



SITUATION REPORT # 13
2008 WATER SHORTAGE EMERGENCY

Published June 24, 2008 at 1700 Hours

Note: The next Situation Report will be published on July 8, 2008

CURRENT SITUATION:

Residents and businesses of Broward, Collier, Miami-Dade, Monroe, St. Lucie and coastal areas of Lee, Martin and Palm Beach counties are limited to a two-day-per-week landscape irrigation schedule with the option of two "watering windows". Due to continued concerns about local water resource availability, one-day-a-week watering remains in place for the utilities of Dania Beach, Hallandale Beach, Lake Worth and Lantana and portions of unincorporated Lee County, including the Lehigh Acres area. Agricultural and nursery water users in the Lake Okeechobee Service Area remain subject to modified Phase III restrictions. One-day-a-week landscape irrigation remains in place for residents and businesses in the Lake Okeechobee Service Area, which includes portions of Hendry, Glades, Okeechobee, and western Palm Beach and Martin counties. Residents of Orange and Osceola counties should adhere to any water restrictions set by the St. Johns River Water Management District. Residents of Polk, Charlotte and Highlands counties should adhere to the water restrictions set by the Southwest Florida Water Management District; however residents and other entities located within the Indian Prairie Region, portions of the Kissimmee River Valley Water Use basin, and portions of the Lakeshore Perimeter Water Use Basin remain subject to Water Shortage Order 2007-684-DAO-WS. Golf courses, nurseries, and agricultural users District wide should follow SFWMD water use restrictions.

OPERATIONAL STATUS:

The District's Emergency Operations Center remains at a level 2 (partial) activation. The Citizen Information Line is activated during normal business hours (0800 hours to 1700 hours).

WEATHER CONDITIONS:

The District received approximately 3.38 inches of rain over the past week and 7.47 inches over the last 30 days. During the month of June 2008, 6.06 inches have been received so far District-wide; the historical normal rainfall for June, based on a 30-year average (1976-2005), is 8.03 inches.

Short Term Forecast:

Partly sunny with scattered showers and thunderstorms focused south on Wednesday, then inland and north through Friday; highs around 90; lows in the 70s. The ten day outlook is for near average rainfall with the forecast confidence being low.

Long Term Forecast:

Normal temperatures and above average probability for precipitation are forecast through September.

WATER LEVELS:

Water levels in the Upper Chain of Lakes are now below the top of the regulation schedule and rising. Lake Istokpoga stage is below regulation schedule, but above water supply limit. Upper East Coast canals (C-23, C-24 & C-25) are above the 14.0 foot water supply cutoff stage. Lake Okeechobee's water level is at 9.32 feet above sea level, which is approximately 0.40 inches higher than last year but 4.25 feet below period of record average at this time of the year (1962-2007).



Current water levels at key locations throughout the District are noted in the table below; all values are reported in National Geodetic Vertical Datum 1929.

AREA	WATER LEVEL	CHANGE FROM PREVIOUS 2 WEEKS	CHANGE FROM PREVIOUS 4 WEEKS
LAKE OKEECHOBEE	9.32	-0.03	-0.44
LAKE ISTOKPOGA	38.03	0.31	0.02
WCA-1	16.12	1.01	0.82
WCA-2A	11.82	0.86	0.80
WCA-3A	9.58	0.51	0.30
CANAL C-23	21.74	2.54	3.72
CANAL C-24	19.43	0.89	1.73
CANAL C-25	19.93	0.51	2.28

DISTRICT RESPONSE ACTIVITIES:

