

Water-Data Report 2011

254154080213704 Local number G -3880

Biscayne aquifer
Biscayne Limestone Aquifer

Miami-Dade County, FL

LOCATION.--Lat 25°41'54.65", long 80°21'37.6" referenced to North American Datum of 1983, in SE ¼ NE ¼ NW ¼ sec.32, T.54 S., R.40 E., Miami-Dade County, FL, Hydrologic Unit 03090202, about 0.36 mi east-northeast of the intersection of SW 107th Avenue and SW 76th Street and 60 ft south of the Snapper Creek (C-2) Canal.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 14.1 ft. Upper casing diameter 4 in.; top of first opening 8.4 ft, bottom of last opening 14.1 ft.

DATUM.--Land-surface datum is 8.13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 7.60 ft above National Geodetic Vertical Datum of 1929, April 9, 2010, to present.

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

GAGE.--Electronic data logger with pressure transducer and water temperature probe.

COOPERATION.--Miami-Dade Water & Sewer Department (WASD).

REMARKS.--Water level record rated fair. Water levels are affected by well field pumping.

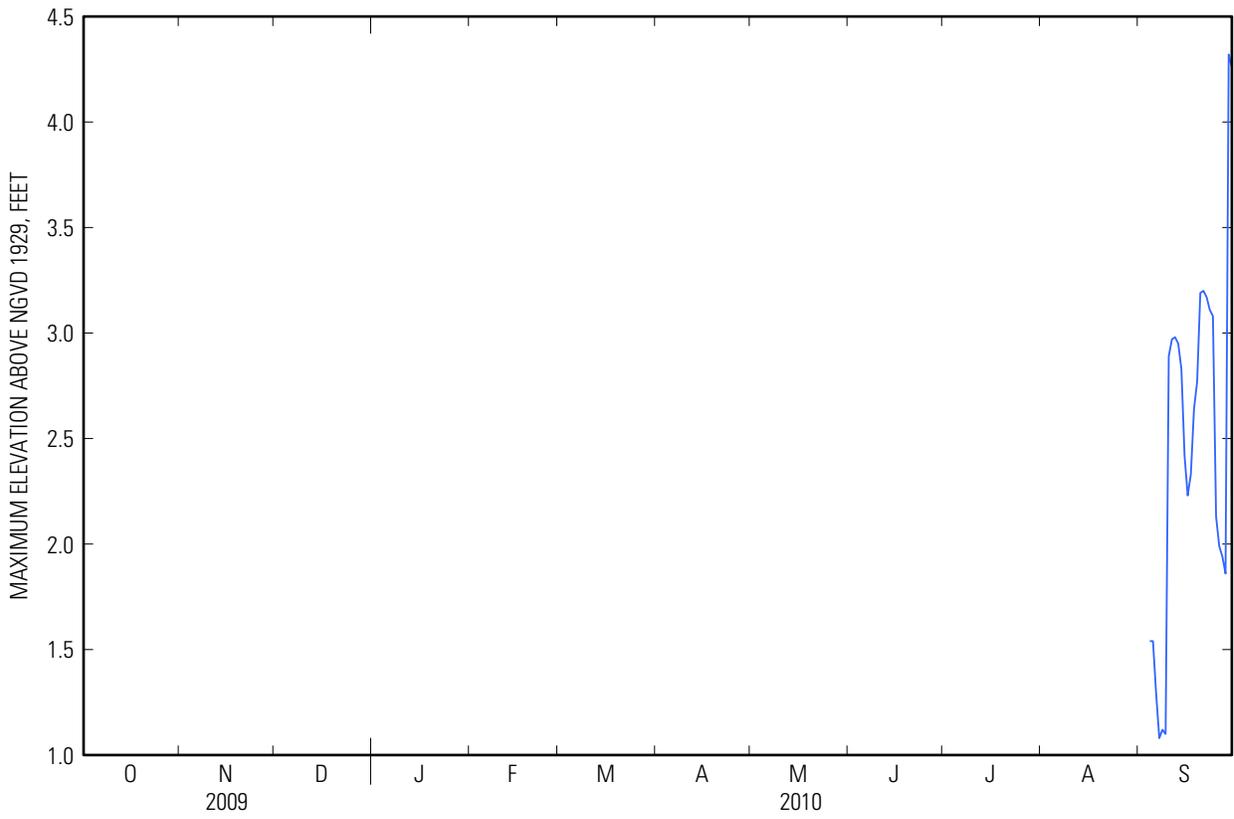
EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.32 ft NGVD, Sept. 29, 2010; lowest, 0.99 ft below NGVD, May 23, 2011.

