



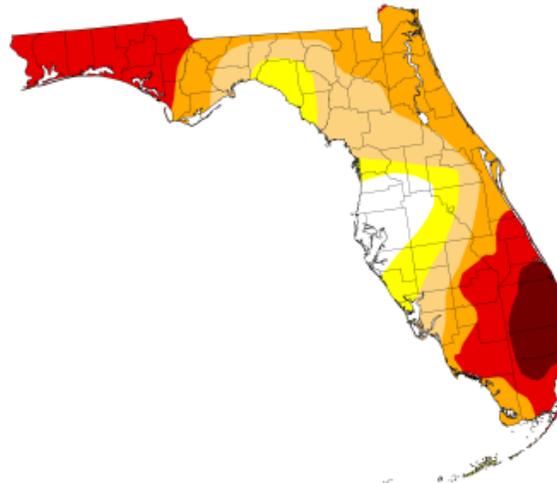
**Drought Status and Climate Outlook for Upcoming 12 Months
FWS SFESO – Vero Beach, FL
June 14, 2011**

Short Term Drought Map:

**U.S. Drought Monitor
Florida**

June 7, 2011
Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	7.11	92.89	81.58	59.37	32.45	7.08
Last Week (05/31/2011 map)	9.79	90.21	76.31	56.50	31.10	2.32
3 Months Ago (03/08/2011 map)	0.87	99.13	91.30	56.10	14.99	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 (06/01/2010 map)	100.00	0.00	0.00	0.00	0.00	0.00



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

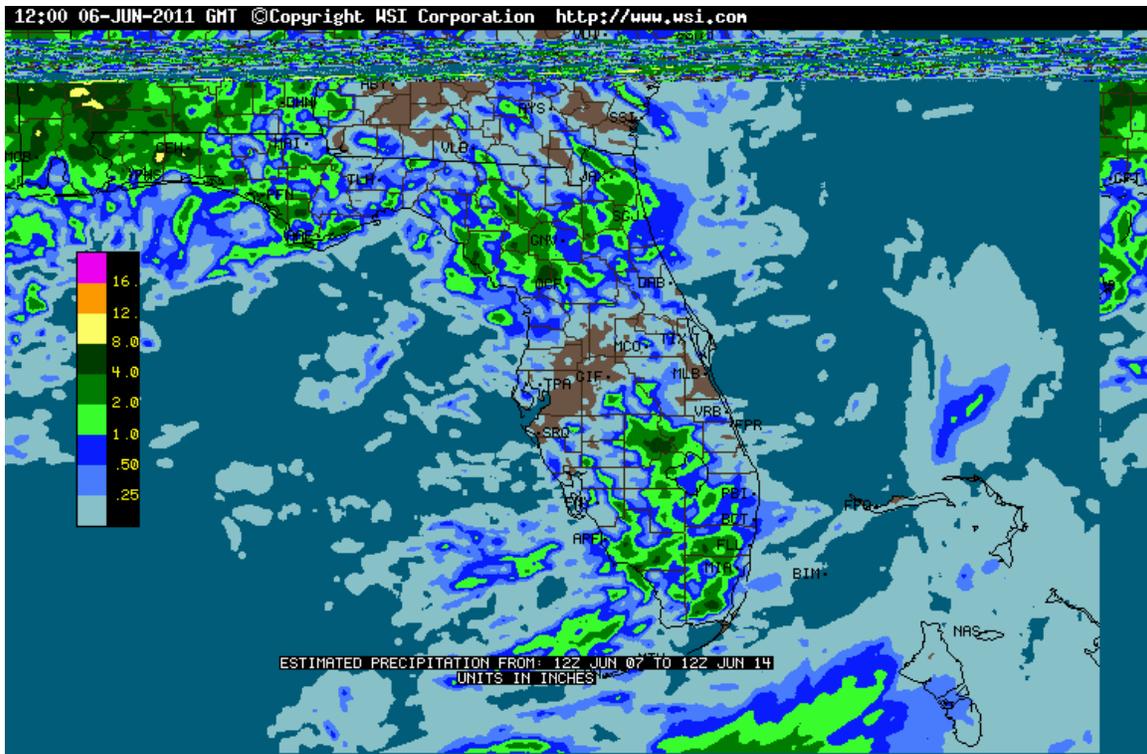
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