Infrastructure

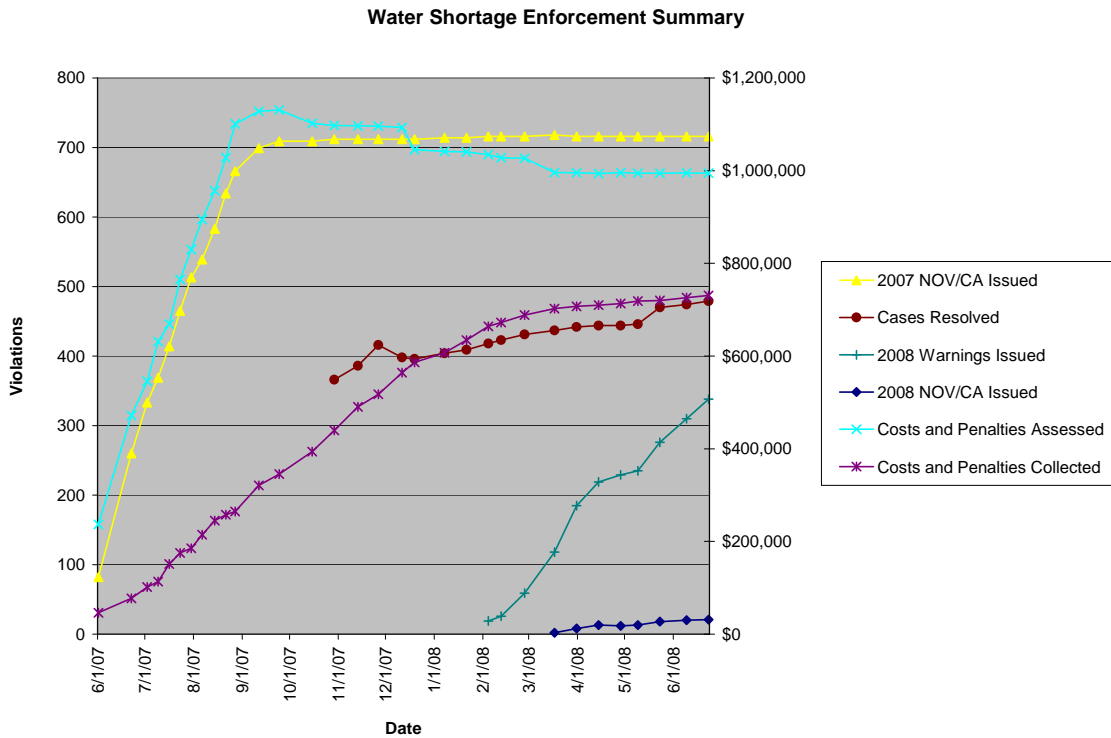
S-65E Tailwater Weir – the northeast circular sheetpile cells are installed and filled. Riprap upstream of the weir is complete. Center sheetpile is installed with the first half of the concrete pour complete. The dredging on the downstream side is underway and placement of riprap will follow.

Enforcement and Compliance - District

Continued ground surveillance activities to ensure compliance with Water Shortage Order No. 2008-166-DAO-WS.

Continued processing enforcement actions; as of June 23, 2008:

- 716 NOV/CA issued for 2007
- \$994,487 civil penalties and costs assessed
- \$730,682 civil penalties and costs collected
- 479 cases resolved through Consent Agreements
- 338 Warning Notices issued in 2008
- 21 NOV/CA issued for 2008



Golf Course Compliance

409 golf courses, 9 polo fields, and 1 college were monitored for weekly pumpage reporting.

Diversion & Impoundment / Pumping Authorizations

The Seminole Improvement District and the City of West Palm Beach continue to report their water withdrawals, as per the new orders, via the web portal and or facsimile.

L-8 Water / City of West Palm Beach

The District issued authorization for the City to take L-8 Canal water to maintain levels at the water supply lakes at the 12.5 feet target. Slight reductions in water withdrawal by the City occurred due to problems with Control No.2 Pump and maintenance work at the City's lakes.

WCA-1 /Lake Worth Drainage District, Broward 298 Districts

The District continued to coordinate with the LWDD and Broward 298 districts regarding water conservation.

Lake Istokpoga / Tribal Operations

As recommended in the Biological Opinion from the U.S. Fish and Wildlife Service, drought-related restoration efforts in the lake have continued, such as vegetation mapping and apple snail monitoring.

Compliance inspections of the L-59, L-60 and L-61 canals were conducted on non-delivery days. In addition, staff reviewed and accepted pumpage reports from those water users authorized to withdraw from District canals. No compliance issues noted during this reporting period.

Indian Prairie Basin

No compliance issues noted for the Indian Prairie Basin. The District notified the Tribe and other permitted users regarding water withdrawal availability after recent rainfall event. Staff continued to develop a revised water delivery plan for the South Indian Prairie Basin.

District Service Center staff completed ground and aerial surveillance. Staff continued to monitor the weekly water use reports.

Lake Okeechobee Environmental Enhancement

Muck scraping has started in the areas of Worm Cove and Horse Island. This work will continue as long as lake levels and daily rains allow.

Final disposal of the muck removed from the 2007 projects is continuing and will be completed within one more week.

Removal of the haul road used for muck scraping of the Eagle Bay area in 2007 has started.

Removed approximately 2,000 tires from Kraemer Island.

Variations

Scheduled meeting with Palm Beach County Parks and Recreation and District Compliance and Conservation staff to have demonstration on infield maintenance.

Continued to answer calls from the public and applicants on the restrictions and how to comply or request a variance. Reviewed and processed variance requests; met with the Executive Team as appropriate.

Navigation

Channel depths in Route 1 and Route 2 of the Okeechobee Waterway within Lake Okeechobee have decreased slightly during this reporting period. As of June 18th the depth in Route 1 is 3.21 feet and the depth in Route 2 (Rim Canal) is 0.61 feet. Route 2 remains closed to yachts and caution is urged for yachts crossing the lake using Route 1.

Access to Lake Okeechobee from public boat ramps continues to be limited due to low lake levels. Caution for recreational boating in the near shore area is urged until lake levels rise to at least elevation 12 feet NGVD.

