

DRY SEASON **2011**



***Proactive Measures Needed
to Protect Water Resources***

Our Legislative Charge

We are directed to:

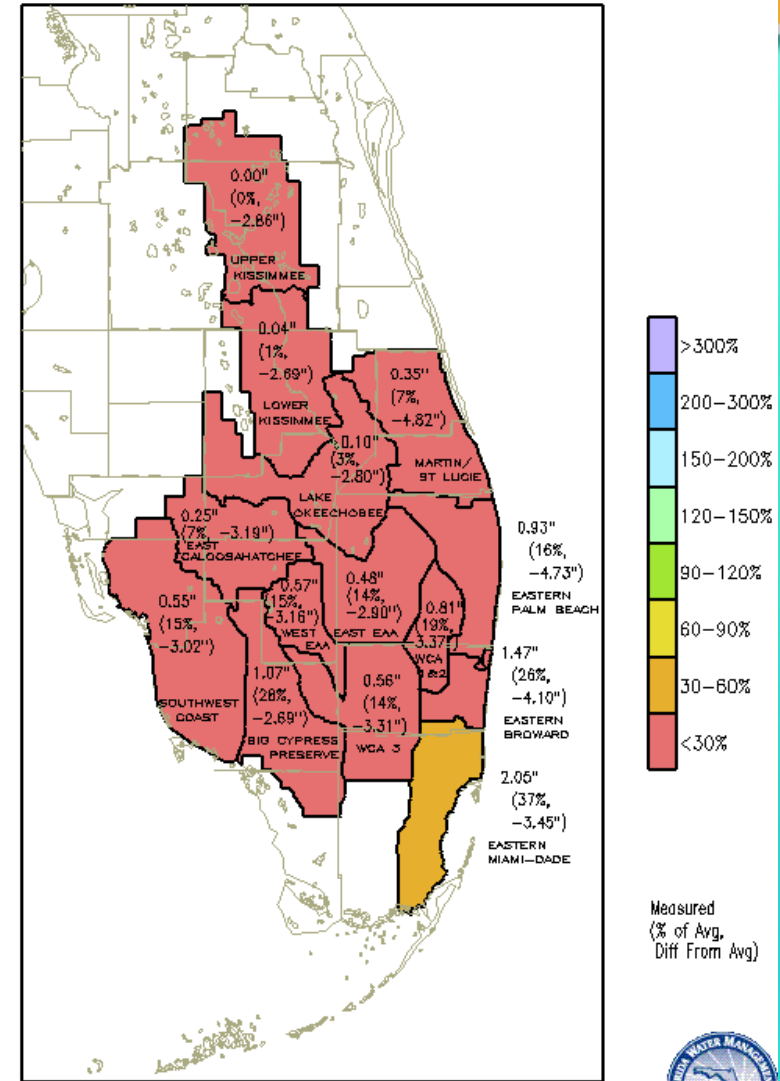
- **Protect the state's water resources**
- **Encourage conservation**
- **Plan for existing and future water use**



Key Indicators

- **Strong La Niña – abnormally dry conditions with fewer winter storms**
 - **Driest October on record since 1932**
 - **Potential for severe wild fire season**
- **Lake Okeechobee more than 2 feet below historical average**

