



Florida Division of Emergency Management State Watch Office

Morning Situation Report

Friday, April 19, 2019



State Emergency Operations Center Activation Level

Level 3 Monitoring



SERT On-Call Personnel

Position	Personnel	Phone	Email
Operations Chief	Sam Walters	(850) 519-8638	Sam.Walters@em.myflorida.com
Watch Officer	Sam Walters	(850) 519-8638	Sam.Walters@em.myflorida.com
Duty Officer	Taylor Cheney	(850) 545-4047	Taylor.Cheney@em.myflorida.com
Operations Officer- Day	Kassidy Grant	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Swing	Chris Dorans	(850) 815-4001	SWP@em.myflorida.com
Operations Officer- Night	Jim Lawhon	(850) 815-4001	SWP@em.myflorida.com
Meteorologist	Cameron Young	(850) 688-2119	Cameron.Young@em.myflorida.com
Plans Chief	Ryan Lock	(850) 559-9884	Plans_Command@em.myflorida.com
Logistics Chief	Gene Buerkle	(850) 363-5427	gene.buerkle@em.myflorida.com
Human Services Director	Pam Hughes	(850) 528-5638	Pamela.Hughes@em.myflorida.com
Emergency Services Director	Kim Sharkey	(850) 528-8976	Kim.Sharkey@em.myflorida.com
Infrastructure Branch Director	Danny Kilcollins	(850) 519-8581	Danny.Kilcollins@em.myflorida.com
ESF 8 On-Call	Kenneth DeCastro	(850) 544-1697	Kenneth.DeCastro@flhealth.gov
Public Information Officer	Jason Mahon	(850) 294-2169	Jason.Mahon@em.myflorida.com
DEM Finance and Admin	Jessica Blake	(850) 284-8070	Jessica.Blake@em.myflorida.com



Regional Coordination Team

Team	County Location	Status / Activities
RC Manager: Jim Roberts	Leon / Gadsden	Weather Monitoring (AM) / Off & Monitoring (PM)
Region 1: Wanda Stafford	Holmes	Weather Monitoring / MYTEP Prep
Region 2: Brian Bradshaw	Leon	Weather Monitoring
Region 3: Gina Lambert	Lake	Weather Monitoring
Region 4: Paul Siddall	In Region	Weather Monitoring
Region 5: Claudia Baker	Seminole	Weather Monitoring
Region 6: Jodie Fiske	Lee	ESF 11/17 Mtg / Special Needs Evac Meeting
Region 7: Willie Bouie	Palm Beach	Weather Monitoring

