

The Disaster Center is dedicated to the idea that disaster mitigation is cost effective and individuals pursuing their own interest are the greatest potential force for disaster reduction.

Please consider making a small donation to the Disaster Center



When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



FEMA

Daily Operations Briefing

Thursday, August 16, 2018
8:30 a.m. EDT

Significant Activity – Aug 15-16



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Significant Events: Western Wildfires

Tropical Activity:

- Atlantic – Subtropical Storm Ernesto; Disturbance 1: Low (20%)
- Eastern Pacific – Tropical Storm Lane
- Central Pacific – No tropical cyclones expected during the next 5 days
- Western Pacific – Tropical Storm 22W (Soulik)

Significant Weather:

- Severe thunderstorms possible – Southern/Central Plains to Middle Mississippi Valley
- Flash flooding possible – Southern Plains to Tennessee Valley; Ohio Valley to Great Lakes
- Elevated fire weather – OR & WA
- Isolated dry thunderstorms – Central Great Basin to Northern Intermountain and Northern Rockies
- Red Flag Warnings – CA, NV & OR

Declaration Activity: None

Wildfire Summary



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Fire Name (County)	FMAG Number	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (3)								
Carr (Shasta/Trinity) FINAL	4382-DR-CA	214,527 (+3,508)	69% (+4%)	Lifted	0	282 (193 homes)	1,599 (1,077 homes)	7 / 1
Mendocino Complex (Mendocino/Lake)	5262-FM-CA	364,145 (+9,235)	67% (+3)	Mandatory 1,445 (-28,543)	1,025 (1,000 homes)	36 (13 homes)	265 (147 homes)	1 / 2
Holy Fire (Riverside) FINAL	5268-FM-CA	22,986	78% (+13%)	Lifted	875 (-335) (775 homes)	18 (10 homes)	24 (18 homes)	0 / 8 (+1)
Washington (2)								
Cougar Creek (Chelan)	5270-FM-WA	31,608	35% (+25%)	Mandatory 304 (-401)	300 homes	0	0	0 / 3 (+1)
Boyds (Ferry)	5273-FM-WA	3,000 (+50)	18% (+18)	Mandatory 164	381 (380 homes)	0	4 (3 homes)	0 / 1

Tropical Outlook – Atlantic

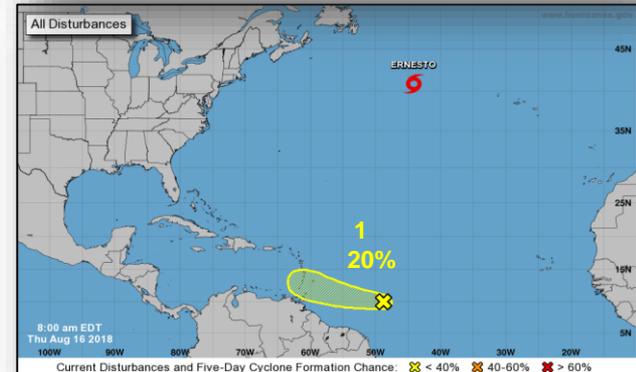
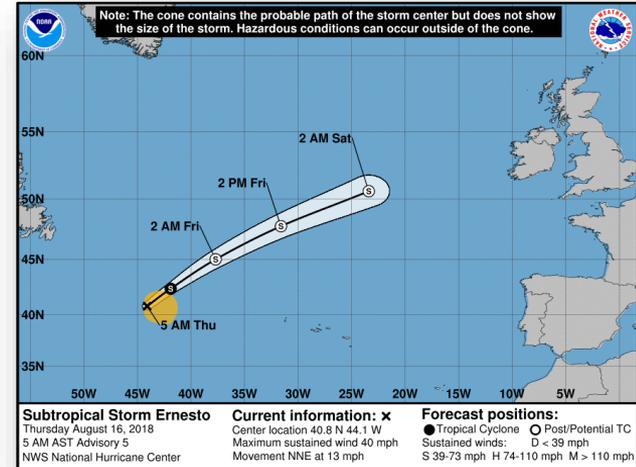


Subtropical Storm Ernesto (Advisory #5 as of 5:00 a.m. EDT)

- Located 605 miles SE of Cape Race, Newfoundland
- Moving NNE at 13mph
- Maximum sustained winds 40 mph
- Expected to become post-tropical cyclone tonight or early Friday

Disturbance 1 (as of 8:00 a.m. EDT)

- Located 750 miles ESE of Windward Islands
- Moving WNW at 15-20 mph
- Gradual development is possible over next 48-72 hours
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)

