

The Florida Senate
COMMITTEE MEETING EXPANDED AGENDA

AGRICULTURE
Senator Siplin, Chair
Senator Bullard, Vice Chair

MEETING DATE: Tuesday, February 8, 2011
TIME: 2:00 —4:00 p.m.
PLACE: *Mallory Horne Committee Room, 37 Senate Office Building*

MEMBERS: Senator Siplin, Chair; Senator Bullard, Vice Chair; Senators Alexander, Garcia, Hays, Montford, and Simmons

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
1		Presentation by the Department of Citrus regarding job and business growth and impact of the state's freezing weather on citrus.	
2		Presentation by the Department of Agriculture and Consumer Services on the beekeeping industry, forestry management, and wildfire prevention.	
3		Report from Southeastern Fisheries Association regarding regulations that restrict commercial fishing and aquaculture.	
4		Report from the Florida Fish and Wildlife Conservation Commission regarding impacts of the Deepwater Horizon oil spill on Florida wildlife.	
5		Reports regarding impacts and the claims process from those harmed by the Deepwater Horizon oil spill.	

FLORIDA AGRICULTURE: HONEY BEES



It's more than honey!



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Florida Department of Agriculture & Consumer Services | Adam H. Putnam, Commissioner

Agricultural Acres Planted With Pollinator Dependent Crops Has Outpaced the Availability of Pollinators



There is an
Increasing
Demand for
Managed
Honey Bees



Total Cash Receipts/Value

\$ 1,422,000,000

Total Economic Impact

\$ 3,387,915,000

Jobs

48,135

Tax Revenue

\$192,538,800



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Less Honey Bees

Less Produce

Less Revenue

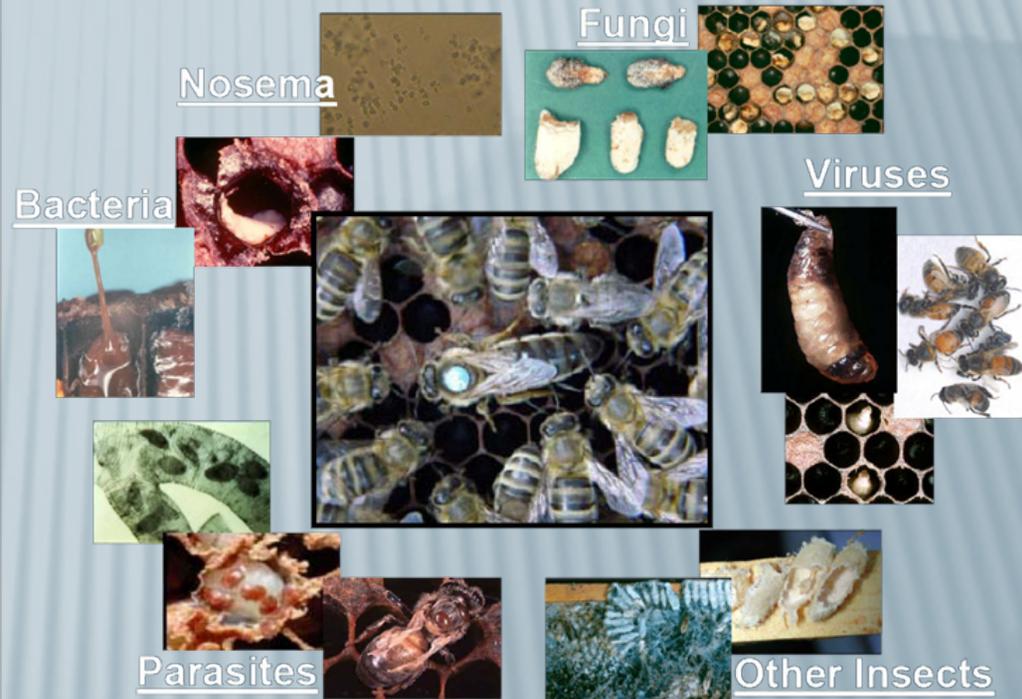


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Apiary Industry Under Siege From Pests, Diseases and Now Something Called CCD

The CCD Factor



HONEY BEE COLONY MORTALITY AIA SURVEY

	<u>Losses</u>
• 2006 - 2007	32%
• 2007 - 2008	36%
• 2008 - 2009	29%
• 2009 - 2010	31%



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ENTOMOPHOBIA

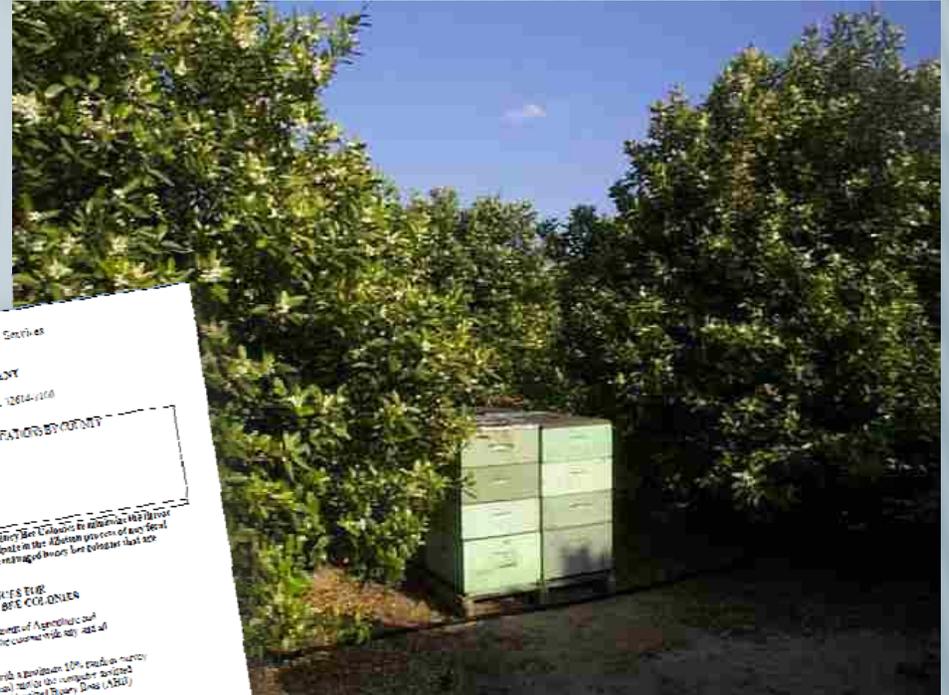
Definition:

- ❑ Unreasonable, unnatural fear of insects
- ❑ People affected by Entomophobia:



SAFE BEEKEEPING

- Managed Honey Bees are safe
- BMPs help



Florida Department of Agriculture and Consumer Services
Division of Plant Industry

RE-REGISTERED COMPLIANCE AGREEMENT

1011 SW 24 Street, Ocala, FL 32063, Telephone: FL 352-614-1100
Fax: (352) 371-2044 / ext. (112) 124 0713

CHAMPINE H. BRUNTON
COMMISSIONER

STATE OF FLORIDA
DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
DIVISION OF PLANT INDUSTRY

REPORT IDENTIFICATION BY COUNTY

This agreement is a condition of the registration of a managed honey bee colony for the purpose of participating in the Managed Honey Bee Program of the Division of Plant Industry of the Florida Department of Agriculture and Consumer Services. A beekeeping colony that is not registered in Florida, by maintaining a compliance agreement, but does not meet the requirements of the program, shall be considered as a non-registered colony.