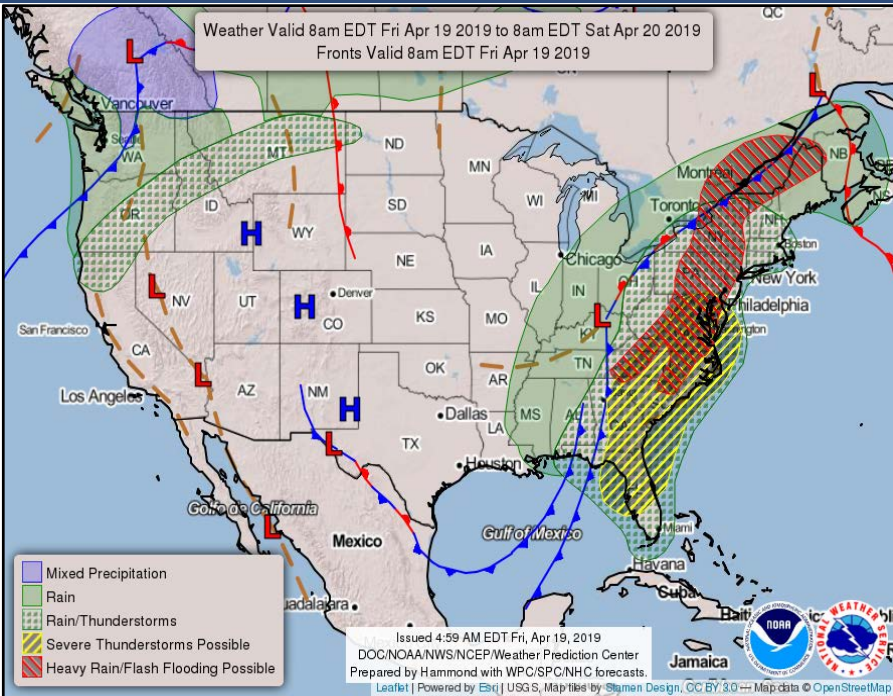


RC Status

Normal Operations
Delayed Response
Out of Service / Unavailable

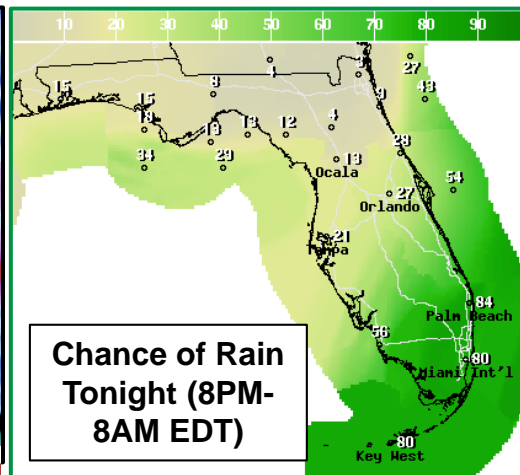
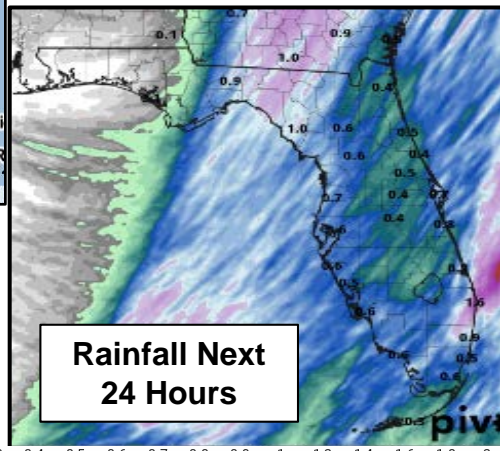


Meteorology Summary



Today's Weather Map

Threat	R1	R2	R3	R4	R5	R6	R7
Lightning	L	H	H	H	H	H	H
Flooding		L	L				
Damaging Wind		M	M	M	L	L	L
Hail							
Tornado		L	L	L			
Excessive Heat							
Fire	L	L	M	M	M	M	M
Fog							
Rip Currents	H	H	H	H	L	H	H
Space Weather	Very Low						
Lake Okeechobee Status:	Elevation is at 11.54 ft						
Keetch-Byram Drought Index:	316 (+11) on a scale from 0 (very moist) to 800 (very dry)						





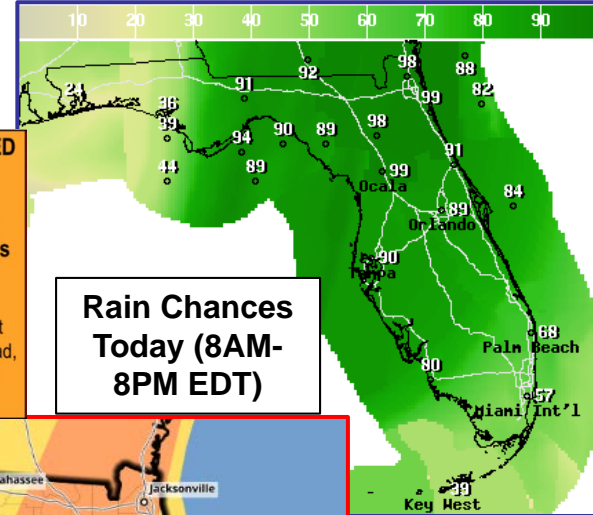
Meteorology Summary

Statewide Overview, Next 24 Hours:

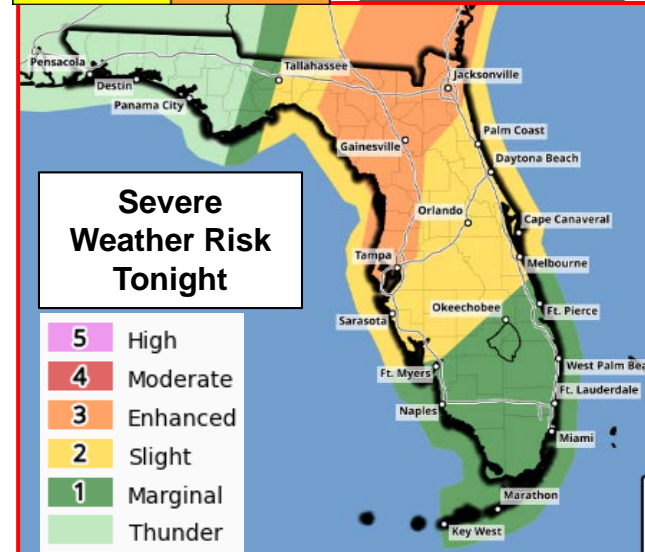
A strong cold front will move through the state today. Along the cold front, strong to severe thunderstorms are likely, mainly west of Tallahassee. Damaging wind gusts are the main threat with the storms. There is the possibility of embedded isolated tornadoes within the line. If isolated storms form ahead of the line, they could also become strong to severe with isolated tornadoes and damaging winds. The Storm Prediction Center has outlined areas from Taylor and Madison Counties eastward to Jacksonville and south to Tampa in an **Enhanced Risk of severe weather** (level 3 of 5), Central Florida in a **Slight Risk** (level 2 of 5), and South Florida in a **Marginal Risk** (level 1 of 5). The storms will move through the Big Bend this morning, Northeast Florida and the Nature Coast late this morning into the afternoon, Central Florida this afternoon into early evening, and South Florida this evening into tonight. Some locally heavy rainfall will be possible in the stronger thunderstorms as well, which could lead to minor flooding of low-lying, poor drainage, or urban areas. Windy conditions are possible outside of the storms—sustained 15-25 mph with gusts of 30-40 mph possible. Wind Advisories are in effect for much of the state. The severe weather risk continues for the rest of the state tomorrow.

Cooler air will move in behind the front and winds will shift out of the northwest. Lows tonight in North Florida will be in the upper 40s to lower 50s with middle 50s to lower 60s in Central Florida. South Florida will still be slightly mild with temperatures settling in the middle 60s to lower 70s. Storms will move offshore of South Florida late tonight.

2 - SLIGHT (SLGT) Scattered severe storms possible Short-lived and/or not widespread, isolated intense storms possible	3 - ENHANCED (ENH) Numerous severe storms possible More persistent and/or widespread, a few intense
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Rain Chances Today (8AM-8PM EDT)