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



Released Thursday, June 9, 2011
Matthew Rosencrans, NOAA/NWS/NCEP/CPC

Synopsis: Conditions have worsened over southeast Florida with Martin, Palm Beach, Broward, and Dade counties now reaching the most extreme classification of Exceptional Drought. Rain has begun to fall (1-3 inches), but has been limited to northern Florida, extreme southwest Florida, and the interior where the wet season west coast and east coast sea breezes have been colliding for the last week. Drought conditions over northern Florida (north of the Kissimmee) are classified as hydrologic droughts. A hydrologic drought is when the water table and ground water is now suffering and being impacted due to lack of rain. Drought conditions from the Kissimmee Chain of Lakes to the Florida Bay are classified as agricultural droughts with mostly crops, pastures, and grasslands suffering with the ground water system still intact.



Rain totals for the week of June 7, 2011 ending the morning of June 14, 2011.

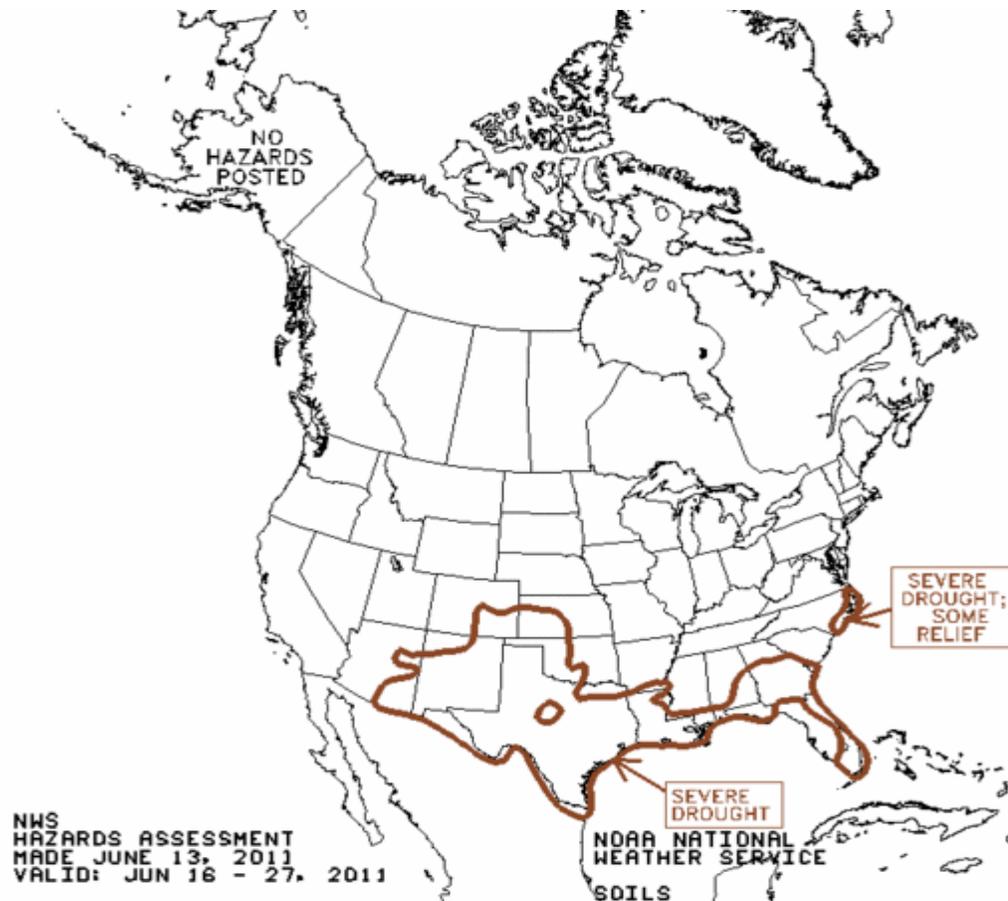
Drought Impacts in the News:

Water Shortage – West Palm Beach officials warned that the city could run out of water in less than 2 months if the worst drought in the county’s history continues. The city continues to tightened water restrictions and enforcement. SFWMD warned last week that “a significant threat exists to the public’s health, safety and welfare.” June 13, 2011 Palm Beach Post

Southwest Florida is suffering through their worst drought in 80 years. Brown lawns, blue-green algae blooms in the Caloosahatchee River, fires, climbing temperatures, drier than normal “dry season”, and a slow start to the “wet season” have all compounded the drought situation. June 10, 2011 Naples Daily News

State of Emergency – Governor Rick Scott has declared a state of emergency in Florida due to wildfires and drought conditions. June 13, 2011 Miami Herald

Wildfires – Approximately 50,316 acres have burned so far in WCA-3B. Approximately, 20,000 acres have burned in Dade County around Krome Avenue and is centered about 2 miles north of U.S. Hwy 41 and west of the Florida Turnpike.



Wildfire potential through the remainder of June 2011

2010-2011 Dry Season Totals FINAL:

The 2010-2011 Dry Season ended with the Kissimmee Chain of Lakes 2-4" below normal and Lake O nearly 6" below normal in rainfall. The driest area was the southeast coast at 8-14" below normal for the dry season in West Palm Beach, Ft. Lauderdale, and Miami. The Florida Keys only received 50% of their normal dry season rainfall.

Upper Kissimmee Chain of Lakes: 16.6" (-2.1" above normal rain)

Lower Kissimmee Chain of Lakes: 13" (-3.6" below normal rain)

Lake "O": 10.4" (-5.5" below normal rain)

St. Lucie basin: 11.4" (-9.2" below normal rain)

Caloosahatchee basin: 11.9" (-5.1" below normal rain)

EAA: 10.9" (-6" below normal rain)

Southwest Florida: 12.8" (-4.1" below normal rain)

Coastal Palm Beach County: 11" (-13.9" below normal rain)

Coastal Broward County: 11.6" (-9.9" below normal rain)

Lox & WCA-2: 11.5" (-7.2" below normal rain)

WCA-3: 9.5" (-7.8" below normal rain)

Coastal Dade County: 11.8" (-7.6" below normal rain)

Big Cypress: 10.7" (-6" below normal rain)

