



FEMA

Daily Operations Briefing

Thursday, August 31, 2017

8:30 a.m. EDT

Significant Activity – August 30 - 31



Significant Events: Tropical Depression Harvey

Tropical Activity:

- Atlantic – Tropical Depression Harvey; Tropical Storm Irma; Disturbance 1 – Low (20%)
- Eastern Pacific – Tropical Storm Lidia
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Severe thunderstorms possible – Lower Mississippi and Tennessee valleys to Southeast
- Flash flooding possible – Lower Mississippi and Ohio valleys to Mid-Atlantic and Southeast
- Elevated fire weather – MT
- Isolated dry thunderstorms – Northern Intermountain to Northern Plains, and Northern Rockies
- Space weather:
 - Past 24 hours: Minor; geomagnetic storms reaching G1 level occurred
 - Next 24 hours: Minor; geomagnetic storms reaching G1 level expected

Earthquake Activity: No significant activity

Declaration Activity: Amendment No. 2 to FEMA-4332-DR-TX

Tropical Outlook – Atlantic

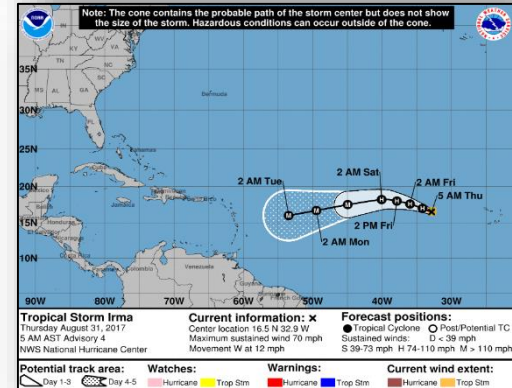
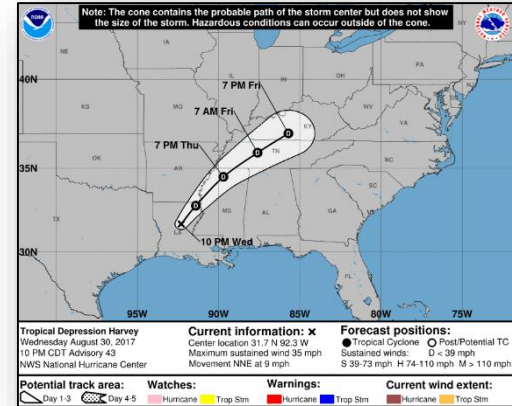


Tropical Depression Harvey (Advisory #44, as of 5:00 a.m. EDT)

- Located 15 miles S of Monroe, LA
- Moving NNE at 10 mph; maximum sustained winds 30 mph
- This forecast track would take Harvey into northwestern MS by afternoon, western Tennessee Valley region on Friday, and into Lower Ohio Valley early Saturday before anticipated dissipation by Saturday afternoon
- Flood and flash flood warnings and watches in effect from eastern TX though Lower Mississippi Valley and lower Ohio Valley
- This is the last public advisory issued by the NHC on Harvey

Tropical Storm Irma (Advisory #4, as of 5:00 a.m. EDT)

- Located, 2,245 E of San Juan, Puerto Rico
- Moving W at 12 mph; maximum sustained winds 70 mph
- Tropical storm force winds extend 60 miles
- Strengthening is forecast, likely to become a hurricane later today

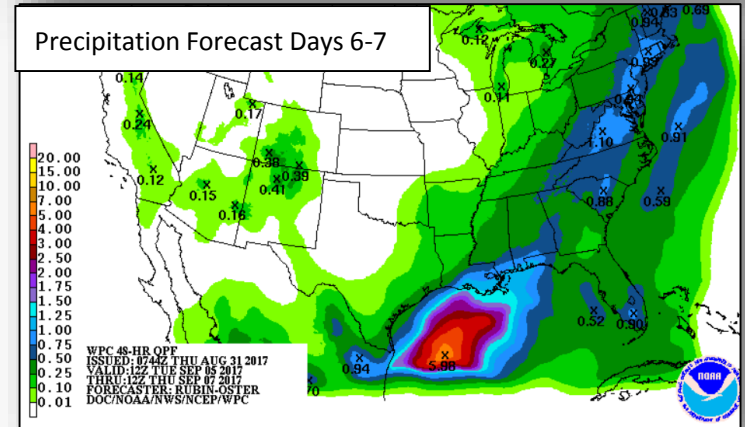


Tropical Outlook – Atlantic



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

- Area of low pressure could form over southwestern Gulf of Mexico by the weekend
- Development, if any, is expected to be slow to occur as it moves slowly N
- If it does develop, it could bring additional rainfall to portions of TX and LA coasts. However, any rainfall forecast is uncertain at this time range and it is too soon to determine any specific impacts
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through the next 5 days: Low (20%)