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ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	1.54
5	---	---	---	---	---	---	---	---	---	---	---	1.54
6	---	---	---	---	---	---	---	---	---	---	---	1.29
7	---	---	---	---	---	---	---	---	---	---	---	1.08
8	---	---	---	---	---	---	---	---	---	---	---	1.12
9	---	---	---	---	---	---	---	---	---	---	---	1.10
10	---	---	---	---	---	---	---	---	---	---	---	2.89
11	---	---	---	---	---	---	---	---	---	---	---	2.97
12	---	---	---	---	---	---	---	---	---	---	---	2.98
13	---	---	---	---	---	---	---	---	---	---	---	2.95
14	---	---	---	---	---	---	---	---	---	---	---	2.83
15	---	---	---	---	---	---	---	---	---	---	---	2.42
16	---	---	---	---	---	---	---	---	---	---	---	2.23
17	---	---	---	---	---	---	---	---	---	---	---	2.33
18	---	---	---	---	---	---	---	---	---	---	---	2.64
19	---	---	---	---	---	---	---	---	---	---	---	2.77
20	---	---	---	---	---	---	---	---	---	---	---	3.19
21	---	---	---	---	---	---	---	---	---	---	---	3.20
22	---	---	---	---	---	---	---	---	---	---	---	3.17
23	---	---	---	---	---	---	---	---	---	---	---	3.11
24	---	---	---	---	---	---	---	---	---	---	---	3.08
25	---	---	---	---	---	---	---	---	---	---	---	2.13
26	---	---	---	---	---	---	---	---	---	---	---	1.99
27	---	---	---	---	---	---	---	---	---	---	---	1.94
28	---	---	---	---	---	---	---	---	---	---	---	1.86
29	---	---	---	---	---	---	---	---	---	---	---	4.32
30	---	---	---	---	---	---	---	---	---	---	---	4.26
31	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