SFWMD Rainfall
02-OCT-2010 to 01-NOV-2010



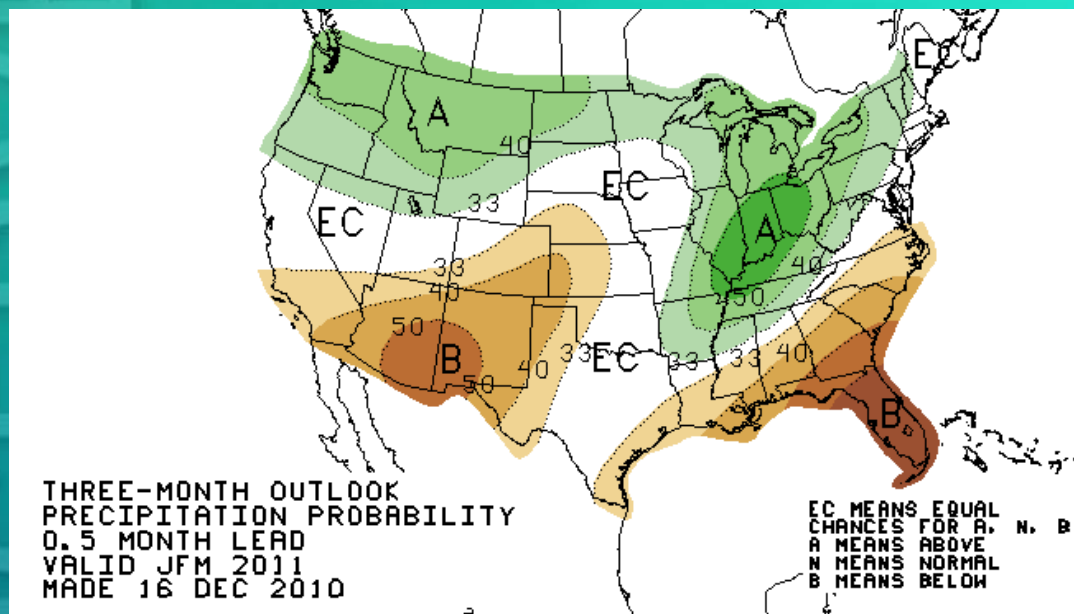
DISTRICT-WIDE: 0.55" (15%, -3.21")