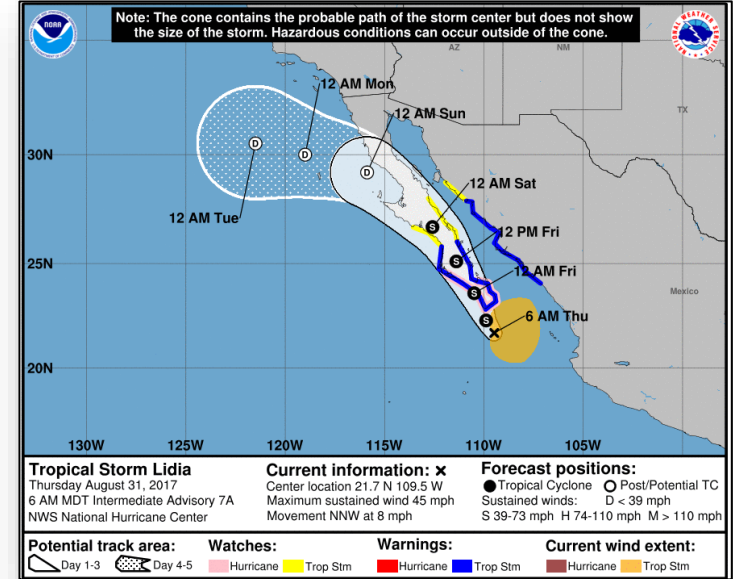


Tropical Outlook – Eastern Pacific

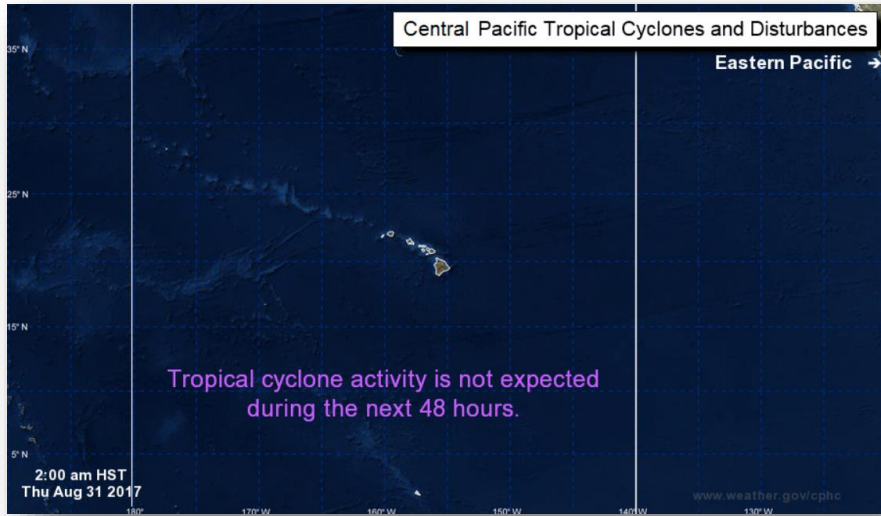


Tropical Storm Lidia (Advisory #7A as of 8:00 a.m. EDT)

- Located 90 miles SSE of Cabo San Lucas, Mexico
- Moving NNW at 8 mph; maximum sustained wind 45 mph
- Strengthening is forecast before Lidia's center reaches Baja California peninsula
- On this forecast rack, center will move over the peninsula Friday and Friday night
- No threat to the U.S or its territories at this time



