



FEMA Daily Operations Briefings

July 31 – August 6, 2016

This document is a compilation of FEMA Daily Operations Briefings from July 31st – August 6th, 2016.

The FEMA Daily Operations Briefing provides an overview of the current emergency management situation nationwide and includes a summary of current significant events, weather activity, recent emergency declarations and projections for the coming week.



FEMA

Daily Operations Briefing

Sunday, July 31, 2016

8:30 a.m. EDT

Significant Activity: July 30 – 31



Significant Events: None

Tropical Activity:

- Atlantic – Disturbance 1 – Invest 97L (Medium 40%); Disturbance 2 – Invest 96L (Low 0%)
- Eastern Pacific – Disturbance 1 – Invest 91E (High 90%); Disturbance 2 – (Medium 50%)
- Central Pacific – No tropical cyclones expected through Monday morning
- Western Pacific – No activity threatening U.S. territories

Significant Weather:

- Severe Thunderstorms – Northern Plains
- Flash Flooding Possible – SD, IA, KS, MO, OK, AR, & MS
- Rain and Thunderstorms – Most of the U.S.
- Critical Fire & Isolated Dry Thunderstorms – CA, NV, UT, ID, OR, WY, MT, & CO
- Red Flag Warnings – CA, MT, NV, ID, & CO
- Space Weather – None observed past 24 hours; none predicted next 24 hours

Earthquake Activity: None

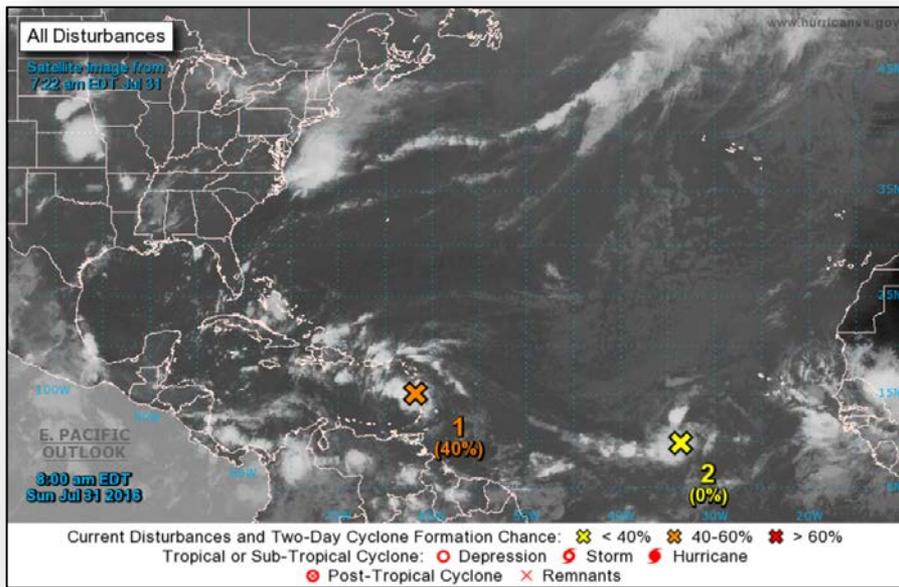
Wildfire Activity:

- Soberanes Fire
- Rock Fire
- Lava Mountain Fire
- Tokewanna Fire
- Goose Fire

Declaration Activity:

- Fire Management Assistance Declaration (FMAG) approved for the Goose Fire

Tropical Outlook - Atlantic



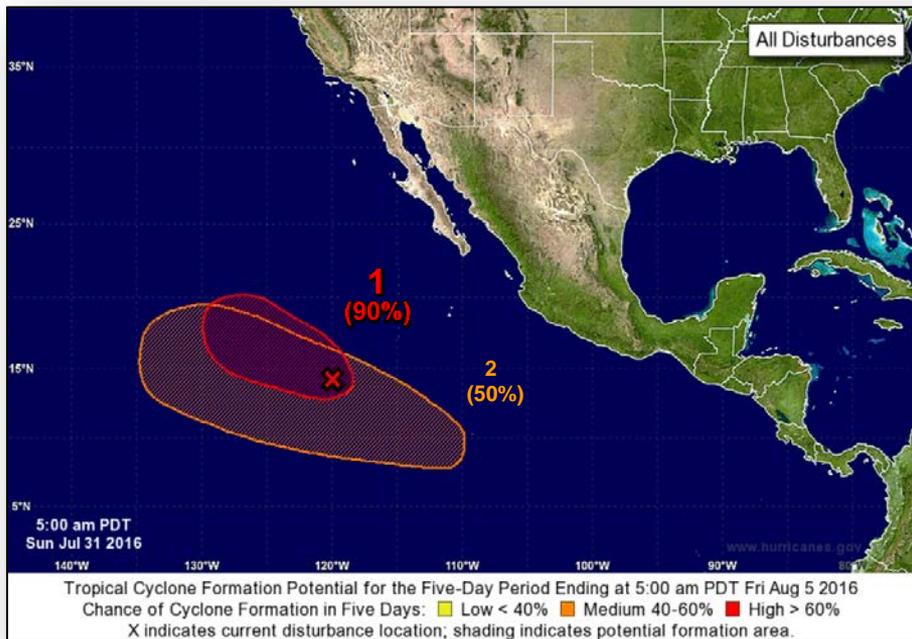
Disturbance #1 (As of 8:00 a.m. EDT)

- Located near the Lesser Antilles
- Heavy rains and gusty winds forecast for Lesser Antilles, Puerto Rico and Virgin Islands
- Slow development over the next few days
- Tropical Cyclone formation chance next few days
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: High (70%)

Disturbance #2 (As of 8:00 a.m. EDT)

- Located 700 miles WSW of Cape Verde Islands
- Moving W at 10 – 15 MPH
- Development unlikely
- Formation chance through 48 hours: Low (0%)
- Formation chance through 5 days: Low (0%)

Tropical Outlook - Eastern Pacific



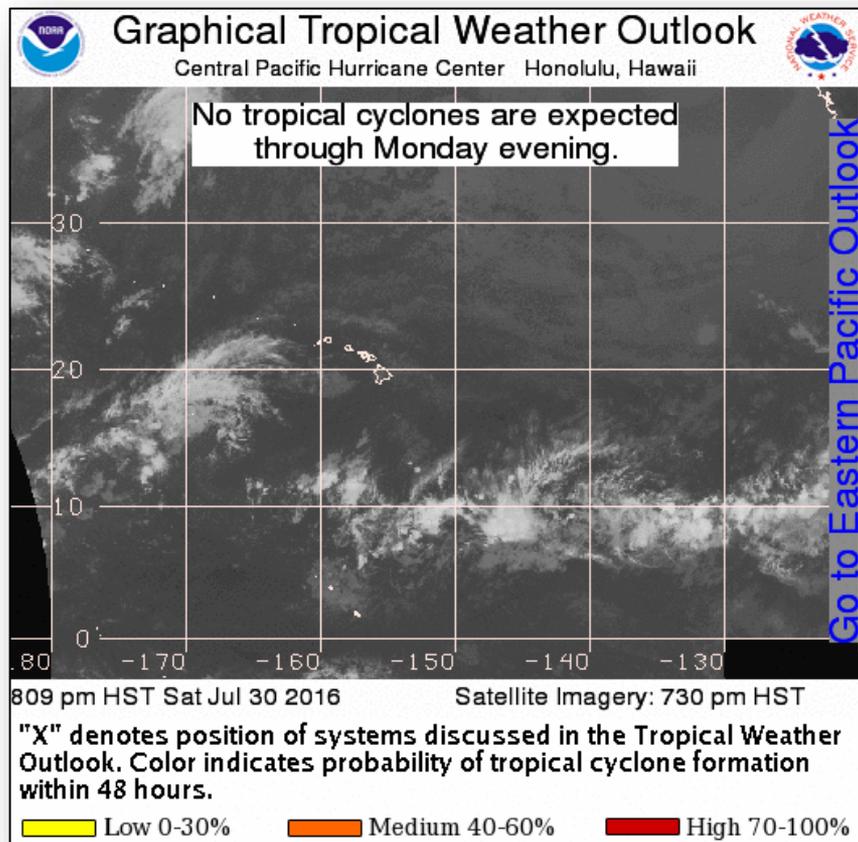
Disturbance #1 (As of 8:00 a.m. EDT)

- Located 900 miles SW of southern tip of Baja California peninsula, Mexico
- Moving WNW at 10 - 15 MPH
- Tropical depression likely later today or Monday
- Formation chance through 48 hours: High (90%)
- Formation chance through 5 days: High (90%)

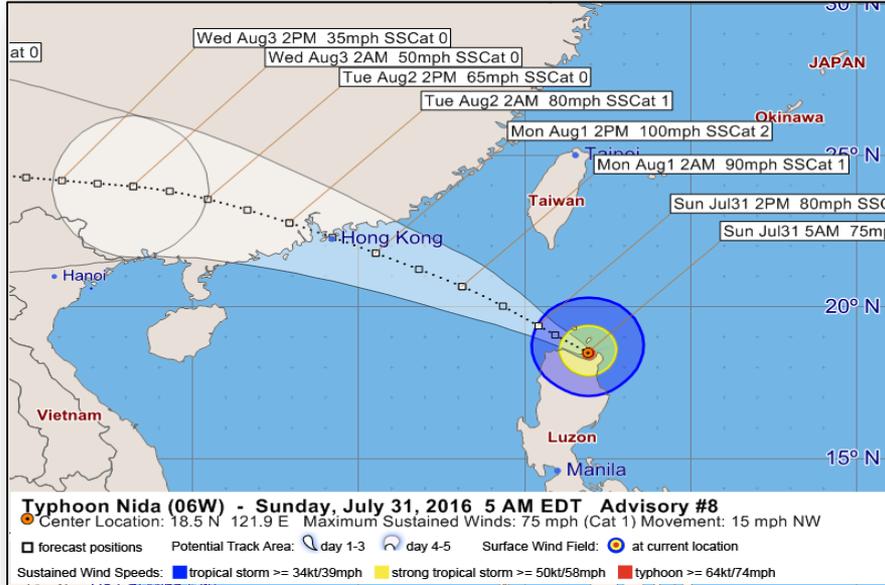
Disturbance #2 (As of 8:00 a.m. EDT)

- Located several hundred miles SSW of southern tip of Baja California peninsula, Mexico
- Moving WNW at 15 mph
- Conducive for gradual development later this week
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Medium (50%)

Tropical Outlook – Central Pacific



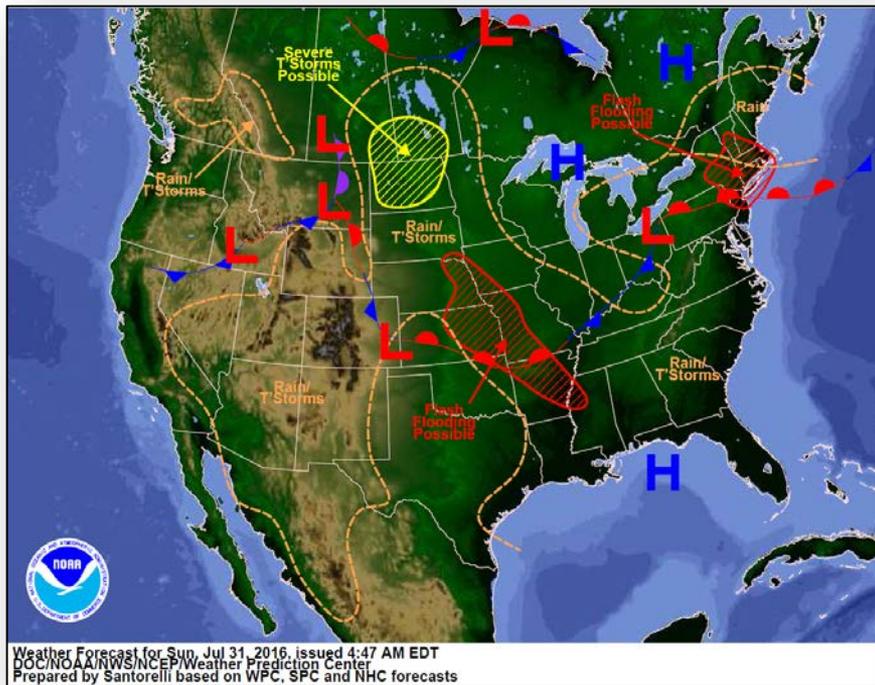
Typhoon Nida – Western Pacific



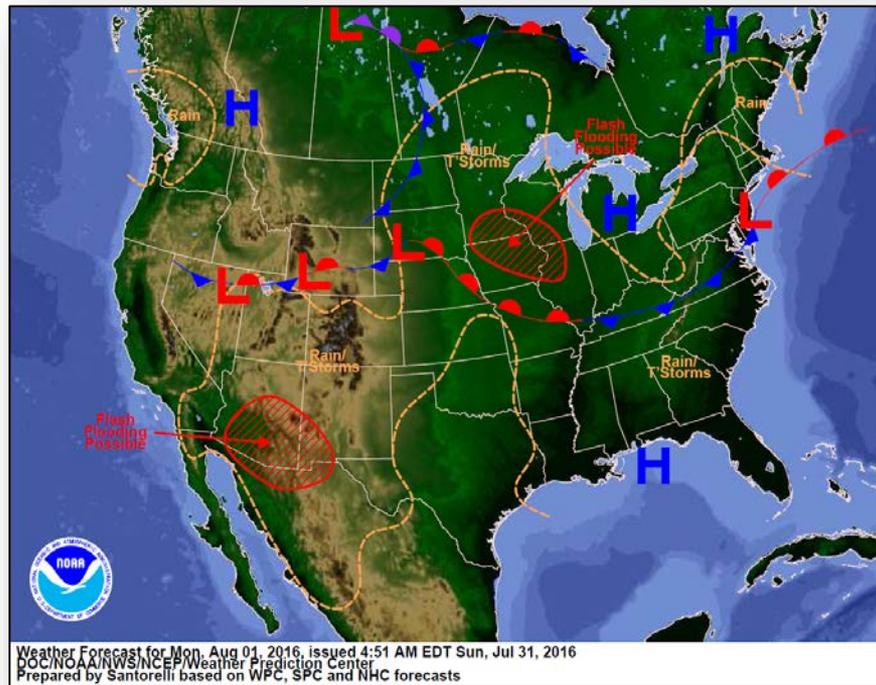
Typhoon Nida (06W) (Advisory #8 As of 5:00 a.m. EDT)

- Located 266 miles NNE of Manila, Philippines
- Maximum sustained winds 75 mph
- Moving NW at 15 mph
- Dissipating as a significant Tropical Cyclone over land later this week

National Weather Forecast

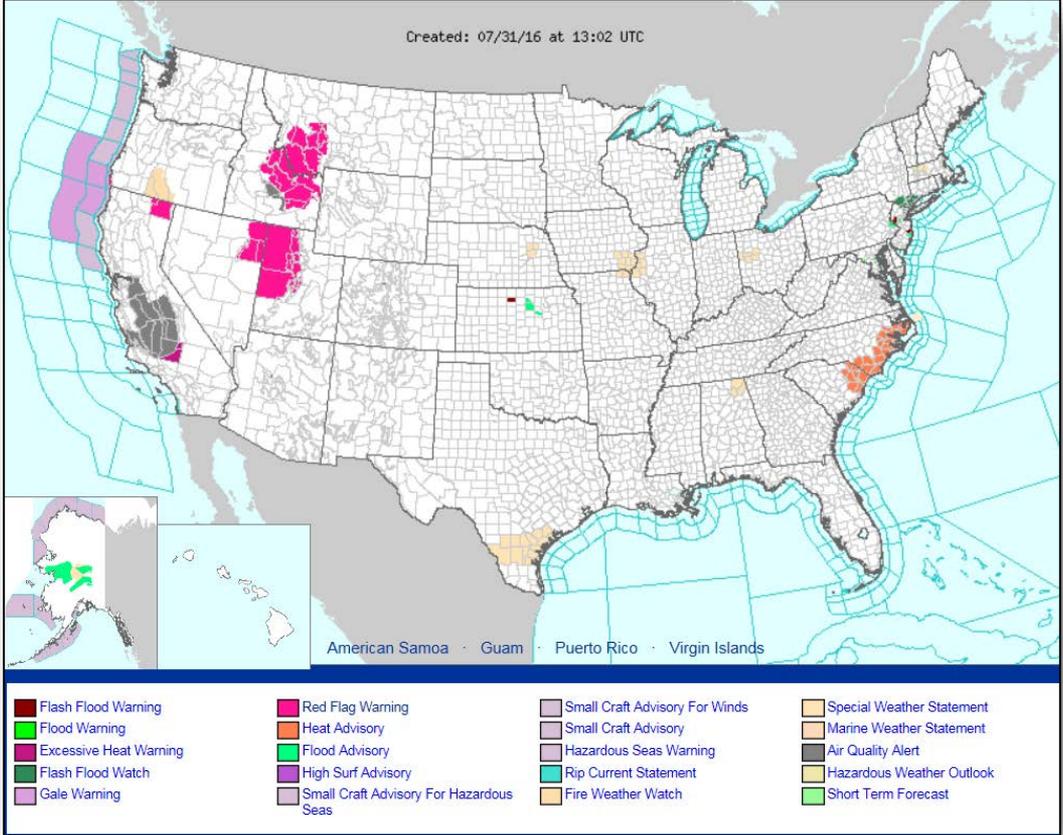


Today

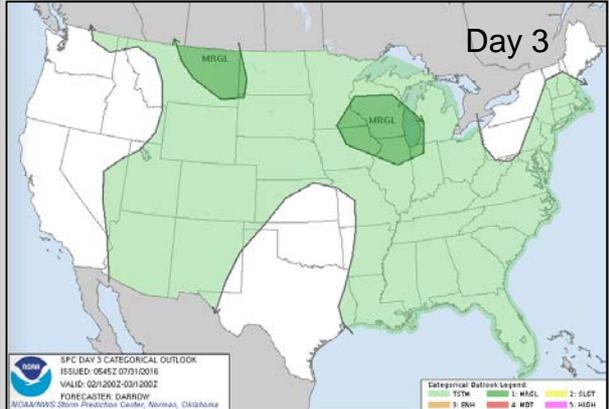
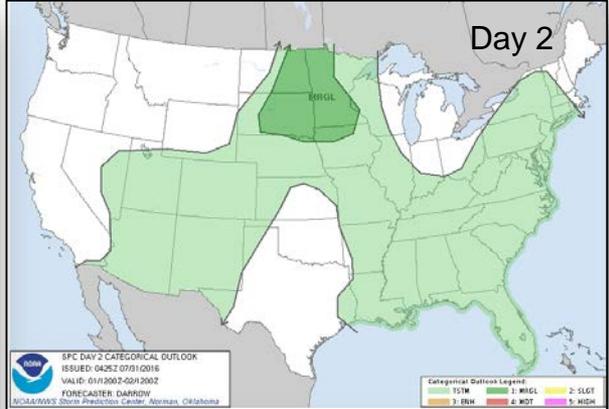
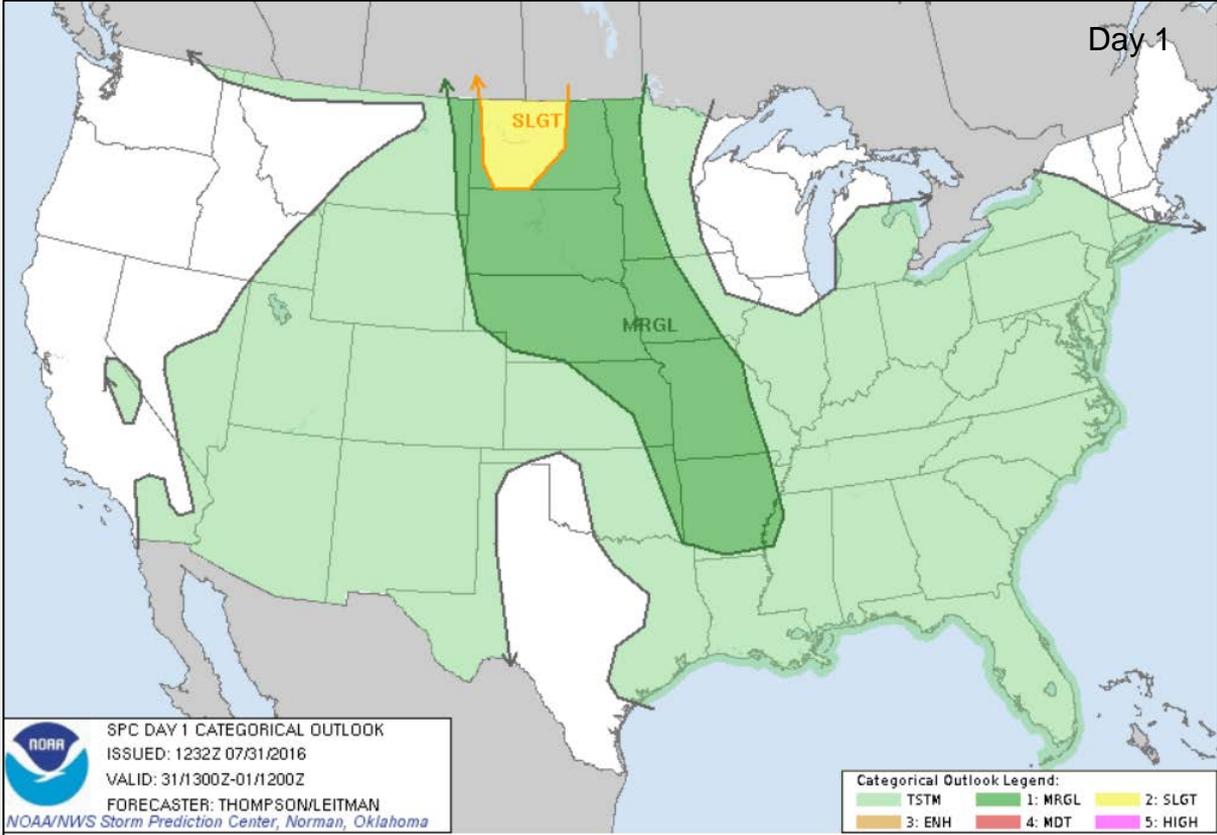


Tomorrow

Active Watches & Warnings



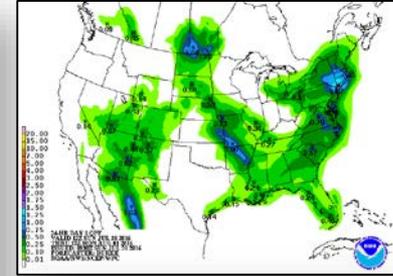
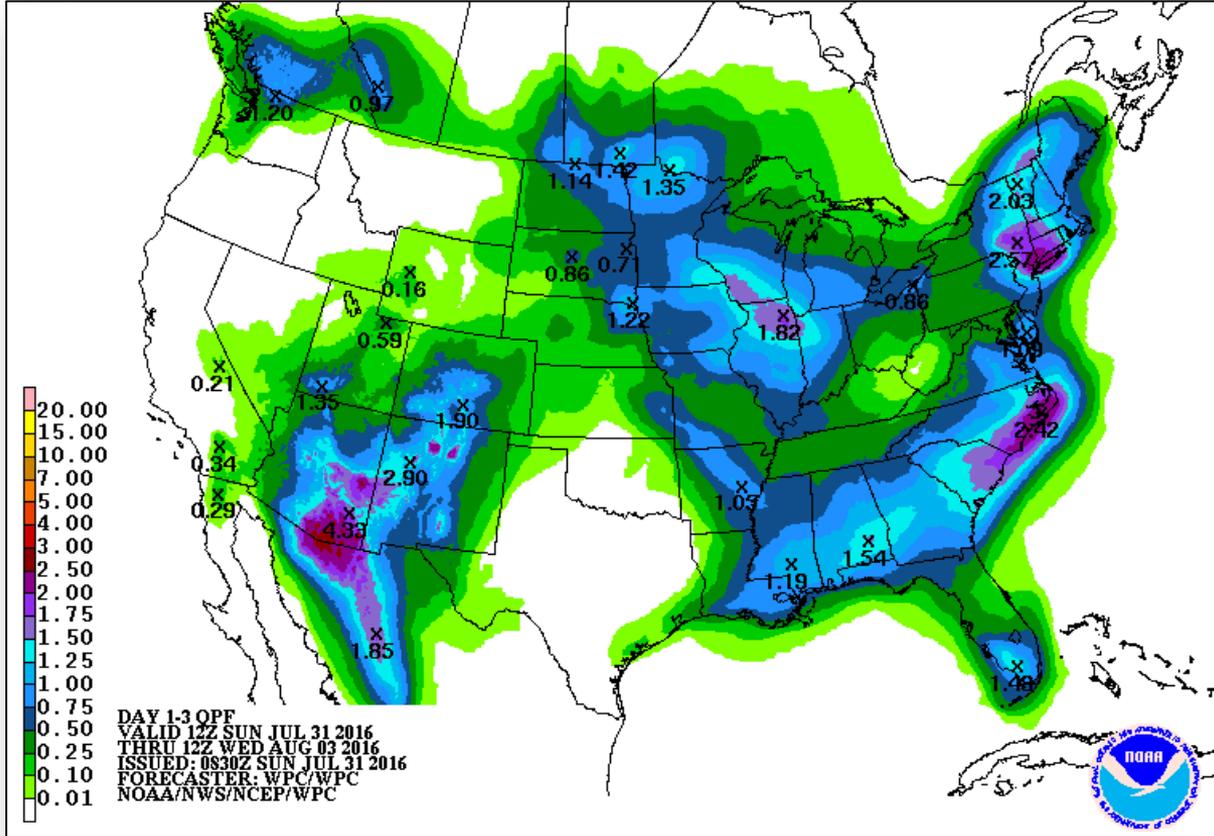
Severe Weather Outlook – Days 1-3



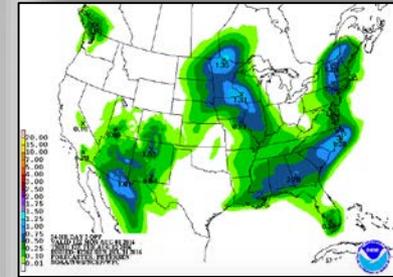
Precipitation Forecast – Days 1-3



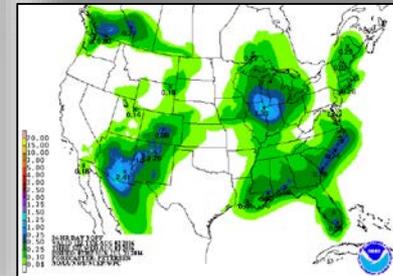
FEMA



Day 1

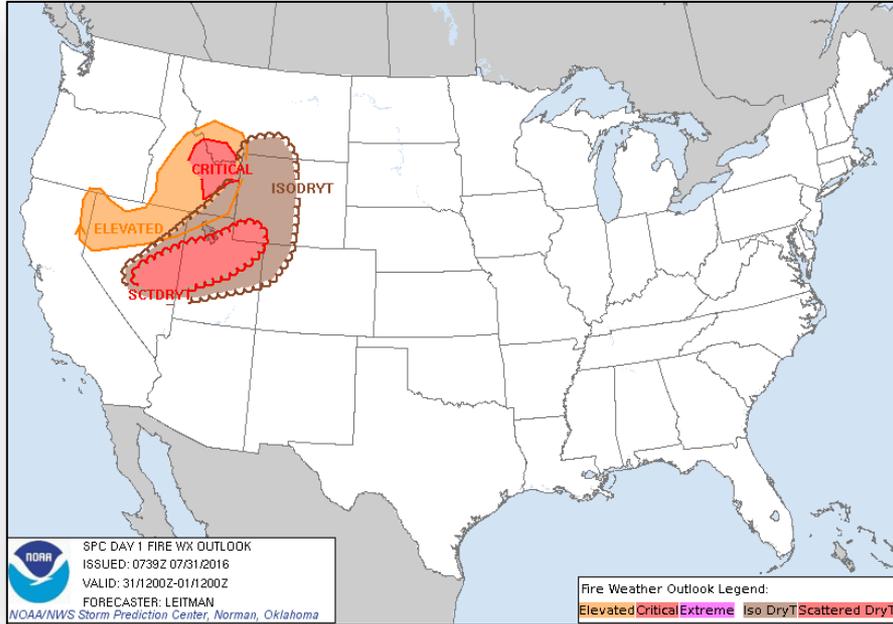


Day 2

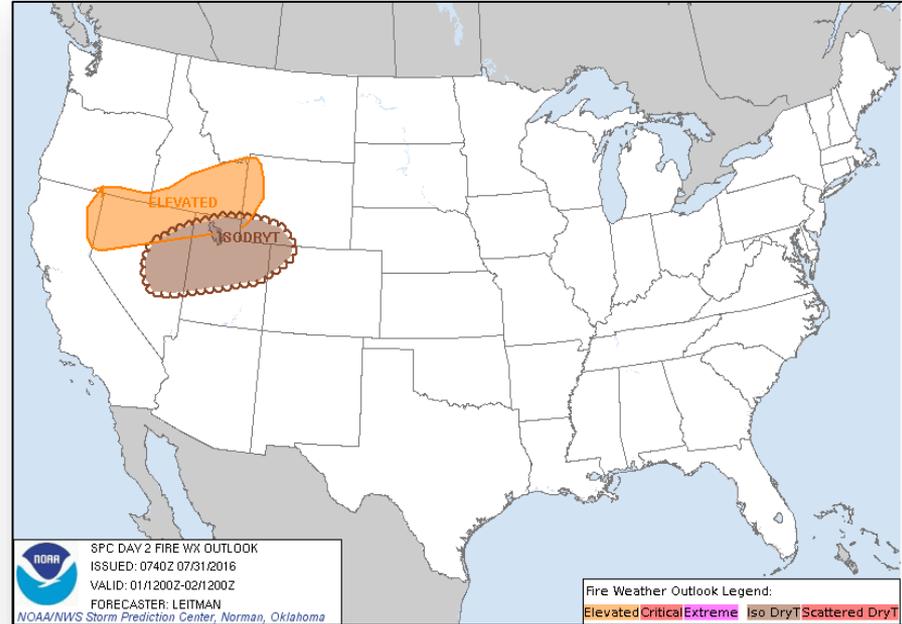


Day 3

Fire Weather Outlook

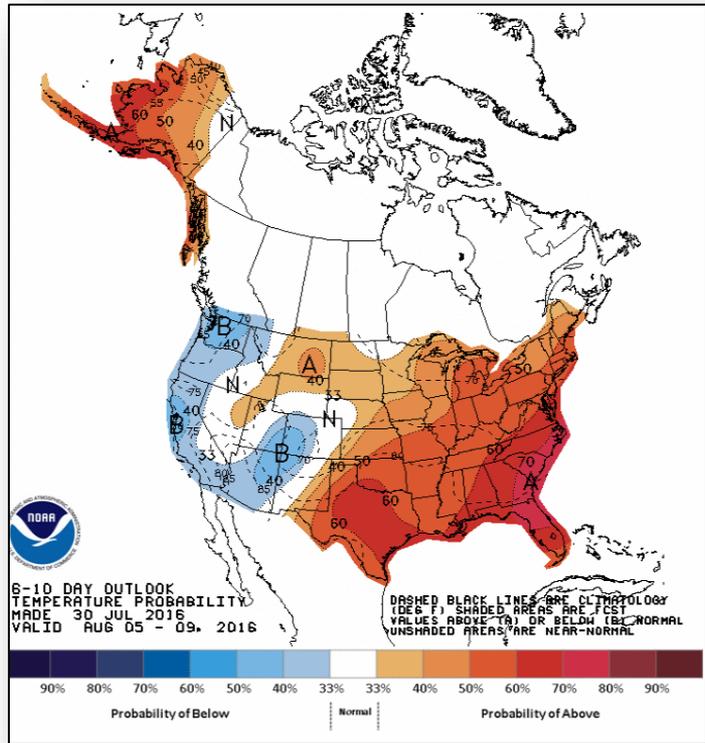


Day 1

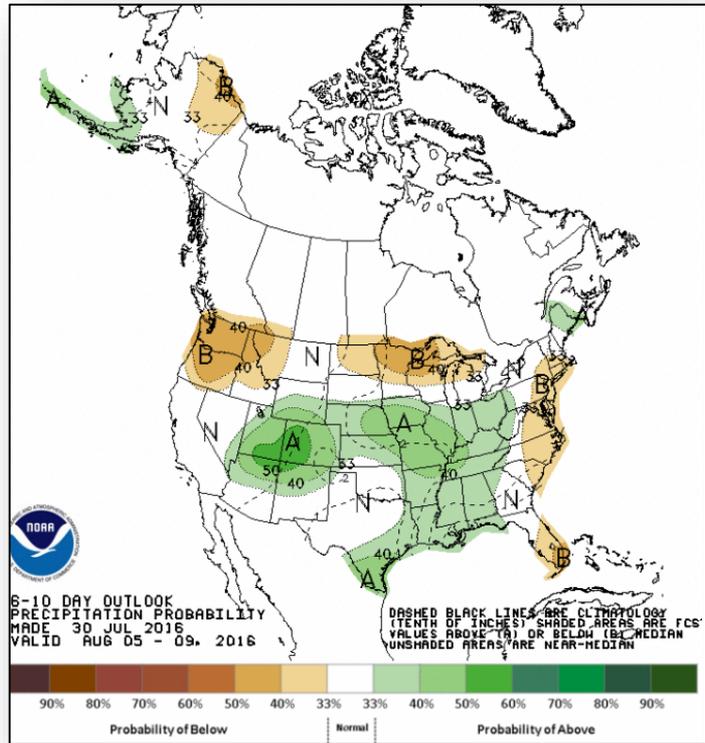


Day 2

6 - 10 Day Outlooks



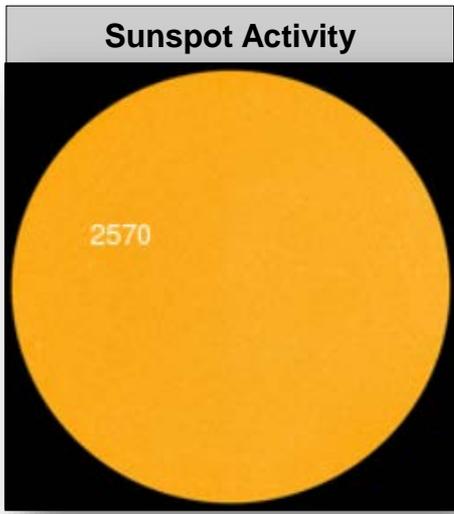
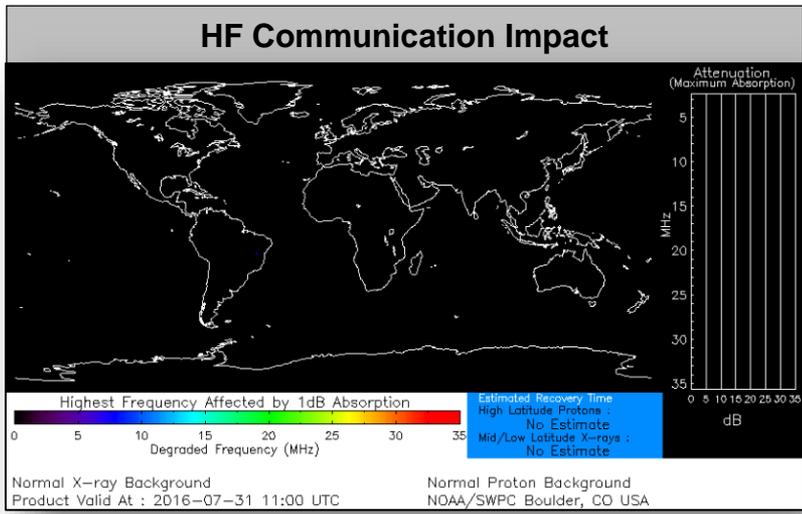
6 - 10 Day Temperature Probability



6 - 10 Day Precipitation Probability

Space Weather

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



Goose Fire – California



Fire Name	Location	Acres burned	% Contained	Est. Full Containment	FMAG	Structures Lost / Threatened	Fatalities / Injuries
Goose Fire	Prather, CA (Fresno County)	500	0%	none	FEMA-XXXX-FM-CA Approved July 30	6 / 200 homes	0 / 0

Current Situation

- Fire began July 30, 2016, on State and private land
- Threatened communities include Prather and Auberry (pop. 4,000)
- 200 homes immediately threatened; an additional 300 threatened in the near term
- Mandatory evacuations in effect for approximately 300 people
- No injuries or fatalities

Response

- Region IX RWC remains at Normal Operations
- Fire Management Assistance Grant (FMAG) approved July 30, 2016
- CA EOC is at Partial Activation for drought



Wildfire Summary



Fire Name (County)	FMAG #	Acres burned	% Contained	Evacuations (Residents)	Structures Threatened	Structures Damaged / Destroyed	Fatalities / Injuries
California (2)							
Soberanes Fire (Monterey County)	FEMA-5137-FM-CA	35,540 (+1,872)	15%	Mandatory	2,000 Homes	3 / 68 (+14) Homes	1 / 0
Goose Fire (Fresno County)	FEMA-XXXX-FM-CA	500	0%	Mandatory	200 Homes	0 / 6 Homes	0 / 0
Wyoming (2)							
Lava Mountain Fire (Fremont County)	FEMA-5136-FM-WY	12,724 (+555)	5% (-15)	Lifted	343 Homes	1 / 0	0 / 2
Tokewanna Mountain Fire (Uinta County)	FEMA-5139-FM-WY	1,252 (+506)	5%	Mandatory	40 Homes	57 (+57) / 8	0 /
Nevada (1)							
Rock Fire (FINAL) (Washoe County)	FEMA-5138-FM-NV	1,500	50% (+50)	Lifted	20 Homes	0 / 0	0 / 0

FMAG Requests and Declarations



Action (since last report)		Total	FMAG No. and State		
Requests DENIED		0			
Requests APPROVED		1	5139-WY		
Approved FMAG Data					
Year	Current YTD	MTD	Monthly Average	Cumulative Acres Burned YTD	Cumulative Denied FMAGs YTD
2016	26	9	7	228,566	3
Year	Total Previous FY	++ Yearly Average		Total Acres Burned Previous Year	Total Denied FMAGs Previous Year
2015	33	36		250,658	2
* Reflects the 3-year average for current month/ ** Reflects 3-year total average					

Joint Preliminary Damage Assessments



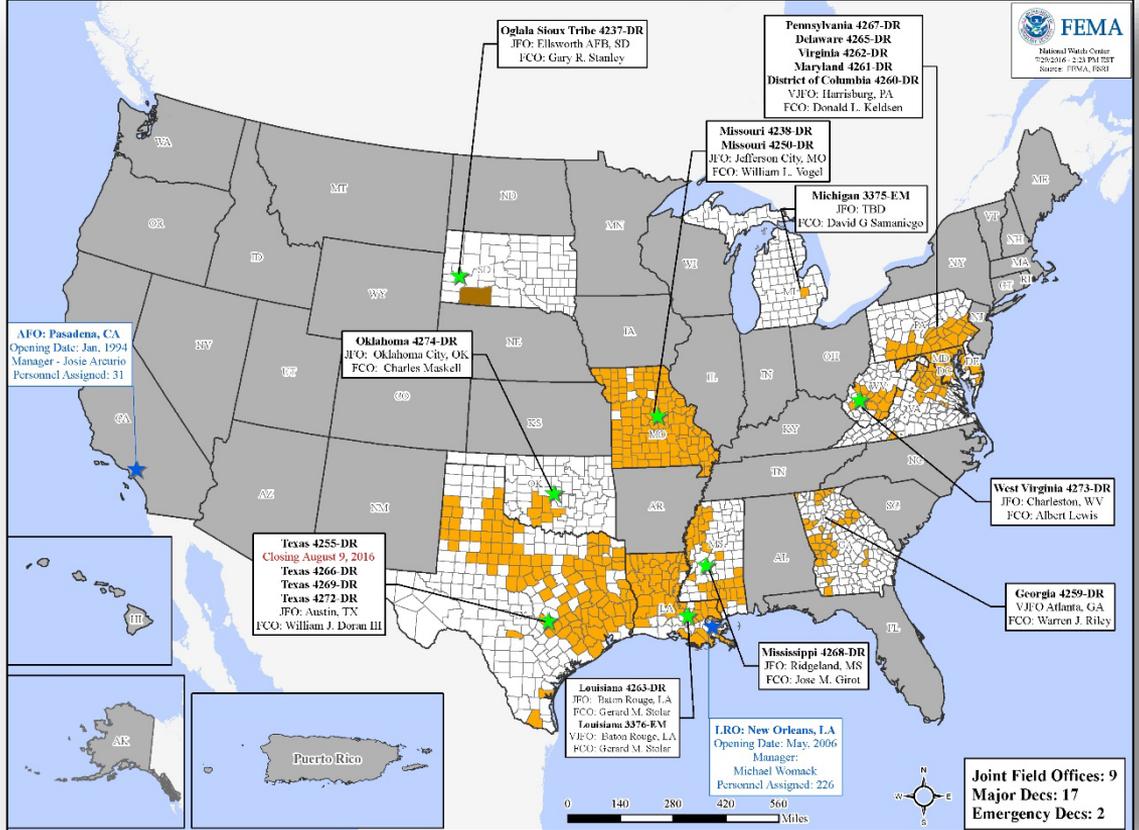
Region	State / Location	Event	I/PA	Number of Counties		Start – End
				Requested	Complete	
V	WI	Severe Storms & Flooding July 11-12, 2016	PA	8 counties 2 tribes	8 (+3) 2 (+1)	7/25 – 7/29
IV	KY	Severe storms, tornadoes, flooding & strong winds July 3-9, 2016	IA	2	0	8/2 – TBD
			PA	23	0	8/2 – TBD

Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	0
MT – DR Tornado	July 20, 2016		
KS – DR Severe Storms, Tornadoes, and Flooding	July 21, 2016		

Open Field Offices as of July 29, 2016



FEMA Readiness - Deployable Teams & Assets



Deployable Teams & Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		37	11	30%	0	3	23		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4 3 2 FDRC 3 2 1
FDRC		10	4	40%	0	0	6		
US&R		28	26	93%	1	0	1	NJ-TF1 Partially Mission Capable	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed
National IMAT		3	3	100%	0	0	0	West: Primary (On Call)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)
Regional IMAT		13	9	69%	0	0	4	Region IV: Team 1 Reconstituting (FMC – August 1) Region VII; Team 1 Reconstituting (FMC – August 7, 2016) <u>Deployed:</u> Region I: WV (4273-WV) Region III: WV (4273-WV)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement
MERS Teams		18	16	89%	0	0	2	<u>Deployed:</u> Denton: 1 Team to TX (4272-TX) Maynard: 1 Team to VT (EX Vigilant Guard 16)	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

FEMA Readiness - National & Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		



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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.



