



Water-Data Report 2006

**253357080594100 UPSTREAM LOSTMAN'S RIVER NEAR EVERGLADES RIVER, FL**

Southern Florida Basin  
Everglades Subbasin

LOCATION.--Lat 25°33'57", long 80°59'41" referenced to North American Datum of 1983, T.56 S., R.32 E., Monroe County, FL, Hydrologic Unit 03090202, Big Lostman's Bay Quadrangle, right bank of Lostman's River Creek, 30 mi north of Flamingo.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--

GAGE HEIGHT: September 2003 to current year.

DISCHARGE: September 2003 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 fair. 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. Data can also be accessed online at <http://sofia.usgs.gov/>.

EXTREMES FOR PERIOD OF RECORD.--

DISCHARGE: Maximum positive discharge, 156 ft<sup>3</sup>/s July 9, 2005; maximum negative, 66 ft<sup>3</sup>/s June 7, 2006.

GAGE HEIGHT: Maximum gage height, 1.95 ft Oct. 8, 2005; minimum, -1.11 ft Mar. 4, 2005.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge, 148 ft<sup>3</sup>/s Oct. 24; maximum negative, 66 ft<sup>3</sup>/s June 7.

GAGE HEIGHT: Maximum gage height, 1.95 ft Oct. 8; minimum, -0.96 ft Apr. 13.

**253357080594100 UPSTREAM LOSTMAN'S RIVER NEAR EVERGLADES RIVER, FL—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--

SALINITY (TOP): November 2003 to current year.  
SALINITY (BOTTOM): September 2003 to current year.  
WATER TEMPERATURE (TOP): November 2003 to current year.  
WATER TEMPERATURE (BOTTOM): September 2003 to current year.

INSTRUMENTATION.--Water-quality monitor with top and bottom sensors.

REMARKS.--Salinity (TOP) record rated excellent. Salinity (BOTTOM) record rated excellent except for the following period: May 16-18, rated good. Temperature (TOP AND BOTTOM) records rated excellent. During periods of missing record, values may be higher or lower than the listed extremes. Salinity and temperature sensors located at -0.75 ft NAVD 88 (TOP), from water surface in floating mount, and -2.08 ft NAVD 88 (BOTTOM). 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/>.

EXTREMES FOR PERIOD OF RECORD.--

SALINITY (TOP): Maximum recorded, 27.2 ppt June 1, 2005; minimum recorded, 0.1 ppt Sept. 8, 2004, Sept. 20-24, 2005, Oct. 6-8, 2006.  
SALINITY (BOTTOM): Maximum recorded, 27.4 ppt June 1, 2005; minimum recorded, 0.1 ppt Oct. 1-3, 13, 14, 2003, Sept. 21-23, 2005, Oct 6, 7, 2005.  
WATER TEMPERATURE (TOP): Maximum recorded, 32.6°C June 1, 2004; minimum recorded, 11.6°C Feb. 14, 2006.  
WATER TEMPERATURE (BOTTOM): Maximum recorded, 32.7°C July 26, 2006; minimum recorded, 11.7°C Dec. 21, 2003, Feb. 14, 2006.

EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 22.2 ppt May 12, 15; minimum recorded, 0.1 ppt Oct. 6-8.  
SALINITY (BOTTOM): Maximum recorded, 22.2 ppt May 12; minimum recorded, 0.1 ppt Oct. 6, 7.  
WATER TEMPERATURE (TOP): Maximum recorded, 32.1°C July 26; minimum recorded, 11.6°C Feb. 14.  
WATER TEMPERATURE (BOTTOM): Maximum recorded, 32.7°C July 26; minimum recorded, 11.7°C Feb. 14.