Tropical Outlook – Central Pacific



48-Hour Outlook

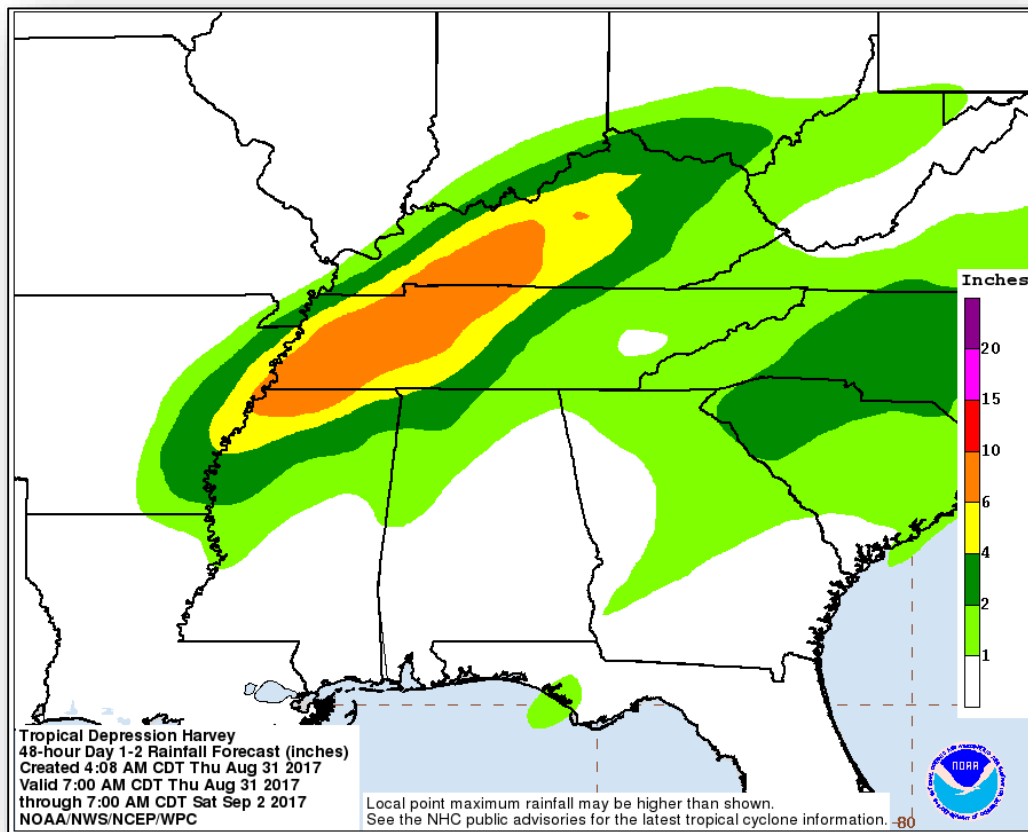


5 Day Outlook

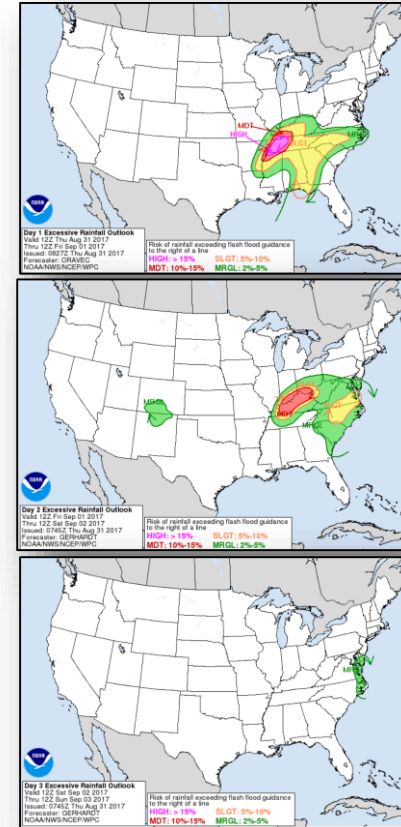
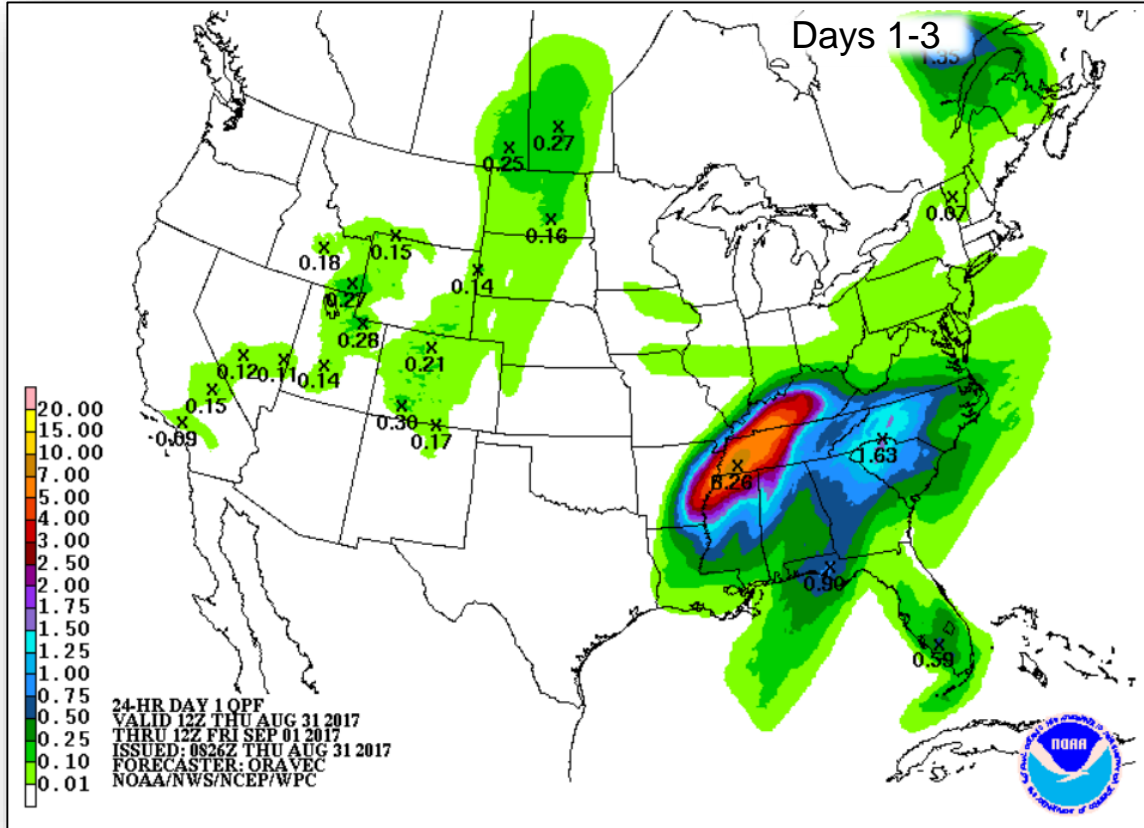
Harvey Rainfall Forecast – Days 1-5



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Precipitation Forecast



Day 1

Day 2

Day 3

Tropical Cyclone Harvey

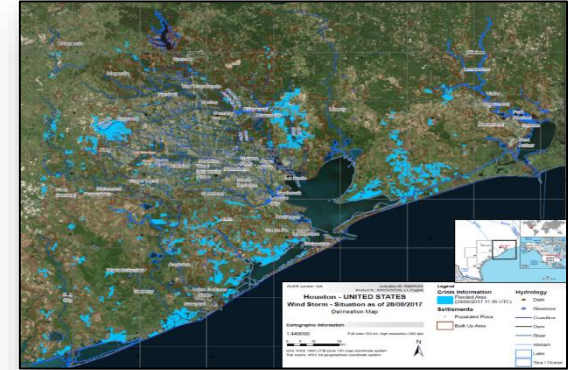


Current Situation

Harvey continues to weaken as it move farther inland over northern LA. Heavy rain threat expands northeast into the Tennessee and Ohio valleys

Impacts

- Evacuations:
 - TX – mandatory evacuations for 779; voluntary evacuations for 980k people
 - LA – mandatory evacuations for 6.9k; voluntary evacuations for 133k people
- Shelters/occupants: 239 (+97) / 34k (+12k) in TX; and 4 (+3) / 165 (+145) in LA (*ESF #6 as of 6:00 am EDT*)
- Homes: Nearly 119k (+19.5) homes may be affected (up from previous estimate of 99k (+37)) out of 2.2 million across 24 (+5) counties
- Power outages: 195k customers without power in TX; 12k customers without power in LA* (*DOE Eagle-I as of 7:30 am EDT*)
- Hospitals: 30 evacuated/closed; 14 sheltering in place; 2 on generator power
- Airports across the region are open, some with limited operations
- Schools: All schools in Rockport & Fulton County, TX closed indefinitely; 24 parish schools in LA closed
- Drinking and waste water systems continue to be evaluated for operational status
 - City of Beaumont has lost service from the main pump station - anticipate complete loss of water pressure this morning
- Explosions and smoke from Arkema Chemical Plant in Crosby, TX reported; surrounding area previously evacuated



*Note: Customer outage data is provided by the Department of Energy's EAGLE-I system. Comprehensive National coverage of all electrical service providers is not available.

Tropical Cyclone Harvey



FEMA Region VI:

- RRCC: Level I (24/7); RWC: Steady State
- Region VI IMAT-1: Deployed to LA EOC
- Region VI IMAT-2: Deployed to TX EOC
- LNOs deployed to TX and LA

Texas

- EOC at Full Activation
- Governor declared a State of Disaster for 50 counties
- Mandatory/voluntary evacuations in effect for 8 counties and several independent communities

- City of Houston imposed a curfew effective immediately

Louisiana

- EOC at Full Activation with ESFs 1, 3, 6, 7, 8, and DoD
- Governor declared a State of Emergency for all parishes



Tropical Cyclone Harvey



FEMA HQ

- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West in TX
- National IMAT East-1 deployed to Houston, TX
- Region II, V, VI-2, VII, & VIII IMATs deployed to TX; Region VI-1 deployed to LA
- ISBs: Seguin, TX; Camp Beauregard, LA; Randolph, TX (will open by Aug 31)
- MERS: 25 MCOVs deployed to TX
- FEMA Corps: 1 team deployed to TX, 10 teams available, 21 additional teams available on September 1
- Staging areas: Seguin, TX; DC Ft. Worth, TX; Camp Beauregard, LA