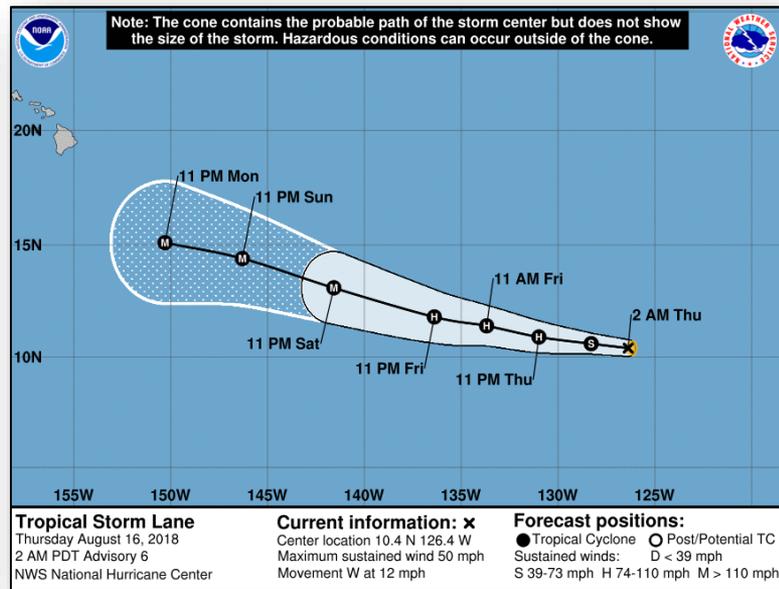


Tropical Outlook – Eastern Pacific

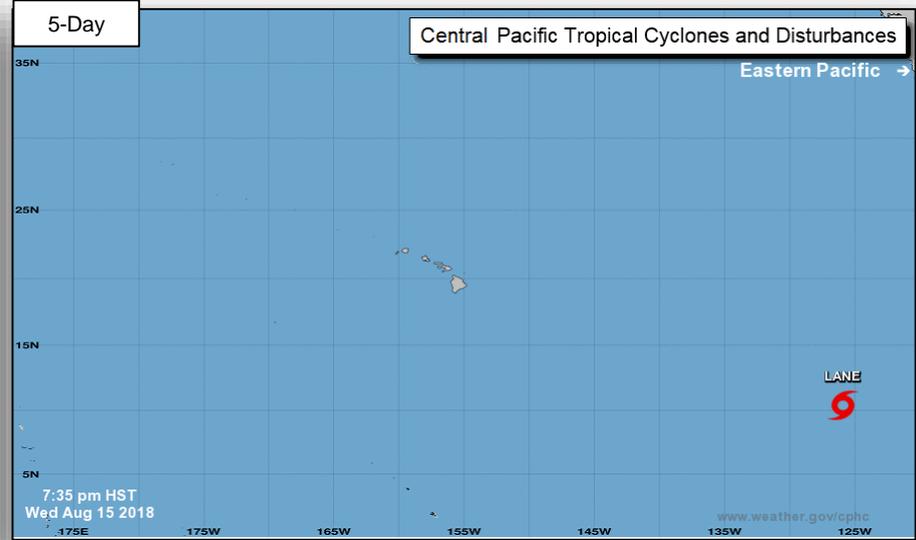
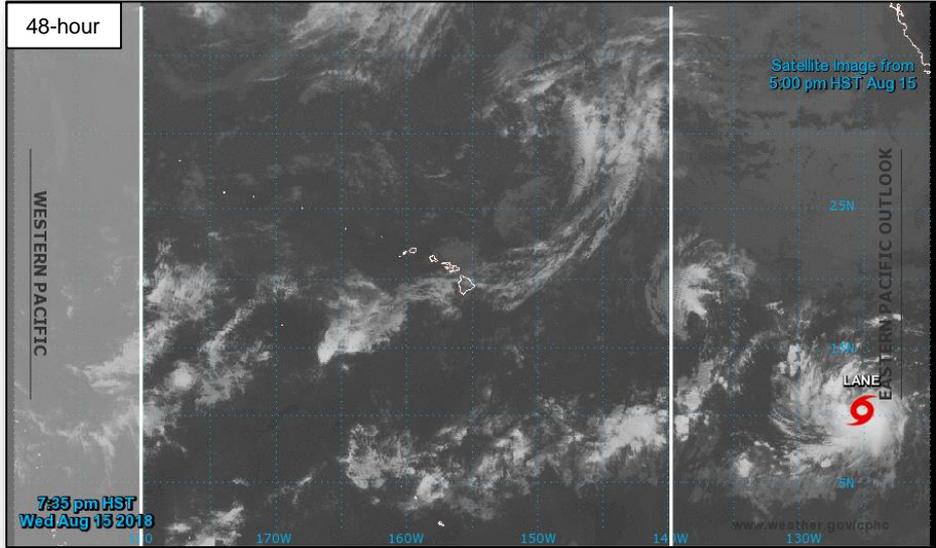


