

251355080312800 JOE BAY 2E NEAR KEY LARGO, FL

LOCATION.--Lat 25°13'55", long 80°31'28", T.60 S., R.38 E., Miami-Dade County, Hydrologic Unit 03090202, located on the east side of Joe Bay on the left bank, approximately 10 mi northwest of Key Largo.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

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

GAGE.--Satellite data collection platform with acoustic Doppler velocity meter and acoustic stage sensor. Datum of gage is North American Vertical Datum of 1988 (NAVD 88).

REMARKS.--Records excellent. Estimated unit value discharge is considered fair. 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, 143 ft³/s Sept. 20, 2005; maximum negative, 180 ft³/s Aug. 26, 2005.

GAGE HEIGHT: Maximum gage height, 1.81 ft Aug. 26, 2005; minimum, -1.36 ft (estimated) Jan. 19, 2005.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 143 ft³/s Sept. 20; maximum negative, 180 ft³/s Aug. 26.

GAGE HEIGHT: Maximum gage height, 1.81 ft Aug. 26; minimum, -1.36 ft Jan. 19.

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. Temperature record rated excellent except for the following period: Jan. 6 to Mar. 23, rated good. During periods of missing record, values may be higher or lower than the listed extremes. Elevation of the salinity and temperature sensor is -2.75 ft NAVD 88. Daily values are not published for this site. The 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, 45.5 ppt May 28, June 1, 2005; minimum recorded, 0.2 ppt Oct. 26, 1999, Sept. 13, 14, 2004.

WATER TEMPERATURE: Maximum recorded, 37.0°C June 30, 1999; minimum recorded, 11.2°C Jan. 23, 2001, and Jan. 19, 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 45.5 ppt May 28, June 1; minimum recorded, 0.3 ppt Sept. 21-28.

WATER TEMPERATURE: Maximum recorded, 36.6°C Aug. 23; minimum recorded, 13.3°C Jan. 24.