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Daily Operations Briefing

Monday, August 1, 2016

8:30 a.m. EDT

Significant Activity: July 29 – August 1



Significant Events: None

Tropical Activity:

- Atlantic – Disturbance 1 (Invest 97L) (High - 80%)
- Eastern Pacific – Tropical Storm Howard; Disturbance 1 (Low - 30%)
- Central Pacific – No tropical cyclones expected through Tuesday evening
- Western Pacific – No activity threatening U.S. interests

Significant Weather:

- Severe thunderstorms possible – Northern/Central Plains and Upper/Middle Mississippi valleys
- Flash flooding possible – Northern Plains/Upper Mississippi Valley to Ohio Valley; Southwest/Central Great Basin to Southern Rockies
- Rain and thunderstorms – Central Great Basin to Southwest to Southern Plains, Northern Plains to Northeast, Central Rockies to Mid-Atlantic, Lower Mississippi Valley and Southeast
- Elevated fire weather – CA, NV, UT, OR, ID & WY
- Red Flag Warnings – CA, OR, UT & WY
- Space Weather – No space weather storms observed past 24 hours; no storms predicted next 24 hours

Earthquake Activity: No significant activity

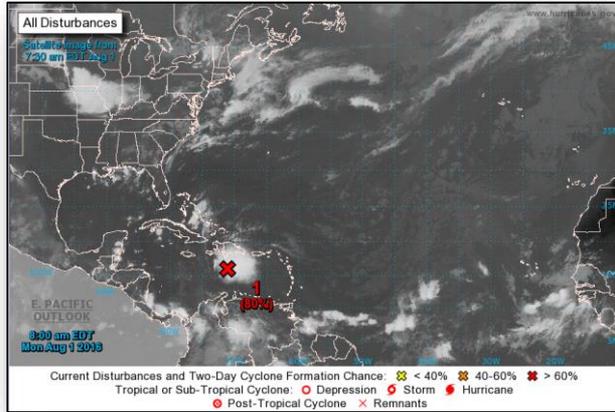
Wildfire Activity:

- CA – Soberanes Fire; Goose Fire
- NV – Virginia Mountains Complex Fire; Rock Fire (FINAL)
- WY – Lava Mountain Fire; Tokewanna Fire
- WA – South Ward Gap Fire

Declaration Activity:

- FMAGs approved - Virginia Mountains Complex fire, NV; South Ward Gap Fire, WA

Tropical Outlook - Atlantic

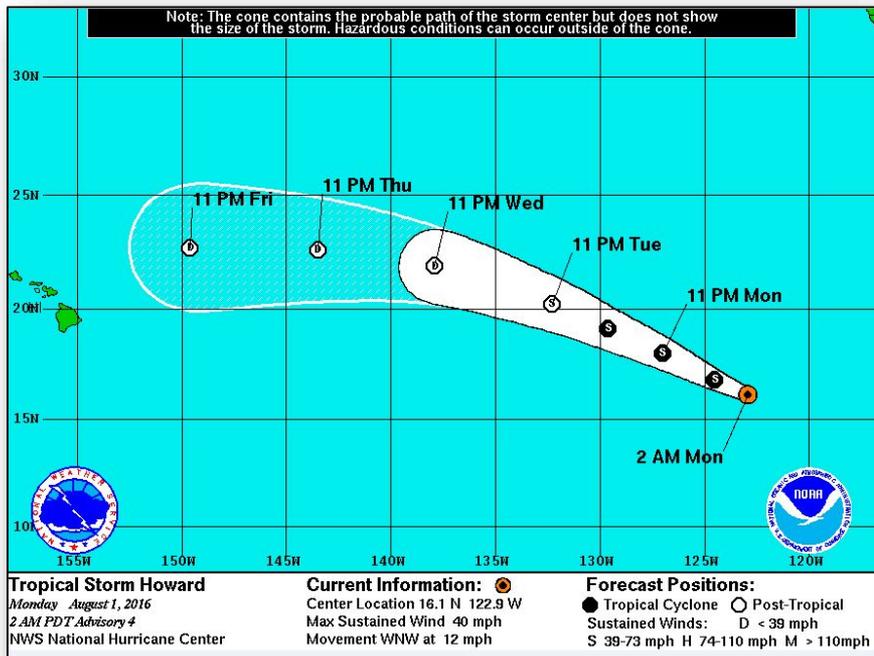


Disturbance 1 – Invest 97L (As of 8:00 a.m. EDT)

- Located 350 miles ESE of Kingston, Jamaica
- Moving W at 20-25 mph
- Thunderstorm activity associated with a strong and fast-moving tropical wave
- A tropical storm likely to form later today or tonight
- Formation chance through 48 hours: High (80%)
- Formation chance through 5 days: High (90%)



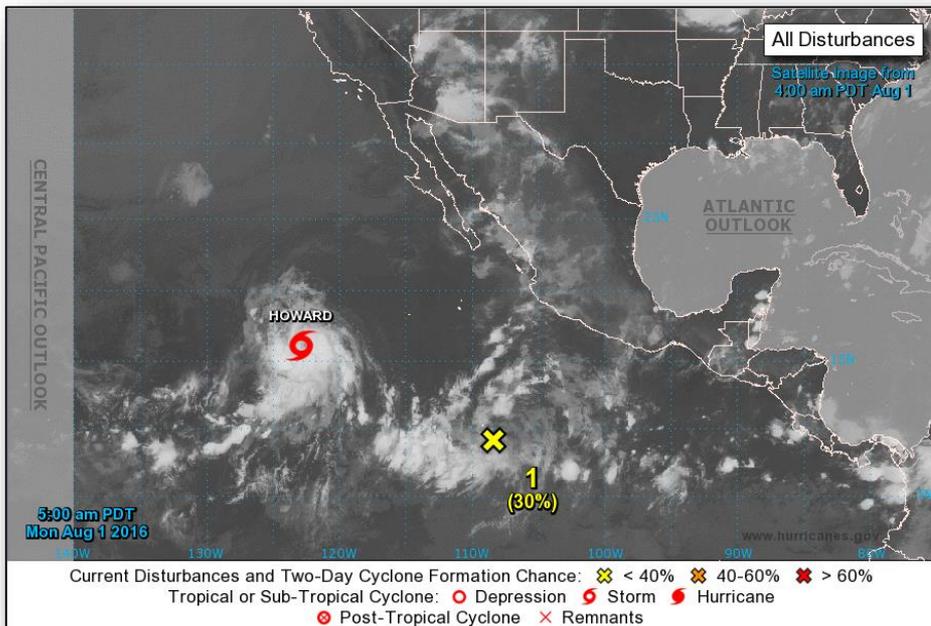
Tropical Outlook - Eastern Pacific



Tropical Storm Howard (Advisory #4 As of 5:00 a.m. EDT)

- Located 965 miles WSW of southern tip of Baja California, Mexico
- Moving WNW at 12 mph
- This general motion expected to continue next couple of days
- Maximum sustained winds 40 mph
- Some additional strengthening forecast today and Tues morning
- Gradual weakening expected to begin by Tues night and Wed
- Tropical storm force winds extend 45 miles

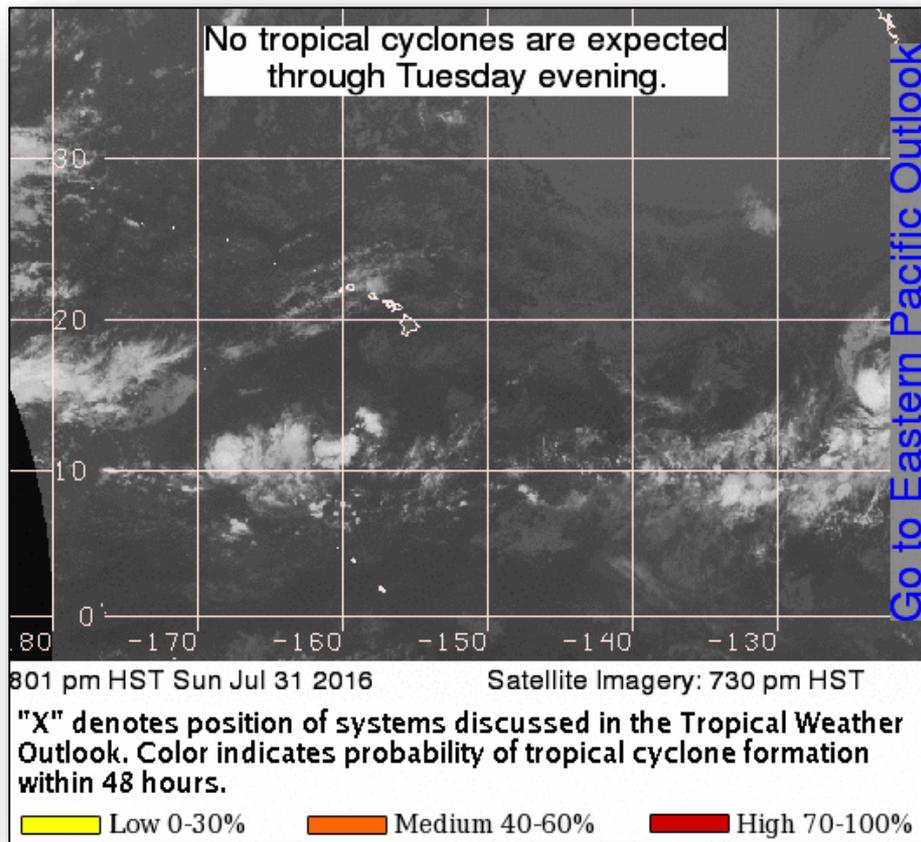
Tropical Outlook - Eastern Pacific



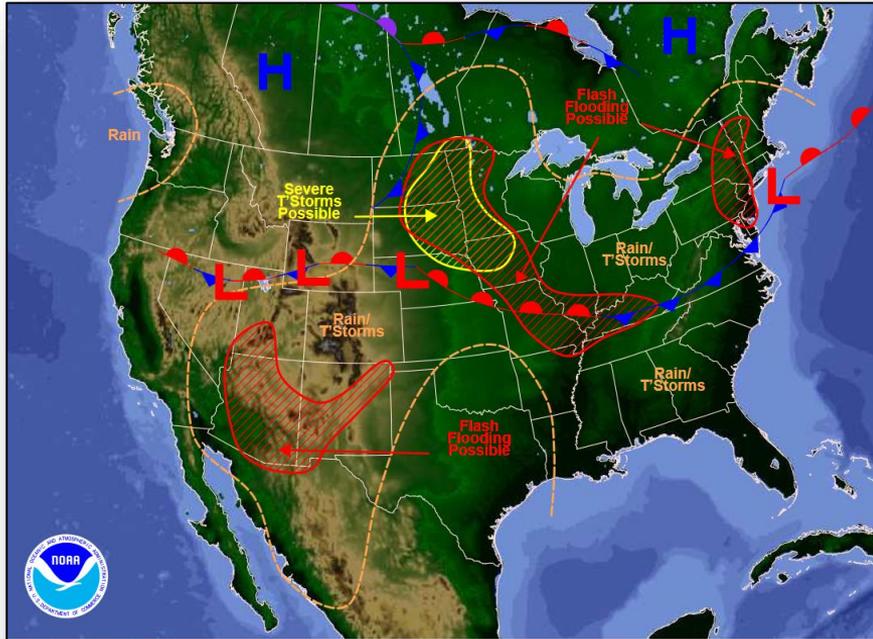
Disturbance 1 (As of 8:00 a.m. EDT)

- Located several hundred miles SSW of southern tip of Baja California peninsula, Mexico
- Moving WNW at 10-15 mph
- Conditions expected to be conducive for gradual development
- Tropical depression likely to form later this week
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: High (80%)

Tropical Outlook - Central Pacific

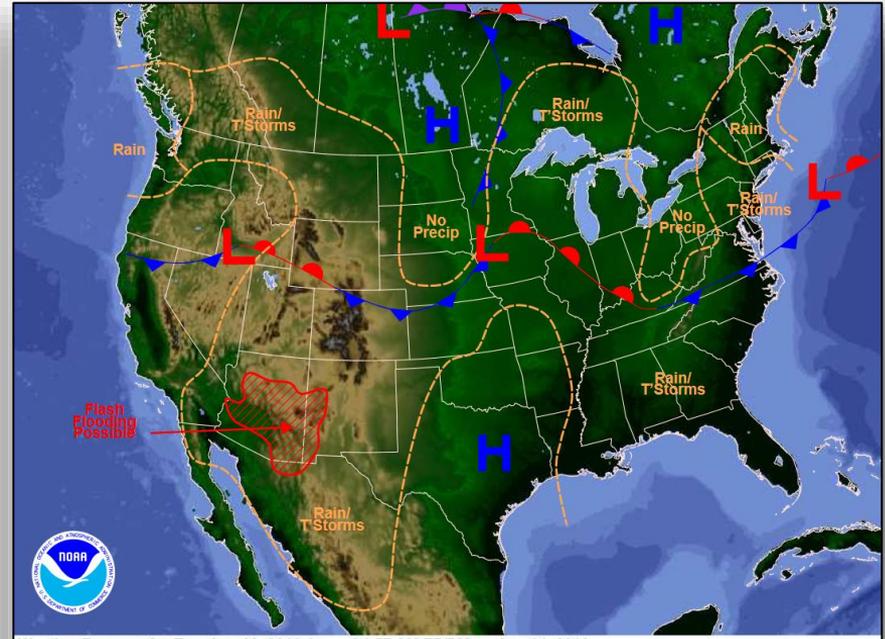


National Weather Forecast



Weather Forecast for Mon, Aug 01, 2016, issued 4:46 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Today



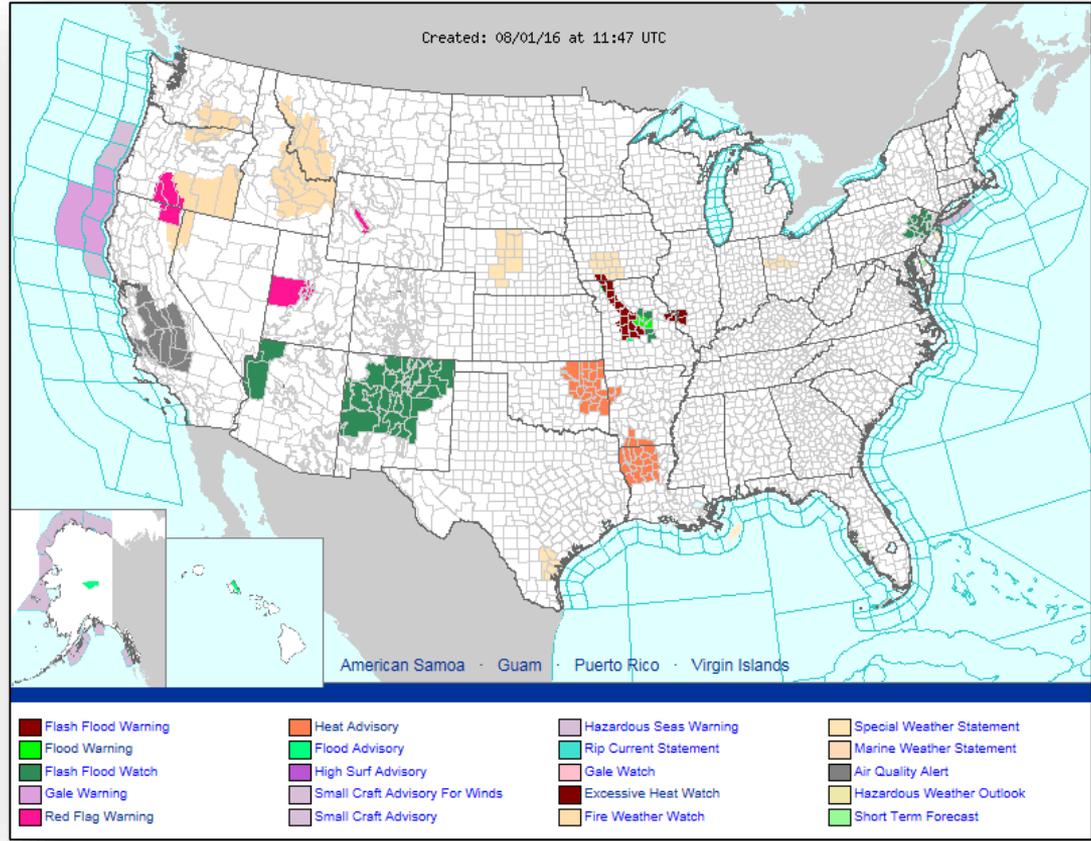
Weather Forecast for Tue, Aug 02, 2016, issued 4:57 AM EDT Mon, Aug 01, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

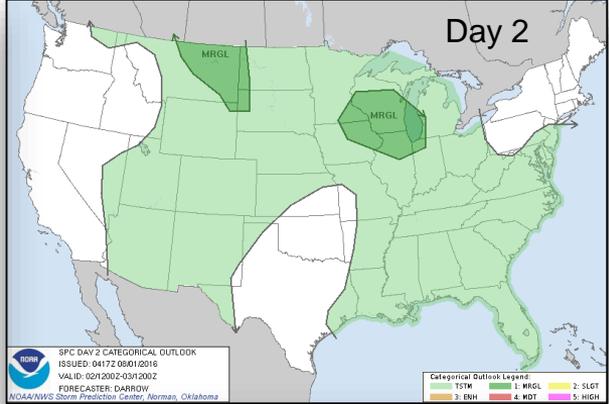
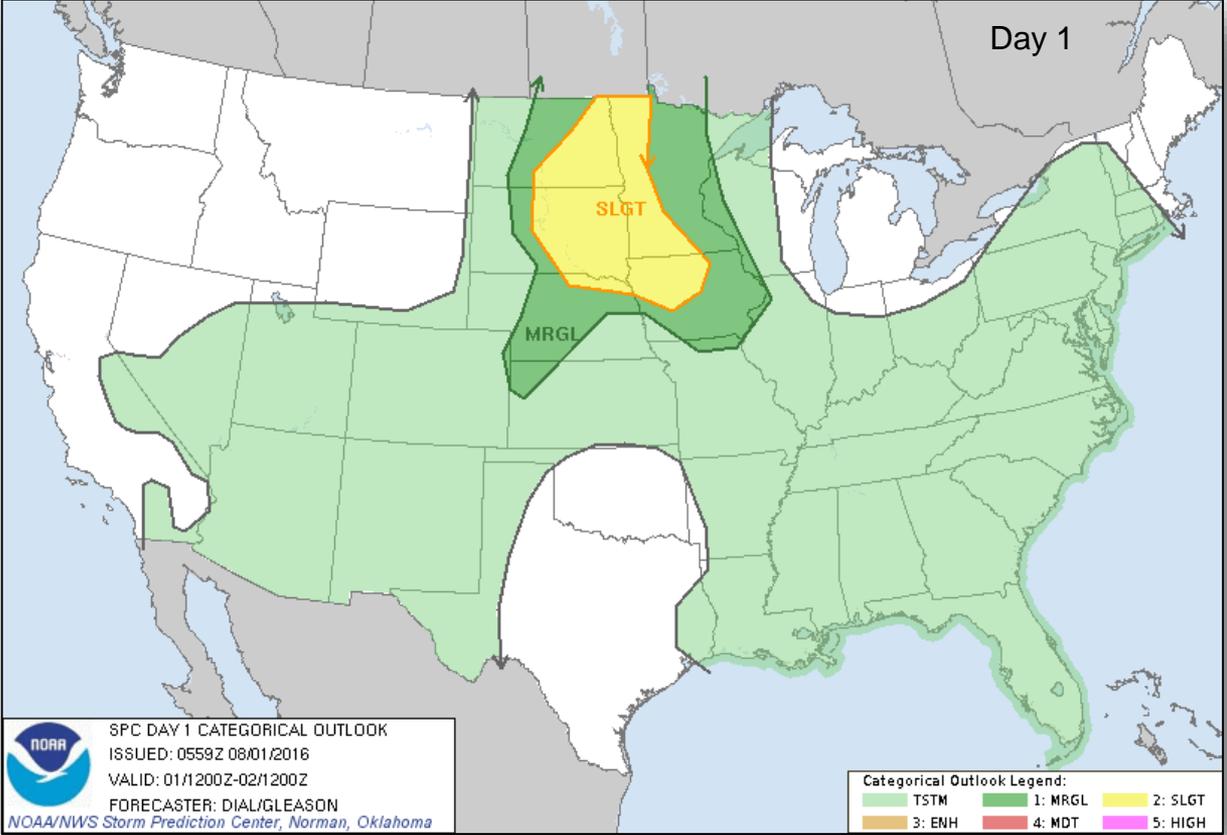
Active Watches & Warnings



FEMA



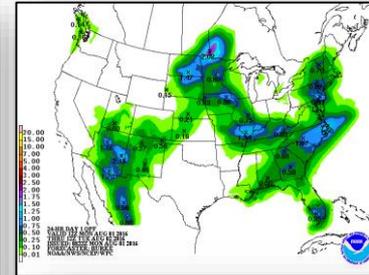
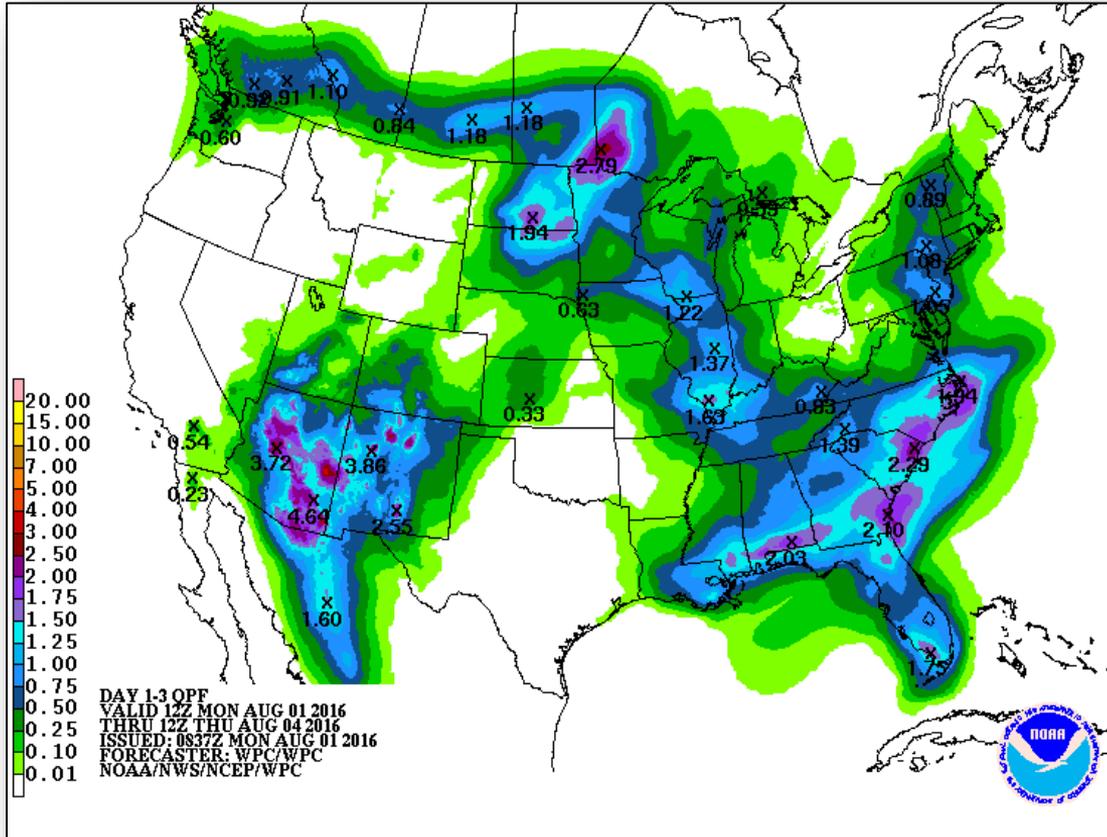
Severe Weather Outlook: Days 1-3



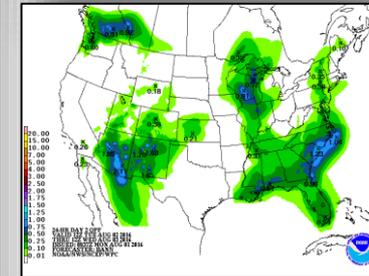
Precipitation Forecast: Days 1-3



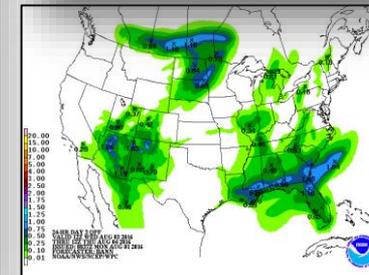
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Day 1

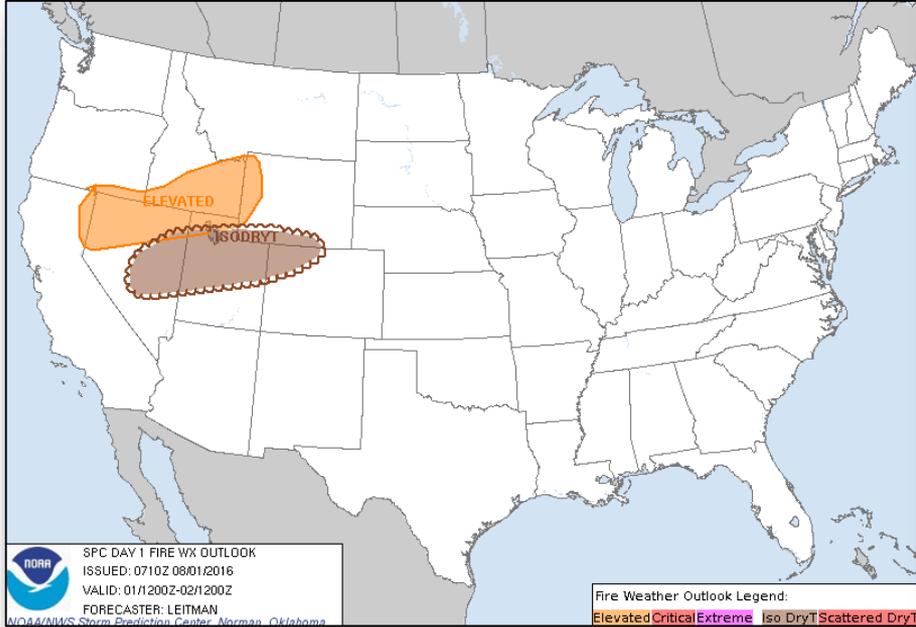


Day 2

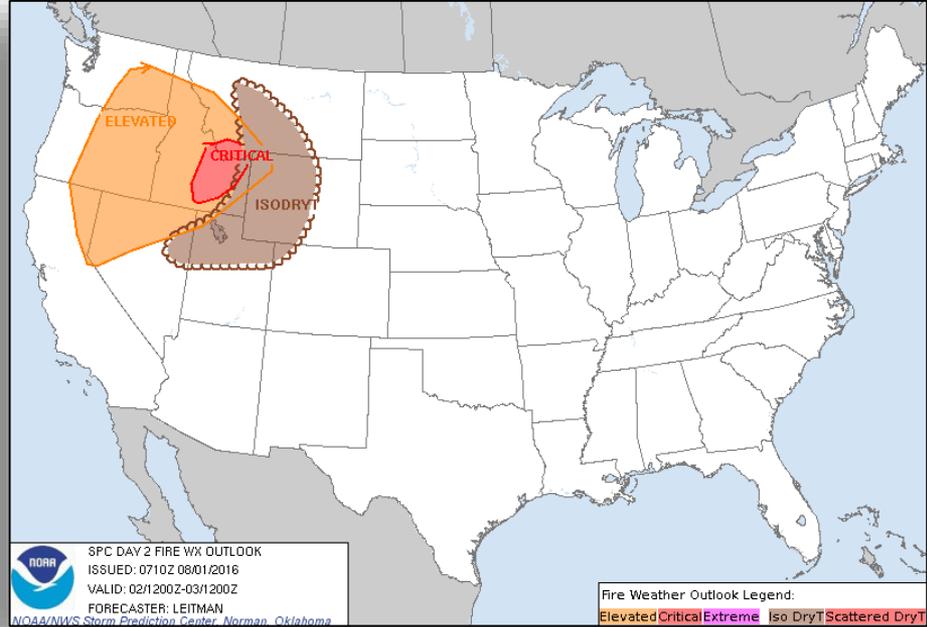


Day 3

Fire Weather Outlook

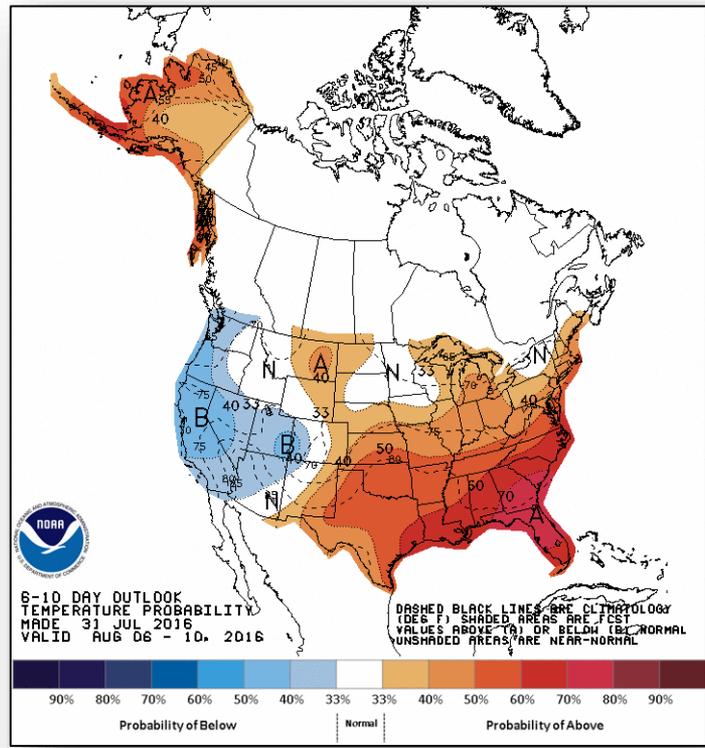


Day 1

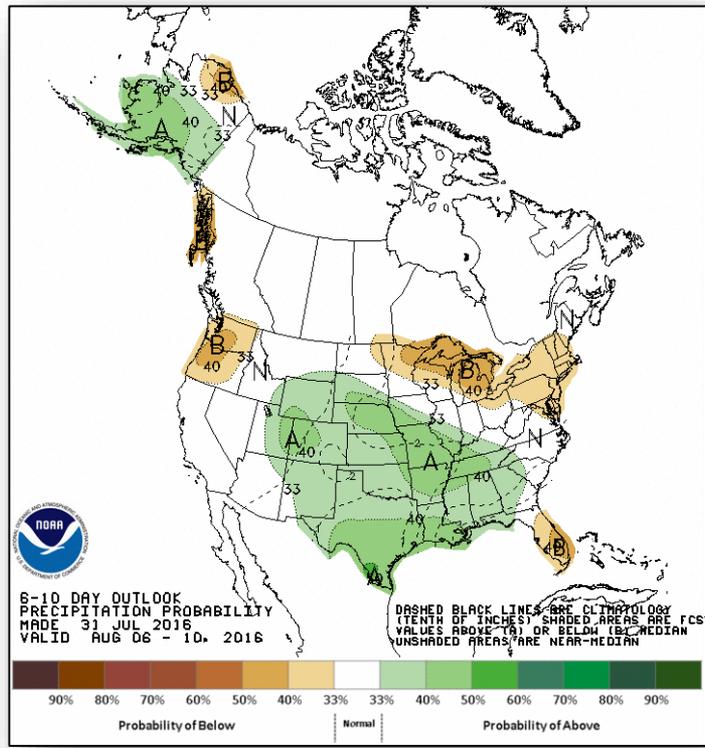


Day 2

6 - 10 Day Outlooks



6 - 10 Day Temperature Probability



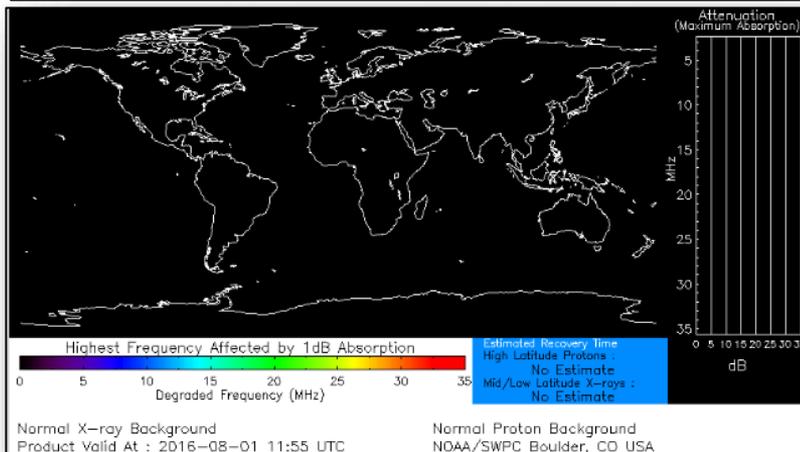
6 - 10 Day Precipitation Probability



Space Weather

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

HF Communication Impact



Sunspot Activity



Virginia Mountains Complex Fire - NV



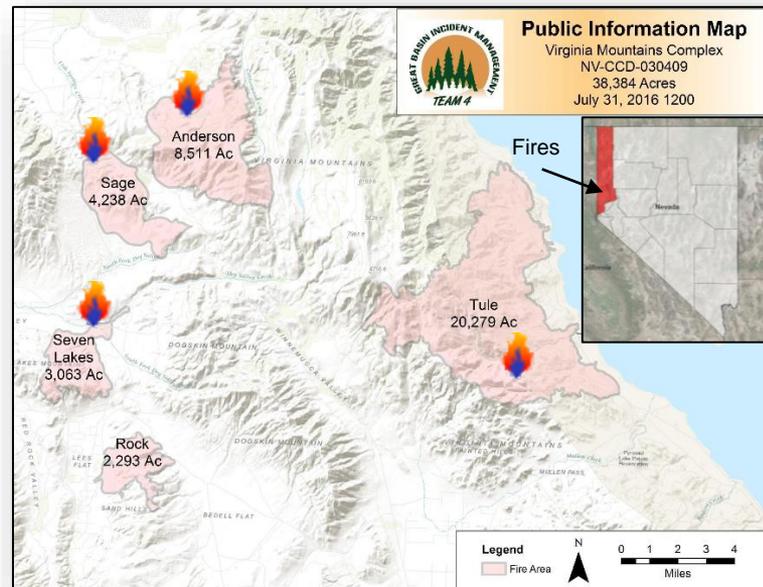
Fire Name	Location	Acres burned	% Contained	Est. Full Containment	FMAP	Structures Lost / Threatened	Fatalities / Injuries
Virginia Mountains Complex Fire	Washoe County	36,091	35%	August 6	FEMA-5141-FM-NV Approved July 31	6 homes / 202 (75 homes)	0 / 0

Current Situation

- Fire began July 31, 2016 and is burning on federal, state, county, private, and tribal lands, located 35 miles north of Reno
- Complex consists of four fires (Tule, Anderson, Sage, and Seven Lakes); Rock Fire is not part of the complex
- Mandatory evacuations in effect

Response

- NV EOC at Partial Activation (for drought)
- Region IX RWC remains at Watch/Steady State



 - Signifies fires encompassed in the Complex Fire

South Ward Gap Fire - WA



Fire Name	Location	Acres burned	% Contained	Est. Full Containment	FMAP	Structures Lost / Threatened	Fatalities / Injuries
South Ward Gap	Benton County	1,000	0%	None	FEMA-5142-FM-WA Approved August 1	0 / 50 homes	0 / 0

Current Situation

- Fire began July 31, 2016 and is burning south of Prosser, WA (pop. 5,800)
- Mandatory evacuations in effect for 200 people
- 1 shelter open with no occupants (*ARC Midnight Shelter Count as of 6:22 am EDT*)
- No injuries or fatalities

Response

- WA EOC at Partial Activation (for wildfires)
- Region X RWC remains at Watch/Steady State



Wildfire Summary



Fire Name (County)	FMA #	Acres burned	% Contained	Evacuations (Residents)	Structures Threatened	Structures Damaged / Destroyed	Fatalities / Injuries
Wyoming (2)							
Lava Mountain Fire (Fremont County)	FEMA-5136-FM-WY	13,203 (+479)	40% (+35)	Mandatory	12,223 (343 homes)	2 (+1) / 0	0 / 2
Tokewanna Fire (Uinta County)	FEMA-5139-FM-WY	1,313 (+61)	24% (+19)	Mandatory	148 (131 homes) (+91)	0 / 8	0 / 0
California (2)							
Soberanes Fire (Monterey County)	FEMA-5137-FM-CA	40,000 (+4,460)	18% (+3)	Mandatory	2,000 homes	5 (3 homes) / 68 (57 homes)	1 / 1 (+1)
Goose Fire (Fresno County)	FEMA-5140-FM-CA	1,800 (+1,300)	5% (+5)	Mandatory	200 homes	0 / 0	0 / 0
Nevada (1)							
Rock Fire (FINAL) (Washoe County)	FEMA-5138-FM-NV	2,293 (+793)	80% (+30)	Lifted	0	0 / 0	0 / 0

Joint Preliminary Damage Assessments



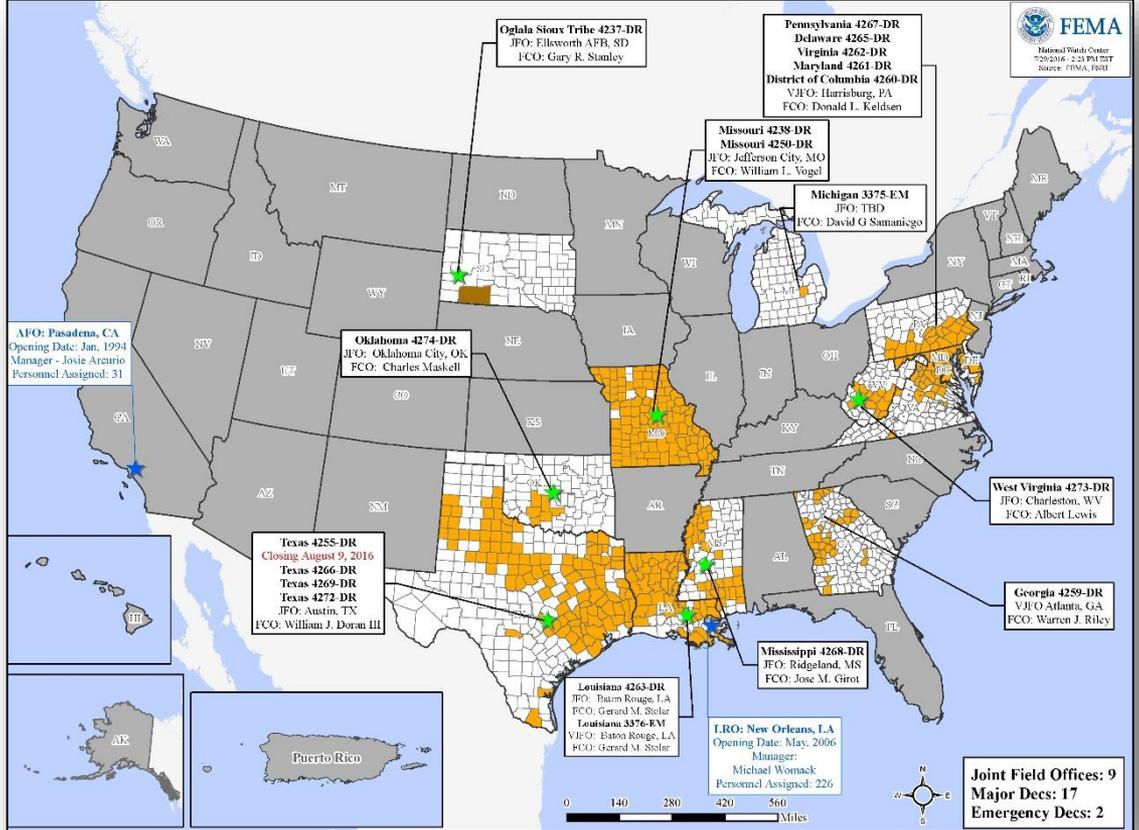
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
V	WI	Severe Storms & Flooding July 11-12, 2016	PA	8 counties 2 tribes	8 (+3) 2 (+1)	7/25 – 7/29
IV	KY	Severe storms, tornadoes, flooding & strong winds July 3-9, 2016	IA	2	0	8/2 – TBD
			PA	23	0	8/2 – TBD

Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	0
MT – DR Tornado	July 20, 2016		
KS – DR Severe Storms, Tornadoes, and Flooding	July 21, 2016		

Open Field Offices as of August 1, 2016



FEMA Readiness - Deployable Teams & Assets



Deployable Teams & Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		37	11	30%	0	3	23		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4 3 2 FDRC 3 2 1
FDRC		10	4	40%	0	0	6		
US&R		28	26	93%	1	0	1	NJ-TF1 Partially Mission Capable PA-TF1 returned to Fully Mission Capable	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed
National IMAT		3	3	100%	0	0	0	East 2: Primary (On Call)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)
Regional IMAT		13	10	77%	0	0	3	Deployed: Region I: WV (4273-WV) Region III: WV (4273-WV) Region VII: Reconstituting (FMC – August 7, 2016)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement
MERS Teams		18	16	89%	0	0	2	Deployed: Denton: 1 Team to TX (4272-TX) Maynard: 1 Team to VT (EX Vigilant Guard 16)	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

FEMA Readiness - National & Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC	Green	5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC	Green	2	2	100%	0	0	Not Activated		
HLT	Green	1	1	100%	0	0	Activated		
DEST	Green						Not Activated		
RRCCs	Green	10	10	100%	0	0	Not Activated		
RWCs/MOCs	Green	10	10	100%	0	0	Not Activated		



FEMA

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.



