262100080190001 HILLSBORO CANAL AT S-10-A, NEAR DEERFIELD BEACH, FL

LOCATION.--Lat 26°21'32", long 80°18'37", in NE $^1/_4$ sec.24, 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-A, a four-gated control structure, 6.9 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-A 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-A. 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. Revised figures of downstream stage for water year 2000 are available in the files of the U.S. Geological Survey. These supersede those published in the water year 2000 report. Revisions were necessary due to new levels, run February 7, 2002.

EXTREME UPSTREAM STAGES FOR PERIOD OF RECORD.--Maximum gage height, 17.78 ft Dec. 14, 15, 1998; minimum gage height, 12.03 ft May 23, 2001.

EXTREME DOWNSTREAM STAGES FOR PERIOD OF RECORD.--Maximum gage height, 16.77 ft (estimated) Oct. 16, 1999; minimum, 11.43 ft May 22, 2001.

EXTREME UPSTREAM STAGES FOR CURRENT YEAR.--Maximum gage height, 17.11 ft Oct. 1, 2; minimum, 13.32 ft June 5.

EXTREME DOWNSTREAM STAGES FOR CURRENT YEAR.--Maximum gage height, 16.03 ft Sept. 30; minimum, 11.50 ft June 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	17.10	16.69	16.74	16.72	16.67	16.46	15.76	15.10	13.74	14.13	15.09	---
2	---	16.70	16.73	16.71	16.69	16.43	15.74	15.08	13.53	14.01	15.21	16.38
3	---	16.72	16.70	16.71	16.70	16.40	15.71	15.08	13.47	13.86	15.28	16.29
4	---	16.74	16.66	16.69	16.71	16.35	15.67	15.16	13.41	13.76	15.38	16.44
5	---	16.82	16.68	16.68	16.67	16.30	15.63	15.13	13.43	13.81	15.50	16.34
6	17.08	16.94	16.77	16.68	16.64	16.28	15.57	15.05	13.49	13.83	---	16.47
7	17.05	16.99	16.75	16.71	16.65	16.26	15.53	14.97	13.62	13.77	15.69	16.51
8	17.03	17.00	16.72	---	16.67	16.24	15.49	14.92	13.65	13.63	15.76	16.42
9	17.01	17.01	16.69	16.65	16.63	16.18	15.51	14.86	13.81	13.48	15.81	16.45
10	16.98	17.03	16.69	16.66	16.60	16.13	15.54	14.79	14.09	13.55	15.85	16.24
11	16.94	17.03	16.73	16.68	16.58	16.10	15.53	14.70	14.30	13.70	15.88	16.02
12	16.92	17.01	16.72	16.63	16.55	16.10	15.56	14.61	14.38	13.77	15.88	15.97
13	16.90	17.00	16.70	16.61	16.54	16.09	15.62	14.55	14.38	13.89	15.84	15.90
14	16.88	16.98	16.72	16.60	16.51	16.06	15.71	14.54	14.37	13.92	15.83	15.84
15	16.89	16.95	16.81	16.59	16.50	16.02	15.69	14.49	14.33	13.82	15.86	15.89
16	16.88	16.93	16.84	16.58	16.51	16.03	15.65	14.49	14.31	13.74	15.87	16.07
17	16.86	16.91	16.87	16.56	16.49	16.11	15.62	14.50	14.26	13.85	15.89	16.10
18	16.86	16.89	16.89	16.56	16.49	16.08	15.58	14.53	14.17	13.93	15.93	16.09
19	16.84	16.87	16.87	16.59	16.44	16.07	15.55	14.49	14.15	14.01	15.99	16.07
20	16.83	16.90	16.87	16.60	16.41	16.03	15.52	14.47	14.18	14.31	16.03	16.05
21	16.80	16.89	16.86	16.58	16.41	16.01	15.47	14.45	14.28	14.52	16.06	16.07
22	16.79	16.85	16.83	16.58	16.39	16.00	15.43	14.35	14.35	14.53	16.11	16.22
23	16.77	16.83	16.81	16.57	16.34	15.98	15.39	14.28	14.44	14.53	16.17	16.29
24	16.75	16.82	16.80	16.56	16.31	15.94	15.35	14.18	14.53	14.50	16.19	16.33
25	16.73	16.80	16.81	16.52	16.35	15.90	15.30	14.08	14.56	14.49	16.24	16.37
26	16.74	16.80	16.81	16.50	16.46	15.89	15.25	13.93	14.52	14.54	16.28	16.41
27	16.72	16.78	16.80	16.50	16.50	15.86	15.24	14.05	14.46	14.61	16.31	16.47
28	16.70	16.77	16.78	16.55	16.54	15.84	15.20	14.11	14.36	14.65	16.36	16.27
29	---	16.81	16.75	16.52	16.51	15.83	15.15	14.07	14.30	14.74	---	16.23
30	16.72	16.76	16.73	16.52	---	15.81	15.13	13.97	14.24	14.86	---	16.22
31	16.70	---	16.73	16.60	---	15.78	---	13.83	---	14.94	---	---
TOTAL	---	506.22	519.86	---	479.46	498.56	465.09	450.81	423.11	437.68	---	---
MEAN	---	16.87	16.77	---	16.53	16.08	15.50	14.54	14.10	14.12	---	---
MAX	---	17.03	16.89	---	16.71	16.46	15.76	15.16	14.56	14.94	---	---
MIN	---	16.69	16.66	---	16.31	15.78	15.13	13.83	13.41	13.48	---	---

