



Water-Data Report 2007

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, 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, 1.84 ft Oct. 8; minimum, -2.49 ft Dec. 9 and Jan. 10.

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: Mar. 1-6, Apr. 23 to May 2, and May 16 to June 5, rated good. Temperature records rated excellent except for the following periods: Jan. 10 to June 5, rated good, June 6 to Sept. 30, rated fair. 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, 34.9 °C June 26, 2004 and Aug. 5, 2007; minimum recorded, 12.3°C Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 38.2 ppt Apr. 9, 10; minimum recorded, 0.6 ppt Oct. 1, 2.

WATER TEMPERATURE: Maximum recorded, 34.9°C Aug. 5; minimum recorded, 15.7°C Feb. 19.