BEES MANAGEMENT PRACTICES FOR MAIN TAINING EUROPEAN HONEY BEE COLONIES

1. Beekeepers shall maintain a valid registration with the Florida Department of Agriculture and Consumer Services, Division of Plant Industry (DPI), and the current state registration fee.
2. A Florida colony may be deemed as a Managed Honey Bee colony if it meets the requirements of the Florida Department of Agriculture and Consumer Services, Division of Plant Industry (DPI) and the current state registration fee.
3. Honey bee colonies should be kept in a secure location and should be inspected regularly to ensure the health and productivity of the colony.
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DATE: 04/15/2014
PAGE 1 OF 1



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WILD BEES MAY NOT BE SAFE



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RESTRICTIONS ON BEEKEEPERS

- ❑ Beekeepers are being zoned and “ordinanced” out of beekeeping
- ❑ Some local governing bodies are confused about the value of Honey Bees in Florida Agriculture and it’s green wild areas.



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NEW YORK ROOFTOP BEEKEEPERS



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RESULTS

Honey Bee
diseases,
parasites, CCD

+

Location
restrictions

=

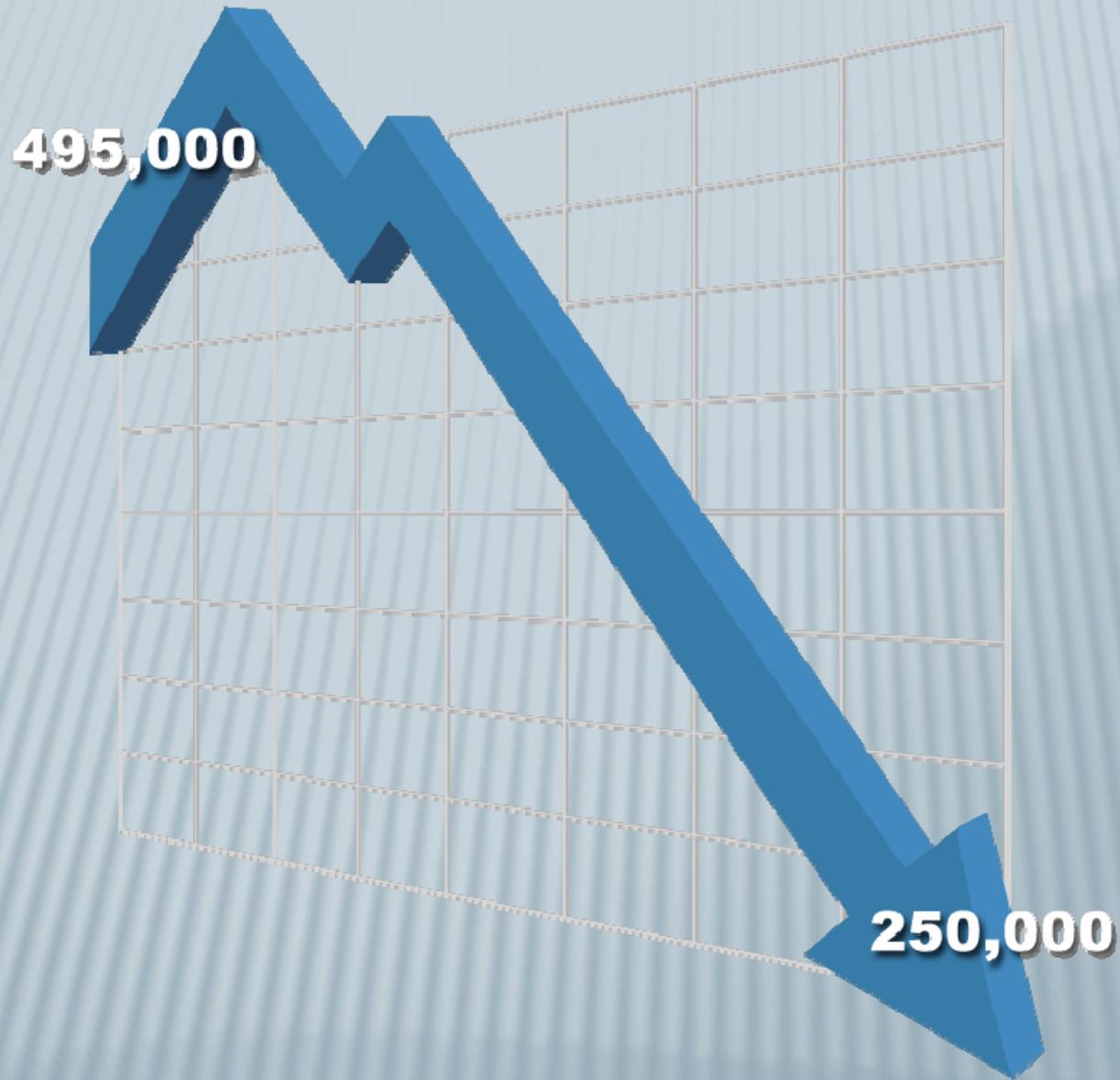
Less honey bees
for Florida
Agriculture and
it's environment



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STATUS OF BEEKEEPING IN FLORIDA



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BUT DOES ANY OF THIS MATTER?

“You, me and all of your neighbors know food comes from the grocery store.”



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THANK YOU!

Questions/Comments?



