

02291655 MULLOCK CREEK NEAR THE MOUTH NEAR ESTERO, FL

LOCATION.--Lat 26°27'50", long 81°51'57", T.46 S., R.23 E., Lee County, Hydrologic Unit 03090204, near right bank, 450 ft from the mouth of river, 11 mi south of Ft. Myers.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--

DISCHARGE: January 2002 to current year.

GAGE HEIGHT: October 2001 to current year.

GAGE.--Satellite data collection platform with water-stage shaft encoder and acoustic doppler velocity meter. Datum of gage is arbitrary.

REMARKS.--Discharge record unavailable at time of publication. Daily values are not published for this site. Gage height 15 minute data is 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.--

GAGE HEIGHT: Maximum gage height, 4.81 ft Sept. 26, 2004; minimum, -1.39 ft Jan. 24, 2003.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 4.81 ft Sept. 26; minimum, -1.28 ft Nov. 29.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SALINITY: October 2001 to current year.

WATER TEMPERATURE: October 2001 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Salinity record rated excellent except for the following periods: Dec. 10-31, Jan. 1-5, 21-28, Feb. 26, 27, rated good. Temperature record rated good. Elevation of the salinity and temperature sensor located at -1.04 ft relative to arbitrary datum. Daily values are not published for this site. 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, 37.4 ppt June 8, 2002, but may have been higher during period of missing record; minimum recorded, 0.2 ppt occurred on several days during the months of Sept. 2003, 2004, and October 2003, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 34.1°C July 16, 2002, and July 21, 2003, but may have been higher during period of missing record; minimum recorded, 10.2°C Jan. 25, 2003, but may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum recorded, 34.7 ppt June 3, 5, 6, but may have been higher during period of missing record; minimum recorded, 0.2 ppt Oct. 1-5, Sept. 11-13, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 33.6°C June 23, July 9, but may have been higher during period of missing record; minimum recorded, 14.3°C Dec. 21, but may have been lower during period of missing record.