



Water-Data Report 2007

**02290928 BARRON RIVER AT EVERGLADES CITY, FL**

Southern Florida Basin  
Big Cypress Swamp Subbasin

LOCATION.--Lat 25°52'11", long 81°22'57" referenced to North American Datum of 1927, in NE ¼ sec.12, T.53 S., R.30 E., Collier County, FL, Hydrologic Unit 03090204, left bank, 100 ft east of State Road 29, 1 mi north of Everglades City, 3 mi south of US Highway 41.

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.--During periods of missing record, values may be higher or lower than the listed extremes. Daily values are not published for this site. Gage height 15 minute data, is 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, 2.66 ft Oct. 24, 2005; minimum, -2.44 ft Jan. 24, 2005.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 1.50 ft June 2; minimum, -2.30 ft Apr. 8.

**02290928 BARRON RIVER AT EVERGLADES CITY, 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 record rated as follows, Oct. 1-18, rated excellent, Oct. 19 to Sept. 30, rated good. Temperature record rated as follows, Oct. 1-18, rated excellent, Oct. 19 to June 5, rated poor, June 6 to Sept. 30, rated fair. Salinity and temperature sensors located at -2.4 ft NAVD 88. Daily values are not published for this site. During periods of missing record, values may be higher or lower than the listed extremes. Salinity and temperature 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.--

SALINITY: Maximum recorded, 39.3 ppt May 16 2006; minimum recorded, 0.2 ppt occurred on many days during multiple years.

WATER TEMPERATURE: Maximum recorded, 33.8°C July 15, and Aug. 4, 2007; minimum recorded, 12.7°C Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 37.6 ppt May 14; minimum recorded, 0.3 ppt occurred on multiple days.

WATER TEMPERATURE: Maximum recorded, 33.8°C July 15, and Aug. 4; minimum recorded, 25.4°C Oct. 18.