Severe Weather Risk Tonight

5	High
4	Moderate
3	Enhanced
2	Slight
1	Marginal
Thunder	Thunder

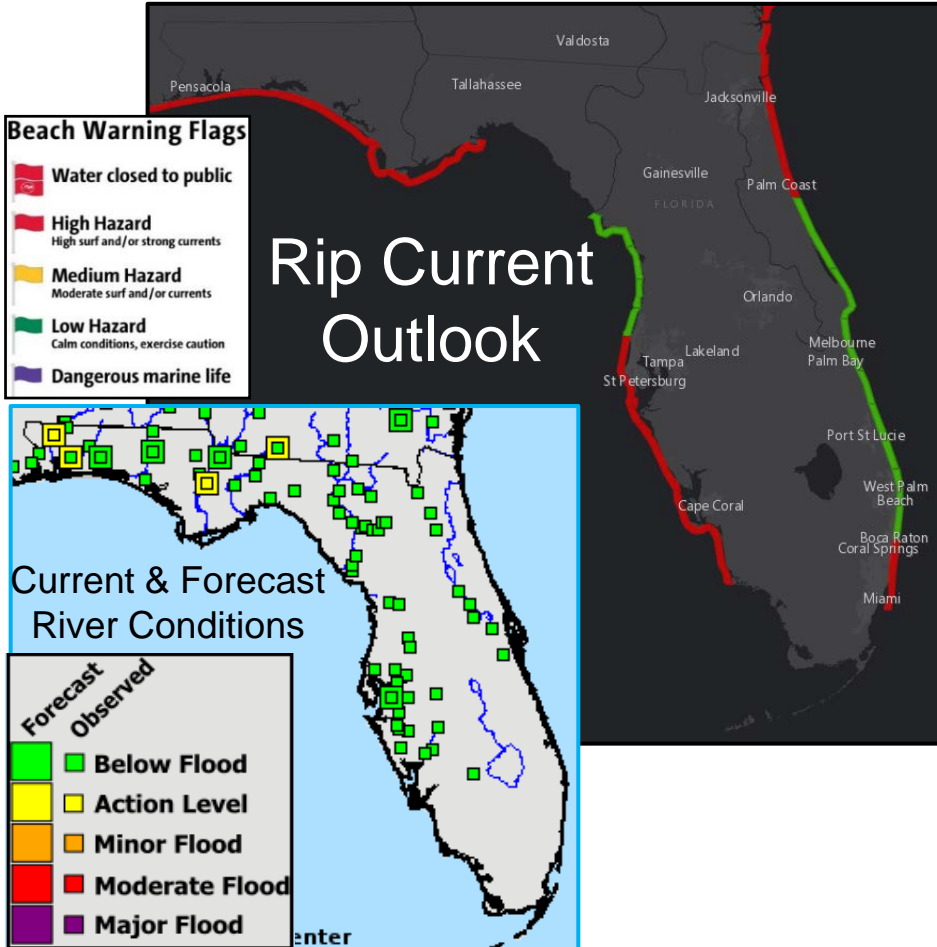


Coastal Hazards & Hydrology

Rip Currents: Strong southerly winds will become west to northwest behind the front this afternoon in the Panhandle. This combined with waves of 5-9' will result in a **high rip current risk**. A **High Surf Advisory** is in effect from Escambia through Gulf Counties in the Panhandle and from Pinellas through Lee Counties. A **high rip current risk** is also expected along many West Coast, Northeast Florida, and Southeast Florida beaches. *Remember, always swim within sight of a lifeguard. Never swim alone. Rip currents can still occur on low risk days!*

Lake Okeechobee average elevation is 11.54 feet, which is 2.38 feet below normal for this time of year. The top of the water shortage management level is 11.25 feet. With ongoing releases and , lake levels will continue to slowly fall.

Hydrology & Flooding: All Florida rivers and creeks are below flood stage. A few rivers in North Florida are in or rising to action stage. Rainfall today may cause some additional rivers to rise into action stage, but no rivers are expected to reach minor flood stage. Widespread rainfall totals of around 1" are expected in the Big Bend and Peninsula with locally higher totals of 2-3" which may result in localized flash flooding in urban areas. In addition, tides will be running 2-4' above normal in the Big Bend and West Coast today and may result in **minor coastal flooding** at high tide this afternoon. **Coastal Flood Warnings** are in effect from Taylor County to Citrus County. **Coastal Flood Advisories** are in effect from Franklin County to Jefferson County. **Coastal Flood Statements** are in effect for much of the West Coast. For more information on specific rivers, please visit the Southeast River Forecast Center [here](#).

