

Water-Data Report 2007

253044080555900 EDEN 3 IN EVERGLADES NATIONAL PARK, FL

Southern Florida Basin
Everglades Subbasin

LOCATION.--Lat 25°30'44", long 80°55'59" referenced to North American Datum of 1983, T.47S., R.24E., Monroe County, FL, Hydrologic Unit 03090202, located approximately 21 mi south of Tamiami Trail and Highway 41, west of the Miami-Dade County line.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 2005 to current year.

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

REMARKS.--Records good. Daily values are not published for this site. Gage height 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/>.

EXTREMES FOR PERIOD OF RECORD.--

GAGE HEIGHT: Maximum gage height, 1.13 ft July 22, 2006; minimum, -0.56 ft May 10, 2006 and Apr. 10, 2007.

EXTREMES FOR CURRENT YEAR.--

GAGE HEIGHT: Maximum gage height, 0.84 ft Oct. 1; minimum, -0.56 ft Apr. 10.

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: November 2005 to current year.

WATER TEMPERATURE: November 2005 to current year.

INSTRUMENTATION.--Water-quality monitor.

REMARKS.--Specific conductance record rated excellent for the water year. Temperature record rated excellent for the entire water year except for the following periods: Oct. 1-3, rated good, Dec. 1 to May 18, rated fair, and May 18 to July 18, rated good. During periods of missing record, values may be higher or lower than the listed extremes. Specific conductance 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/>.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 1870 $\mu\text{S}/\text{cm}$ May 17, 2006; minimum recorded, 250 $\mu\text{S}/\text{cm}$ Aug. 14, 2006 and Apr. 10, 11, 2007.

WATER TEMPERATURE: Maximum recorded, 36.5°C Aug. 13, 2006; minimum recorded, 10.4°C Feb. 19, 2007.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 1030 $\mu\text{S}/\text{cm}$ Apr. 13; minimum recorded, 250 $\mu\text{S}/\text{cm}$ Apr. 10, 11.

WATER TEMPERATURE: Maximum recorded, 35.9°C Aug. 5; minimum recorded, 10.4°C Feb. 19.