

Water Conditions Summary

Technical Oversight Committee

May 22, 2007

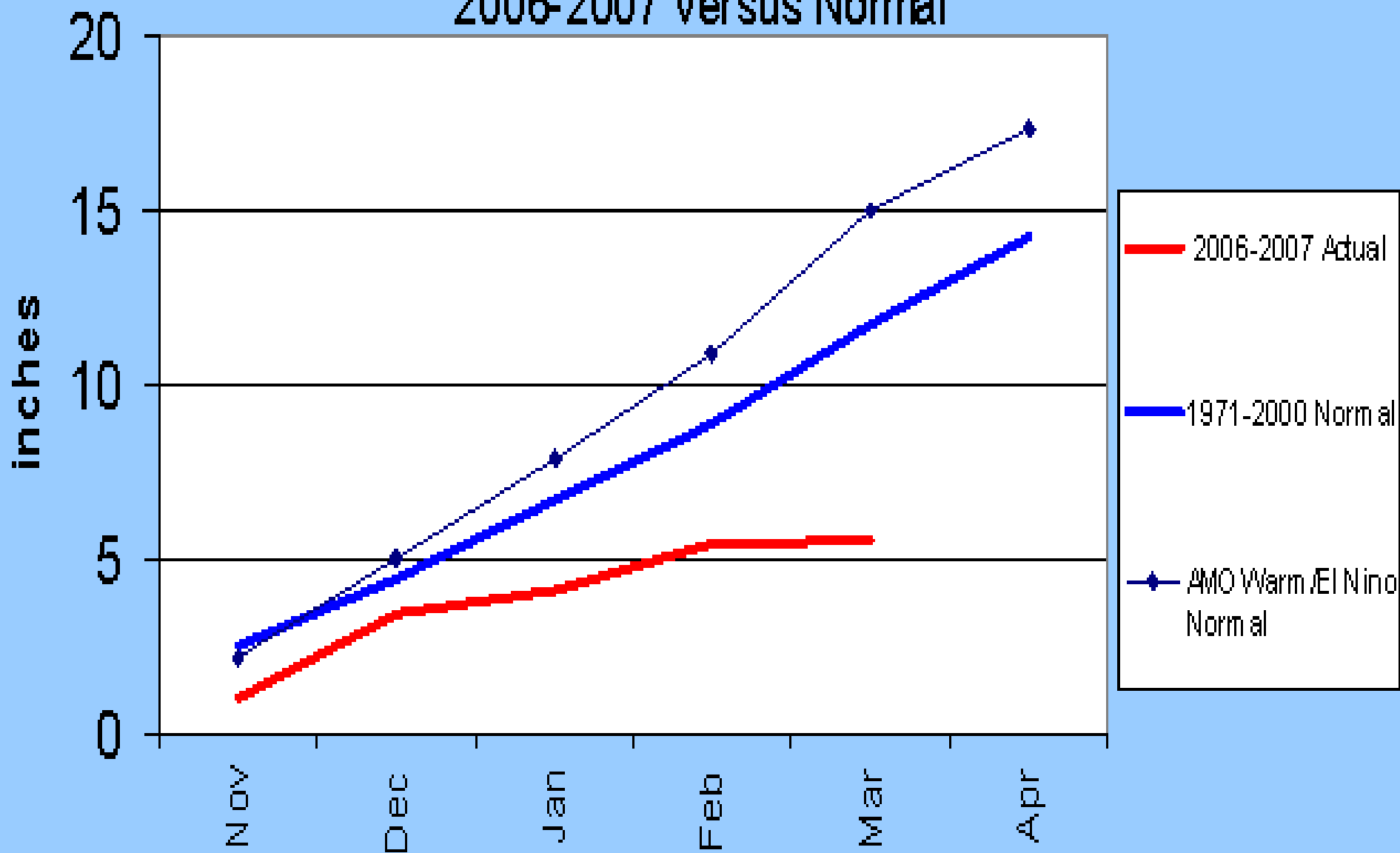
Susan Sylvester

Operations Control and Vegetation Management Department

South Florida Water Management District

