

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.



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Daily Operations Briefing

Monday, June 18, 2018

8:30 a.m. EDT

Significant Activity – June 15-18



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Significant Events: None

Tropical Activity:

- Atlantic – Disturbance 1: Low (10%)
- Eastern Pacific – Tropical Depression Carlotta (no threat to U.S. interests)
- Central Pacific – Tropical cyclone activity not expected in the next 48 hours
- Western Pacific – No activity threatening U.S. interests

Significant Weather:

- Severe Thunderstorms possible – Northeast
- Flash Flooding possible – Portions of the Northern Intermountain, Northern/Central/Southern Plains, & Ohio Valley spanning to the Northeast
- Elevated Fire Weather – UT
- Space Weather – Past 24 hours: Minor G1 level occurred; next 24 hours: None expected

Earthquake Activity: No significant activity

Declaration Activity:

- Major Disaster Declaration Request – South Dakota
- FMAG Approval - Nevada

Kīlauea Eruption – Hawai'i County, HI



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Current Situation (USGS HVO Status Report, June 18)

Lower East Rift Zone: Lava from Fissure 8 is flowing to the ocean, but could break out of channels and threaten the community of Nanawale (675 homes, pop. 1,384). Ocean entry remained fairly broad with laze blown onshore. Lightweight volcanic glass continues to fall downwind; high winds may waft lighter particles to greater distances.

Summit: Seismicity continues to increase, with a series of M5+ earthquakes likely caused by explosive volcanic activity over the last 48 hours. Sulfur dioxide emissions are lower than they have been, but remain at dangerous levels.

Impacts (DR-4366-HI SITREP, June 16)

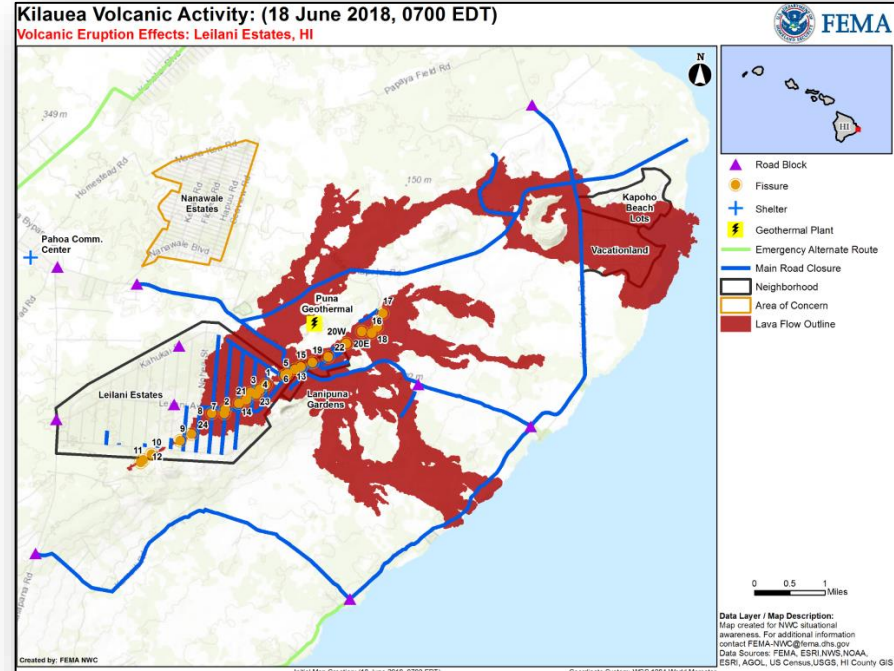
- **Injuries / Fatalities:** 4 injuries / 0 fatalities (NC since May 22)
- **Evacuations (Residents):** 2,800 (mandatory), 150 (voluntary) (NC since June 3)
- **Shelters:** 3 open / 114 (-6) occupants (ARC Midnight Shelter Count, June 18)
- **Damage:** 455 (+135) structures destroyed (192 homes)
- **Power:** 935 (-79) customers without power
- **Transportation:** 474 (-1) structures isolated by lava flows

State / Local Response

- HI EOC at Partial Activation

FEMA Response

- IA approved on June 14; DRC opened on June 15
- Region IX RWC at Steady State



Alert Level: **WARNING**
Color Code: **RED**

Flooding – Western Great Lakes



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Current Situation

Severe weather moved across Minnesota, Wisconsin, and Upper Michigan causing heavy rains/downpours. Flooding and Flash flooding were experienced from NE Minnesota to NW Michigan. Additional rainfall is expected in the Great Lakes, but not in these areas.

Impacts

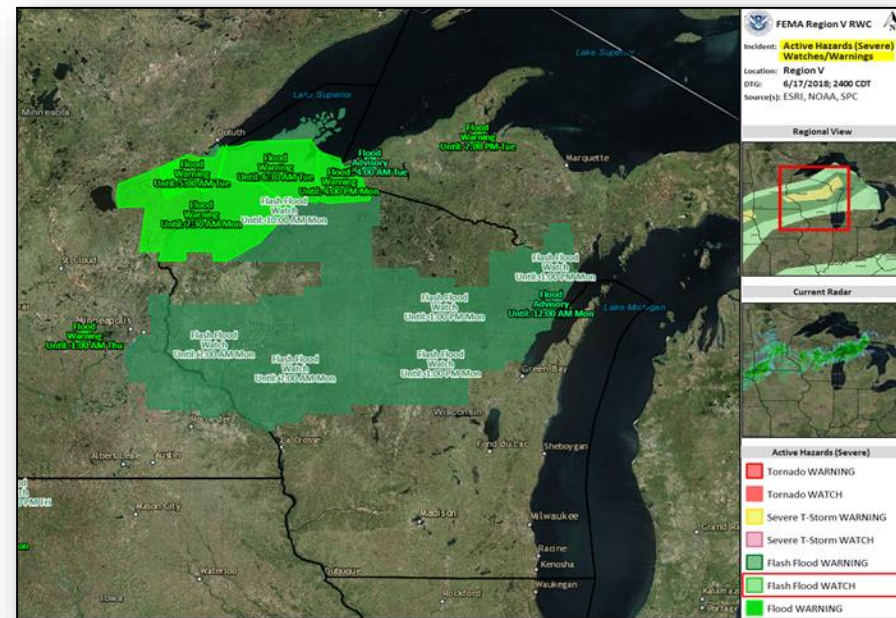
- **Injuries / Fatalities:** 1 / 3 (2 WI, 1 MI)
- **Evacuations:** None
- **Shelters:** None
- **Damage:** Numerous homes/businesses damaged/destroyed
- **Power:** Approximately 30k without power (2.5k MN, 14k WI, 10.4k MI)
- **Transportation:** Numerous roads/bridges washed out