SES

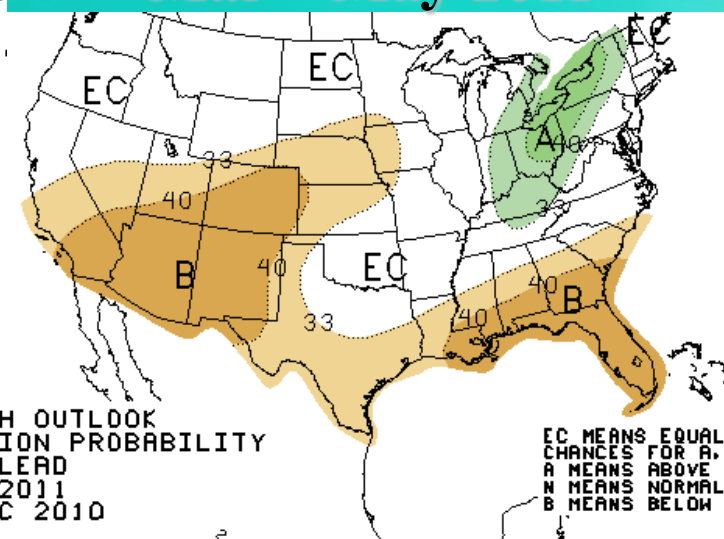
2010-11-01-16:02

U.S. Seasonal Precipitation Outlook

Jan – Mar 2011



Mar – May 2011



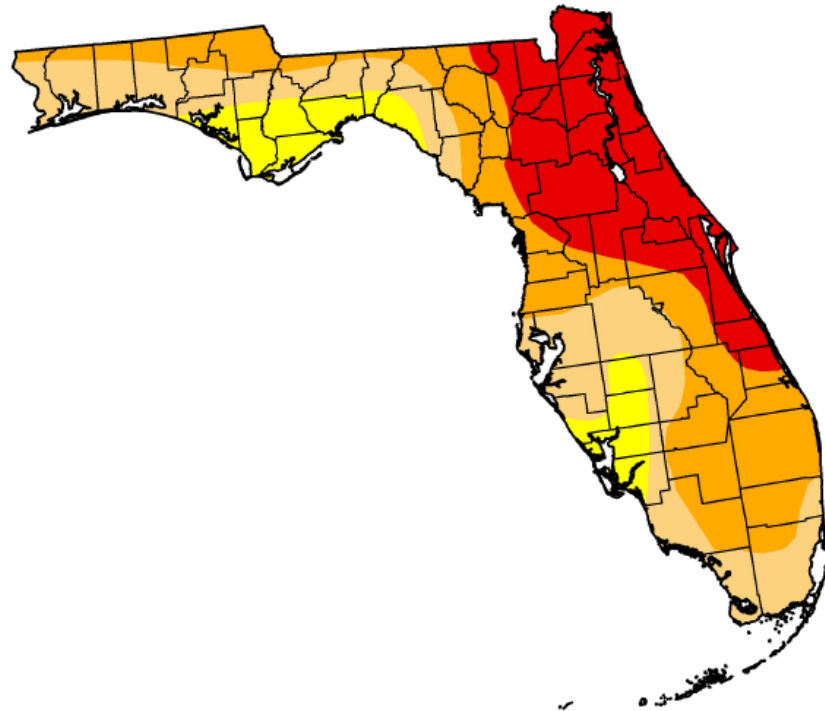
U.S. Drought Monitor

Florida

January 18, 2011
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.17	99.83	89.15	60.27	26.45	0.00
Last Week (01/11/2011 map)	0.18	99.82	89.05	60.27	26.45	0.00
3 Months Ago (10/19/2010 map)	32.96	67.04	32.66	20.84	1.96	0.00
Start of Calendar Year (12/28/2010 map)	0.18	99.82	86.04	50.84	20.21	0.00
Start of Water Year (09/28/2010 map)	54.97	45.03	18.02	4.22	0.00	0.00
One Year Ago (01/12/2010 map)	97.29	2.71	0.00	0.00	0.00	0.00



Intensity:



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

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



Released Thursday, January 20, 2011
B. Fuchs, National Drought Mitigation Center

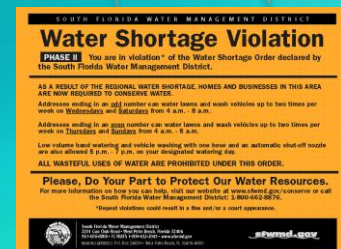
SFWMD Proactive Measures

- Water shortage teams on alert; increased monitoring and reporting
- Water shortage warning issued for Lake Istokpoga, Indian Prairie basin and Lake Okeechobee basin
- Call for conservation NOW
- Stepped up communication and coordination with other governments and agencies
- www.sfwmd.gov



IF Conditions Do Not Improve...

- Potential for SFWMD-imposed emergency water shortage restrictions
 - If enacted, local governments responsible for enforcement
- Restrictions designed to mitigate against:
 - Saltwater intrusion into wellfields
 - Loss of crops
 - Lack of water needed for fire protection
 - Wildfires
 - Loss of Stormwater Treatment Area nutrient-reduction capacity
 - Minimum Flow & Level exceedances



Working Together to Protect the Resource

- **Municipalities have statutory direction to assist SFWMD in enforcing water shortage restrictions**
 - **Focus is residential, while SFWMD enforces HOAs, golf courses, etc.**
- **Note to Public Works Directors:**
 - **Medians**
 - **Athletic fields**
 - **Adjust irrigation systems accordingly**
 - **Complaints from citizens – equity**



For More Information...

www.sfwmd.gov/waterwatch



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WATER MANAGEMENT DISTRICT

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Water Shortage Watch

Water Shortage Restrictions

RELATED LINKS

- ▶ NOW in EFFECT: Year-Round Landscape Irrigation Conservation Measures
- ▶ Ways You Can Save Water
- ▶ County and City Enforcement Contacts [PDF]
- ▶ Current Weather and Water Conditions
- ▶ Rainfall Maps

Did you know rainfall is our region's primary source for replenishing our limited freshwater supply? Because 2010 rainfall amounts were far below average, ground (wellfields and aquifers) and surface (lakes, rivers and canals) water levels are low. Long-term weather forecasts for 2011 envision continuing below-average rainfall leading to great strains on water supplies. With at least five months of the dry season still ahead, water conservation is increasingly critical.

Currently throughout the region, year-round landscape irrigation limits are in effect to better conserve South Florida's water resources.

[more »](#)

By conserving the water you use on your landscape and in your home or business now, you can help stave off mandatory or more severe water restrictions later.

In the News

- ▶ Second Extremely Dry Month Opens the Annual Dry Season (Dec 02)
- ▶ SFWMD Invests in 19 Alternative Water Supply Projects (Nov 10)
- ▶ South Florida Experiences Driest October on Record (Nov 01)
- ▶ SFWMD, Big Cypress Basin Celebrate Completion of Canal Improvements (Oct 19)
- ▶ SFWMD Water Managers Brace for Dry Conditions (Oct 19)

[NEWS ARCHIVE](#)

Protecting our Water Supply
Planning, conservation and the use of alternative water supplies to ensure the state's water future.

[LEARN MORE »](#)

Upcoming Events

- ▶ Regulatory Peer Review Forum
- ▶ Rain Barrel Workshops - by Miami-Dade County Cooperative Extension Service
- ▶ Monthly Regulatory Meetings