

Water-Data Report 2007

02290930 TURNER RIVER NEAR CHOKOLOSKEE ISLAND, FL

Southern Florida Basin
Big Cypress Swamp Subbasin

LOCATION.--Lat 25°49'43", long 81°20'30" referenced to North American Datum of 1927, Collier County, FL, Hydrologic Unit 03090204, on right bank 0.8 mi northeast of river mouth, 1.3 mi northeast of Chokoloskee.

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 10 ft arbitrary.

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 have 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, 9.44 ft Oct. 24, 2005; minimum, 1.66 ft Mar. 5, 2002.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 6.44 ft June 2; minimum, 1.76 ft Jan. 10.

02290930 TURNER RIVER NEAR CHOKOLOSKEE ISLAND, 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. Temperature records Oct. 1-19, rated good, Oct. 20 to Sept. 30, rated excellent. Salinity and temperature sensors located at 2.8 ft, relative to arbitrary datum. Daily values are not published for this site. During periods of missing record, values may have been higher or lower than the listed extremes. 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.--

SALINITY: Maximum recorded, 39.2 ppt May 30, 31, June 1, 2005; minimum recorded, 0.5 ppt Oct. 6, 2003.

WATER TEMPERATURE: Maximum recorded, 34.5°C Aug. 4, 2007; minimum recorded, 11.4°C Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 39.0 ppt Apr. 9, 10; minimum recorded, 0.7 ppt Oct. 1.

WATER TEMPERATURE: Maximum recorded, 34.5 °C Aug. 4; minimum recorded, 15.3°C Feb. 19.