State / Local Response

- MI EOC at Partial Activation
- WI EOC at Partial Activation

FEMA Response

- Region V RWC activated to Enhanced Watch yesterday, will re-evaluate later today
- No request for FEMA assistance



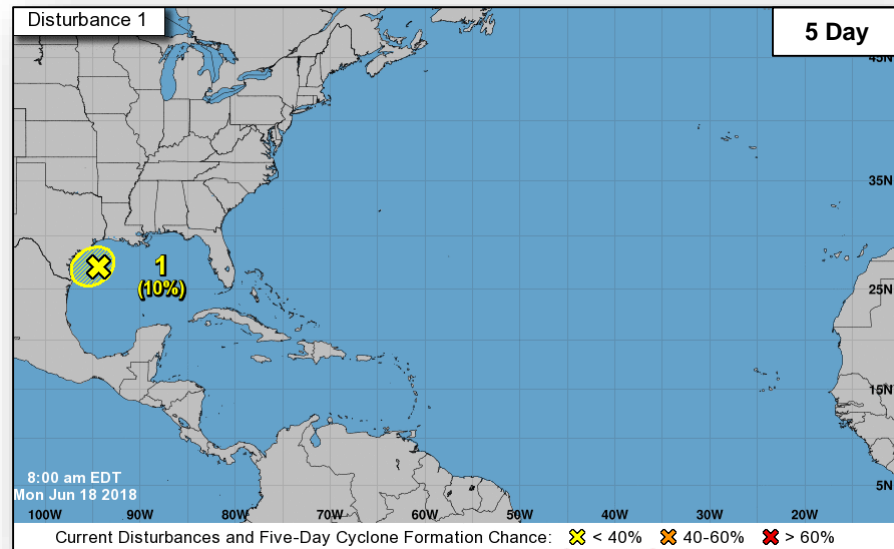
Tropical Outlook – Atlantic



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

- Located over the northwest Gulf of Mexico
- Development is not expected before landfall
- Heavy rainfall and flash flooding across portions of Southeastern TX may occur over the next few days
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)



Tropical Outlook – Eastern Pacific



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Tropical Depression Carlotta (Advisory #15 5:00 a.m. EDT)

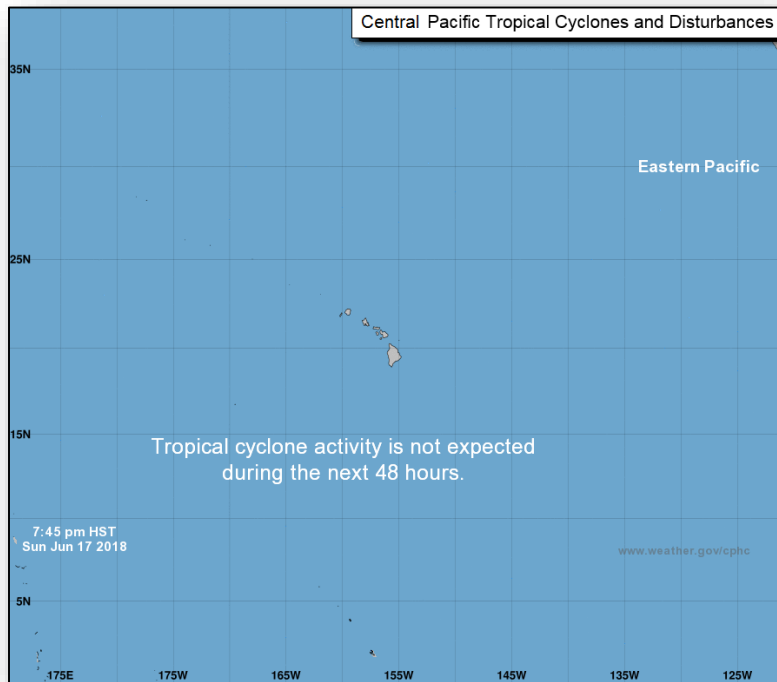
- Located 35mi SW of Lazaro Cardenas, Mexico
- Moving NW at 5 mph
- No threat to U.S. interests



