

DAILY DART

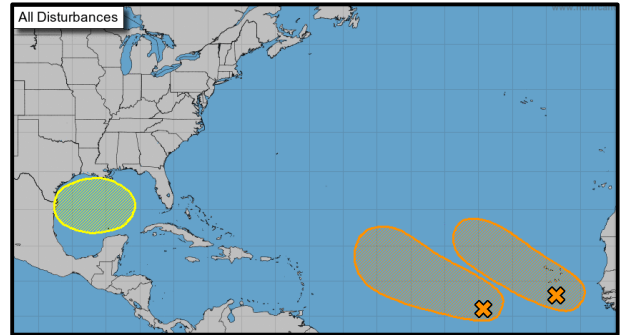
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

August 16, 2023

Tropical Activity

Atlantic – Disturbance 1

- Located 750 miles west-southwest of the Cabo Verde Islands.
- Environmental conditions appear conducive for gradual development of this system, and a tropical depression could form during the next several days while moving toward the west or west-northwest at about 10 mph across the central tropical Atlantic.
- Formation chance – 48-hour: Low (30%); 7-day: Medium (50%)



Atlantic – Disturbance 2

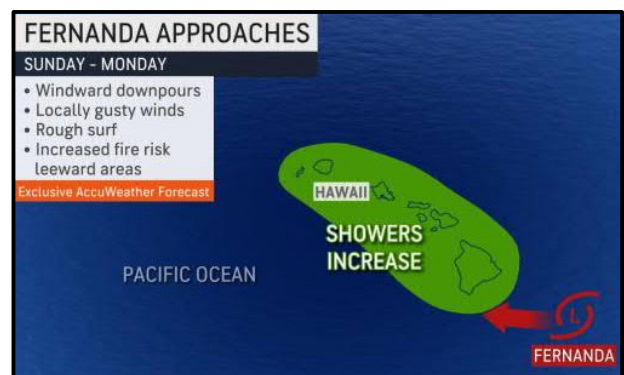
- A tropical wave moving off the west coast of Africa is producing a large area of disorganized showers and thunderstorms.
- This system is forecast to move toward the west-northwest at about 15 mph, with an area of low pressure expected to form in a day or so near or just to the west of the Cabo Verde Islands.
- Further development of the low is possible, and a tropical depression could form over the weekend before environmental conditions become unfavorable early next week.
- Formation chance – 48-hour: Low (20%); 7-day: Medium (40%)

Atlantic – Disturbance 3

- A broad area of low pressure could form in the central or western Gulf of Mexico by the beginning of next week.
- Some slow development of this system is possible thereafter as it moves westward and approaches the western Gulf of Mexico coastline by the middle of next week.
- Formation chance – 48-hour: Low (near 0%); 7-day: Low (20%)

Central Pacific – Hurricane Fernanda (CAT 1)

- Hurricane Fernanda was located well to the southwest of Mexico and was several hundreds of miles from the nearest landmass on Wednesday. Fernanda was a Category 1 hurricane on the Saffir-Simpson Hurricane Wind Scale with maximum sustained winds of 75 mph.
- The wind field of hurricane-force winds from Fernanda extends outward up to 25 miles from the storm's center as it tracks across the East Pacific.
- Through the end of this week and into this weekend, Fernanda will travel in a generally westward path across the East Pacific basin and gradually lose wind intensity.
- "By the end of the week, Fernanda is likely to fall below tropical cyclone intensity," explained AccuWeather Senior Meteorologist Adam Douty.



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- Near the end of the weekend into early next week, the remaining circulation of Fernanda can pass across the Hawaiian Islands and bring shower activity and locally gusty winds to the region.
- "Fernanda could bring enhanced showers to windward portions of the islands Sunday into Monday, but there may not be too much moisture associated with it since it will be long past dissipated," said Douty.
- The uptick in winds across the Hawaiian Islands can cause any existing wildfires to be more challenging to control and pose a risk for any residents in the path of wildfires in Maui.

Flash Flooding

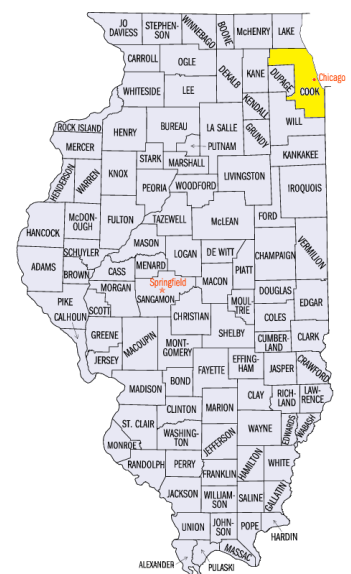
Pennsylvania (July 15th-16th)

- Northampton County has released updated information on damages caused by the severe flash flooding that took place in July.
- According to a Monday release, Northampton County Emergency Management Services is working with a variety of federal, state, and local partners to conduct assessments for both individual and public assistance following the July 16 flash flooding event.
- A total of 315 residential units were assessed during the FEMA team visits, across 15 municipalities. The most were in Lower Mount Bethel Township (121), Washington Township (65), and Bangor Borough (59).
- Of the properties assessed five were listed as being destroyed, six as inaccessible, and 14 as experiencing major damage.
- 169 properties were assessed as experiencing minor damage, and 125 had affected damages.

Declaration Activity

DR-4728 Illinois

- President Joe Biden has officially approved a disaster declaration for Cook County after torrential rains caused devastating flooding across the region in late June and early July.
- According to the declaration, residents in Cook County will now be eligible for a slew of federal resources in the aftermath of the flooding.
- Beginning June 29, several rounds of severe storms passed through Illinois producing heavy rainfall, flash flooding, hail, tornadoes, and straight-line winds.
- On July 2nd, additional severe storms dropped eight inches of water in a short period of time in a historic rainfall total. This caused flash flooding in and around the Chicago area. The storms also downed numerous trees and caused widespread power outages in northern Illinois.
- Damage assessments are continuing in other areas, and more counties and additional forms of assistance may be designated after the assessments are fully completed.



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Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
PA	Flash Flooding July 15-16, 2023	2	2	8/2-8/10

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
TN	Severe Storms & Straight-line winds June 25-26	7/20/2023	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
IL*	Severe Storms & Flooding June 29 - July 2, 2023	8/7/2023	Approved	1 County
WY	Flooding June 15, 2023	8/1/2023	Pending	1 County

*Award of task order to contractor pending

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	103	6/27/2023
4724 HI	Wildfires	1 County	2	10/10/2023

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WSP USA INSPECTION SERVICES ACTIVITY

