

**252230081021300 SHARK RIVER NEAR GUNBOAT ISLAND NEAR FLAMINGO, FL**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°22'30", long 81°02'12" referenced to North American Datum of 1927, in T.58 S., R.33 E., Monroe County, FL, Hydrologic Unit 03090202, Harney River Quadrangle, left bank, 0.3 mi north of Gunboat Island, 18 mi northwest of Flamingo.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

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

GAGE.--Satellite data collection platform with water-stage shaft encoder, acoustic Doppler velocity meter. Datum of gage is North American Vertical Datum of 1988 (NAVD 88).

REMARKS.--Records fair. Daily values are not published for this site. Prior to March 2001, arbitrary stage and discharge records collected by the Tampa office and have been published on the USGS south Florida information Access Web Page but are not included in this station manuscript. 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, 10,500 ft<sup>3</sup>/s Sept. 15, 18, 2001; maximum negative, 33,400 ft<sup>3</sup>/s Oct. 24, 2005.

GAGE HEIGHT: Maximum gage height, 4.17 ft Oct. 24, 2005; minimum, -3.77 ft Mar. 16, 2001.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 8,280 ft<sup>3</sup>/s Sept. 29; maximum negative, 10,300 ft<sup>3</sup>/s Sept. 27.

GAGE HEIGHT: Maximum gage height, 0.99 ft June 2; minimum, -3.14 ft Dec. 9.

CORRECTIONS.--The extremes for water year 2001 were not published. The extremes for March 2001 to September 2001 follow:

EXTREMES FOR WATER YEAR 2001.--

DISCHARGE: Maximum positive discharge, 10,500 ft<sup>3</sup>/s Sept. 15, 18, 2001; maximum negative, 15,500 ft<sup>3</sup>/s Sept. 14, 2001.

GAGE HEIGHT: Maximum gage height, 1.78 ft Sept. 14, 2001; minimum, -3.77 ft Mar. 16, 2001.

**252230081021300 SHARK RIVER NEAR GUNBOAT ISLAND NEAR FLAMINGO, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SALINITY: March 2001 to current year.

WATER TEMPERATURE: March 2001 to current year.

INSTRUMENTATION.--Water-quality monitor with single mid-depth sensor.

REMARKS.--Salinity record rated excellent except for the following periods: October 1 to 4, rated good. Temperature record rated excellent except for the following periods: June 26 to September 17, rated good. During periods of missing record, values may be higher or lower than the listed extremes.

Salinity and temperature sensor located at -3.3 ft. NAVD 88. Daily values are not published for this site. 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, 35.6 ppt Apr. 25,26, 2001; minimum recorded, 0.3 ppt Sept. 24, 2005, October 10, 11, 2005.

WATER TEMPERATURE: Maximum recorded, 33.1°C Aug. 4, 2002; minimum recorded, 14.4°C Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 33.9 ppt May 14; minimum recorded, 0.7 ppt Oct. 1.

WATER TEMPERATURE: Maximum recorded 32.7 °C Aug. 5; minimum recorded, 17.6 Feb. 20 °C.

CORRECTIONS.--The extremes for water year 2001 were not published. The extremes for March 2001 to September 2001 follow:

EXTREMES FOR WATER YEAR 2001.--

SALINITY: Maximum recorded, 35.6 ppt Apr. 25-26, 2001; minimum recorded, 0.4 ppt Sept. 30, 2001.

WATER TEMPERATURE: Maximum recorded, 32.6°C June 12, 2001; minimum recorded, 22.2°C Mar. 23, 2001.