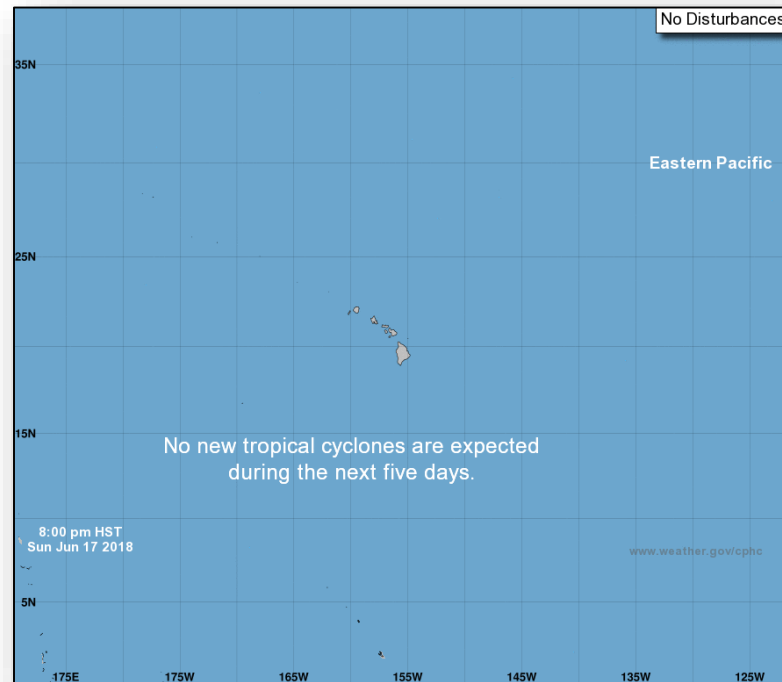
Tropical Outlook – Central Pacific



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48 Hour Outlook

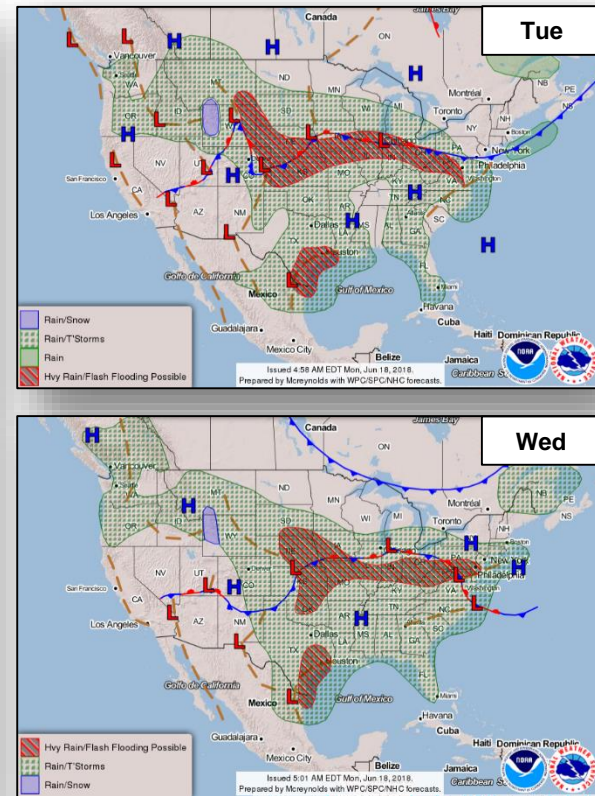
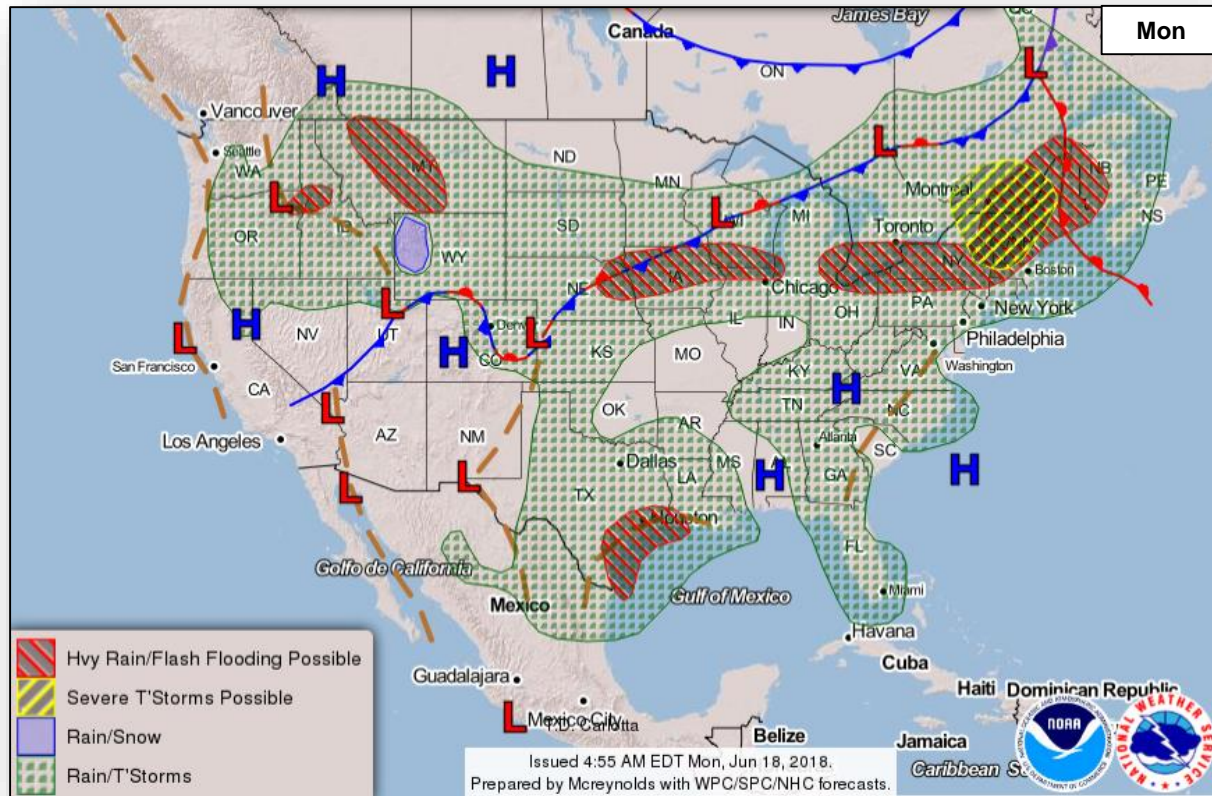