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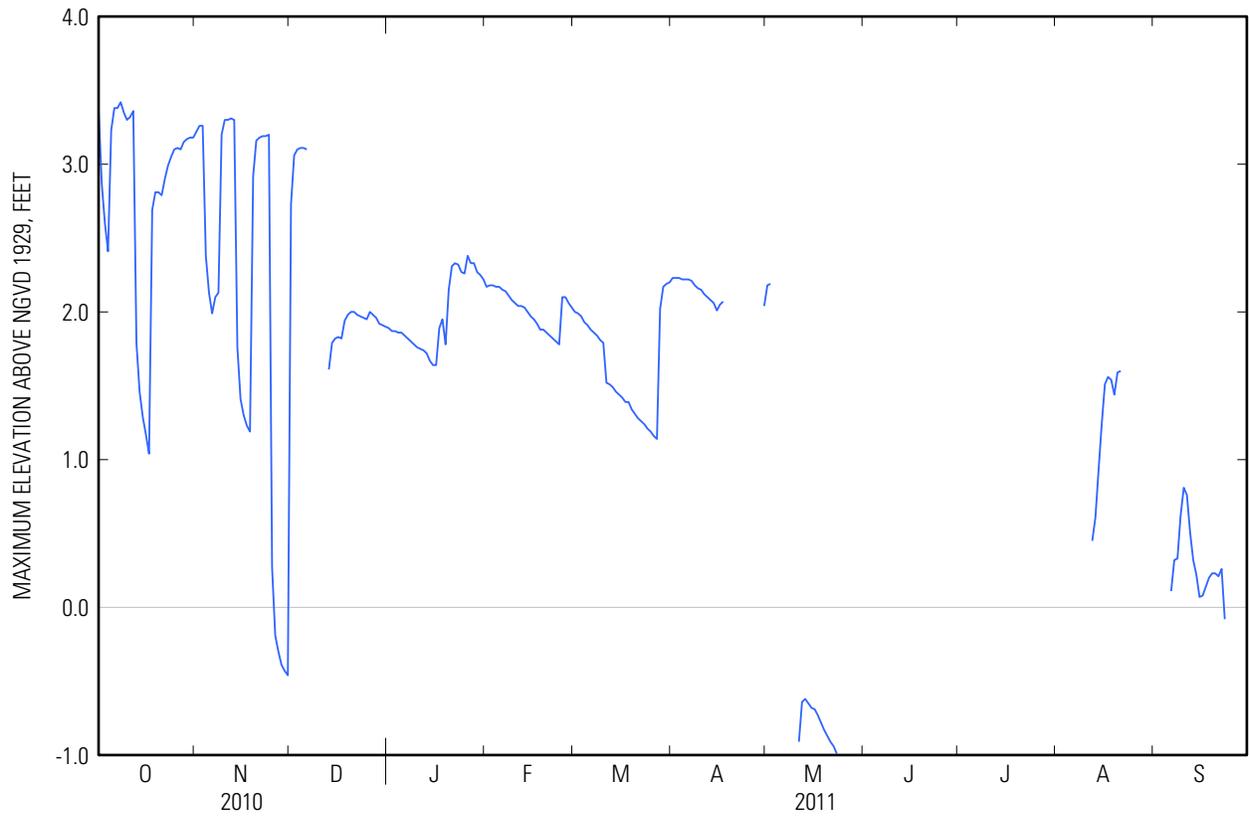


254154080213704 Local number G -3880—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.37	3.22	2.73	1.89	2.17	2.00	2.23	2.18	---	---	---	---
2	2.87	3.26	3.06	1.87	2.18	1.99	2.23	2.19	---	---	---	---
3	2.60	3.26	3.10	1.87	2.18	1.97	2.23	---	---	---	---	---
4	2.41	2.38	3.11	1.86	2.17	1.93	2.22	---	---	---	---	---
5	3.23	2.13	3.11	1.86	2.17	1.91	2.22	---	---	---	---	---
6	3.38	1.99	3.10	1.84	2.15	1.88	2.22	---	---	---	---	0.11
7	3.38	2.10	---	1.82	2.14	1.86	2.21	---	---	---	---	0.32
8	3.42	2.13	---	1.80	2.11	1.84	2.18	---	---	---	---	0.33
9	3.35	3.20	---	1.78	2.08	1.81	2.16	---	---	---	---	0.62
10	3.30	3.30	---	1.76	2.06	1.79	2.15	---	---	---	---	0.81
11	3.32	3.30	---	1.75	2.04	1.52	2.12	-0.91	---	---	---	0.76
12	3.36	3.31	---	1.74	2.04	1.51	2.10	-0.64	---	---	0.45	0.51
13	1.79	3.30	1.61	1.72	2.03	1.49	2.08	-0.62	---	---	0.61	0.32
14	1.46	1.76	1.79	1.67	2.00	1.46	2.06	-0.65	---	---	0.93	0.22
15	1.29	1.41	1.82	1.64	1.97	1.44	2.01	-0.68	---	---	1.24	0.07
16	1.17	1.30	1.83	1.64	1.95	1.42	2.05	-0.69	---	---	1.51	0.08
17	1.04	1.23	1.82	1.89	1.92	1.39	2.07	-0.73	---	---	1.56	0.14
18	2.69	1.19	1.94	1.95	1.88	1.39	---	-0.78	---	---	1.54	0.20
19	2.81	2.92	1.98	1.78	1.88	1.34	---	-0.83	---	---	1.44	0.23
20	2.81	3.16	2.00	2.15	1.86	1.31	---	-0.87	---	---	1.59	0.23
21	2.79	3.18	2.00	2.31	1.84	1.28	---	-0.91	---	---	1.60	0.21
22	2.90	3.19	1.98	2.33	1.82	1.26	---	-0.94	---	---	---	0.26
23	2.99	3.19	1.97	2.32	1.80	1.24	---	-0.99	---	---	---	-0.08
24	3.05	3.20	1.96	2.27	1.78	1.21	---	---	---	---	---	---
25	3.10	0.27	1.95	2.26	2.10	1.19	---	---	---	---	---	---
26	3.11	-0.19	2.00	2.38	2.10	1.16	---	---	---	---	---	---
27	3.10	-0.30	1.98	2.33	2.06	1.14	---	---	---	---	---	---
28	3.15	-0.39	1.96	2.33	2.03	2.02	---	---	---	---	---	---
29	3.17	-0.43	1.92	2.27	---	2.17	---	---	---	---	---	---
30	3.18	-0.46	1.91	2.25	---	2.19	2.04	---	---	---	---	---
31	3.18	---	1.90	2.22	---	2.20	---	---	---	---	---	---
Total	86.77	61.11	---	61.55	56.51	50.31	---	---	---	---	---	---
Mean	2.80	2.04	---	1.99	2.02	1.62	---	---	---	---	---	---
Max	3.42	3.31	---	2.38	2.18	2.20	---	---	---	---	---	---
Min	1.04	-0.46	---	1.64	1.78	1.14	---	---	---	---	---	---