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Florida Division of Forestry Wildland Fire Program

Senate Agriculture Committee
Senator Gary Siplin, Chair
February 8, 2011



Florida Wildfire Statistics

- 5,062 wildfires per year
- 203,000 acres burned each year
- 3,054 homes on average threatened by wildfire each year
- 38 homes lost on average each year due to wildfire
- 26 million acres of forest and wildland acres protected by DOF



Division of Forestry Fire Resources

- 507 wildland firefighters in Florida
- 280 tractor/plow transport fire units
- 103 brush engines
- Helicopters and fixed wing aircraft



Fire Prevention Strategies

- Fuel reduction programs in high risk areas
- Target Arson and escaped debris fires
- Prevention messages through radio, newspaper and television media
- Fire danger information through TV and newspaper weather forecasting.



Paso Fino Fires Highlands County 2/7/11

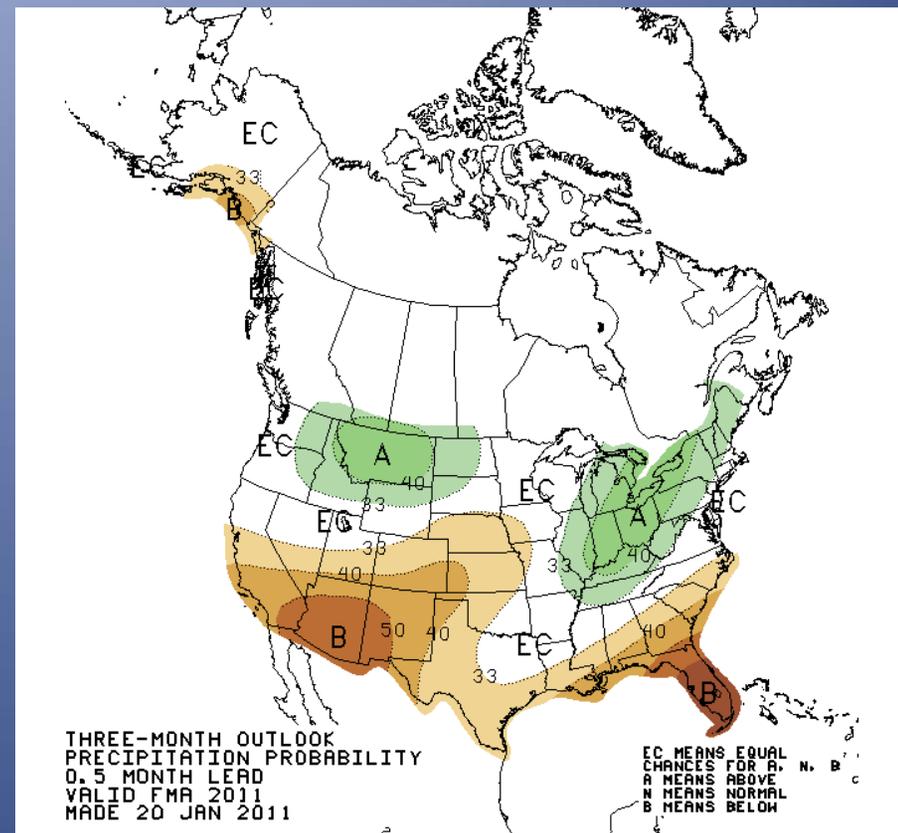
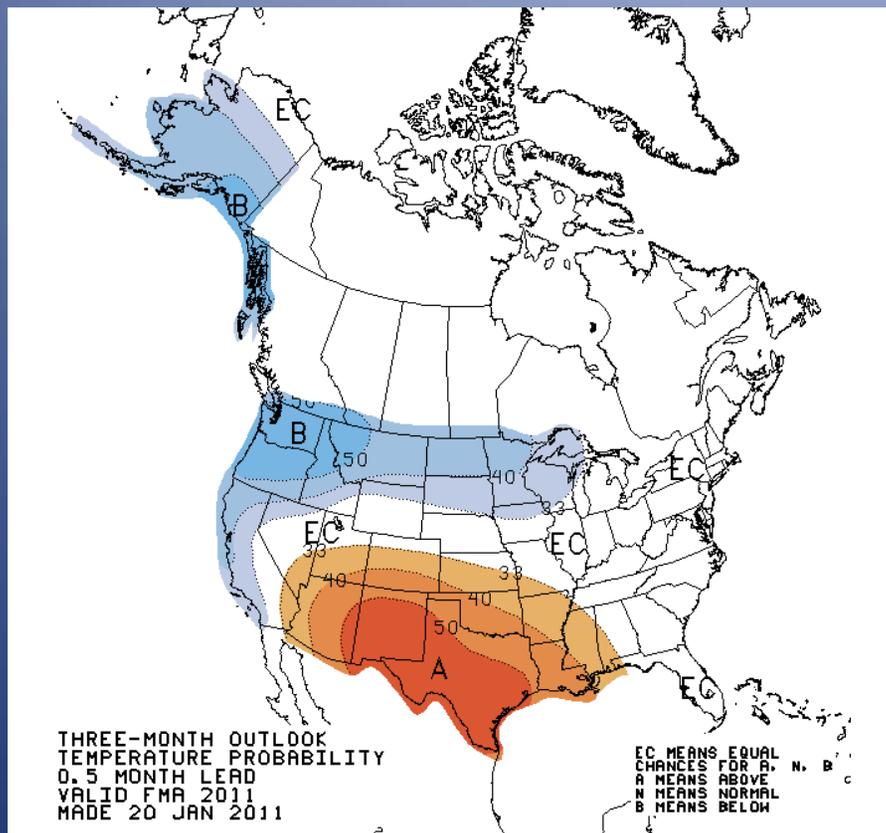