5 Day Outlook

National Weather Forecast



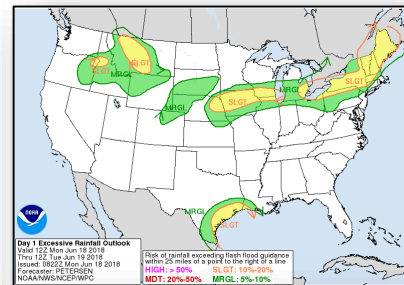
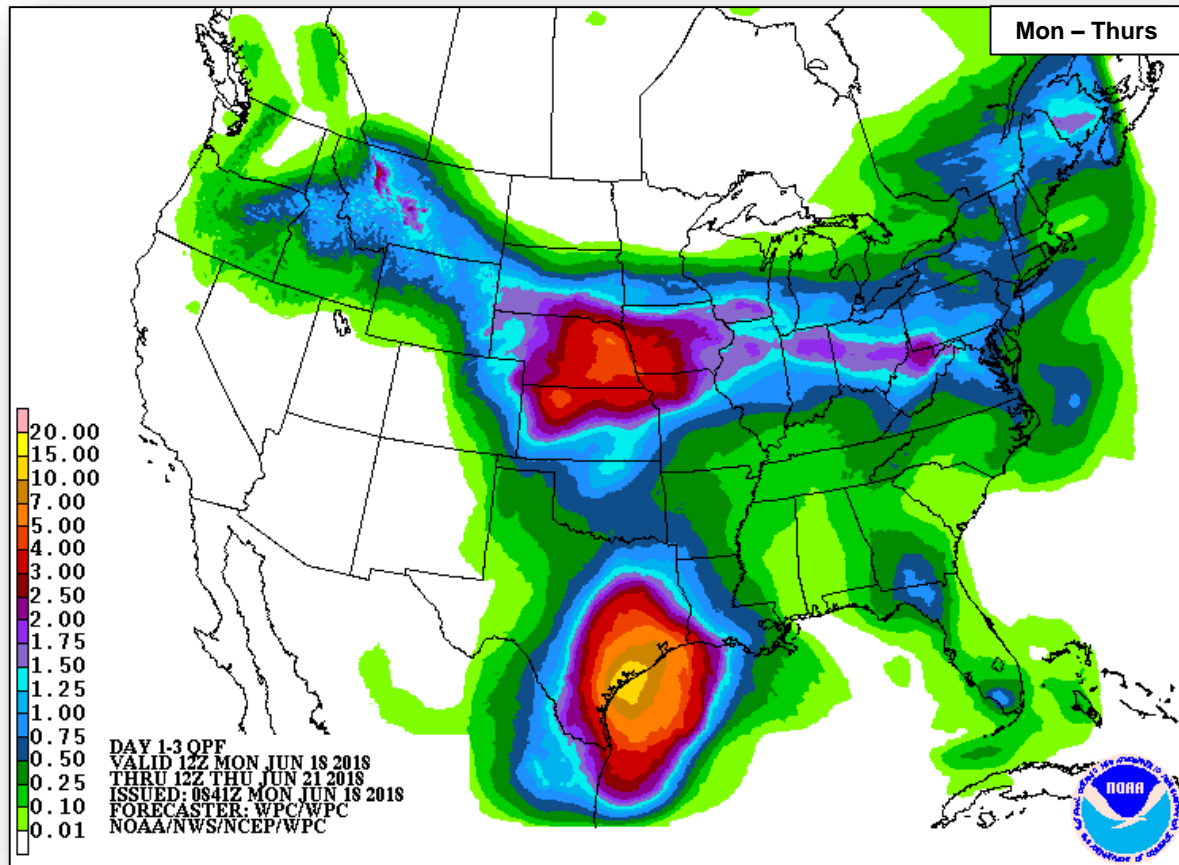
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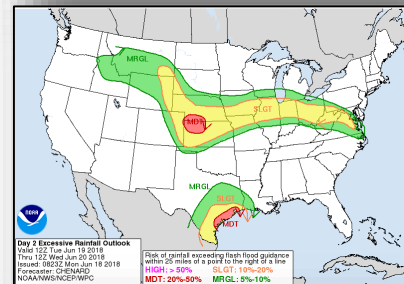
Precipitation / Excessive Rainfall Forecast



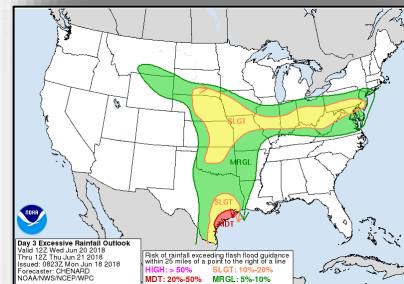
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Mon



