Water-Data Report 2013

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL

Southern Florida Basin
Everglades Subbasin

LOCATION.--Lat 25°45′43″, long 80°40′54″ referenced to North American Datum of 1927, in T.54 S., R.36 E., Miami-Dade County, FL, Hydrologic Unit 03090202, on south bank 100 ft southwest of structure 12-D, near east boundary of Indian Reservation on U.S. Highway 41. No section could be determined from existing maps.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1963 to September 1965, October 1975 to September 1977, October 1978 to September 1979, October 1980 to September 1981 (discharge only), October 1981 to current year. See REMARKS.

GAGE.--Satellite data collection platform with water-stage shaft encoders for upstream and downstream stages. After October 1, 2003, tipping bucket rain gage maintained by the U.S. Army Corps of Engineers. After October 1, 2003, rainfall record is no longer available in the files of the U.S. Geological Survey. Datum of gage is National Geodetic Vertical Datum of 1929 and 1.522 ft below North American Vertical Datum of 1988(NAVD 88). From October 1, 2008 to October 26, 2010, the upstream gage may be at a datum as much as 0.03 ft lower. Revised.

COOPERATION.--U.S. Army Corps of Engineers, USGS Greater Everglades Priority Ecosystems Science, and National Park Service. Gate-opening records provided by the U.S. Army Corps of Engineers.

REMARKS.--Records poor. Station is one of several located downstream from the control structures in Levee 29 at Tamiami Canal. Gage records are primarily used to determine discharge through control structure 12-D. Discharge is the total discharge through the S-12-D structure from Conservation Area 3A. The daily discharge computed from relations between discharge, head, and gate openings when flow is controlled by gates and computed by relation between stage and discharge under uncontrolled conditions. Discharge and stage record for missing periods were fragmentary or missing from the files of the U.S. Geological Survey. Since October 1, 1989, satellite data collection platform. Rainfall data is available in files of the U.S. Geological Survey. The rainfall record was discontinued September 30, 2003. Upstream gage height records were formerly published under 254543080405400. Upstream gage height records have been relocated under 254543080405401 as "Published upstream" record in the files of the U.S. Geological Survey.

October 1963 through September 1985, S12-D discharge was not published separately but is available in the NWIS database. The S-12-D discharge was part of the combined flow (S12 A,B, C, D) published under 02289040 TAMIAMI C OUTLETS L67A TO 40 MI BND NR MIAMI, FL for the water years 1963 through 2005. Some records are fragmentary because they were stored based upon records available in the files of the USGS. Starting 1986 water year the individual discharge for S12-D was published separately under 254543080405401.

EXTREMES FOR PERIOD OF RECORD.--
UPSTREAM STAGE: Maximum gage height, 11.99 ft Dec. 21, 1994; minimum, 5.16 ft June 19, 1989.
DOWNSTREAM STAGE: Maximum gage height, 11.94 ft Dec. 21, 1994; minimum, 4.70 ft June 20, 1989.

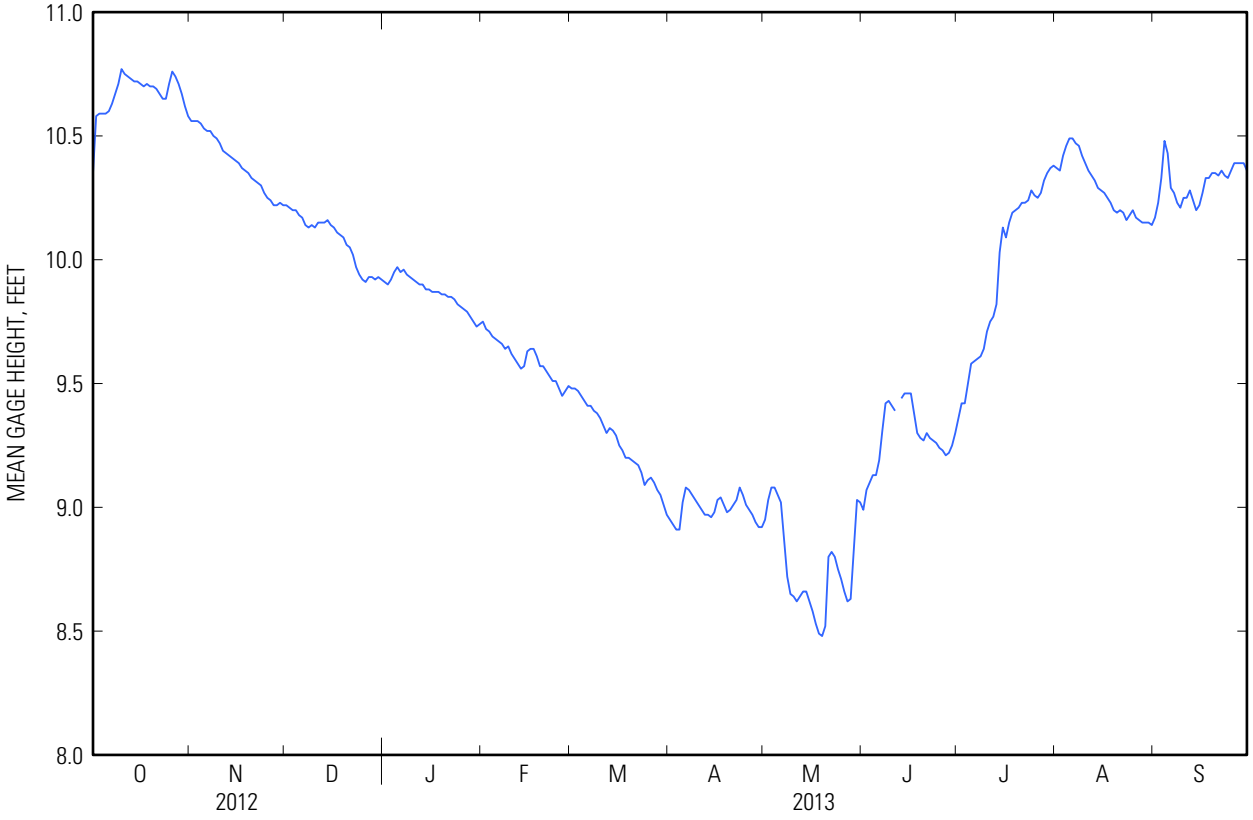
EXTREMES FOR CURRENT YEAR.--
UPSTREAM STAGE: Maximum gage height, 10.81 ft Oct. 9; minimum, 8.45 ft May 20.
DOWNSTREAM STAGE: Maximum gage height, 10.83 ft Oct. 9; minimum, 6.79 ft Apr. 4, 5.