Paso Fino Fires

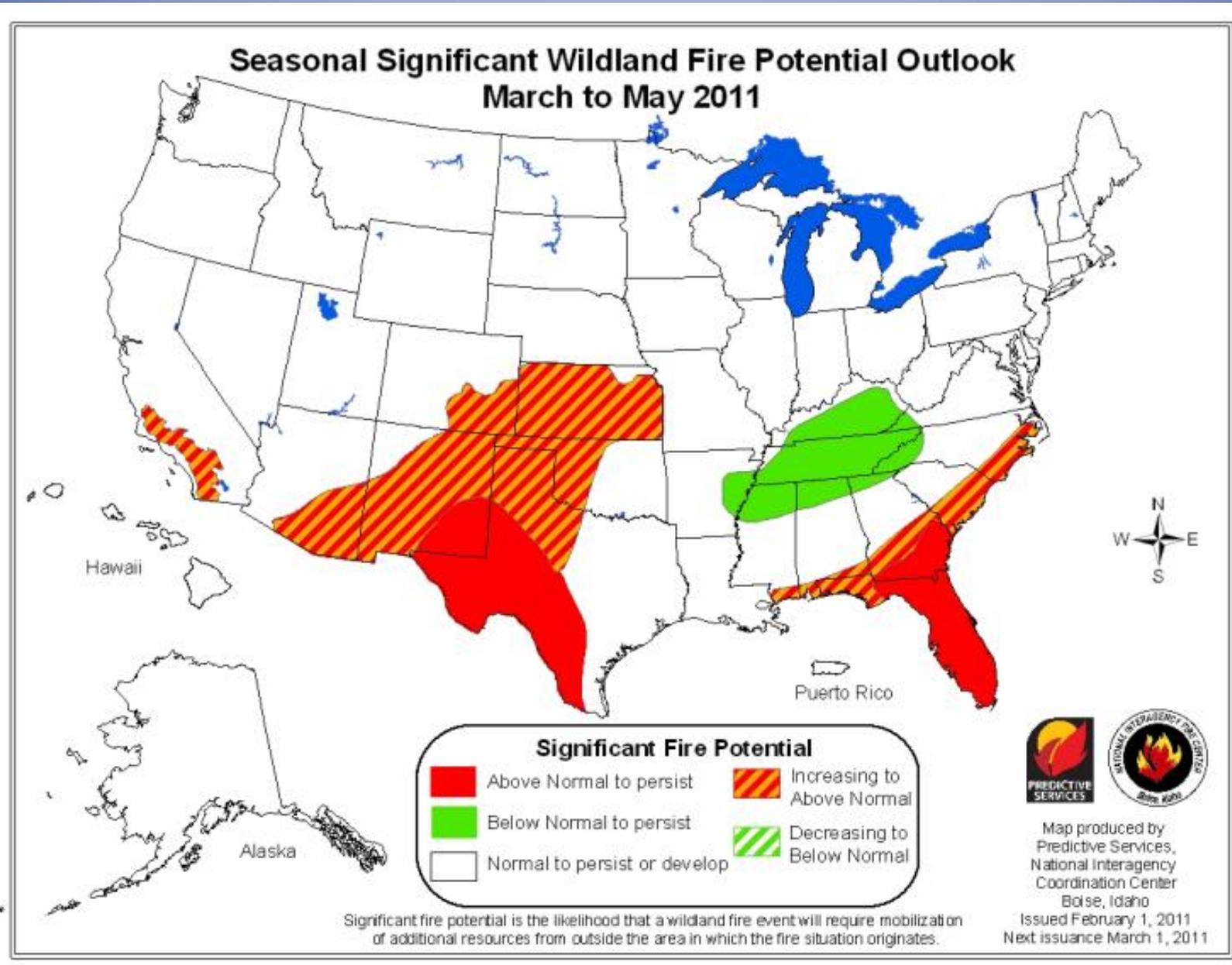
- 400 acres, 2 fires
- 40 homes threatened/saved
- 1 home destroyed
- 3 homes damaged
- 1 nursery damaged
- outbuildings destroyed
- numerous outbuilding, vehicles and boats destroyed
- Cause: ARSON!



Temperature and Rain Outlook: February - April



Seasonal Fire Outlook



Drought Monitor



U.S. Drought Monitor

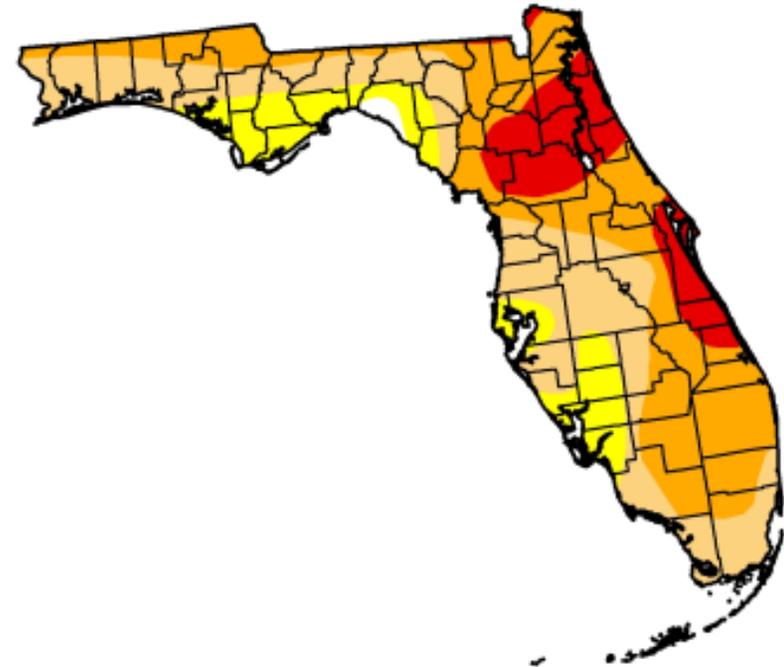
February 1, 2011

Valid 7 a.m. EST

Florida

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.87	99.13	84.98	50.76	13.71	0.00
Last Week (01/25/2011 map)	0.17	99.83	87.73	54.25	20.96	0.00
3 Months Ago (11/02/2010 map)	11.60	88.40	50.87	29.62	4.30	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 (01/26/2010 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, February 3, 2011
R. Heim/L. Love-Brotak, NCDC/NOAA

