

LOCATION.--Lat 26°41'00", long 80°22'10", in SW  $\frac{1}{4}$  sec.32, T.43 S., R.40 E., Palm Beach County, Hydrologic Unit 03090202, at pump station S-5A, 1.5 mi downstream from Cross Canal, and 6 mi west of Loxahatchee.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--January 1955 to current year (gage heights only).

GAGE.--Electronic data logger. Datum of gage is National Geodetic Vertical Datum of 1929 (South Florida Water Management District bench marks). Prior to October 1, 1981, datum of gage is 0.24 ft higher, from October 1, 1981 to June 22, 1994, datum of gage is -0.19 ft lower and from June 22, 1994 to October 1, 2001, datum of gage is 0.11 ft higher than present datum. The change in datum is based upon an adjustment to FCE 790 benchmark elevation surveyed by South Florida Water Management District.

REMARKS.--Gage records water level in Conservation Area No. 1 at structure 5 complex. Stage is affected by pumping at S-5A and S-6 and the operation of gated-control structures in levees 39 and 40. Discharge for S-5A-S is stored under this station number in the U.S. Geological Survey's database starting 1991 water year. Records of gage height prior to October 1967 are available from the files of the U.S. Geological Survey.

COOPERATION.--Supplemental stage record provided by South Florida Water Management District.

EXTREME STAGES FOR PERIOD OF RECORD.--Maximum gage height, 19.04 ft present datum, Oct. 18 1999; minimum, 8.18 ft present datum, Apr. 20, 24, 1956. See GAGE.

EXTREME STAGES FOR CURRENT YEAR.--Maximum gage height, 18.74 ft Sept. 26; minimum, 11.22 ft May 29.

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	16.02	14.94	15.33	11.91	17.02	16.18	16.80	16.95	15.70	16.34	12.76	13.51
2	13.96	15.14	16.35	13.50	17.12	16.24	17.28	16.71	16.57	17.10	13.94	13.07
3	12.70	15.34	16.11	14.66	17.18	16.20	17.00	16.50	16.78	16.68	16.79	12.15
4	11.97	13.30	15.85	14.23	16.79	16.19	16.74	16.33	16.76	16.93	17.18	13.12
5	13.42	12.99	16.42	14.78	16.84	16.12	16.50	16.13	17.08	17.41	16.21	15.55
6	12.09	15.01	17.12	14.98	17.67	15.98	16.60	15.93	17.13	17.35	14.87	17.72
7	11.97	14.35	16.87	15.23	17.78	15.92	16.80	16.92	16.68	17.73	14.19	17.45
8	11.84	11.91	16.64	14.42	17.00	15.89	17.43	17.74	13.28	16.43	13.32	17.31
9	11.80	13.49	16.43	14.49	16.71	15.80	17.61	17.47	12.75	15.15	12.89	17.42
10	11.79	12.98	16.27	15.11	17.28	15.80	17.63	17.22	13.26	16.44	13.76	17.41
11	11.77	12.95	15.58	16.06	17.51	15.82	17.35	16.41	12.64	16.85	12.28	17.44
12	11.75	12.28	11.80	15.66	17.39	15.89	16.05	16.62	12.75	16.96	15.00	17.05
13	11.74	11.79	11.48	15.32	17.39	15.86	14.94	17.13	12.70	16.64	15.22	14.98
14	11.76	11.87	11.65	15.55	17.16	15.85	16.86	17.00	12.54	16.62	13.05	13.88
15	11.88	11.77	15.49	15.99	16.50	15.88	15.12	17.01	11.59	16.55	13.23	12.96
16	11.97	11.74	12.35	15.98	15.96	15.91	14.68	17.06	12.63	16.90	14.11	12.26
17	12.06	11.73	12.99	15.80	16.61	15.77	14.20	17.07	14.41	16.60	14.98	11.43
18	12.15	11.72	13.28	15.61	17.64	16.28	13.84	16.77	15.63	16.23	14.97	14.10
19	12.22	11.75	12.85	16.37	16.94	17.17	13.93	16.63	16.18	16.01	14.97	16.36
20	12.27	11.72	12.10	16.94	16.98	16.37	15.69	16.66	16.85	12.87	14.73	16.14
21	12.34	11.69	12.07	16.27	16.11	14.32	16.84	16.13	17.40	12.49	13.10	17.52
22	12.39	11.66	12.07	16.29	15.45	15.55	16.68	15.86	17.13	12.46	14.54	18.26
23	12.43	11.64	12.06	16.35	15.78	17.34	17.03	15.61	16.04	12.37	13.96	17.96
24	13.64	14.21	12.07	16.75	15.97	17.73	16.68	16.03	17.23	11.45	12.72	17.02
25	13.73	15.77	12.04	17.50	16.25	17.44	16.25	17.25	16.64	12.63	14.47	15.69
26	13.31	16.07	12.01	17.45	15.24	16.98	15.85	17.05	16.15	14.23	16.13	17.72
27	13.98	16.38	11.99	17.31	15.66	16.64	16.75	16.66	15.77	16.56	15.55	18.05
28	14.50	15.88	11.97	17.17	12.57	16.40	17.69	15.12	15.48	15.89	13.89	17.94
29	14.61	14.96	11.96	16.69	15.73	16.18	17.64	14.20	15.53	13.04	12.62	18.00
30	14.52	13.39	11.95	16.52	---	15.99	17.21	15.06	16.17	13.45	12.86	18.03
31	14.58	---	11.94	16.75	---	15.80	---	15.34	---	11.59	12.75	---
TOTAL	397.16	400.42	425.09	487.64	480.23	501.49	491.67	510.57	457.45	475.95	441.04	477.50
MEAN	12.81	13.35	13.71	15.73	16.56	16.18	16.39	16.47	15.25	15.35	14.23	15.92
MAX	16.02	16.38	17.12	17.50	17.78	17.73	17.69	17.74	17.40	17.73	17.18	18.26
MIN	11.74	11.64	11.48	11.91	12.57	14.32	13.84	14.20	11.59	11.45	12.28	11.43