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

UPSTREAM
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10.35	10.56	10.22	9.91	9.75	9.48	8.95	8.95	8.99	9.36	10.37	10.17
2	10.58	10.56	10.21	9.90	9.72	9.48	8.93	9.03	9.07	9.42	10.36	10.23
3	10.59	10.56	10.20	9.92	9.71	9.47	8.91	9.08	9.10	9.42	10.42	10.33
4	10.59	10.55	10.20	9.95	9.69	9.45	8.91	9.08	9.13	9.50	10.46	10.48
5	10.59	10.53	10.18	9.97	9.68	9.43	9.02	9.05	9.13	9.58	10.49	10.43
6	10.60	10.52	10.17	9.95	9.67	9.41	9.08	9.02	9.19	9.59	10.49	10.29
7	10.63	10.52	10.14	9.96	9.66	9.41	9.07	8.87	9.31	9.60	10.47	10.27
8	10.67	10.50	10.13	9.94	9.64	9.39	9.05	8.72	9.42	9.61	10.46	10.23
9	10.71	10.49	10.14	9.93	9.65	9.38	9.03	8.65	9.43	9.64	10.42	10.21
10	10.77	10.47	10.13	9.92	9.62	9.36	9.01	8.64	9.41	9.71	10.39	10.25
11	10.75	10.44	10.15	9.91	9.60	9.33	8.99	8.62	9.39	9.75	10.36	10.25
12	10.74	10.43	10.15	9.90	9.58	9.30	8.97	8.64	---	9.77	10.34	10.28
13	10.73	10.42	10.15	9.90	9.56	9.32	8.97	8.66	9.44	9.82	10.32	10.24
14	10.72	10.41	10.16	9.88	9.57	9.31	8.96	8.66	9.46	10.03	10.29	10.20
15	10.72	10.40	10.14	9.88	9.63	9.29	8.98	8.62	9.46	10.13	10.28	10.22
16	10.71	10.39	10.13	9.87	9.64	9.25	9.03	8.58	9.46	10.09	10.27	10.27
17	10.70	10.37	10.11	9.87	9.64	9.23	9.04	8.53	9.38	10.15	10.25	10.33
18	10.71	10.36	10.10	9.87	9.61	9.20	9.01	8.49	9.30	10.19	10.23	10.33
19	10.70	10.35	10.09	9.86	9.57	9.20	8.98	8.48	9.28	10.20	10.20	10.35
20	10.70	10.33	10.06	9.86	9.57	9.19	8.99	8.52	9.27	10.21	10.19	10.35
21	10.69	10.32	10.05	9.85	9.55	9.18	9.01	8.80	9.30	10.23	10.20	10.34
22	10.67	10.31	10.02	9.85	9.53	9.17	9.03	8.82	9.28	10.23	10.19	10.36
23	10.65	10.30	9.97	9.84	9.51	9.14	9.08	8.80	9.27	10.24	10.16	10.34
24	10.65	10.27	9.94	9.82	9.51	9.09	9.05	8.75	9.26	10.28	10.18	10.33
25	10.71	10.25	9.92	9.81	9.48	9.11	9.01	8.71	9.24	10.26	10.20	10.36
26	10.76	10.24	9.91	9.80	9.45	9.12	8.99	8.66	9.23	10.25	10.17	10.39
27	10.74	10.22	9.93	9.79	9.47	9.10	8.97	8.62	9.21	10.27	10.16	10.39
28	10.71	10.22	9.93	9.77	9.49	9.07	8.94	8.63	9.22	10.32	10.15	10.39
29	10.67	10.23	9.92	9.75	---	9.05	8.92	8.83	9.25	10.35	10.15	10.39
30	10.62	10.22	9.93	9.73	---	9.01	8.92	9.03	9.30	10.37	10.15	10.36
31	10.58	---	9.92	9.74	---	8.97	---	9.02	---	10.38	10.14	---
Total	330.71	311.74	312.40	305.90	268.75	286.89	269.80	271.56	---	308.95	318.91	309.36
Mean	10.67	10.39	10.08	9.87	9.60	9.25	8.99	8.76	---	9.97	10.29	10.31
Max	10.77	10.56	10.22	9.97	9.75	9.48	9.08	9.08	---	10.38	10.49	10.48
Min	10.35	10.22	9.91	9.73	9.45	8.97	8.91	8.48	---	9.36	10.14	10.17

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

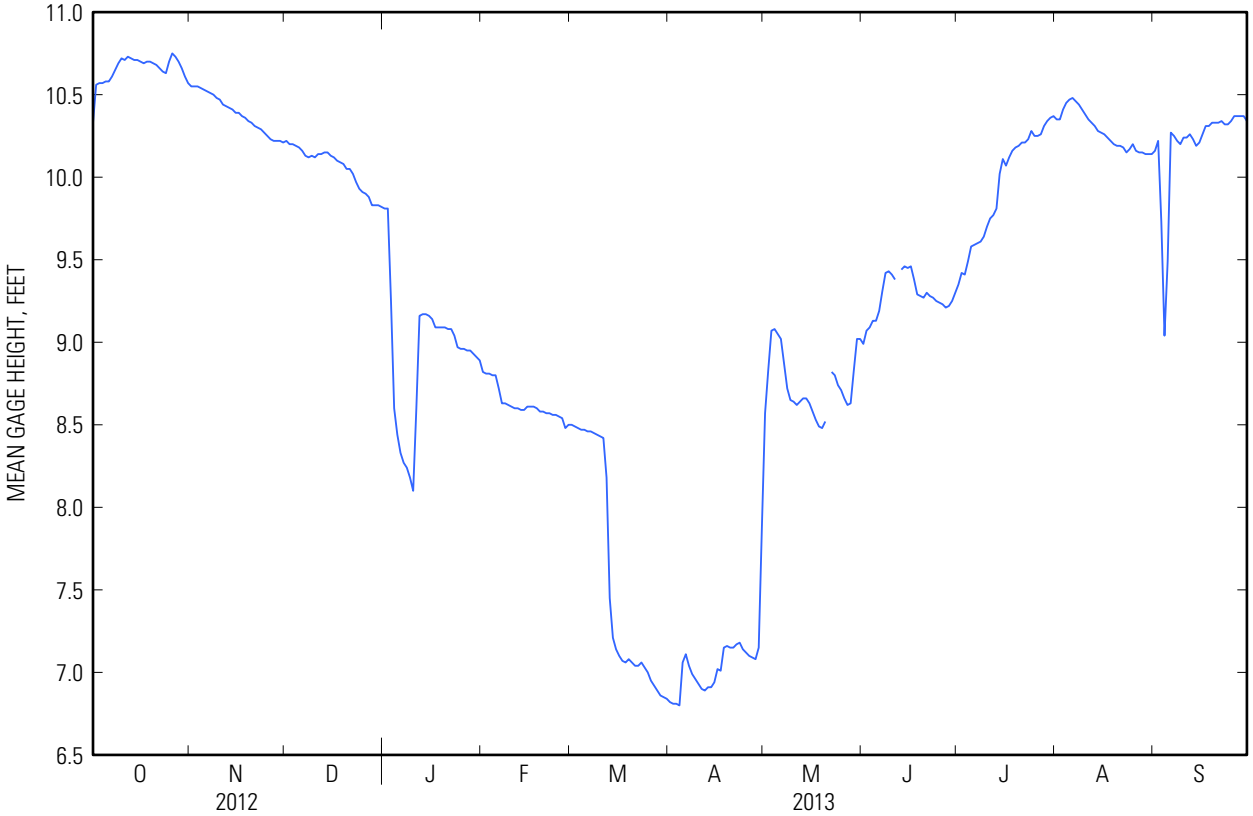


254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

DOWNSTREAM
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10.33	10.55	10.22	9.81	8.82	8.50	6.82	8.57	8.99	9.35	10.35	10.16
2	10.56	10.55	10.20	9.81	8.81	8.49	6.81	8.83	9.07	9.42	10.35	10.22
3	10.57	10.55	10.20	9.25	8.81	8.48	6.81	9.07	9.09	9.41	10.41	9.73
4	10.57	10.54	10.19	8.60	8.80	8.47	6.80	9.08	9.13	9.49	10.45	9.04
5	10.58	10.53	10.18	8.44	8.80	8.47	7.06	9.05	9.13	9.58	10.47	9.49
6	10.58	10.52	10.16	8.33	8.72	8.46	7.11	9.02	9.19	9.59	10.48	10.27
7	10.61	10.51	10.13	8.27	8.63	8.46	7.04	8.87	9.31	9.60	10.46	10.25
8	10.65	10.50	10.12	8.24	8.63	8.45	6.99	8.72	9.42	9.61	10.44	10.22
9	10.69	10.48	10.13	8.18	8.62	8.44	6.96	8.65	9.43	9.64	10.41	10.20
10	10.72	10.47	10.12	8.10	8.61	8.43	6.93	8.64	9.41	9.70	10.38	10.24
11	10.71	10.44	10.14	8.60	8.60	8.42	6.90	8.62	9.38	9.75	10.35	10.24
12	10.73	10.43	10.14	9.16	8.60	8.18	6.89	8.64	---	9.77	10.33	10.26
13	10.72	10.42	10.15	9.17	8.59	7.45	6.91	8.66	9.44	9.81	10.31	10.23
14	10.71	10.41	10.15	9.17	8.59	7.21	6.91	8.66	9.46	10.02	10.28	10.19
15	10.71	10.39	10.13	9.16	8.61	7.14	6.94	8.63	9.45	10.11	10.27	10.21
16	10.70	10.39	10.12	9.14	8.61	7.10	7.02	8.58	9.46	10.07	10.26	10.26
17	10.69	10.37	10.10	9.09	8.61	7.07	7.01	8.53	9.38	10.12	10.24	10.31
18	10.70	10.36	10.09	9.09	8.60	7.06	7.15	8.49	9.29	10.16	10.22	10.31
19	10.70	10.34	10.08	9.09	8.58	7.08	7.16	8.48	9.28	10.18	10.20	10.33
20	10.69	10.33	10.05	9.09	8.58	7.06	7.15	8.52	9.27	10.19	10.19	10.33
21	10.68	10.31	10.05	9.08	8.57	7.04	7.15	---	9.30	10.21	10.19	10.33
22	10.66	10.30	10.02	9.08	8.57	7.04	7.17	8.82	9.28	10.21	10.18	10.34
23	10.64	10.29	9.97	9.04	8.56	7.06	7.18	8.80	9.27	10.23	10.15	10.32
24	10.63	10.27	9.93	8.97	8.56	7.03	7.14	8.74	9.25	10.28	10.17	10.32
25	10.70	10.25	9.91	8.96	8.55	7.00	7.12	8.71	9.24	10.25	10.20	10.34
26	10.75	10.23	9.90	8.96	8.54	6.95	7.10	8.66	9.23	10.25	10.16	10.37
27	10.73	10.22	9.88	8.95	8.48	6.92	7.09	8.62	9.21	10.26	10.15	10.37
28	10.70	10.22	9.83	8.95	8.50	6.89	7.08	8.63	9.22	10.31	10.15	10.37
29	10.66	10.22	9.83	8.93	---	6.86	7.15	8.83	9.25	10.34	10.14	10.37
30	10.61	10.21	9.83	8.91	---	6.85	7.88	9.02	9.30	10.36	10.14	10.34
31	10.57	---	9.82	8.89	---	6.84	---	9.02	---	10.37	10.14	---
Total	330.25	311.60	311.77	276.51	241.55	234.90	211.43	---	---	308.64	318.62	305.96
Mean	10.65	10.39	10.06	8.92	8.63	7.58	7.05	---	---	9.96	10.28	10.20
Max	10.75	10.55	10.22	9.81	8.82	8.50	7.88	---	---	10.37	10.48	10.37
Min	10.33	10.21	9.82	8.10	8.48	6.84	6.80	---	---	9.35	10.14	9.04