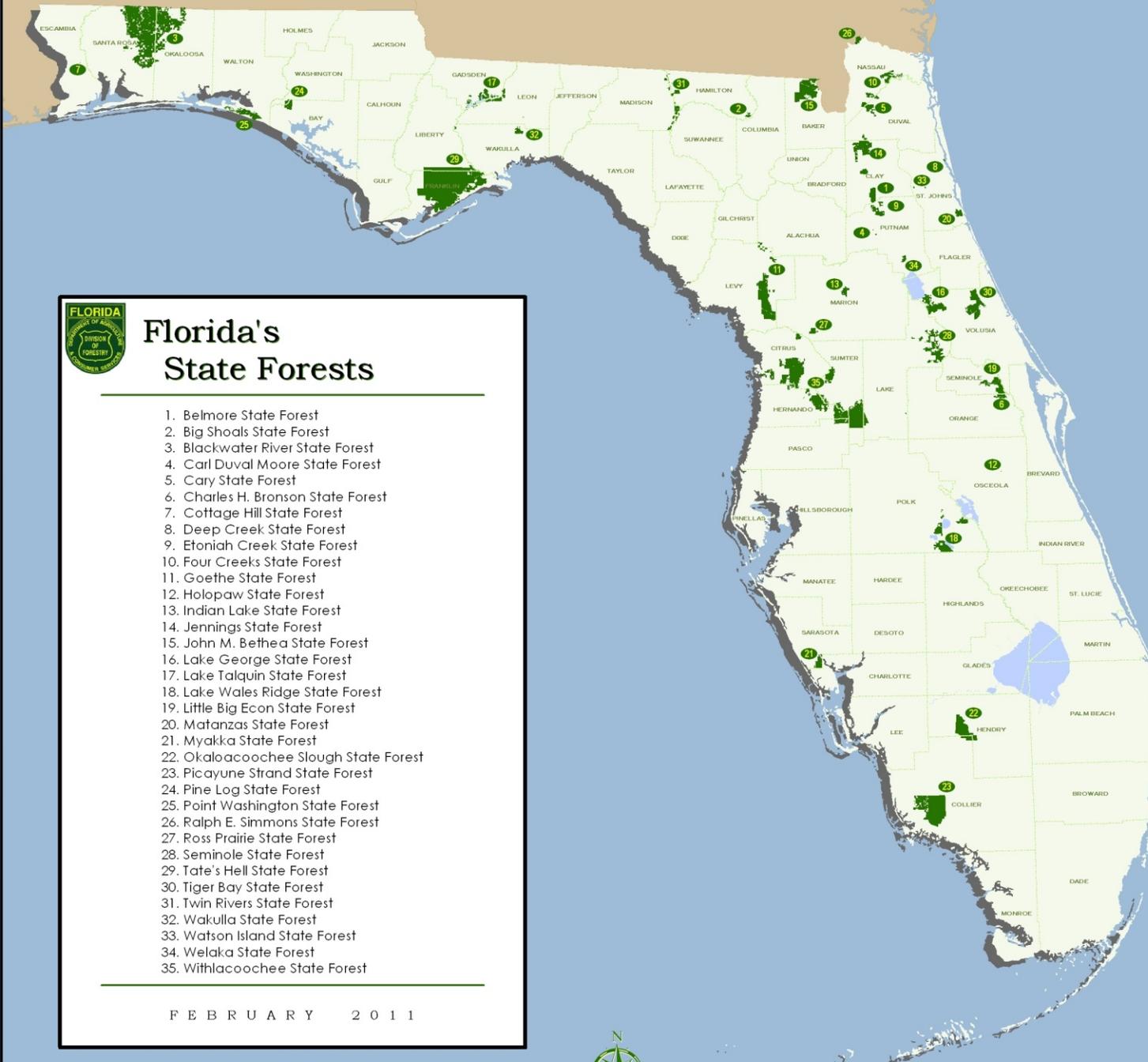
Forest Management in Florida



Florida's Forest Resources



- 16 million acres of commercial forests
- 61 percent is non-industrial, private landowners; 27 percent is public lands; and 12 percent is forest industry lands.
- \$16.6 billion industry in Florida providing more than 80,000 jobs.
- Florida forests, both public and private, provide clean air and water, and protect our soil and wildlife habitat for all Floridians.





Florida's State Forests

1. Belmore State Forest
2. Big Shoals State Forest
3. Blackwater River State Forest
4. Carl Duval Moore State Forest
5. Cary State Forest
6. Charles H. Bronson State Forest
7. Cottage Hill State Forest
8. Deep Creek State Forest
9. Etoniah Creek State Forest
10. Four Creeks State Forest
11. Goethe State Forest
12. Holopaw State Forest
13. Indian Lake State Forest
14. Jennings State Forest
15. John M. Bethea State Forest
16. Lake George State Forest
17. Lake Talquin State Forest
18. Lake Wales Ridge State Forest
19. Little Big Econ State Forest
20. Matanzas State Forest
21. Myakka State Forest
22. Okaloacoochee Slough State Forest
23. Picayune Strand State Forest
24. Pine Log State Forest
25. Point Washington State Forest
26. Ralph E. Simmons State Forest
27. Ross Prairie State Forest
28. Seminole State Forest
29. Tate's Hell State Forest
30. Tiger Bay State Forest
31. Twin Rivers State Forest
32. Wakulla State Forest
33. Watson Island State Forest
34. Welaka State Forest
35. Withlacoochee State Forest

F E B R U A R Y 2 0 1 1



Florida Department of Agriculture and Consumer Services
ADAM H. PUTNAM, Commissioner
Division of Forestry
James R. Karels, Director

Florida's State Forests

Our Working Forests

- 35 state forests
- 1.1 million acres of lands
- \$6,000,000 in timber and other forest products revenue
- More than \$1 million in recreation revenue
- 215,000 Florida state forest acres were prescribed burned in fiscal year 2009-10.
- 3,400 acres reforested in 2009-10; 61,000 acres during last 6 years



Florida State Forests

Our outdoor recreational paradise

- 1,274 miles of hiking, horseback riding, and off road vehicle trails
- 7,555 miles of state forest roads are maintained for public access.
- 978 campsites
- More than 96 percent of the land is open to public hunting



Contact Information:

Jim Karels

850.488.3022

James.Karels@freshfromflorida.com

Florida Department of Agriculture and Consumer Services

Adam H. Putnam, Commissioner



1-800-HELPFLA
www.FreshFromFlorida.com



Wildlife Impacts Associated with DeepWater Horizon Oil Spill



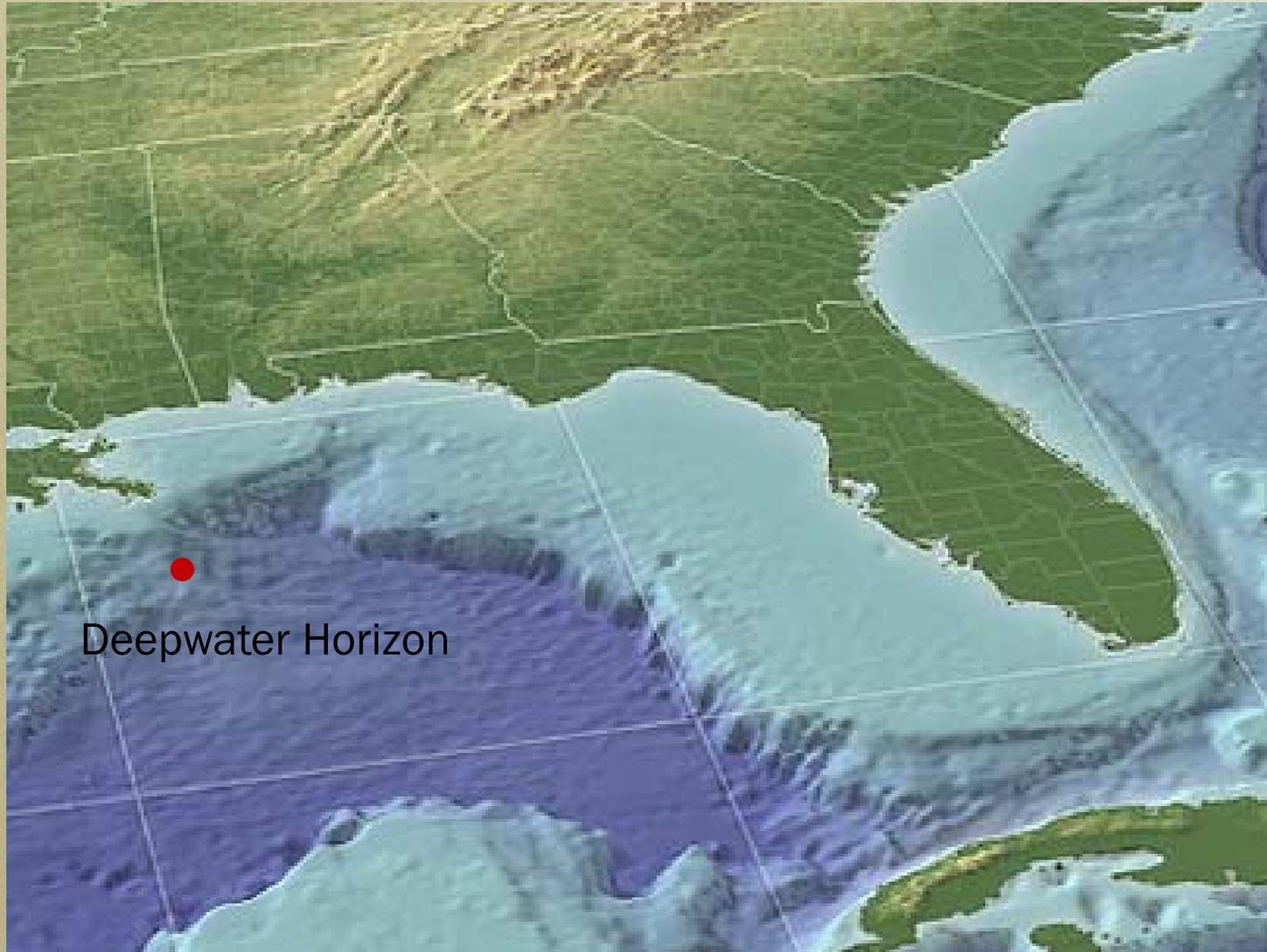
Nick Wiley
Executive Director
February, 2011

FWC Oil Spill Response Efforts

- Response Plan Implementation
- Command Center/EOC Support
- Law Enforcement support/reconnaissance
- Pre-impact sampling and assessment
- Response plans for oiled, injured, dead wildlife
- Natural Resource Damage Assessment (NRDA)



Location of Deepwater Horizon

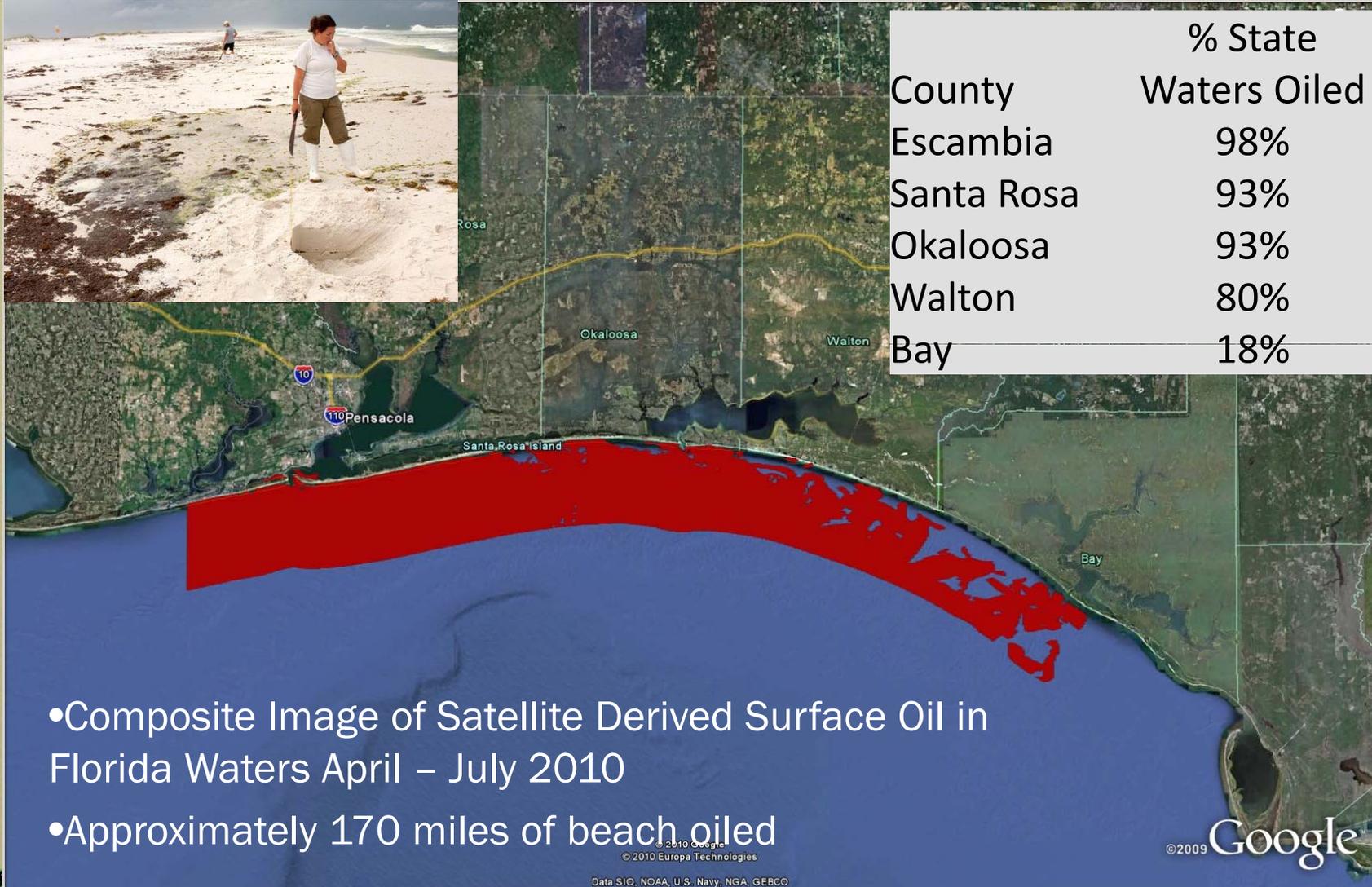


Oil and Dispersant: by the numbers

- 4.9 million barrels (or 206 million gallons) spilled
- Oil-water mix recovered: over 34.7 million gallons.
- Dispersant: more than 1.84 million gallons deployed (58% surface; 42% at depth)
- >1169 tons of oiled material removed from FL beaches