Tue

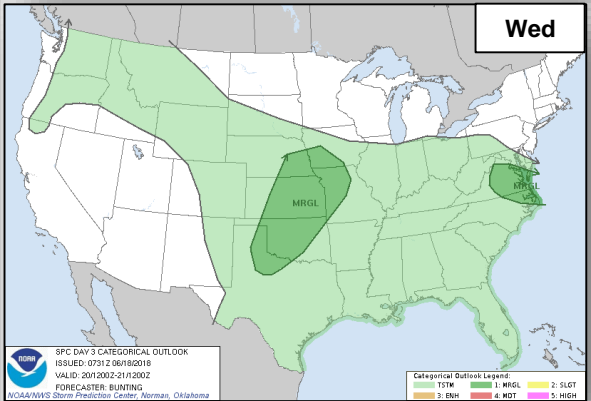
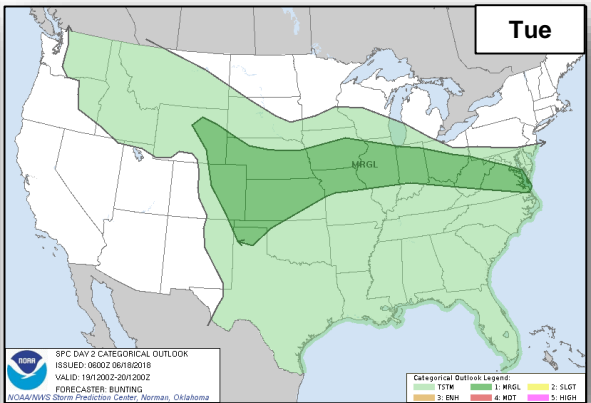
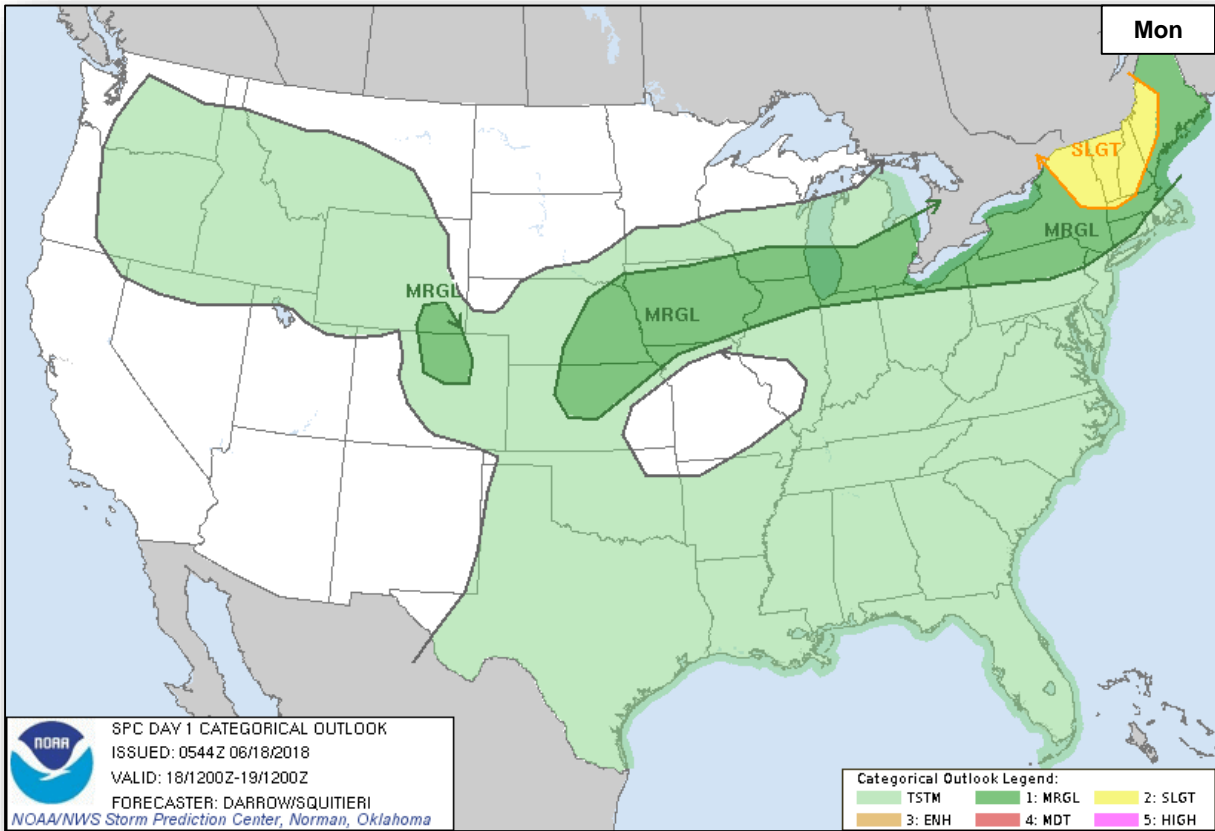


