

252230081021300 SHARK RIVER NEAR GUNBOAT ISLAND NEAR FLAMINGO, FL

LOCATION.--Lat 25°22'30", long 81°02'12", T.58 S., R.33 E., Monroe County, Harney River Quadrangle, Hydrologic Unit 03090202, left bank, 0.3 mi north of Gunboat Island, 18 mi northwest of Flamingo.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 2001 to current year.

GAGE.--Satellite data collection platform with water-stage shaft encoder, acoustic doppler velocity meter. Datum of gage is North American Vertical Datum of 1988.

REMARKS.--Record poor. Daily values are not published for this site. Discharge and gage height 15 minute data, are available in files of the U.S. Geological Survey. Data can also be accessed online at <http://sofia.usgs.gov/>.

EXTREMES FOR PERIOD OF RECORD.--

DISCHARGE: Maximum positive discharge 9,820 ft³/s Oct. 16, 2001; maximum negative, 12,600 ft³/s Sept. 5, 2004.

GAGE HEIGHT: Maximum gage height, 1.82 ft Sept. 5, 2004; minimum, -3.21 ft Feb. 14, 2003.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge 8,980 ft³/s Sept. 27; maximum negative, 12,600 ft³/s Sept. 5.

GAGE HEIGHT: Maximum gage height, 1.82 ft Sept. 5; minimum, -2.84 ft Mar. 25.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SALINITY: March 2001 to current year.

WATER TEMPERATURE: March 2001 to current year.

INSTRUMENTATION.--Water quality monitor.

REMARKS.--Salinity record rated excellent except for the following periods: Nov. 27 to Dec. 18, Dec. 28 to Feb. 3, and June 15 to July 8 rated good. Temperature record rated good. Salinity and temperature sensors located at -3.3 ft NAVD. Salinity and temperature 15 minute data, are available in files of the U.S. Geological Survey. Data can also be accessed online at <http://sofia.usgs.gov/>.

EXTREMES FOR PERIOD OF RECORD.--

SALINITY: Maximum recorded, 34.0 ppt June 3, 2004, but may have been higher during period of missing record; minimum recorded, 0.4 ppt Oct. 1-3, 7-9, 26, 27, 2002, and Oct. 2-6, 2004, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.1°C Aug. 4, 2002, but have been higher during period of missing record; minimum recorded 14.4°C Jan. 25, 2003, but may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 34.0 ppt June 3, but may have been higher during period of missing record; minimum recorded, 0.4 ppt Oct. 2-6, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 32.6°C July 27, but have been higher during period of missing record; minimum recorded, 16.2°C Dec. 21, 22, but may have been lower during period of missing record.