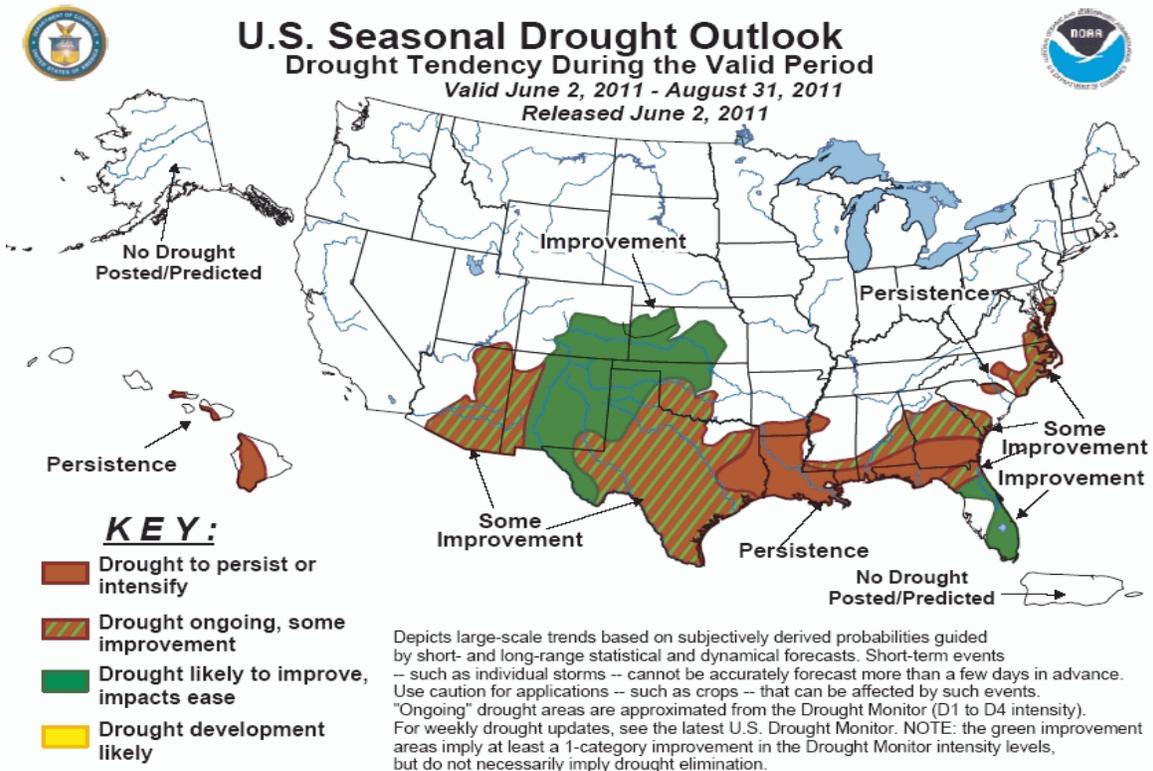
ENP: 11.5" (-3.9" below normal rain)

The Keys: 8" (-7" below normal rain)

2011 Yearly Totals:

- Upper Kissimmee Chain of Lakes: 14.2" (+.3" above normal rain)
- Lower Kissimmee Chain of Lakes: 10.2" (-2.7" below normal rain)
- Lake "O": 8.5" (-3.9" below normal rain)
- St. Lucie basin: 9.5" (-5.7" below normal rain)
- Caloosahatchee basin: 9.3" (-3.8" below normal rain)
- EAA: 9.2" (-3.8" below normal rain)
- Southwest Florida: 9.7" (-3.6" below normal rain)
- Coastal Palm County: 8.9" (-9" below normal rain)
- Coastal Broward County: 8.5" (-7.5" below normal rain)
- Lox & WCA-2: 8.6" (-5.5" below normal rain)
- WCA-3: 7.2" (-6.1" below normal rain)
- Coastal Dade County: 8.4" (-6.1" below normal rain)
- Big Cypress: 8.7" (-4.4" below normal rain)
- ENP: 8.5" (-4.2" below normal rain)
- The Keys: 5.5" (-5" below normal rain)

Drought Outlook for the Next 3 Months:



