

262200080210001 HILLSBORO CANAL AT S-10-C, NEAR DEERFIELD BEACH, FL

LOCATION.--Lat 26°22'16", long 80°21'00", in NW ¼ sec.14, T.47 S., R.40 E., Palm Beach County, Hydrologic Unit 03090202, on Hillsboro Canal on the north bank of the spillway 200 ft northeast of S-10-C, a four-gated control structure, 9.6 mi west of State Road 7 (U.S. Highway 441) on Hillsboro Boulevard. The auxiliary stage recorder is located approximately 20 yards downstream of S-10-C on the south bank of the spillway.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 1991 to current year.

GAGE.--Satellite data collection platform with water-stage shaft encoders upstream and downstream of structure S-10-C. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Army Corps of Engineers bench mark).

REMARKS.--Station is one of several located on L-39 which regulates flow for Conservation Areas 1 and 2A. Gage records are primarily used to determine stages. Water levels below land-surface datum can be recorded.

EXTREME UPSTREAM STAGES FOR PERIOD OF RECORD.--Maximum gage height, 17.82 ft Dec. 15, 1997; minimum, 11.79 ft May 22, 23, 2001.

EXTREME DOWNSTREAM STAGES FOR PERIOD OF RECORD.--Maximum gage height, 16.92 ft Oct. 15, 1999; minimum, 11.45 ft May 22, 2001.

EXTREME UPSTREAM STAGES FOR CURRENT YEAR.--Maximum gage height, 17.16 ft Oct. 2, 3; minimum, 13.34 ft June 5.

EXTREME DOWNSTREAM STAGES FOR CURRENT YEAR.--Maximum gage height, 16.11 ft Sept. 29, 30; minimum, 11.50 ft June 3, 4.

UPSTREAM
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.13	16.71	16.75	16.73	16.70	16.48	15.75	15.13	13.75	14.15	15.11	16.45
2	17.14	16.71	16.75	16.72	16.71	16.45	15.74	15.09	13.54	14.03	15.22	16.39
3	17.14	16.72	16.71	16.72	16.72	16.42	15.70	15.08	13.48	13.87	15.29	16.29
4	17.13	16.75	16.68	16.70	16.73	16.38	15.67	15.15	13.42	13.77	15.39	16.35
5	17.09	16.83	16.69	16.69	16.70	16.32	15.64	15.15	13.44	13.81	15.52	16.21
6	17.07	16.95	16.77	16.69	16.67	16.29	15.59	15.10	13.50	13.84	15.63	16.49
7	17.03	17.00	16.75	16.72	16.67	16.26	15.55	14.98	13.62	13.78	15.71	16.52
8	17.02	17.00	16.72	16.68	16.69	16.24	15.50	14.93	13.67	13.64	15.78	16.40
9	17.01	17.01	16.71	16.65	16.64	16.19	15.52	14.88	13.84	13.50	15.84	16.45
10	16.98	17.04	16.70	16.66	16.61	16.14	15.55	14.81	14.12	13.56	15.87	16.23
11	16.94	17.04	16.72	16.68	16.58	16.10	15.55	14.73	14.33	13.70	15.89	16.03
12	16.92	17.01	16.72	16.63	16.55	16.09	15.56	14.64	14.39	13.77	15.89	15.98
13	16.90	16.99	16.71	16.61	16.54	16.09	15.61	14.58	14.40	13.90	15.84	15.93
14	16.88	16.98	16.72	16.60	16.50	16.07	15.68	14.56	14.39	13.92	15.84	15.87
15	16.90	16.95	16.82	16.60	16.50	16.03	15.68	14.51	14.36	---	15.87	15.91
16	16.88	16.93	16.86	16.58	16.50	16.04	15.65	14.51	14.33	13.75	15.87	16.08
17	16.86	16.91	16.87	16.56	16.47	16.10	15.62	14.52	14.29	13.87	15.90	16.10
18	16.86	16.90	16.88	16.57	16.48	16.10	15.59	14.54	14.20	13.93	15.95	16.09
19	16.84	16.87	16.88	16.59	16.43	16.08	15.55	14.51	14.17	14.03	16.01	16.06
20	16.82	16.90	16.87	16.59	16.40	16.06	15.53	14.48	14.20	14.34	16.06	16.03
21	16.80	16.88	16.87	16.57	16.39	16.03	15.48	14.47	14.29	14.53	16.10	16.05
22	16.78	16.86	16.84	16.56	16.38	16.02	15.44	14.38	14.36	14.55	16.14	16.21
23	16.76	16.84	16.82	16.56	16.33	16.00	15.40	14.31	14.45	14.55	16.20	16.28
24	16.74	16.83	16.80	16.55	16.30	15.97	15.36	14.21	14.56	14.52	16.22	16.31
25	16.75	16.81	16.82	16.52	16.34	15.94	15.32	14.10	14.59	14.50	16.27	16.29
26	16.74	16.80	16.81	16.49	16.45	15.92	15.26	13.95	14.54	14.55	16.31	16.34
27	---	16.79	16.80	16.50	16.50	15.88	15.23	14.06	14.49	14.63	16.34	16.48
28	16.70	16.78	16.78	16.55	16.54	15.86	15.21	14.13	14.38	14.67	16.39	16.25
29	---	16.82	16.76	16.52	16.53	15.84	15.17	14.08	14.32	14.77	16.44	16.23
30	16.73	16.76	16.75	16.52	---	15.82	15.15	13.97	14.26	14.90	16.45	16.22
31	16.71	---	16.74	16.61	---	15.78	---	13.84	---	14.95	16.45	---
TOTAL	---	506.37	520.07	514.92	479.55	498.99	465.25	451.38	423.68	---	493.79	486.52
MEAN	---	16.88	16.78	16.61	16.54	16.10	15.51	14.56	14.12	---	15.93	16.22
MAX	---	17.04	16.88	16.73	16.73	16.48	15.75	15.15	14.59	---	16.45	16.52
MIN	---	16.71	16.68	16.49	16.30	15.78	15.15	13.84	13.42	---	15.11	15.87