Accumulated Monthly Dry Season Rainfall

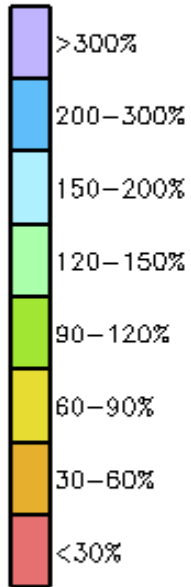
2006-2007 versus Normal



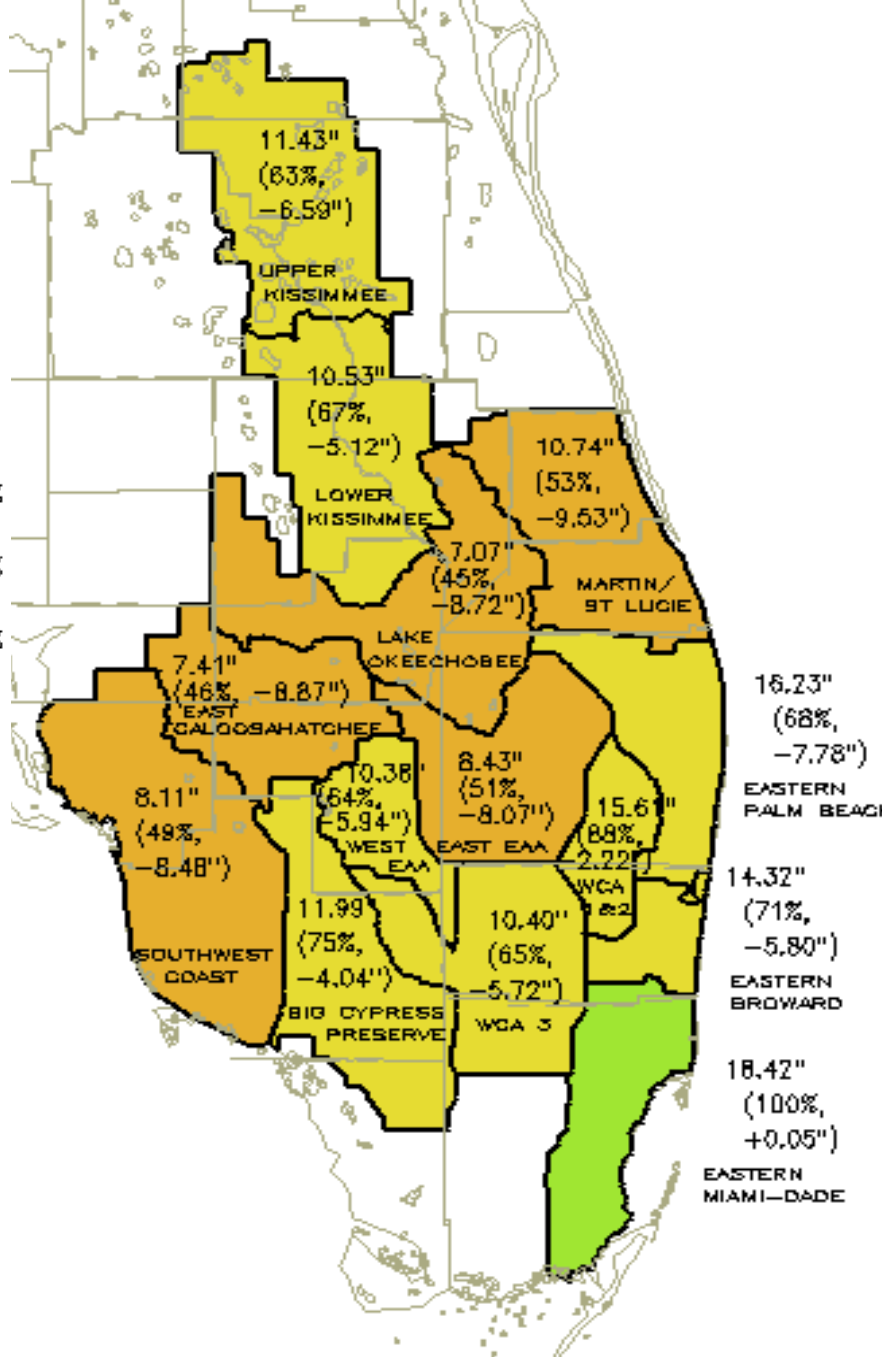
SFWMD 2006-2007 Dry Season Rainfall 2-Nov-2006 to 21-May-2007

