

DAILY DART

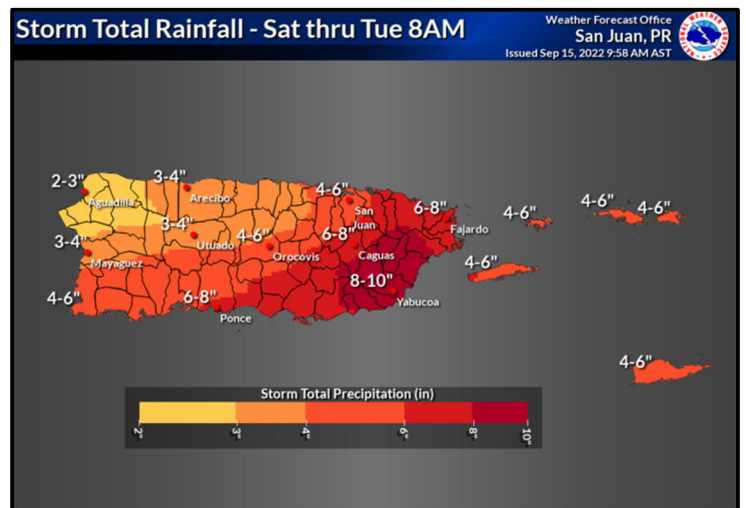
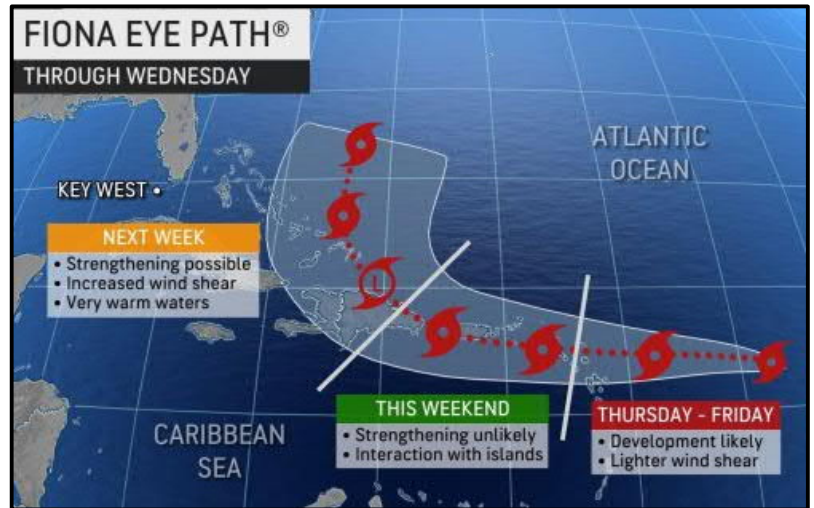
WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

September 16, 2022

Tropical Activity

Atlantic – Tropical Storm Fiona

- Tropical storm watches were put into effect for Puerto Rico and the U.S. Virgin Islands late Thursday afternoon, adding to a slew of warnings and watches that were already in effect.
- Fiona lost some wind intensity early with its sustained winds dropping to 50 mph and higher gusts, according to the National Hurricane Center (NHC).
- As of 8 a.m. Friday, Fiona was located about 175 miles east of the island of Guadeloupe and was heading westward at a speed of 15 mph. Tropical-storm-force winds extend outward up to 125 miles, the NHC said.
- "There will be a brief window, into Friday, where Fiona may gain some more strength as a tropical storm, despite disruptive wind shear," AccuWeather Meteorologist Rob Richards said, "But, beyond Friday, interaction with the progressively larger islands and taller mountains over the northern Caribbean will likely lead to weakening or at least cause strengthening to cease."
- There are some pockets of dry air in Fiona's path, but it is much less than the dry conditions farther east in the Atlantic basin.
- Tropical Storm Fiona is forecast to move generally westward through Saturday which will take the storm across the northern islands of the Caribbean.
- The outer bands of the tropical system are likely to reach the Leeward Islands on Friday morning.
- The most widespread impact of this tropical system will be drenching downpours.
- Rainfall amounts of 4-8 inches could bring localized flooding from the islands of Guadeloupe and Antigua, through the British and U.S. Virgin Islands and Puerto Rico to the Dominican Republic.
- AccuWeather forecasters expect the tropical feature to take a turn more to the north once it reaches the Bahamas due to strong wind shear in the Gulf of Mexico and nearby steering winds.