FEMA

Daily Operations Briefing

Tuesday, August 2, 2016

8:30 a.m. EDT

Significant Activity: August 1-2



Significant Events: Flash Flooding - Ellicott City, MD

Tropical Activity:

- Atlantic – Disturbance 1- Invest 97L (High - 80%)
- Eastern Pacific – Tropical Storm Howard; Disturbance 1 – Invest 92E (Medium - 50%)
- Central Pacific – No tropical cyclones expected through Wednesday evening
- Western Pacific – No activity threatening U.S. interests

Significant Weather:

- Flash flooding possible – Southwest, Middle Mississippi and Ohio valleys
- Rain and thunderstorms – Northern Intermountain to Northern Plains, Southwest, and Southern Plains, Upper Mississippi to Lower Mississippi Valley and Southeast, Mid-Atlantic to Northeast
- Elevated/critical fire weather – CA, NV, OR, WA, ID & MT
- Isolated dry thunderstorms – NV, UT, CO, WY & MT
- Red Flag Warnings – CA, NV, OR, WA, ID, MT, UT & WY
- Space Weather – Past 24 hours – none; next 24 hours – moderate with G2 geomagnetic storms likely

Earthquake Activity: No significant activity

Declaration Activity:

- Amendments No. 7 & No. 8 to FEMA-4272-DR-TX
- FMAG approved - Roaring Lion Fire, MT

Flash Flooding - Ellicott City, MD



Situation

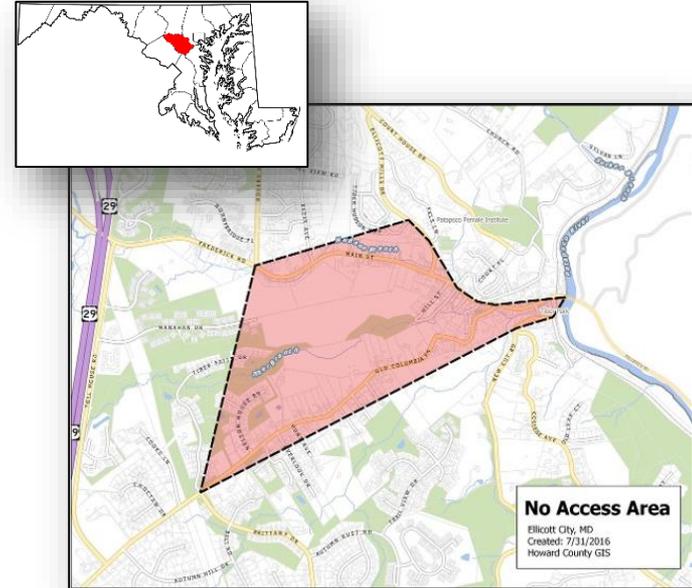
- Ellicott City (pop 66k) in Howard County, MD was heavily damaged by flash flooding Saturday evening, July 30, 2016
- 5.5 inches of rain fell in a two-hour period; more than 6.6 inches total accumulation
- Significant number of water rescues occurred July 30-31
- [2 confirmed fatalities and several injuries reported](#)
- Many buildings in historic Ellicott City sustained severe structural damage
- Some roadways have buckled or have been washed out - road closures in effect
- Vehicles and trees are stuck in the water control channel

State/Local Response

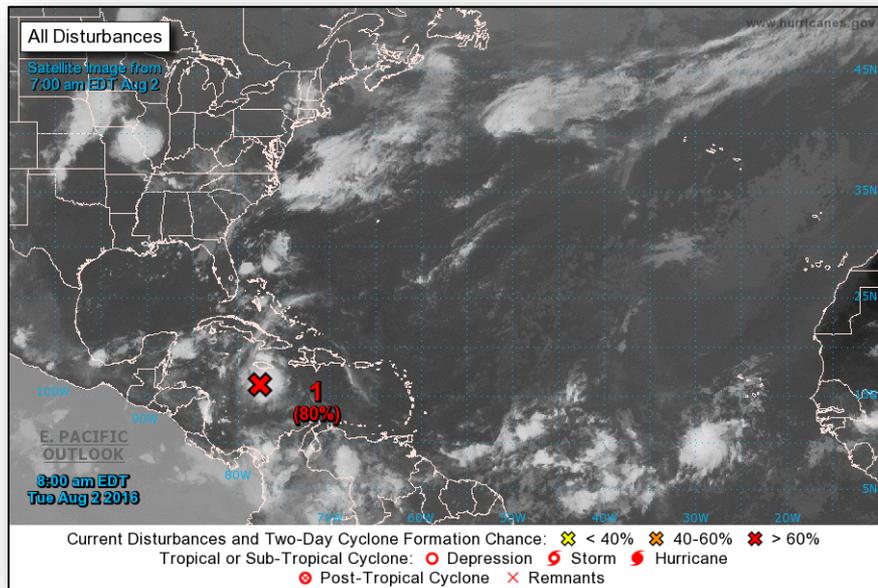
- Local damage assessments ongoing
- No civilians allowed to enter the area
- Governor declared a state of emergency on July 31
- MD EOC at Partial Activation; Howard County EOC at Full Activation
- Baltimore Regional IMT, PA IMT and local US&R deployed to Logistics Staging Area

Federal Response

- FEMA Region III at Watch/Steady State
- [FEMA Region III LNO deployed to MD EOC today](#)
- [Joint PA PDA to begin August 4](#)



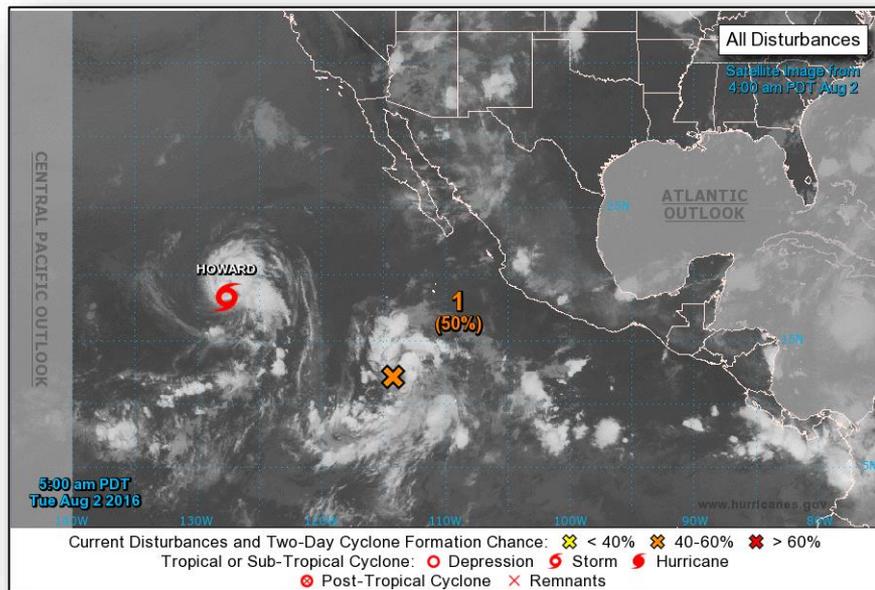
Tropical Outlook - Atlantic



Disturbance 1 – Invest 97L (As of 8:00 a.m. EDT)

- Located just S of Jamaica
- Moving W at 20 mph
- Conditions favorable for additional development
- Tropical storm likely to form later today
- USAF reconnaissance aircraft en-route to investigate
- Formation chance through 48 hours: High (80%)
- Formation chance through 5 days: High (90%)

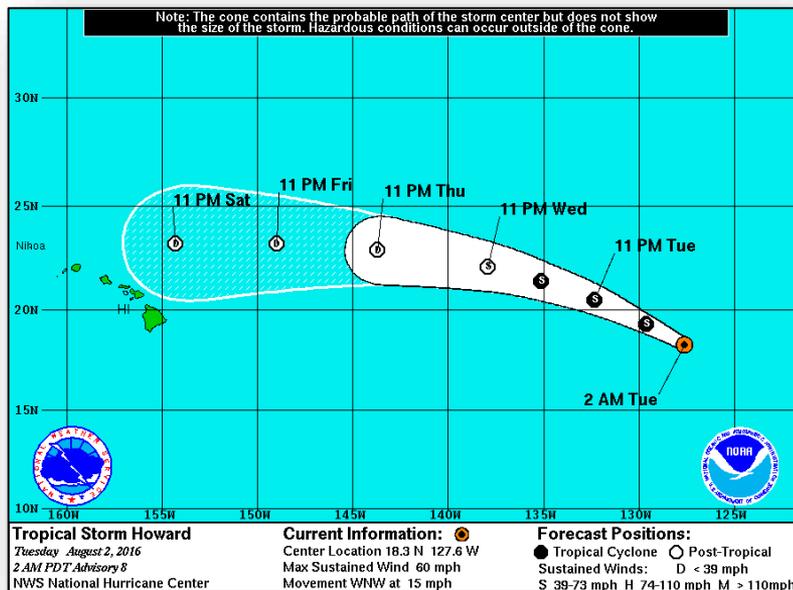
Tropical Outlook - Eastern Pacific



Disturbance 1 – Invest 92E (As of 8:00 a.m. EDT)

- Located 800 miles SSW of southern tip of Baja California peninsula, Mexico
- Moving WNW at 15 mph
- Conditions expected to be conducive for gradual development
- Tropical depression likely to form later this week
- Formation chance through 48 hours: Medium (50%)
- Formation chance through 5 days: High (90%)

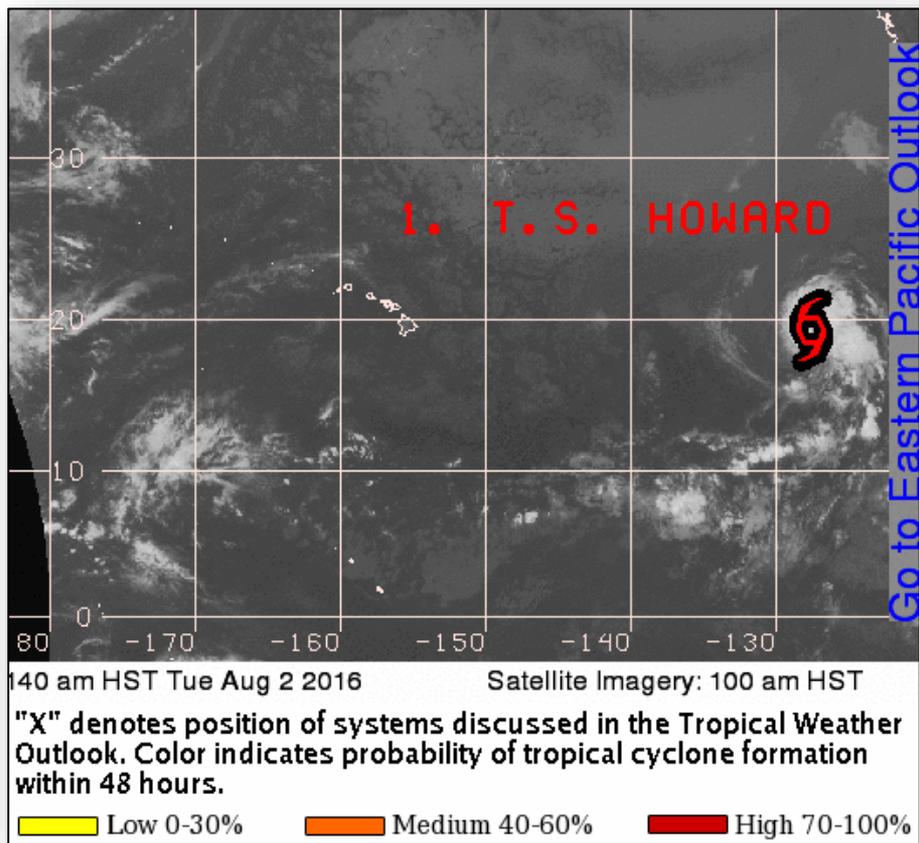
Tropical Outlook - Eastern Pacific



Tropical Storm Howard (*Advisory #8 As of 5:00 a.m. EDT*)

- Located 1,185 miles WSW of southern tip of Baja California, Mexico
- Moving WNW at 15 mph
- This general motion expected to continue next couple of days
- Maximum sustained winds 60 mph
- Little change in strength expected today
- Gradual weakening forecast to begin by tonight or early Wed
- Tropical storm force winds extend 105 miles

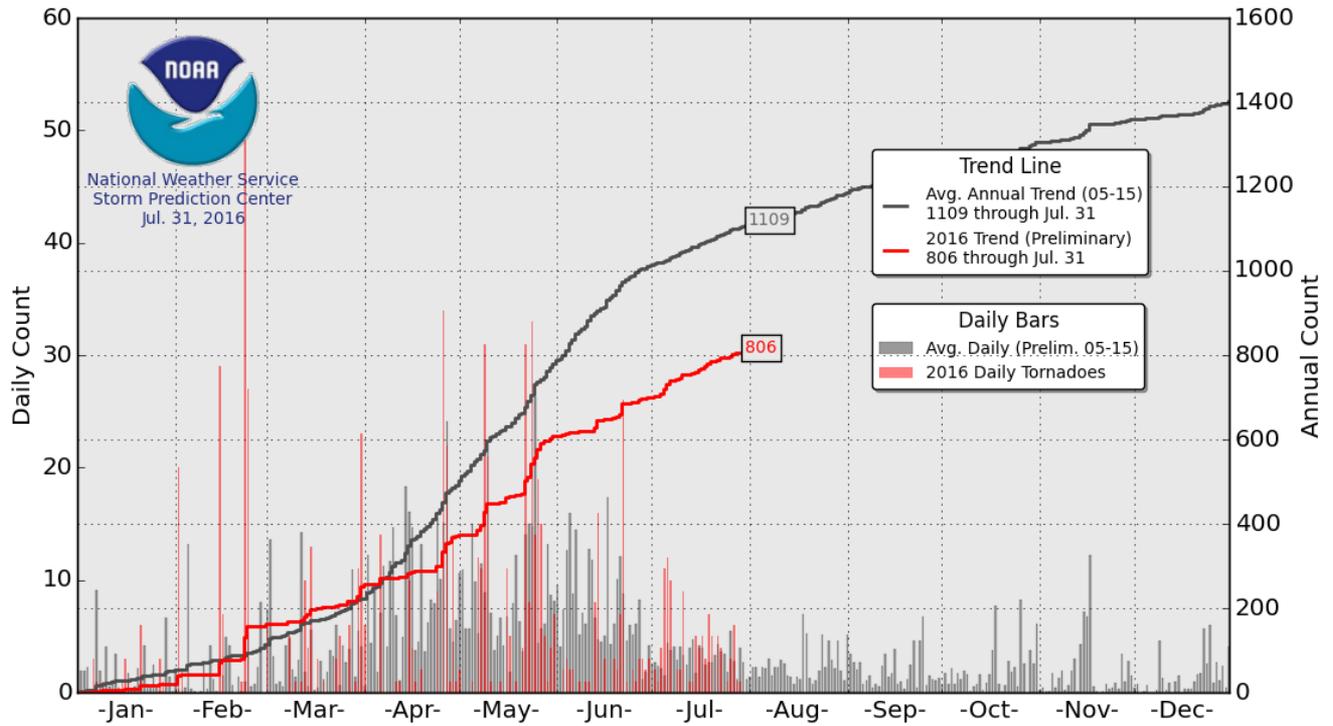
Tropical Outlook - Central Pacific



2016 Tornado Activity to date



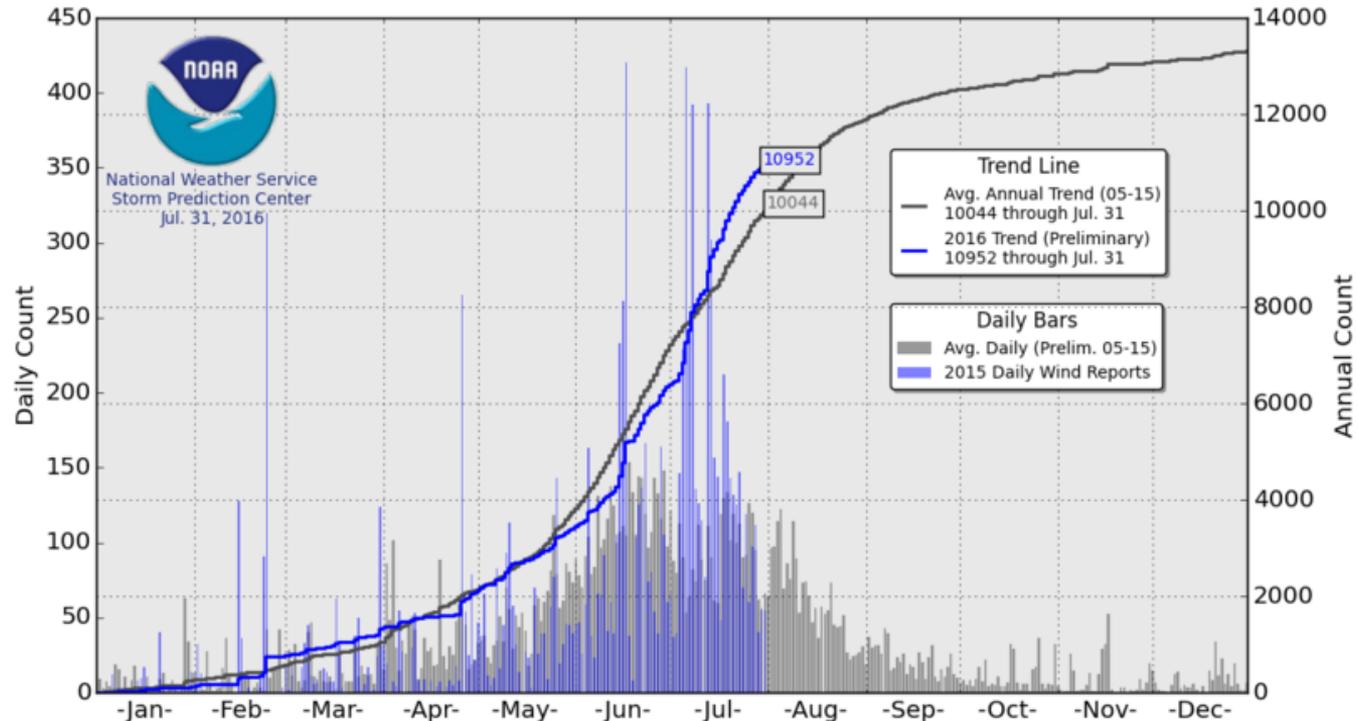
U.S. Tornadoes: Daily Count and Running Annual Trend*



*Preliminary tornadoes from NWS Local Storm Reports (LSRs)
Daily and annual averages are based on preliminary LSRs, 2005-2015

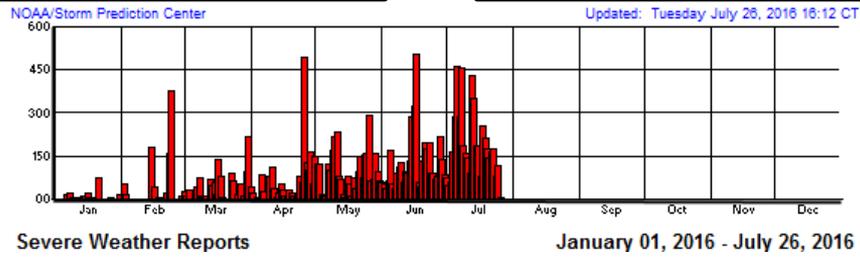
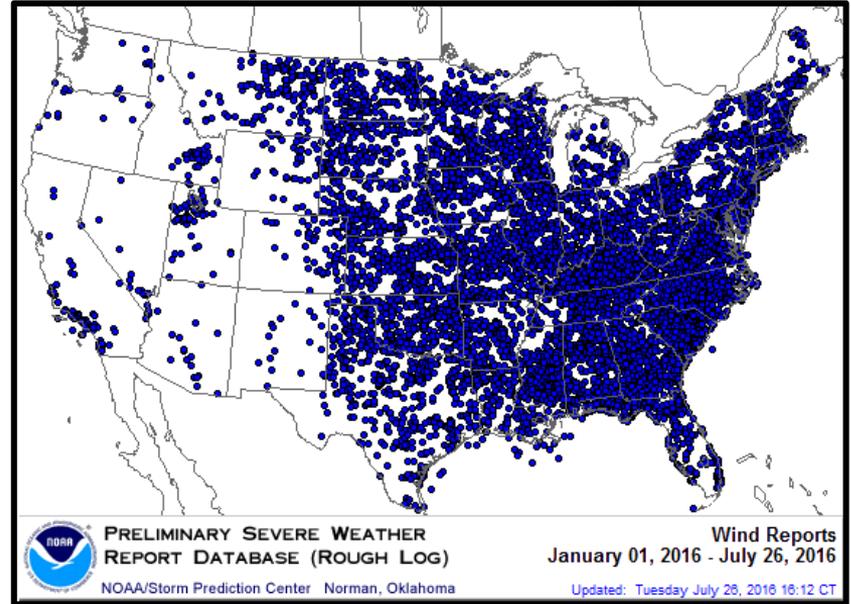
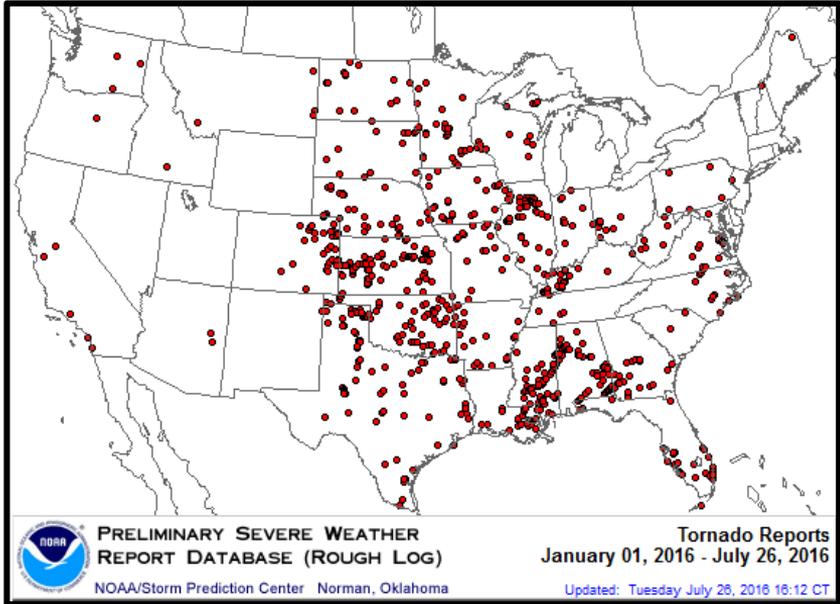
2016 Wind Activity to date

U.S. Wind Reports: Daily Count and Running Annual Trend*

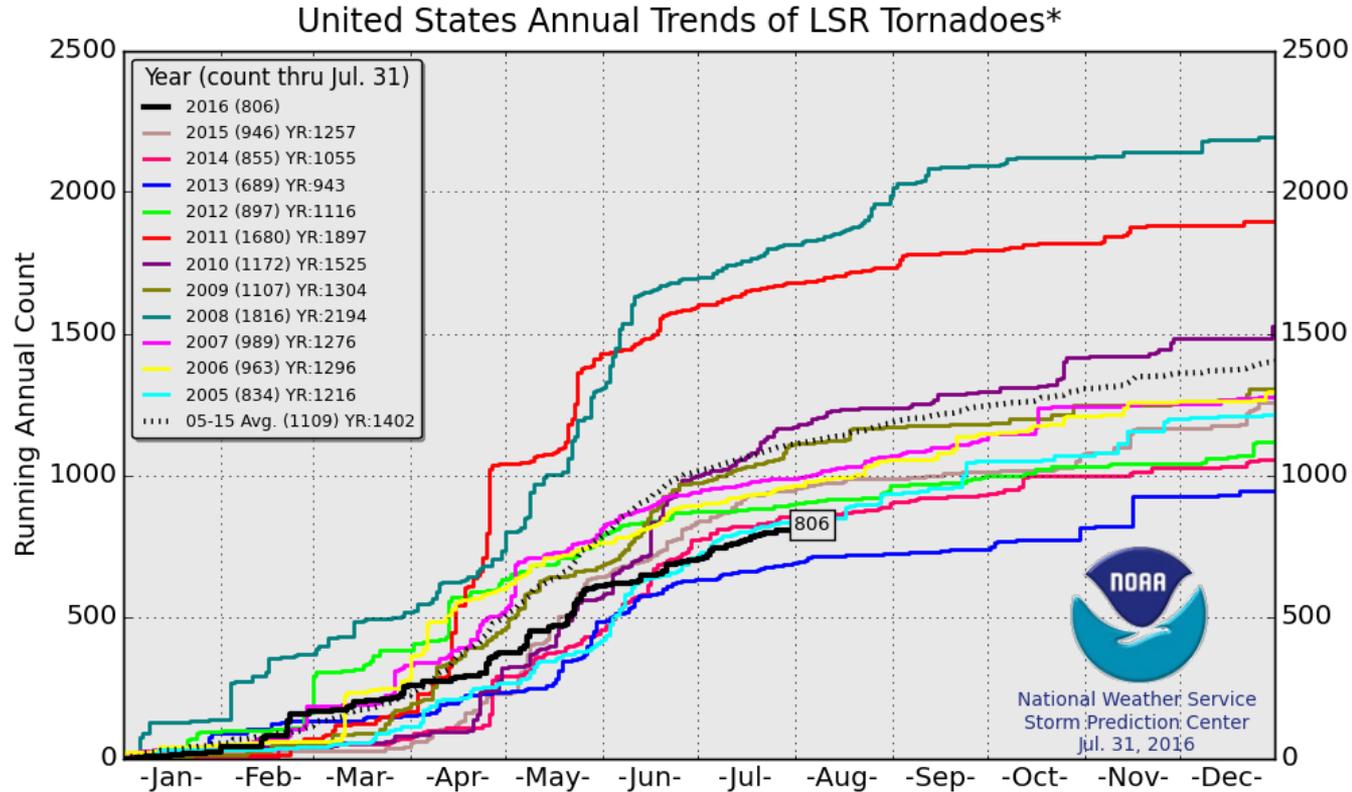


*Preliminary wind events from NWS Local Storm Reports (LSRs)
Daily and annual averages are based on Storm Data (2005-2015)

2016 Preliminary Reports



Annual Tornado Comparison



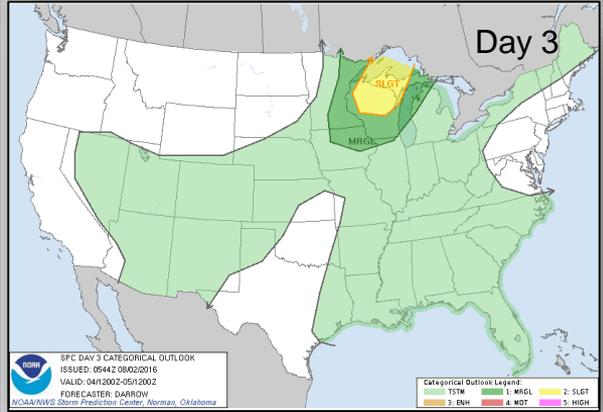
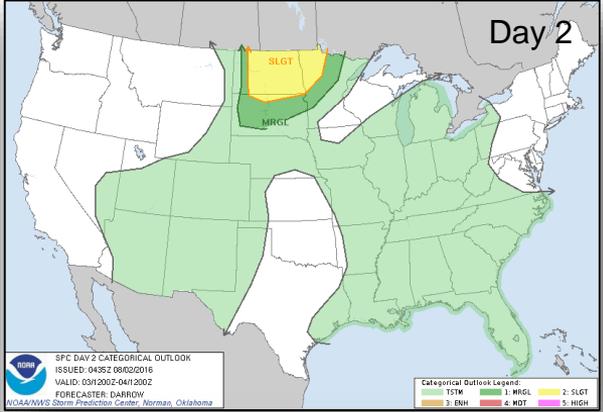
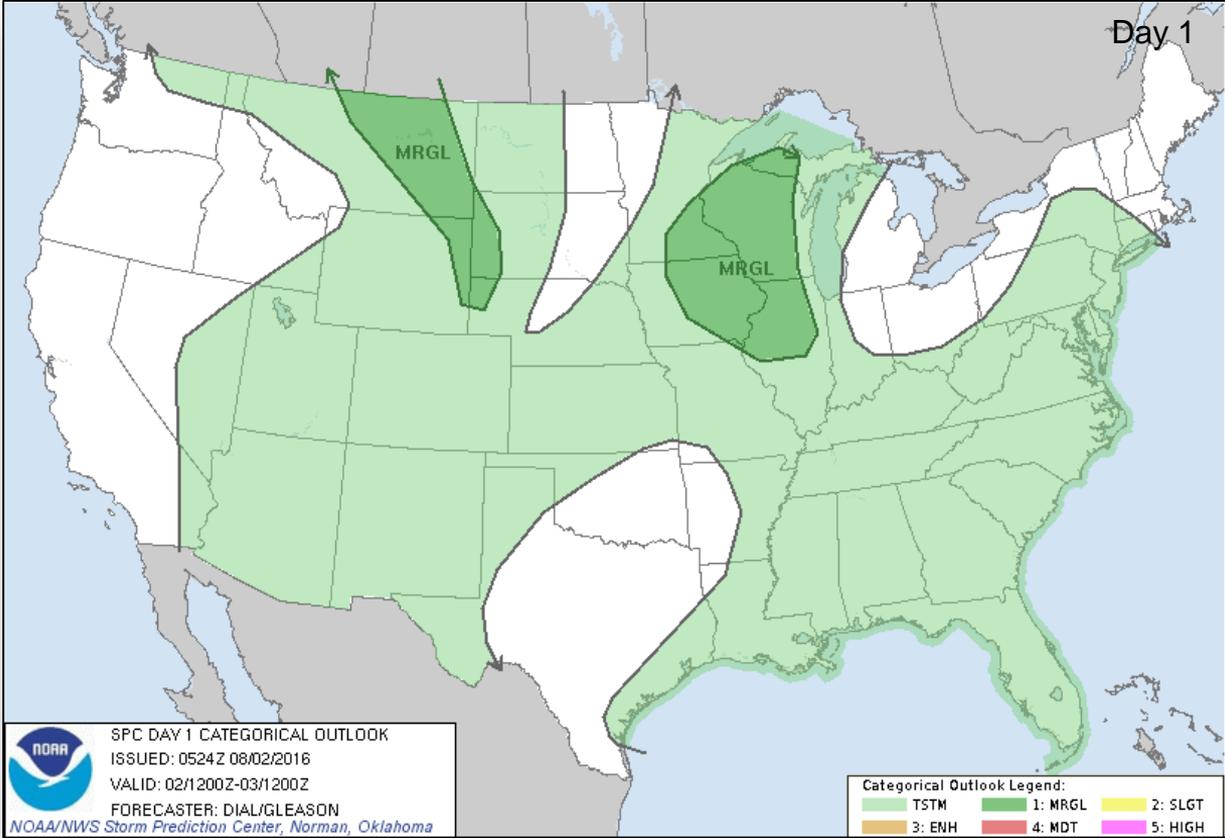
*Preliminary sightings/events from NWS Local Storm Reports (LSRs)
Annual average is based on preliminary LSRs, 2005-2015

Hurricane Induced Tornadoes

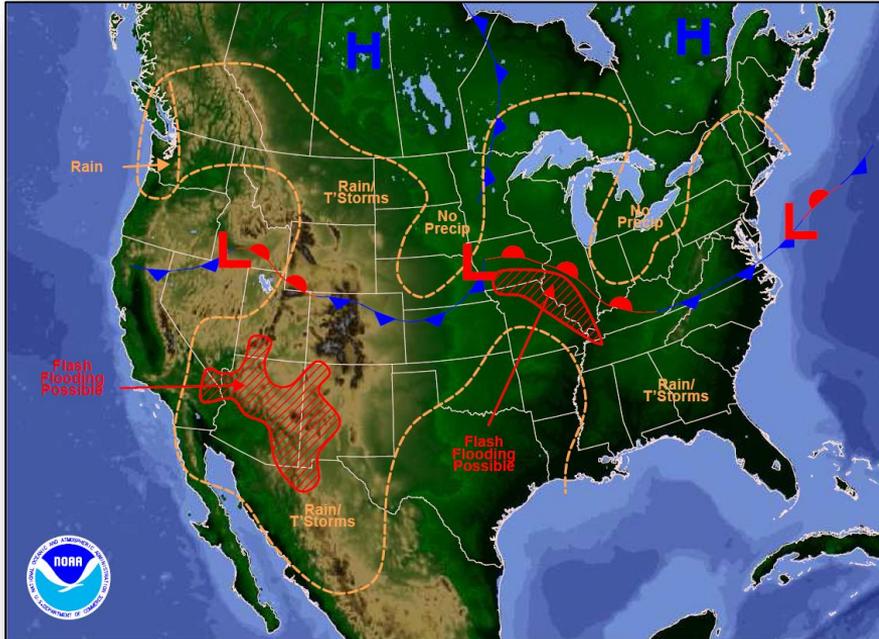
- Nearly 70% of landfalling hurricanes (1948-2000) spawn at least 1 tornado
- 40% of landfalling hurricanes spawn more than 3 tornadoes
- Some hurricanes produce tornado “outbreaks”
 - Hurricane Ivan (2004): 118
 - Hurricane Frances (2004): 103
 - Hurricane Rita (2005): 98
 - Tropical Storm Fay (2008): 50



Severe Weather Outlook- Days 1-3

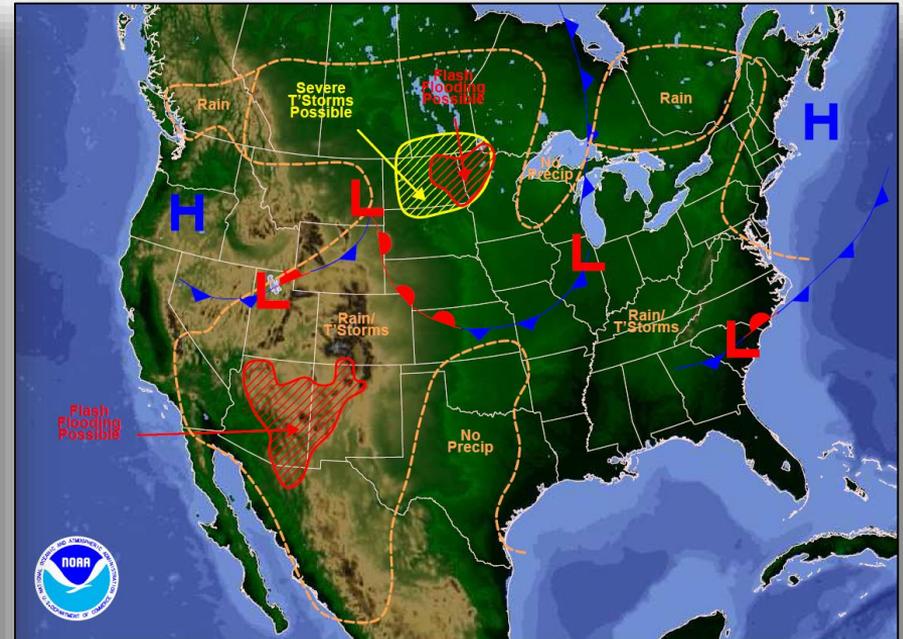


National Weather Forecast



Weather Forecast for Tue, Aug 02, 2016, issued 4:53 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WFC, SPC and NHC forecasts

Today



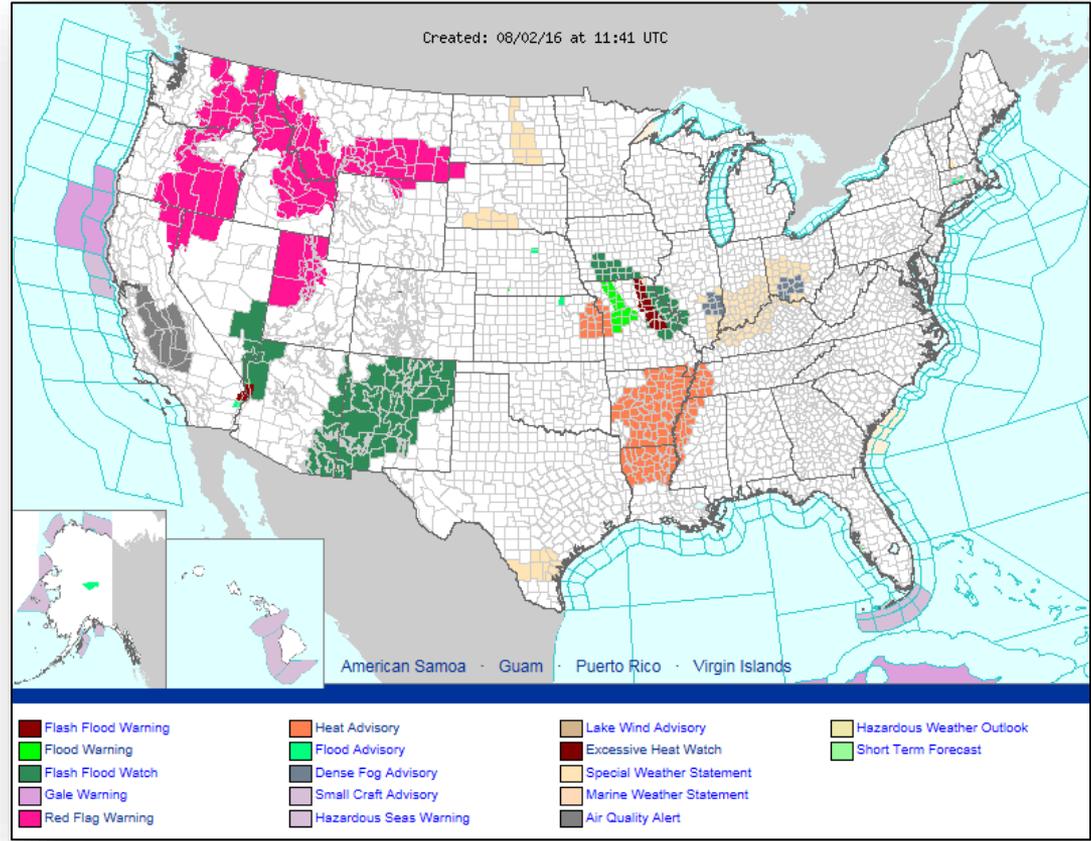
Weather Forecast for Wed, Aug 03, 2016, issued 4:56 AM EDT Tue, Aug 02, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WFC, SPC and NHC forecasts