**DISTRICT-WIDE:
10.79" (62%, -6.51")**

**Average Dry Season
= 18.8"**



Measured
(% of Avg.
Diff From Avg)

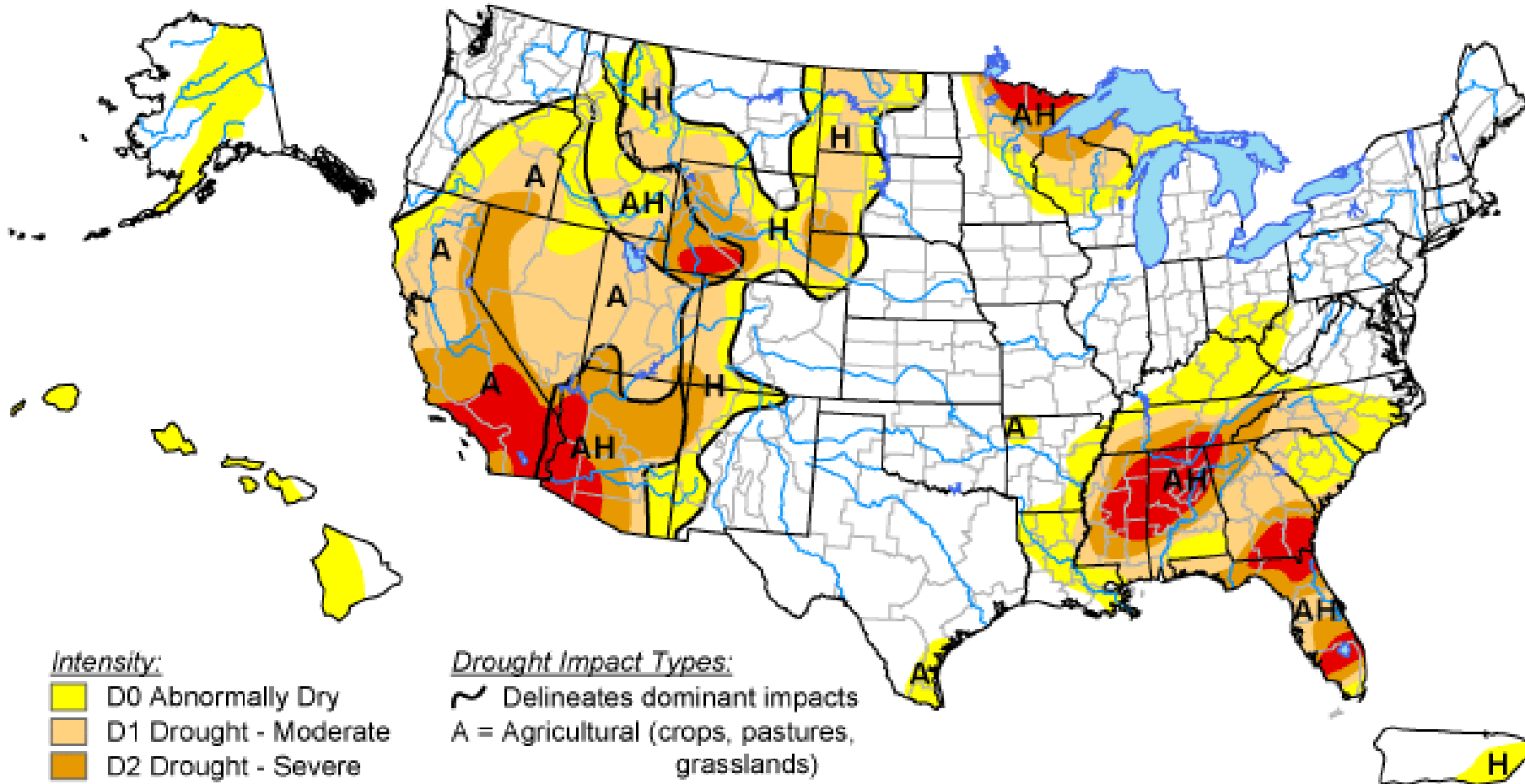


**18 months since
Hurricane Wilma**

- Only 49" of rainfall
- 74% of average
- Less than 1 year av.

