Water Conditions Summary

Technical Oversight Committee
May 22, 2007

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South Florida Water Management District
Accumulated Monthly Dry Season Rainfall
2006-2007 versus Normal

- **2006-2007 Actual**
- **1971-2000 Normal**
- **AMO Warm / El Niño Normal**

**Graph Details:**
- Y-axis: inches
- X-axis: Months (Nov, Dec, Jan, Feb, Mar, Apr)

The graph shows the comparison of actual rainfall against normal rainfall for the dry season in 2006-2007, with a particular focus on the AMO Warm / El Niño Normal conditions.
SFWMD 2006-2007
Dry Season Rainfall
2-Nov-2006 to 21-May-2007

DISTRICT-WIDE:
10.79” (62%, -6.51”)

Average Dry Season
= 18.8”

18 months since Hurricane Wilma
- Only 49” of rainfall
- 74% of average
- Less than 1 year av.
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

http://drought.unl.edu/dm
Water Conservation Area 1

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Stage (ft NGVD)

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<th>Mar-07</th>
<th>Apr-07</th>
<th>May-07</th>
<th>Jun-07</th>
<th>Jul-07</th>
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- **Flood Regulation**
- **Canal Level**
- **Marsh Level**
- **Minimum**
Water Shortage Orders

20 Nov 06 - Phase I water restrictions for LOSA
19 Mar 07 - Phase II water restrictions for LOSA and Phase I for LECSA
4 Apr 07 - 100% cutbacks ordered for LEC 298 / Diversion & Impoundment Permittees to cease withdrawals from WCAs and Regional System
13 Apr 07 - Modified Phase III restrictions for the EAA
    Phase II restrictions for LOSA
    Phase II restrictions for LECSA
    Phase I restrictions for St. Lucie and Martin Co.
Water Shortage Orders

16 May 07

Modified phase III restrictions for Palm Beach, Broward, and part of Martin Counties.

Modified phase II restrictions for St Lucie and part of Martin Counties

Incremental implementation of Modified phase III restrictions for Indian Prairie, Kissimmee River Valley and Istokpoga, based on Lake Istokpoga stage.
Rainfall was retained in WPB & Broward.

With high water table in Miami Dade Co. the canal system was filled by the April rain event.
Regional System Summary

• 8 Nov 06 - Kissimmee – S65 closed – over 190 days without flow to the Kissimmee River.
• Martin St Lucie - recent rainfall brought C-23, C-24 & C-25 above the 14.0 ft minimum.
• Water Conservation Areas (WCAs) – no water supply releases have been made.
• Diversion and Impoundment Permittees have helped minimize discharges to tide from rain on the LEC
Lake Okeechobee SFWMM May 2007 Position Analysis

(See assumptions @ http://www.sfwmd.gov/org/pld/hsm/sfwmm_pa.html)
QUESTIONS?
Rainfall was retained in WPB & Broward.

With high water table in Miami Dade Co. the canal system was filled by the April rain event.