Tropical Storm Lane (Advisory #6 as of 5:00 a.m. EDT)

- Located 1,390 miles SW of the southern tip of Baja California peninsula
- Moving W at 12mph
- Maximum sustained winds 50 mph
- Forecast to become a hurricane today, major hurricane by Saturday
- Tropical storm force winds to 35 miles



Tropical Outlook – Central Pacific

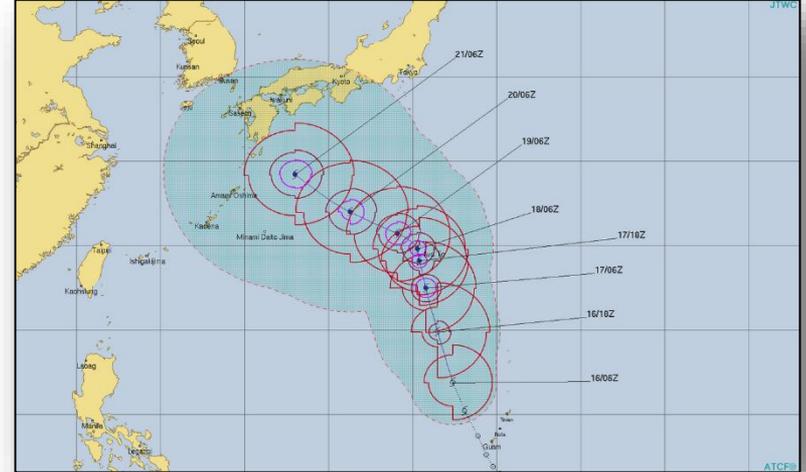


Tropical Outlook – Western Pacific

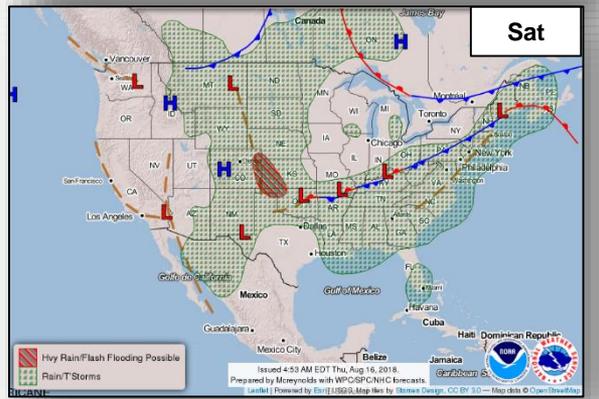
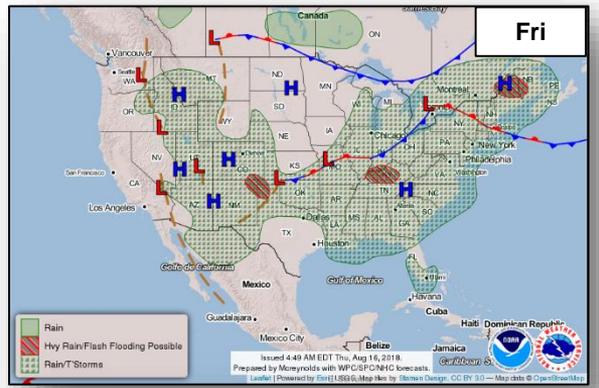
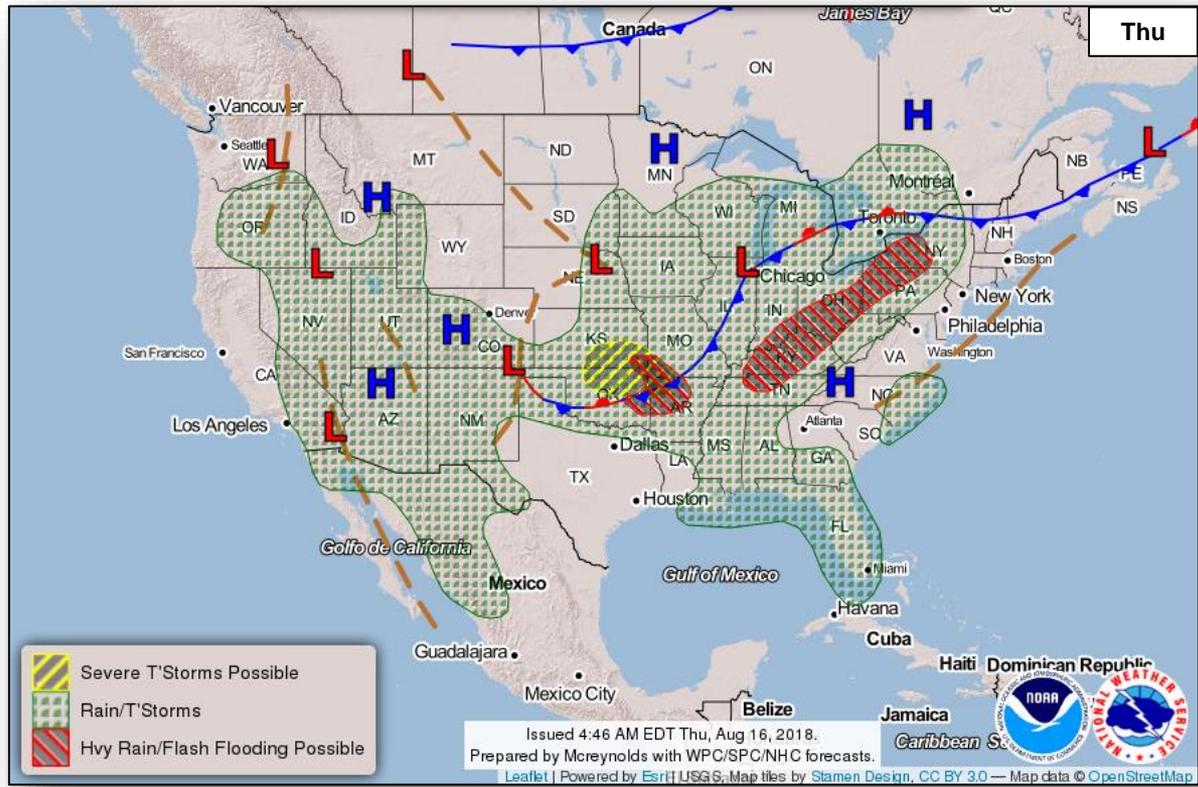