U.S. Drought Monitor

May 15, 2007
Valid 8 a.m. EDT



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

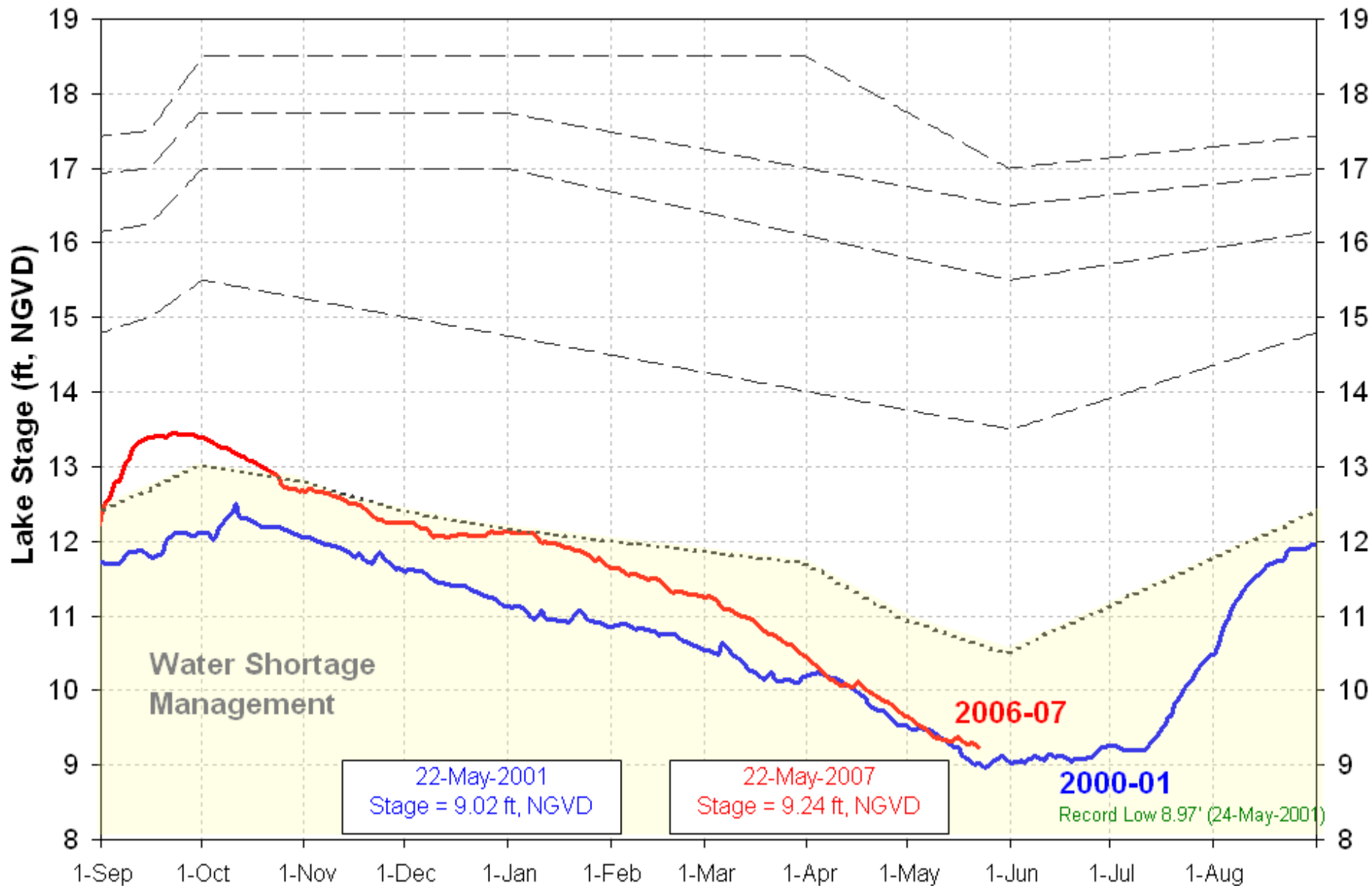


Released Thursday, May 17, 2007

Author: Mark Svoboda, National Drought Mitigation Center

