

Water-Data Report 2007

**252551081050900 HARNEY RIVER NEAR FLAMINGO, FL**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°25'51", long 81°05'09" referenced to North American Datum of 1983, Monroe County, FL, Hydrologic Unit 03090202, in Everglades National Park, approximately 300 ft upstream of the Harney River chickee on the left bank.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--

DISCHARGE: October 2003 to current year.

GAGE HEIGHT: October 2003 to current year.

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

REMARKS.--Records good. Daily values are not published for this site. Discharge and gage height 15 minute data are available in the 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, 11000 ft<sup>3</sup>/s Oct. 7, 2005; maximum negative, 20100 ft<sup>3</sup>/s Oct. 24, 2005.

GAGE HEIGHT: Maximum gage height, 5.06 ft Oct. 24, 2005; minimum, -3.89 ft Mar. 4, 2005.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 10300 ft<sup>3</sup>/s Sept. 28; maximum negative, 9910 ft<sup>3</sup>/s July 15.

GAGE HEIGHT: Maximum gage height, 0.97 ft June 2; minimum, -3.75 ft Dec. 9.

**252551081050900 HARNEY RIVER NEAR FLAMINGO, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SALINITY (TOP AND BOTTOM): October 2003 to current year.

WATER TEMPERATURE (TOP AND BOTTOM): October 2003 to current year.

INSTRUMENTATION.--Water-quality monitor with top and bottom sensors.

REMARKS.--Salinity (TOP) record rated excellent except for the period: May 5-15, rated good. Salinity(BOTTOM) record rated excellent except for the period: Mar. 17-20, July 3 to Aug. 9, rated good and Mar. 21-26 rated fair. Temperature (TOP) records rated excellent except for the period: Oct.1-18, rated good. Temperature (BOTTOM) record rated excellent. During periods of missing record, values may be higher or lower than the listed extremes. Salinity and temperature 15 minute data, are available in the files of the U.S. Geological Survey. Data can also be accessed online at <http://sofia.usgs.gov/>.

EXTREMES FOR PERIOD OF RECORD.--

SALINITY (TOP): Maximum recorded, 35.9 ppt May 24, 2005; minimum recorded, 0.45 ppt Sept. 24, Oct. 11, 2005.

SALINITY (BOTTOM): Maximum recorded, 35.9 ppt May 14, 2007; minimum recorded, 0.45 ppt Oct. 10, 11, 2005.

WATER TEMPERATURE (TOP): Maximum recorded, 32.9°C Sept. 13, 2005; minimum recorded, 15.5°C Dec. 23, 2003.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 32.9°C Sept. 13, 2005; minimum recorded, 15.6°C Dec. 23, 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 35.4 ppt May 16, 17; minimum recorded, 1.03 ppt Oct. 1.

SALINITY (BOTTOM): Maximum recorded, 35.9 ppt May 14; minimum recorded, 1.04 Oct. 1.

WATER TEMPERATURE (TOP): Maximum recorded, 32.7°C Aug. 6; minimum recorded, 16.8°C Feb. 18.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 32.6°C Aug. 6; minimum recorded, 16.7°C Feb. 18.