Wed

Severe Weather Outlook



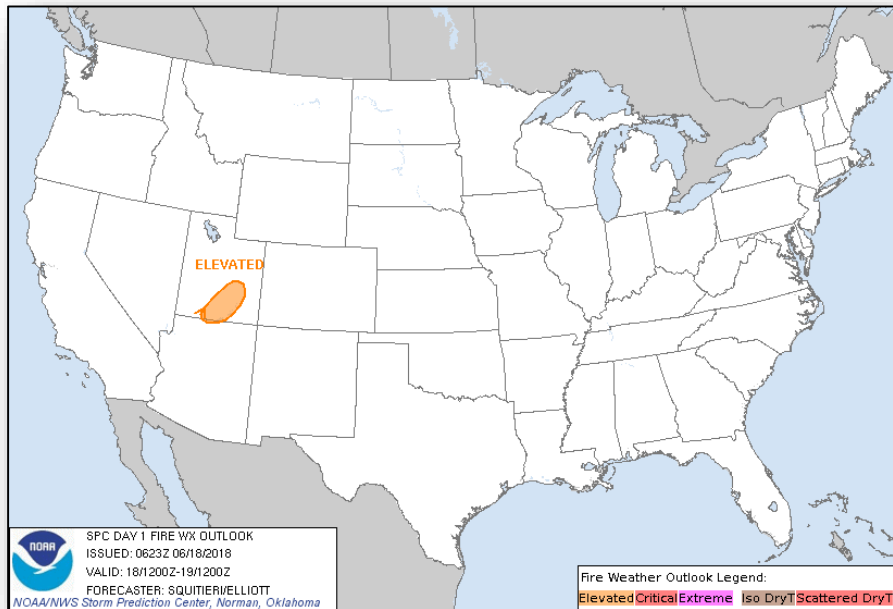
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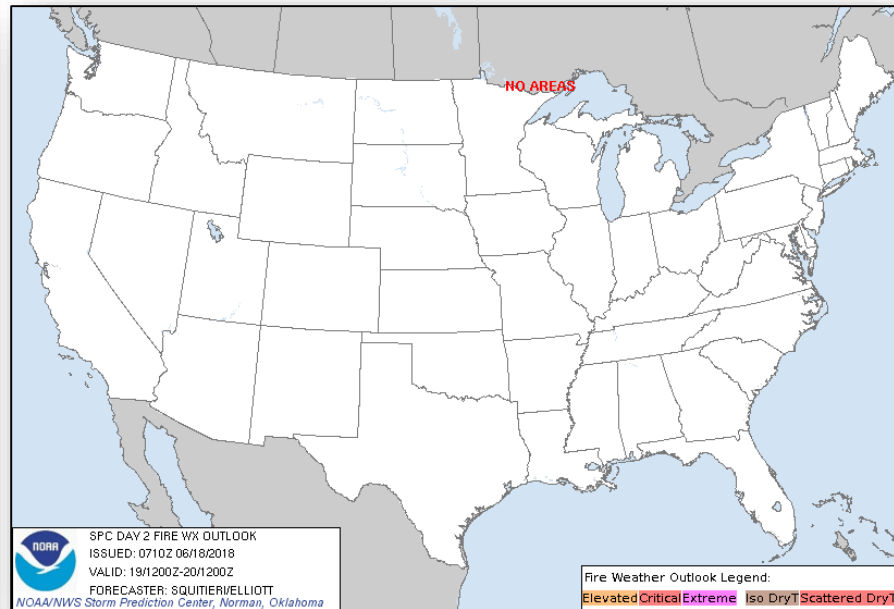
Fire Weather Outlook