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254154080213704 Local number G -3880—Continued

WATER-QUALITY RECORDS

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

INSTRUMENTATION.--Electronic data logger with water temperature probe.

COOPERATION.--Miami-Dade Water & Sewer Department (WASD).

REMARKS.--The elevation of the temperature sensor is -2.40 ft NGVD 29. All data considered excellent except for the period of Jan. 28 to Feb. 20, 2011, rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded, 29.9°C, Aug. 11, 2011; minimum recorded, 21.7°C, Dec. 12, 2010.

EXTREMES FOR CURRENT YEAR.--Maximum recorded, 29.9°C, Aug. 11; minimum recorded, 21.7°C, Dec. 12.

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

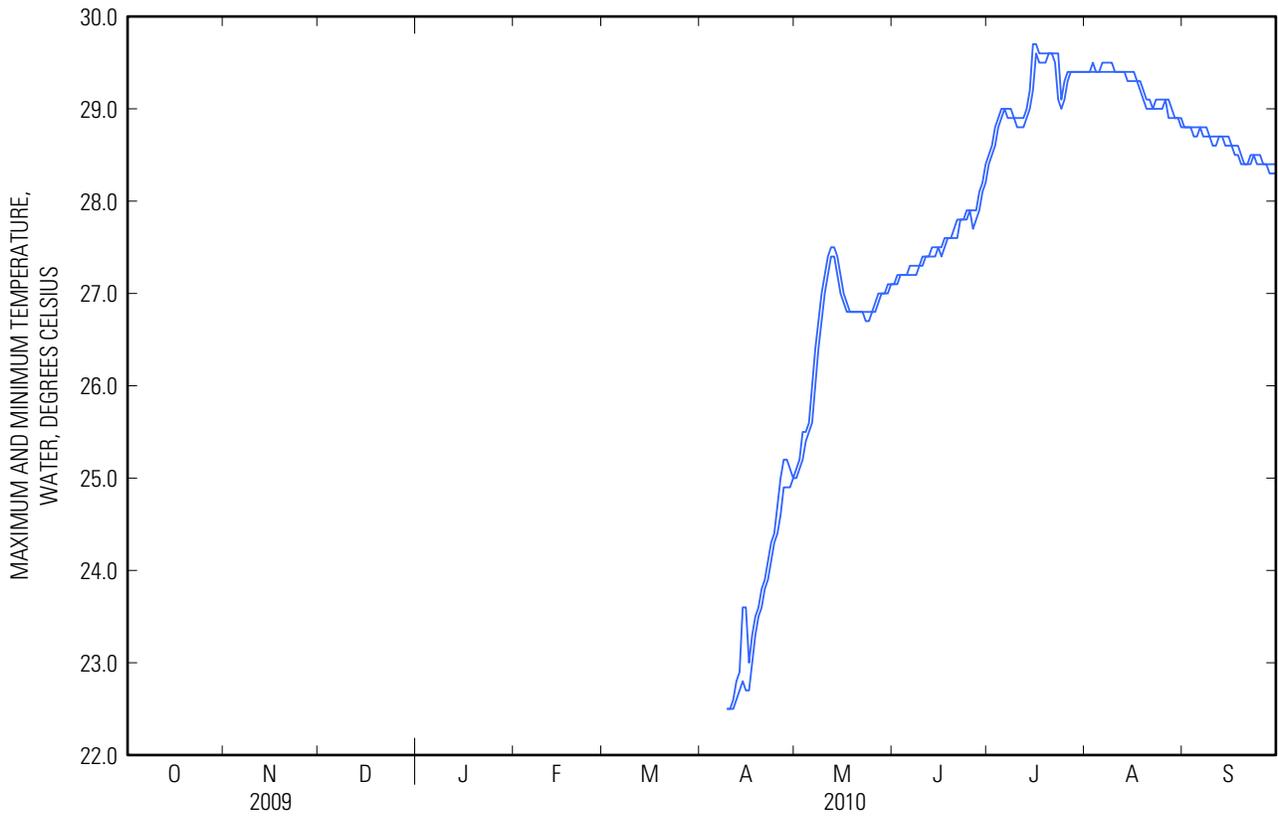
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---	---	---	---	---

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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	---	---	25.1	25.0	27.1	27.1	28.5	28.4	29.4	29.4	28.8	28.8
2	---	---	25.2	25.1	27.2	27.1	28.6	28.5	29.4	29.4	28.8	28.8
3	---	---	25.5	25.2	27.2	27.2	28.8	28.6	29.5	29.4	28.8	28.8
4	---	---	25.5	25.4	27.2	27.2	28.9	28.8	29.4	29.4	28.8	28.7
5	---	---	25.6	25.5	27.2	27.2	29.0	28.9	29.4	29.4	28.8	28.7
6	---	---	26.0	25.6	27.3	27.2	29.0	29.0	29.5	29.4	28.8	28.8
7	---	---	26.4	26.0	27.3	27.2	29.0	28.9	29.5	29.4	28.8	28.7
8	---	---	26.7	26.4	27.3	27.2	29.0	28.9	29.5	29.4	28.8	28.7
9	22.5	22.5	27.0	26.7	27.3	27.3	28.9	28.9	29.5	29.4	28.7	28.7
