

022908205 NORTH RIVER UPSTREAM OF CUTOFF NEAR FLAMINGO, FL

LOCATION.--Lat 25°20'19", long 80°54'48", T.59 S., R.34 E., Monroe County, Harney River Quadrangle, Hydrologic Unit 03090202, right bank, 0.3 mi northeast of the Cutoff, 13.5 mi northwest of Flamingo.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1999 to current year. January 12, 1999, to March 14, 2001, operated and maintained by the USGS/Tampa Office. March 15, 2001, to current year operated and maintained by the USGS/Miami Office.

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

REMARKS.--Records fair. 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, 2,580 ft³/s Sept. 5, 2004; maximum negative, 1,320 ft³/s Sept. 6, 2004.

GAGE HEIGHT: Maximum gage height, 1.47 ft Sept. 5, 2004; minimum, -2.04 ft Mar. 6, 2002.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 2,580 ft³/s Sept. 5; maximum negative, 1,650 ft³/s Sept. 6.

GAGE HEIGHT: Maximum gage height, 1.47 ft Sept. 5; minimum, -1.81 ft Mar. 26.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SALINITY (TOP AND BOTTOM): March 15, 2001 to current year.

WATER TEMPERATURE (TOP AND BOTTOM): March 15, 2001 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Salinity (TOP) record rated excellent except for the following periods: Jan. 2-8, rated good. Salinity (BOTTOM) record rated excellent.

Temperature (TOP AND BOTTOM) record rated good. Salinity and temperature sensors located at -2.0 ft NAVD (TOP) and -3.4 ft NAVD (BOTTOM). 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 (TOP): Maximum recorded, 33.6 ppt May 23, 24, 2001, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Sept. 30, 2001, Oct. 1-3, 2001, Sept. 26, 30, 2003, Oct. 1-8, 2003, but may have been lower during period of missing record.

SALINITY (BOTTOM): Maximum recorded, 34.0 ppt May 23, 2001, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Sept. 30, 2001, Oct. 13, 2001, Sept. 30, 2003, Oct. 1-8, 2003, but may have been lower during period of missing record.

WATER TEMPERATURE (TOP): Maximum recorded, 34.2°C June 12, 2001, but may have been higher during period of missing record; minimum recorded, 11.6°C Jan. 25, 2003, but may have been lower during period of missing record.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 34.2°C June 12, 2001, but may have been higher during period of missing record; minimum recorded, 11.6°C Jan. 25, 2003, but may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 29.1 ppt June 7, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Oct. 1-8, but may have been lower during period of missing record.

SALINITY (BOTTOM): Maximum recorded, 29.1 ppt June 7, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Oct. 1-8, but may have been lower during period of missing record.

WATER TEMPERATURE (TOP): Maximum recorded, 33.7°C June 4, but may have been higher during period of missing record; minimum recorded, 13.4°C Dec. 22, but may have been lower during period of missing record.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 33.2°C June 1, but may have been higher during period of missing record; minimum recorded, 13.3°C Dec. 22, but may have been lower during period of missing record.