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Monday

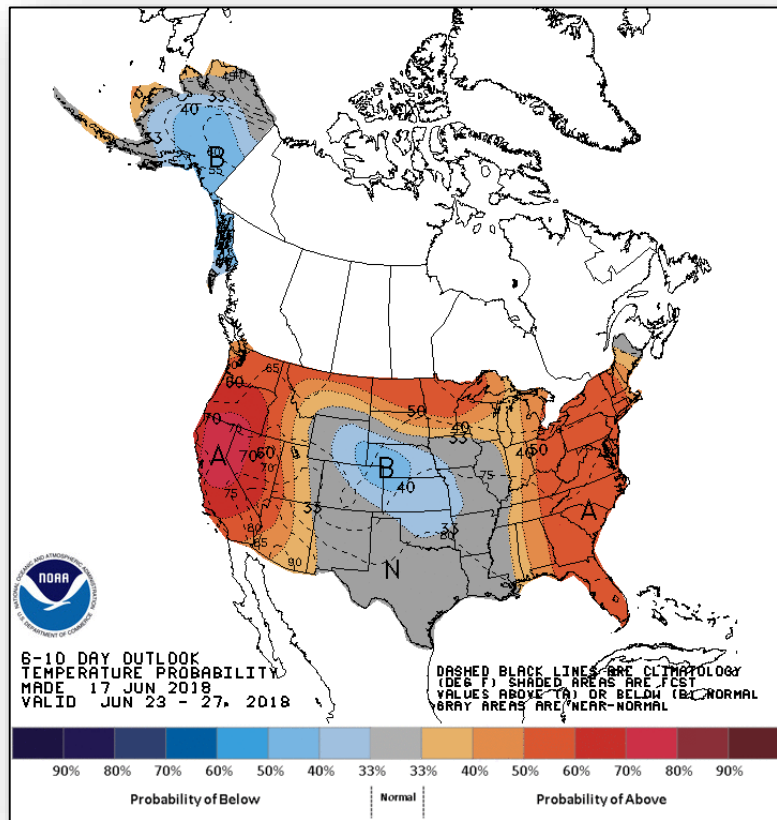


Tuesday

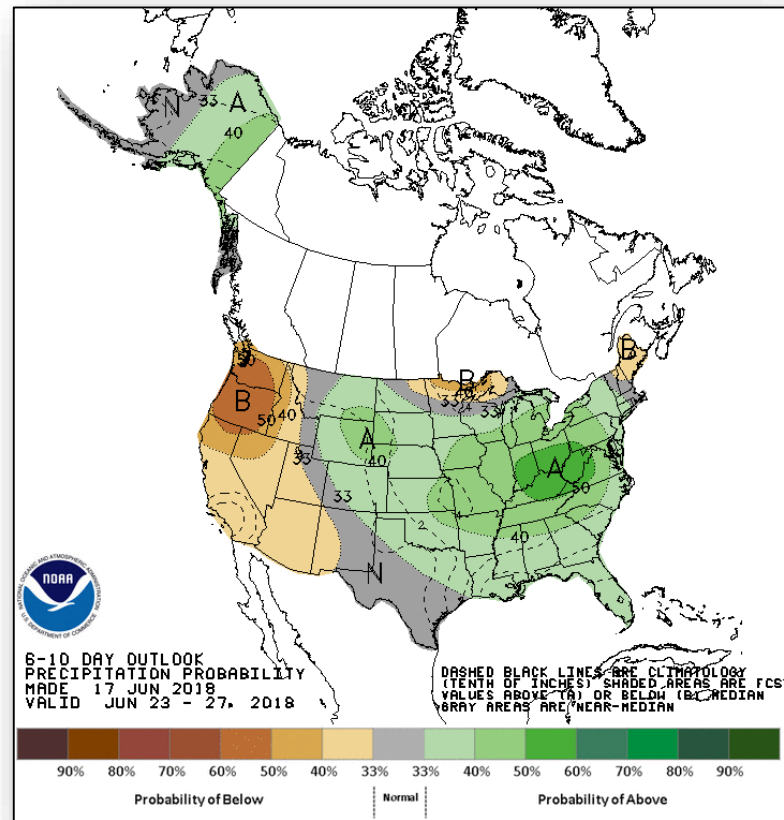
Long Range Outlooks – June 22-26



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Temperature Probability



Precipitation Probability

North American Monsoon



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Monsoon Season or “The Monsoon” *June 15 – September 30*

Definition

Large scale weather pattern that causes summer thunderstorms to develop. Moisture transported northward from Gulf of Mexico and eastern Pacific due to a reversal in wind patterns, resulting in a distinct “rainy season” over western North America. Thunderstorms with heavy rain can cause severe flooding. These storms can be powerful and sudden.

Typical Monsoon Season

- Rainfall is not continuous over space or time
- Varies considerably and usually comes in distinct “burst” periods of heavy rain
- Accounts for over 50% of annual precipitation in northwest Mexico and Southwest U.S.

Associated Hazards

- Deadly, unexpected lightning
 - A clap of thunder indicates a thunderstorm is within 10 miles
 - Lightning can strike up to 60 miles away from the nearest rainfall
- Local damaging straight-line winds (100+ mph)
- Flash floods, especially at low water crossings
 - Water can rise quickly downstream from heavy rain, even when the thunderstorm is miles away
 - Six inches of fast-moving flood waters can knock you off your feet
- Excessive heat (higher humidity and hot temps)

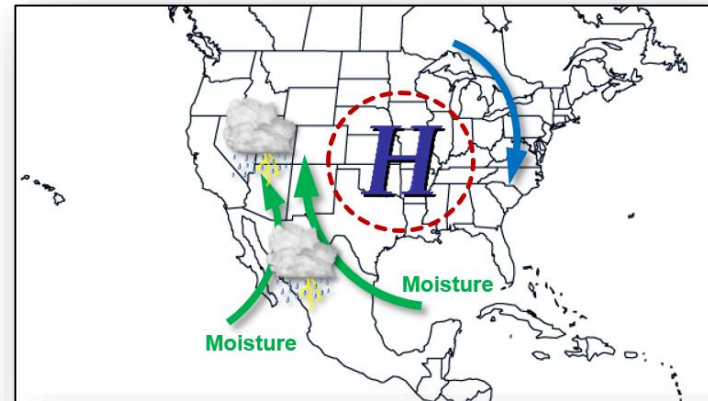


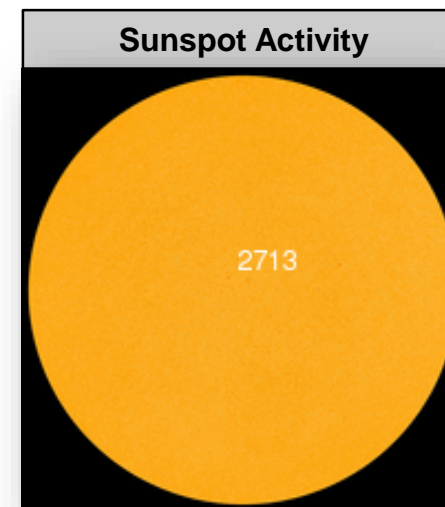
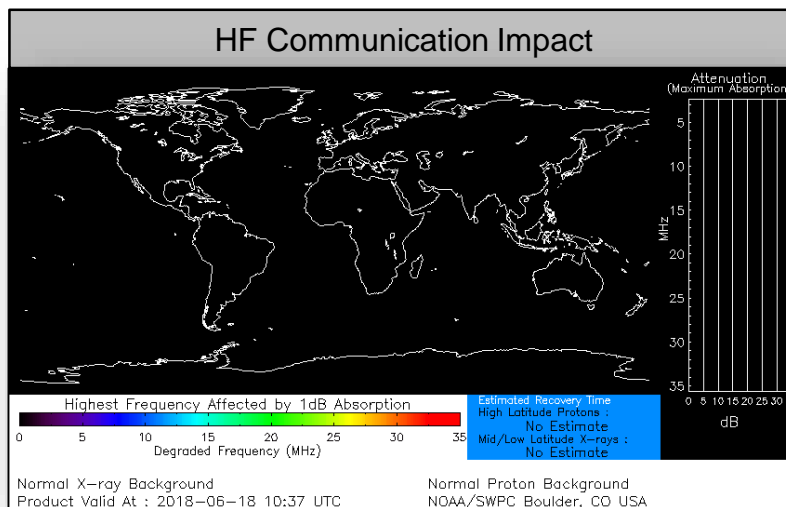
Photo Credit: [National Parks Service](#)

Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Minor	G1	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				



