

02290928 BARRON RIVER AT EVERGLADES CITY, FL

LOCATION.--Lat 25°52'11", long 81°22'57", NE ¼ sec 12, T.53 S., R.30 E., Collier County, Hydrologic Unit 03090204, left bank, 100 ft east of State Road 29, 1 mi north of Everglades City.

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 North American Vertical Datum of 1988.

REMARKS.--Salinity record rated excellent except for the following period; June 5-24, rated good. Temperature record rated good. Salinity and temperature sensors located at -2.4 ft NAVD. 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, 2.01 ft Sept. 26, 2004; minimum, -2.43 ft Jan. 29, Feb. 8, 18, 2004.

SALINITY: Maximum recorded, 39.2 ppt May 30 and June 1, 2002, but may have been higher during period of missing record; minimum recorded, 0.2 ppt occurred on many days during the months of August through October in water years 2001-2004, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.6°C June 23, 2004, but may have been higher during period of missing record; minimum recorded, 12.7°C Jan. 25, 2003, but may have been lower during period of missing period.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 2.01 ft Sept. 26; minimum recorded, -2.43 ft Jan. 29, Feb. 8, 18.

SALINITY: Maximum recorded, 37.3 ppt June 3, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Oct. 1-15, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.6°C June 23, but have been higher during period of missing record; minimum recorded 14.7°C Dec. 21, but may have been lower during period of missing record.