

Water-Data Report 2006

**02290942 LOPEZ RIVER NEAR THE LOPEZ CAMPSITE, FL**

Southern Florida Basin  
Big Cypress Swamp Subbasin

LOCATION.--Lat 25°47'29", long 81°17'59" referenced to North American Datum of 1927, T.54 S., R.30 E., Monroe County, FL, 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.

**SURFACE-WATER RECORDS**

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

GAGE.--Satellite data collection platform with water-stage shaft encoder. Datum of gage is North American Vertical Datum of 1988 (NAVD 88).

REMARKS.--Daily values are not published for this site. Gage height 15 minute data is available in files of the U.S. Geological Survey. During periods of missing record, values may be higher or lower than the listed extremes. Data can also be accessed online at <http://sofia.usgs.gov/>.

EXTREMES FOR PERIOD OF RECORD.--

GAGE HEIGHT: Maximum gage height, 3.52 ft Oct. 24, 2005; minimum, -2.75 ft Mar. 5, 2002.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 3.52 ft Oct. 24; minimum, -2.32 ft Jan. 19.

**02290942 LOPEZ RIVER NEAR THE LOPEZ CAMPSITE, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SALINITY: September 2001 to current year.

WATER TEMPERATURE: September 2001 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Salinity records rated excellent except for the following periods: July 20 to Sept. 6, rated poor. Temperature records rated good. Salinity and temperature sensors are located at -2.48 ft NAVD 88. During periods of missing record, values may have be higher or lower than the listed extremes. Daily values are not published for this site. Salinity and temperature 15 minutes 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, 43.5 ppt Apr. 30, and May 1, 2001; minimum recorded, 0.44 ppt Oct. 5, 6, 2003 and Sept. 13-17, 2006.

WATER TEMPERATURE: Maximum recorded, 33.9 °C June 13, 2001 and June 26, 2004; minimum recorded, 12.3°C Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 38.7 ppt May 15; minimum recorded, 0.4 ppt Sept. 13-17.

WATER TEMPERATURE: Maximum recorded, 33.6°C Aug. 13; minimum recorded, 14.7°C Feb. 14.