2011 Atlantic Hurricane Season Outlook:

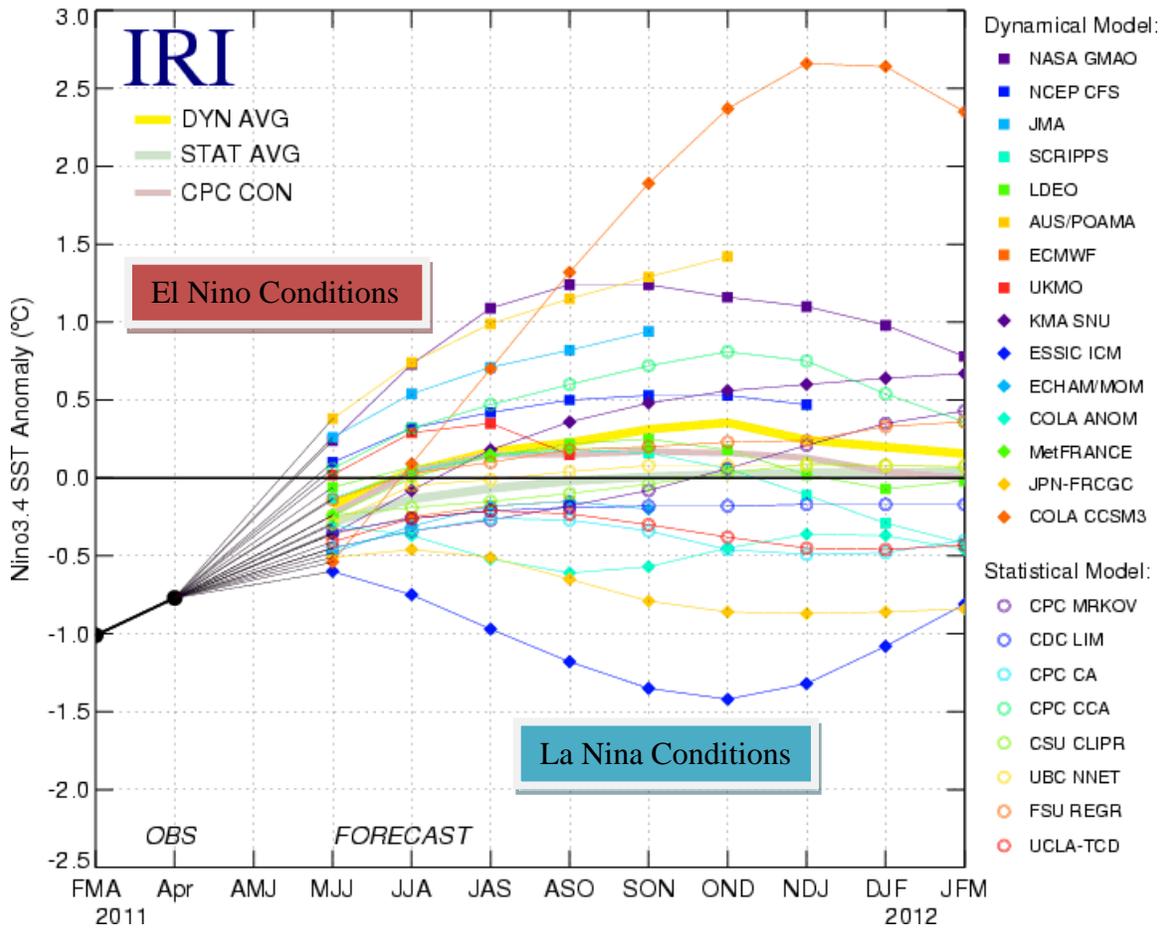
Cyclone	Normal	12/8/2010 Issued Forecast	4/6/2011 Issued Forecast	6/1/2011 Issued Forecast					
Named Storms	10	17	16	16					
Hurricanes	6	9	9	9					
Major Hurricanes	2	5	5	5					

Probability of a Major Hurricane landfall on the U.S east coast (inc. Florida)	Normal = 31%	2011 Prediction = 48%
Probability of a Major Hurricane landfall on the Gulf coast (inc. Florida)	Normal = 30%	2011 Prediction = 47%

El Nino / La Nina (ENSO) Status – La Nina Advisory cancelled (Climate Prediction Center)

ENSO-neutral conditions have developed and are expected to continue through at least summer 2011. La Nina dissipated in May 2011. However, La Nina will continue to have global impacts even as the episode ends. Most models predict ENSO-neutral to continue through the remainder of 2011. However, uncertainty in the models beyond the summer is high due to lower model forecast skill for longer lead times during this time of year.

Model Predictions of ENSO from May 2011



Central & South Florida Temperature Outlook:

June – Above Normal
 July thru September - Much Above
 October - Above
 November thru May 2012 – Normal

Central & South Florida Rainfall Outlook:

June – Below Normal
 July – Normal
 August thru September – Much Above Normal
 October – Above normal
 November thru May 2012 - Normal

Lori Miller – FWS Hydrologist - 772.469.4231