Tomorrow

Active Watches & Warnings



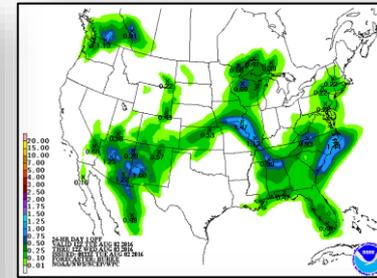
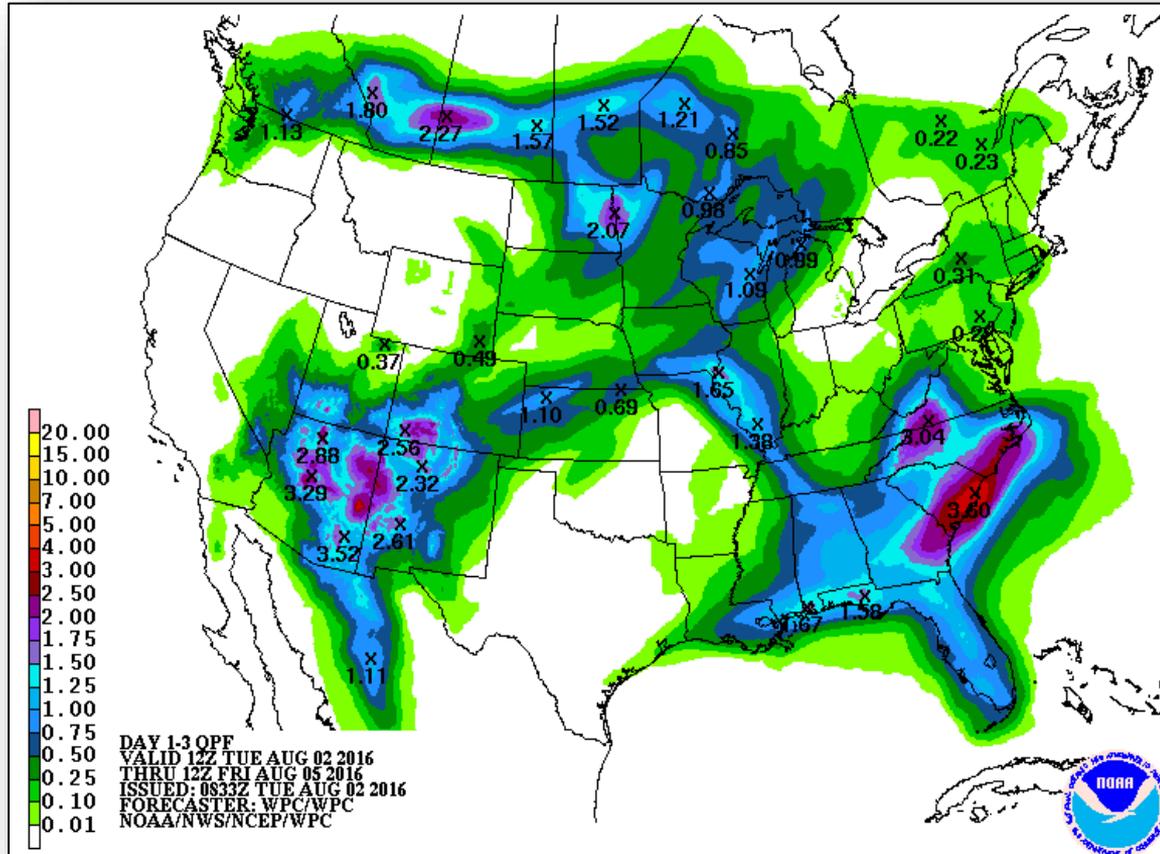
FEMA



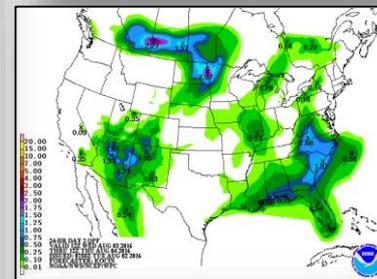
Precipitation Forecast: Days 1-3



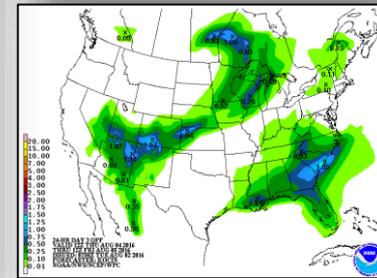
FEMA



Day 1

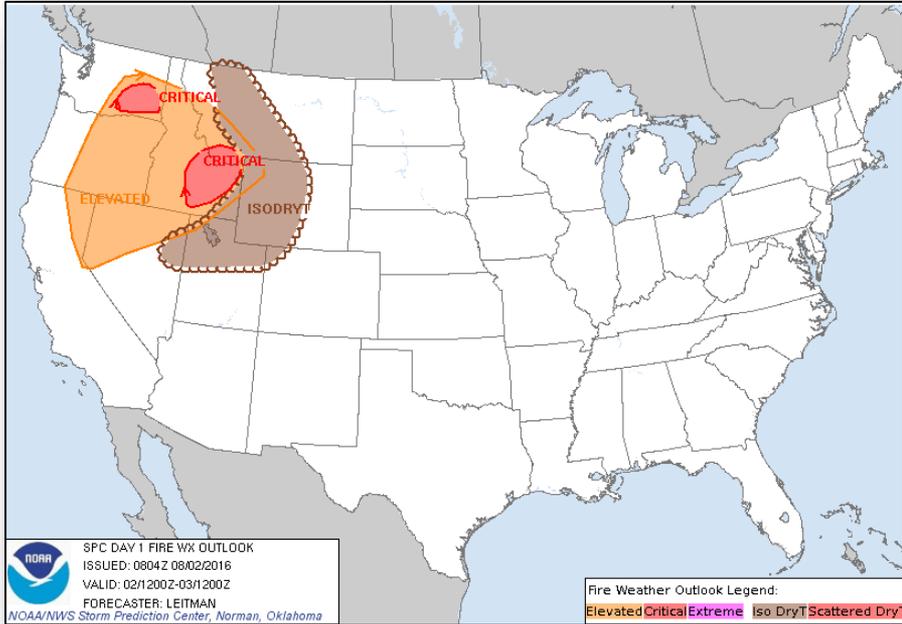


Day 2

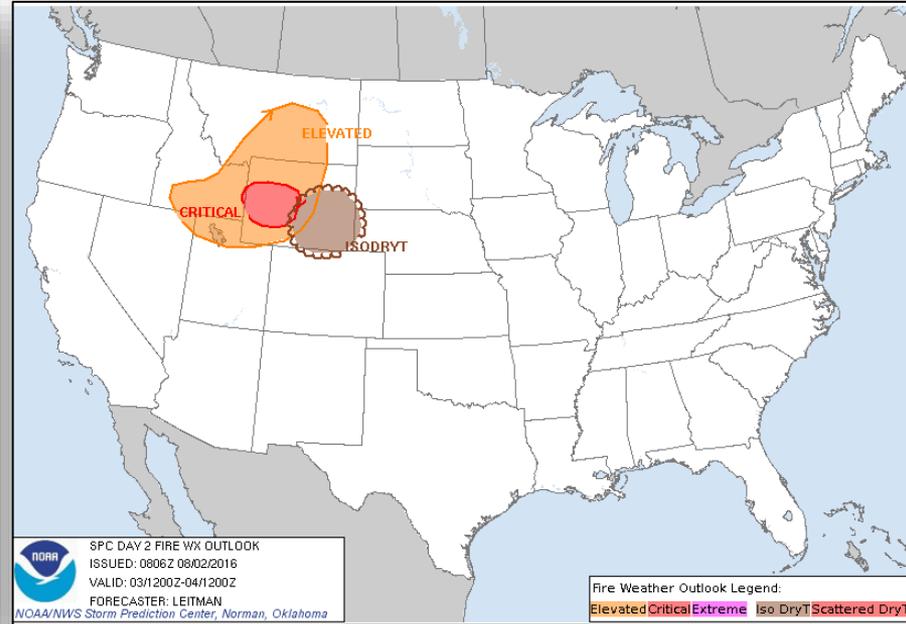


Day 3

Fire Weather Outlook

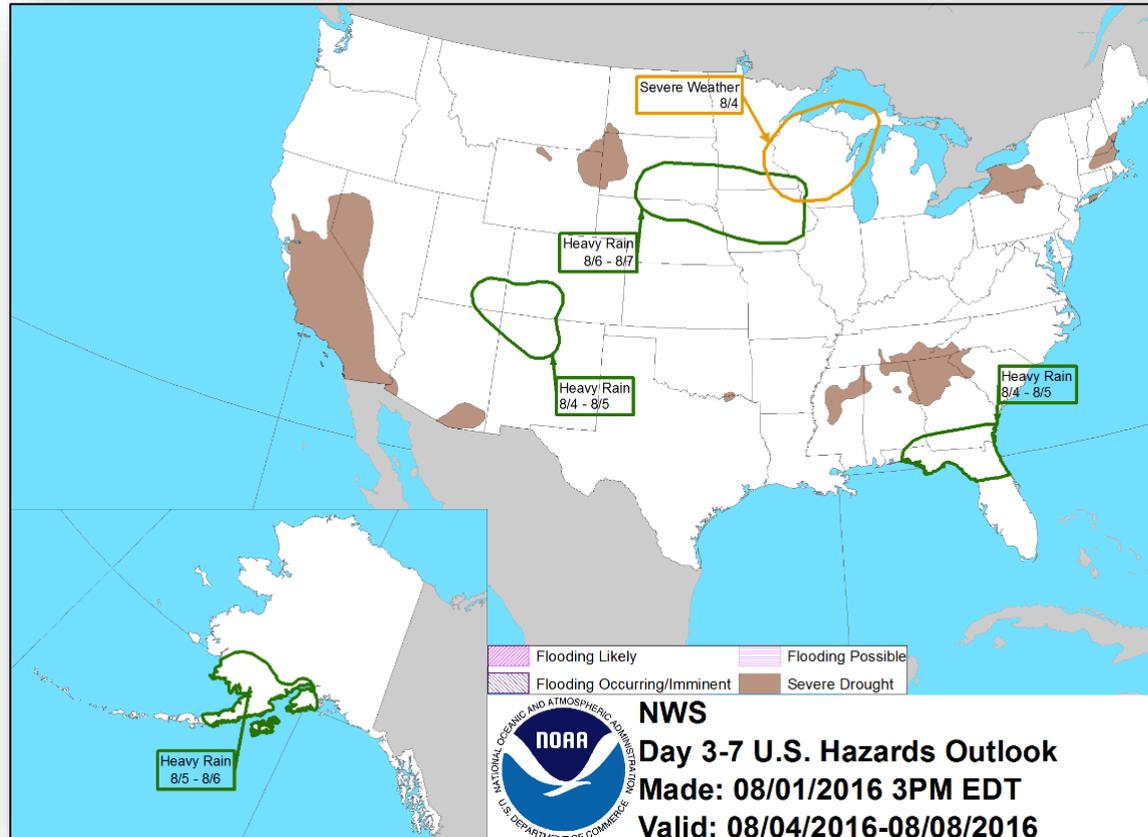


Day 1



Day 2

Hazards Outlook – August 4 - 8

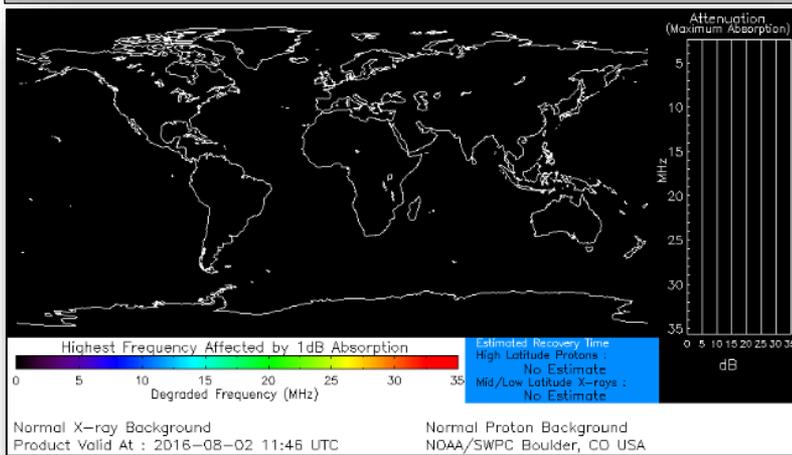




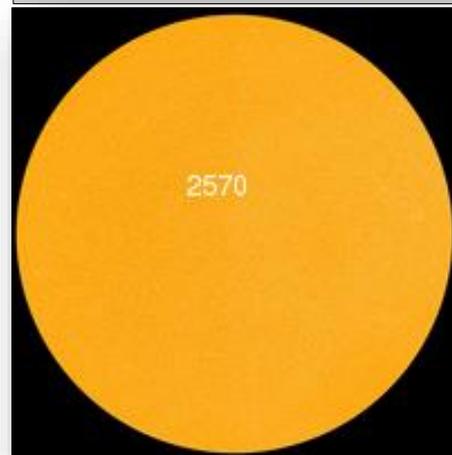
Space Weather

	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity	None	None	Moderate
Geomagnetic Storms	None	None	G2
Solar Radiation Storms	None	None	None
Radio Blackouts	None	None	None

HF Communication Impact



Sunspot Activity



Roaring Lion Fire - Montana



Fire Name	Location	Acres burned	% Contained	Est. Full Containment	FMAG	Structures Lost / Threatened	Fatalities / Injuries
Roaring Lion	Ravalli County	3,655	0%	September 1	FEMA-5143-FM-MT Approved August 1	12 homes / 1,500 (500 homes)	0 / 0

Current Situation

- Fire began July 31, 2016 and is burning on federal, state, county, and private land near city of Hamilton (pop 4,348)
- Threatening power lines, Lost Horse watershed, cell towers and local transportation
- Mandatory evacuations in effect for 1,000 people
- 1 shelter open with 3 occupants *(ARC Midnight Shelter Count as of 6:21 am EDT)*
- No injuries or fatalities

Response

- MT EOC remains at normal operations
- Region VIII RWC remains at Watch/Steady State



Wildfire Summary



Fire Name (County)	FMAG #	Acres burned	% Contained	Evacuations (Residents)	Structures Threatened	Structures Damaged / Destroyed	Fatalities / Injuries
Wyoming (2)							
Lava Mountain Fire (Fremont County)	FEMA-5136-FM-WY	14,339 (+1,136)	50% (+10)	Mandatory	12,223 (343 homes)	2 / 0	0 / 2
Tokewanna Fire (Uinta County)	FEMA-5139-FM-WY	1,313	36% (+12)	Mandatory	63 (48 homes)	0 / 8 (8 homes)	0 / 0
California (2)							
Soberanes Fire (Monterey County)	FEMA-5137-FM-CA	40,700 (+700)	18%	Mandatory	2,000 homes	5 (3 homes) / 68 (57 homes)	1 / 1
Goose Fire (Fresno County)	FEMA-5140-FM-CA	2,020 (+220)	20% (+15)	Mandatory	400 (+200) homes	0 / 5 (3 homes)	0 / 0
Nevada (1)							
Virginia Mountains Complex (Washoe County)	FEMA-5141-FM-NV	47,876 (+11,785)	40% (+5)	Mandatory	80 (30 homes)	0 / 6 homes	0 / 0
Washington (1)							
South Ward Gap (Benton County)	FEMA-5142-FM-WA	5,000 (+4,000)	10% (+10)	Lifted	100 (+50) homes	0 / 2 (no homes)	0 / 0

FMAG Requests and Declarations



Action (since last report)	Total	FMAG No. and State
Requests DENIED	0	
Requests APPROVED	4	FEMA-5139-FM; Wyoming FEMA-5140-FM; California FEMA-5141-FM; Nevada FEMA-5142-FM; Washington

Approved FMAG Data

Year	Current YTD	MTD	Monthly Average	Cumulative Acres Burned YTD	Cumulative Denied FMAGs YTD
2016	26	4	13.3	218,240	3
Year	Total Previous FY	++ Yearly Average		Total Acres Burned Previous Year	Total Denied FMAGs Previous Year
2015	33	36		250,658	2

* Reflects the 3-year average for current month/ ** Reflects 3-year total average

Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
III	MD	Severe weather & heavy rains July 30, 2016	PA	1	0	8/4 – TBD
IV	KY	Severe storms, tornadoes, flooding & strong winds July 3-9, 2016	IA	2	0	8/2 – TBD
			PA	23	0	8/2 – TBD

Disaster Requests & Declarations



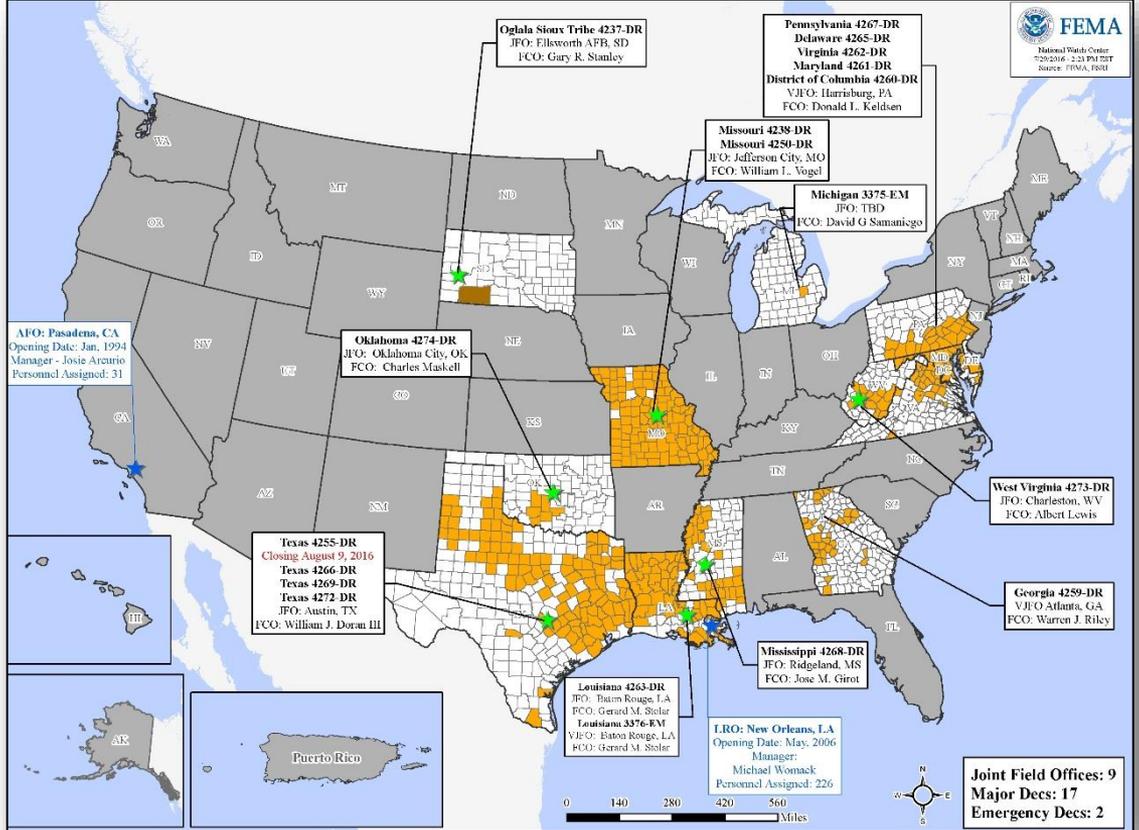
Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	0
MT – DR Tornado	July 20, 2016		
KS – DR Severe Storms, Tornadoes, and Flooding	July 21, 2016		

Disaster Amendments



Amendment	Effective Date	Action
Amendment No. 7 to FEMA-4272-DR-TX	August 1, 2016	Changes the incident period to May 22 – June 24, 2016
Amendment No. 8 to FEMA-4272-DR-TX	August 1, 2016	Adds 1 county for Public Assistance

Open Field Offices as of August 2, 2016



FEMA Readiness - Deployable Teams & Assets



Deployable Teams & Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		37	11	30%	0	3	23		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4 3 2 FDRC 3 2 1
FDRC		10	4	40%	0	0	6		
US&R		28	26	93%	1	0	1	NJ-TF1 Partially Mission Capable	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed
National IMAT		3	3	100%	0	0	0	East 2: Primary (On Call)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)
Regional IMAT		13	10	77%	0	0	3	<u>Deployed:</u> Region I: WV (4273-WV) Region III: WV (4273-WV) Region VII: Reconstituting (FMC – August 7, 2016)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement
MERS Teams		18	18	100%	0	0	0	<u>Deployed:</u> None	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

FEMA Readiness - National & Regional Teams



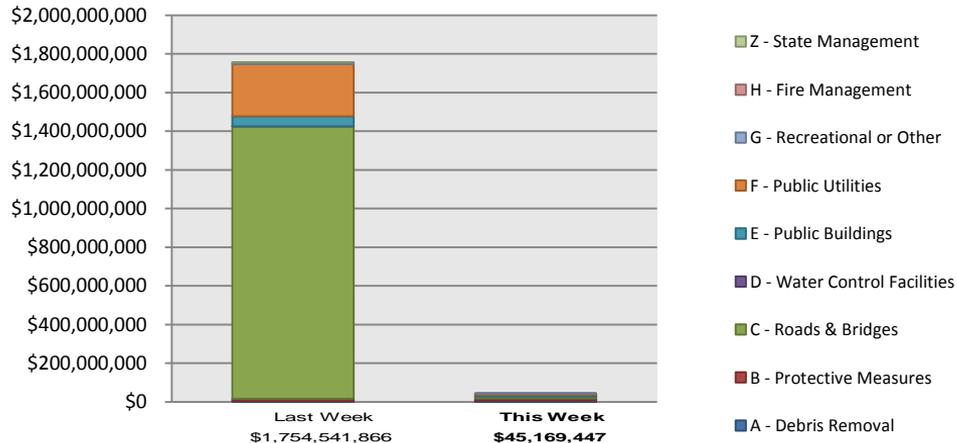
National/Regional Teams									
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NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		

Public Assistance Grant Program



PA Project Worksheets Obligated in past week, as of 08/01/16 at 1500 EDT										
	Emergency Work		Permanent Work							
PA Category	A - Debris Removal	B - Protective Measures	C - Roads & Bridges	D - Water Control Facilities	E - Public Buildings	F - Public Utilities	G - Recreational or Other	H - Fire Management	Z - State Management	Total
Number Of PWs Obligated	33	155	141	6	33	25	15	0	0	408
Federal Share Obligated	\$6,436,658	\$11,188,949	\$12,013,314	\$542,830	\$5,769,783	\$7,399,294	\$1,818,619	\$0	\$0	\$45,169,447

Public Assistance Obligated per Category In the Past 2 Weeks – 07/18/2016 through 08/01/2016



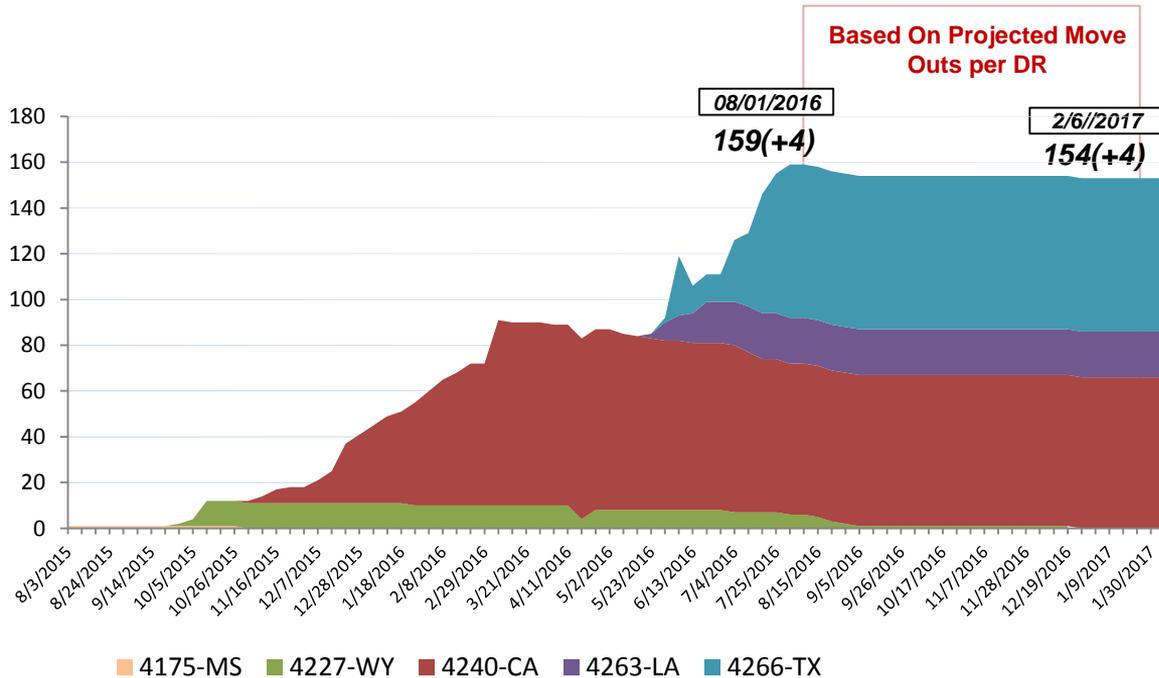
PA Highlights

- None at this time.

Direct Housing



**Total Households in FEMA Direct Housing per State
Past Year per Week, 8/3/2015 – 8/1/2016, Projected to 2/6/2017
There are currently **159** Households Occupying **155** Temporary Units**



DR	IA Declaration Date	Program End Date	Current # of Households in Direct Housing (Weekly Change)
4227-WY	7/7/2015	1/7/2017	6 (-1)
4240-CA	9/22/2015	3/22/2017	66(-1)
4263-LA	3/13/2016	9/13/2017	20(0)
4266-TX	3/19/2016	9/19/2017	67(+6)



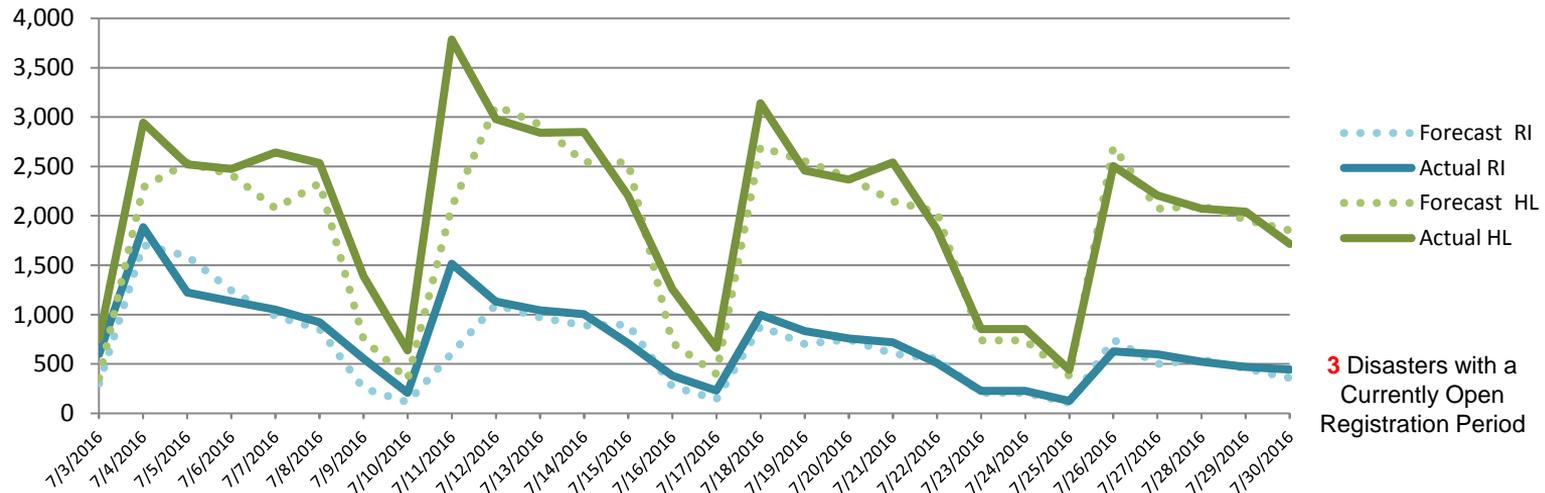
States with Currently Occupied Units

NPSC Activity



NPSC Call Activity in the Past Week 7/24/2016 through 7/30/2016				
Call Type	Projected Calls	Actual Calls	Average Speed of Answer	Maximum Delay Time
Registration Intake:	1,376	1,578	:13	5:47
Helpline:	6,621	6,757	:12	2:35
Combined:	7,997	8,335	:12	5:47

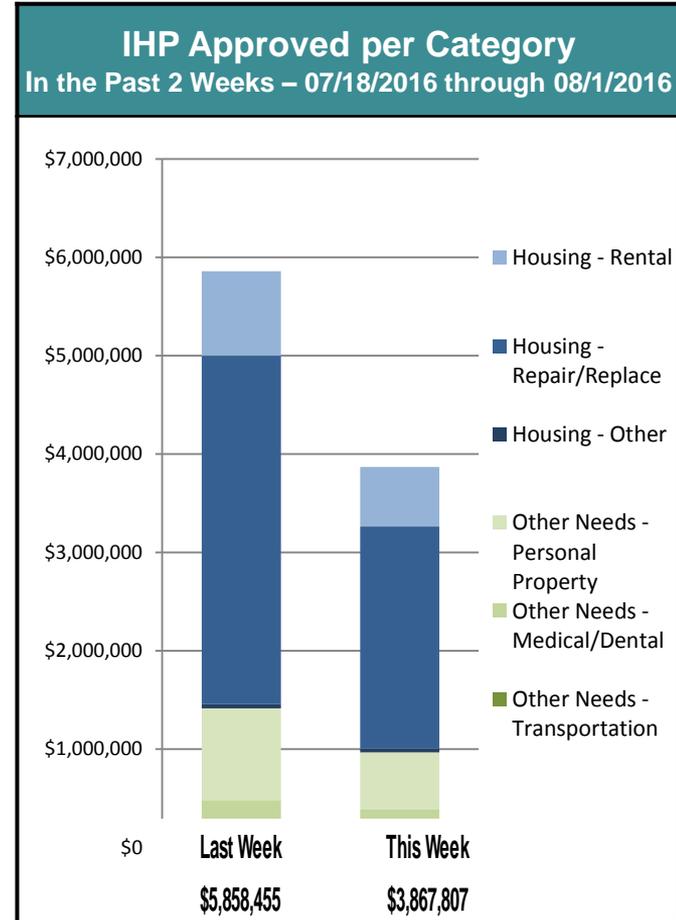
NPSC Call Forecasting and Actual Calls Over the Past 4 Weeks
07/3/2016 through 07/30/2016



Individual Assistance Activity



Individuals and Households Program Activity As Of: 8/1/16					
		In Past 7 Days		Cumulative	
		Applicants Approved	Amount Approved	Applicants Approved	Amount Approved
4269-TX Declared 04-25-2016 End Of Reg Period 07-29-2016					
Open Registration Period	Housing Assistance	108	\$351,092.47	8,553	\$42,449,341.62
	Other Needs Assistance	84	\$275,264.10	4,950	\$15,854,620.87
	Total IHP		\$626,356.57		\$58,303,962.49
4272-TX Declared 06-11-2016 End Of Reg Period 08-10-2016					
Open Registration Period	Housing Assistance	171	\$645,386.31	4,944	\$30,542,717.13
	Other Needs Assistance	98	\$263,412.47	1,858	\$5,274,474.15
	Total IHP		\$908,798.78		\$35,817,191.28
4273-WV Declared 06-25-2016 End Of Reg Period 08-24-2016					
Open Registration Period	Housing Assistance	322	\$1,574,775.07	4,215	\$30,354,774.36
	Other Needs Assistance	113	\$353,923.04	1,476	\$5,603,169.45
	Total IHP		\$1,928,698.11		\$35,957,943.81
Other IHP Active	12 Declarations IHP Programmatically Open - Closed Registration *				
	Housing Assistance	117	\$329,606.42		
	Other Needs Assistance	43	\$74,347.22		
	Total IHP		\$403,953.64		
	Total IHP Approved in Past Week		\$3,867,807.10		





FEMA

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.



FEMA

Daily Operations Briefing

Wednesday, August 3, 2016

8:30 a.m. EDT

Significant Activity - August 2-3



Significant Events: Flash Flooding - Ellicott City, MD - FINAL

Tropical Activity:

- Atlantic – Tropical Storm Earl
- Eastern Pacific – Tropical Storm Howard; Tropical Storm Ivette
- Central Pacific – Tropical Storm Howard
- Western Pacific – Disturbance 1 (Invest 98W) – Medium chance

Significant Weather:

- Flash flooding possible – Southwest, Northern Plains, Carolinas
- Severe thunderstorms possible – Northern Plains & Upper Mississippi Valley
- Rain and thunderstorms – Southwest to Plains, Great Lakes, Mississippi valleys, Southeast, Mid-Atlantic & Northeast
- Elevated/critical fire weather/isolated dry thunderstorms – ID, UT, CO, MT, ND, SD, NV
- Red Flag Warnings – WY, MT & SD
- Space Weather – Past 24 hours – none; next 24 hours – moderate with G2 geomagnetic storms expected

Earthquake Activity: No significant activity

Declaration Activity: None

Flash Flooding - Ellicott City, MD – FINAL



Situation

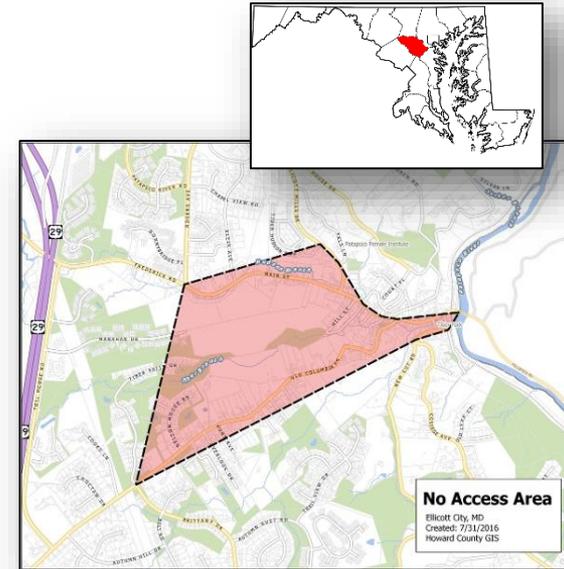
- Heavy rain and flash flooding occurred in Maryland starting Saturday evening, July 30, 2016
- Ellicott City (pop 66k) in Howard County (pop 304k) heavily damaged by flash flooding
- Approx. 6.5 inches of rain fell Saturday evening, July 30; 5.92 inches fell between 6:45pm-8:45 pm
- 2 confirmed fatalities and several injuries reported
- **Damage limited to Historic Ellicott City area**
- **Access limited to emergency vehicles only**
- **Extensive infrastructure damage to main roadway, retaining walls, and sloped embankments**

State/Local Response

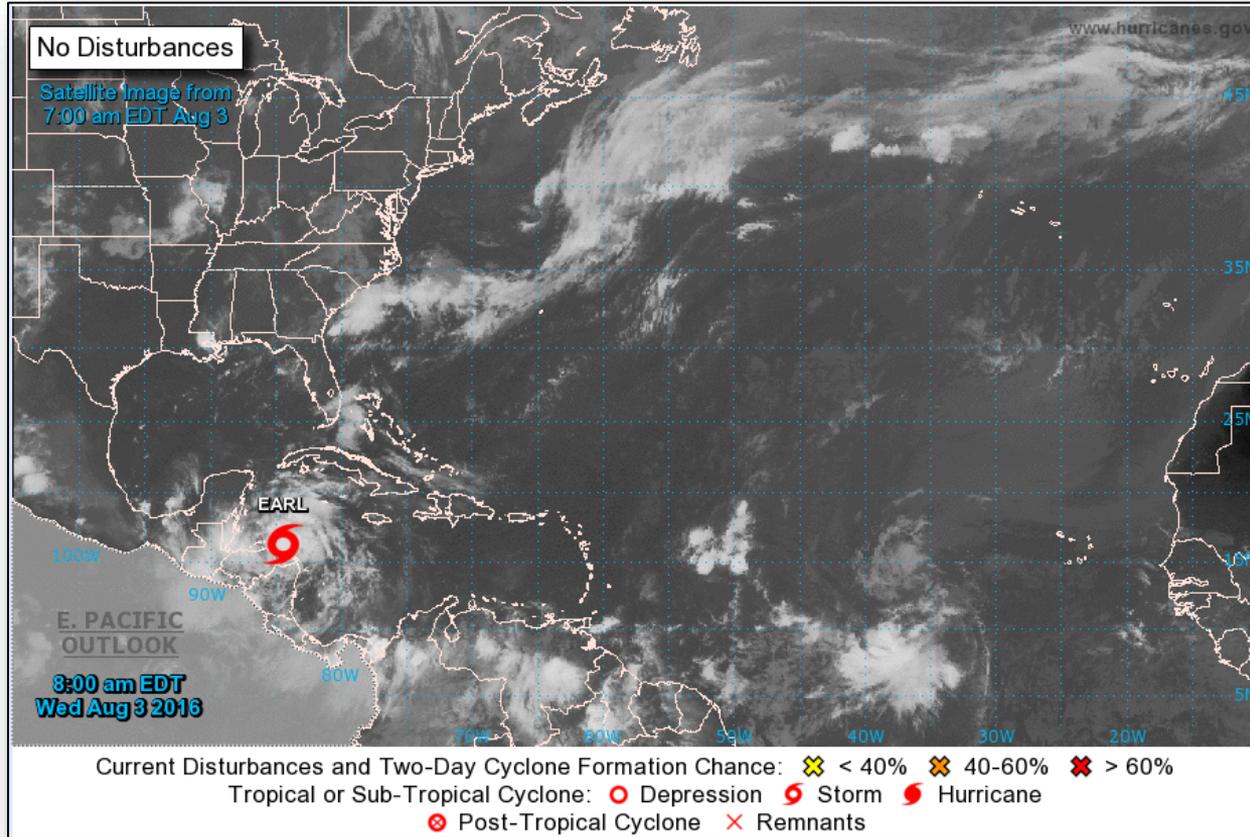
- Governor declared a state of emergency on July 31
- MD EOC at Partial Activation; Howard County EOC at Full Activation
- Baltimore Regional IMT, PA IMT and local US&R deployed to Logistics Staging Area in Ellicott City
- **Over 200 damaged cars being moved to a staging lot**
- **Debris removal and water main repairs continue**

Federal Response

- FEMA Region III at Watch/Steady State
- FEMA Region III LNO deployed to MD EOC
- **1 Joint PA PDA to begin August 4**