Tropical Storm 22W (Soulik) (Advisory #4 as of 5:00 a.m. EDT)

- Located 282 miles NW of Andersen AFB, Guam
- Moving NNW at 20 mph
- Maximum sustained winds 21mph
- Has passed Guam and Saipan and is heading to the northern Pacific
- Swells from TS 22W (Soulik) in combination with local wind waves will produce hazardous surf on Guam – High Surf Advisory in effect



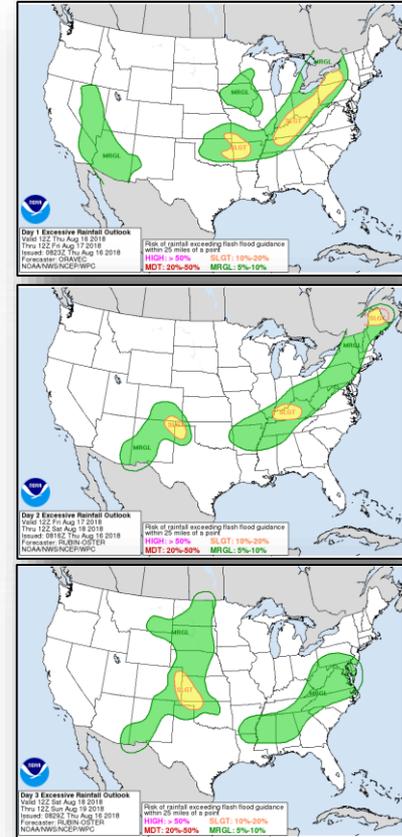
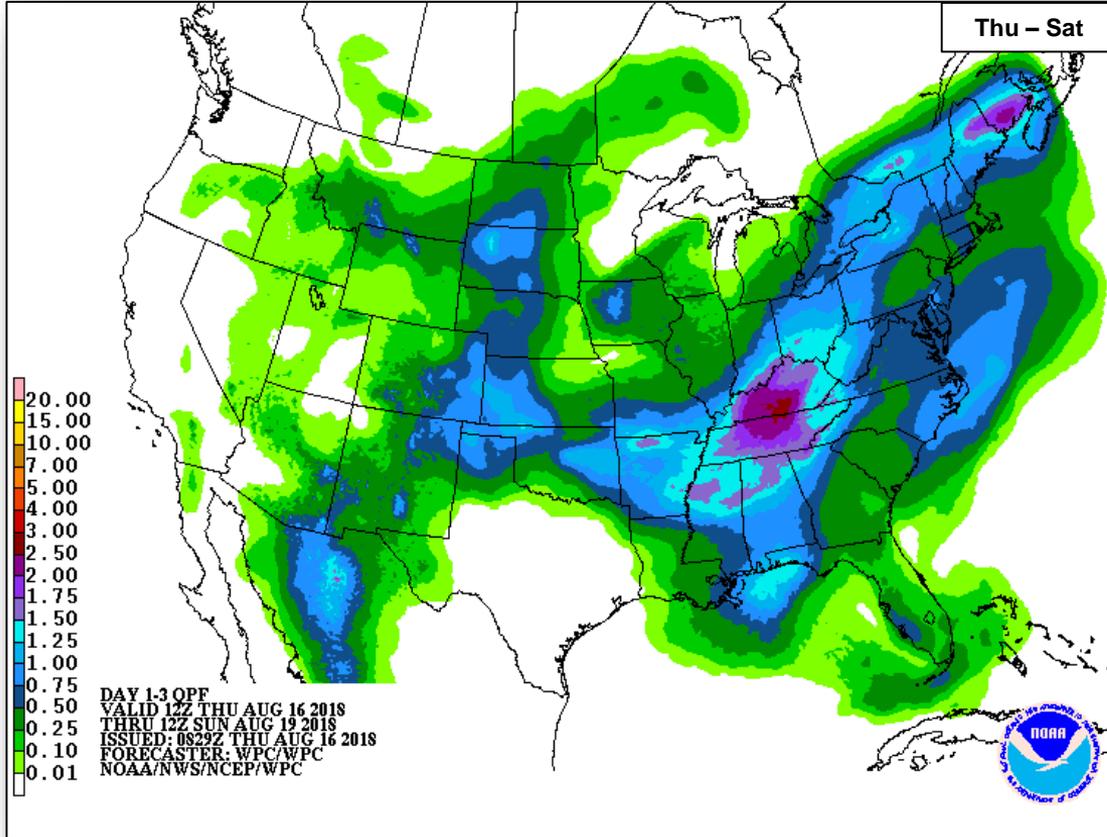
National Weather Forecast



Precipitation / Excessive Rainfall Forecast



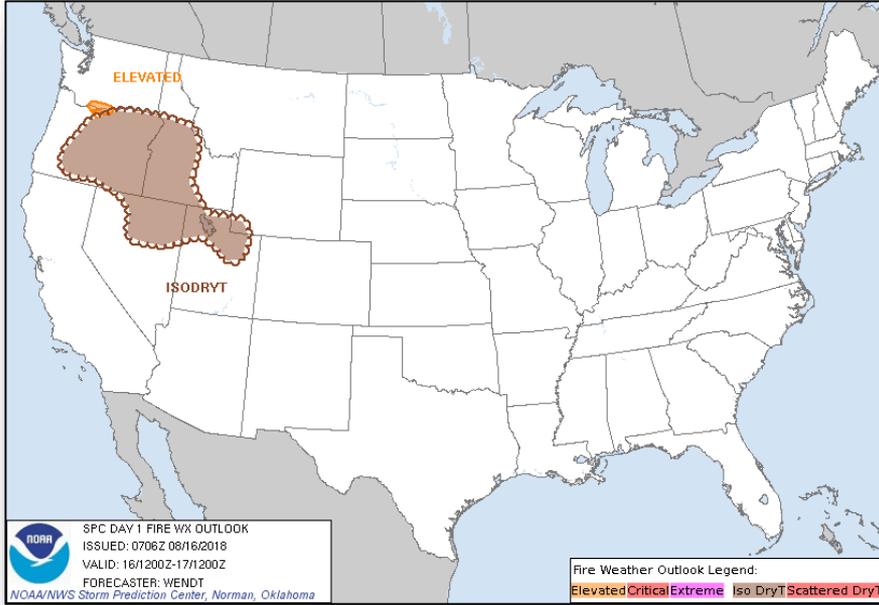
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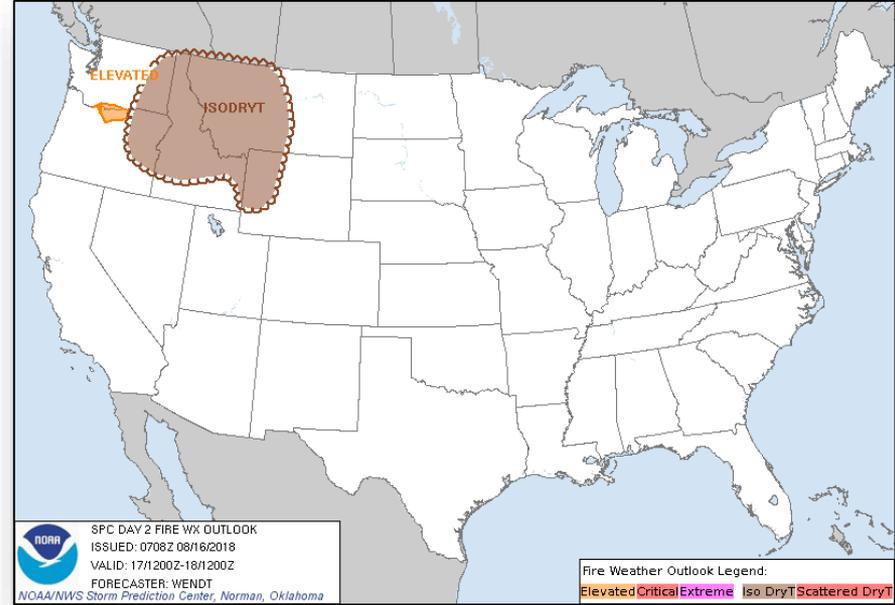
Fire Weather Outlook