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued



254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	838	943	774	565	163	76	0.00	140	266	450	942	746
2	1,000	943	767	567	161	76	0.00	211	288	478	940	782
3	1,000	937	770	225	160	76	0.00	277	296	477	974	353
4	999	929	764	0.00	159	76	0.00	278	306	516	1,000	0.00
5	998	922	755	0.00	158	75	0.00	271	308	560	1,020	379
6	995	915	744	0.00	130	74	0.00	261	326	570	1,020	902
7	1,020	914	728	0.00	109	74	0.00	226	365	578	1,010	887
8	1,040	908	722	0.00	108	74	0.00	193	404	585	994	863
9	1,070	898	728	0.00	109	74	0.00	177	412	600	961	854
10	1,090	892	720	0.00	108	73	0.00	173	406	633	937	879
11	1,080	876	733	166	107	73	0.00	169	400	654	915	879
12	1,090	870	729	304	106	35	0.00	173	e411	660	895	891
13	1,090	864	735	301	106	0.00	0.00	178	431	680	881	868
14	1,080	859	736	299	106	0.00	0.00	176	441	807	860	829
15	1,080	854	725	300	108	0.00	0.00	169	443	860	847	842
16	1,070	849	716	286	109	0.00	0.00	160	450	824	841	878
17	1,060	846	706	258	110	0.00	0.00	150	421	851	825	910
18	1,070	837	698	257	108	0.00	0.00	144	391	871	804	911
19	1,070	832	692	257	107	0.00	0.00	140	389	875	787	916
20	1,060	821	677	256	107	0.00	0.00	147	389	873	778	918
21	1,050	814	673	255	106	0.00	0.00	e200	403	876	776	907
22	1,040	813	656	256	106	0.00	0.00	209	402	871	768	920
23	1,020	802	627	236	105	0.00	0.00	205	399	878	748	898
24	1,020	790	608	213	105	0.00	0.00	196	399	907	757	894
25	1,070	781	596	212	104	0.00	0.00	189	399	882	776	911
26	1,110	769	591	211	102	0.00	0.00	181	394	880	748	932
27	1,090	765	585	210	90	0.00	0.00	175	388	890	736	933
28	1,060	768	560	209	75	0.00	0.00	178	391	918	736	930
29	1,030	768	562	178	---	0.00	0.00	223	404	939	735	934
30	990	770	570	153	---	0.00	93	270	423	954	733	913
31	960	---	565	155	---	0.00	---	271	---	950	729	---
Total	32,240	25,549	21,212	6,329.00	3,232	856.00	93.00	6,110	11,545	23,347	26,473	24,659.00
Mean	1,040	852	684	204	115	27.6	3.10	197	385	753	854	822
Max	1,110	943	774	567	163	76	93	278	450	954	1,020	934
Min	838	765	560	0.00	75	0.00	0.00	140	266	450	729	0.00
Ac-ft	63,950	50,680	42,070	12,550	6,410	1,700	184	12,120	22,900	46,310	52,510	48,910

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	515	453	276	182	159	128	95.1	69.3	131	269	314	414
Max	1,843	1,885	2,343	2,076	1,413	1,071	614	411	518	1,406	1,241	1,447
(WY)	(1996)	(1995)	(1995)	(1995)	(1995)	(1995)	(1998)	(1993)	(1993)	(1982)	(1982)	(1995)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1964)	(1964)	(1964)	(1964)	(1964)	(1964)	(1965)	(1965)	(1965)	(1965)	(1964)	(1964)

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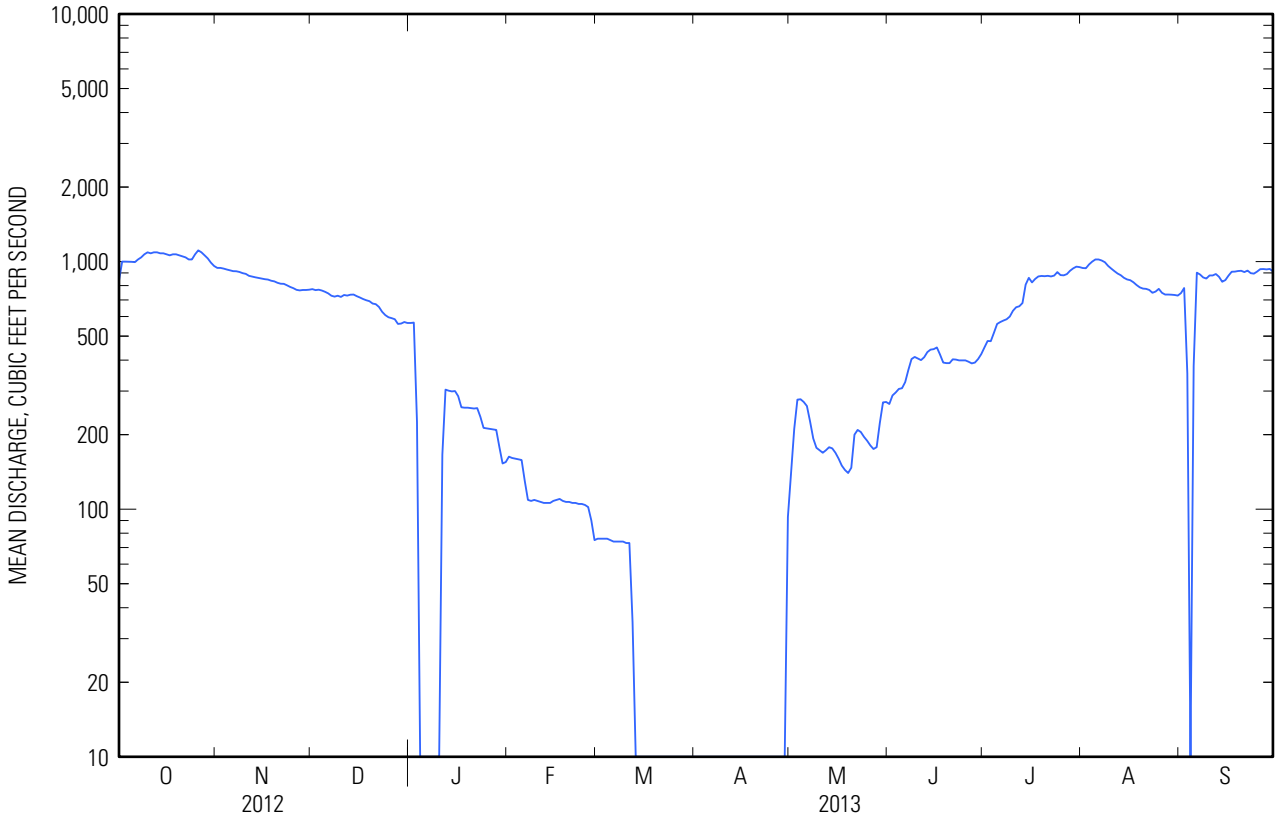
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1964 - 2013	
Annual total	170,103.00		181,645.00			
Annual mean	465		498		276	
Highest annual mean					1,177	1995
Lowest annual mean					0.00	1976
Highest daily mean	1,110	Oct 26	1,110	Oct 26	2,670	Dec 22, 1994
Lowest daily mean	0.00	Apr 5	0.00	Jan 4	-16	Mar 28, 1985
Annual seven-day minimum	0.00	Apr 5	0.00	Jan 4	-2.3	Mar 28, 1985
Annual runoff (ac-ft)	337,400		360,300		200,300	
10 percent exceeds	914		960		788	
50 percent exceeds	492		450		87	
90 percent exceeds	61		0.00		0.00	