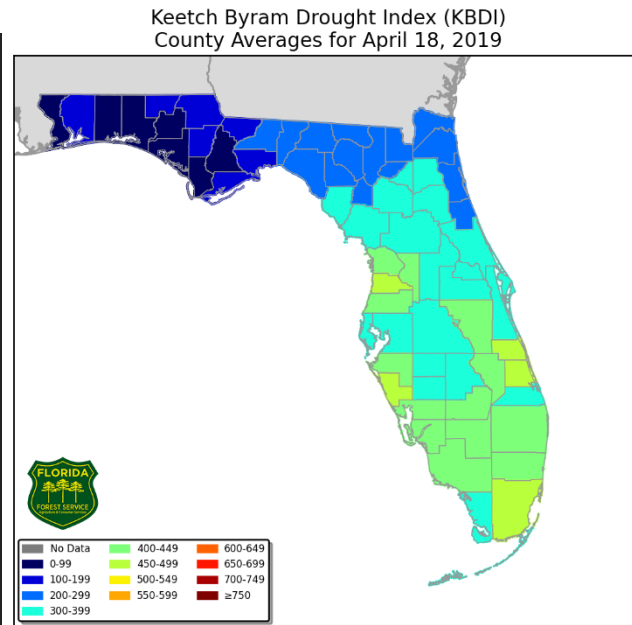
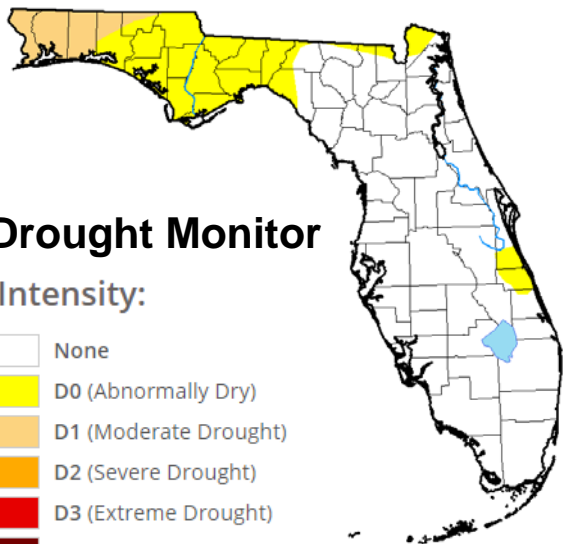




Drought & Fire Weather

Fire Weather: Windy conditions are expected across the state—sustained at 15-25 mph with gusts to 30-40 mph, even outside of storms. However, relative humidity will remain above critical levels. Soil moisture remains high in the Panhandle due to last night's rain but continues to decrease in the Peninsula. With rain moving across the Panhandle early in the day, the risk there is low. But, since it will take longer for the rain to arrive in the Peninsula, the wildfire threat will remain **moderate**. A few localized areas may see a higher threat. Downed trees from Hurricane Michael pose a fuel hazard. There are currently 20 [active wildfires](#) across the state. A [County Burn Ban](#) remains in effect for the 5 counties that are in effect year-round.

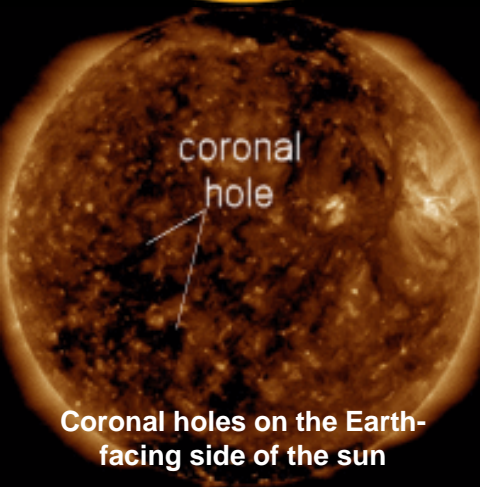
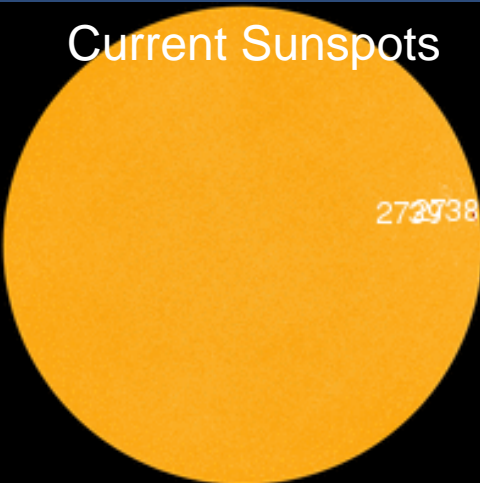
The Keetch-Byram Drought Index average for Florida is 316 (+11) on a scale from 0 (very moist) to 800 (very dry). There are **zero** Florida counties with a KBDI above 500.



