

LOCATION.--Lat 25°10'03", long 80°43'55", T.60 S., R.36 E., Miami-Dade County, Hydrologic Unit 03090202, left bank, approximately 500 ft upstream of the mouth, 17 mi east of Flamingo.

DRAINAGE AREA.--Indeterminate.

#### WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1995 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 rated good. 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 396 ft<sup>3</sup>/s June 10, 1997; maximum negative, 532 ft<sup>3</sup>/s Oct. 15, 1999.

GAGE HEIGHT: Maximum gage height, 2.46 ft Oct. 15, 1999; minimum, -1.50 ft May 1, 2001.

EXTREMES FOR FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge 363 ft<sup>3</sup>/s Nov. 10; maximum negative, 526 ft<sup>3</sup>/s Sept. 5.

GAGE HEIGHT: Maximum gage height, 1.56 ft Sept. 5; minimum, -1.36 ft Mar. 25-27.

#### WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SALINITY (TOP, BOTTOM): October 1995 to current year.

WATER TEMPERATURE (TOP, BOTTOM): October 1995 to current year.

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

REMARKS.--Salinity (TOP) record rated excellent except for the following periods: Oct. 1-14, Oct. 30 to Dec.2, Dec. 23 to Feb. 4, Apr. 24 to May 26, rated good. Salinity (BOTTOM) record rated excellent except for the following periods: Nov. 13 to Dec. 2, Apr. 12 to May 14, rated good; May 15-18, rated fair; Oct. 1-14, and May 19-26, rated poor. Temperature (TOP and BOTTOM) record rated good. Salinity and temperature sensors located at -2.05 ft NAVD (TOP) and -3.45 ft NAVD (BOTTOM). Daily values are not published for this site. 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, 49.7 ppt June 26, 2001, but may have been higher during period of missing record; minimum recorded, 1.3 ppt Dec. 1, 2003, but may have been lower during period of missing record.

SALINITY (BOTTOM): Maximum recorded, 49.3 ppt July 4, 2001, but may have been higher during period of missing record; minimum recorded, 0.95 ppt Nov. 7, 1999, but may have been lower during period of missing record.

WATER TEMPERATURE (TOP): Maximum recorded, 36.7°C July 28, 1999, but have been higher during period of missing record; minimum recorded, 11.0°C Jan. 5, 2001, but may have been lower during period of missing record.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 36.6°C July 28, 1999, but have been higher during period of missing record; minimum recorded, 10.8°C Jan. 5, 2001, Jan. 25, 2003, but may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 46.5 ppt July 18, but may have been higher during period of missing record; minimum recorded, 1.3 ppt Dec. 1, but may have been lower during period of missing record.

SALINITY (BOTTOM): Maximum recorded, 46.0 ppt July 18, but may have been higher during period of missing record; minimum recorded, 1.4 ppt Dec. 3, but may have been lower during period of missing record.

WATER TEMPERATURE (TOP): Maximum recorded, 35.4°C June 20, July 7, but have been higher during period of missing record; minimum recorded, 13.8°C Dec. 21, but may have been lower during period of missing record.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 35.3°C June 20, July 7, Aug. 29, but have been higher during period of missing record; minimum recorded, 13.4°C Dec. 21, but may have been lower during period of missing record.