

FEMA

Daily Operations Briefing Monday, July 17, 2017 8:30 a.m. EDT

Significant Activity – July 14 - 17



Significant Events: None

Tropical Activity:

- Atlantic Disturbance 1 Medium (40%); Disturbance 2 Low (10%)
- Eastern Pacific Hurricane Fernanda (CAT 3); Disturbance 1 High (70%); Disturbance 2 Medium (50%); Disturbance 3 Low (near 0%)
- Central Pacific No tropical cyclones expected next 48 hours
- Western Pacific No activity affecting U.S. interests

Significant Weather:

- Slight Risk of Severe Thunderstorms Northern Plains, Upper Mississippi Valley, Mid-Atlantic, and Northeast
- Flash Flooding possible Southwest and the Northeast
- Elevated to critical fire weather conditions Central Great Basin, Northern Intermountain, and Northern Rockies
- Isolated Dry Thunderstorms NV, UT, CO, WY, MT, ID
- Space Weather Past 24 hours: Moderate, geomagnetic storms reaching G2 level occurred; next 24 hours: minor, geomagnetic storms reaching G1 level expected

Earthquake Activity: No significant activity

Declaration Activity: Major Disaster Declaration Request – Nebraska

Tropical Outlook – Atlantic

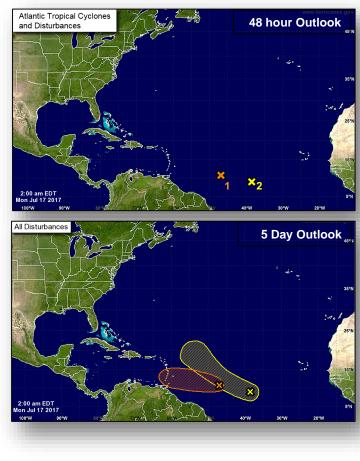


Disturbance 1 (as of 2:00 a.m. EDT)

- Located 800 miles E of the Windward Islands moving W at 15 mph
- Marginally conducive for some development
- Air Force reconnaissance aircraft scheduled to investigate this afternoon, if necessary
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (50%)

Disturbance 2 (as of 2:00 a.m. EDT)

- Located several hundred miles WSW of the Cape Verde Islands
- Some development is possible over the next few days
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (20%)



Tropical Outlook – Eastern Pacific



Hurricane Fernanda (CAT 3) (Advisory #22 as of 5:00 a.m. EDT)

- Located 1,475 miles WSW of southern tip of Baja California, Mexico
- Maximum sustained winds 120 mph
- Moving WNW at 12 mph
- · Based on current advisory, there are no threats to U.S. interests

Disturbance 1 (as of 2:00 a.m. EDT)

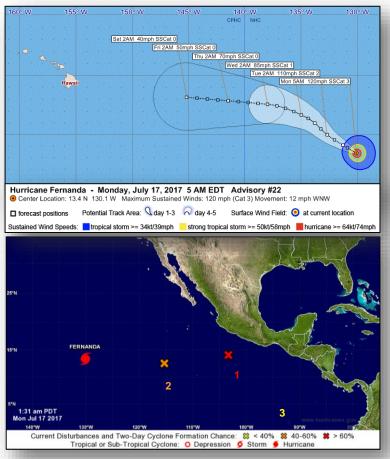
- Located 350 miles S of Manzanillo, Mexico moving WNW at 5-10 mph
- Likely to become tropical depression next couple of days
- Formation chance through 48 hours: High (70%)
- Formation chance through 5 days: High (80%)

Disturbance 2 (as of 2:00 a.m. EDT)

- Located 850 miles SSW of the southern tip of Baja peninsula, Mexico
- Potential to become a tropical depression in the next day or two
- Formation chance through 48 hours: Medium (50%)
- Formation chance through 5 days: Medium (50%)

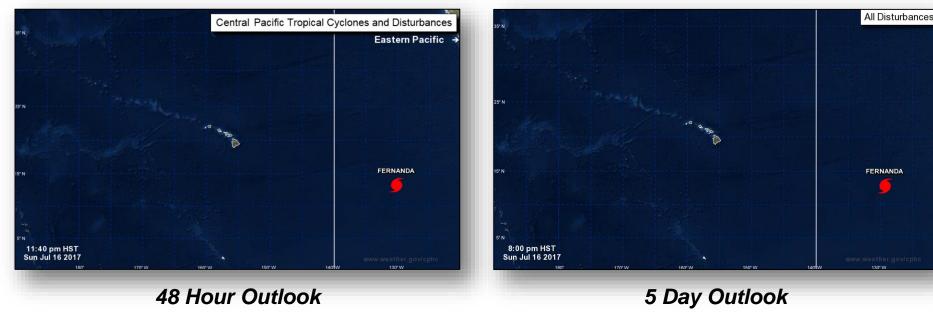
Disturbance 3 (as of 2:00 a.m. EDT)