Tropical Outlook - Atlantic



Tropical Outlook - Atlantic



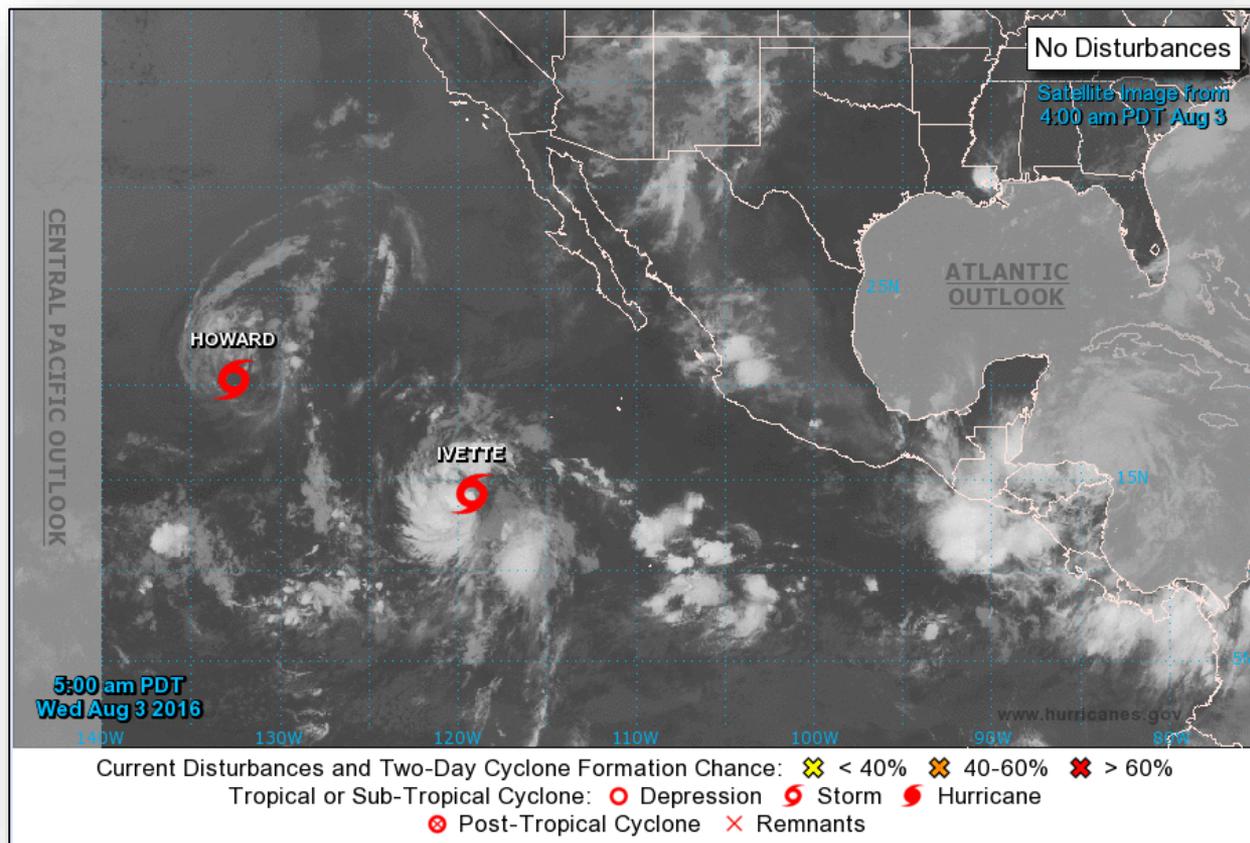
Tropical Storm Earl (Advisory #4A as of 8:00 a.m. EDT)

- Located 120 miles E of Isla Roatan, Honduras
- Moving W at 14 mph
- This general motion expected to continue with some decrease in forward speed next 48 hours
- Maximum winds 70 mph
- Additional strengthening forecast next 24 hours
- Likely to become a hurricane later today
- Weakening expected after Earl moves inland
- Tropical storm force winds extend 90 miles
- Hurricane and Tropical Storm Warnings issued for portions of east coast of Yucatan peninsula
- No threat expected to the U.S. or its territories

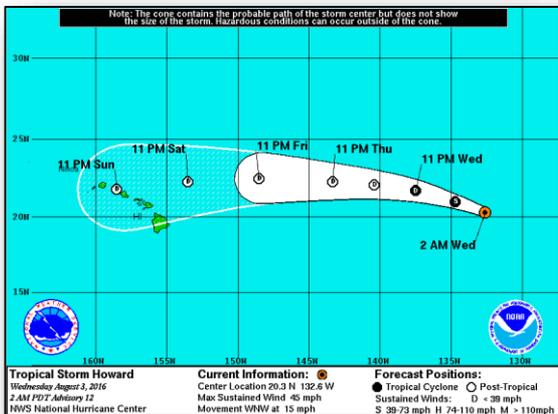
Tropical Outlook - Eastern Pacific



FEMA

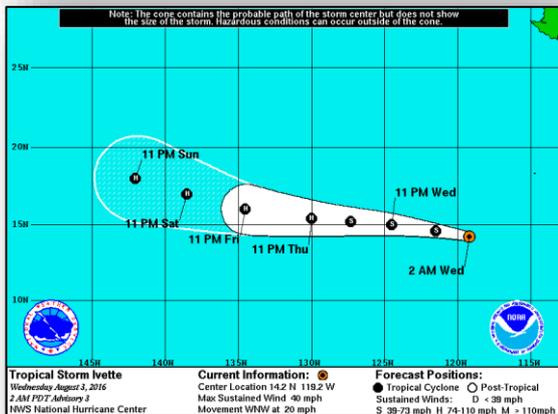


Tropical Outlook - Eastern Pacific



Tropical Storm Howard (Advisory #12 As of 5:00 a.m. EDT)

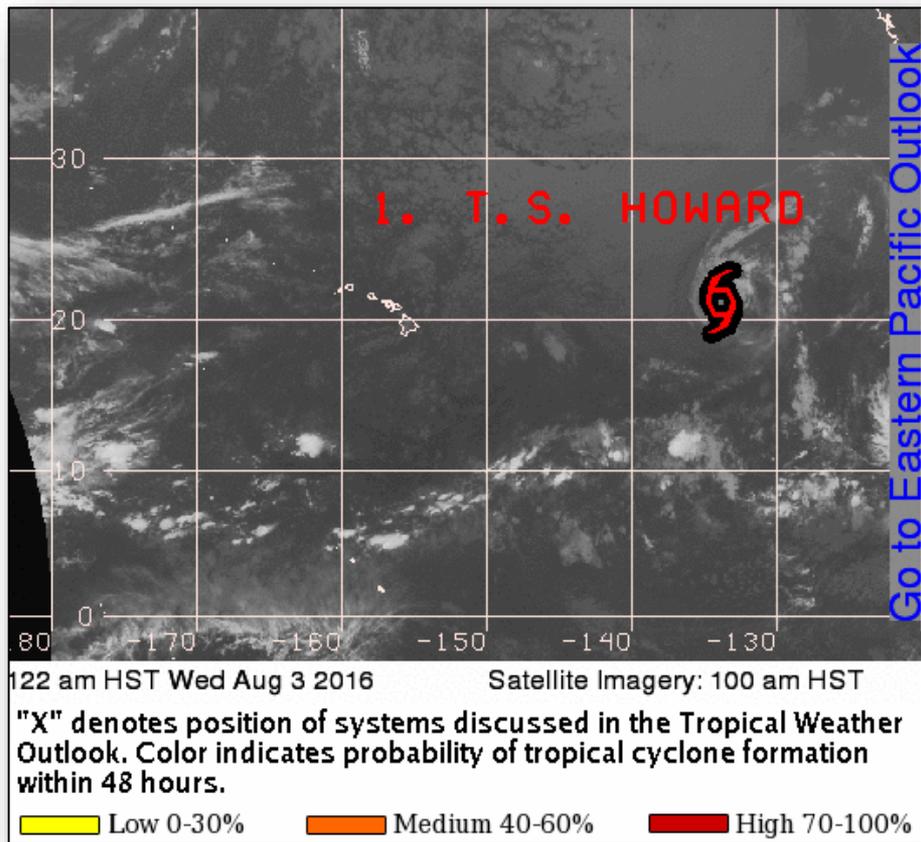
- Located 1,465 miles W of southern tip of Baja California, Mexico
- Moving WNW at 15 mph
- This motion expected to continue through today; a turn W expected by Thurs
- Maximum sustained winds 45 mph
- Additional weakening forecast next 48 hours
- Expected to become a post-tropical cyclone by Thurs
- Tropical storm force winds extend 80 miles



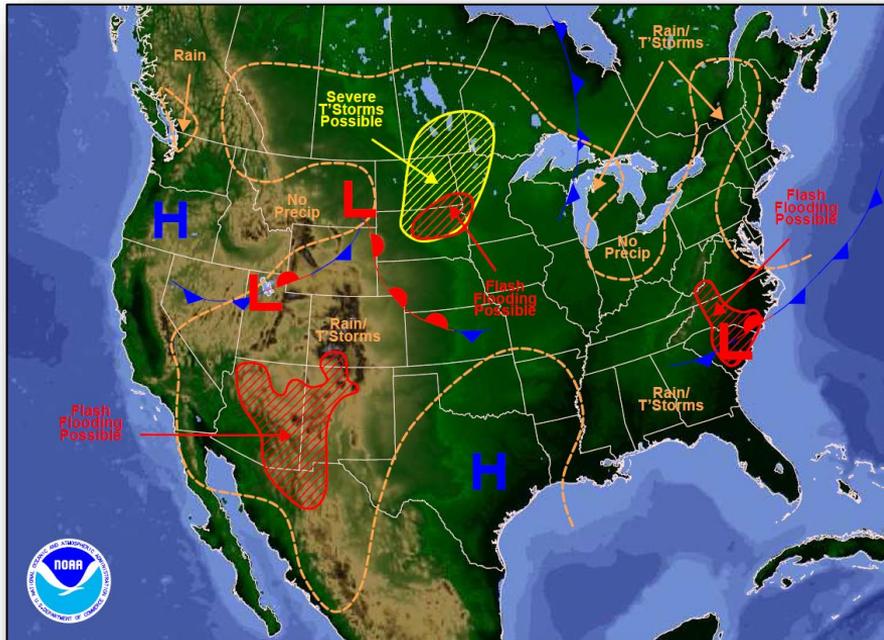
Tropical Storm Ivette: (Advisory #3 As of 5:00 a.m. EDT)

- Located 855 miles SW of southern tip of Baja California, Mexico
- Moving WNW at 20 mph
- WNW to W motion with decrease in forward speed expected next couple of days
- Maximum sustained winds 40 mph
- Additional strengthening forecast next couple of days
- Could become a hurricane by Thurs night
- Tropical storm force winds extend 60 miles

Tropical Outlook - Central Pacific

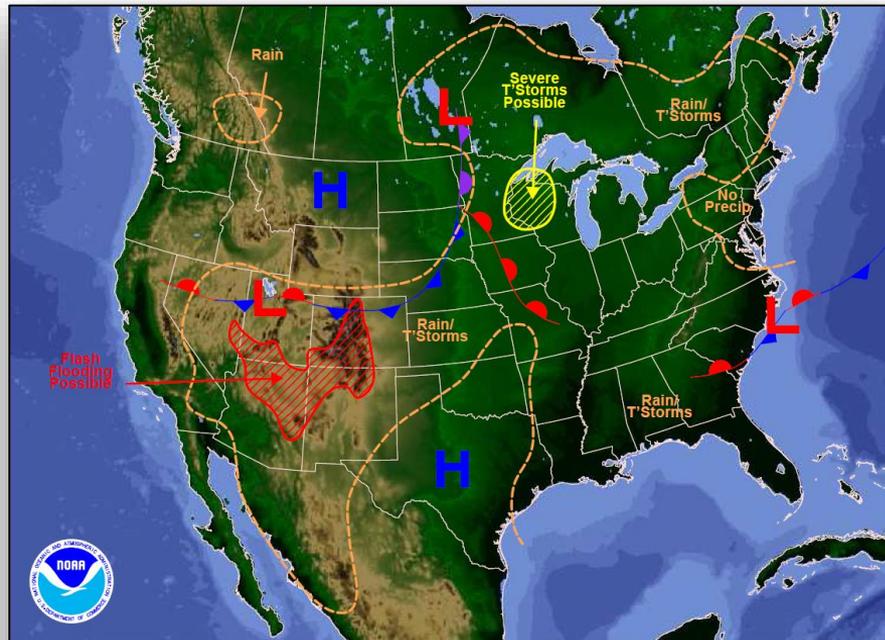


National Weather Forecast



Weather Forecast for Wed, Aug 03, 2016, issued 4:39 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Today



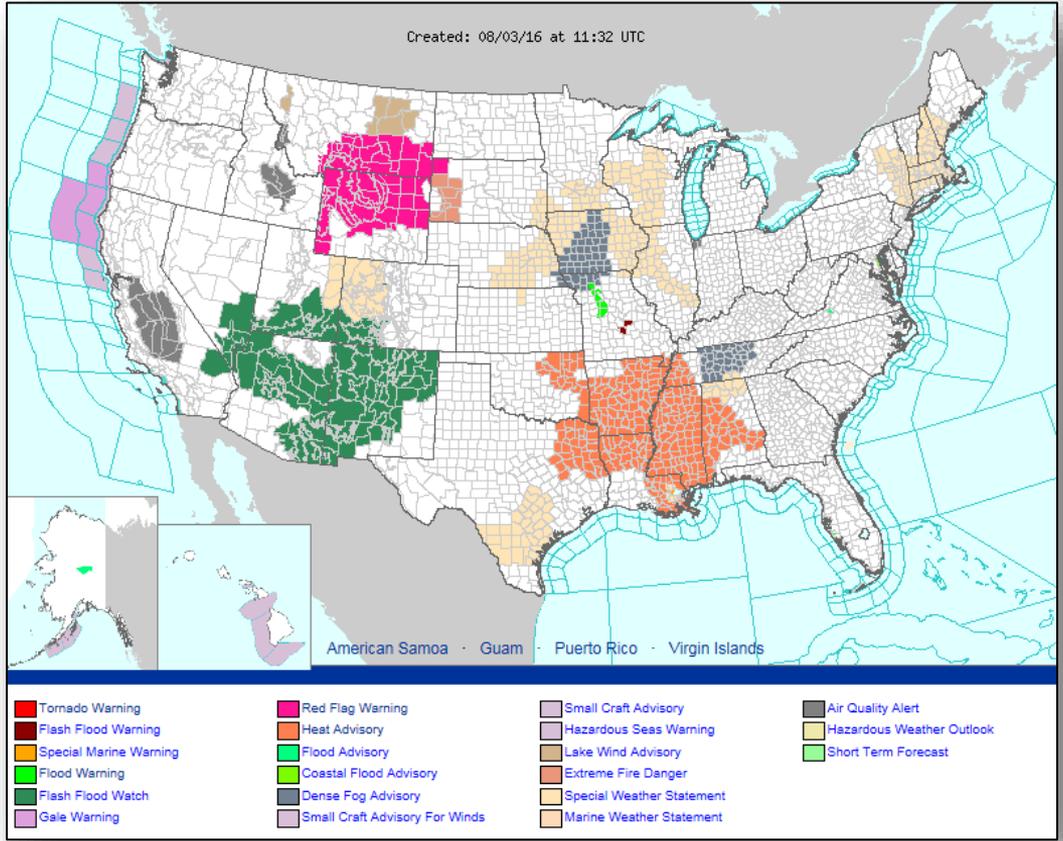
Weather Forecast for Thu, Aug 04, 2016, issued 4:51 AM EDT Wed, Aug 03, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

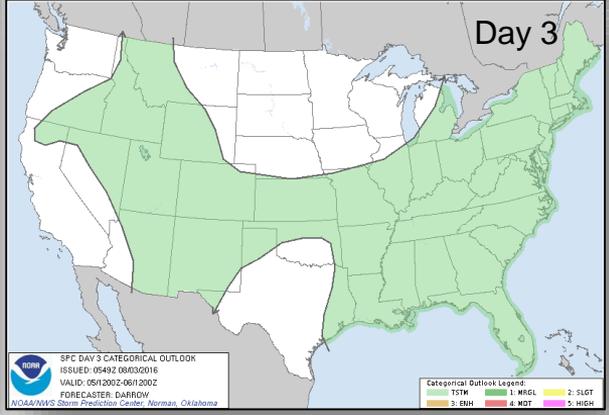
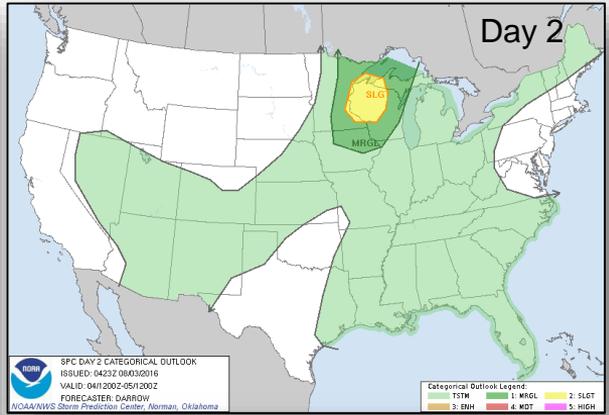
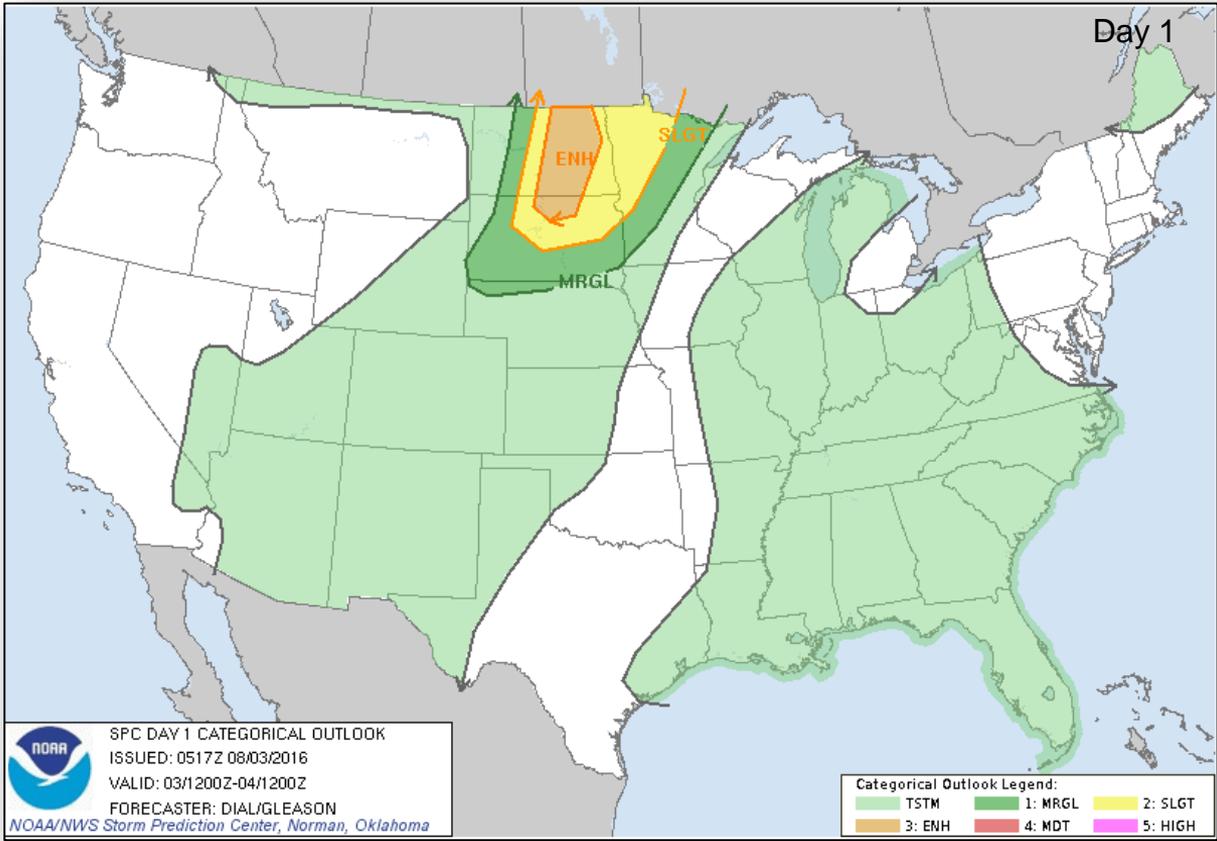
Active Watches & Warnings



FEMA



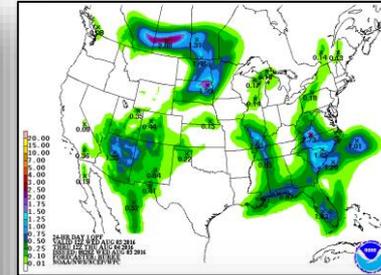
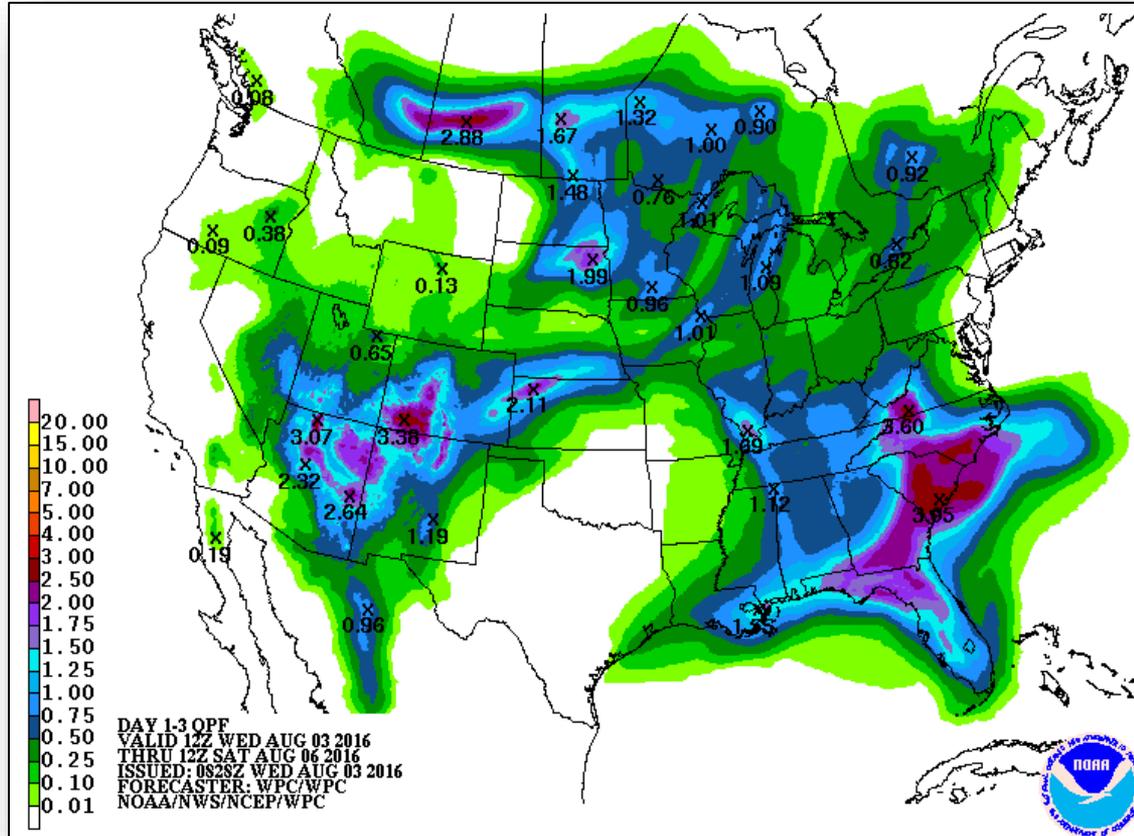
Severe Weather Outlook - Days 1-3



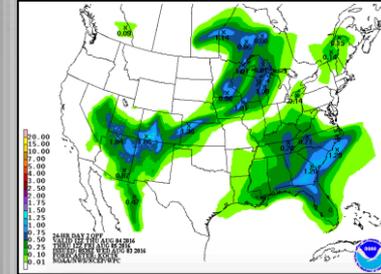
Precipitation Forecast - Days 1-3



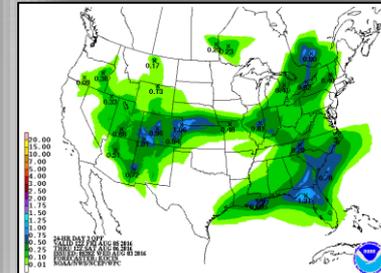
FEMA



Day 1

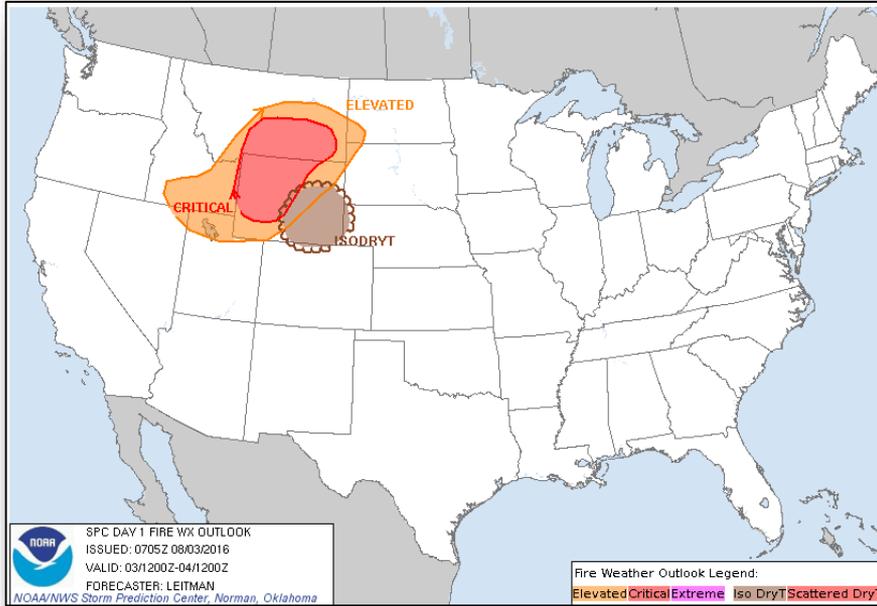


Day 2

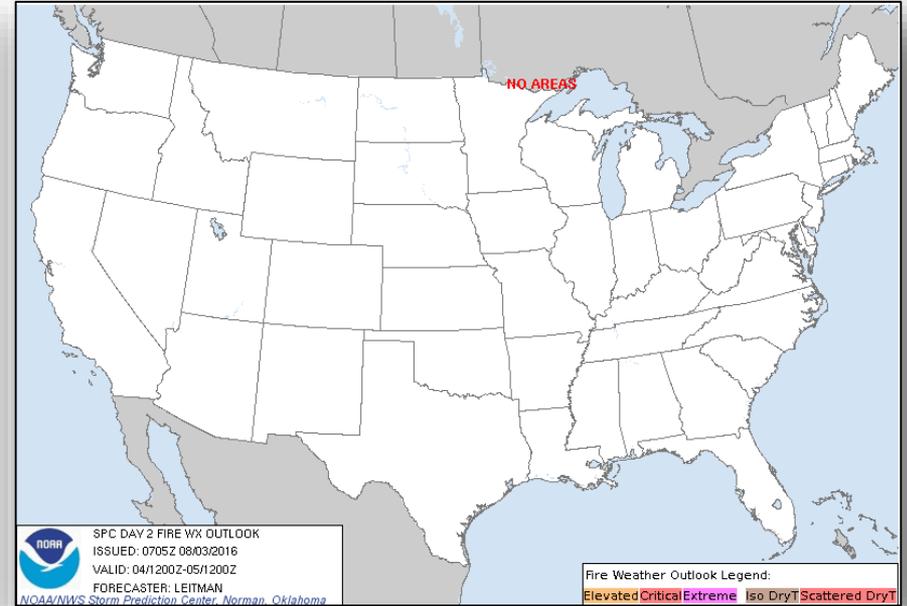


Day 3

Fire Weather Outlook

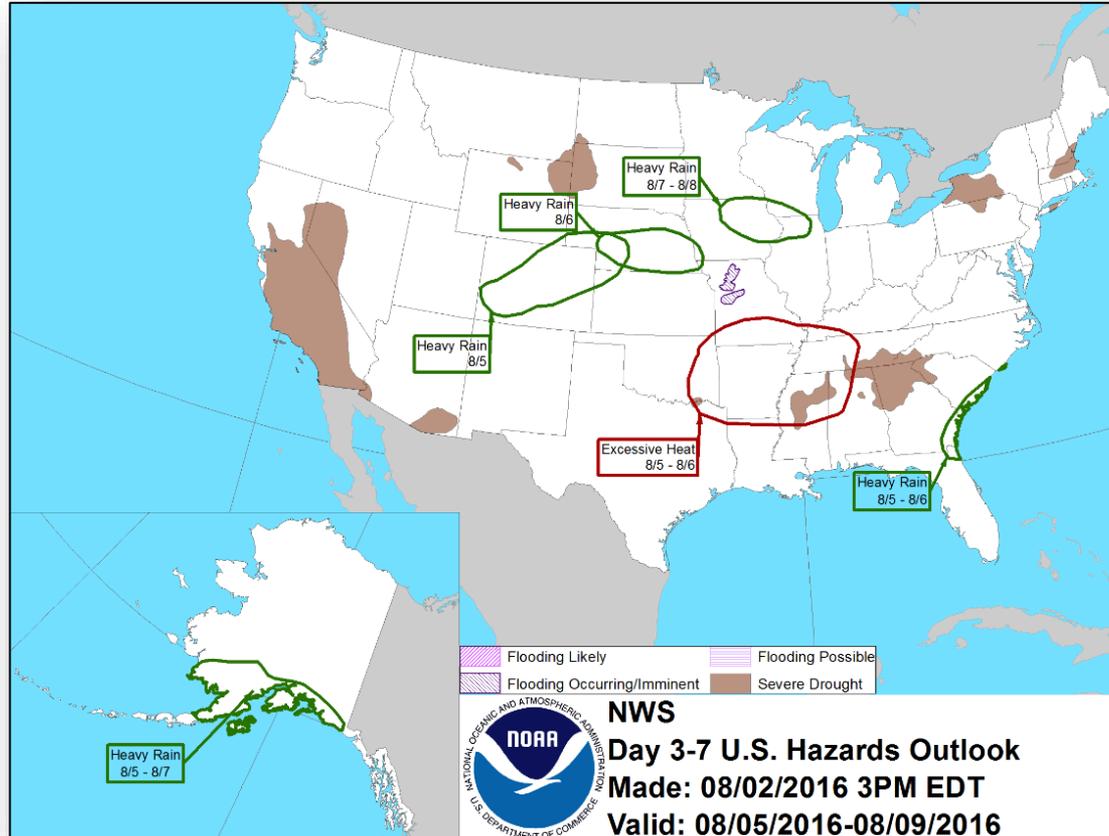


Day 1



Day 2

Hazards Outlook - August 5-9

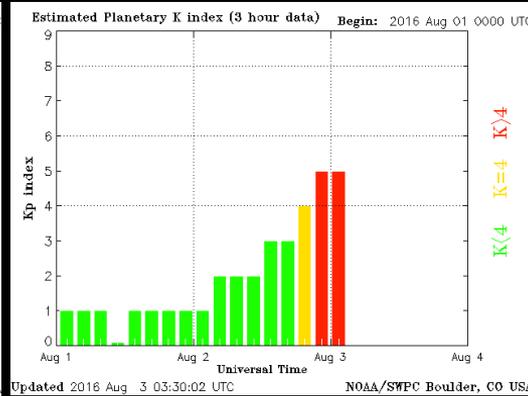
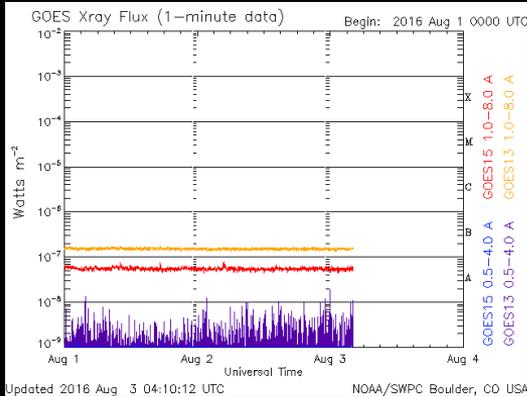
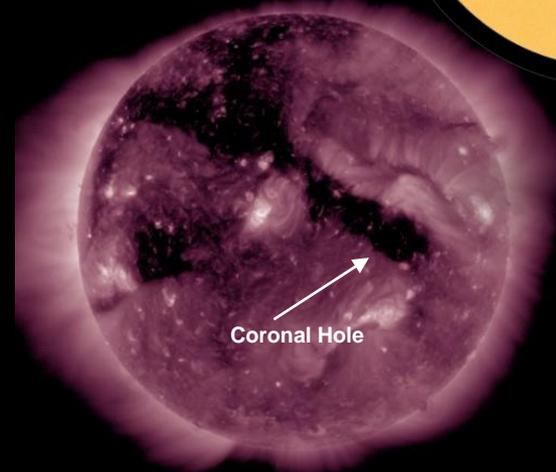


Space Weather Summary/Outlook

Space Weather Summary August 3 rd , 2016	Past 48 Hours	Current	Forecast: Aug 3 rd – 4 th
Solar Flare (R Scale) Radio Blackout	None	None	R1-R2: 1% R3-R5: 1%
Solar Radiation Storms (S Scale)	None	None	S1 or > 1%
Geomagnetic Storms (G Scale)	None	None	G1-G2

Summary of Recent Activity/Outlook:

- All quiet across the R and S scales
- Coronal hole may drive G1 and possibly G2 storming on Aug 3rd - 4th
- Risk of severe or extreme activity is very low at this time



Wildfire Summary



Fire Name (County)	FMAG #	Acres burned	% Contained	Evacuations (Residents)	Structures Threatened	Structures Damaged / Destroyed	Fatalities / Injuries
Wyoming (2)							
Lava Mountain <i>(FINAL)</i> (Fremont County)	FEMA-5136-FM-WY	14,385 (+46)	60% (+10)	Lifted	12,119 (-4) (343 homes)	2 / 0	0 / 2
Tokewanna Fire <i>(FINAL)</i> (Uinta County)	FEMA-5139-FM-WY	1,313	58% (+22)	Lifted	53 (-10) (48 homes)	0 / 8 homes	0 / 0
California (2)							
Soberanes Fire (Monterey County)	FEMA-5137-FM-CA	44,300 (+3,600)	25% (+7)	Mandatory	2,000 homes	5 (3 homes) / 68 (57 homes)	1 / 1
Goose Fire <i>(FINAL)</i> (Fresno County)	FEMA-5140-FM-CA	2,185 (+165)	60% (+40)	Lifted	400 homes	1 home / 9 (4 homes)	0 / 0
Nevada (1)							
Virginia Mountains Complex (Washoe County)	FEMA-5141-FM-NV	53,925 (+6,049)	41% (+1)	Mandatory	80 (30 homes)	0 / 12 (6 homes)	0 / 3 (+3)
Washington (1)							
South Ward Gap (Benton County)	FEMA-5142-FM-WA	5,000	40% (+30)	Lifted	100 homes	0 / 2 (no homes)	0 / 0
Montana (1)							
Roaring Lion Fire (Ravalli County)	FEMA-5143-FM-MT	4,392 (+737)	0%	Mandatory	1,500 (500 homes)	0 / 64 (14 homes)	0 / 0

FMAG Requests and Declarations



Action (since last report)	Total	FMAG No. and State
Requests DENIED	0	
Requests APPROVED	1	FEMA-5143-FM; Montana

Approved FMAG Data

Year	Current YTD	MTD	Monthly Average	Cumulative Acres Burned YTD	Cumulative Denied FMAGs YTD
2016	27	5	13.3	221,540	3
Year	Total Previous FY	++ Yearly Average		Total Acres Burned Previous Year	Total Denied FMAGs Previous Year
2015	33	36		250,658	2

* Reflects the 3-year average for current month/ ** Reflects 3-year total average

Joint Preliminary Damage Assessments



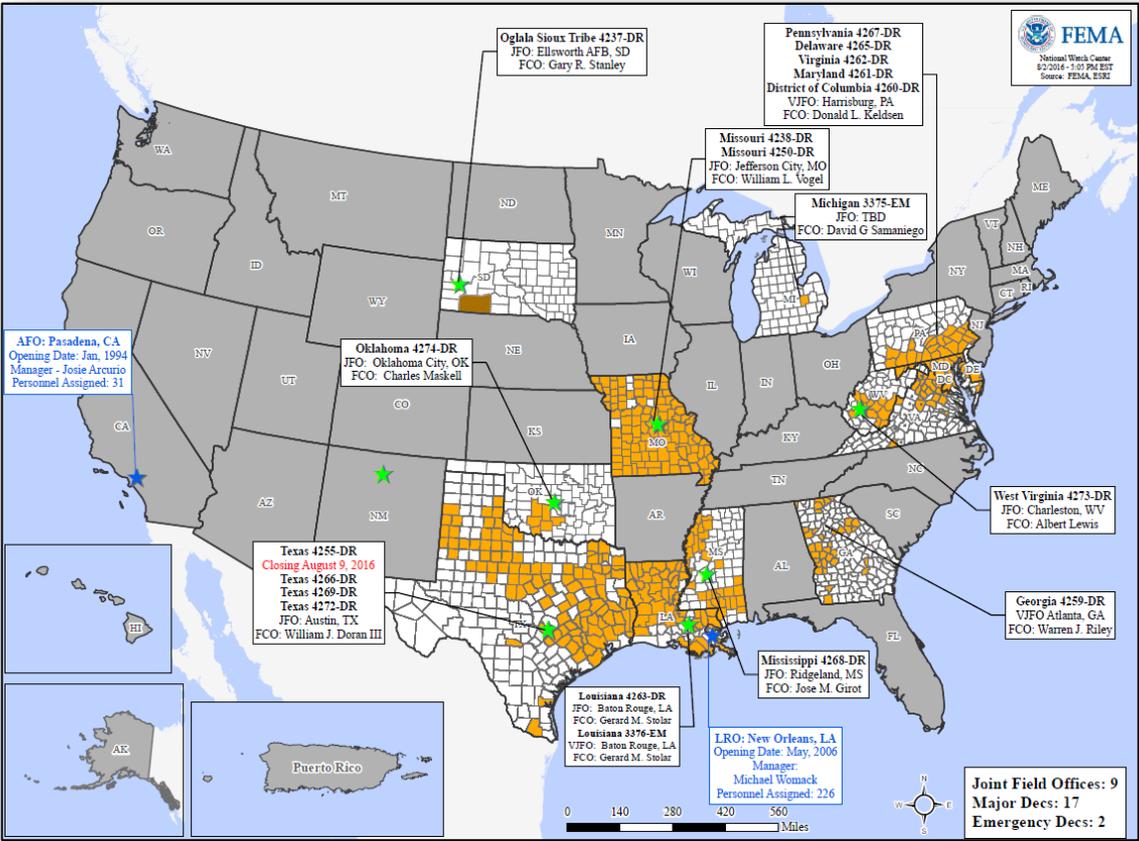
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
III	MD	Severe weather & heavy rains July 30, 2016	PA	1	0	8/4 – TBD
IV	KY	Severe storms, tornadoes, flooding & strong winds July 3-9, 2016	IA	2	0	8/2 – TBD
			PA	23	0	8/2 – TBD

Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	0
MT – DR Tornado	July 20, 2016		
KS – DR Severe Storms, Tornadoes, and Flooding	July 21, 2016		

Open Field Offices as of August 3, 2016



FEMA Readiness: Deployable Teams & Assets



Deployable Teams & Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		37	11	30%	0	3	23		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4 3 2 FDRC 3 2 1
FDRC		10	4	40%	0	0	6		
US&R		28	27	96%	1	0	0	NJ-TF1 Partially Mission Capable	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed
National IMAT		3	3	100%	0	0	0	East 2: Primary (On Call)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)
Regional IMAT		13	10	77%	0	2	1	<u>Deployed:</u> Region I: Reconstituting (FMC – Aug 15, 2016) Region III: WV (4273-WV) Region VII: Reconstituting (FMC – Aug 7, 2016)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement
MERS Teams		18	18	100%	0	0	0	<u>Deployed:</u> None	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

FEMA Readiness: National & Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		



FEMA

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.



