

CHARLOTTE HARBOR AND COASTAL AREA**262750081544400 COW CREEK E OF HURRICANE BAY BR NR FT MYERS BCH FL**

LOCATION.--Lat 26° 27' 50", long 81° 54' 44", in NW 1/4 sec. 21, T. 46 S., R. 24 E., Lee County, Hydrologic Unit 03090204, 300 yards down stream of mouth of Cow Creek, 2 miles east of Mid Island Beach Marina located at the mouth of Hell Peckney Bay, Ft. Myers Beach.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--

SALINITY: September 2002 to January 2004.

WATER TEMPERATURE: September 2002 to January 2004.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Salinity records rated excellent. Temperature records rated excellent. Elevation of the water-quality monitor was undetermined, set 0.5 ft above sediment.

EXTREMES FOR PERIOD OF RECORD.--

SALINITY: Maximum recorded, 35.6 ppt May 13, 2003, but may have been higher during period of missing record; minimum recorded 5.3 ppt. Sept. 27, 2002.

WATER TEMPERATURE: Maximum recorded, 35.7 °C, July 21, 2003, but may have been higher during period of missing record; minimum recorded, 15.2°C, Jan. 22, 2003, but may have been lower during periods of missing record.

EXTREMES FOR CURRENT YEAR.--

SALINITY: Maximum 31.6 ppt Dec. 4, but may have been higher during period of missing record; minimum 19.2 ppt Oct. 8, but may have been lower during period of missing record.

WATER TEMPERATURE: Maximum recorded 31.1 °C, Oct. 19, but may have been higher during period of missing record; minimum recorded, 18.1 °C, Nov. 11, and Dec. 4, but may have been lower during periods of missing record.