

DAILY DART

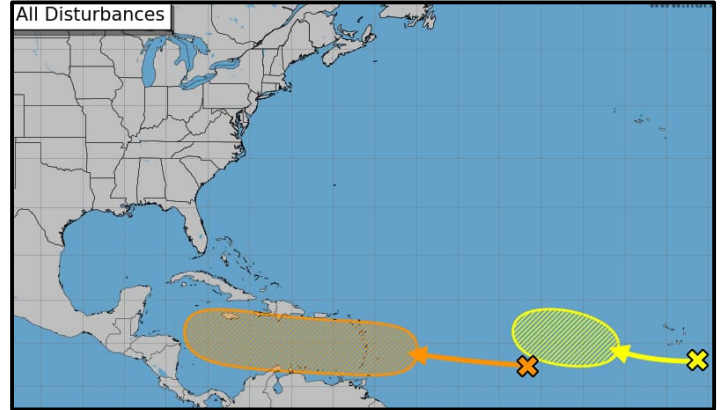
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

August 30, 2024

Tropical Activity

Atlantic - Disturbance 1

- Showers and thunderstorms associated with a tropical wave over the central tropical Atlantic remain disorganized.
- Gradual development of this system is possible during the next few days, and a tropical depression could form sometime next week while it moves westward, reaching the Lesser Antilles on Monday and continuing across the Caribbean Sea through the middle to latter part of the week.
- Formation chance through 48 hours...low...near 0 percent.
- Formation chance through 7 days...medium...40 percent.



Atlantic - Disturbance 2

- Another tropical wave between the west coast of Africa and the Cabo Verde Islands is producing minimal shower and thunderstorm activity.
- Some slow development of this system is possible through late next week while it moves slowly to the west-northwest over the eastern and central tropical Atlantic.
- Formation chance through 48 hours...low...near 0 percent.
- Formation chance through 7 days...low...20 percent.

Joint Preliminary Damage Assessments

State	Event	Number of Counties for IA		Start-End
		Requested	Completed	
CT	Severe Storms & Flooding Aug 18-19	3	0	8/24-TBD
SC	Tropical Cyclone Debby Aug 3-22	3	0	8/29 - TBD
CA	Park Fire and Borel Fire Jul 24 and continuing	5	0	8/28 - TBD
AK	Juneau Mendenhall Glacier Flooding Aug 6	3	0	8/26-TBD

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Preliminary Damage Assessment Overview

South Carolina – Tropical Storm Debby

- Debby first made landfall as a Category 1 hurricane August 5th on the Gulf Coast of Florida. It re-emerged in the Atlantic on August 7th and made a 2nd landfall in South Carolina on August 8th.
- Tropical Storm Debby moved through the area Aug. 6, dropping 13.78 inches of rain in Beaufort, 12.45 inches in Hardeeville and 6.59 in Ridgeland, causing massive flooding.
- As of August 9th, it was reported that 70 homes had major damage and one destroyed.
- Seven tornadoes were also confirmed in South Carolina.

Connecticut – Severe Storms & Flooding

- Connecticut Gov. Ned Lamont declared a statewide emergency after historic flooding that occurred on August 18th in western Connecticut.
- Up to almost 16 inches of rain fell in 6-8 hours in some locations.
- Significant damage from the widespread flash flooding led to the declaration of local states of emergency in the towns of Southbury and Naugatuck.
- Connecticut also experienced major river flooding to include the Housatonic, Little River, and Naugatuck rivers.
- Governor Lamont submitted a request to President Joe Biden and the Federal Emergency Management Agency (FEMA) seeking a federal emergency declaration for Fairfield County, New Haven County, and Litchfield County in response to the extreme flooding from the historic rainfall that portions of Connecticut received mid-August.

California – Park Fire and Borel Fire

- On July 24, the Park Fire started near Bidwell Municipal Park east of Chico and spread at rapid rates with extreme fire behavior.
- The Kern County Public Health Department announced on August 26, 2024, that the California Department of Toxic Substances Control (DTSC) will begin Phase 1 clean-up of residential properties destroyed in the Borel Fire.
- The Park fire has damaged 709 structures and destroyed 54.
- The Borel Fire has damaged 29 structures and destroyed 223.

Alaska – Juneau Mendenhall Glacier Flooding

- Flooding caused a major release at the Suicide Basin of the Mendenhall Glacier above Juneau that sent record amounts of water rushing downstream, forcing the evacuation of several areas on August 3rd.
- According to the National Weather Service, the Mendenhall Lake gage crested around 11:15 p.m. AKDT August 3rd with a maximum level of 14.97 feet.
- Several feet of water were reported in areas along the Mendenhall River after the glacier-dammed lake outburst, as well as inside homes that have not previously seen flooding.

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- The NWS reports that significant bank erosion along the river has occurred, with structures and large trees collapsing into the river.
- Juneau city officials said several roads had been closed due to the flooding.
- The Mendenhall Glacier is a 13-mile-long river of ice within the Tongass National Forest and is among one of the top tourist destinations in Alaska.

