

DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

August 21, 2023

Tropical Activity

Atlantic – Tropical Storm Emily

- Tropical Storm Emily organized roughly a thousand miles west-northwest of the Cabo Verde Islands Sunday morning with peak winds of 50 mph.
- Forecasters say that it will take on a northwesterly track through midweek before curving northward, gradually losing wind intensity as it travels over the open waters of the Atlantic Ocean.
- By late Monday night, Emily can transition into a tropical depression prior to taking on more of a northward path.

Atlantic – Tropical Storm Franklin

- The National Hurricane Center named Tropical Storm Franklin late Sunday afternoon as a low-pressure system had formed in the Caribbean, about halfway between Puerto Rico and Venezuela in South America.
- "This feature will bring an increase in rainfall across Puerto Rico and Hispaniola this week as it makes a more northward turn and eventually moving into the southwestern Atlantic," explained AccuWeather Senior Meteorologist Dan Pydynowski.
- In the long term, it is possible that after moving over the open waters of the Atlantic, Franklin could take a northwestward turn toward Bermuda.



Atlantic – Tropical Storm Gert

- The National Hurricane center also named Tropical Storm Gert shortly after midnight Monday morning.
- A current view of Gert continues to show a relatively poorly organized cluster of showers and thunderstorms several hundreds of miles east of the northern Leeward Islands.
- Into early Monday morning, Tropical Storm Gert is expected to track to the west and gradually lose wind intensity as it approaches edge of the Caribbean Islands.
- By Monday afternoon, Gert is expected to gradually dissipate.

Atlantic – Disturbance 1

- A tropical wave tracked westward over the Florida Peninsula throughout the day on Sunday, which allowed for enhanced showers and thunderstorms to move into the region, creating rough surf and strong rip currents.
- This wave is forecast to move westward across the warm waters of the Gulf of Mexico and stands a high chance of developing into a short-lived tropical rainstorm as it tracks westward toward Texas and northeast Mexico.

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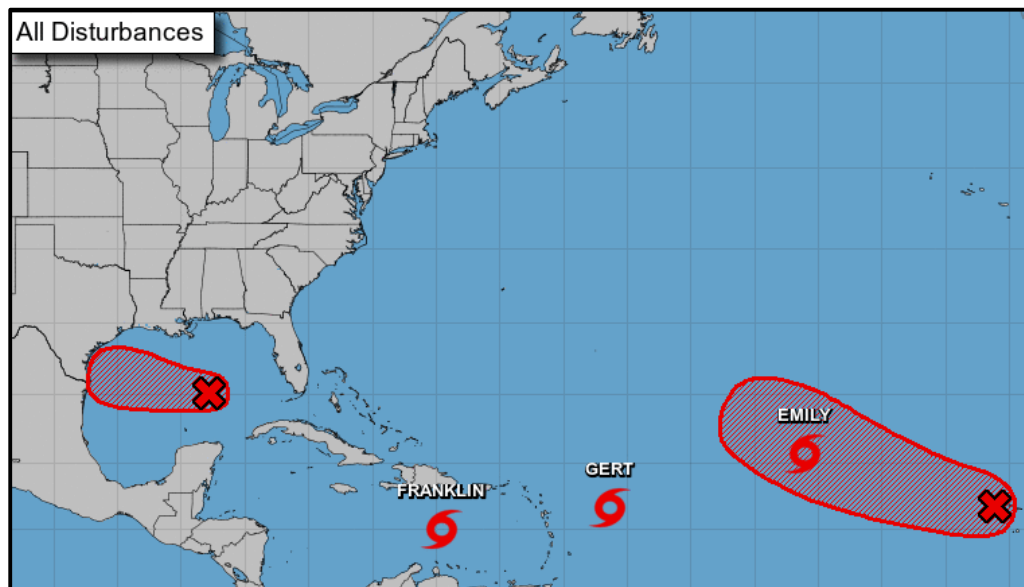
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- "This feature will not have much time to develop before it likely moves into South Texas, although it will be moving across very warm water which can aid in rapid development," explained Pydynowski.
- Regardless of if this feature organizes into a tropical depression, an influx of tropical moisture will still spread inland across areas of South Texas and far northeastern Mexico from Monday night to early Wednesday as a tropical rainstorm.
- Some areas of southern Texas can observe a general swath of 1-2 inches of rain from Monday night to Wednesday morning as this energy shifts over the region.
- Formation chance – 48-hour: High (80%); 7-day: High (80%)



