



Water-Data Report 2007

**251322080352500 JOE BAY 8W NEAR KEY LARGO, FL**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°13'22", long 80°35'25" referenced to North American Datum of 1983, T.60 S., R.39 E., Miami-Dade County, FL, Hydrologic Unit 03090202, located approximately 100 ft upstream of the mouth on the left bank, approximately 8 mi northwest of Key Largo.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--July 2001 to current year.

GAGE.--Acoustic Doppler velocity meter with acoustic stage sensor. 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, 642 ft<sup>3</sup>/s Sept. 20, 2005; maximum negative, 896 ft<sup>3</sup>/s Sept. 8, 2007.

GAGE HEIGHT: Maximum gage height, 1.75 ft Aug. 26, 2005; minimum, -1.55 ft Sept. 4, 2004.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 493 ft<sup>3</sup>/s June 13; maximum negative, 896 ft<sup>3</sup>/s Sept. 8.

GAGE HEIGHT: Maximum gage height, 0.51 ft Sept. 26; minimum, -1.37 ft Feb. 18.

**251322080352500 JOE BAY 8W NEAR KEY LARGO, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SALINITY: May 1999 to current year.

WATER TEMPERATURE: May 1999 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Salinity record rated excellent except for Jan. 24 to Feb. 6, and Mar. 21-27, rated good. Temperature record rated excellent. During periods of missing record, values may be higher or lower than the listed extremes. 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: Maximum recorded, 42.7 ppt June 1, 2, 2005; minimum recorded, 0.1 ppt Nov. 30, 2004, Jan. 6, 2005.

WATER TEMPERATURE: Maximum recorded, 35.4°C July 27, 1999; minimum recorded, 10.3°C Jan. 19, 25 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 20.6 ppt May 13; minimum recorded, 0.9 ppt Oct. 1,2, 4-8.

WATER TEMPERATURE: Maximum recorded, 34.5°C July 14, 21; minimum recorded, 13.0°C Feb. 19.