10	22.5	22.5	27.2	27.0	27.4	27.3	28.9	28.8	29.4	29.4	28.7	28.6
11	22.6	22.5	27.4	27.2	27.4	27.4	28.9	28.8	29.4	29.4	28.7	28.6
12	22.8	22.6	27.5	27.4	27.4	27.4	28.9	28.8	29.4	29.4	28.7	28.7
13	22.9	22.7	27.5	27.4	27.5	27.4	29.0	28.9	29.4	29.4	28.7	28.7
14	23.6	22.8	27.4	27.2	27.5	27.4	29.2	29.0	29.4	29.3	28.7	28.6
15	23.6	22.7	27.2	27.0	27.5	27.5	29.7	29.2	29.4	29.3	28.7	28.6
16	23.0	22.7	27.0	26.9	27.5	27.4	29.7	29.6	29.4	29.3	28.6	28.6
17	23.3	23.0	26.9	26.8	27.6	27.5	29.6	29.5	29.3	29.3	28.6	28.5
18	23.5	23.3	26.8	26.8	27.6	27.6	29.6	29.5	29.3	29.2	28.6	28.5
19	23.6	23.5	26.8	26.8	27.6	27.6	29.6	29.5	29.2	29.1	28.5	28.4
20	23.8	23.6	26.8	26.8	27.7	27.6	29.6	29.6	29.1	29.0	28.4	28.4
21	23.9	23.8	26.8	26.8	27.8	27.6	29.6	29.6	29.1	29.0	28.4	28.4
22	24.1	23.9	26.8	26.8	27.8	27.8	29.6	29.5	29.0	29.0	28.5	28.4
23	24.3	24.1	26.8	26.7	27.8	27.8	29.6	29.1	29.1	29.0	28.5	28.5
24	24.4	24.3	26.8	26.7	27.9	27.8	29.1	29.0	29.1	29.0	28.5	28.4
25	24.7	24.4	26.8	26.8	27.9	27.9	29.3	29.1	29.1	29.0	28.5	28.4
26	25.0	24.6	26.9	26.8	27.9	27.7	29.4	29.3	29.1	29.1	28.4	28.4
27	25.2	24.9	27.0	26.9	27.9	27.8	29.4	29.4	29.1	28.9	28.4	28.4
28	25.2	24.9	27.0	27.0	28.1	27.9	29.4	29.4	29.0	28.9	28.4	28.3
29	25.1	24.9	27.0	27.0	28.2	28.1	29.4	29.4	28.9	28.9	28.4	28.3
30	25.0	25.0	27.1	27.0	28.4	28.2	29.4	29.4	28.9	28.9	28.4	28.3
31	---	---	27.1	27.1	---	---	29.4	29.4	28.9	28.8	---	---
Month	---	---	27.5	25.0	28.4	27.1	29.7	28.4	29.5	28.8	28.8	28.3

