

Water-Data Report 2006

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

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°11'05", long 80°23'18" referenced to North American Datum of 1927, T.60 S., R.39 E., Monroe County, FL, 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.

**SURFACE-WATER 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, 7070 ft<sup>3</sup>/s Nov. 5, 2001; maximum negative, 9330 ft<sup>3</sup>/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, 5540 ft<sup>3</sup>/s Apr. 13; maximum negative, 6680 ft<sup>3</sup>/s Oct. 24.

GAGE HEIGHT: Maximum gage height, 0.76 ft Oct. 24; minimum, -1.54 ft Feb. 24.

REVISIONS.--Revised unit value discharge for the 2001, 2003, 2004 and 2005 water years, superseding those published in WDR FL-04-2A and WDR FL-05-2A. Please visit the USGS South Florida Information Access Web Portal for published data (<http://sofia.usgs.gov/>).

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

**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:Apr. 17-25, rated good. Salinity (BOTTOM) record rated excellent for the entire year. Temperature (TOP) record rated excellent except for the following periods: Oct 4 to Nov. 1, rated good. Temperature (BOTTOM) record is rated excellent for the entire year. 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, 38.2 ppt June 1; minimum recorded, 15.9 ppt Oct. 9.

SALINITY (BOTTOM): Maximum recorded, 37.4 ppt June 23-24; minimum recorded, 16.3 ppt Oct. 9.

WATER TEMPERATURE (TOP): Maximum recorded, 33.3°C Aug. 13; minimum recorded, 15.7°C Feb. 14.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 33.4°C Aug. 13; minimum recorded, 15.8°C Feb. 14.