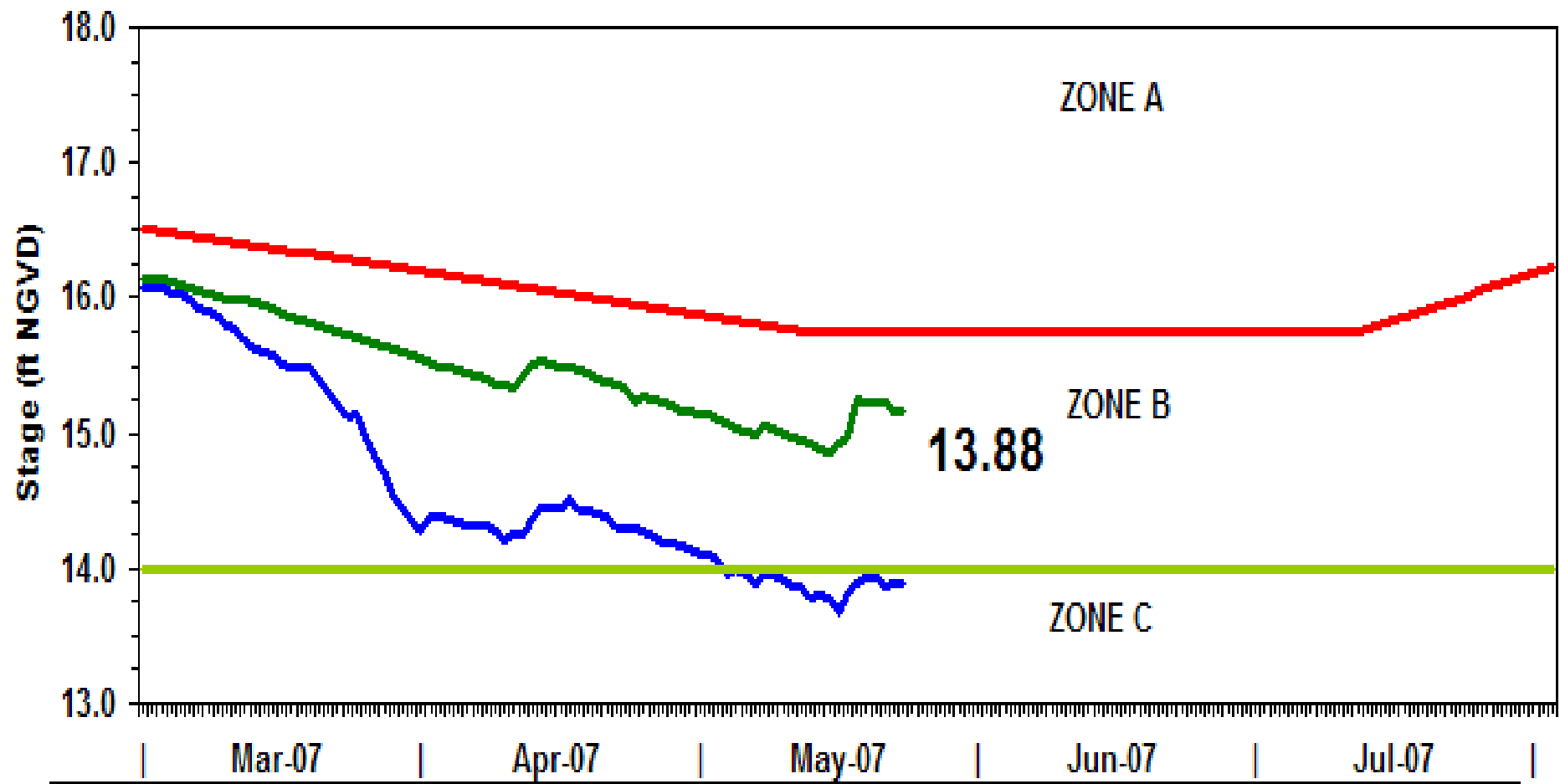
<http://drought.unl.edu/dm>

Lake Okeechobee Historical Stage Hydrograph Comparison



Water Conservation Area 1

Published: 5/22/2007



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.

