

**022908295 BOTTLE CREEK AT ROOKERY BRANCH NEAR HOMESTEAD, FL**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°28'04.5", long 80°51'16.1" referenced to North American Datum of 1927, in NW ¼ sec.6, T.53 S., R.31 E., Monroe County, FL, Hydrologic Unit 03090202, Pa-Hay-Okee Lookout Tower Quadrangle, right bank of Bottle Creek (tributary of Rookery Branch) east of Rookery Mound, 22 mi north of Flamingo.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--March 2002 to current year.

GAGE.--Satellite data collection platform with shallow-vented pressure transducer and acoustic Doppler velocity meter. Datum of gage is North American Vertical Datum of 1988 (NAVD 88).

REMARKS.--Records poor. Daily values are not published for this site. Discharge and gage height 15 minute data are available in the files of the U.S. Geological Survey. During periods of missing record values may be higher or lower than the listed extremes. Data can also be accessed online at <http://sofia.usgs.gov/>.

EXTREMES FOR PERIOD OF RECORD.--

DISCHARGE: Maximum positive discharge, 57 ft<sup>3</sup>/s Oct. 4, 2005; maximum negative, 11 ft<sup>3</sup>/s May 21, 24, 2005.

GAGE HEIGHT: Maximum gage height, 2.04 ft Sept. 22, 2005; minimum, -1.30 ft May 12, 2002.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 57 ft<sup>3</sup>/s Oct. 4; maximum negative, 7.7 ft<sup>3</sup>/s Apr. 27, May 6.

GAGE HEIGHT: Maximum gage height, 1.91 ft Oct. 7, 8; minimum, -1.07 ft Apr. 13.

**022908295 BOTTLE CREEK AT ROOKERY BRANCH NEAR HOMESTEAD, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: October 2003 to current year.

WATER TEMPERATURE: February 2002 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Specific conductance record rated excellent except for the following period; Dec. 26 to January 30 rated good. Temperature record rated excellent except for the following period; Apr. 3 to May 24 rated good. Daily values are not published for this site. During periods of missing record, values may be higher or lower than the listed extremes. Sensor located at -0.75 ft NAVD 88. Specific conductance 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.--

SPECIFIC CONDUCTANCE: Maximum recorded, 14,400 microsiemens May 27, 2005; minimum recorded, 256 microsiemens, Sept. 22, 2006.

WATER TEMPERATURE: Maximum recorded, 36.0°C July 23, 2005; minimum recorded, 10.2°C Jan. 25, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 4,240 microsiemens, May 16; minimum recorded, 256 microsiemens, Sept. 22.

WATER TEMPERATURE: Maximum recorded, 34.8°C Aug. 13; minimum recorded, 12.3°C Feb. 14.