254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: September 2012 to current year.
WATER TEMPERATURE: September 2012 to current year.
TURBIDITY: September 2012 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Specific conductance, water temperature, and turbidity sensors located at 4.7 ft NGVD 29. During periods of missing record, values may be higher or lower than the listed extremes. 15 minute data are available in files of the U.S. Geological Survey. Daily values are available online at http://waterdata.usgs.gov/nwis.
SPECIFIC CONDUCTANCE: Records rated excellent, except for Apr. 9-30, May 21 to June 26, Aug. 5 to Sept. 30, rated good.
WATER TEMPERATURE: Records rated excellent, except for Apr. 9-30, rated good.
TURBIDITY: Records rated excellent, except for Oct. 1-30, Mar. 19-26, rated good; Oct. 30 to Dec. 4, Jan 15 to Mar 19, Apr. 9 to May 21, rated poor.

EXTREMES FOR PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 799 µS/cm @ 25°C Feb. 9, 2013; minimum, 260 µS/cm @ 25°C June 27, 2013.
WATER TEMPERATURE: Maximum recorded, 31.2 °C Aug. 13, 14, 17, 18, 2013; minimum, 18.2 °C Mar. 7, 2013.
TURBIDITY: Maximum recorded, 10 FNU Apr. 7, 2013; minimum, 0.0 FNU on many days throughout the 2013 water year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 799 µS/cm @ 25°C Feb. 9; minimum, 260 µS/cm @ 25°C June 27.
WATER TEMPERATURE: Maximum recorded, 31.2 °C Aug. 13, 14, 17, 18; minimum, 18.2 °C Mar. 7.
TURBIDITY: Maximum recorded, 10 FNU Apr. 7; minimum, 0.0 FNU on many days throughout the water year.

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	504	498	500	538	533	536	670	666	668	655	622	642
2	503	481	491	545	538	541	671	667	670	658	623	647
3	504	480	490	549	543	546	674	668	671	662	643	658
4	505	495	500	552	545	549	674	665	670	675	661	667
5	495	491	494	555	549	552	673	668	670	688	672	678
6	495	493	494	555	553	554	670	666	668	693	683	689
7	496	488	493	559	554	557	669	660	663	689	671	683
8	499	489	494	558	550	552	662	654	658	678	662	673
9	500	480	493	556	547	552	661	648	654	691	660	676
10	511	486	503	555	547	551	659	651	655	673	656	666
11	507	495	501	556	553	554	675	654	---	716	648	684
12	502	496	499	560	552	556	678	663	673	688	597	646
13	503	493	498	561	553	557	669	658	664	650	561	628
14	520	499	512	563	556	558	666	658	663	631	558	599
15	530	518	524	564	557	560	658	646	650	632	518	587
16	526	519	522	567	558	562	653	648	651	620	576	598
17	532	525	529	580	562	571	653	643	648	609	524	574
18	531	526	529	581	571	576	661	650	654	631	523	588
19	532	530	531	580	568	573	673	661	664	660	564	613
20	542	527	535	577	568	573	675	660	666	645	530	594
21	547	541	544	594	574	582	679	662	667	651	565	608
22	549	546	547	600	588	593	679	647	665	690	577	631
23	548	543	545	606	592	597	648	621	632	683	570	616
24	555	547	550	617	603	608	646	635	642	668	552	610
25	557	545	550	625	613	618	646	634	640	642	534	586
26	551	546	548	637	623	630	642	621	634	658	527	590
27	553	544	549	643	631	638	673	615	642	709	508	594
28	556	551	553	651	638	644	674	653	662	647	436	587
29	555	526	537	663	650	656	666	632	647	701	534	626
30	530	518	---	667	657	661	668	618	644	661	410	569
31	535	527	530	---	---	---	667	612	644	679	604	642
Month	557	480	---	667	533	579	679	612	---	716	410	627

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

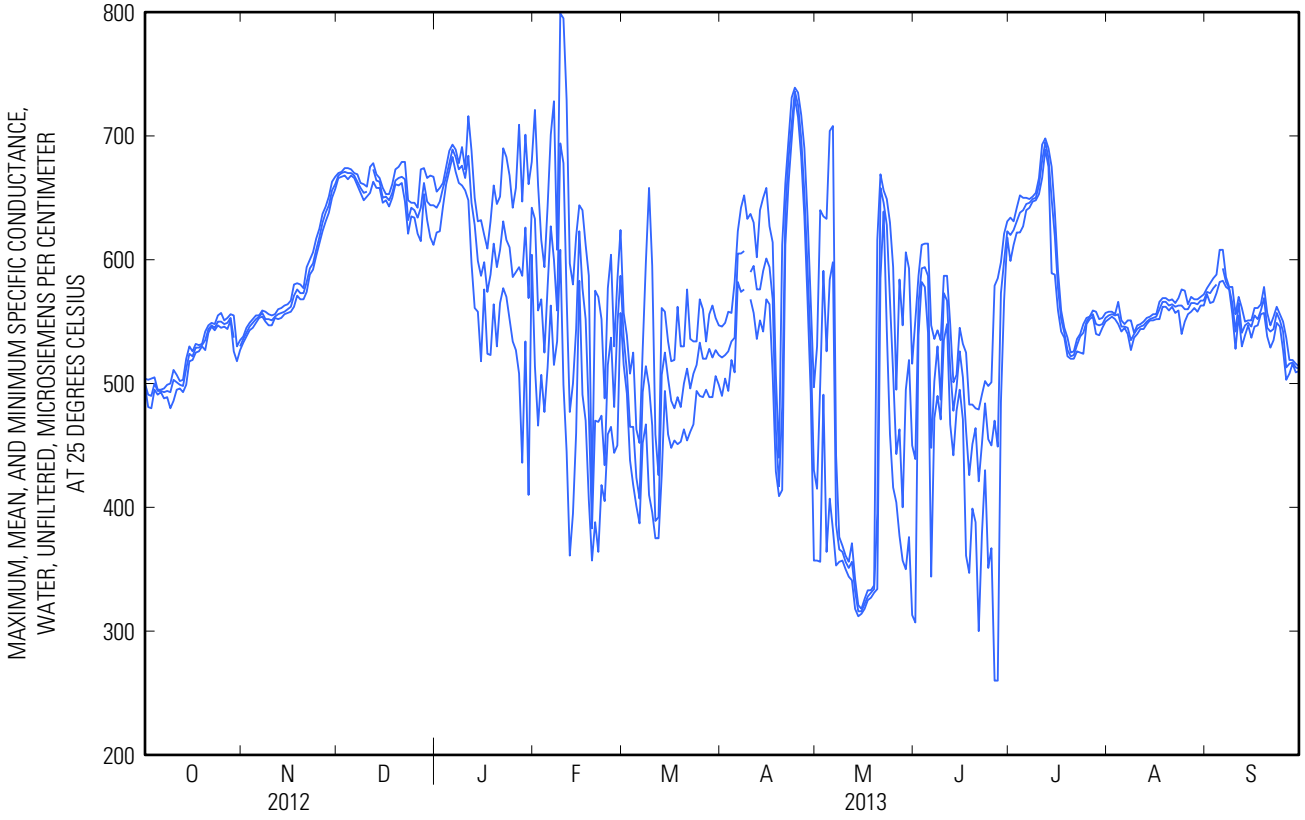
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	721	514	633	557	515	537	546	490	521	530	357	415
2	660	466	559	539	492	510	549	504	523	640	356	500
3	616	507	568	508	438	465	558	494	526	635	491	591
4	594	477	525	525	418	465	557	519	534	633	364	526
5	643	513	578	463	401	424	582	509	537	704	407	584
6	701	563	627	452	387	407	623	582	605	708	382	598
7	728	515	600	528	452	493	642	574	605	442	353	386
8	608	534	559	598	467	514	652	576	607	376	356	366
9	799	608	694	658	410	498	633	---	---	369	357	364
10	795	499	678	595	396	466	637	568	590	361	350	356
11	729	445	570	459	375	389	630	557	595	356	344	351
12	597	361	477	426	375	392	602	536	576	371	341	356
13	580	395	500	561	426	507	640	551	576	342	318	332
14	619	460	544	558	494	525	650	542	591	321	312	316
15	644	583	623	534	459	504	658	568	601	318	314	316
16	640	491	577	518	448	486	627	564	594	326	318	322
17	612	470	552	519	454	480	614	507	568	333	325	328
18	587	406	476	562	451	489	507	429	463	333	327	331
19	407	357	383	530	453	481	440	409	417	337	331	334
20	575	388	470	530	463	500	612	414	481	616	334	395
21	570	364	469	576	454	512	662	612	639	669	585	658
22	552	418	474	536	461	496	697	662	682	656	639	646
23	488	405	434	534	467	508	731	697	710	649	543	628
24	577	459	515	534	494	515	739	731	736	630	459	567
25	604	465	537	568	490	533	735	715	725	594	416	508
26	530	444	481	560	489	520	717	683	698	495	404	443
27	583	450	547	534	495	520	690	635	654	584	377	463
28	624	557	587	556	489	528	635	567	593	547	357	400
29	---	---	---	563	489	521	567	492	529	606	350	495
30	---	---	---	553	506	527	497	357	430	593	376	519
31	---	---	---	547	499	523	---	---	---	516	313	450
Month	799	357	544	658	375	491	739	---	---	708	312	447