- Far eastern Pacific Ocean, south of Mexico
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)



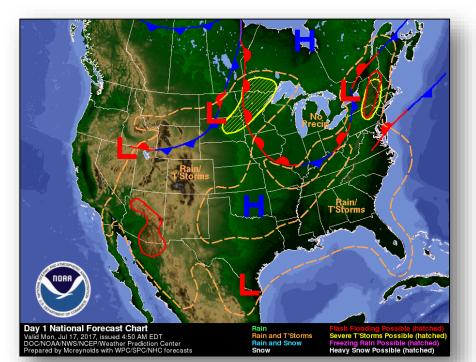
Tropical Outlook – Central Pacific





National Weather Forecast





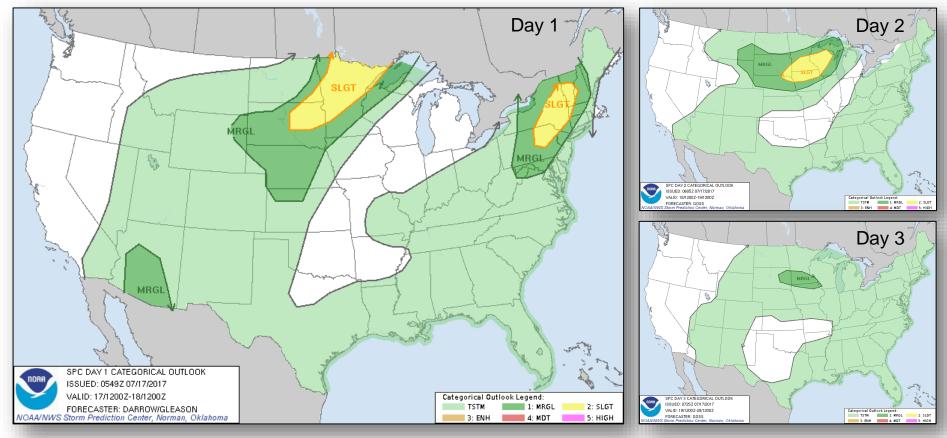
Day 2 National Forecast Chart Valid Tue, Jul 18, 2017, issued 4:53 AM EDT Mon, Jul 17, 2017 DOC/NOAA/NWS/NCEP/Weather Prediction Center Prepared by Mcreynolds with WPC/SPC/NHC forecasts Rain Rain and T'Storms Severe T'Storms Possible (hatched) Freezing Rain Possible (hatched) Heavy Snow Possible (hatched) **Rain and Snow** Snow

Tomorrow

Today

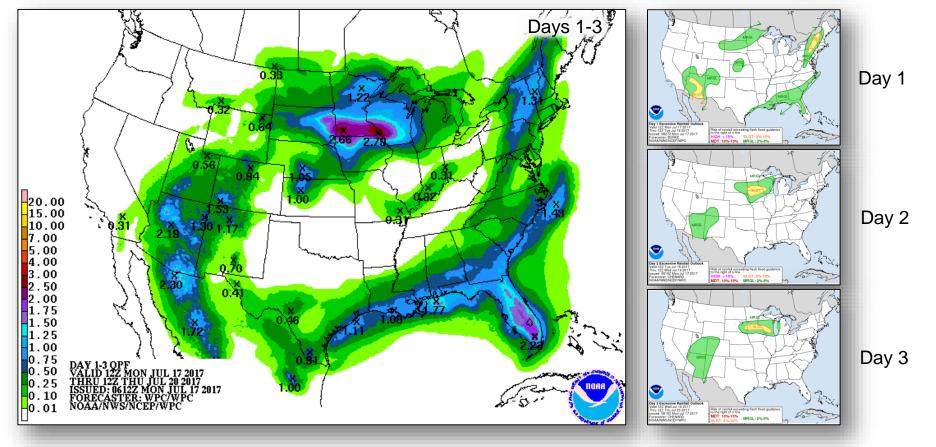
Severe Weather Outlook – Days 1-3





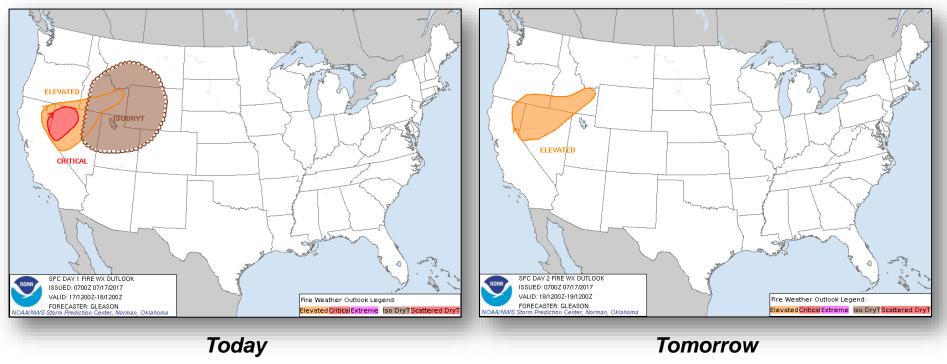
Precipitation Forecast / Flash Flood Risk





