

251105080231800 JEWFISH CREEK AT U.S. 1, KEY LARGO, FL

LOCATION.--Lat 25°11'05", long 80°23'18", T.60 S., R.39 E., Miami-Dade County, Hydrologic Unit 03090202, located on the left bank, approximately 0.2 mi north of Jewfish Creek at U.S. 1, near Key Largo.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1998 to current year.

GAGE.--Satellite data collection platform with water-stage pressure sensor and acoustic Doppler velocity meter. 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, 7010 ft³/s Nov. 5, 2001; maximum negative, 8200 ft³/s Aug. 26, 2005.

GAGE HEIGHT: Maximum gage height, 1.39 ft Nov. 5, 2001; minimum, -1.57 ft Feb. 15, 2001 and Feb. 11, 2003.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 6090 ft³/s Sept. 20; maximum negative, 8200 ft³/s Aug. 26.

GAGE HEIGHT: Maximum gage height, 1.33 ft Sept. 20; minimum, -1.39 ft Feb. 22, Mar. 17.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SALINITY(TOP, BOTTOM): February 1998 to current year.

WATER TEMPERATURE (TOP, BOTTOM): February 1998 to current year.

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

REMARKS.--Salinity (TOP) record rated excellent except for the following periods: Oct. 17-20, Dec. 30 to Jan. 5, Jan. 26 to Feb. 8 and May 21, 25, rated good. Salinity (BOTTOM) record rated excellent except for the following periods: Mar. 9, Aug. 10-29, rated good. Temperature (TOP) record rated excellent except for the following periods: Feb. 8 to Mar. 9 and Apr. 13 to May 25, rated good; Mar. 10 to Apr. 13, rated fair. Temperature (BOTTOM) record is rated excellent except for the following periods: June 22 to Aug. 29, rated good; Mar. 9 to May 25, rated fair. During periods of missing record, values may be higher or lower than the listed extremes. Salinity and temperature sensor located at -3.64 ft NAVD 88 (TOP) and -8.91 ft NAVD 88 (BOTTOM). 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, 42.6 ppt June 8, 2005; minimum recorded, 8.4 ppt Oct. 21, 1999.

SALINITY (BOTTOM): Maximum recorded, 42.8 ppt June 6-8, 2005; minimum recorded, 9.2 ppt Oct. 21, 1999.

WATER TEMPERATURE (TOP): Maximum recorded, 34.3°C Aug. 14, 1998; minimum recorded, 13.6°C Jan. 25, 2003.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 34.2°C July 17, 2002; minimum recorded, 13.7°C Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 42.6 ppt June 8; minimum recorded, 20.7 ppt Sept. 26.

SALINITY (BOTTOM): Maximum recorded, 42.8 ppt June 6-8; minimum recorded, 22.0 ppt Sept. 26.

WATER TEMPERATURE (TOP): Maximum recorded, 34.0°C Aug. 17; minimum recorded, 16.3°C Jan. 25.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 33.8°C Aug. 17; minimum recorded, 16.1°C Jan. 25.