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	551	307	439	634	599	620	558	552	555	577	572	574
2	587	539	565	631	612	624	558	554	556	581	565	573
3	612	582	593	642	622	631	556	552	555	585	566	577
4	613	578	594	652	622	638	566	548	556	588	573	580
5	613	541	587	650	627	640	551	542	546	608	582	---
6	547	344	448	650	640	645	548	545	546	608	583	593
7	536	472	502	649	642	646	551	540	545	586	578	582
8	543	490	530	651	647	649	551	527	535	578	576	577
9	535	471	487	654	648	650	541	537	540	578	556	565
10	587	535	573	666	653	660	547	540	544	556	528	542
11	587	548	567	693	666	680	548	544	546	570	555	565
12	548	467	512	698	689	695	550	544	547	561	530	541
13	501	442	478	690	675	682	553	548	550	550	539	547
14	507	478	497	675	589	649	554	551	552	551	547	549
15	545	495	526	639	588	619	556	551	553	551	537	546
16	532	471	505	591	559	577	556	552	554	561	546	555
17	525	361	462	559	542	552	566	552	560	561	547	552
18	483	347	426	545	537	541	569	562	566	564	556	559
19	483	399	451	537	522	527	569	562	566	578	557	569
20	480	388	464	525	520	522	567	559	563	557	538	545
21	479	300	421	526	520	523	568	562	564	547	529	542
22	491	378	451	536	526	531	565	557	562	554	535	544
23	502	430	484	540	525	538	569	559	563	562	549	557
24	498	351	455	548	524	541	576	540	563	556	546	551
25	501	367	450	553	548	550	575	550	560	550	527	542
26	579	260	470	554	552	554	564	556	560	537	503	513
27	585	260	449	559	554	556	570	558	565	519	508	516
28	598	485	573	558	540	548	568	561	565	519	516	517
29	621	567	599	552	539	547	568	558	564	516	509	513
30	631	618	623	553	545	548	570	563	567	514	510	512
31	---	---	---	557	550	553	572	563	567	---	---	---
Month	631	260	506	698	520	595	576	527	556	608	503	---

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued



254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	29.2	28.9	29.1	22.0	21.5	21.7	20.8	20.2	20.5	19.4	18.8	19.1
2	28.9	28.5	28.7	22.3	21.6	21.9	21.1	20.6	20.8	19.8	19.1	19.4
3	28.9	28.2	28.5	22.3	21.7	22.0	21.2	20.8	21.0	20.5	19.6	20.0
4	28.8	28.3	28.6	22.6	21.8	22.2	21.1	20.7	20.9	20.9	20.1	20.5
5	29.2	28.6	28.9	22.7	22.2	22.5	21.1	20.8	21.0	21.4	20.7	21.1
6	29.4	29.0	29.2	23.0	22.4	22.7	21.4	20.9	21.2	21.7	21.1	21.4
7	29.3	29.0	29.1	22.9	22.4	22.7	21.6	21.2	21.4	22.1	21.4	21.8
8	29.1	28.7	28.9	22.4	21.5	22.0	21.8	21.4	21.6	22.3	21.7	22.0
9	29.3	28.6	28.9	21.5	20.9	21.1	22.1	21.5	21.8	23.1	22.1	22.5
10	29.2	28.7	29.0	21.0	20.6	20.8	22.7	22.0	22.3	23.2	22.5	22.8
11	29.1	28.6	28.9	20.8	20.4	20.6	23.2	22.6	---	22.9	22.4	22.7
12	28.6	28.0	28.3	21.1	20.5	20.8	23.4	23.1	23.2	23.2	22.6	22.9
13	28.0	27.2	27.5	21.4	20.8	21.1	23.4	23.1	23.3	23.1	22.7	22.9
14	27.2	26.8	27.0	21.7	21.1	21.4	23.1	22.7	22.9	23.0	22.6	22.8
15	27.4	26.8	27.1	22.2	21.5	21.8	22.8	22.6	22.7	22.9	22.5	22.7
16	27.6	26.9	27.2	22.3	21.8	22.1	22.8	22.4	22.6	22.7	22.4	22.6
17	27.6	27.2	27.4	22.5	21.9	22.2	22.8	22.4	22.6	22.7	22.3	22.5
18	27.7	27.2	27.4	22.6	22.0	22.3	22.9	22.4	22.7	22.3	21.2	21.6
19	28.0	27.5	27.7	22.3	21.8	22.1	22.9	22.5	22.7	21.4	21.0	21.2
20	28.1	27.6	27.9	21.8	21.2	21.4	22.9	22.5	22.7	21.5	21.1	21.3
21	28.0	27.6	27.8	21.2	20.7	20.9	22.7	21.6	22.4	21.6	21.3	21.5
22	27.6	27.1	27.3	20.7	19.9	20.2	21.6	19.7	20.5	21.7	21.3	21.5
23	27.2	26.7	26.9	19.9	19.3	19.6	19.7	18.9	19.2	21.3	20.8	21.0
24	26.8	26.4	26.6	19.5	19.1	19.3	18.9	18.5	18.7	20.8	20.4	20.6
25	26.4	25.8	26.1	19.3	18.9	19.1	18.9	18.4	18.7	20.9	20.0	20.3
26	25.8	25.0	25.4	19.3	18.8	19.1	19.4	18.7	19.0	20.4	19.9	20.2
27	25.0	24.5	24.7	19.6	19.0	19.3	19.3	18.9	19.1	21.2	20.1	20.5
28	24.6	24.1	24.4	20.0	19.4	19.7	19.2	18.8	19.0	21.2	20.5	20.7
29	24.1	23.1	23.6	20.3	19.6	19.9	19.8	19.1	19.4	21.4	20.8	21.1
30	23.1	22.1	---	20.3	20.1	20.2	19.8	18.9	19.3	21.7	21.2	21.4
31	22.1	21.7	21.9	---	---	---	19.1	18.7	18.9	21.5	21.3	21.4
Month	29.4	21.7	---	23.0	18.8	21.1	23.4	18.4	---	23.2	18.8	21.4

