

02276575 NORTH FORK ST. LUCIE RIVER AT VETERANS PARK NEAR PORT ST. LUCIE, FL

LOCATION.--Lat 27°16'27", long 80°19'16", in NW ¼ SE ¼ NE ¼, sec.10, T.37 S., R.40 E., St. Lucie County, Hydrologic Unit 03090202, on the St. Lucie River, Port St. Lucie, at Veterans Memorial Park, .05 mi south of North Fork of St. Lucie bridge 2.0 mi west of U.S. Highway 1, 2.2 mi east of Florida Turnpike.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--

GAGE HEIGHT: August 1997 to October 2000, September 2002 to September 2004. Discontinued.

SALINITY: August 1997 to October 2000, September 2002 to September 2004. Discontinued.

WATER TEMPERATURE: August 1997 to October 2000, September 2002 to September 2004. Discontinued.

GAGE.--Satellite data collection platform with water-stage shaft encoder and water-quality monitor sensors. Datum of gage is National Geodetic Vertical Datum of 1929 converted through CORPSCON using the NAVD 88 survey levels from a benchmark provided by the City of Port St. Lucie.

REMARKS.--Maximum and minimum salinity record rated good for the 2003 water year. Maximum and minimum salinity record rated excellent for the 2004 water year. Maximum and minimum temperature record rated good for the 2003 water year. Maximum and minimum temperature record rated good for the 2004 water year. Elevation of the salinity-temperature sensor is -1.98 ft NGVD.

EXTREMES FOR PERIOD OF RECORD.--

GAGE HEIGHT: Maximum gage height, 6.07 ft Sept. 26, 2004, may have been higher during period of missing record; minimum, -0.84 ft Apr. 20, 1998, may have been lower during period of missing record.

SALINITY: Maximum recorded, 23.2 ppt Mar. 28, 1999, may have been higher during period of missing record; minimum recorded, 0.0 ppt Sept. 9, 1997, may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 34.1°C June 24, July 27, 1998, may have been higher during period of missing record; minimum recorded, 12.2°C Jan. 25, 2003, may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 6.07 ft Sept. 26; minimum, -0.81 ft Jan. 6, Aug. 14.

SALINITY: Maximum recorded, 17.4 ppt June 11, may have been higher during period of missing record; minimum recorded, 0.1 ppt Sept. 27-30, may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.5°C June 28, July 13, 15, may have been higher during period of missing record; minimum recorded, 15.1°C Dec. 22, may have been lower during period of missing record.