254154080213704 Local number G -3880—Continued



254154080213704 Local number G -3880—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	
1	28.4	28.3	27.1	27.1	25.0	24.9	26.1	26.0	24.5	24.3	---	---
2	28.3	28.3	27.1	27.1	25.0	25.0	26.0	26.0	24.5	24.4	---	---
3	28.3	28.2	27.1	26.9	25.0	25.0	26.0	26.0	24.5	24.5	---	---
4	28.3	28.2	27.0	26.7	25.1	25.0	26.0	25.9	24.5	24.4	---	---
5	28.3	28.2	26.8	26.6	25.1	25.0	25.9	25.9	24.4	24.4	---	---
6	28.3	28.2	26.7	26.5	25.1	25.0	25.9	25.9	24.4	24.4	---	---
7	28.3	28.2	26.6	26.1	---	---	25.9	25.9	24.4	24.3	---	---
8	28.3	28.2	26.1	25.5	---	---	25.9	25.9	24.4	24.3	---	---
9	28.3	28.2	25.5	25.2	---	---	25.9	25.9	24.3	24.3	---	---
10	28.2	28.2	25.5	25.3	---	---	25.9	25.9	24.3	24.3	---	---
11	28.2	28.2	25.6	25.5	---	---	25.9	25.9	24.3	24.3	---	---
12	28.2	27.5	25.7	25.6	---	---	25.9	25.8	24.3	24.2	24.5	24.5
13	27.5	27.4	25.8	25.7	25.1	23.0	25.9	25.8	24.3	24.2	24.5	24.4
14	27.4	27.2	26.0	25.8	25.6	25.1	25.8	25.8	24.2	24.2	24.5	24.4
15	27.2	27.0	26.2	26.0	25.8	25.6	25.8	25.8	24.2	24.1	24.6	24.4
16	27.0	26.9	26.4	26.2	25.9	25.8	25.8	25.8	24.2	24.0	24.6	24.5
17	26.9	26.7	26.6	26.4	26.1	25.9	25.8	25.8	24.0	23.9	24.6	24.6
18	26.7	26.6	26.7	26.6	26.2	26.1	25.8	25.6	24.0	23.9	24.6	24.6
19	26.8	26.7	26.8	26.7	26.3	26.2	25.6	25.3	23.9	23.8	24.6	24.6
20	26.9	26.8	26.7	26.7	26.3	26.2	25.4	25.3	---	---	24.6	24.6
21	27.0	26.9	26.7	26.7	26.3	26.3	25.4	25.2	---	---	24.6	24.6
22	27.0	27.0	26.7	26.7	26.3	26.3	25.2	25.2	---	---	24.6	24.6
23	27.0	27.0	26.8	26.7	26.3	26.3	25.2	25.2	---	---	24.6	24.6
24	27.0	27.0	26.8	26.1	26.3	26.3	25.2	25.2	---	---	24.6	24.6
25	27.1	27.0	26.1	25.7	26.3	26.3	25.2	25.2	---	---	24.6	24.6
26	27.1	27.0	25.7	25.2	26.3	26.2	25.2	24.8	---	---	24.6	24.6
27	27.1	27.0	25.2	24.9	26.2	26.2	24.8	24.7	---	---	24.6	24.6
28	27.1	27.0	24.9	24.8	26.2	26.1	24.9	24.8	---	---	24.6	24.6
29	27.1	27.1	24.9	24.8	26.2	26.1	24.9	24.8	---	---	24.7	24.6
30	27.1	27.1	24.9	24.9	26.2	26.1	24.8	24.8	---	---	24.6	24.6
31	27.1	27.1	---	---	26.1	26.0	24.8	23.8	---	---	24.7	24.6
Month	28.4	26.6	27.1	24.8	---	---	26.1	23.8	---	---	---	---

