

02290942 LOPEZ RIVER NEAR THE LOPEZ CAMPSITE, FL

LOCATION.--Lat 25°47'29", long 81°17'59", T.54 S., R.30 E., Monroe County, Hydrologic Unit 03090204, 0.5 mi northeast of campsite, 2 mi northeast of the river mouth, 4.8 mi from Chokoloskee Island.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--

GAGE HEIGHT: September 2001 to current year.

SALINITY: September 2001 to current year.

WATER TEMPERATURE: September 2001 to current year.

GAGE.--Satellite data collection platform with water-stage shaft encoder and water-quality monitor. Datum of gage is arbitrary.

REMARKS.--Salinity record rated excellent except for the following period: Nov. 7 to Dec. 3, Dec. 25 to Jan. 14, rated good. Temperature record rated good.

Salinity and temperature sensors located at 2.78 ft, relative to arbitrary datum. Daily values are not published for this site. Gage height 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.--

GAGE HEIGHT: Maximum gage height, 7.76 ft Sept. 14, 2001; minimum, 2.51 ft Mar. 5, 2002.

SALINITY: Maximum recorded, 43.5 ppt Apr. 30, and May 1, 2001, but may have been higher during period of missing record; minimum recorded, 0.4 ppt Oct. 5, 6, 2003, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.9°C June 13, 2001, and June 26, 2004, but may have been higher during period of missing record; minimum recorded, 12.3°C Jan. 25, 2003, but may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 7.27 ft Sept. 26; minimum, 3.14 ft Nov. 29.

SALINITY: Maximum recorded, 36.0 ppt June 6, but may have been higher during period of missing record; minimum recorded, 0.4 ppt Oct. 5, 6, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.9°C June 26, but have been higher during period of missing record; minimum recorded, 14.5°C Dec. 21, but may have been lower during period of missing record.