FEMA

Daily Operations Briefing

Thursday, August 4, 2016

8:30 a.m. EDT

Significant Activity - August 3 - 4



Significant Events: None

Tropical Activity:

- Atlantic – Hurricane Earl (Category 1)
- Eastern Pacific – Tropical Storm Ivette
- Central Pacific – Post-Tropical Cyclone Howard - FINAL
- Western Pacific – No activity threatening U.S. territories

Significant Weather:

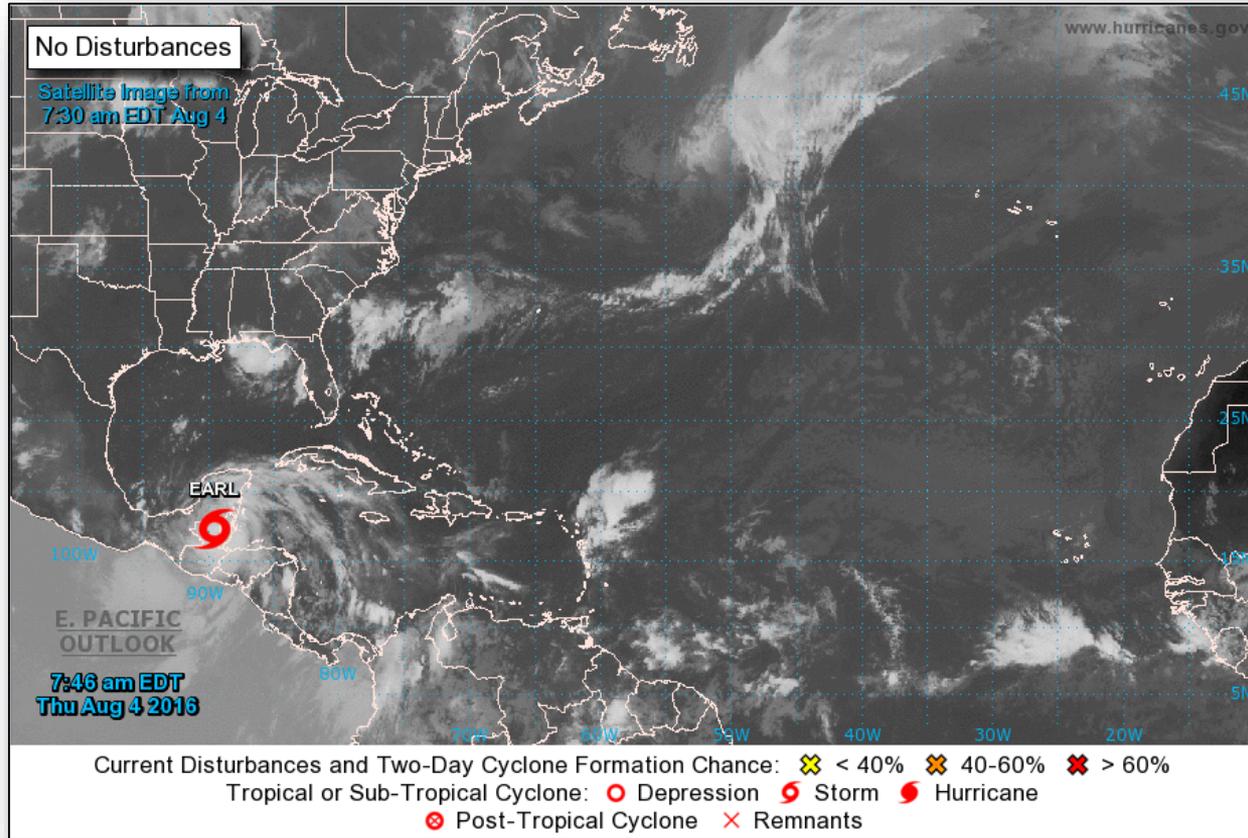
- Severe thunderstorms possible – Upper Mississippi Valley and Great Lakes
- Flash flooding possible – Southwest to Central/Southern Rockies, Upper/Middle Mississippi Valleys; Ohio/Tennessee Valleys to Carolinas
- Rain and thunderstorms – Central Great Basin to Northeast and Mid-Atlantic, Southwest to Southeast
- Elevated fire weather areas – CA & NV
- Red Flag Warnings – None
- Space Weather – Past 24 hours – minor, G1 geomagnetic storms occurred; next 24 hours – none

Earthquake Activity: No significant activity

Declaration Activity:

- Major Disaster Declaration approved- MT
- Request for Major Disaster Declaration – WI

Tropical Outlook - Atlantic



Tropical Outlook - Atlantic



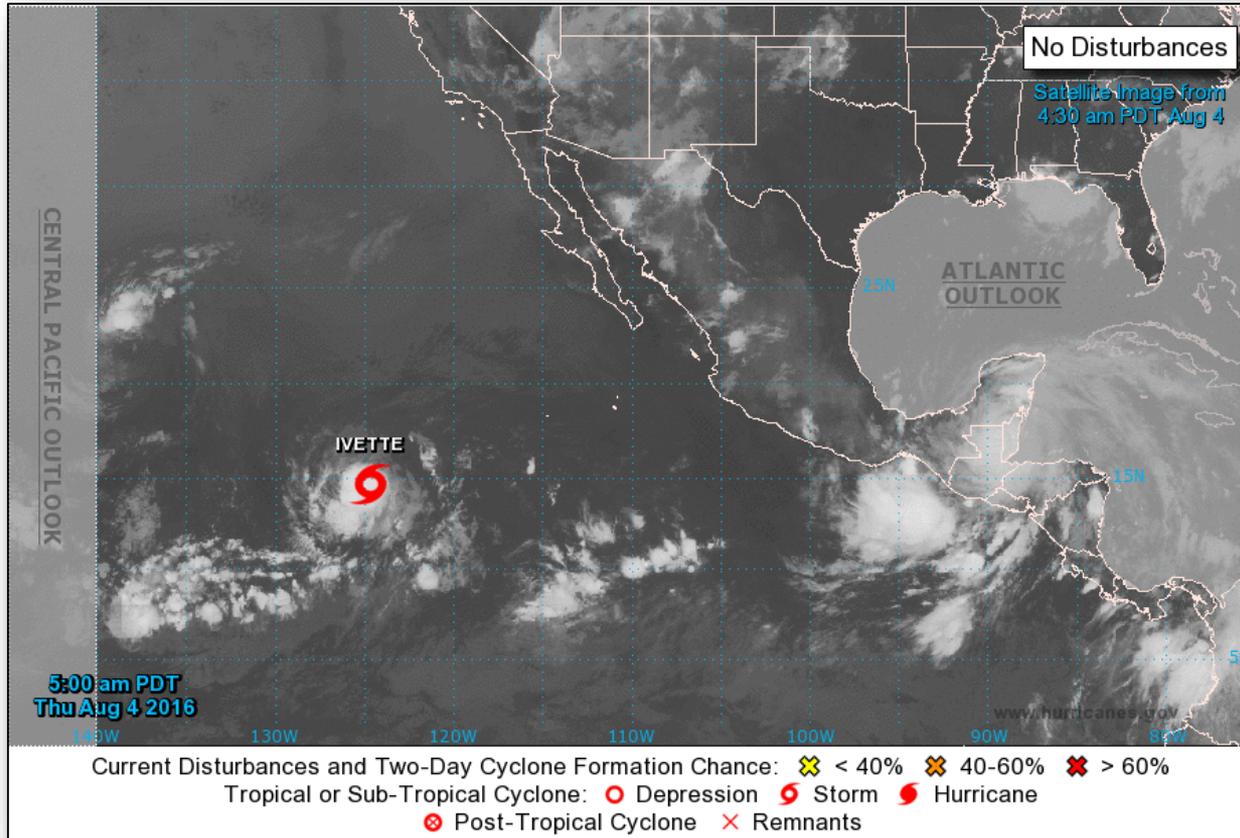
Hurricane Earl (Advisory #8 as of 5:00 a.m. EDT)

- Located 50 miles WSW of Belize City
- Moving W at 15 mph
- A turn WNW and decrease in forward speed expected later today
- Maximum winds 75 mph (Category 1 hurricane)
- Additional weakening expected as center moves farther inland
- Forecast to weaken to a tropical storm later this morning and to a tropical depression by Friday morning
- Hurricane force winds extend 25 miles
- Tropical storm force winds extend 140 miles

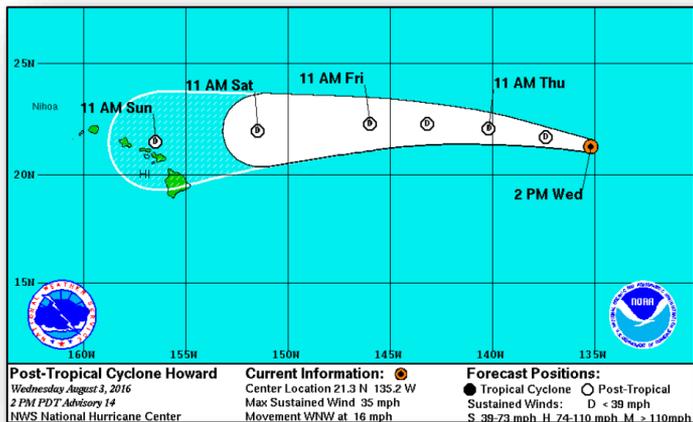
Tropical Outlook - Eastern Pacific



FEMA

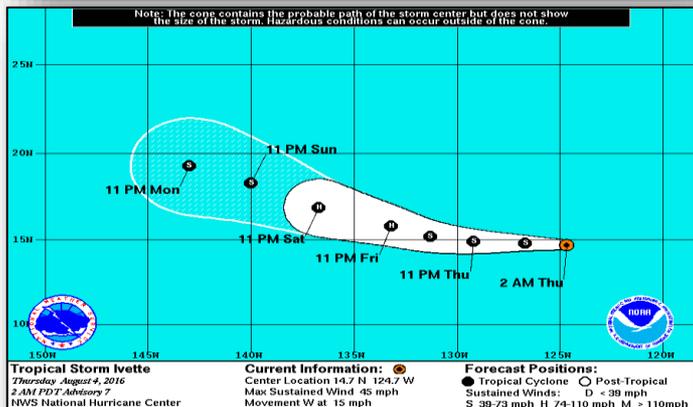


Tropical Outlook - Eastern Pacific



Post Tropical Cyclone Howard FINAL (Advisory #14 As of 5:00 a.m. EDT)

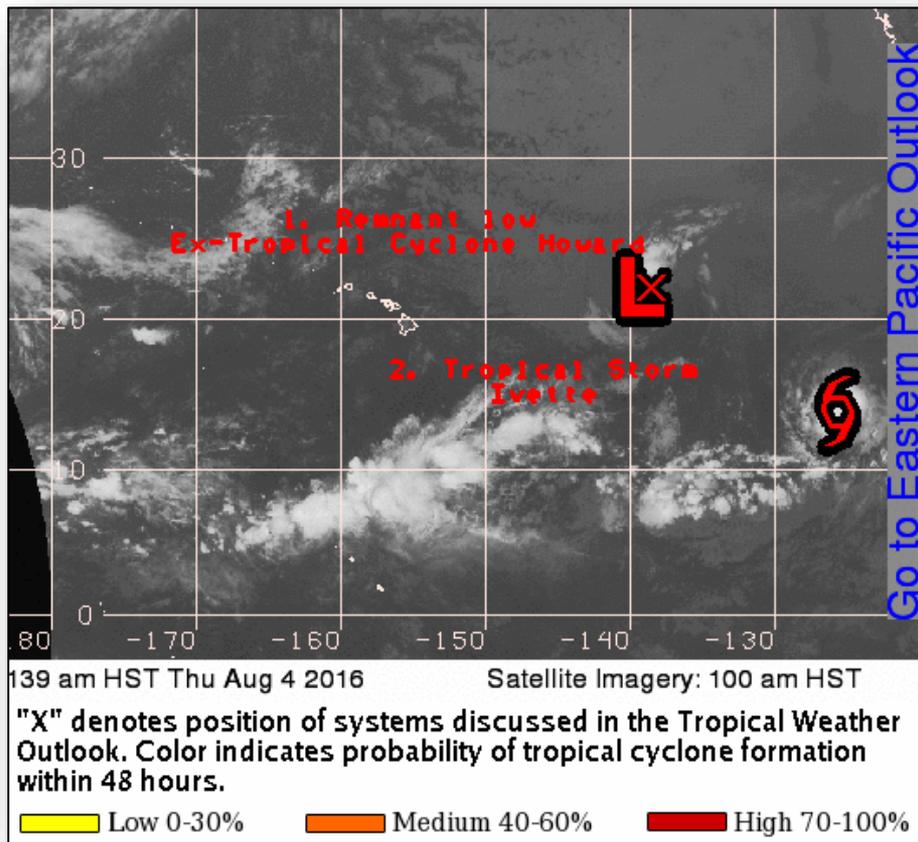
- Located 1,290 miles E of Hilo, HI
- Moving WNW at 16 mph
- Maximum sustained winds 35 mph
- Should gradually lose strength next few days
- This is last Public Advisory



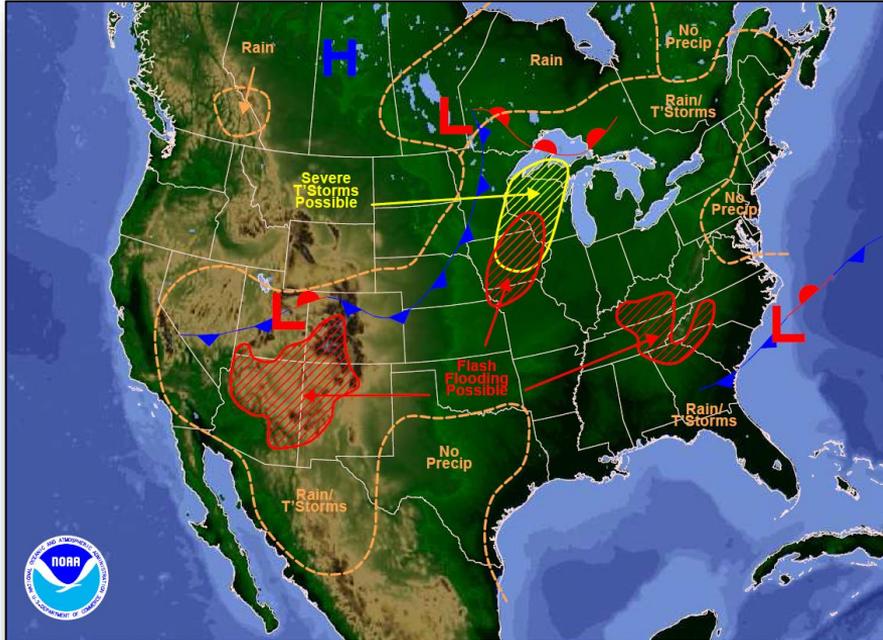
Tropical Storm Ivette: (Advisory #7 As of 5:00 a.m. EDT)

- Located 1,120 miles WSW of southern tip of Baja California, Mexico
- Moving W at 15 mph
- This motion with decrease in forward speed expected next couple of days
- Maximum sustained winds 45 mph
- Some gradual strengthening forecast next couple of days
- Could become a hurricane late Friday or Friday night
- Tropical storm force winds extend 80 miles

Tropical Outlook - Central Pacific

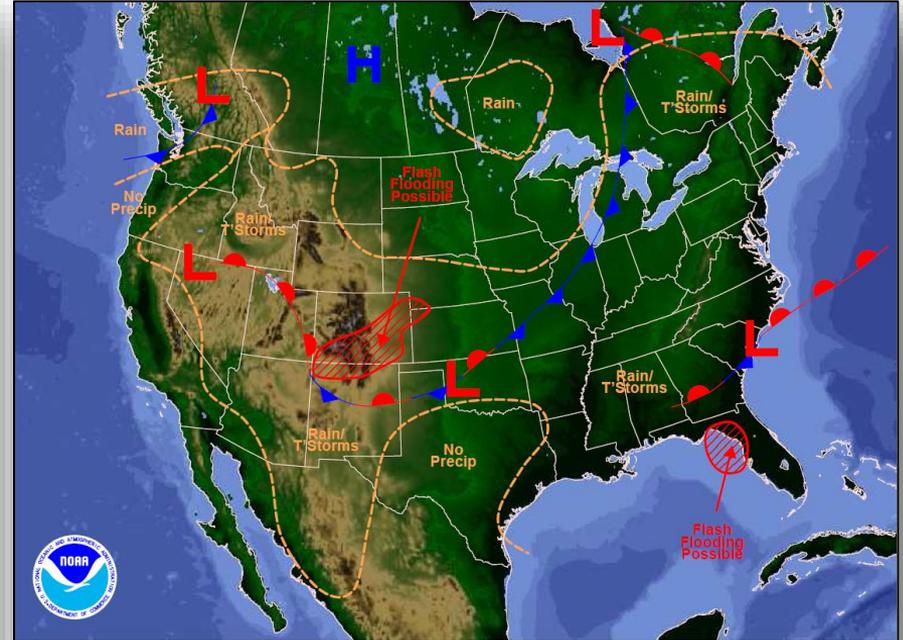


National Weather Forecast



Weather Forecast for Thu, Aug 04, 2016, issued 4:46 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Today



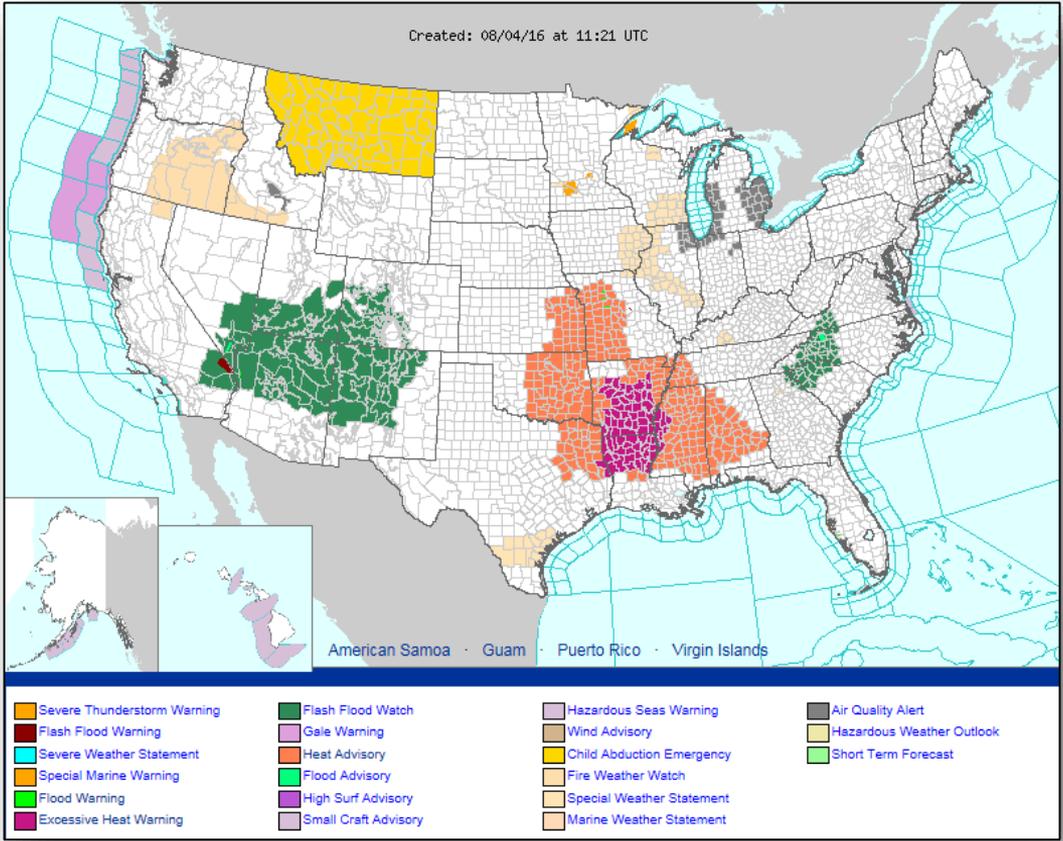
Weather Forecast for Fri, Aug 05, 2016, issued 4:50 AM EDT Thu, Aug 04, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Tomorrow

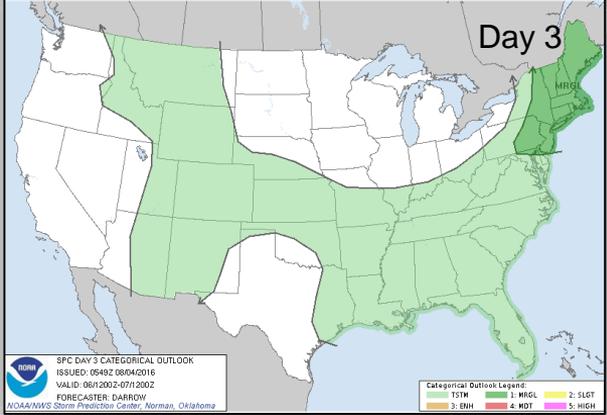
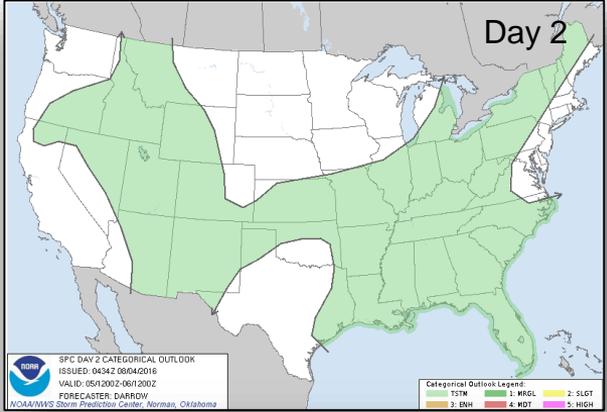
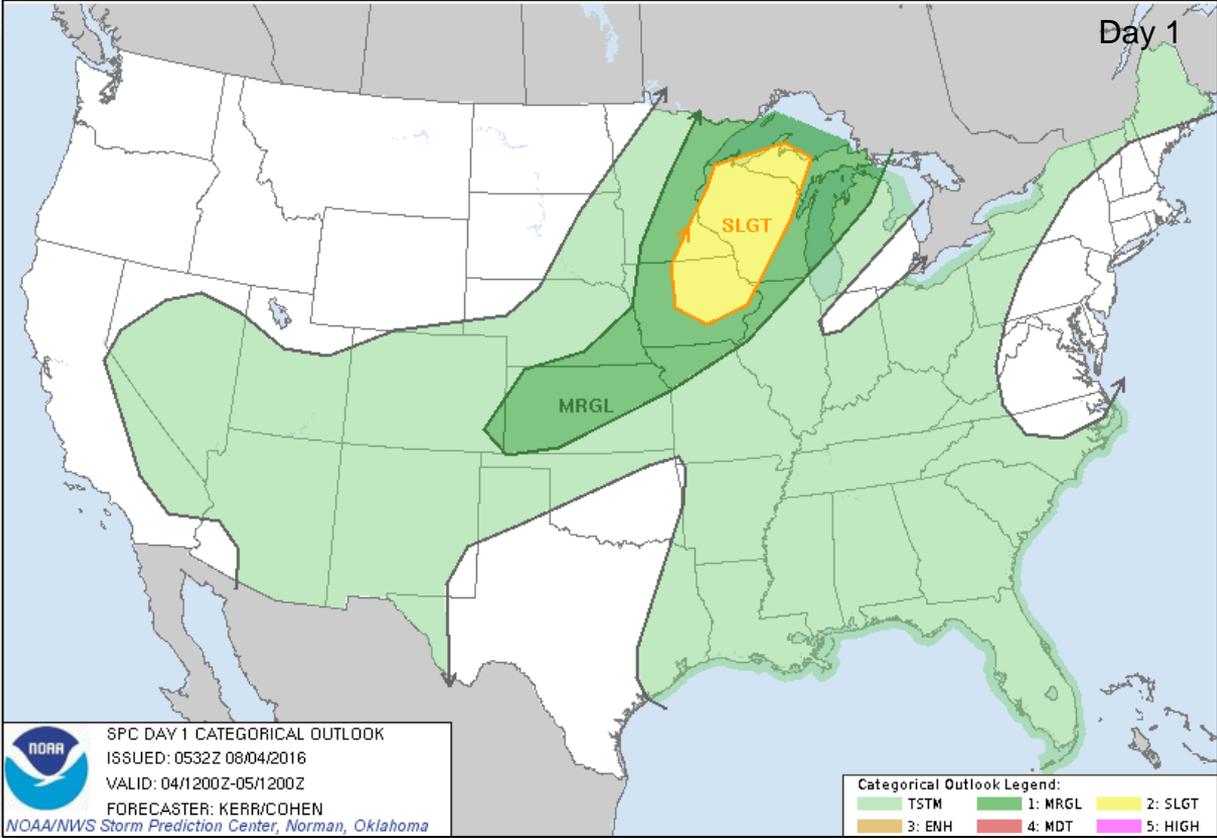
Active Watches & Warnings



FEMA



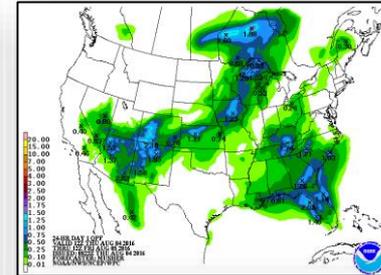
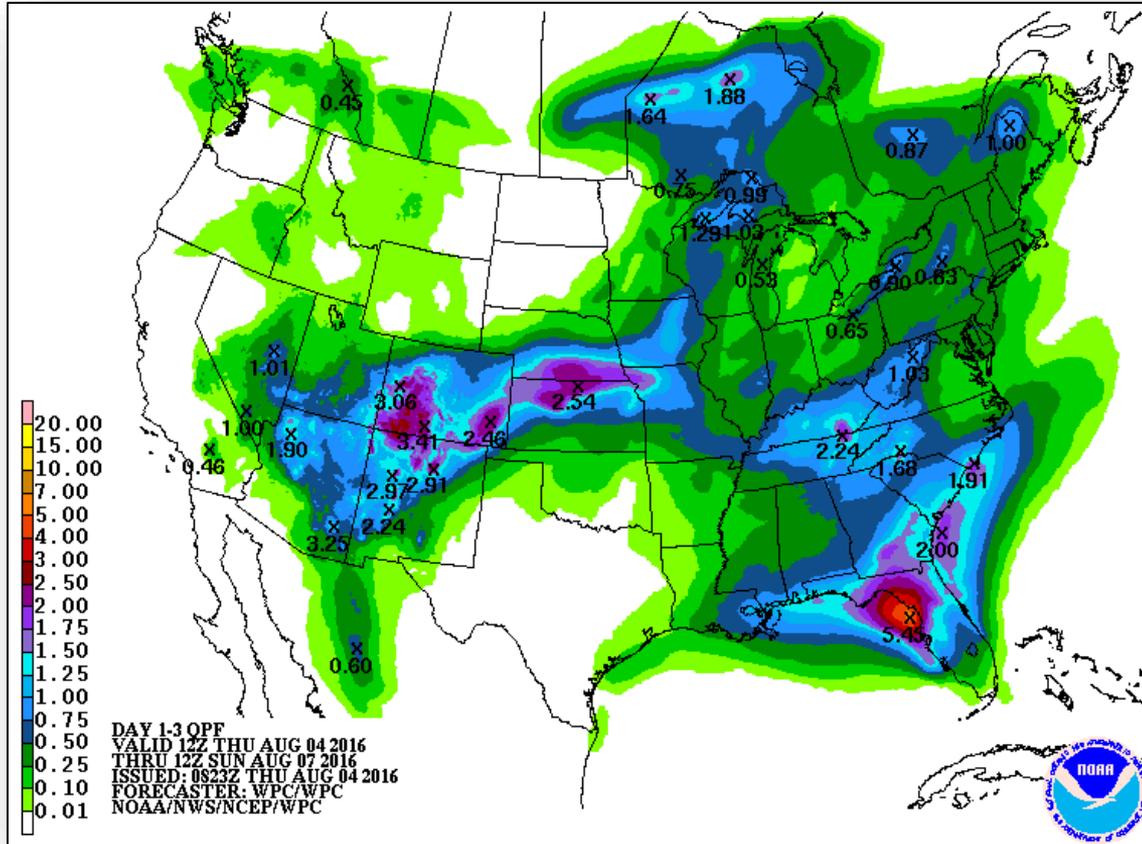
Severe Weather Outlook - Days 1-3



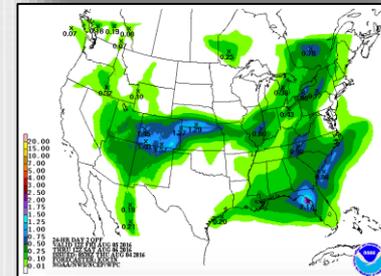
Precipitation Forecast - Days 1-3



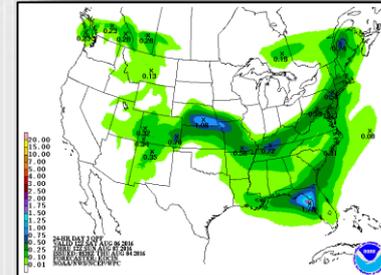
FEMA



Day 1

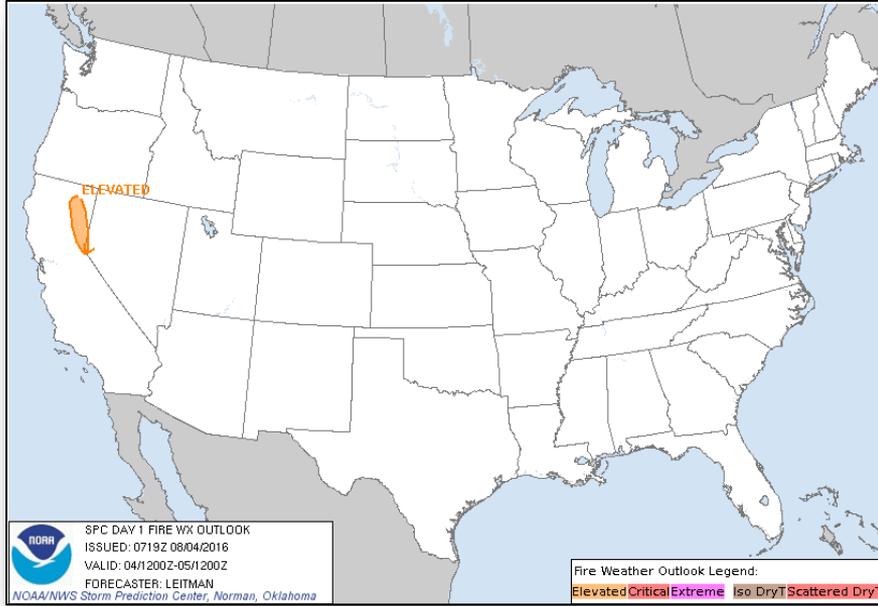


Day 2

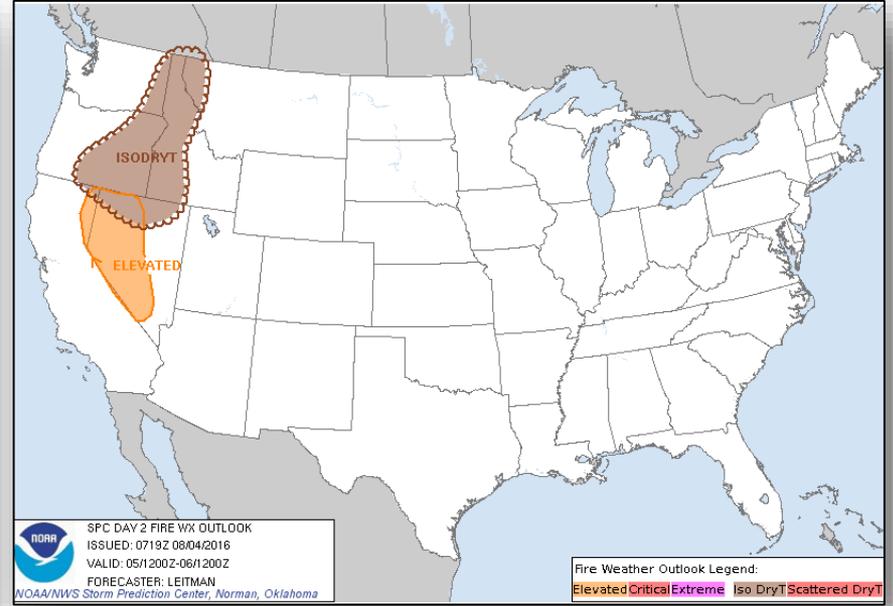


Day 3

Fire Weather Outlook

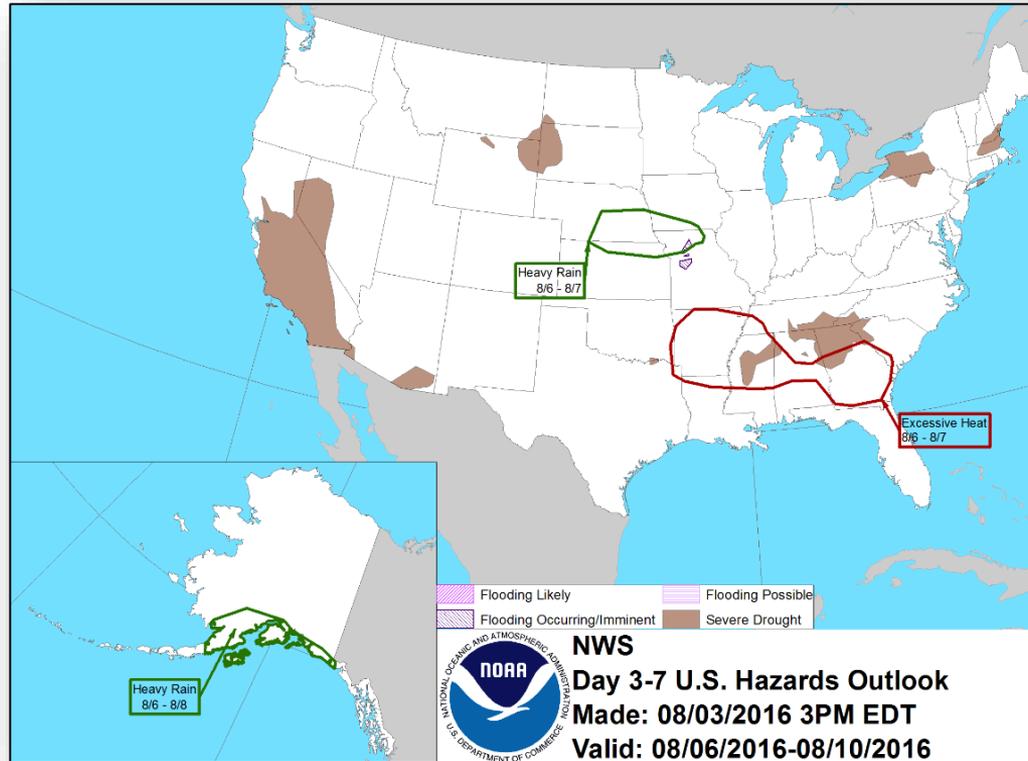


Day 1



Day 2

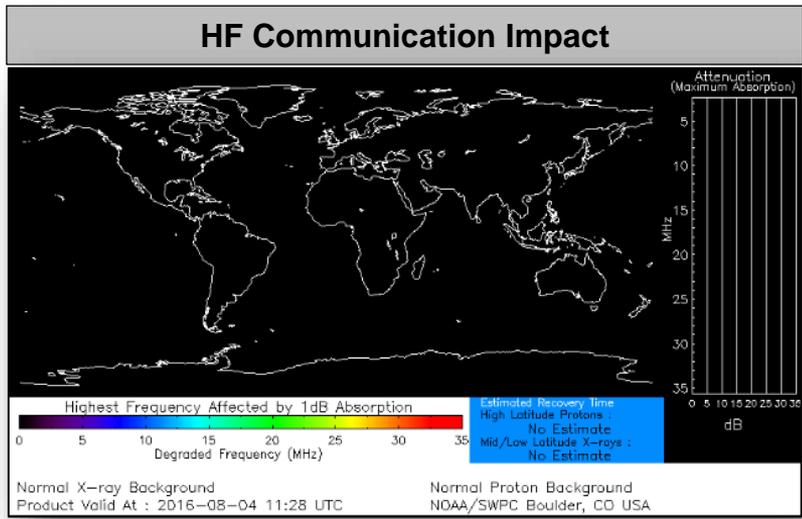
Hazards Outlook - August 6 -10





Space Weather

	Past 24 Hours	Current	Next 24 Hours
Space Weather Activity	Minor	None	None
Geomagnetic Storms	G1	None	None
Solar Radiation Storms	None	None	None
Radio Blackouts	None	None	None



Wildfire Summary



Fire Name (County)	FMAG #	Acres burned	% Contained	Evacuations (Residents)	Structures Threatened	Structures Damaged / Destroyed	Fatalities / Injuries
California (1)							
Soberanes Fire (Monterey County)	FEMA-5137-FM-CA	46,700 (+2,400)	27% (+2)	Mandatory	2,000 homes	5 (3 homes) / 68 (57 homes)	1 / 1
Nevada (1)							
Virginia Mountains Complex <i>(FINAL)</i> (Washoe County)	FEMA-5141-FM-NV	59,727 (+5,802)	68% (+27)	Lifted	None	0 / 12 (6 homes)	0 / 3
Washington (1)							
South Ward Gap <i>(FINAL)</i> (Benton County)	FEMA-5142-FM-WA	5,000	40%	Lifted	100 homes	0 / 2 (no homes)	0 / 0
Montana (1)							
Roaring Lion Fire (Ravalli County)	FEMA-5143-FM-MT	7,129 (+2,737)	7% (+7)	Mandatory	2,347 (847 homes) (+347 homes)	0 / 64 (14 homes)	0 / 0

Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
III	MD	Severe weather & heavy rains July 30, 2016	PA	1	0	8/4 – TBD
IV	KY	Severe storms, tornadoes, flooding & strong winds July 3-9, 2016	IA	2	1	8/2 – TBD
			PA	22 (-1)	7	8/2 – TBD

Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
1	Date Requested	1	1
MT – DR Tornado	July 20, 2016	Declared August 3, 2016	
KS – DR Severe Storms, Tornadoes, and Flooding	July 21, 2016		Denied August 3, 2016
WI – DR Severe Storms and Flooding	August 3, 2016		

Major Disaster Declaration Approved- MT



FEMA-4275-DR-MT

- Major Disaster Declaration approved August 3, 2016 for state of Montana for a tornado that occurred June 11, 2016
- Provides:
 - Public Assistance for Fallon County
 - Hazard Mitigation statewide
- FCO is Nancy M. Casper

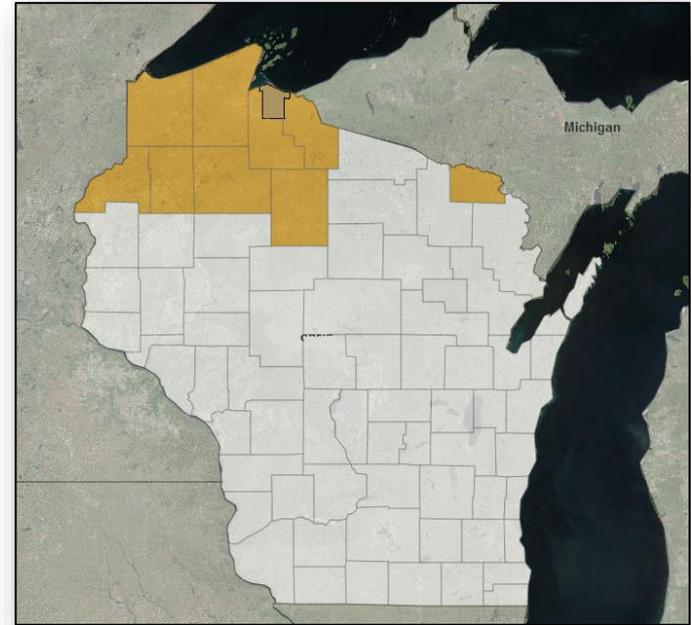


Major Disaster Declaration Request – WI

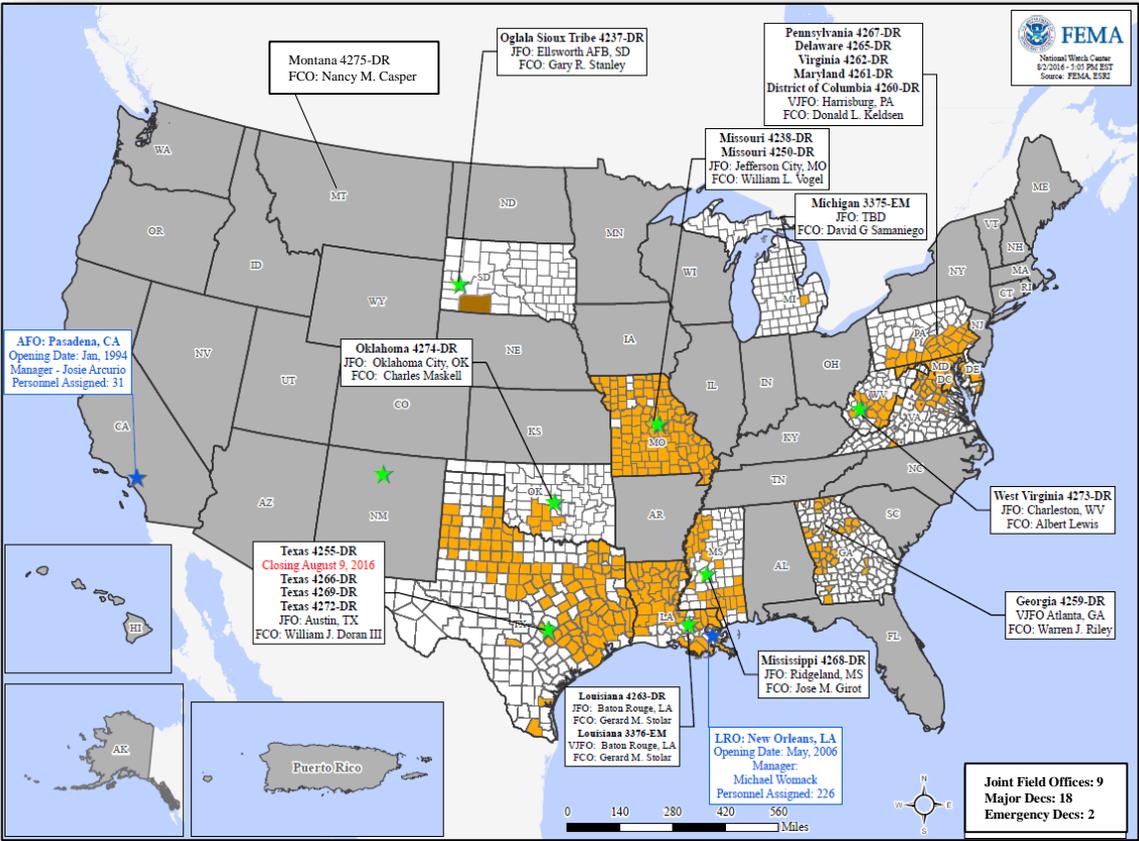


August 3, 2016

- Request for Major Disaster Declaration for state of Wisconsin for severe storms and flooding during the period of July 11-12, 2016
- Requesting:
 - Public Assistance for 9 counties & 1 tribe
 - Hazard Mitigation statewide



Open Field Offices as of August 4, 2016



FEMA Readiness: Deployable Teams & Assets



Deployable Teams & Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		37	11	30%	0	3	23		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4 3 2 FDRC 3 2 1
FDRC		10	4	40%	0	0	6		
US&R		28	27	96%	1	0	0	NJ-TF1 Partially Mission Capable	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed
National IMAT		3	3	100%	0	0	0	East 2: Primary (On Call)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)
Regional IMAT		13	10	77%	0	2	1	<u>Deployed:</u> Region I: Reconstituting (FMC – Aug 15, 2016) Region III: WV (4273-WV) Region VII: Reconstituting (FMC – Aug 7, 2016)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement
MERS Teams		18	18	100%	0	0	0	<u>Deployed:</u> None	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

FEMA Readiness: National & Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		



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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.