Upper Colony Fire – NV



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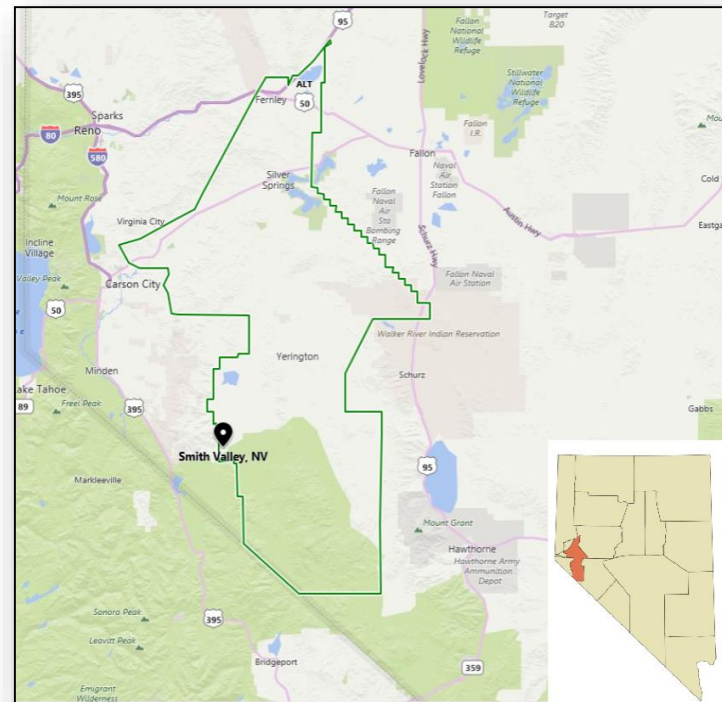
Fire Name (County)	FMAG # / Approved	Acres burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Upper Colony (Lyon County)	5242-FM-NV Jun 17, 2018	1,500	0%	Mandatory (100)	92 (50 homes)	0	0	0 / 0

Current Situation

- Fire began June 17, 2018 and is threatening the community around the area of Smith Valley, NV (pop 1,800)
- Threatening homes, utilities, and a watershed
- Mandatory evacuations in effect for 100 people, with the potential for further evacuations

Response

- Region IX RWC at Steady State



Wildfire Summary



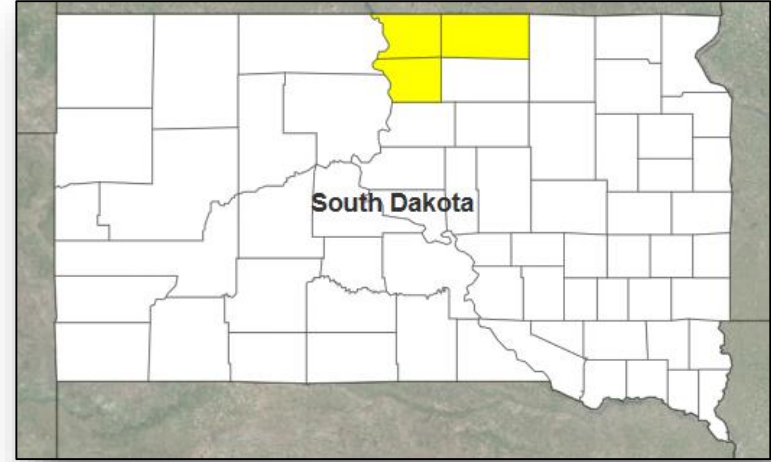
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Fire Name (County)	FMAG #	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Wyoming (1)								
Badger Creek (Albany) FINAL	5241-FM-WY	20,090 (+847)	85% (+57)	Mandatory / Voluntary	496 (393 homes)	1 home	3 (1 home)	0 / 2

Declaration Request

South Dakota

- The Governor requested a Major Disaster Declaration on June 14, 2018
- For severe storms and flooding during the period of May 17-18, 2018
- Requesting:
 - Public Assistance for three counties
 - Hazard Mitigation statewide



 PA

Disaster Requests and Declarations



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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
7	IA	PA	HM	Date Requested	0	0
MA – DR Severe Winter Storm		X	X	April 30, 2018		
NE – DR Severe Winter Storm and Straight-line Winds		X	X	May 16, 2018		
OK – DR Severe Storms and Wildfires	X	X	X	May 25, 2018		
MA – DR Severe Winter Storm and Snowstorm		X	X	June 12, 2018		
FSM (Federated States of Micronesia) – Flooding*				June 13, 2018		
MD – DR Severe Storms and Flooding		X	X	June 13, 2018		
SD – DR Severe Storms and Flooding		X	X	June 14, 2018		

**Request made pursuant to the Compacts of Free Association, not under the Stafford Act*

Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA / PA	Number of Counties		Start – End
				Requested	Completed	
I	VT	Heavy Rain and Wind May 4-5, 2018	IA	0	0	N/A
			PA	7	6	5/17 – TBD
	CT	Tornadoes and Severe Storms May 15, 2018	IA	3	0	6/11 – TBD
			PA	3	0	6/11 – TBD
III	MD	Severe Weather May 27, 2018 and continuing	IA	0	0	N/A
			PA	3	2	5/31 – TBD
	WV	Severe Weather and Flooding May 28, 2018	IA	8	0	6/18 – TBD
			PA	0	0	N/A
VI	LA	Mississippi River Flooding March – May, 2018	IA	0	0	N/A
			PA	7	2	6/14 – TBD
VIII	MT	Snow Melt and Flooding April 12, 2018 and continuing	IA	0	0	N/A
			PA	12/1*	11	6/11 – TBD

* Tribal Lands of the Fort Belknap Indian Reservation

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* **B-2 Status:** Assemble ≤ 2 -hrs, On Site ≤ 18 -hrs; **B-48 Status:** Assemble and deploy ≤ 48 hrs; **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	Gold Team	Level I	Tuesday, June 19 8:00 a.m. - 4:00 p.m. EDT	Exercise
HLT (1 Team)	Activated				
RWC / MOCs (10 Regions)	Activated	Region V	Enhanced Watch	24/7	Flash Flooding and Severe Weather – WI & MI
RRCCs (10 Regions)	Available				

Backup Regions: **VII, V, and VIII**



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