

## 251127080382100 TAYLOR RIVER AT MOUTH NEAR HOMESTEAD, FL

LOCATION.--Lat 25°11'27", long 80°38'21", T.60 S., R.37 E., Miami-Dade County, Hydrologic Unit 03090202, located at the mouth of Taylor River on the left bank, approximately 10 mi northwest of Key Largo, FL.

DRAINAGE AREA.--Indeterminate.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1995 to current year.

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 excellent. 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, 478 ft<sup>3</sup>/s Oct. 15, 1999; maximum negative, 372 ft<sup>3</sup>/s Oct. 15, 1999.

GAGE HEIGHT: Maximum gage height, 2.3 ft Oct. 15, 1999; minimum, -1.78 ft Mar. 11, 1996.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 260 ft<sup>3</sup>/s Nov. 11 and Sept. 9; maximum negative, 276 ft<sup>3</sup>/s Sept. 5.

GAGE HEIGHT: Maximum gage height, 1.63 ft Sept. 5; minimum, -1.44 ft Jan. 11.

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--

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

WATER TEMPERATURE (TOP AND 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: Sept. 8-30, rated good. Salinity (BOTTOM) record rated excellent except for the following periods: Feb. 4 to Apr. 14, May 26 to June 28 and Aug. 3 to Sept. 8, rated good; Apr. 14 to May 26, rated fair. Temperature (TOP AND BOTTOM) record rated good. Elevation of the top salinity/temperature sensor located at -3.02 ft NAVD. Bottom salinity/temperature sensor located at -4.82 ft NAVD. 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 (TOP): Maximum recorded, 40.4 ppt July 16, 2004, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Feb. 14, 1999, but may have been lower during period of missing record.

SALINITY (BOTTOM): Maximum recorded, 40.6 ppt July 16, 2004, but may have been higher during period of missing record; minimum recorded, 0.3 ppt Oct. 21-23, 1999, but may have been lower during period of missing record.

WATER TEMPERATURE (TOP): Maximum recorded, 36.6°C July 9, 1998, but may have been higher during period of missing record; minimum recorded, 12.2°C Jan. 20, 1997, but may have been lower during period of missing record.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 37.3°C July 28, 1998, but may have been higher during period of missing record; minimum recorded, 11.7°C Jan. 25, 2003, but may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 40.4 ppt July 16, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Nov. 10-19, but may have been lower during period of missing record.

SALINITY (BOTTOM): Maximum recorded, 40.6 ppt July 16, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Nov. 10-19, but may have been lower during period of missing record.

WATER TEMPERATURE (TOP): Maximum recorded, 35.2°C Aug. 29, but may have been higher during period of missing record; minimum recorded, 13.6°C Dec. 21, but may have been lower during period of missing record.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 35.2°C Aug. 29, but may have been higher during period of missing record; minimum recorded, 13.6°C Dec. 21, but may have been lower during period of missing record.