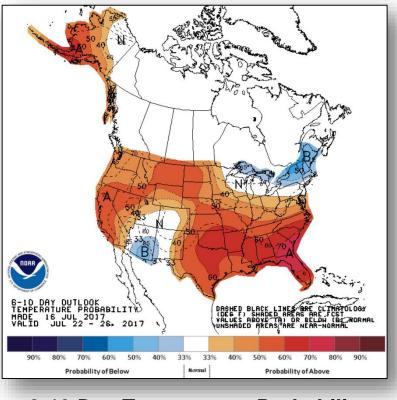
Fire Weather Outlook



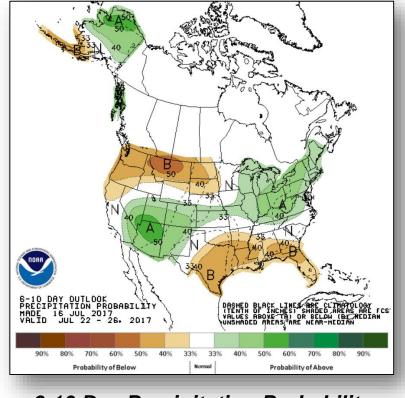


6-10 Day Outlooks





6-10 Day Temperature Probability

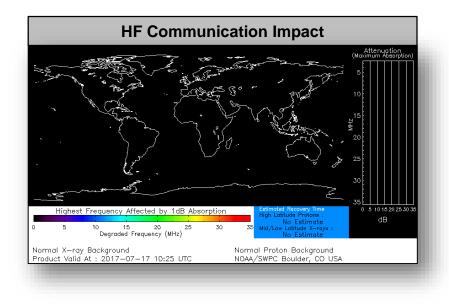


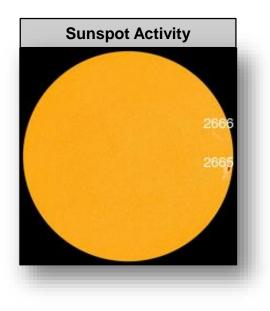
6-10 Day Precipitation Probability

Space Weather



	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts			
Past 24 Hours	Moderate	G2	None	None			
Next 24 Hours	Minor	None	None				
For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation							





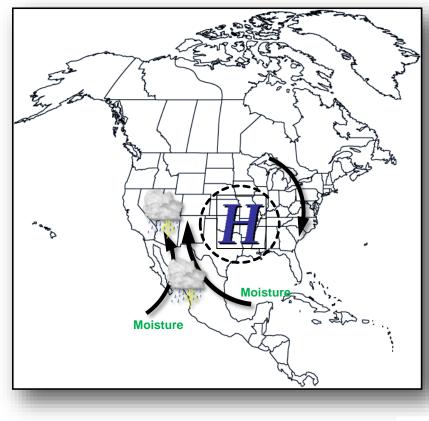
North American Monsoon

Definition: Large scale weather pattern that causes summer thunderstorms to develop

Monsoon Season: June 15 – September 30

- Moisture transported northward from Gulf of Mexico and eastern Pacific due to a reversal in wind patterns
- Results in a distinct "rainy season" over western North America that can develop quickly and produce heavy to intense rainfall
- Location of high pressure (labeled as "H" on map) is one of the main factors that determines where greatest potential for thunderstorms may develop





North American Monsoon

Typical Monsoon Season:

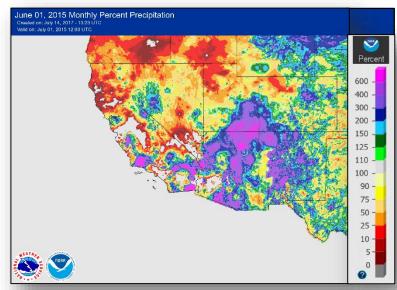
Rainfall is not continuous over space or time:

- 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
- Local damaging straight-line winds (100+ mph)
- Flash floods, especially at low water crossings
- Excessive heat (higher humidity and hot temps)





June 2015 Percent of Normal Precipitation graphic demonstrates spatial nature of monsoonal bursts

Cooler colors indicate above-normal precipitation Warmer colors indicate below-normal precipitation

