

262620081523700 ESTERO BAY NEAR HORSESHOE KEYS, FL

LOCATION.--Lat 26°26'20", long 81°52'37", in T.46S., R.24 E., Lee County, Hydrologic Unit 03090204, at Horseshoe Keys, .8 mi southwest from Mullock Creek, 11 mi southwest of Fort Myers.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--

GAGE HEIGHT: October 2001 to current year.

SALINITY: October 2001 to current year.

WATER TEMPERATURE: October 2001 to current year.

GAGE.--Satellite data collection platform with water-stage shaft encoder and water-quality monitor. Datum of gage is arbitrary.

REMARKS.--Salinity record rated excellent except for the following periods: Nov. 14-18, Dec. 28-31, Jan. 1-5, Feb. 12-18, Apr. 4-7, May 26-28, June 21-30, July 27-31, Aug. 1-3, 14-18, rated good; Feb. 19-24, Apr. 8-11, July 1-8, Aug. 4-10, 19-21, rated fair; and Apr. 12-21, July 9-22, Aug. 11-22, Sept. 1, rated poor. Temperatures record rated good. Elevation of the salinity-temperature sensor ranges from -1.6 to -2.0 ft arbitrary datum. Gage height, 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/>. Daily values are not published for this site.

EXTREMES FOR PERIOD OF RECORD.--

GAGE HEIGHT: Maximum gage height, 3.89 ft Aug. 13, 2004; minimum, -2.81 ft Mar. 4, 5, 2002.

SALINITY: Maximum recorded, 37.5 ppt June 7, 2002, may have been higher during period of missing record; minimum recorded, 4.3 ppt, June 24, 2003, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 35.3°C Aug. 11, 2004, but may have been higher during period of missing record; minimum recorded, 7.2°C Jan. 28, 2003, but may have been lower during period of missing record.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 3.89 ft Aug. 13; minimum, -2.58 ft Nov. 29.

SALINITY: Maximum recorded, 35.4 ppt May 25, but may have been higher during period of missing record; minimum recorded, 5.3 ppt Aug. 14, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded, 35.3°C Aug. 11, but may have been higher during period of missing record; minimum recorded, 11.4°C Dec. 21, but may have been lower during period of missing record.