Pending Individual Assistance Declaration Request

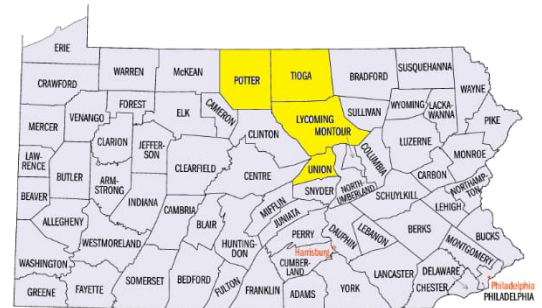
State	Event	Date Submitted	Approved/Denied/Pending	Number of Counties/Tribes
PA*	Tropical Cyclone Debby Aug 9-10	8/23/2024	Pending	4 Counties
IL*	Severe Storms, Tornadoes, Straight-Line Winds & Flooding Jul 13-16	8/28/2024	Pending	7 Counties
VT	Severe Storms, Flooding, Landslides & Mudslides Jul 29-31	8/28/2024	Pending	3 Counties

*Award of task order to contractor pending

Pending Individual Assistance Declaration Request Overview

Pennsylvania – Tropical Cyclone Debby

- Remnants of Tropical Storm Debby flooded the region on Aug. 9, as heavy rain pelted, tributaries, streams, creeks, and rivers overflowed their banks.
- The heaviest damage statewide, according to Pennsylvania Emergency Management Agency spokeswoman Ruth Miller, seemed to be concentrated in the northern Pennsylvania counties of Lycoming, Potter and Tioga.
- There, copious amounts of rain triggered flash flooding that hammered communities like Westfield in Tioga County, and the village of Trout Run in Lycoming County.
- One disaster relief organization working in the three northern tier counties stated that its canvassers had already counted nearly 400 homes in need of some post-storm help.
- Many residents lack flood insurance. Most homeowners' insurance does not cover flooding.
- In 48 hours between Thursday and Saturday mornings, the storm dumped between 1 and 4 inches of rain on parts of the region, according to reports compiled by the National Weather Service.
- Among the high points: 4.30 inches near Pleasant Mount, Wayne County; 3.85 inches in Hazleton, Luzerne County; and 3.24 inches in Thornhurst, Lackawanna County. The most damaging



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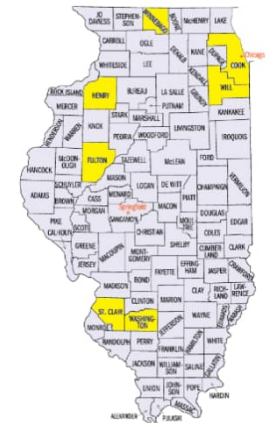
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flooding occurred in the mountains along the Cowanesque River in Westfield, Tioga County, NWS said, where the river crested at 13.52 feet, surpassing the 1996 record crest of 11.1 feet.

- In addition to flooding, the storm was accompanied by a tornado with 105 mph winds that touched down in Harrisburg on Friday afternoon. It was just the second twister to touch down in the city limits since 1950, NWS said.
- On August 23, 2024, the Governor of Pennsylvania requested a major disaster declaration. He is requesting individual assistance for 4 counties (Lycoming, Potter, Tioga, and Union).
- On August 28th, WSP responded to a proposal request for this event. We are waiting for FEMA's decision award.

Illinois – Severe Storms, Tornadoes, Straight-Line Winds & Flooding

- On July 15, 2024, a derecho caused widespread damage in Illinois.
- Winds of 60–105 mph were observed, with some areas experiencing gusts of 105 mph near Spear.
- The winds caused significant tree, and structural damage, and knocked out power to more than 238,000 homes and businesses.
- Approximately 33 tornadoes touched down in the Chicagoland and surrounding areas.
- The outbreak produced mostly weak EF0/EF1 tornadoes, though one EF2 tornado did drop down in the Channahon-Matteson area.
- The Channahon-Matteson tornado lasted from 9:17 to 9:40 p.m. and moved on a 28.9-mile path through Will and Cook Counties.
- The maximum recorded wind speed of the tornado was about 120 mph, and the maximum recorded width of the tornado was about 200 yards.
- The counties requesting individual assistance include Cook, Fulton, Henry, St. Clair, Washington, Will and Winnebago.
- On August 17th, WSP responded to a proposal request for this event. We are waiting for FEMA's decision award.



Vermont – Severe Storms, Flooding, Landslides & Mudslides

- On July 30, parts of northern Vermont reported more than eight inches of rain, leading to the rapid rise of creeks and rivers and multiple swift-water rescues.
- The Passumpic River rose 13 feet in just four hours in one of the highest calendar day rainfall totals in state history.
- In Lyndon, a town of about 5,600, this was the second flash flood event of the month, destroying five bridges and five homes, and damaging 20 to 30 more homes.
- On August 28th, Governor of Vermont requested individual assistance for 3 counties (Caledonia, Essex, and Orleans).



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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
4757 MI	Flooding	9 Counties	199	5/8/2024
4781 TX	Severe Storms & Flooding	40 Counties	102	8/15/2024
4790 MS	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	6 Counties	79	8/09/2024
4798 TX	Hurricane Beryl	22 Counties	47	9/10/2024
4804 KY	Severe Storms, Straight-Line Winds, Tornadoes, Landslides/ Mudslides	15 Counties	36	9/23/2024
4806 FL	Hurricane Debby Aug 1 and continuing	13 Counties	17	10/09/2024
4807 SD	Flooding June 16 to July 8	4 Counties	11	10/15/2024

WSP USA INSPECTION SERVICES ACTIVITY