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

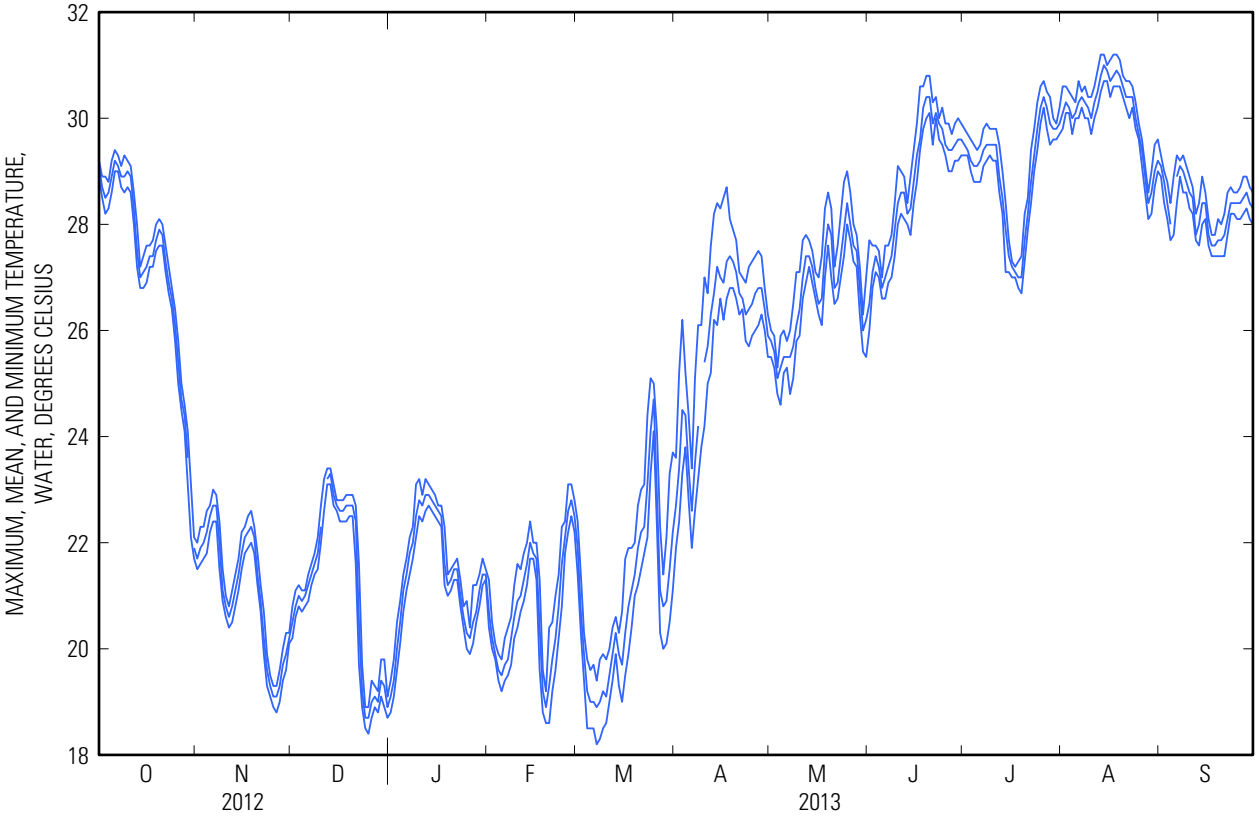
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	21.3	20.4	20.7	22.4	21.4	21.9	23.6	21.9	22.7	26.0	25.5	25.8
2	20.5	20.0	20.2	21.4	20.3	20.7	25.2	22.4	23.4	25.9	25.3	25.6
3	20.1	19.8	19.9	20.3	19.4	19.9	26.2	23.3	24.5	25.3	24.8	25.1
4	19.9	19.4	19.6	19.8	18.5	19.2	25.2	23.8	24.4	25.9	24.6	25.3
5	19.8	19.2	19.5	19.6	18.5	19.0	24.4	22.8	23.4	26.0	25.2	25.5
6	20.2	19.4	19.7	19.7	18.5	19.0	23.4	21.9	22.6	25.8	25.3	25.5
7	20.4	19.5	19.8	19.4	18.2	18.9	25.1	22.6	23.5	26.0	24.8	25.5
8	20.6	19.7	20.2	19.8	18.3	19.0	26.1	23.2	24.2	26.5	25.1	25.7
9	21.2	20.2	20.6	19.9	18.5	19.2	26.1	23.8	---	27.1	25.8	26.1
10	21.6	20.4	20.9	19.8	18.6	19.1	27.0	24.2	25.4	27.1	25.9	26.4
11	21.5	20.7	21.0	20.0	19.0	19.5	26.7	25.0	25.7	27.7	26.6	27.0
12	21.8	20.9	21.3	20.4	19.4	19.9	27.6	25.2	26.3	27.8	26.9	27.4
13	22.0	21.2	21.6	20.6	19.9	20.3	28.2	26.2	26.7	27.7	27.2	27.4
14	22.4	21.7	22.0	20.3	19.3	19.9	28.4	26.1	27.2	27.5	26.9	27.2
15	22.0	21.7	21.8	20.7	19.0	19.7	28.3	26.6	27.0	27.1	26.6	26.8
16	22.0	21.3	21.7	21.7	19.5	20.3	28.5	26.2	26.9	27.0	26.3	26.5
17	21.3	19.6	20.4	21.9	19.9	20.8	28.7	26.6	27.3	27.4	26.1	26.6
18	19.6	18.8	19.2	21.9	20.4	21.1	28.1	26.8	27.4	28.3	27.0	27.5
19	19.2	18.6	18.9	22.0	21.0	21.4	27.9	26.8	27.3	28.6	27.6	28.0
20	20.4	18.6	19.3	22.7	21.2	21.9	27.7	26.6	27.1	28.3	27.0	27.8
21	20.5	19.2	19.8	23.0	21.5	22.2	27.1	26.3	26.7	27.2	26.5	26.8
22	21.0	19.6	20.2	23.1	21.8	22.3	27.0	26.4	26.6	27.6	26.6	26.9
23	21.4	20.2	20.8	24.4	22.1	23.1	26.9	25.8	26.3	28.2	27.0	27.4
24	22.3	20.8	21.6	25.1	23.3	24.1	27.2	25.7	26.4	28.8	27.4	27.9
25	22.4	21.8	22.1	25.0	24.1	24.7	27.3	25.9	26.5	29.0	28.0	28.4
26	23.1	22.2	22.6	24.1	22.3	22.9	27.4	26.0	26.7	28.6	27.7	28.0
27	23.1	22.5	22.8	22.3	20.3	21.1	27.5	26.1	26.8	28.0	27.3	27.6
28	22.8	22.2	22.5	21.4	20.0	20.8	27.4	26.3	26.8	27.8	27.2	27.5
29	---	---	---	22.1	20.1	20.9	26.8	26.0	26.4	27.2	26.3	26.8
30	---	---	---	23.3	20.5	21.5	26.3	25.5	25.9	26.3	25.6	26.0
31	---	---	---	23.7	21.1	22.2	---	---	---	27.0	25.5	26.2
Month	23.1	18.6	20.7	25.1	18.2	20.9	28.7	21.9	---	29.0	24.6	26.7

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	27.7	26.0	26.5	29.8	29.3	29.5	30.6	29.8	30.1	29.3	28.9	29.1
2	27.6	26.8	27.1	29.7	29.3	29.4	30.6	30.1	30.3	29.0	28.4	28.8
3	27.6	27.1	27.4	29.6	29.0	29.2	30.5	30.1	30.2	28.8	28.1	28.4
4	27.5	27.0	27.2	29.5	28.8	29.1	30.4	29.7	30.0	28.4	27.7	28.0
5	27.0	26.6	26.8	29.4	28.8	29.1	30.3	30.0	30.1	28.9	27.8	---
6	27.6	26.6	27.0	29.5	28.8	29.2	30.7	30.0	30.3	29.3	28.4	28.9
7	27.6	26.9	27.2	29.8	29.1	29.4	30.5	30.2	30.4	29.2	28.9	29.1
8	27.8	27.0	27.4	29.9	29.2	29.5	30.6	30.0	30.3	29.3	28.6	29.0
9	28.4	27.4	27.9	29.8	29.3	29.5	30.4	30.0	30.2	29.1	28.6	28.8
10	29.1	28.0	28.4	29.8	29.2	29.5	30.4	29.7	30.0	28.9	28.3	28.6
11	29.0	28.2	28.6	29.8	29.2	29.5	30.6	30.0	30.3	28.7	28.2	28.5
12	28.9	28.1	28.6	29.5	28.6	28.9	30.9	30.2	30.5	28.2	27.7	27.8
13	28.4	28.0	28.2	29.0	28.2	28.5	31.2	30.5	30.8	28.4	27.6	28.0
14	28.9	27.8	28.3	28.4	27.1	27.9	31.2	30.7	31.0	28.9	28.0	28.4
15	29.4	28.4	28.8	27.7	27.1	27.4	31.0	30.7	30.9	28.6	28.1	28.4
16	29.9	28.8	29.3	27.3	27.0	27.2	31.1	30.4	30.7	28.1	27.6	27.8
17	30.6	29.4	29.6	27.2	27.0	27.1	31.2	30.6	30.8	27.8	27.4	27.6
18	30.6	29.8	30.2	27.3	26.8	27.0	31.2	30.6	30.9	27.8	27.4	27.6
19	30.8	30.0	30.4	27.4	26.7	27.0	31.1	30.6	30.8	28.1	27.4	27.7
20	30.8	30.1	30.4	28.2	27.3	27.7	30.8	30.4	30.6	28.0	27.4	27.7
21	30.3	29.5	29.9	28.5	27.9	28.2	30.7	30.2	30.4	28.2	27.4	27.8
22	30.4	30.0	30.1	29.4	28.4	28.8	30.7	30.0	30.4	28.6	27.8	28.1
23	30.0	29.6	29.9	29.8	29.0	29.3	30.6	30.2	30.4	28.7	28.2	28.4
24	30.2	29.5	29.8	30.3	29.4	29.8	30.3	29.8	30.0	28.6	28.2	28.4
25	29.9	29.3	29.5	30.6	29.9	30.2	29.9	29.6	29.7	28.6	28.1	28.4
26	29.9	29.0	29.4	30.7	30.2	30.4	29.6	29.1	29.4	28.7	28.1	28.4
27	29.7	29.0	29.4	30.5	29.8	30.2	29.1	28.6	28.9	28.9	28.2	28.5
28	29.9	29.2	29.5	30.4	29.5	29.9	28.6	28.1	28.4	28.9	28.3	28.6
29	30.0	29.2	29.6	30.0	29.6	29.8	29.0	28.2	28.6	28.7	28.1	28.4
30	29.9	29.3	29.6	29.9	29.6	29.8	29.5	28.7	29.0	28.6	28.0	28.3
31	---	---	---	30.2	29.7	29.9	29.6	29.0	29.2	---	---	---
Month	30.8	26.0	28.7	30.7	26.7	29.0	31.2	28.1	30.1	29.3	27.4	---