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Thursday

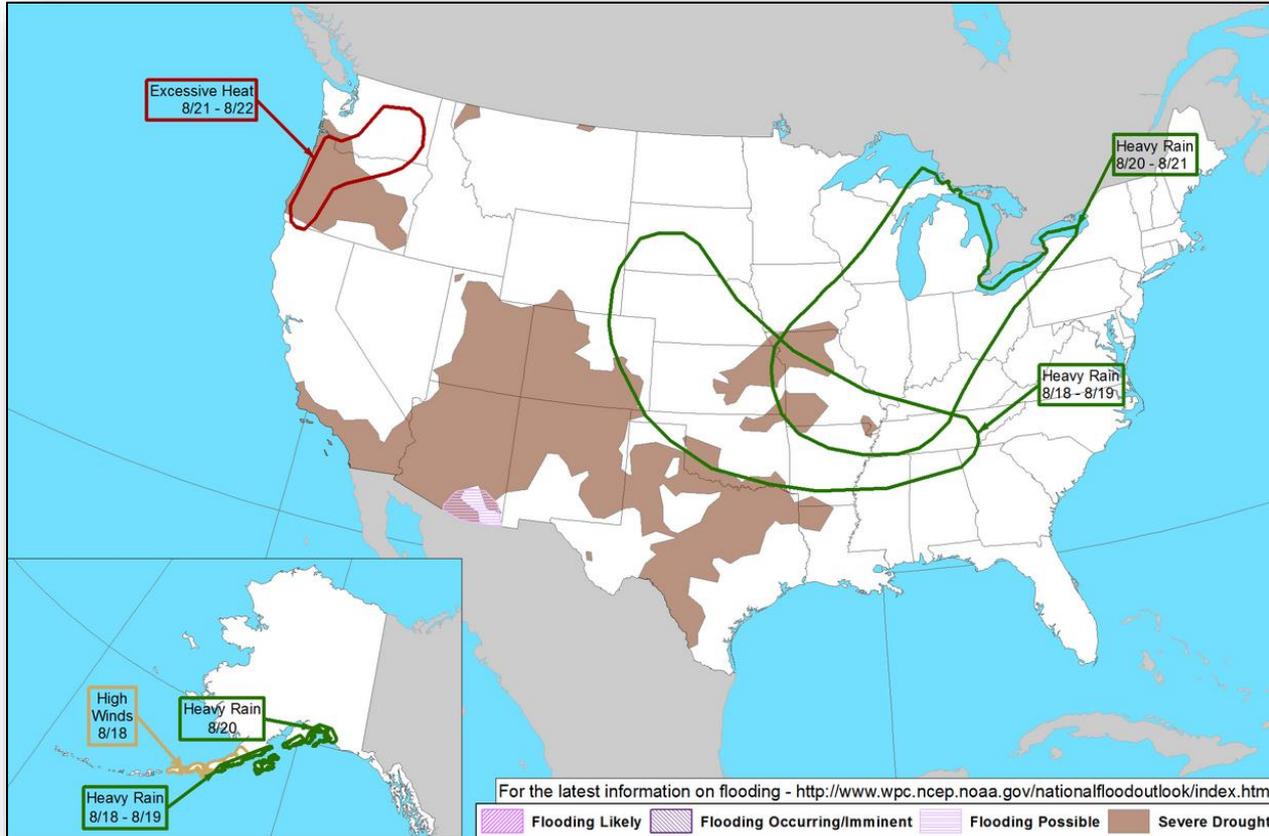


Friday

Hazards Outlook – Aug 18-22



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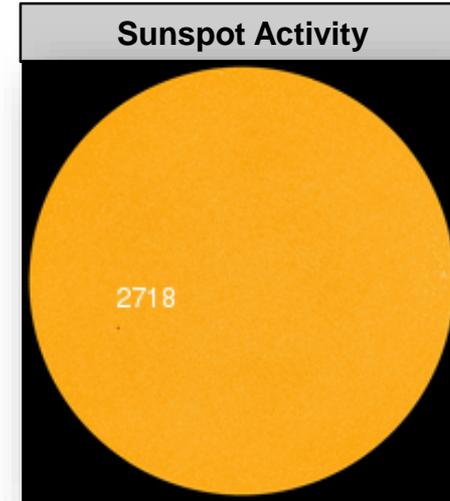
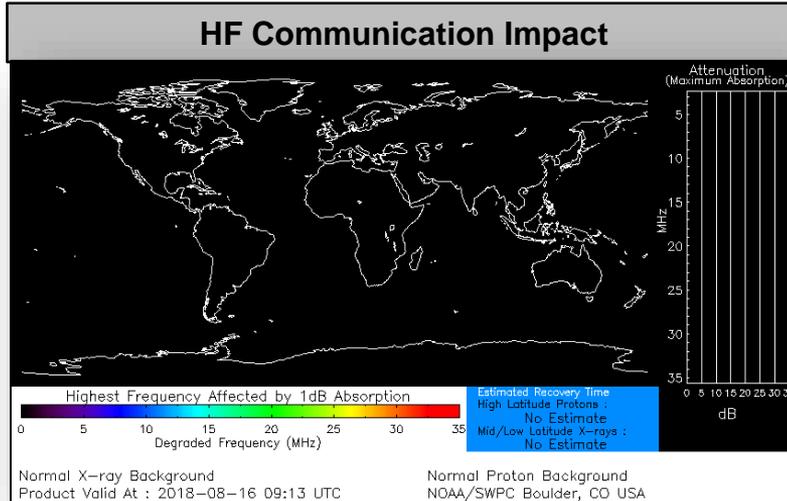
Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	None	None	None	None

For further information on NOAA Space Weather Scales refer to: <http://www.swpc.noaa.gov/noaa-scales-explanation>



Summer 2018 Red Tide Event



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Situation

An unusually persistent harmful algal bloom (red tide) is currently affecting portions of the southwest coast of Florida.

Background

Harmful algal blooms occur nearly every summer along the nation's coasts (typically between August and December). Often, the blooms turn the water a deep red that can be seen from space. While many people call all such events "red tides," scientists prefer the term harmful algal bloom or HAB. A red tide or HAB results from the rapid growth of microscopic algae.

Impacts

- The Florida red tide organism, produces potent neurotoxins and cause other animals to die
- Wave action near beaches can release the toxins into the air, leading to respiratory irritation
- The red tide toxins can also accumulate in molluscan filter-feeders such as oysters and clams, which can lead to non-fatal Neurotoxic Shellfish Poisoning (NSP) in people who consume contaminated shellfish

Analysis

- If and when the current bloom will end remains an open-ended question. Red tides can last as little as a few weeks or longer than a year. They can even subside and reoccur.
- While the timing, duration, and size of this red tide are unusual, red tides are not new to the Gulf Coast. Red tides were documented in the records of Spanish explorers.

Original NOAA article ([LINK](#)) with additional resources and links.