Joint Preliminary Damage Assessments



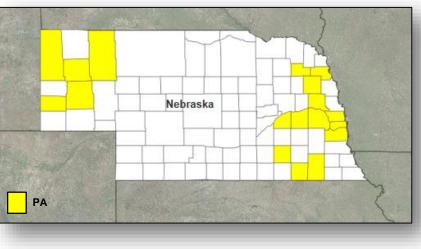
Region	State /	Event		Number of Counties		Start – End
	Location			Requested	Completed	Start – End
	New	Severe Weather		0	0	N/A
	Hampshire	Jun 30 – Jul 1, 2017	PA	1	0	Jul 6 – TBD
	Vermont	Severe Weather Jun 30 – Jul 1, 2017	IA	0	0	N/A
	Vermoni		PA	8 (+1)	0	Jul 12 – TBD

Declaration Request



<u>Nebraska</u>

- Governor requested a Major Disaster Declaration on July 13, 2017
- For severe storms, tornadoes, and straight-line winds that occurred June 12-17, 2017
- Requesting:
 - $\circ~$ Public Assistance for 18 counties
 - $\circ~$ Hazard Mitigation statewide



Disaster Requests & Declarations



Declaration Requests in Process	Requests APPROVED (since last report)	Requests DENIED (since last report)	
5	Date Requested	0	0
OR – DR (Appeal) Severe Winter Storm	June 9, 2017		
OK – DR Severe Storms, Tornadoes, Straight-line Winds, and Flooding	July 6, 2017		
NY – DR (Expedited) DR Flooding	July 10, 2017		
WY – DR Flooding	July 10, 2017		
NE – DR Severe Storms, Tornadoes, and Straight-line Winds	July 13, 2017		

Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	Cadres with less than 25% availability		
Total Workfor	rce 10,399	5,812 55%	3,182	1,405	Safety (23%)		
	East 1:	B-2	NAS Whidbey Island, WA	4309-DR-WA	4310-DR-ID 4311-DR-UT 4321-DR-NE 4319-DR-KS 4322-DR-NY Field Offices ★ 4313-DR-ID VIFO: Derwer, CO JFO: TBD VIFO: Kansas City, MO JFO: TBD JFO: TBD		
National IMATs*	East 2:	Charlie	(Island Escape Ex '17)	FCO: Thomas J. Dar	an JFO: Bolse, ID FCO: Nancy M. Casper FCO: Dolph A. Diemont FCO: David G. Samaniego FCO: Seamus K. Leary DRs: 24		
	West:	B-48			VIFO: Deriver, CO FCO: Thomas J. McCool PEO: Homas J. McCool PEO: Michael L. Parker Peologie Co. Michael L. Parker		
	Assigned:	13		KY-A			
Regional	Available:	5		- A			
IMATs	PMC / NMC	: <u>1</u>		ar 6/2	1 _ Frank		
	Deployed:	7					
	Assigned:	28	(AL)				
US&R	Available:	28					
	PMC / NMC	_	A B B	XXE	4316-DR-NH VIFO: Maynard, MA		
	Deployed:	0		NER	CC: Albert Lewis		
	Assigned:	36 36		1	JFO: Durham, NC FCO: Elizabeth Turner		
MERS	Available:				4320-DR-TN VIED: Nativille. TN		
	NMC:	0			SSSS FCO: Warren J. Riley R-IV IMAT-2 (R-IV HQ)		
	Deployed:	<u> </u>	-		4314-DR-MS VIFO: Pearl, MS		
	Assigned: Available:	35 9	4301-DR-CA	4303-DR-NV*	Circle M, Girot R-V IMAT-1 (R-IV HQ)		
FCO	PMC / NMC	-	4305-DR-CA 4302-DR-Hoopa Valley T 4308-DR-CA*	ribe JFO: Carson City FCO: David Haa	/ NV 4283-DR-FL		
	Deployed:	21	4312-DR-RRT JFO: Sacramento, CA	*R-IX IMAT-1 (J	JFO: Maluano, PL		
	Assigned:	11	FCO: Timothy J. Scranton *R-IX IMAT-2 (JFO)				
FDRC	Available:	6		1			
	PMC / NMC	•			4315-DR-OK 4318-DR-AR LA Recovery Office 4277-DR-LA JFC: Oklahoma City, OK JFC: North Little Rock, AR Baton Rouge, LA JFC: Baton Rouge, LA FCO: Charles Maskel FCO: Intry: S. Thomas Manager: M. Wonack FCO: William J. Doran III		
	Deployed:	3	As of 3:00 a.m. EDT J	uly 17, 2017	FCO: Charles Maskel FCO: Jerry S. Thomas Manager: M. Womack FCO: William J. Doran III R-VI IMAT-2 (JFO) R-VI IMAT-1 (JFO)		

*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



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated				
NRCC		2	Not Activated				NRCS Gold Team – July primary
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Not Activated				
RRCCs		10	Activated	Region VIII	Level III	Day shift only	Supporting 4323-DR-ND

Back-up Regions (July 17-23): I, II, and III





FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.