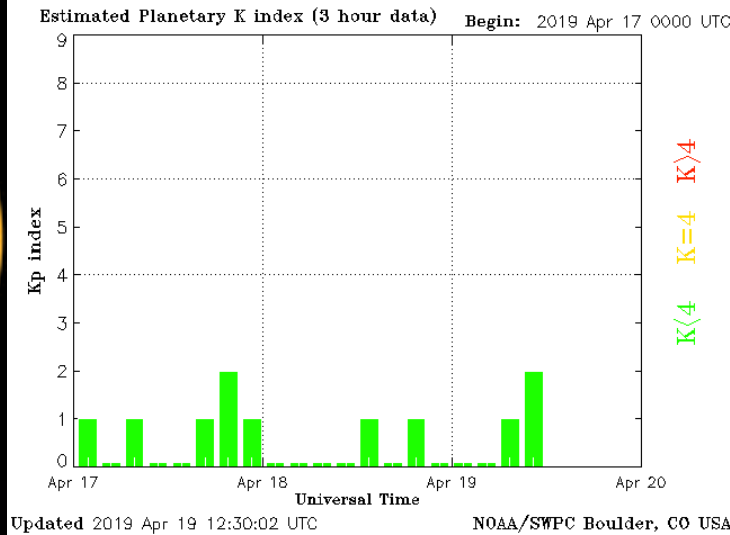


Space Weather

Current Sunspots



Coronal holes on the Earth-facing side of the sun



Solar Flare Risk	Active Watches & Warnings	Past 24 hours
M-class: 1%	Geomagnetic Storm: No	B1 Solar Flare
X-class: 1%	Radiation Storm: No	No Radio Blackouts

48 Hour Geomagnetic Forecast	
4/19	4/20
Max Kp= 2 (G0)	Max Kp= 2 (G0)
Chance of minor activity = 5% severe activity = 1%	Chance of minor activity = 5% severe activity = 1%

Space Weather: Sunspot #2738 and newly formed #2739 continue to transit the visible solar disk, but the risk of a significant solar flare remains near zero. Solar winds are forecast to remain light in the short term, and geomagnetic storming is not forecast. Solar winds may increase early next week due to emission from the labeled coronal hole. The space weather threat for Florida remains very low.



SWO Communications Systems & Contact Information

Equipment	Contact	Status	Comments
Phone:	800-320-0519 or 850-815-4001	Operational	
Fax:	850-815-4979	Operational	
Email:	SWP@em.myflorida.com	Operational	
SWO Tracker:	https://apps.floridadisaster.org/SWO/	Operational	
SLERS:	DEM Statewide	Operational	
NAWAS:	State Watch Office	Operational	
EMnet Message:	FL.000- State Watch Office	Operational	
EMnet Voice:	FL SWP- State Watch Office	Operational	
State EAS:	LP.1 Stations via Emnet	Operational	
FL Interoperable Network:	SOFEOC	Operational	
Satellite Phone:	888-890-5178 or 480-263-8838	Operational	
Website:	http://www.floridadisaster.org	Operational	
WebEOC:	https://eoc.floridadisaster.org/eoc7/	Operational	

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