Gulf of Mexico Harmful Algal Bloom Bulletin

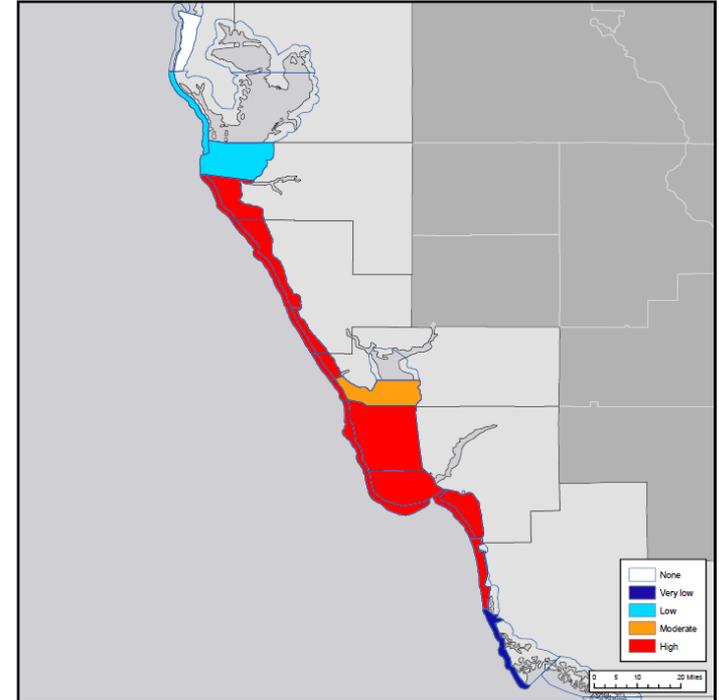
Monday, August 13, 2018

NOAA National Ocean Service

NOAA Satellite and Information Service

NOAA National Weather Service

Instructions for viewing this geospatial pdf are available at: <https://go.usa.gov/xn9g2>.



Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA / PA	Number of Counties		Start – End
				Requested	Completed	
VII	IA	Severe Storms and Tornado July 19, 2018	IA	2	0	8/13 – TBD
			PA	5	5	8/7 – 8/9

Disaster Requests & Declarations



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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
11	IA	PA	HM	Date Requested	0	0
SD – DR Severe Storms and Flooding		X	X	June 14, 2018		
MT – DR Flooding		X	X	June 18, 2018		
AK – DR Flooding		X	X	June 28, 2018		
LA – DR Flooding		X	X	June 29, 2018		
CT – DR Severe Storm, Tornado, & Straight-line Winds	X	X	X	July 9, 2018		
Confederated Tribes of Colville Reservation – DR Flooding		X	X	July 27, 2018		
NC – DR Severe Storms, Flooding, Landslides, & Mudslides	X	X	X	July 30, 2018		
IA – DR Severe Storms, Tornadoes, Straight-line Winds, & Flooding	X	X	X	August 1, 2018		
MN (+3 Tribes)* – DR Severe Storms, Tornadoes, Straight-line Winds & Flooding		X	X	August 7, 2018		
Havasupai Tribe (AZ) – DR Severe Storms, Flooding, & Landslides		X	X	August 8, 2018		
NE – DR Severe Storms, Tornadoes, Straight-line Winds, & Flooding		X	X	August 8, 2018		

*Leech Lake Band of Ojibwe, Red Lake Nation, and White Earth Nation

Readiness – Deployable Teams and Assets



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Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or Less Availability
IM Workforce	11,643 ▼	4,068 ▲ 35%	4,112 ▼	3,463	EHP 8% (30/380); HM 23% (216/948); PA 11% (194/1,812); SAF 19% (10/53); SEC 14% (14/101)
National IMATs* (3 Teams)	East 1: East 2: West:	B-2 Charlie B-48			
Regional IMATs (4 - 6 Teams)	Assigned: Available: PMC / NMC: Deployed:	13 5 4 4			
National ISBs (0 Teams)	Team A Team B Team C	Available Deployed Deployed			
US&R (≥ 66%)	Assigned: Available: PMC / NMC: Deployed:	28 28 0 0			
MERS (≥ 66%)	Assigned: Available: PMC / NMC: Deployed:	36 34 0 2			
FCO (≤ 1 Type I)	Assigned: Available: PMC / NMC: Deployed:	33 15 1 17			
FDRC (≥ 3)	Assigned: Available: PMC / NMC: Deployed:	14 6 1 7			

* **B-2 Status:** Assemble ≤ 2-hrs, On Site ≤ 18-hrs; **B-48 Status:** Assemble and deploy ≤ 48hrs; **Charlie Status:** No team assemble time requirement

FEMA Readiness – Activation Teams



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Status		Activated Team	Activation Level	Activation Times	Reason / Comments
NWC (5 Teams)	Steady State				
NRCC (2 Teams)	Available				
HLT (1 Team)	Activated				
RWC / MOCs (10 Regions)	Steady State				
RRCCs (10 Regions)	Available				

Backup Regions: IV, V, & VIII



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FEMA's mission is helping people before, during, and after disasters.