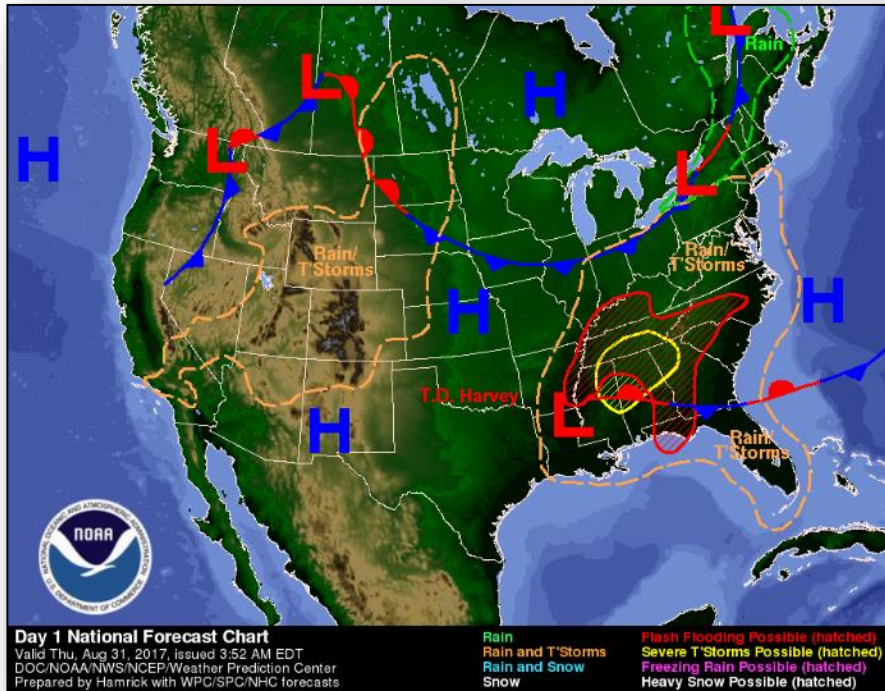
Task Force	LOCATION
OPERATIONAL	
CA-TF2,5 / CO-TF1 / FL-TF2 / MA-TF1 / MO-TF1 / NE-TF1 / OH-TF1 / UT-TF1 / VA-TF1 / WA-TF1	Houston / Harris
PA-TF1 / CA-TF8	Wharton
AZ-TF1 / CA-TF1,4	Brazoria
STAGING	
CA-TF3,6,7 / IN-TF1 / MA-TF1 / NJ-TF1 / NV-TF1 / TN-TF1	Houston / Harris
HEPP	
CA-TF7 / CO-TF1 / FL-TF2 / IN-TF1 / MD-TF1 / NV-TF1	

- All 28 National US&R Response System (“System”) Sponsoring Agencies have deployed resources to the Hurricane Harvey response lifesaving mission. (TX-TF1 is a State resource)
- 50% of the 28 System task forces have their full type 1 equipment caches in theater.
- 13 System Sponsoring Agencies have deployed Swiftwater Mission Ready Packages with the appropriate equipment
- All 7 of the Hazardous Equipment Push Packages (HEPPs) have been deployed in support of the response