Atlantic – Disturbance 2

- Showers and thunderstorms over the Cabo Verde Islands and portions of the tropical eastern Atlantic are associated with a tropical wave.
- Environmental conditions appear generally conducive for gradual development of this system, and a tropical depression is likely to form later this week while it moves west northwestward across the eastern tropical Atlantic.
- Formation chance – 48-hour: Medium (40%); 7-day: High (70%)



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Eastern Pacific – Post-Tropical Cyclone Hilary

- Hilary weakened to a post-tropical cyclone early Monday after pummeling Southern California with rain over the weekend, but meteorologists warned of the continued potential for life-threatening flooding generated by the storm.
- Hilary was expected to dissipate later on Monday after producing up to an additional four inches of rain across parts of California and Nevada.
- A flash flood warning in Los Angeles County was extended to 8 a.m. local time, and another was in effect until 5 a.m. for parts of San Bernardino County, where forecasters warned of low-water crossings and poor drainage that could make roads impassable. Parts of Inyo and Mono Counties, near the border with Nevada, were also under a flash flood warning for several more hours.
- There were no immediate reports of deaths or injuries, but fire crews in Los Angeles rescued at least one person from a vehicle stranded in rising waters.
- The heaviest rainfall around midnight was in the San Bernardino County mountains, where mud and debris blocked some roads. Officials also ordered some residents to evacuate. Forecasters continued to warn of “catastrophic and life-threatening flooding” in parts of the Southwest and Baja California.
- San Diego Mayor Todd Gloria said some roads are closed and there are scattered power outages, but there are no reports of major issues in the city at this time. Still, he said, the worst might still be to come and residents should remain prepared.
- Three cities in California — Cathedral City, Indio and Palm Springs — said 911 lines were down.
- The Cathedral City Fire Department responded to Canyon Mobile Home Park on Sunday due to flooding that swamped several homes. According to the city, approximately 50 homes were impacted by flooding.
- Officials in Los Angeles said there had been reports of at least 150 tree-related issues in the city, as well as downed electrical wires and 17 minor mudflows. Nearly 60,000 customers were without electricity in California.
- To add insult to injury, at 3 p.m. PDT on Aug. 20, a magnitude 5.1 earthquake was reported in Ojai, California, northwest of Los Angeles, where shaking was felt. No damage was reported. The earthquake was the strongest at that location since 1941.
- Gov. Gavin Newsom of California declared a state of emergency in several counties in the south, including Los Angeles, Orange and San Diego. The city of Indio, which has about 92,000 residents and is in Riverside County, also declared a state of emergency on Sunday.
- Across the state, officials canceled events, closed parks and beaches, and deployed more than 7,500 emergency responders.



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Declaration Request Kentucky

- On August 18, 2023, Governor of Kentucky requested a Major Disaster Declaration for the severe storms, flooding, straight-line winds and tornadoes that occurred July 17-20, 2023. He is requesting individual assistance for 5 counties.
- A historic flash flooding event unfolded during the overnight and into the morning hours on July 19, 2023 across far western Kentucky.
- The majority of this rain fell within a 10-hour window between Midnight and 10 AM. Among the hardest hit counties was Graves County. The city of Mayfield, which bore the brunt of the December 2021 tornado, experienced catastrophic flooding that inundated many homes, businesses, schools, and various other institutions.
- The 11.28 inches of rain that fell in Graves County broke a 24-hour rainfall record for Kentucky, the Weather Service in Paducah said. The previous 24-hour record was 10.48 inches of rainfall in March 1997 in Louisville.



Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
	N/A			

Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied/Pending	Number of Counties/Tribes
OH	Train Derailment Feb 3-8, 2023	7/3/2023	Pending	1 County
AK	Flooding May 10-June 3, 2023	8/1/2023	Pending	5 REAAs
PA*	Severe Storm, Straight-Line Winds & Flooding July 9, 2023	7/31/2023	Pending	1 County
WY	Flooding June 15, 2023	8/1/2023	Pending	1 County
KY	Severe Storms, Flooding, Straight-Line Winds & Tornadoes July 17-20, 2023	8/18/2023	Pending	5 Counties

*Award of task order to contractor pending

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WSP USA Inspection Services Active Disasters

Disaster Number and State	Disaster Type	Number of Counties Declared	Days Since Launch	Registration Deadline
4709 FL	Flood	1 County	108	6/27/2023
4724 HI	Wildfires	1 County	7	10/10/2023

WSP USA INSPECTION SERVICES ACTIVITY