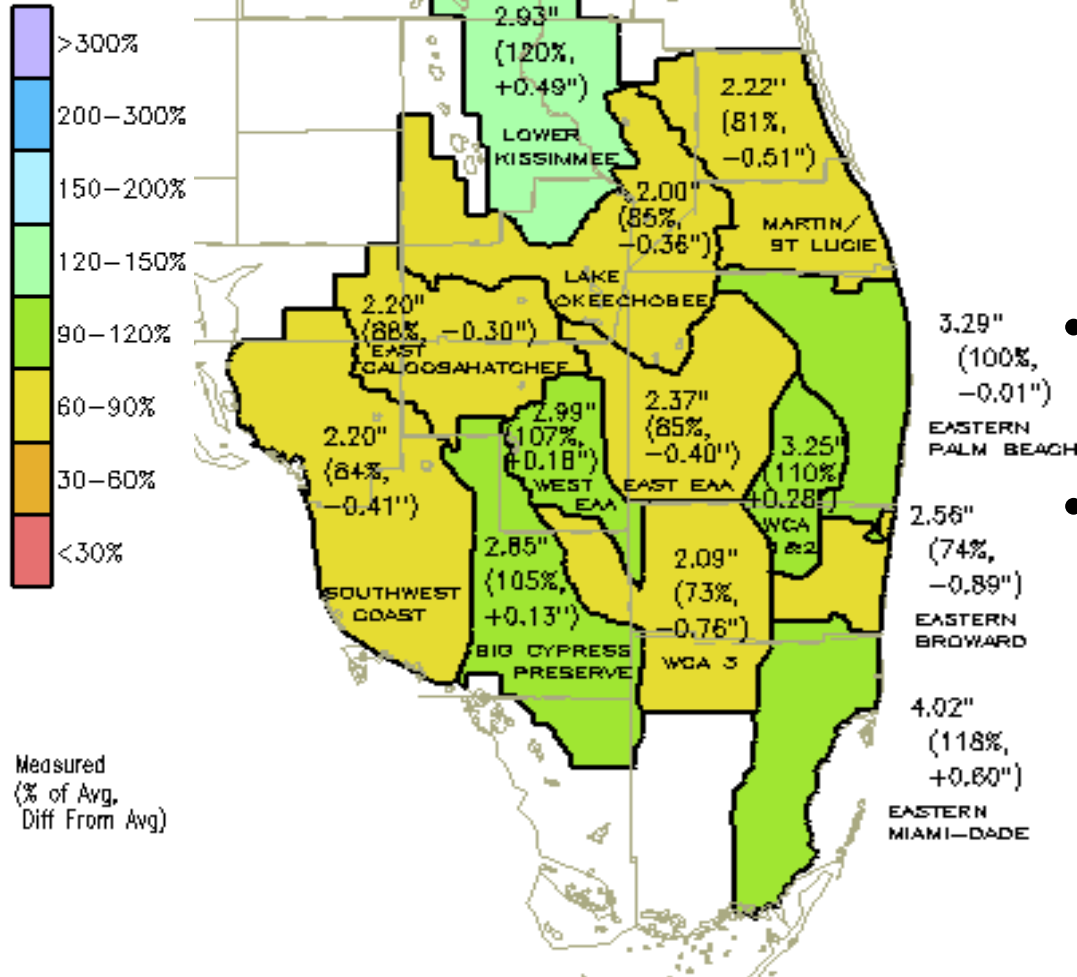
Modified phase II restrictions for St Lucie and part of Martin Counties

Incremental implementation of Modified phase III restrictions for Indian Prairie, Kissimmee River Valley and Istokpoga, based on Lake Istokpoga stage.