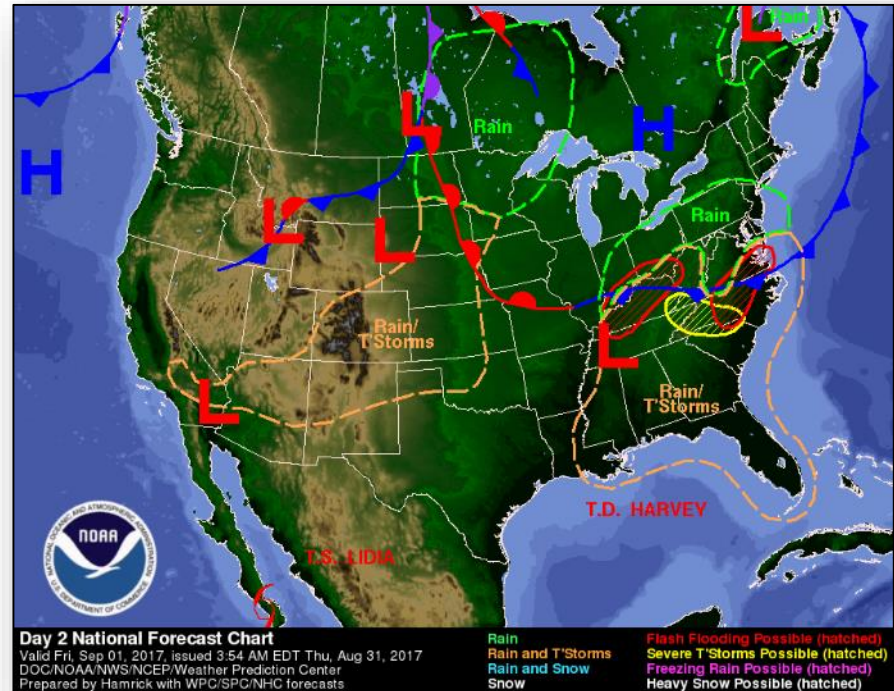
National Weather Forecast



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Today

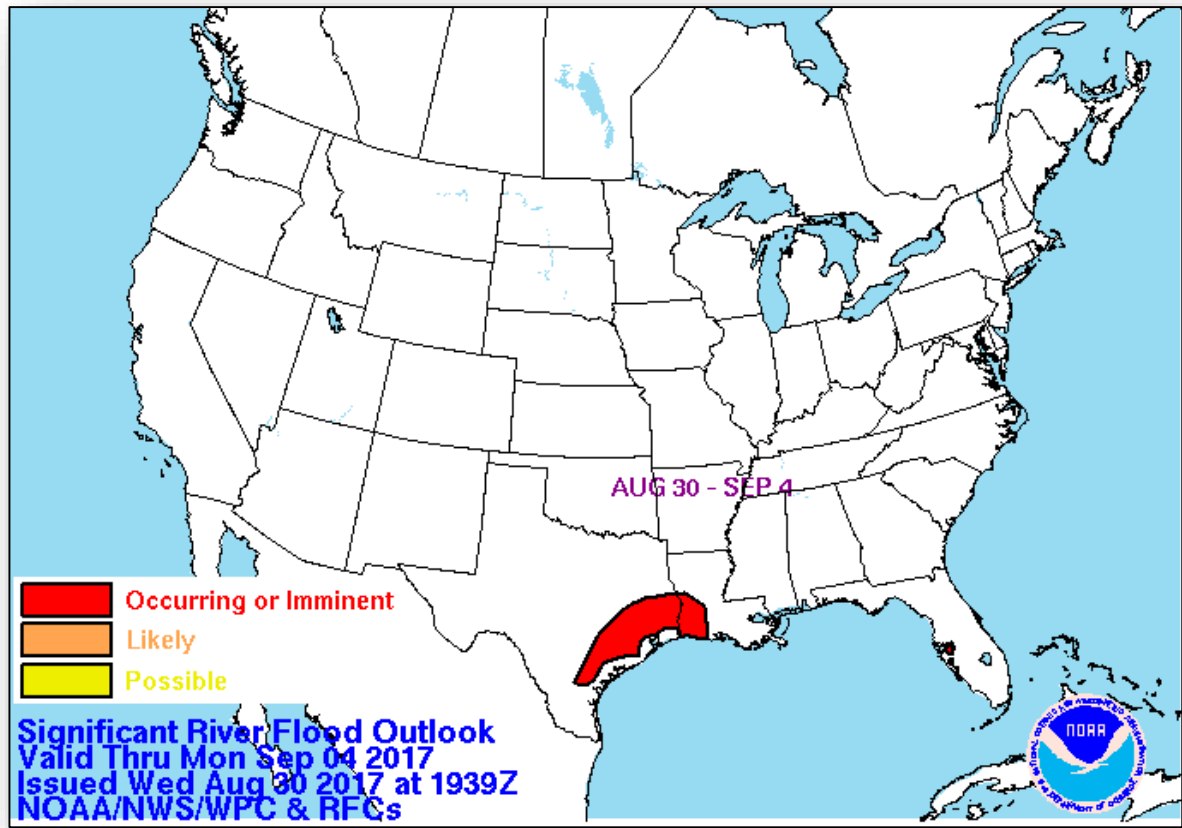


Tomorrow

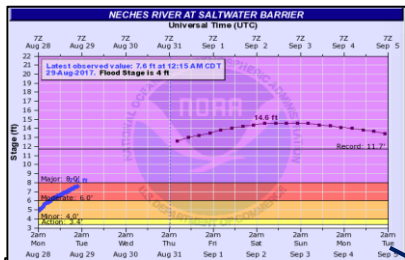
National River Flood Outlook



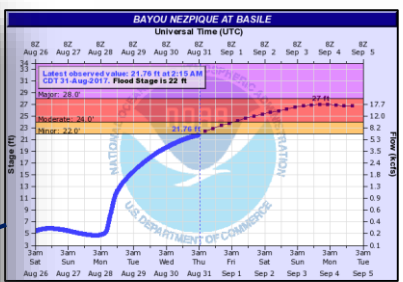
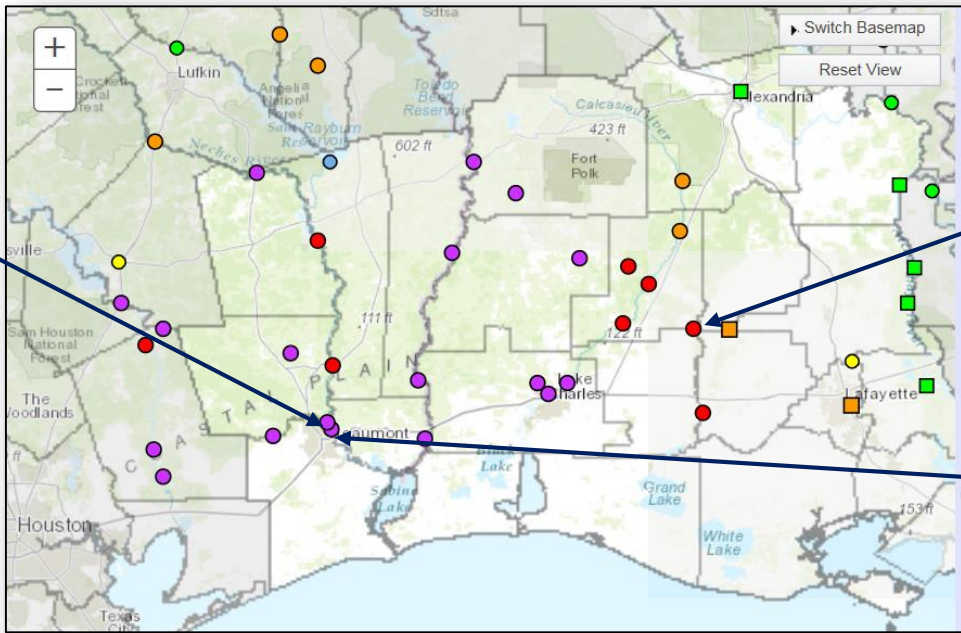
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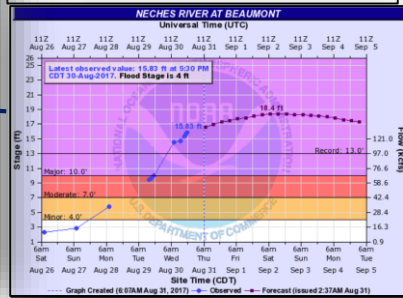
Major to Record River Flooding



10Ft Major flooding: NW Orange Co, Lake View, Saltwater Barrier, several homes/camps and along the river in Beaumont
 City of Beaumont lost water pressure throughout the city; due to loss of main pump station/secondary water source
 City has been under voluntary evac order since 8/29 population 118K
9.5Ft Major flooding in Lakeview Estates