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued



254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	4.1	0.5	1.3	2.2	0.3	1.0	0.8	0.5	---	1.8	0.2	0.5
2	5.7	0.5	1.4	3.7	0.3	0.9	---	---	---	1.0	0.2	0.4
3	5.0	0.5	1.3	2.0	0.3	0.7	---	---	---	3.6	0.3	0.6
4	3.2	0.6	1.6	2.0	0.2	0.7	---	0.0	---	6.3	0.4	1.4
5	3.2	0.6	1.5	1.7	0.1	0.5	2.1	0.0	0.3	8.1	0.6	3.0
6	3.2	0.5	1.2	2.2	0.2	0.5	2.0	0.0	0.4	7.0	0.6	2.7
7	4.4	0.5	1.4	3.4	0.1	0.6	1.3	0.0	0.4	5.8	0.6	2.1
8	2.7	0.6	1.2	2.4	0.3	0.8	2.3	0.0	0.4	6.7	0.7	2.1
9	5.5	0.4	1.4	1.1	0.4	0.6	1.6	0.0	0.3	5.6	0.8	2.0
10	3.9	0.1	1.3	1.5	0.1	0.6	1.1	0.0	0.2	4.3	0.6	1.8
11	3.1	0.4	1.2	2.2	0.2	0.5	1.6	0.0	0.3	3.8	0.2	1.1
12	3.3	0.3	1.2	1.4	0.1	0.5	4.0	0.1	0.4	1.5	0.1	0.4
13	6.6	0.3	1.2	1.5	0.2	0.6	1.5	0.1	0.5	0.9	0.1	0.4
14	6.8	0.3	1.2	2.4	0.3	0.7	5.7	0.2	0.7	2.0	0.1	0.4
15	6.0	0.1	1.1	2.8	0.3	0.7	2.7	0.3	0.6	1.2	0.0	0.3
16	2.9	0.3	1.0	1.3	0.3	0.5	4.3	0.2	0.5	1.8	0.0	0.3
17	1.8	0.0	0.9	1.2	0.2	0.5	2.7	0.2	0.5	0.7	0.0	0.3
18	4.1	0.0	0.8	1.7	0.3	0.6	1.5	0.2	0.5	1.6	0.0	0.4
19	6.4	0.1	0.7	2.0	0.2	0.8	1.1	0.2	0.5	1.2	0.1	0.4
20	2.5	0.0	0.8	1.2	0.2	0.5	2.0	0.2	0.5	1.0	0.2	0.6
21	2.3	0.1	0.9	1.1	0.4	0.6	1.6	0.2	0.5	0.9	0.2	0.5
22	2.2	0.0	0.8	1.5	0.4	0.9	1.2	0.3	0.6	1.2	0.3	0.5
23	7.5	0.5	1.5	4.4	0.3	1.4	1.6	0.3	0.6	0.8	0.2	0.5
24	6.0	0.4	1.5	3.4	0.3	1.1	1.7	0.3	0.6	0.9	0.3	0.5
25	3.9	0.3	1.3	2.0	0.2	0.7	1.4	0.3	0.5	0.8	0.3	0.5
26	6.6	0.2	1.0	3.8	0.2	0.7	1.2	0.2	0.5	1.3	0.2	0.5
27	2.7	0.3	0.8	0.7	0.2	0.4	1.1	0.2	0.4	0.9	0.2	0.4
28	4.5	0.3	0.9	1.3	0.3	0.6	2.6	0.2	0.5	0.7	0.2	0.4
29	4.5	0.2	1.0	1.2	0.3	0.5	1.5	0.2	0.4	1.2	0.1	0.4
30	4.6	0.3	---	1.4	0.4	0.6	1.6	0.3	0.5	0.6	0.2	0.4
31	3.6	0.6	1.3	---	---	---	1.3	0.2	0.5	0.6	0.2	0.3
Month	7.5	0.0	---	4.4	0.1	0.7	---	---	---	8.1	0.0	0.8

