6	---	---	---	---	---	---	---	---	---	35.1	29.3	31.5
7	---	---	---	---	---	---	---	---	---	35.3	29.0	31.4
8	---	---	---	31.4	24.0	27.2	---	---	---	35.5	29.5	31.8
9	---	---	---	31.7	27.5	28.9	---	---	---	36.1	29.6	32.0
10	---	---	---	35.2	27.6	30.5	30.4	26.4	27.5	35.5	29.4	31.5
11	---	---	---	35.5	28.8	31.3	28.8	26.2	27.4	35.4	28.8	31.4
12	---	---	---	35.8	28.5	31.1	30.0	26.6	28.1	32.8	28.8	30.0
13	---	---	---	37.1	27.9	31.3	35.2	27.1	29.6	32.8	27.9	29.5
14	---	---	---	---	---	---	34.8	27.4	30.2	33.2	27.7	29.8
15	---	---	---	---	---	---	31.8	28.7	30.1	34.0	27.4	30.1
16	---	---	---	---	---	---	34.7	27.7	30.4	34.4	27.8	30.3
17	---	---	---	---	---	---	35.4	29.4	31.6	33.4	27.3	29.8
18	---	---	---	36.7	25.8	29.0	35.1	29.5	31.6	33.0	27.1	29.2
19	---	---	---	34.1	26.3	29.3	32.4	28.1	29.7	33.3	27.0	29.5
20	---	---	---	36.7	27.0	30.1	32.7	27.5	29.5	34.2	27.3	29.9
21	---	---	---	37.5	27.5	31.1	35.8	28.9	31.6	33.5	27.1	29.6
22	---	---	---	35.6	28.1	30.8	35.8	30.2	32.1	30.6	27.3	28.4
23	---	---	---	36.7	27.9	31.4	33.3	29.3	30.8	32.5	26.7	29.0
24	---	---	---	36.2	29.0	31.6	34.3	28.2	30.5	30.0	27.1	28.1
25	---	---	---	36.5	28.4	31.2	33.9	28.2	30.4	30.1	26.7	27.5
26	---	---	---	37.0	27.8	31.2	34.0	28.3	30.7	28.4	26.1	26.9
27	---	---	---	32.6	28.0	29.5	35.1	29.4	31.6	33.2	25.7	28.6
28	---	---	---	36.4	27.0	30.4	34.0	29.5	31.2	31.7	28.1	29.6
29	---	---	---	36.9	27.5	30.8	32.8	28.8	30.3	31.2	28.0	29.3
30	---	---	---	---	---	---	31.4	28.3	29.4	33.5	27.6	30.0
31	---	---	---	---	---	---	33.9	27.4	30.0	---	---	---
Month	---	---	---	---	---	---	---	---	---	36.1	25.7	29.8