SFWMD 2007

1 May – 21 May 2007

**DISTRICT-WIDE:
2.40"**

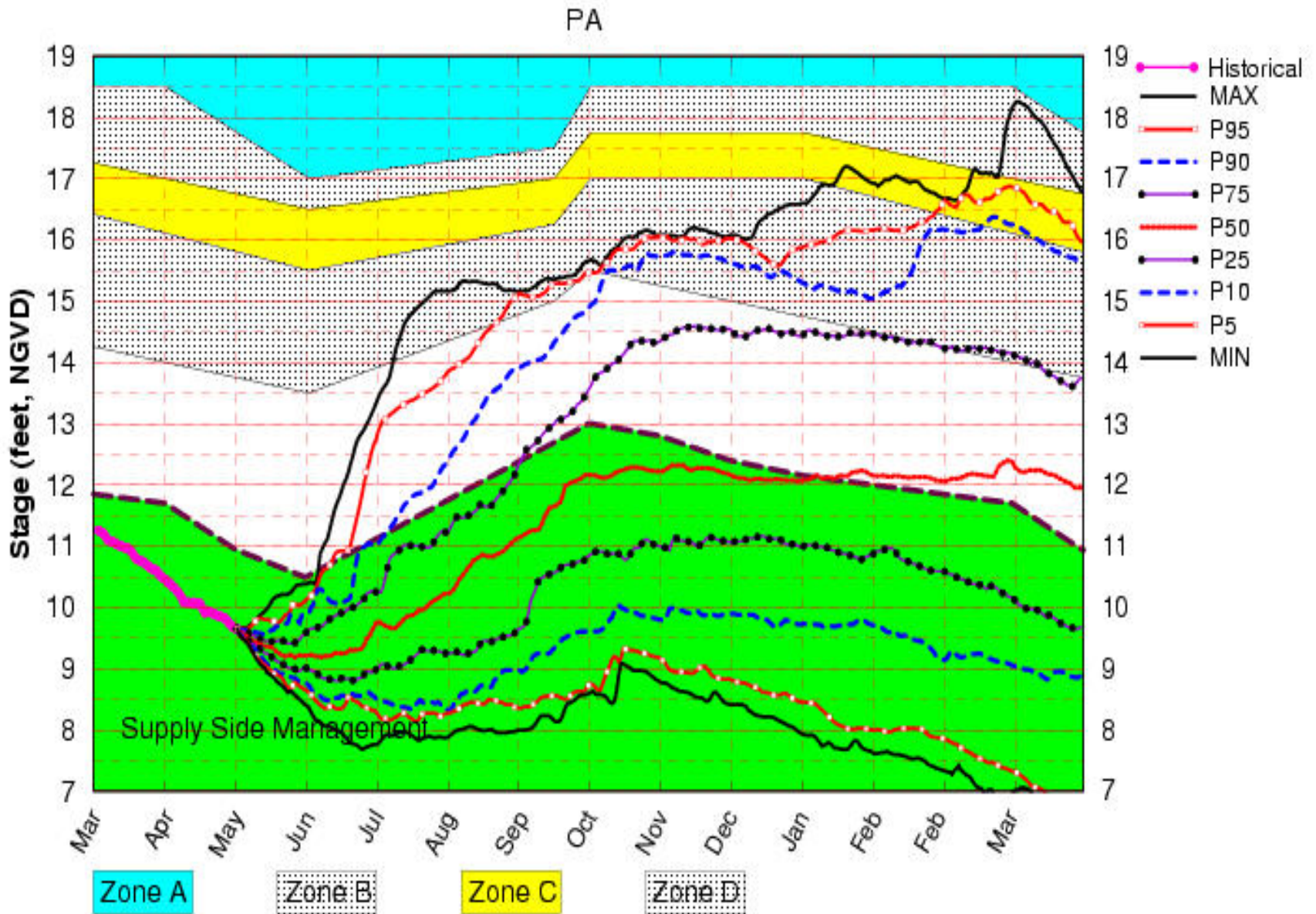


- Rainfall was retained in WPB & Broward
- With high water table in Miami Dade Co. the canal system was filled by the April rain event.