FEMA

Daily Operations Briefing

Friday, August 5, 2016

8:30 a.m. EDT

Significant Activity - August 4 - 5



Significant Events: None

Tropical Activity:

- Atlantic - Tropical Storm Earl
- Eastern Pacific - Tropical Storm Ivette; Disturbance 1
- Central Pacific - No tropical cyclones expected through Saturday evening
- Western Pacific - No activity threatening U.S. territories

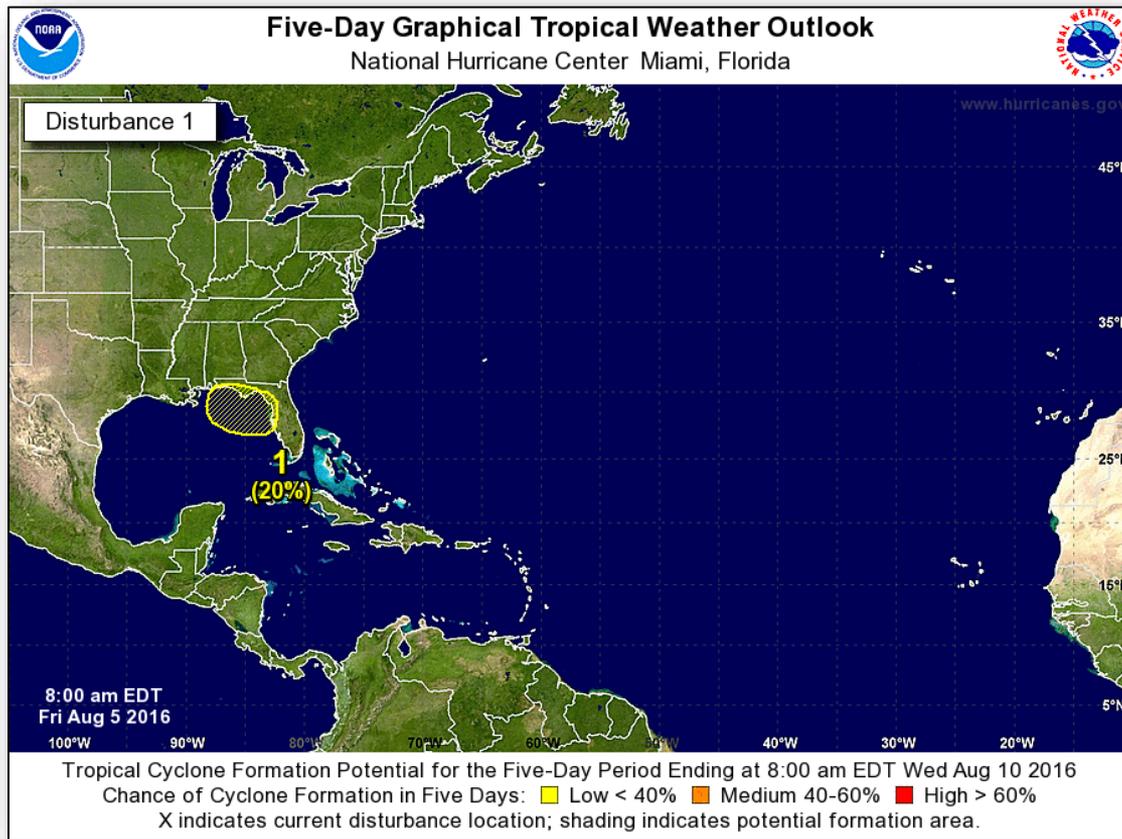
Significant Weather:

- Heavy monsoonal moisture and flash flooding - Desert Southwest and Southern Rockies; Florida
- Rain and thunderstorms - California, Central Great Basin, Southwest, Central Plains, Great Lakes, Mississippi River Valley, Ohio/Tennessee Valleys, Southeast, Mid-Atlantic and Northeast
- Elevated fire weather areas - Northern CA, NV
- Isolated Dry Thunderstorms - CA, NV, WA, OR, ID, and MT
- Red Flag Warnings - OR, ID & UT
- Space Weather - Past 24 hours, no storms observed; next 24 hours, no storms predicted

Earthquake Activity: No significant activity

Declaration Activity: Major Disaster Declaration Request - Fort Peck Assiniboine and Sioux Tribes

Tropical Outlook - Atlantic



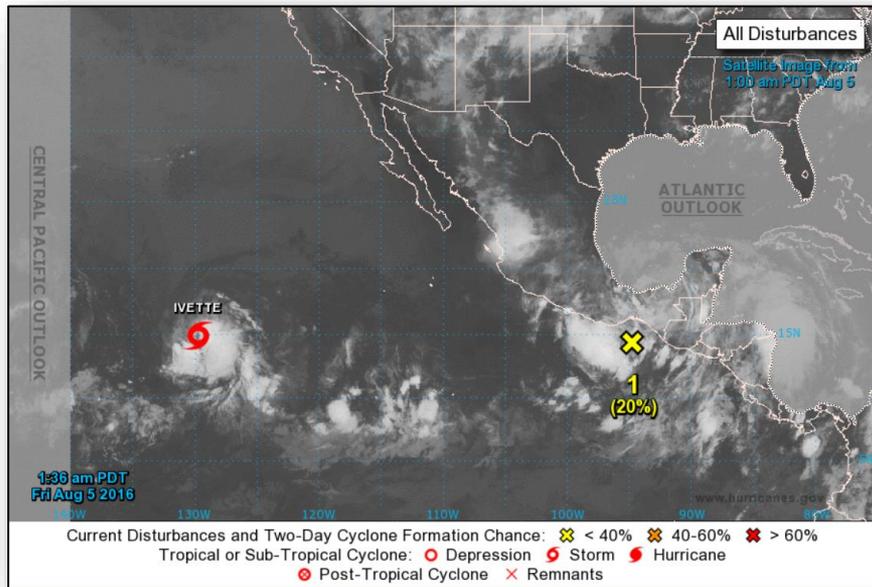
Tropical Outlook - Atlantic



Tropical Storm Earl (Advisory #12 as of 5:00 a.m. EDT)

- Located 70 miles SW of Ciudad del Carmen, Mexico
- Moving WNW at 12 mph
- Maximum winds 40 mph
- Little change in strength is forecast through tonight
- Weakening is expected on Saturday
- Tropical storm force winds extend 70 miles

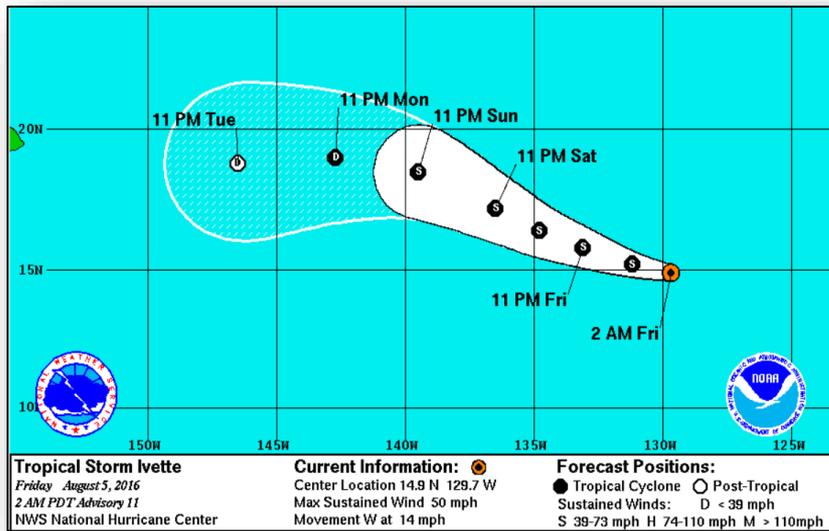
Tropical Outlook - Eastern Pacific



Disturbance 1 (As of 5:00 a.m. EDT)

- Located south of Gulf of Tehuantepec
- Moving NW towards Baja California, Mexico peninsula
- Expected to move WNW and merge with remnants of TS Earl
- Conditions appear conducive for development
- Tropical depression likely to form early next week
- Formation chance through 48 hours: LOW (20%)
- Formation chance through 5 days: HIGH (70%)

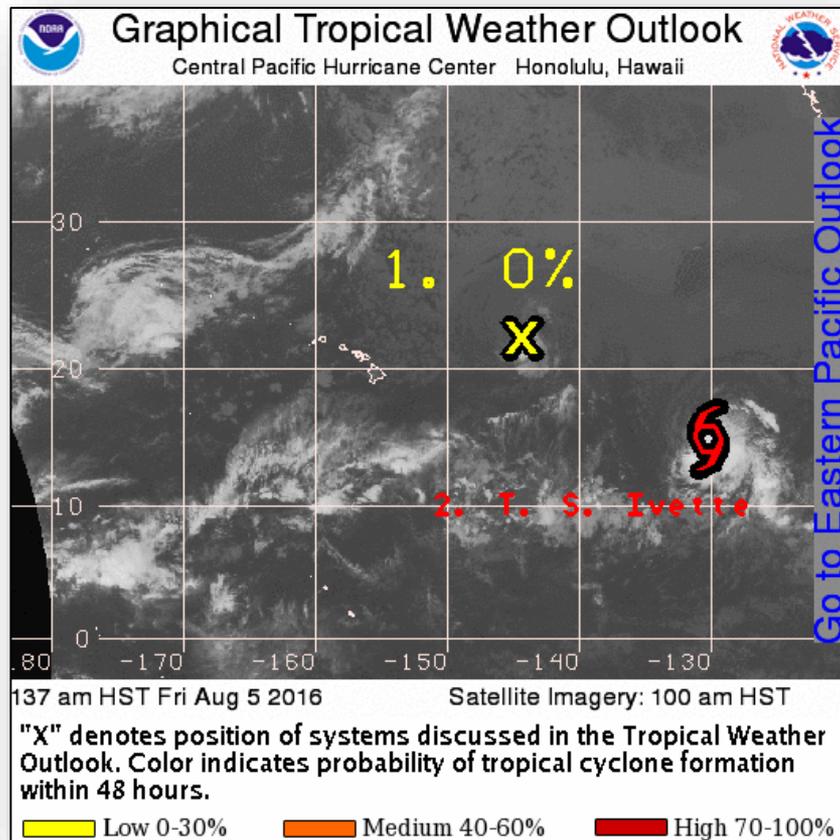
Tropical Outlook - Eastern Pacific



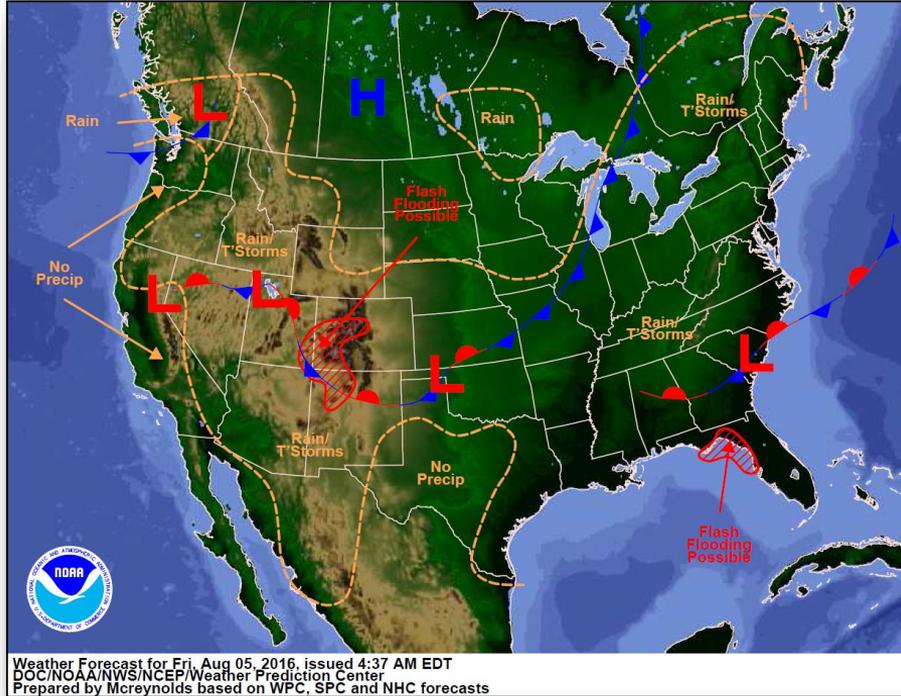
Tropical Storm Ivette (Advisory #11 as of 5:00 a.m. EDT)

- Located 1,405 miles WSW of southern tip of Baja California, Mexico
- Moving W at 14 mph
- A turn toward WNW at a slightly slower speed expected Saturday
- Maximum sustained winds 50 mph
- Slight strengthening expected over next 24-48 hours
- Tropical storm force winds extend 70 miles

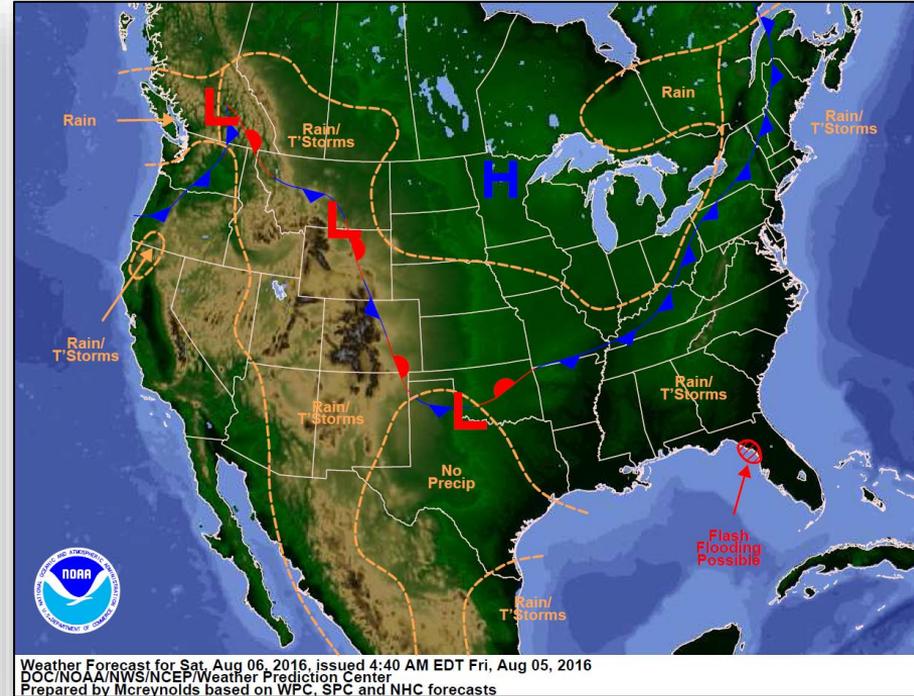
Tropical Outlook - Central Pacific



National Weather Forecast

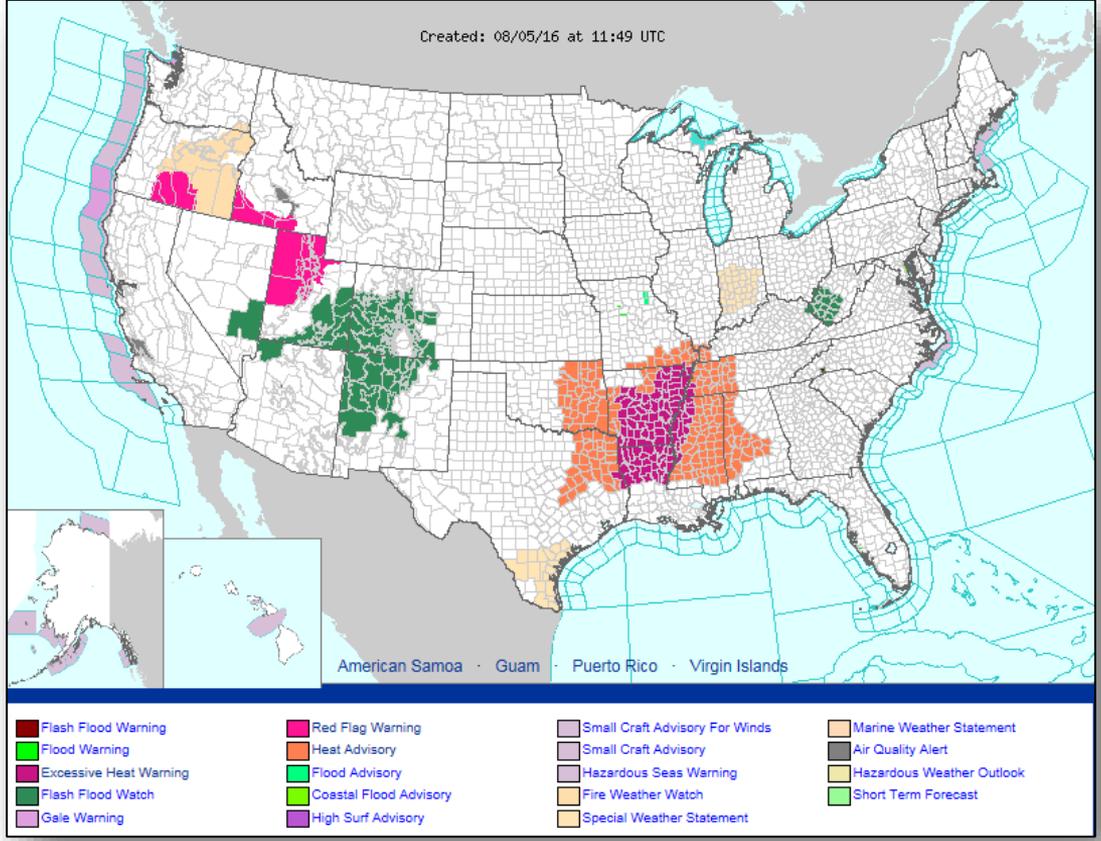


Today



Tomorrow

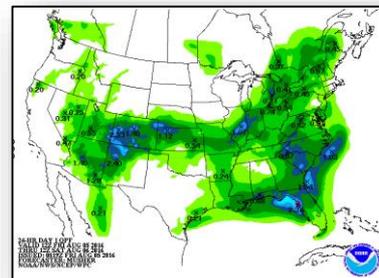
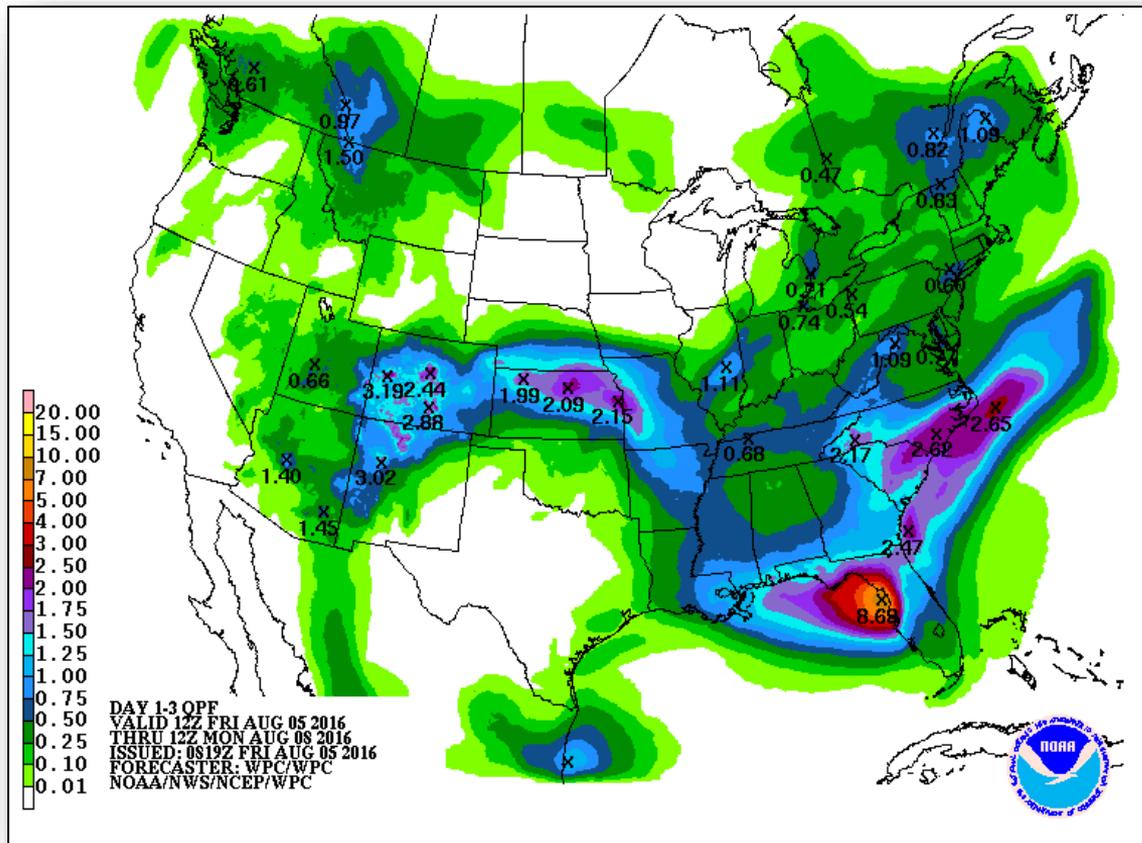
Active Watches & Warnings



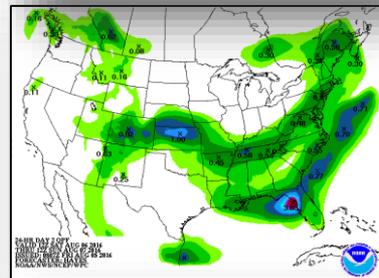
Precipitation Forecast - Days 1-3



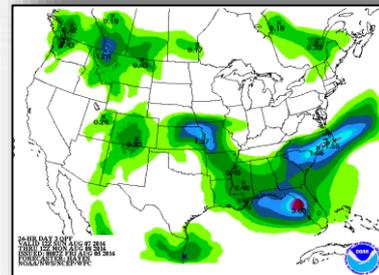
FEMA



Day 1

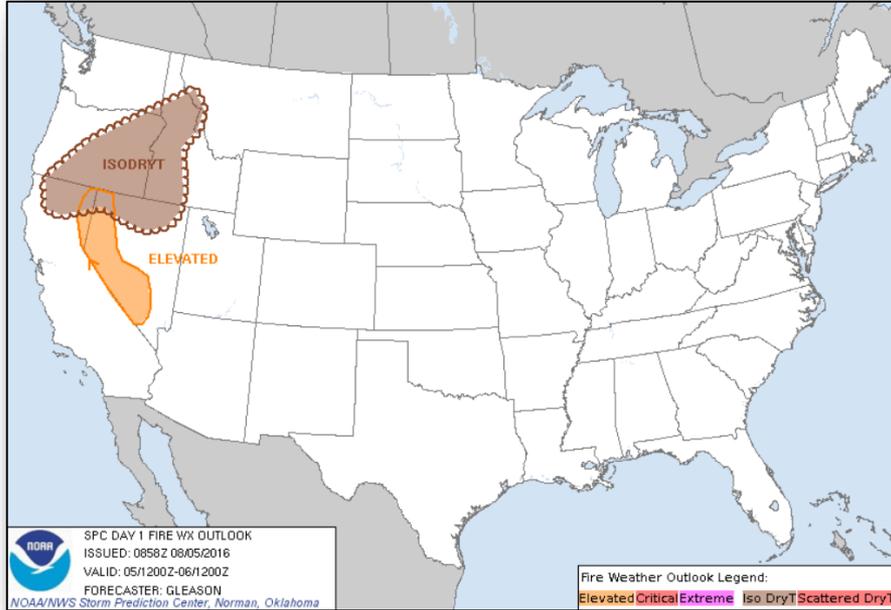


Day 2

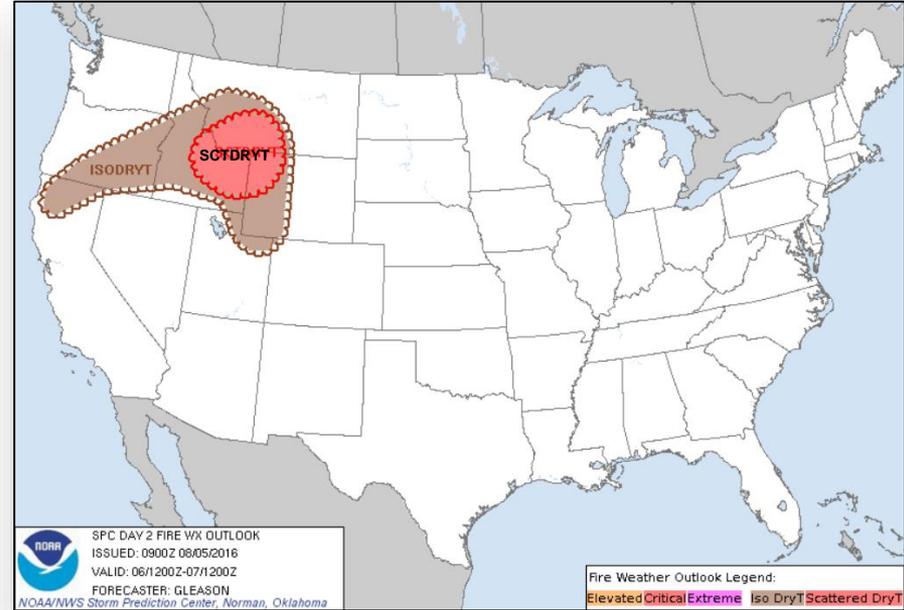


Day 3

Fire Weather Outlook

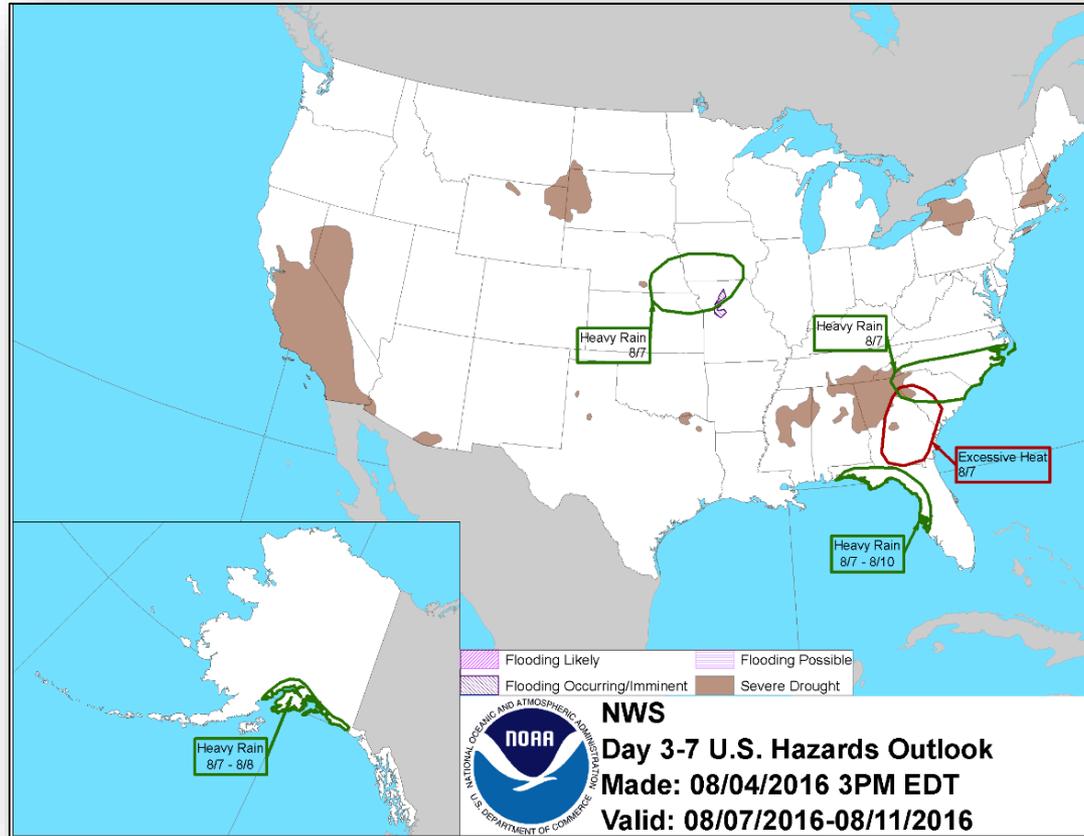


Day 1

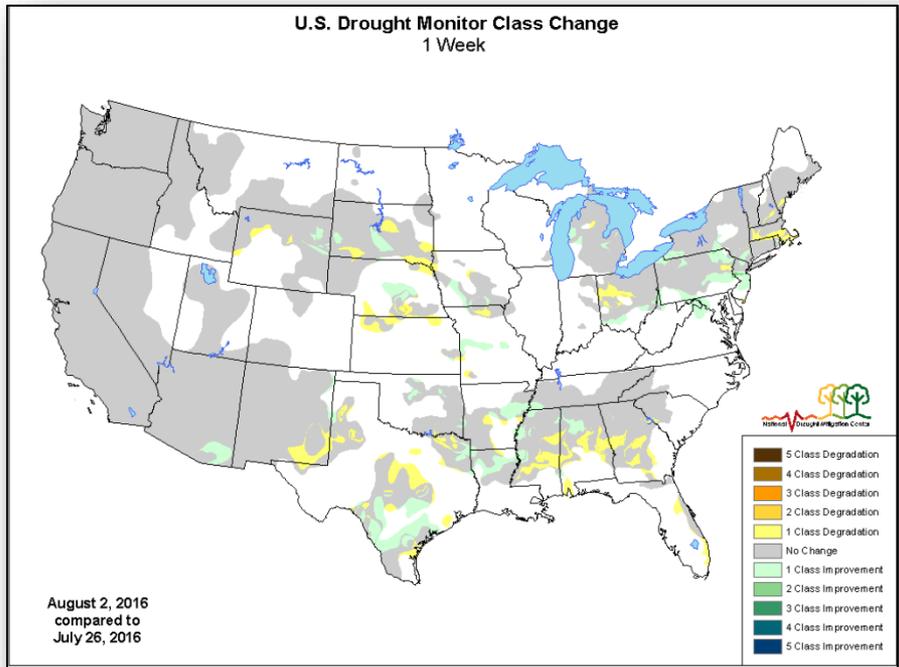
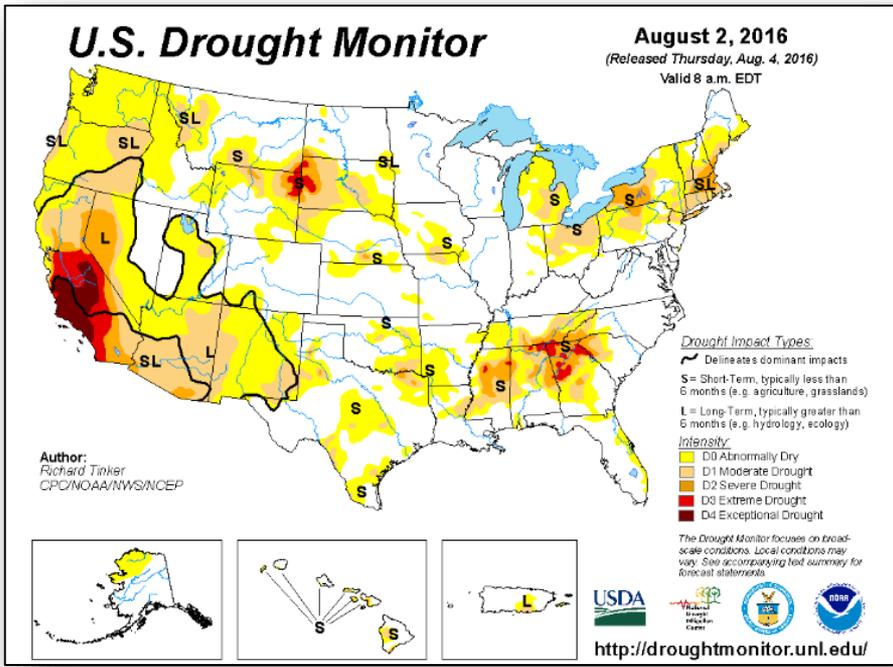


Day 2

Hazards Outlook - August 7 -11



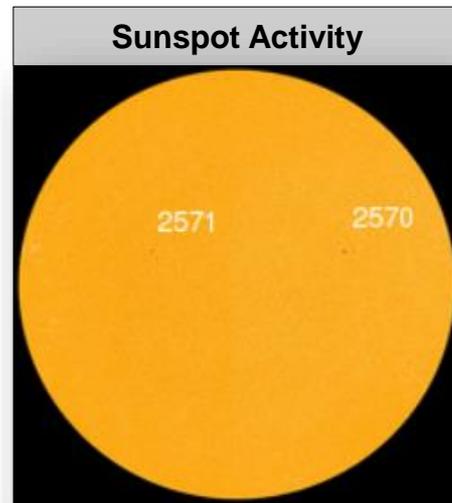
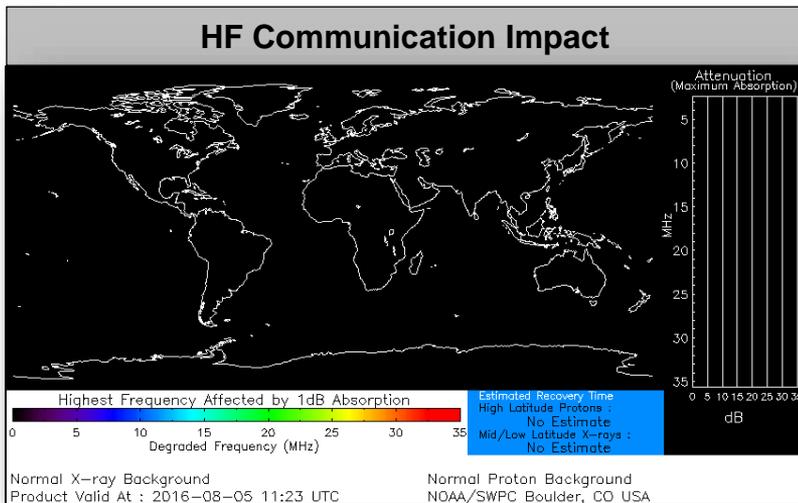
U.S. Drought Monitor





Space Weather

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



Wildfire Summary



Fire Name (County)	FMAG #	Acres burned	% Contained	Evacuations (Residents)	Structures Threatened	Structures Damaged / Destroyed	Fatalities / Injuries
California (1)							
Soberanes Fire (Monterey County)	FEMA-5137-FM-CA	51,200 (+200)	30% (+3)	Mandatory	2,000 homes	5 (3 homes) / 68 (57 homes)	1 / 1
Montana (1)							
Roaring Lion Fire (Ravalli County)	FEMA-5143-FM-MT	7,753 (+624)	15% (+8)	Mandatory	2,347 (847 homes)	3 / 61 (14 homes)	0 / 0

Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
III	WV	Severe weather & heavy rains July 30, 2016	IA	1	0	8/5 - TBD
			PA	1	0	8/6 - TBD
III	MD	Severe weather & heavy rains July 30, 2016	PA	1	0	8/4 - TBD
IV	KY	Severe storms, tornadoes, flooding & strong winds July 3-9, 2016	IA	2	1	8/2 - TBD
			PA	22	7	8/2 - TBD

Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	0
WI – DR Severe storms and flooding	August 3, 2016		
Fort Peck Tribes: Assiniboine & Sioux – DR Severe storm and straight-line winds	August 1, 2016		

Major Disaster Declaration Request - Tribes

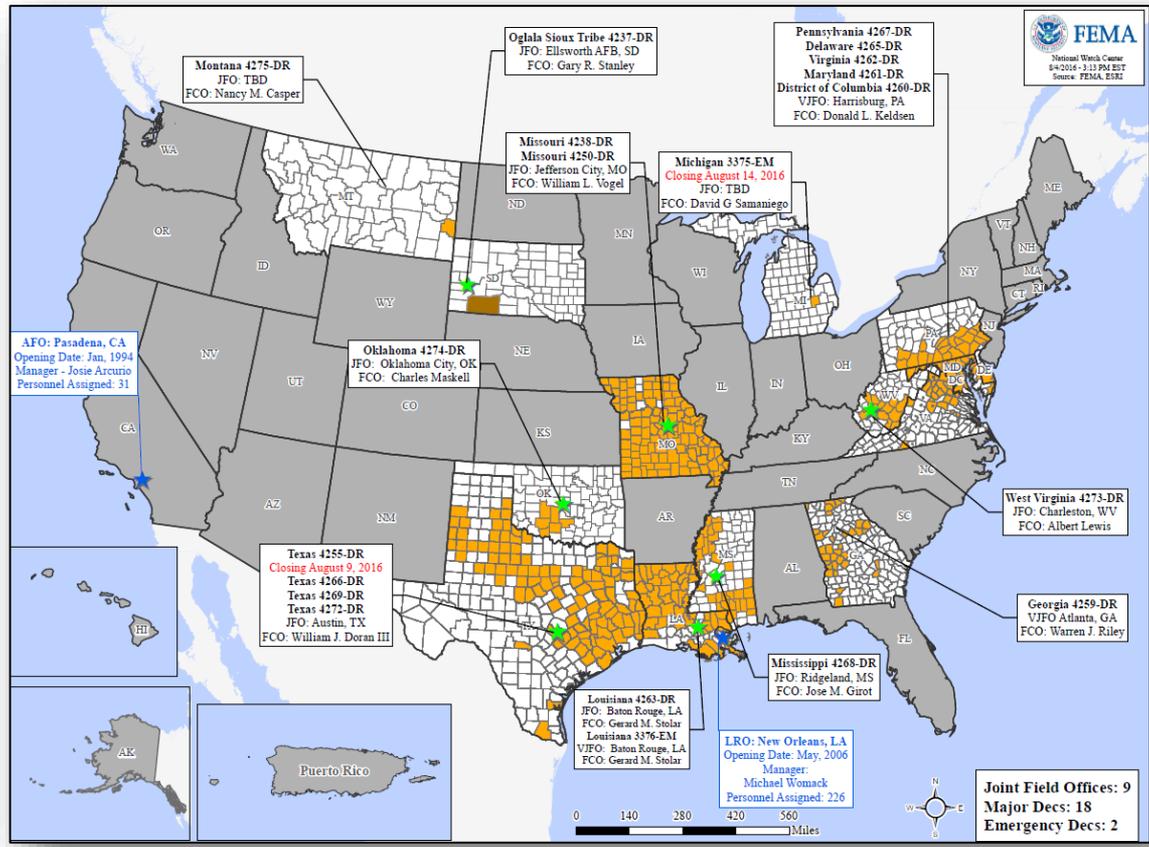


August 1, 2016

- Request for Major Disaster Declaration for Fort Peck Tribes, Assiniboine and Sioux, for a severe storm and straight-line winds on June 24, 2016
- Requesting:
 - Individual and Household Program (IHP) for Fort Peck Tribes, Assiniboine and Sioux
 - Hazard Mitigation for the Fort Peck Indian Reservation



