

## Application of the Lake Okeechobee Regulation Schedule (LORS2008) on 10/26/2009 (El Niño Condition)

### Lake Okeechobee Net Inflow Outlook:

The Lake Okeechobee Net Inflow Outlook has been computed using 4 methods: Croley's method<sup>1</sup>, the SFWMD empirical method<sup>2</sup>, a sub-sampling of El Nino warm years<sup>3</sup> and a sub-sampling of warm years of the Atlantic Multidecadal Oscillation (AMO) in combination with El Nino ENSO years<sup>4</sup>. The results for Croley's method and the SFWMD empirical method are based on the [CPC Outlook](#).

Table of the Lake Okeechobee Net Inflow Outlooks in feet of equivalent depth. All methods are updated on a weekly basis with observed net inflow for the current month.

Season	Croley's Method <sup>1</sup>		SFWMD Empirical Method <sup>2</sup>		Sub-sampling of El Nino ENSO Years <sup>3</sup>		Sub-sampling of AMO Warm + El Nino ENSO Years <sup>4</sup>	
	Value (ft)	<a href="#">Condition</a>	Value (ft)	<a href="#">Condition</a>	Value (ft)	<a href="#">Condition</a>	Value (ft)	<a href="#">Condition</a>
Current (Oct-Mar)	0.41	Dry	0.54	Dry	1.73	Wet	2.25	Very Wet
Multi Seasonal (Nov-Oct)	5.10	Very Wet	3.43	Wet	4.36	Very Wet	6.36	Very Wet

See [Seasonal](#) and [Multi-Seasonal](#) tables for the classification of Lake Okeechobee Outlooks.

The recommended methods and values for estimating the Lake Okeechobee Net Inflow Outlook are shaded and should be used in the LORS2008 Release Guidance Flow Charts.

### [Tributary Hydrologic Conditions Graph:](#)

**-4056 cfs** 14 day running average for Lake Okeechobee Net Inflow through 10/25/2009.

According to the classification in [Tributary Hydrologic Conditions](#) table, this condition is Dry.

**-1.13** for Palmer Index on 10/24/2009.

According to the classification in [Tributary Hydrologic Conditions](#) table, this condition is Near Normal.

The wettest of the two conditions above is **Near Normal**.

### **LORS2008 Classification Tables:**

#### **Lake Okeechobee Stage on 10/26/2009**

Lake Okeechobee Stage: **14.14 feet**

[USACE Report for Lake Okeechobee](#)

[Lake Okeechobee Stage Hydrograph](#)

Lake Okeechobee Management Zone/Band		Bottom Elevation (feet, NGVD)	Current Lake Stage
High Lake Management Band		17.15	
Operational Band	High sub-band	16.78	
	Intermediate sub-band	16.19	
	Low sub-band	14.50	
Base Flow sub-band		12.89	← 14.14
Beneficial Use sub-band		12.83	
Water Shortage Management Band			

### **Part C of LORS2008: Discharge to WCA's**

Release Guidance Flow Chart Outcome: Maximum releases to WCAs if desirable or with minimum impacts to the Everglades.

### **Part D of LORS2008: Discharge to Tidewater**

Release Guidance Flow Chart Outcome: S-79 Up to 450 cfs and S-80 Up to 200 cfs

**Technical Input Summaries from:**

- [Lake Okeechobee Division](#)
- [Coastal Ecosystems](#)
- [Everglades Ecosystems Division](#)
- [Water Supply Department](#)
- [Water Resource Management Release Recommendation](#)
- [Kissimmee Watershed Environmental Conditions](#)
- [Operations Department](#)

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