

265645080055900 LOXAHATCHEE RIVER AT POMPANO DR. NEAR JUPITER, FL

LOCATION.--Lat 26°56'45", long 80°05'59", in SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  SE  $\frac{1}{4}$ , sec.36, T.40 S., R.42 E., Palm Beach County, Hydrologic Unit 03090202, on the Loxahatchee River, Jupiter, FL; 76 mi north of Indiantown road, .49 mi east of State Road 811 Alternate (A1A), 3.6 mi northwest of U.S. Interstate 95.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--

GAGE HEIGHT: October 2002 to current year.

SALINITY: October 2002 to current year.

WATER TEMPERATURE: October 2002 to current year.

GAGE.--Electronic data logger with water-quality monitor sensor. Datum of gage is National Geodetic Vertical Datum of 1929, survey levels from a benchmark provided by Palm Beach County.

REMARKS.--Salinity record rated excellent for the 2003 water year. Salinity record rated excellent for the 2004 water year except for the period of April 20-22, May 15-18, when record was rated good. Temperature record rated good for the 2004 water year. Elevation of the salinity-temperature sensor is -1.41 ft NGVD, Oct. 30, 2002.

EXTREMES FOR PERIOD OF RECORD.--

GAGE HEIGHT: Maximum gage height, 4.45 ft Sept. 5, 2004; minimum, -1.54 ft July 1, 2004.

SALINITY: Maximum recorded, 37.0 ppt Nov. 6, 2002 may have been higher during period of missing record; minimum recorded, 0.8 ppt, Sept. 7, 2004, may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.3°C July 15, 2004, may have been higher during period of missing record; minimum recorded, 13.5°C Jan. 25, 2003 may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 4.45 ft Sept. 5; minimum, -1.54 ft July 1.

SALINITY: Maximum recorded, 36.5 ppt July 7-11, may have been higher during period of missing record; minimum recorded, 0.8 ppt, Sept. 7, may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.3°C July 15, may have been higher during period of missing record; minimum recorded, 15.8°C Dec. 21, may have been lower during period of missing record.