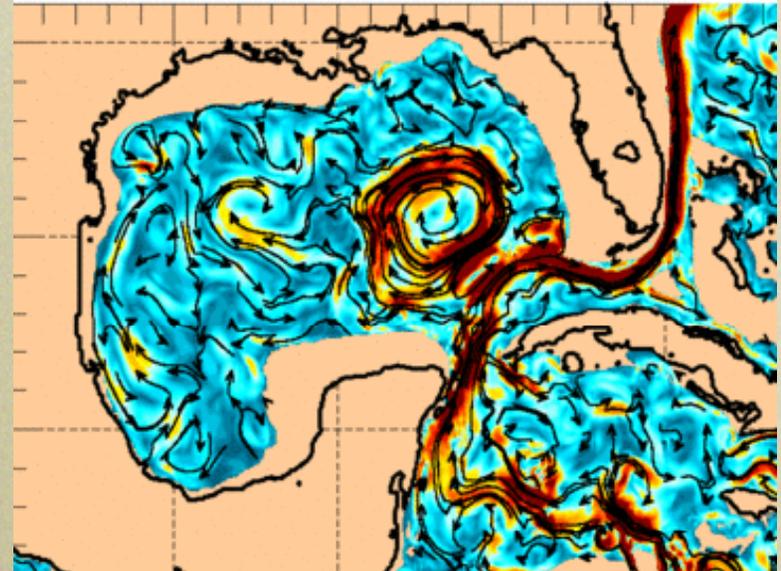


DWH Oil in Florida Waters



Factors Influencing FL Impacts

- Seasonality
- Loop current separation
- No hurricanes
- Unprecedented surface recovery effort
- FL experienced less direct resource impacts than other states



Oil Impacts on Wildlife

- Mode of exposure important (physical contact, ingestion, inhalation, absorption)
- Floating oil contaminates plankton, including algae, fish eggs and larvae
- Larger animals can acquire contaminants by feeding and building up in the food chain.
- Effective cleanup and long term monitoring is important because oil can persist in the environment and impact important habitats and fish and wildlife populations



Oiled Birds in Florida

- Total recovered dead and alive – 1207
 - Total recovered dead – 953
 - Total recovered alive – 254
 - 42 released
- Main species impacted
 - Northern gannets
 - Common loons
 - Pie-billed grebes



Beach Wrack and Wildlife

- Critical habitat for many bird species
- Tons of wrack removed in response effort
- FWC will continue to monitor



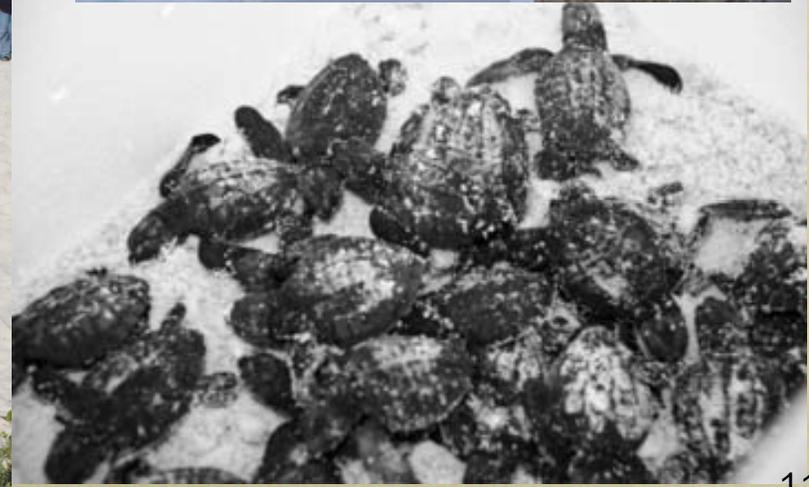
Oiled Sea Turtles in Florida

- Total recovered alive and dead – 86
 - Total recovered dead – 69
 - Total recovered alive – 17
 - 6 rehabilitated and released