Water Conditions Analysis

Conducted weekly monitoring of groundwater levels and chloride concentrations from the sentinel monitor well network. Evaluated groundwater conditions based on this data and made recommendations as appropriate.

Modeling Support and Analysis

Produced and posted June 2008 to-date Position Analysis results.

Produced and posted the weekly allocation and distribution tables for Lake Okeechobee Service Area and Northern Indian Prairie Basin for the week of June 23rd.

Public Water Supply Utilities

Continued to monitor and coordinate with Palm Beach County Utilities on the progress of connecting communities to the Lake Region Water Treatment Plant. South Bay and Belle Glade are now connected. Pahokee is expected to be connected this month.

Continued evaluating the Okeechobee Utility Authority's raw water intake in Lake Okeechobee; reviewed additional bathymetric surveys to determine if dredging is necessary.

Continued analysis of utility water demand data to determine water savings as a result of the water shortage restrictions.

Stormwater Treatment Areas

Monitored stages in all cells of all Stormwater Treatment Areas and prioritized cells for receiving inflow, taking into consideration the locations of nesting migratory birds (black-necked stilts).

Attempted to maintain the Drought Contingency Strategy target stages established for all cells (6 inches higher than normal).

Financial

Water shortage expenditures through June 20th are shown below:

Activity Type	Expenditures
Water Shortage	\$279,965
Muck Removal	795,234
O&M Structures Repairs	11,799,766
Staffing	1,121,782
Total FY2008	\$13,996,747

Public Information - Media/Creative Services

Prepared and issued press release on June 10 regarding installation of water savings outdoor irrigation as part of X-Treme Yard Makeover; coordinated held media/community event at the site, which garnered widespread local media coverage.

Prepared and issued press release on June 12 announcing launch of new Spanish water conservation web site.

Coordinated conference call meetings on June 11 with editorial writers at The Palm Beach Post and Sun-Sentinel and Deputy Executive Directors Deena Reppen and Chip Merriam on the topic of water shortage/year-round landscape irrigation measures/comprehensive water conservation plan; resulted in positive, accurate and supportive editorials in both newspapers.

Coordinated press tour highlighting Lake Okeechobee's low water levels/Kreamer Island tire removal project on June 18, resulting in front page coverage in The Palm Beach Post, as well as coverage in the Sun-Sentinel and National Public Radio. Continued to field follow-up media inquires about the project.

Completed distribution to Service Centers updated Mobile Irrigation Lab Splash sheets and posted on web site.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Completed distribution of new series of water savings public service announcements for local government access channels to Service Centers.

Continued to respond to media inquiries regarding Modified Phase II water restrictions/water shortage conditions with wet season (turn off sprinklers) messaging.

Continued to seek help from beat, environmental, gardening, living and outdoor reporters, as well as weather casters, to promote water conservation tips, including Modified Phase II water restriction reminders.

Continued to plan and schedule additional Service Center water shortage/water conservation media availabilities, e.g. mobile irrigation lab demonstrations, community events, Florida Yards and Neighbors water smart landscaping demonstration, etc.

Continued to work through Service Center Liaison to distribute water restriction/water conservation existing and updated public information materials, e.g. aerators giveaways, existing Splash fact sheets, At-A-Glance fact sheets, water conservation-themed edition of Water Matters newspaper insert, displays, violation warning door, hangers, Speaker's Bureau presentations, etc.

Continue to encourage local media, community organizations and local governments to establish links to the District's Water Conservation web site (www.savewaterfl.com) and new Spanish web site on their respective sites through Service Center media/local government/outreach staff.

Continued internal communications, and outreach to Service Center community and local government.

Continued earned media opportunities, reporting and tracking; respond to public e-mails.

Public Information - Citizen Information Line

Continued staffing of Citizen Information Line with one full-time attendant and one on-call supervisor 8:00 a.m. to 5:00 p.m. each weekday this period. CIL has logged an average of 40 calls per day during this reporting period with a total of 10,143 calls since Dec. 14, 2007

Public Information - Web Site

Launched the Spanish version of the water conservation web site (www.savewaterfl.com) on June 12.

Continued to update water shortage/conservation web site with latest public information materials and information.

Liaison / Intergovernmental Coordination

The District's Service Centers remain engaged in working with Code Enforcement Offices across our region in encouraging continued enforcement of the water restrictions. So far there have been 7,325 citations and 7,963 warnings issued bringing the total to 15,288 of citations and warnings issued across the 16 county area. The Service Centers are watching the weather conditions as the wet season exerts itself and are continuing giving presentation and water shortage materials to the general public and stakeholder groups.

Legal

Continued resolution of court cases concerning violations of the 2007 water shortage orders.

Water restrictions are displayed in the attached map.

AUTHORIZATION:

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DISTRIBUTION:

Situation Report Mailing List

Water Restrictions - Effective April 18, 2008

