



Water-Data Report 2006

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 ft³/s Sept. 20, 2005; maximum negative, 889 ft³/s Sept. 20, 2005.

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, 449 ft³/s May 16; maximum negative, 770 ft³/s Sept. 16.

GAGE HEIGHT: Maximum gage height, 0.35 ft Oct. 28; minimum, -1.38 ft Jan. 27 (estimated).

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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 Jun. 19 to Jul. 2, rated good; Jul. 3 to Jul. 12, rated fair; Jul. 13 to Jul. 19, rated poor. Temperature record rated excellent except for Dec. 7 to Jan. 10, rated good. 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, 30.8 ppt June 16, 18, 19; minimum recorded, 0.3 ppt Oct. 1, 2.

WATER TEMPERATURE: Maximum recorded, 34.3°C Aug. 13; minimum recorded, 12.8°C Feb. 14.