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

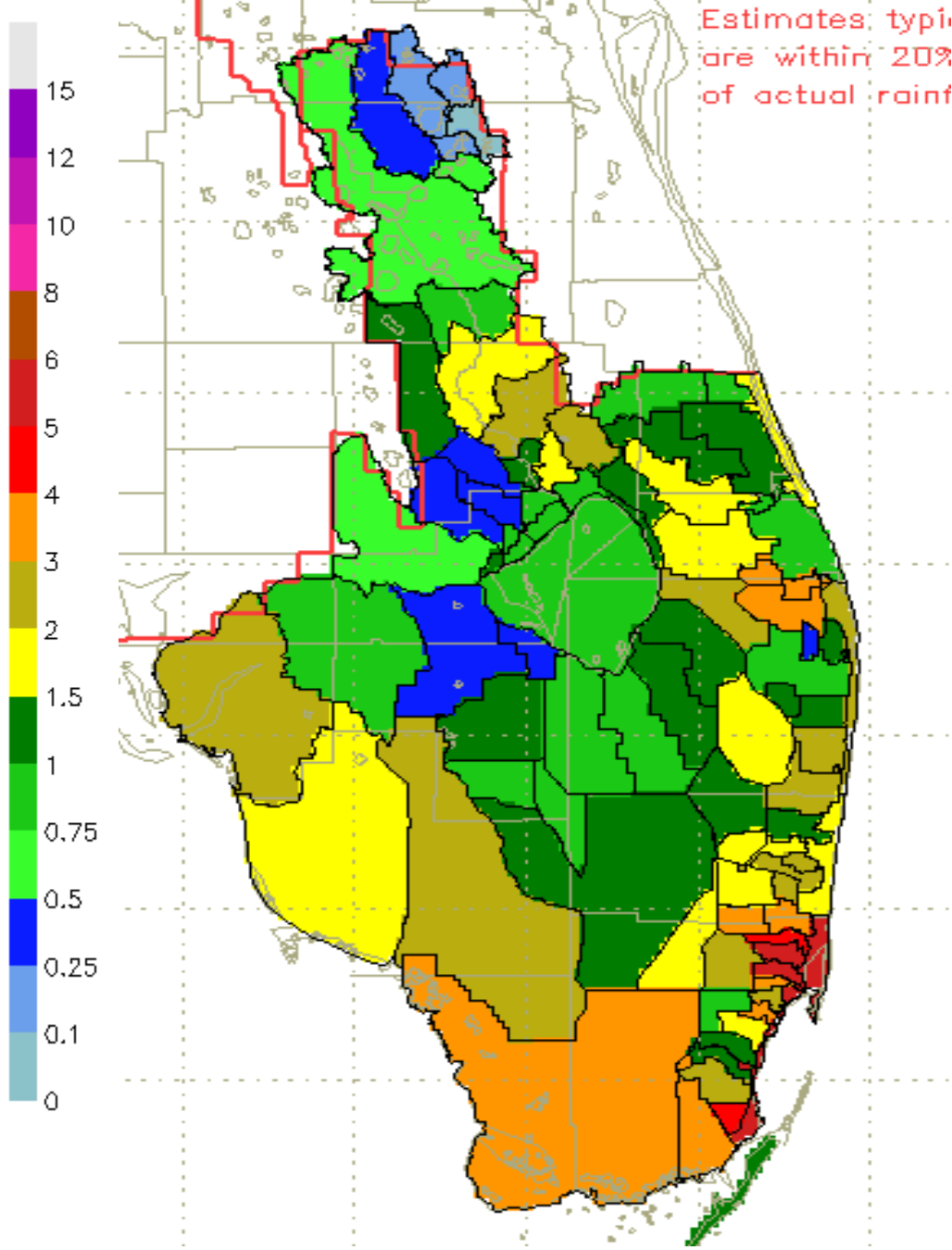
Lake Okeechobee SFWMM May 2007 Position Analysis



(See assumptions @ http://www.sfwmd.gov/org/pld/hsm/sfwmm_pa.html)



QUESTIONS?



Past 7 Days

14 May – 21 May 2007

**DISTRICT-WIDE:
1.46"**

- Rainfall was retained in WPB & Broward
- With high water table in Miami Dade Co. the canal system was filled by the April rain event.

WCA-1 Stage and Regulation Schedule