Open Field Offices as of August 5, 2016



FEMA Readiness - Deployable Teams & Assets



Deployable Teams & Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		37	11	30%	0	3	23		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4 3 2 FDRC 3 2 1
FDRC		10	4	40%	0	0	6		
US&R		28	27	96%	1	0	0	NJ-TF1: Partially Mission Capable	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed
National IMAT		3	3	100%	0	0	0	East 2: Primary (On Call)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)
Regional IMAT		13	10	77%	0	2	1	<u>Deployed:</u> Region I: Reconstituting (FMC - Aug 15, 2016) Region III: WV (4273-WV) Region VII: Reconstituting (FMC - Aug 7, 2016)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement
MERS Teams		18	18	100%	0	0	0	<u>Deployed:</u> None	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

FEMA Readiness - National & Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		



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FEMA

Daily Operations Briefing

Saturday, August 6, 2016

8:30 a.m. EDT

Significant Activity - August 5 - 6



Significant Events: None

Tropical Activity:

- Atlantic – Tropical Depression Earl; Disturbance 1
- Eastern Pacific – Tropical Storm Ivette; Disturbance 1
- Central Pacific – No tropical cyclones expected through Sunday morning
- Western Pacific – No activity threatening U.S. territories

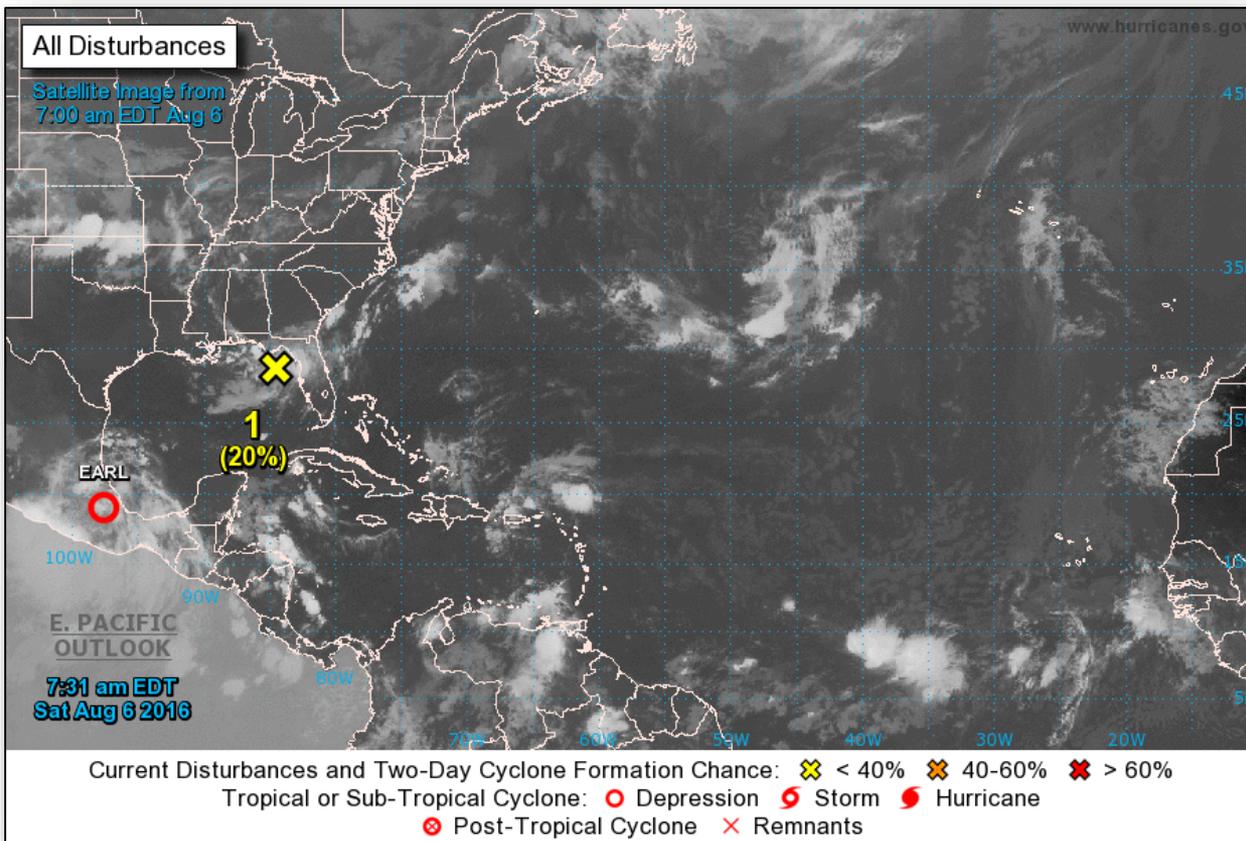
Significant Weather:

- Flash flooding – CO, KS, OK, MO, AR & FL
- Rain and thunderstorms – California, Central Great Basin, Southwest, Central Plains, lower Mississippi River Valley, Ohio/Tennessee Valleys, Southeast, Mid-Atlantic and Northeast
- Critical fire weather areas – ID, MT & WY
- Isolated Dry Thunderstorms – CA, OR, WA, ID, MT, WY, CO, UT & NV
- Red Flag Warnings – OR, WA & ID
- Space Weather – Past 24 hours, no storms observed; next 24 hours, no storms predicted

Earthquake Activity: No significant activity

Declaration Activity: None

Tropical Outlook - Atlantic

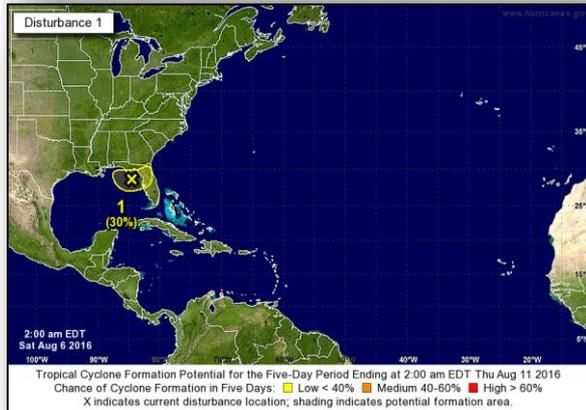


Tropical Outlook - Atlantic



Tropical Depression Earl (Advisory #16A as of 8:00 a.m. EDT)

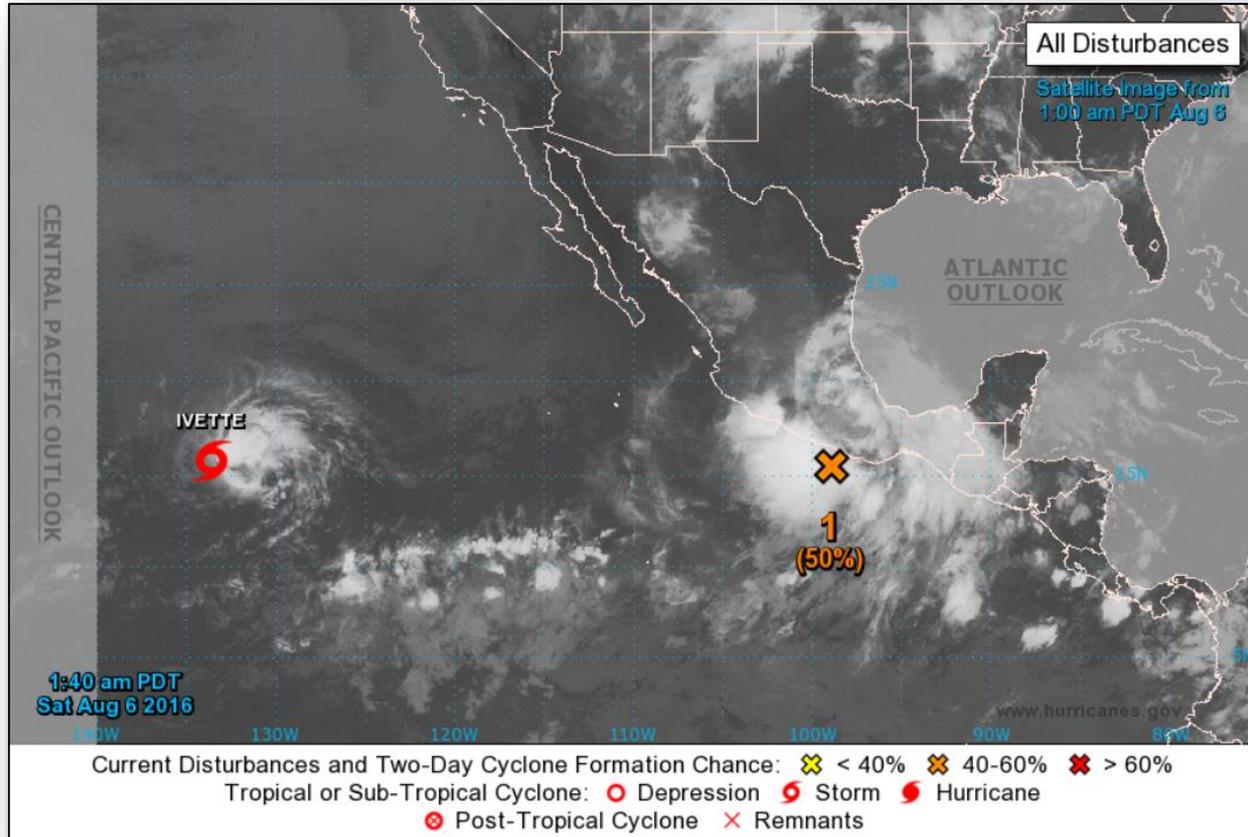
- Located 100 miles WSW of Veracruz, Mexico
- Moving W at 10 mph; this motion expected to continue next couple of days
- Maximum sustained winds 35 mph
- Expected to dissipate over Mexico later today
- No coastal watches or warnings in effect



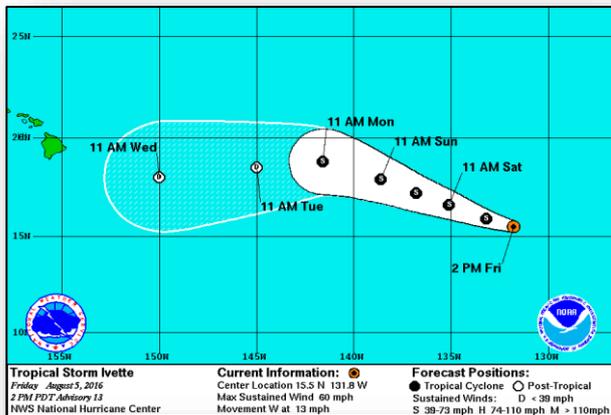
Disturbance 1 (As of 2:00 a.m. EDT)

- Located over NE Gulf of Mexico
- Some development possible
- Formation chance through 48 hours: LOW (20%)
- Formation chance through 5 days: LOW (30%)

Tropical Outlook - Eastern Pacific

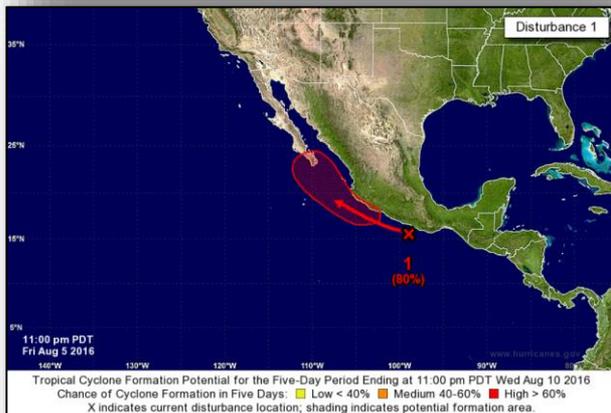


Tropical Outlook - Eastern Pacific



Tropical Storm Ivette (Advisory #15 as of 5:00 a.m. EDT)

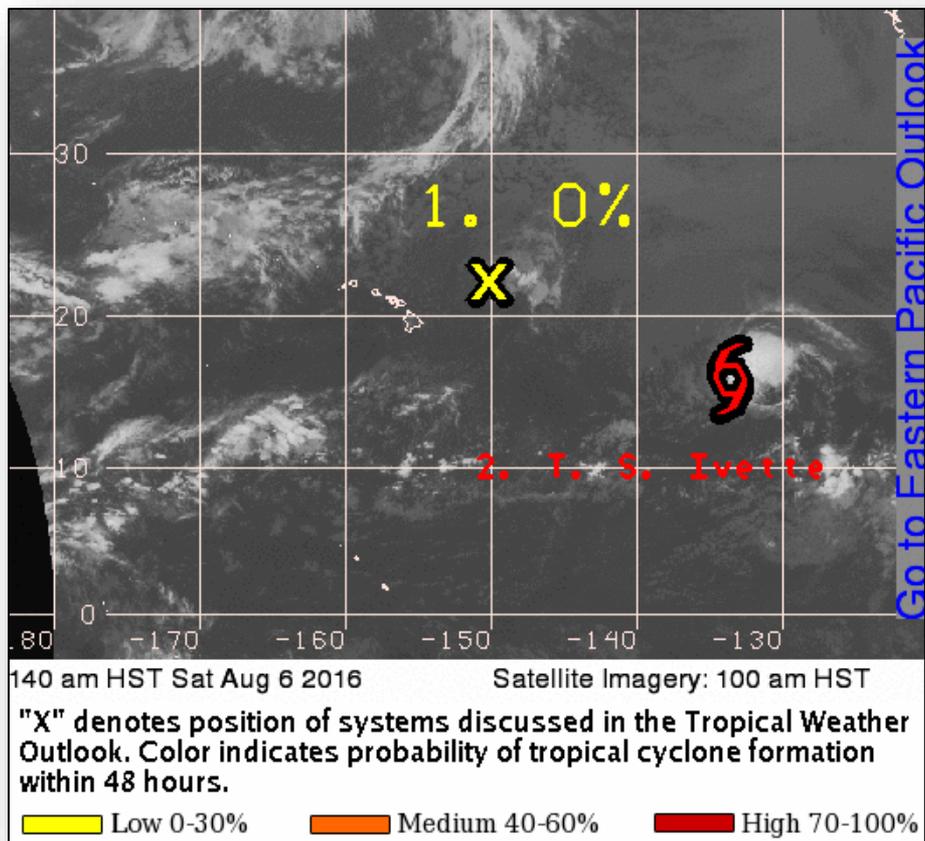
- Located 1,615 miles WSW of the southern tip of Baja California, Mexico
- Moving W at 10 mph
- Maximum sustained winds 60 mph
- A turn toward the WNW expected today
- Forecast to weaken Sunday or Monday
- Tropical storm force winds extend 90 miles



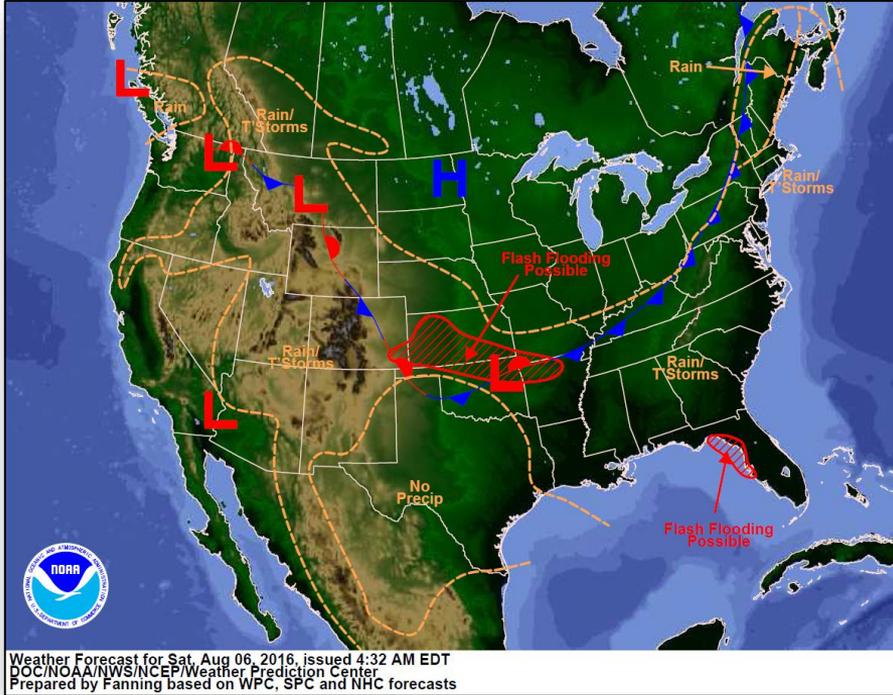
Disturbance 1 (As of 2:00 a.m. EDT)

- Located S of Acapulco, Mexico
- Moving WNW towards Baja California, Mexico peninsula
- Expected to move WNW and merge with remnants of TS Earl
- Conditions conducive to become a Tropical Depression
- Formation chance through 48 hours: MED (50%)
- Formation chance through 5 days: HIGH (80%)

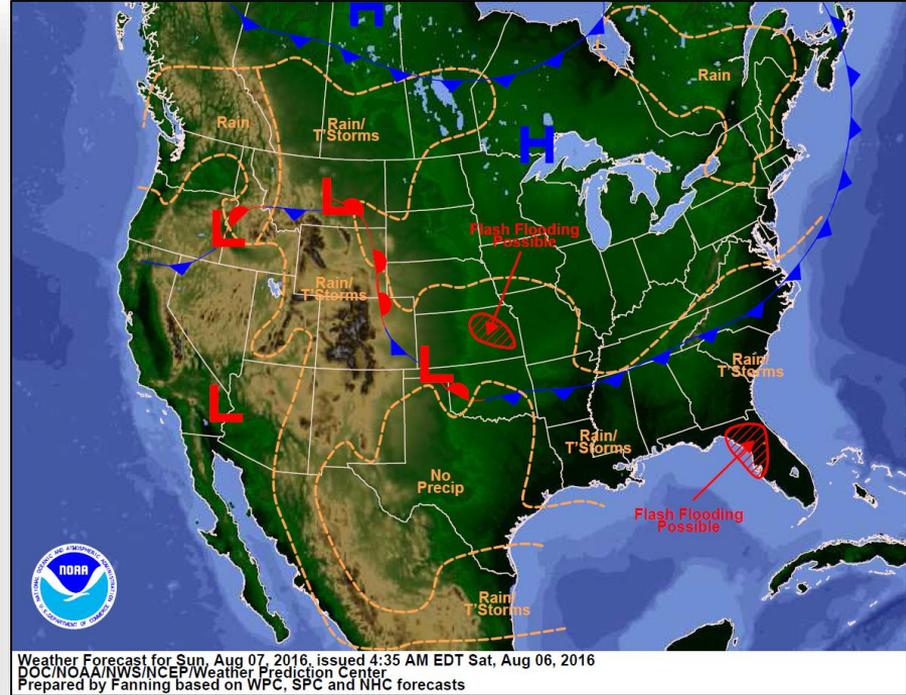
Tropical Outlook - Central Pacific



National Weather Forecast

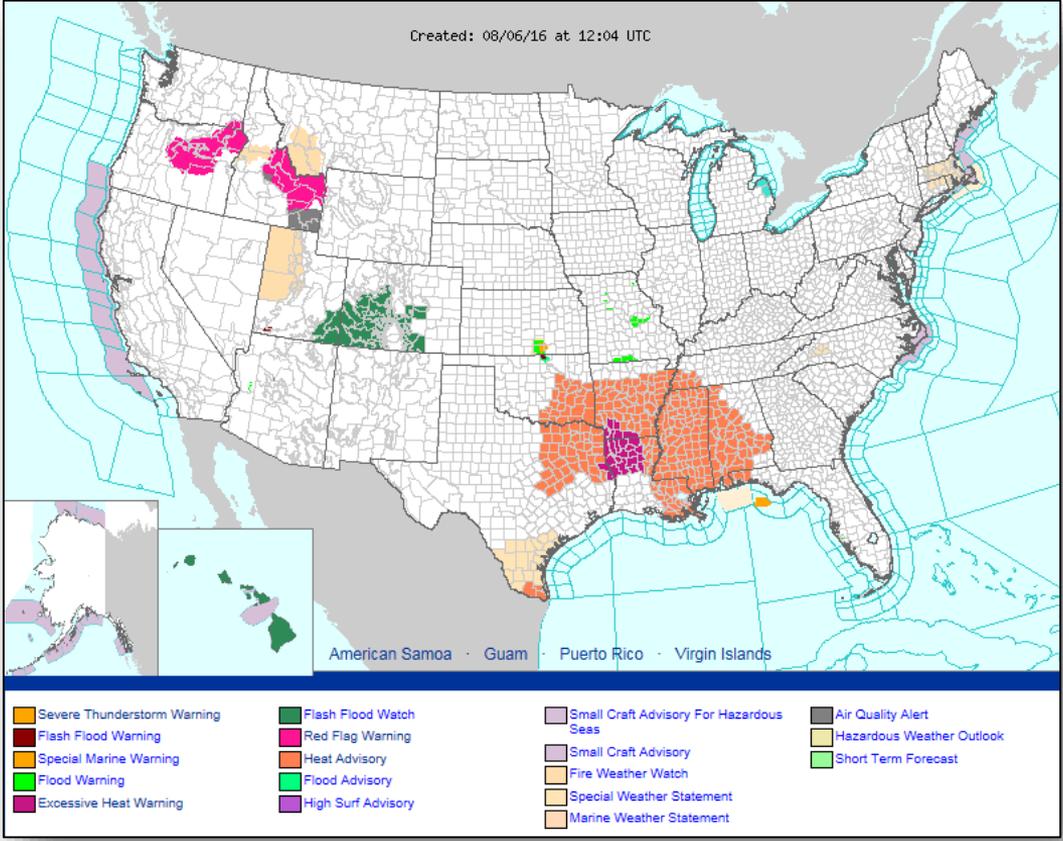


Today



Tomorrow

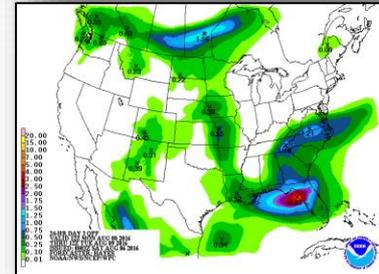
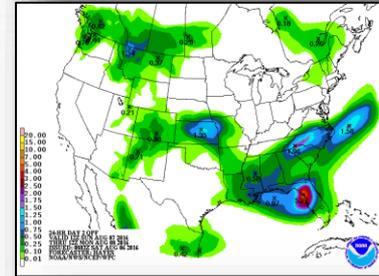
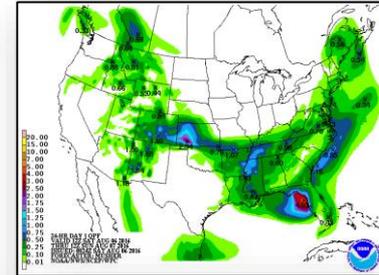
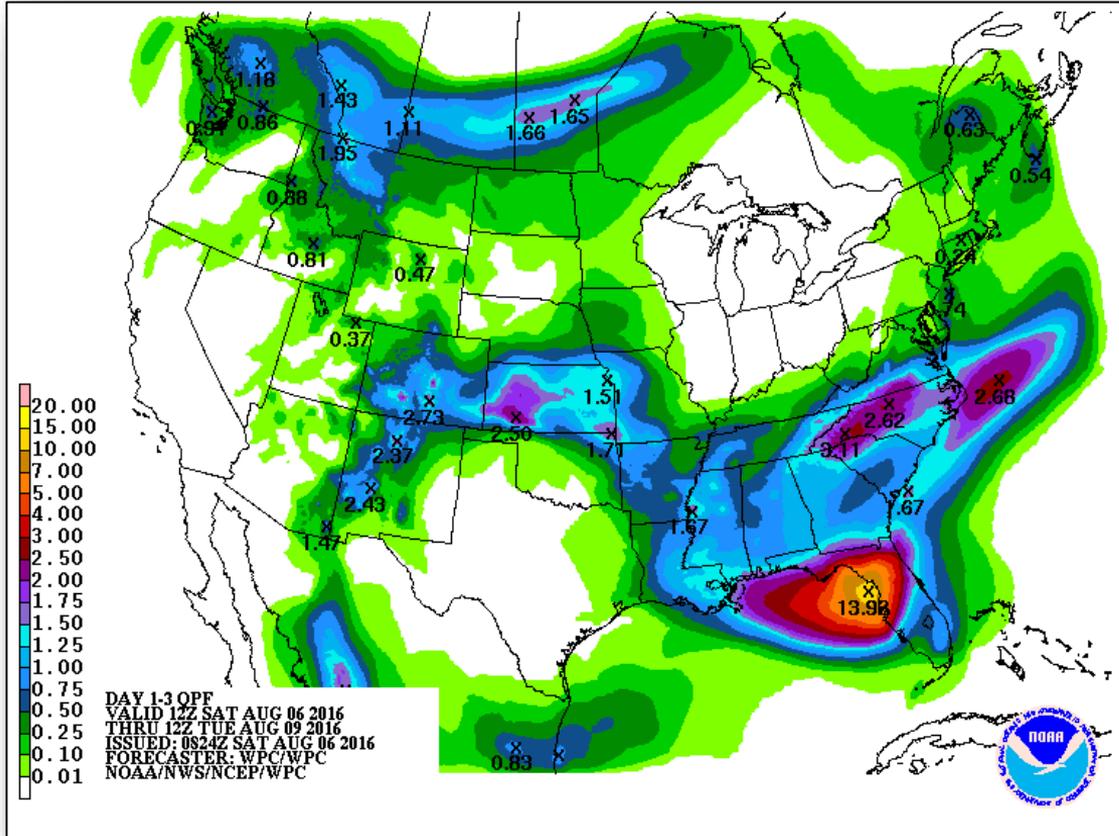
Active Watches & Warnings



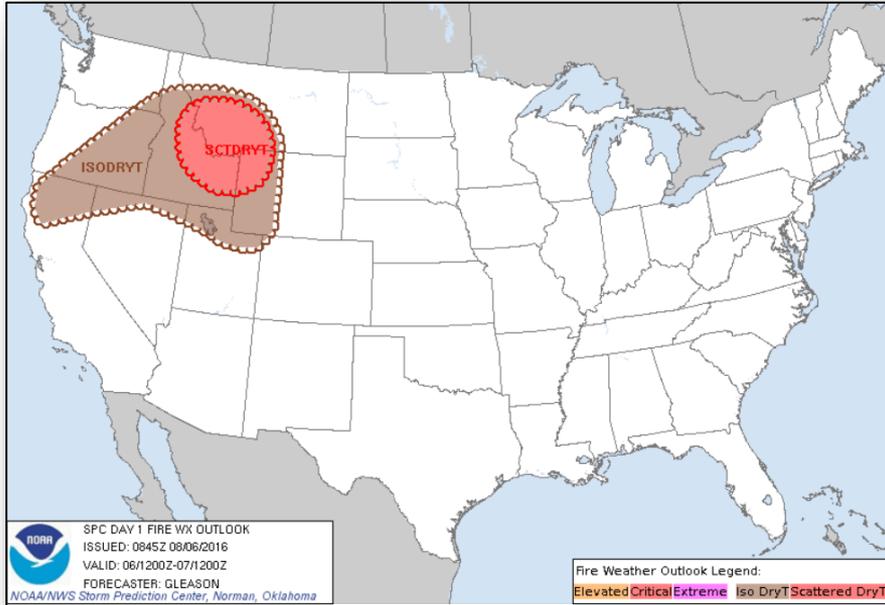
Precipitation Forecast - Days 1-3



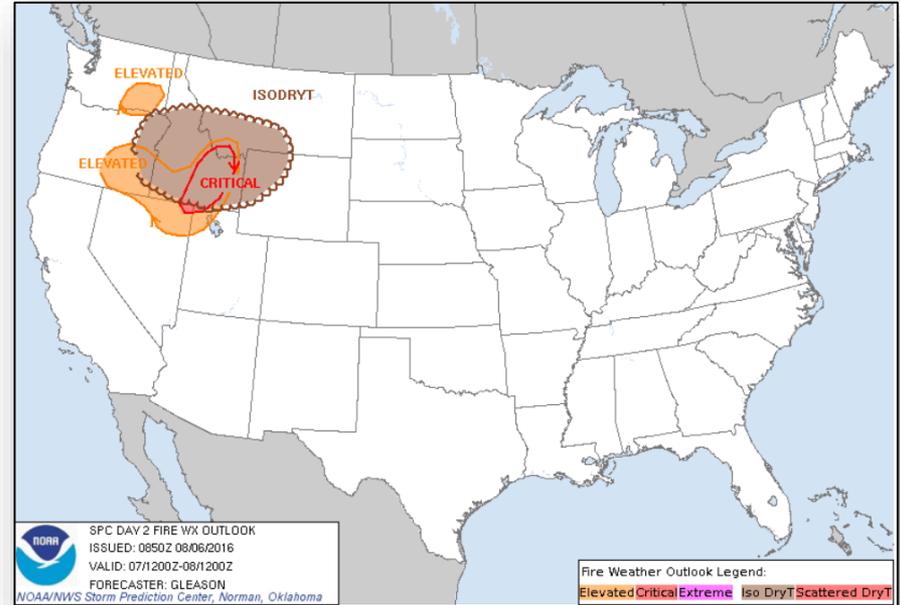
FEMA



Fire Weather Outlook

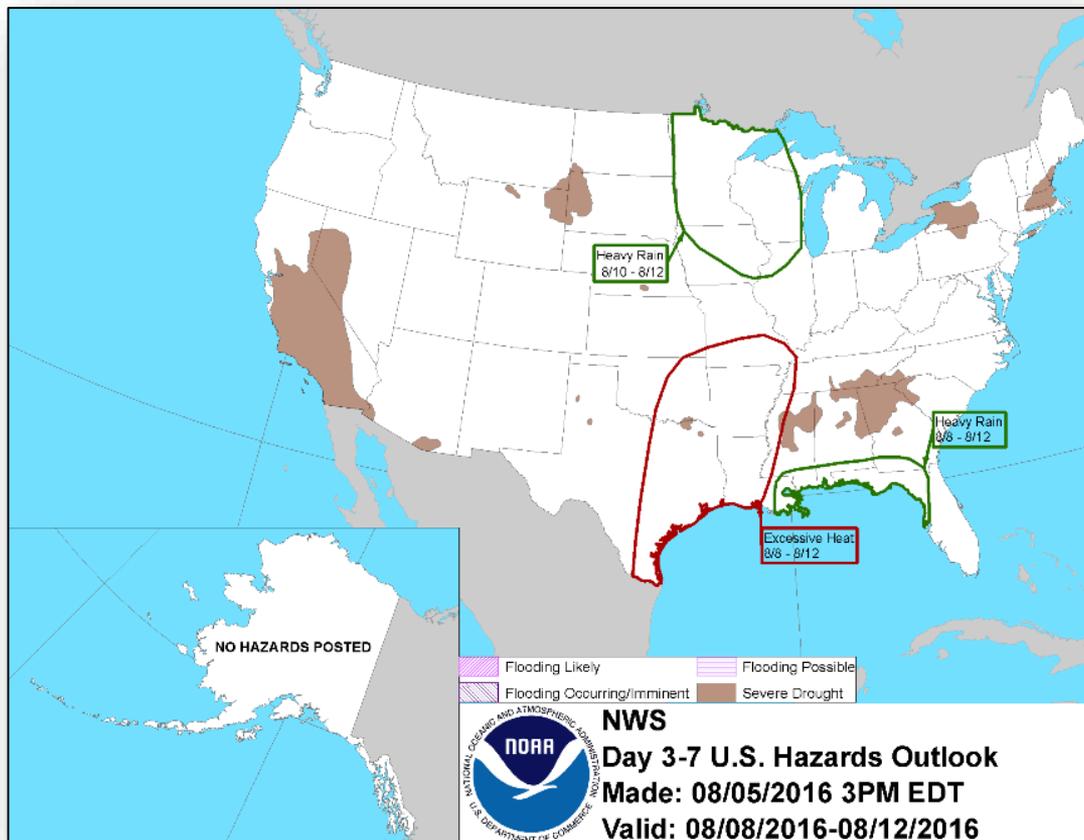


Day 1



Day 2

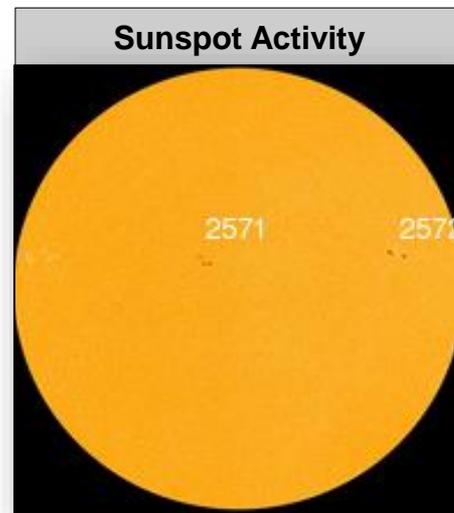
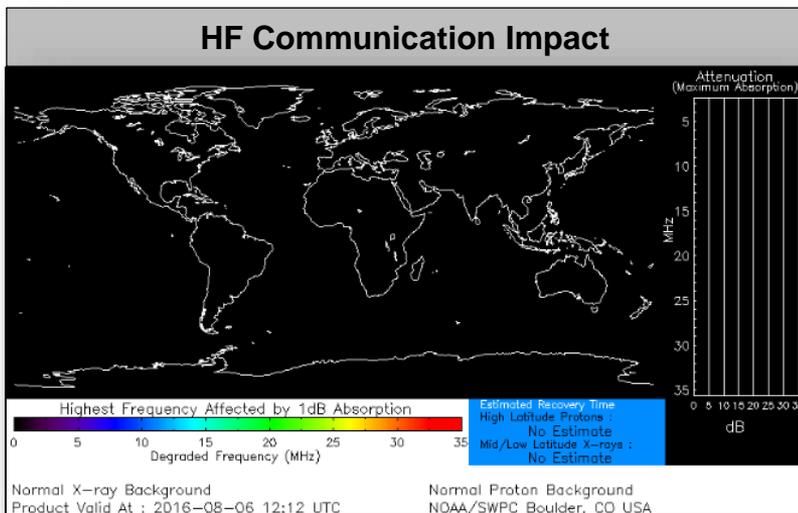
Hazards Outlook - August 7 -11





Space Weather

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



Wildfire Summary



Fire Name (County)	FMAG #	Acres burned	% Contained	Evacuations (Residents)	Structures Threatened	Structures Damaged / Destroyed	Fatalities / Injuries
California (1)							
Soberanes Fire (Monterey County)	FEMA-5137-FM-CA	53,900 (+210)	40% (+5)	Mandatory	600 homes	5 (3 homes) / 68 (57 homes)	1 / 3
Montana (1)							
Roaring Lion Fire (Ravalli County)	FEMA-5143-FM-MT	7,927 (+174)	20% (+5)	Mandatory	2,347 (847 homes)	1 / 65 (16 homes)	0 / 0

Joint Preliminary Damage Assessments



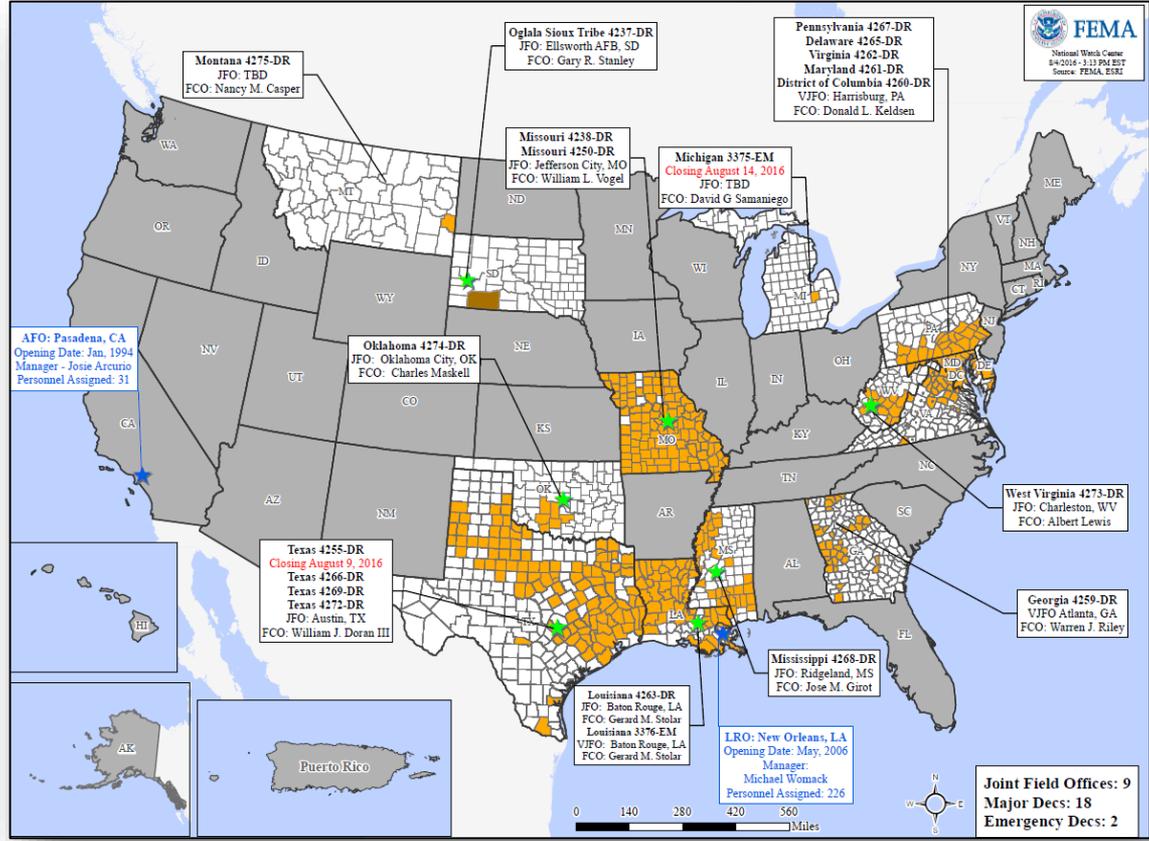
Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Complete	
III	WV	Severe Weather & Heavy Rains July 30, 2016	IA	1	0	8/5 - TBD
			PA	1	0	8/6 - TBD
III	MD	Severe Weather & Heavy Rains July 30, 2016	PA	1	0	8/4 - TBD
IV	KY	Severe Storms, Tornadoes, Flooding & Strong Winds July 3-9, 2016	IA	2	1	8/2 - TBD
			PA	22	14 (+7)	8/2 - TBD

Disaster Requests & Declarations



Declaration Requests in Process		Requests APPROVED (since last report)	Requests DENIED (since last report)
2	Date Requested	0	0
Fort Peck Reservation (Assiniboine & Sioux Tribes) DR Severe Storm and Straight-Line Winds	August 2, 2016		
WI – DR Severe Storms and Flooding	August 3, 2016		

Open Field Offices as of August 6, 2016



FEMA Readiness - Deployable Teams & Assets



Deployable Teams & Assets									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Detailed, Deployed, Activated	Comments	Rating Criterion
FCO		37	11	30%	0	3	23		OFDC Readiness: FCO Green Yellow Red Type 1 3+ 2 1 Type 2 4+ 3 2 Type 3 4 3 2 FDRC 3 2 1
FDRC		10	4	40%	0	0	6		
US&R		28	27	96%	1	0	0	NJ-TF1: Partially Mission Capable	<ul style="list-style-type: none"> Green = Available/FMC Yellow = Available/PMC Red = Out-of-Service Blue = Assigned/Deployed
National IMAT		3	3	100%	0	0	0	East 2: Primary (On Call)	<ul style="list-style-type: none"> Green: 3 available Yellow: 1-2 available Red: 0 avail (<i>Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.</i>)
Regional IMAT		13	10	77%	0	2	1	<u>Deployed:</u> Region I: Reconstituting (FMC - Aug 15, 2016) Region III: WV (4273-WV) Region VII: Reconstituting (FMC - Aug 7, 2016)	<ul style="list-style-type: none"> Green: >6 teams available Yellow: 4 - 6 teams available Red: < 4 teams available R-IMAT also red if TL Ops/Log Chief is unavailable & has no qualified replacement
MERS Teams		18	18	100%	0	0	0	<u>Deployed:</u> None	<ul style="list-style-type: none"> Green = >66% available Yellow = 33% to 66% available Red = <33% available

FEMA Readiness - National & Regional Teams



National/Regional Teams									
Resource	Status	Total	FMC Available		Partially Available	Not Available	Status	Comments	Rating Criterion
NWC		5	5	100%	0	0	Not Activated		<ul style="list-style-type: none"> • Green = FMC • Yellow = PMC • Red = NMC
NRCC		2	2	100%	0	0	Not Activated		
HLT		1	1	100%	0	0	Activated		
DEST							Not Activated		
RRCCs		10	10	100%	0	0	Not Activated		
RWCs/MOCs		10	10	100%	0	0	Not Activated		



FEMA

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