254154080213704 Local number G -3880—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	24.7	24.6	26.9	26.8	---	---	---	---	---	---	---	---
2	24.7	24.7	27.0	26.7	---	---	---	---	---	---	---	---
3	24.7	24.7	---	---	---	---	---	---	---	---	---	---
4	24.7	24.7	---	---	---	---	---	---	---	---	---	---
5	24.8	24.7	---	---	---	---	---	---	---	---	---	---
6	24.8	24.8	---	---	---	---	---	---	---	---	28.4	27.9
7	24.8	24.8	---	---	---	---	---	---	---	---	28.0	27.9
8	24.9	24.8	---	---	---	---	---	---	---	---	28.0	28.0
9	24.9	24.8	---	---	---	---	---	---	---	---	28.0	28.0
10	24.9	24.9	---	---	---	---	---	---	---	---	28.0	28.0
11	24.9	24.9	27.4	27.0	---	---	---	---	---	---	28.0	27.9
12	25.0	24.9	27.0	26.3	---	---	---	---	29.7	29.4	27.9	27.9
13	25.0	24.9	26.4	26.3	---	---	---	---	29.5	29.4	27.9	27.9
14	25.0	24.9	26.5	26.4	---	---	---	---	29.4	29.3	27.9	27.9
15	25.0	25.0	26.6	26.5	---	---	---	---	29.3	29.2	28.0	27.9
16	25.0	25.0	26.6	26.6	---	---	---	---	29.2	29.2	27.9	27.8
17	25.1	25.0	26.7	26.6	---	---	---	---	29.2	29.1	27.9	27.8
18	25.3	25.0	26.7	26.6	---	---	---	---	29.1	29.0	27.9	27.8
19	---	---	26.7	26.6	---	---	---	---	29.2	29.1	28.0	27.9
20	---	---	26.7	26.7	---	---	---	---	29.1	29.0	28.1	28.0
21	---	---	26.7	26.7	---	---	---	---	29.1	29.0	28.2	28.1
22	---	---	26.7	26.7	---	---	---	---	---	---	28.2	28.1
23	---	---	26.7	26.6	---	---	---	---	---	---	28.3	28.2
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	26.8	26.5	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

254154080213704 Local number G -3880—Continued