Sea Turtle Nests Moved

262 nests relocated;
13,688 hatchlings
released

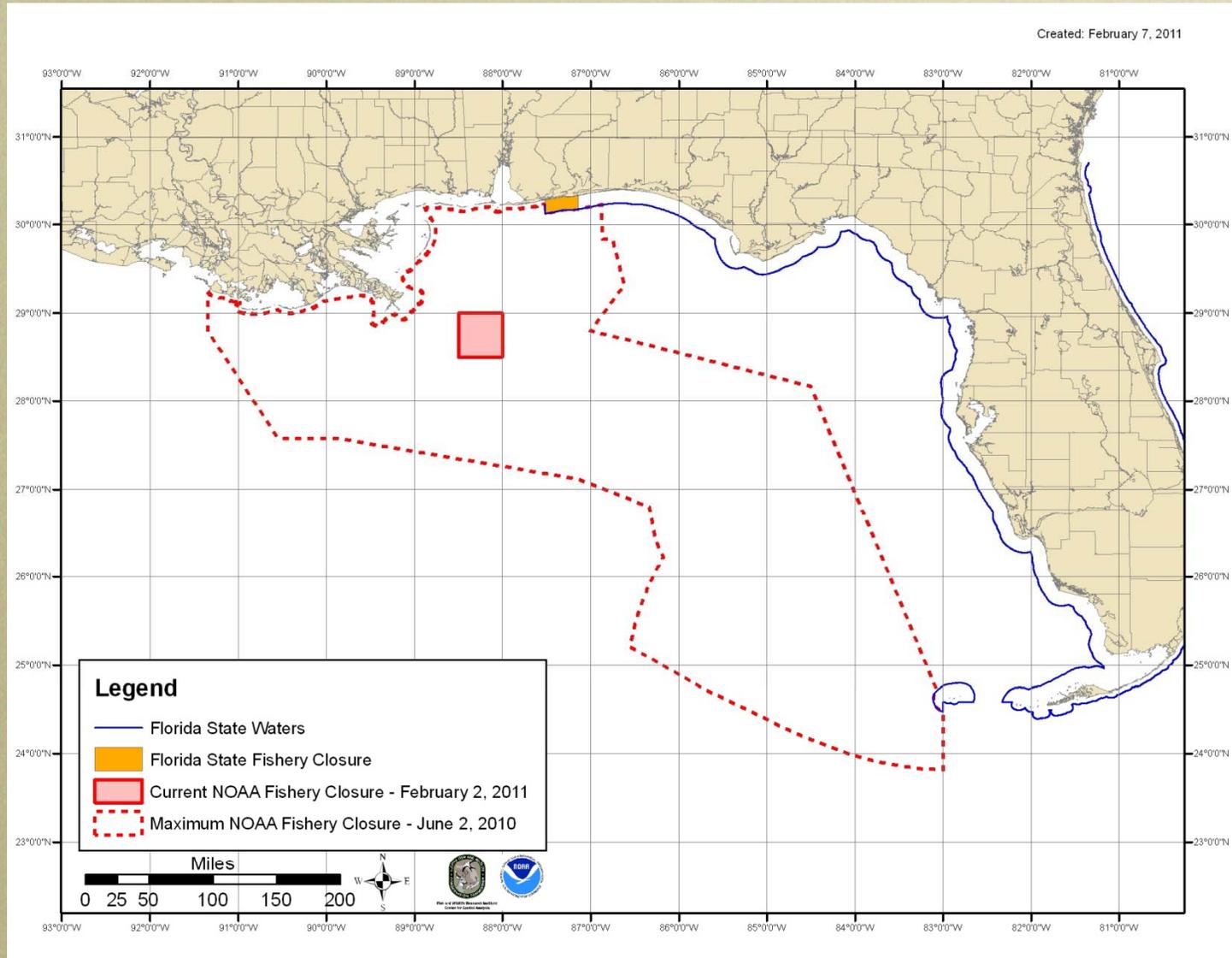


Marine Fisheries Impacts

- Fisheries in the Gulf of Mexico among the worlds most valuable.
- In general FL nearshore fisheries not directly affected.
- Shrimp, blue crab stocks expected to recover relatively quickly.
- Impacts on important offshore fish stocks still unclear – early life cycles may have been impacted
- Monitoring ongoing to detect impacts on fish stocks (FWC and federal efforts) as early as possible



State and Federal Fisheries Closures



Florida Seafood is Safe!

- DACS received \$10 million from BP for seafood testing over the next 3 years
- Sampling is focused at wholesale dealers and processors
- To date, all samples have passed safety testing

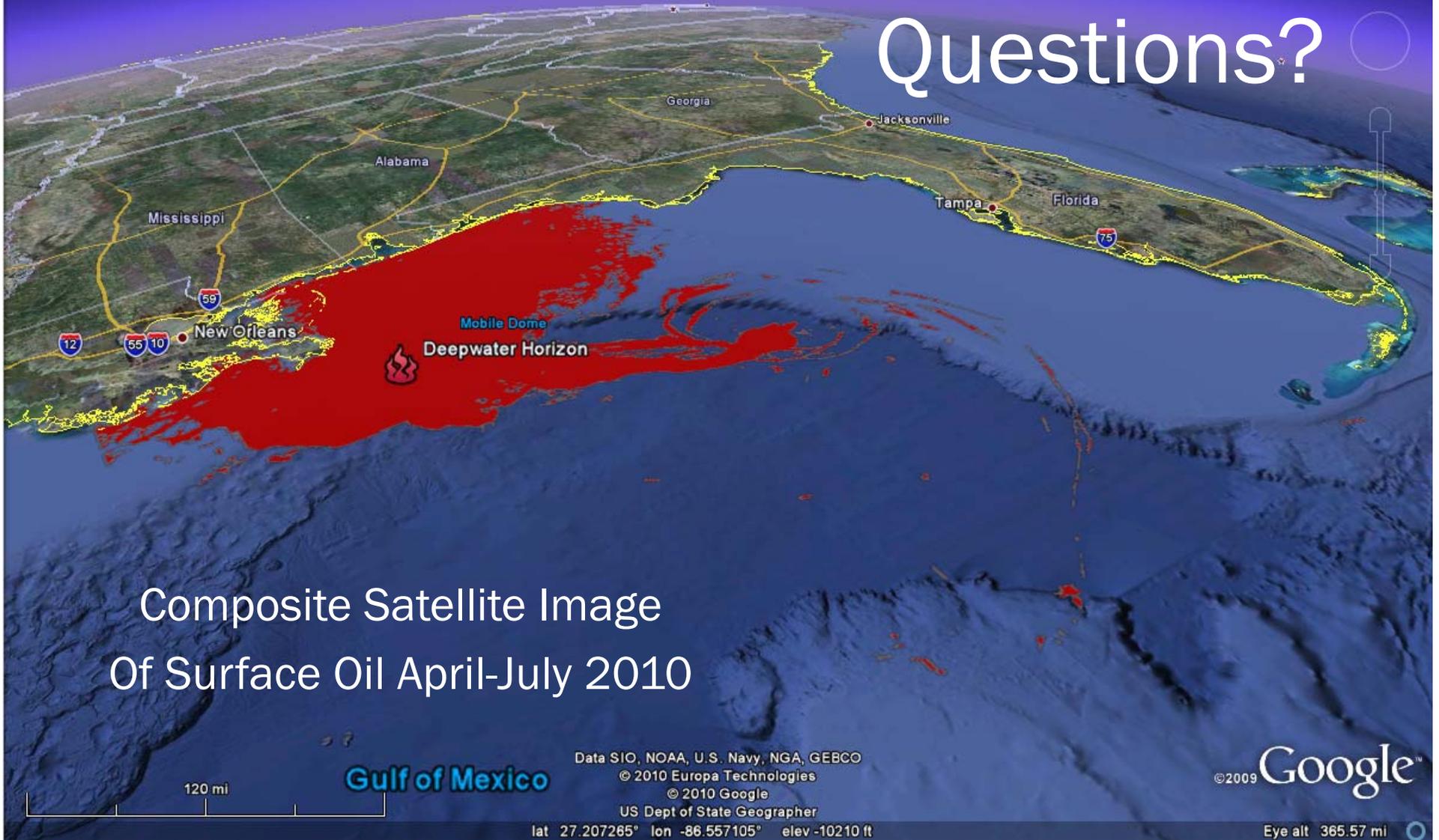


Human Use Impacts and NRDA

- Aerial surveys of beach use
- Counts and field surveys at boat ramps, piers, docks, shorelines.
- Models to estimate human use loss for beaches, recreational fishing and boating
- May result in funding for boat ramps, fishing piers, beach access, etc.



Questions?



Composite Satellite Image
Of Surface Oil April-July 2010