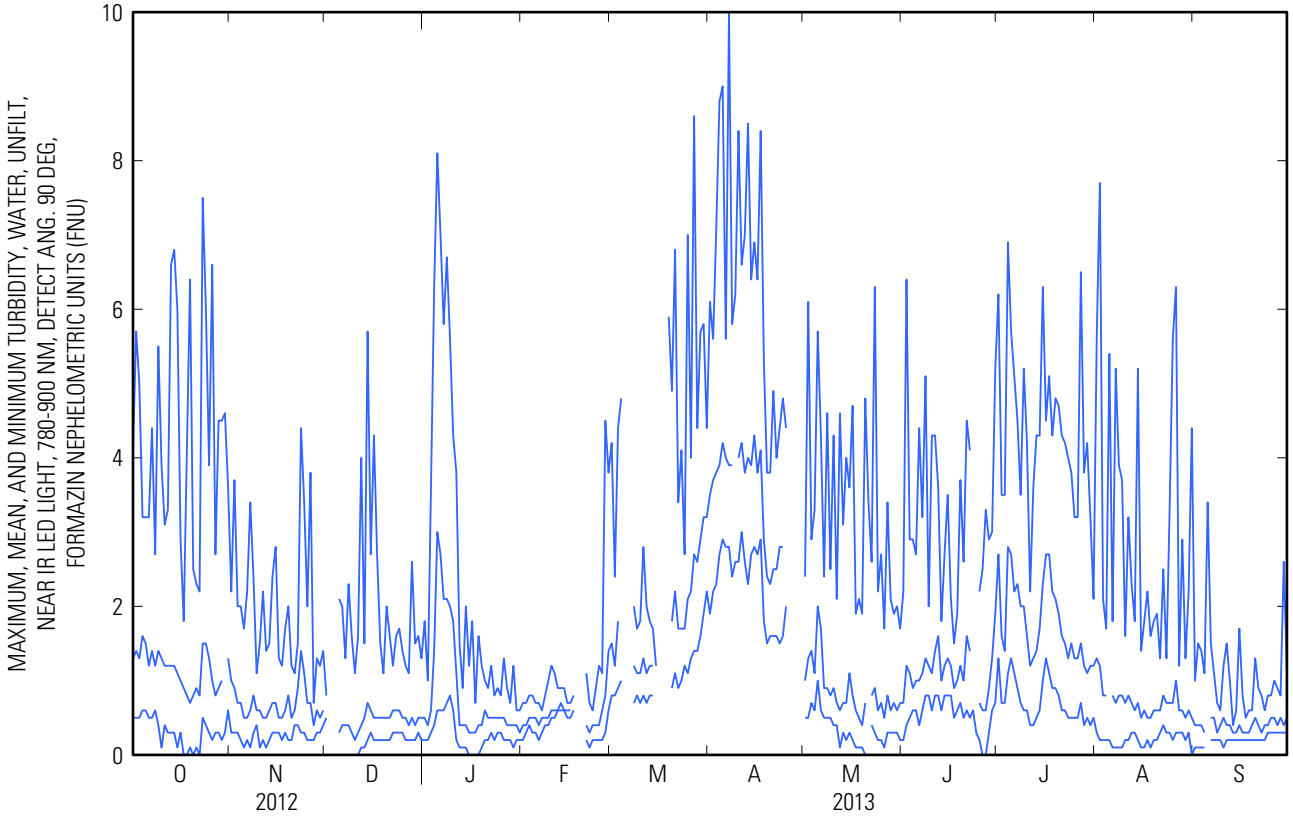
254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	0.7	0.2	0.4	4.2	0.8	1.5	6.1	1.9	3.5	2.4	0.5	1.0
2	0.7	0.3	0.4	2.4	0.8	1.2	5.6	2.2	3.7	6.1	0.5	1.3
3	0.8	0.4	0.5	4.4	0.9	1.8	7.1	2.3	3.8	2.9	0.7	1.4
4	0.8	0.3	0.5	4.8	1.0	---	8.8	2.7	3.9	3.3	0.6	1.1
5	0.7	0.3	0.5	---	---	---	9.0	2.9	4.2	5.7	1.0	2.0
6	0.7	0.2	0.4	---	---	---	5.6	2.8	4.0	4.3	0.6	1.7
7	0.6	0.3	0.5	---	---	---	10	2.8	3.9	2.4	0.5	0.9
8	0.8	0.4	0.5	2.0	0.7	1.2	5.8	2.4	3.9	4.6	0.5	0.9
9	1.0	0.4	0.5	1.7	0.8	1.1	6.2	2.6	---	2.5	0.5	0.8
10	1.2	0.5	0.6	1.8	0.7	1.1	8.4	2.6	4.0	4.3	0.4	0.9
11	1.1	0.5	0.6	2.8	0.8	1.3	6.6	3.0	4.2	2.1	0.4	0.7
12	0.9	0.6	0.6	2.0	0.7	1.1	7.0	2.6	3.8	4.6	0.1	0.6
13	0.9	0.6	0.7	1.8	0.8	1.2	8.5	2.3	4.0	3.1	0.3	0.7
14	0.9	0.6	0.6	1.7	0.8	1.2	6.4	2.7	3.9	4.0	0.2	0.7
15	0.7	0.5	0.6	1.2	---	---	6.9	2.8	4.3	3.6	0.3	1.1
16	0.7	0.5	0.6	---	---	---	6.4	2.7	3.8	4.7	0.2	0.8
17	0.8	0.6	---	---	---	---	8.4	2.9	4.1	1.9	0.1	0.6
18	---	---	---	---	---	---	5.3	1.8	2.9	2.1	0.1	0.5
19	---	---	---	5.9	---	---	3.8	1.5	2.4	1.9	0.1	0.4
20	---	---	---	4.9	0.9	1.8	3.8	1.6	2.3	4.8	0.0	0.7
21	1.1	0.2	0.4	6.8	1.1	2.2	4.9	1.6	2.5	3.4	---	---
22	0.7	0.1	0.3	3.4	0.9	1.7	4.0	1.6	2.5	2.6	0.4	0.8
23	0.6	0.2	0.4	4.1	1.0	1.7	4.4	1.5	2.8	6.3	0.3	0.9
24	0.9	0.2	0.4	2.7	1.2	1.7	4.8	1.6	2.8	2.2	0.2	0.6
25	1.2	0.2	0.4	7.0	1.1	2.1	4.4	2.0	---	2.7	0.2	0.7
26	1.1	0.2	0.6	4.0	1.3	2.2	---	---	---	1.7	0.1	0.5
27	4.5	0.3	0.8	8.6	1.4	2.7	---	---	---	3.4	0.3	0.8
28	3.8	0.6	1.4	4.4	1.4	2.6	---	---	---	2.1	0.3	0.6
29	---	---	---	5.7	1.6	2.9	---	---	---	1.9	0.3	0.7
30	---	---	---	5.8	1.9	3.2	---	---	---	2.0	0.3	0.6
31	---	---	---	4.4	2.2	3.2	---	---	---	1.7	0.2	0.7
Month	---	---	---	---	---	---	---	---	---	6.3	---	---

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	2.2	0.2	0.7	6.2	1.3	2.7	5.6	0.3	1.3	1.0	0.1	0.4
2	6.4	0.4	1.2	3.5	0.7	1.6	7.7	0.2	1.2	1.5	0.1	0.4
3	2.9	0.5	1.1	3.5	0.7	1.4	2.1	0.2	0.8	1.4	0.1	0.4
4	2.9	0.6	0.9	6.9	1.1	2.8	1.7	0.2	0.8	1.1	0.1	0.3
5	2.7	0.6	1.0	5.7	1.3	2.7	5.4	0.2	---	3.4	---	---
6	4.4	0.4	1.0	5.1	1.1	2.2	1.8	0.1	0.8	1.5	0.2	0.5
7	3.2	0.6	1.1	4.5	0.9	2.3	5.2	0.1	0.7	1.1	0.2	0.5
8	5.1	0.8	1.3	3.5	0.7	2.0	3.9	0.1	0.8	0.7	0.2	0.3
9	2.0	0.8	1.2	5.2	0.6	2.0	3.7	0.1	0.8	0.6	0.2	0.4
10	4.3	0.6	1.1	4.2	0.6	1.6	1.6	0.2	0.7	1.2	0.1	0.5
11	4.3	0.8	1.4	2.2	0.4	1.2	3.2	0.2	0.8	1.5	0.2	0.4
12	3.6	0.8	1.6	3.6	0.4	1.3	2.3	0.3	0.7	1.0	0.2	0.4
13	1.8	0.6	1.0	4.3	0.5	1.4	1.8	0.3	0.6	0.4	0.2	0.3
14	2.7	0.8	1.2	4.3	0.6	1.7	5.2	0.2	0.7	0.6	0.2	0.3
15	3.5	0.8	1.3	6.3	1.0	2.3	1.4	0.1	0.5	1.7	0.2	0.4
16	2.1	0.8	1.2	4.5	1.3	2.7	1.8	0.1	0.6	0.8	0.2	0.3
17	1.5	0.5	0.9	5.1	1.1	2.7	2.2	0.2	0.5	0.5	0.2	0.3
18	1.9	0.6	1.0	4.3	0.9	2.2	1.6	0.1	0.5	0.6	0.2	0.3
19	3.7	0.7	1.2	4.8	0.9	2.1	1.8	0.2	0.6	0.6	0.2	0.4
20	2.6	0.5	1.0	4.7	0.8	1.9	1.9	0.2	0.6	1.3	0.2	0.5
21	4.5	0.6	1.6	4.3	0.6	1.6	1.3	0.3	0.6	0.9	0.2	0.4
22	4.1	0.5	1.4	4.2	0.6	1.5	2.5	0.4	0.8	0.8	0.2	0.3
23	---	0.6	---	4.0	0.5	1.3	1.3	0.3	0.7	0.6	0.2	0.4
24	---	0.3	---	3.8	0.5	1.5	3.3	0.3	0.7	0.8	0.3	0.4
25	2.2	0.2	0.7	3.2	0.5	1.3	5.6	0.2	0.7	0.8	0.3	0.5
26	2.5	0.0	0.6	3.2	0.5	1.3	6.3	0.3	1.0	1.0	0.3	0.5
27	3.3	0.0	0.6	6.5	0.7	1.5	1.2	0.3	0.6	0.9	0.3	0.4
28	2.9	0.3	0.9	3.8	0.4	1.2	2.9	0.3	0.6	0.8	0.3	0.5
29	3.0	0.6	1.3	4.2	0.5	1.1	1.3	0.2	0.5	2.6	0.3	0.4
30	5.2	0.7	1.9	3.2	0.4	1.2	2.2	0.3	0.6	1.1	0.3	0.5
31	---	---	---	2.1	0.5	1.2	4.4	0.0	0.5	---	---	---
Month	---	0.0	---	6.9	0.4	1.8	7.7	0.0	---	3.4	---	---

254543080405401 TAMIAMI CANAL AT S-12-D, NEAR MIAMI, FL—Continued