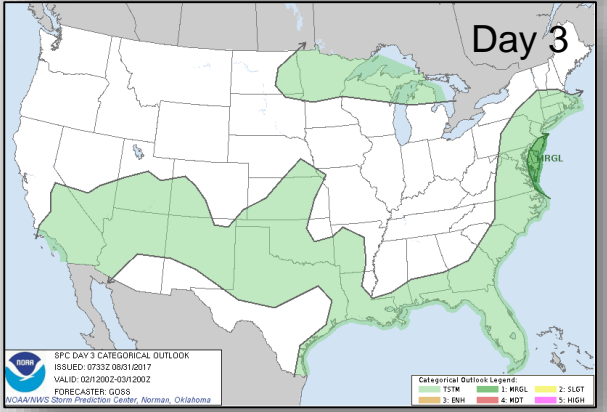
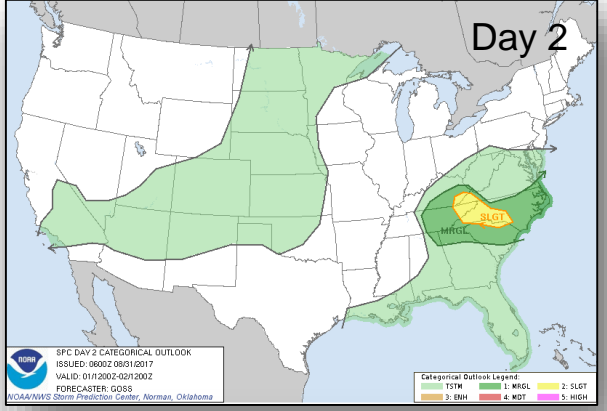
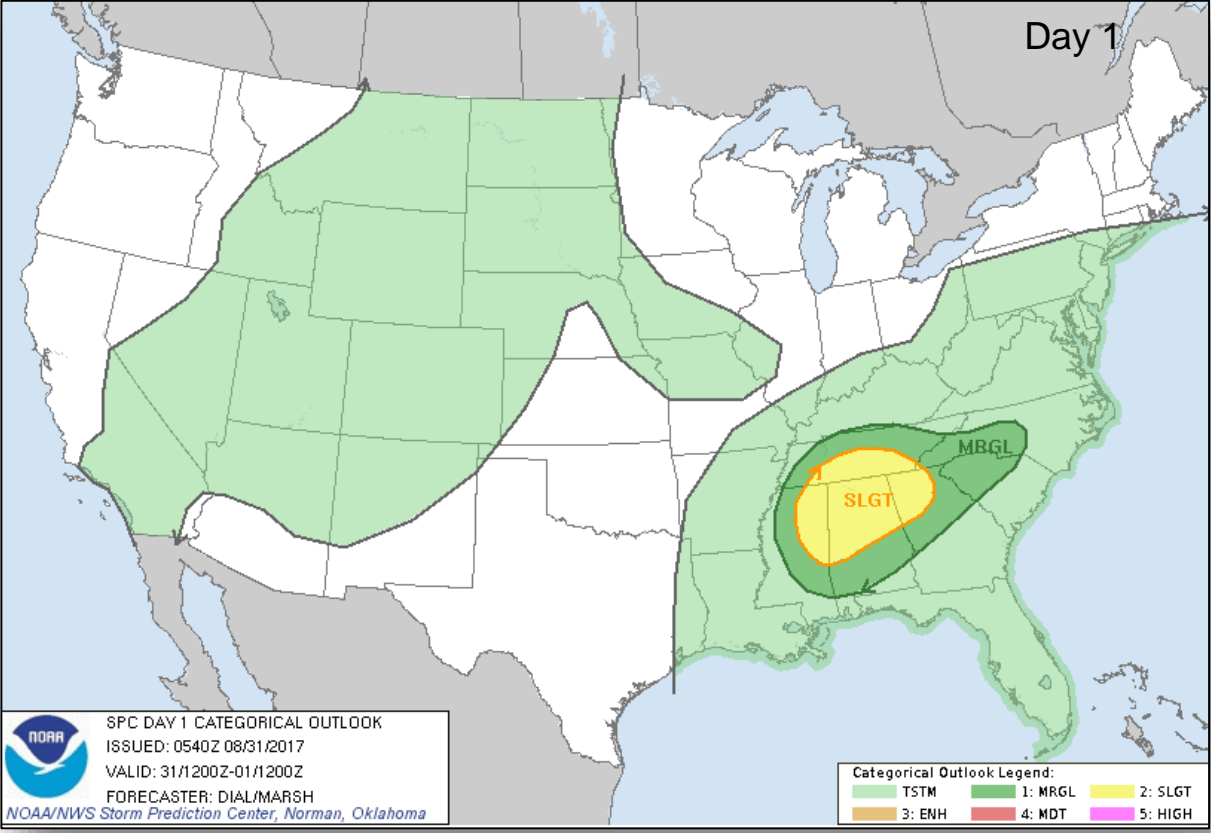


28Ft Major flood threat downstream: residential flood near Jennings, Mermentau, Silverwood, and Lake Arthur

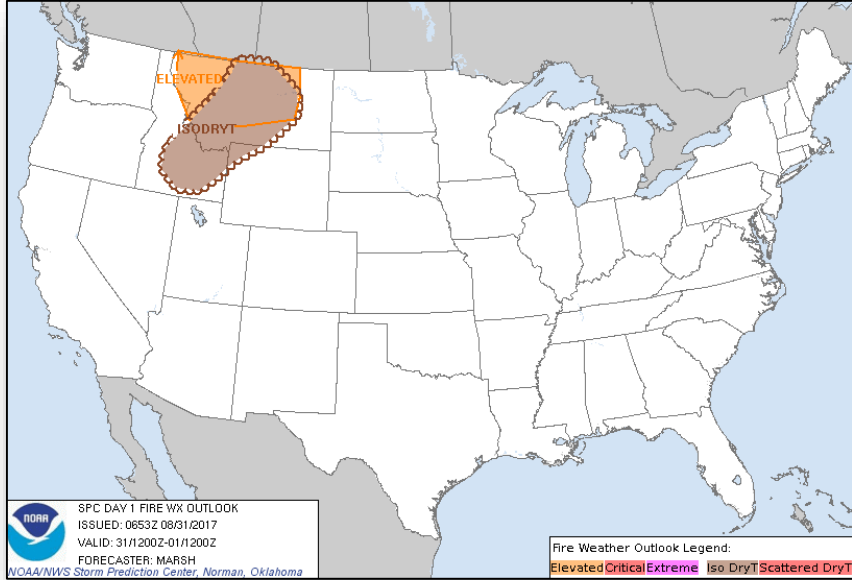


13Ft River is near flood of record which occurred October 1994. Widespread major flooding is occurring. Numerous homes in northeast Beaumont and Rose City are flooded.