262100080190001 HILLSBORO CANAL AT S-10-A, 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	13.43	12.97	12.80	12.57	12.59	12.36	12.08	12.01	11.59	11.60	11.99	12.95
2	13.44	12.96	12.78	12.56	12.56	12.35	12.06	12.00	11.56	11.58	12.13	13.69
3	---	13.03	12.77	12.56	12.53	12.33	12.05	12.01	11.53	11.57	12.09	14.33
4	---	13.02	12.78	12.56	12.51	12.33	12.04	12.06	11.54	11.56	12.05	14.39
5	---	13.06	12.78	12.55	12.50	12.33	12.02	12.03	11.56	11.56	12.06	14.47
6	---	13.16	12.77	12.53	12.50	12.32	12.02	12.00	11.54	11.58	---	14.43
7	---	13.19	12.75	12.50	12.48	12.30	12.02	11.98	11.54	11.63	12.10	14.72
8	---	13.16	12.74	---	12.41	12.27	12.02	11.96	11.55	11.60	12.13	15.19
9	13.40	13.14	12.73	12.49	12.41	12.25	12.04	11.94	11.57	11.56	12.16	15.30
10	13.40	13.12	12.75	12.48	12.41	12.23	12.13	11.92	11.59	11.55	12.20	15.57
11	13.38	13.11	12.75	12.43	12.41	12.21	12.17	11.90	11.61	11.54	12.26	15.81
12	13.37	13.09	12.74	12.45	12.41	12.21	12.21	11.88	11.61	11.56	13.03	15.78
13	13.35	13.08	12.73	12.45	12.40	12.20	12.28	11.86	11.60	11.60	13.87	15.74
14	13.34	13.05	12.76	12.45	12.41	12.20	12.25	11.84	11.59	11.58	13.89	15.69
15	13.33	13.04	12.78	12.44	12.40	12.20	12.20	11.82	11.58	11.56	13.91	15.51
16	13.30	13.03	12.76	12.44	12.37	12.24	12.17	11.84	11.57	11.60	13.92	15.22
17	13.28	13.02	12.75	12.44	12.37	12.25	---	11.83	11.56	11.70	13.94	15.15
18	13.25	13.01	12.72	12.48	12.34	12.23	12.12	11.81	11.55	11.68	13.67	15.10
19	13.22	13.00	12.71	12.51	12.33	12.21	12.10	11.80	11.55	11.67	13.18	15.07
20	13.20	12.97	12.68	12.49	12.34	12.19	12.08	11.78	11.66	11.67	13.06	15.05
21	13.17	12.96	12.66	12.47	12.34	12.18	12.08	11.76	11.80	11.65	12.99	15.02
22	13.15	12.95	12.66	12.47	12.33	12.17	12.07	11.75	11.78	11.63	12.95	15.00
23	13.12	12.93	12.67	12.45	12.33	12.13	12.06	11.74	11.75	11.62	12.91	14.97
24	13.10	12.92	12.67	12.44	12.34	12.12	12.05	11.71	11.72	11.60	12.89	14.98
25	13.08	12.92	12.65	12.44	12.35	12.11	12.03	11.69	11.71	11.60	12.88	15.04
26	13.07	12.90	12.63	12.44	12.43	12.10	12.02	11.67	11.69	11.60	12.86	15.13
27	13.05	12.89	12.62	12.46	12.39	12.10	12.01	11.66	11.67	11.61	12.86	15.41
28	13.03	12.88	12.61	12.43	12.35	12.10	11.98	11.65	11.64	11.62	12.88	15.96
29	---	12.82	12.60	12.41	12.35	12.09	11.99	11.63	11.62	11.64	12.97	15.99
30	13.02	12.81	12.59	12.42	---	12.09	12.01	11.61	11.61	11.65	12.98	16.01
31	12.99	---	12.58	12.52	---	12.09	---	11.61	---	11.72	12.97	---
TOTAL	---	390.19	393.97	---	359.89	378.49	---	366.75	348.44	359.89	---	452.67
MEAN	---	13.01	12.71	---	12.41	12.21	---	11.83	11.61	11.61	---	15.09
MAX	---	13.19	12.80	---	12.59	12.36	---	12.06	11.80	11.72	---	16.01
MIN	---	12.81	12.58	---	12.33	12.09	---	11.61	11.53	11.54	---	12.95