262200080210001 HILLSBORO CANAL AT S-10-C, NEAR DEERFIELD BEACH, FL-Continued

DOWNSTREAM
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.39	12.96	12.85	12.60	12.61	12.39	12.08	12.01	11.58	11.61	11.99	12.95
2	13.39	12.95	12.83	12.59	12.58	12.37	12.06	12.00	11.55	11.58	12.13	13.82
3	13.41	13.03	12.83	12.59	12.55	12.36	12.05	12.00	11.52	11.56	12.09	14.43
4	13.42	13.03	12.84	12.59	12.52	12.36	12.04	12.05	11.54	11.56	12.05	14.41
5	13.43	13.09	12.82	12.58	12.53	12.36	12.04	12.02	11.59	11.56	12.06	14.52
6	13.43	13.20	12.80	12.56	12.52	12.33	12.04	11.99	11.57	11.59	12.08	14.51
7	13.43	13.23	12.78	12.51	12.48	12.31	12.05	11.98	---	11.66	12.11	14.90
8	13.43	13.21	12.79	12.51	12.42	12.28	12.04	11.96	---	11.62	12.14	15.35
9	13.41	13.19	12.78	12.51	12.43	12.26	12.06	11.94	---	11.59	12.17	15.39
10	13.40	13.18	12.80	12.48	12.43	12.25	12.15	11.92	---	11.57	12.19	15.69
11	13.39	13.16	12.78	12.44	12.43	12.23	12.20	11.91	---	11.55	12.25	15.89
12	13.38	13.15	12.77	12.46	12.43	12.23	12.20	11.89	---	11.56	13.20	15.86
13	13.36	13.13	12.76	12.46	12.42	12.23	12.25	11.87	---	11.60	14.13	15.81
14	13.35	13.10	12.79	12.46	12.43	12.22	12.20	11.84	---	11.58	14.14	15.77
15	13.33	13.10	12.81	12.45	12.41	12.24	12.17	11.83	11.59	---	14.11	15.54
16	13.31	13.09	12.80	12.45	12.38	12.26	12.14	11.85	11.58	11.59	14.09	15.25
17	13.28	13.08	12.77	12.46	12.37	12.26	12.14	11.84	11.56	11.62	14.12	15.19
18	13.25	13.07	12.74	12.49	12.34	12.24	12.11	11.82	11.56	11.64	13.73	15.15
19	13.22	13.05	12.73	12.53	12.34	12.22	12.10	11.80	11.56	11.65	13.18	15.13
20	13.21	13.01	12.71	12.50	12.36	12.21	12.08	11.78	11.66	11.66	13.05	15.11
21	13.18	13.00	12.68	12.48	12.35	12.18	12.07	11.76	11.80	11.63	12.97	15.09
22	13.15	13.00	12.69	12.48	12.34	12.16	12.07	11.75	11.77	11.62	12.92	15.08
23	13.13	12.98	12.70	12.45	12.34	12.13	12.06	11.73	11.75	11.60	12.89	15.05
24	13.11	12.97	12.70	12.45	12.35	12.13	12.05	11.71	11.73	11.59	12.87	15.07
25	13.10	12.96	12.68	12.46	12.36	12.14	12.03	11.68	11.72	11.56	12.86	15.09
26	13.07	12.95	12.66	12.46	12.44	12.13	12.02	11.66	11.70	---	12.86	15.20
27	---	12.94	12.66	12.46	12.40	12.12	11.99	11.65	11.68	---	12.86	15.54
28	13.03	12.92	12.65	12.43	12.35	12.11	11.97	11.64	11.64	---	---	16.08
29	---	12.86	12.64	12.43	12.37	12.10	11.99	11.62	11.62	11.66	---	16.09
30	13.02	12.86	12.62	12.44	---	12.09	12.01	11.61	11.62	11.66	---	16.10
31	13.00	---	12.61	12.54	---	12.10	---	11.60	---	11.72	---	---
TOTAL	---	391.45	395.07	387.30	360.28	379.00	362.46	366.71	---	---	---	455.06
MEAN	---	13.05	12.74	12.49	12.42	12.23	12.08	11.83	---	---	---	15.17
MAX	---	13.23	12.85	12.60	12.61	12.39	12.25	12.05	---	---	---	16.10
MIN	---	12.86	12.61	12.43	12.34	12.09	11.97	11.60	---	---	---	12.95