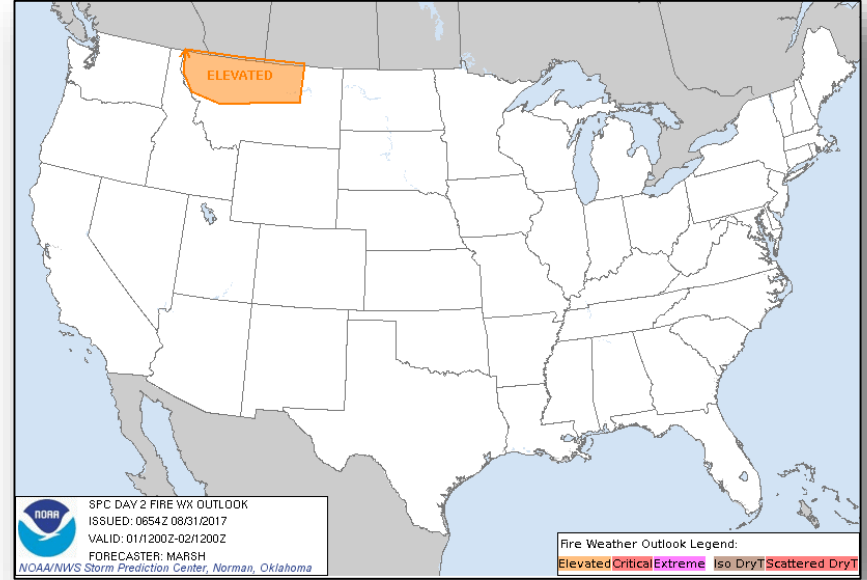
Severe Weather Outlook – Days 1-3



Fire Weather Outlook



Today

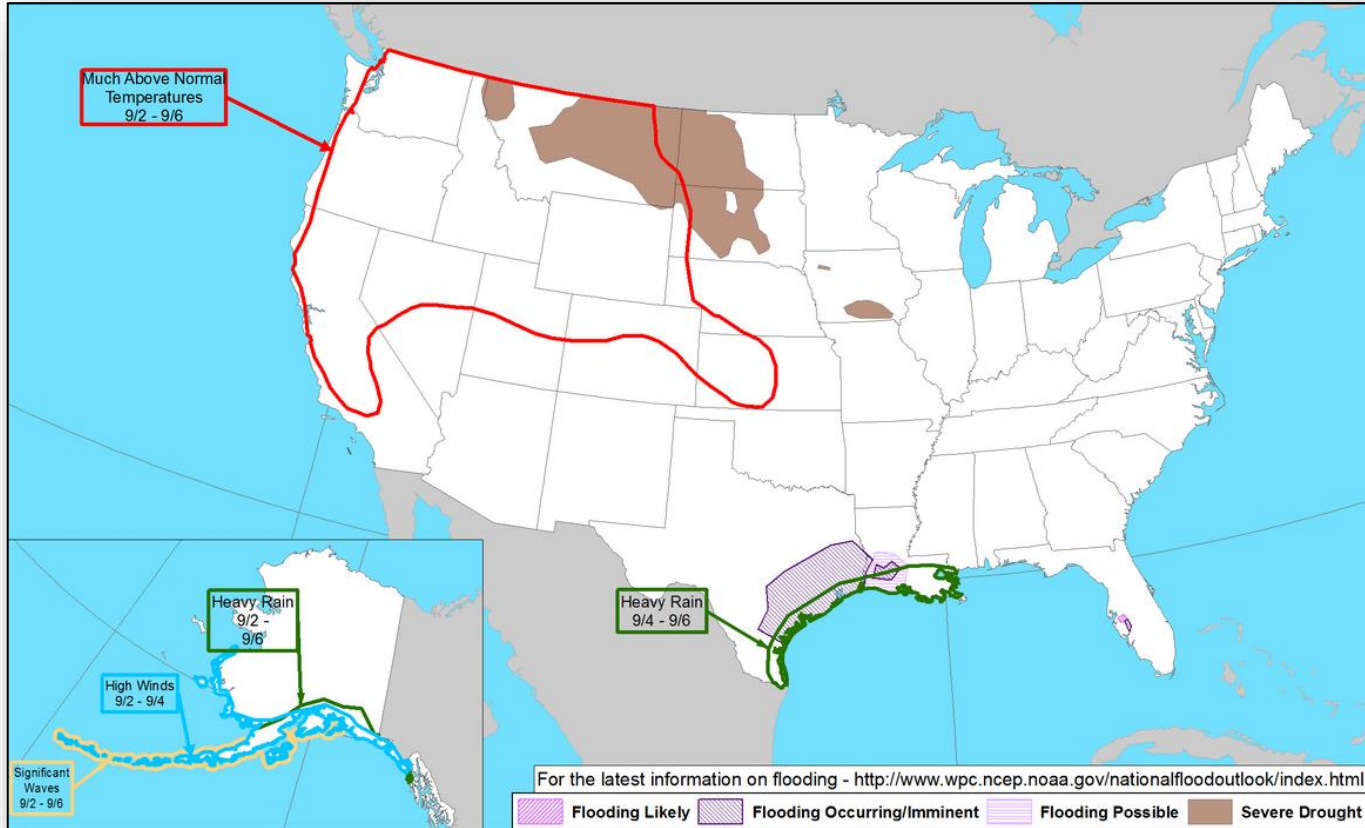


Tomorrow

Hazards Outlook – Sep 2-6



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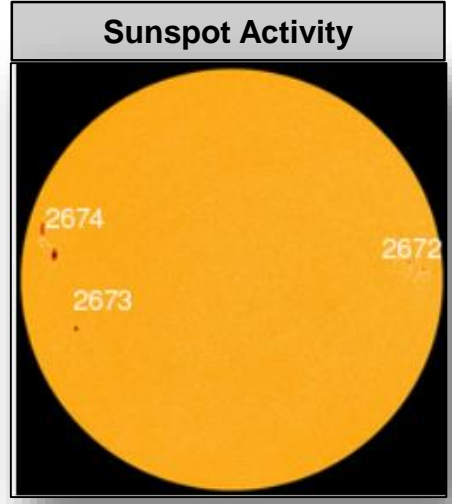
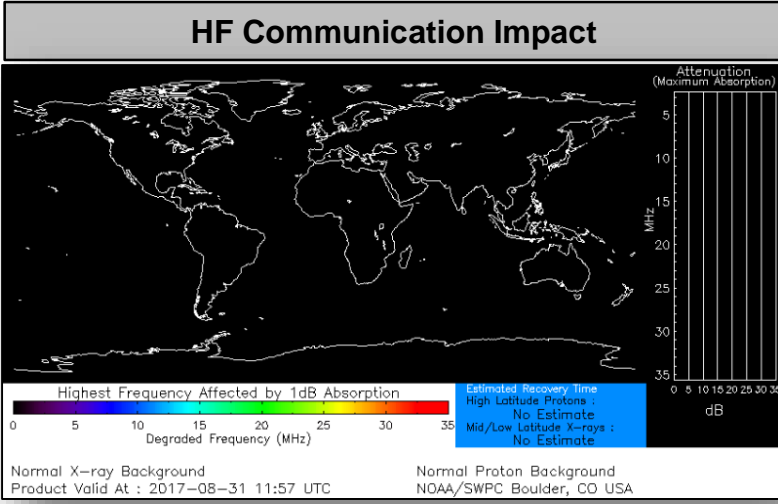
Space Weather



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

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



Wildfire Summary



Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Oregon (2)								
Milli (Deschutes)	5196-FM-OR August 17,2017	21,703 (+603)	44%	Lifted	2,055 homes	0	0	0 / 1
Chetco Bar (Curry)	5198-FM-OR August 20,2017	128,758 (+3,487)	5%	Mandatory	10,590 (8,518 homes)	9 (1 home)	26 (6 homes)	0 / 3
Montana (1)								
Lolo Peak (Ravalli and Missoula)	5197-FM-MT August 17,2017	39,461 (+583)	31%	Lifted	0	2	10 (2 homes)	1 / 3

Joint Preliminary Damage Assessments



Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
V	IL	Severe Storms and Flooding July 11-27, 2017	IA	0	0	N/A
			PA	4	0	Aug 28 – TBD
VI	NM	Severe Storms August 3, 2017	IA	0	0	N/A
			PA	1	0	Sep 6 - TBD

Disaster Requests & Declarations



FEMA

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
5	IA	PA	HM	Requested	0	0
NY – DR (Expedited) Flooding	X	X	X	July 6, 2017		
ID – DR Flooding		X	X	July 20, 2017		
ND – DR Drought	X	X	X	August 7, 2017		
WI – DR Severe Storms, Straight-line Winds, Flooding, Landslides, and Mudslides		X	X	August 23, 2017		
ND – DR Severe Storms		X	X	August 28, 2017		

Disaster Amendments



Amendment	Effective Date	Action
Amendment No. 2 to FEMA-4332-DR-TX	August 30, 2017	Adds 11 counties for Individual Assistance & debris removal and emergency protective measures (Categories A & B), and 3 counties for emergency protective measures (Category B) only

Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or less availability
Total Workforce	10,919 ▲	3,442 31% ▼	5,536 ▲	1,941	Disability Integration 18% (21/119); Environmental Historic Preservation 22% (67/310); Logistics 11% (115/1,093); Finance 23% (66/291); Information Technology 7% (42/614); Safety 20% (12/59)
National IMATs* (1-2 Teams)	East 1:	Deployed			
	East 2:	B-2			
West:	Deployed				
Assigned:	13				
Available:	0				
PMC / NMC:	0				
Deployed:	13				
Regional IMATs (0-3 Teams)	Assigned:	28			
	Available:	0			
US&R (≤ 33%)	Assigned:	28			
	Available:	0			
MERS (≤ 66%)	Assigned:	36			
	Available:	9			
FCO (≤ 1 Type I)	Assigned:	36			
	Available:	5			
FDRC	Assigned:	11			
	Available:	5			
	PMC / NMC:	2			
	Deployed:	29			
	Assigned:	11			
	Available:	5			
	PMC / NMC:	2			
	Deployed:	4			

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

As of 3:00 a.m. EDT August 31, 2017

FEMA Readiness – Activation Teams



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated				
NRCC		2	Activated	Blue	Level I	24/7	Tropical Cyclone Harvey
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Not Activated				
RRCCs		10	Activated Not Activated	Region VI Region VIII	Level I	24/7	Tropical Cyclone Harvey

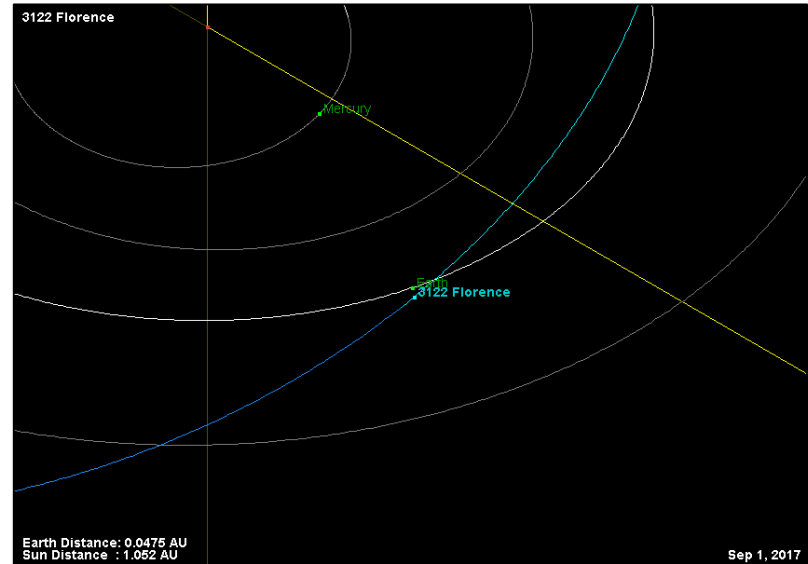
Back-up Regions: I and X

NEO Florence, September 1



Situation

- Asteroid Florence, one of the largest Near Earth Objects (NEO), about 2.7 miles in diameter, will pass by the Earth on September 1
- At it's closest it will be about 4.4 million miles (18 times the average Earth-Moon distance) from Earth
- While this pass will allow an excellent opportunity for detailed observations and measurements, it poses no risk of colliding with Earth (JPL / NASA)
- [Torino Scale](#) of 0





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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.