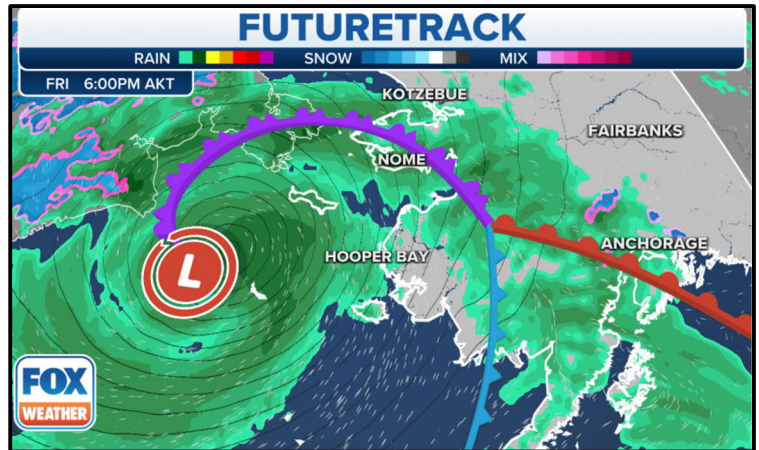
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North Pacific – Remnants of Typhoon Merbok

- A historic storm is bringing hurricane-force winds, 40-50-foot seas and coastal flooding not seen in decades to parts of western Alaska on Friday and Saturday.
- What used to be Typhoon Merbok has morphed into a powerful northern Pacific storm as it races nearly due north and pushes through the Aleutian Islands and into the Bering Sea, bringing a dangerous storm surge that threatens to inundate coastal villages and towns under several feet of water for hours.
- "Even though it is not officially a typhoon – which is what we could call a hurricane in the (U.S.) – it still has all of that powerful energy," said FOX Weather meteorologist Britta Merwin.
- As the powerful storm's fierce winds push the sea ahead, storm surge will rival that of typical hurricane impacts. A surge of 8-11 feet is expected in Nome starting late Friday, with 9-13 feet of surge expected near Golovin and 12-18 feet of surge along the coast from Elim to Koyuk. The highest waters are expected Saturday.
- "With strong winds, you're pushing in a lot of water, and that means the sea levels (are) going to rise and coastal flooding is a concern as well as storm surge," Merwin said.
- What's worse, high-water levels will continue for 10 to 14 hours, allowing wind-driven waves on top of the surge to push far inland and produce additional damage.
- "Impacts may exceed the 2011 Bering Sea Superstorm, and some locations may experience their worst coastal flooding in nearly 50 years," National Weather Service forecasters in Fairbanks wrote early Friday morning.
- Meanwhile, wind gusts are expected to reach 75-90 mph in some areas along the Aleutians on Friday and the southern and western coasts along the Bering Sea Saturday with the strongest core of winds forecast between Adak and Shemya. Storm-force winds of 55-73 mph are expected 500-800 miles around the low-pressure center.



Joint Preliminary Damage Assessments

| State | Event | Number of Counties for IA | | Start-End |
|-------|-------------------------------|---------------------------|-----------|-----------|
| | | Requested | Completed | |
| GA | Flooding September 4, 2022 | 2 | 1 | 9/8-TBD |

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Pending Individual Assistance Declaration Request

| State | Event | Date Submitted | Approved/Denied/Pending | Number of Counties/Tribes |
|-------|--|----------------|-------------------------|---------------------------|
| AS | Severe Storms, Straight-Line Winds, Flooding and Southern Swells July 12-15, 2022 | 8/12/2022 | Pending | Entire territory |
| IL | Severe Storms and Flooding July 25-28, 2022 | 8/30/2022 | Pending | 1 County |
| VA | Flooding and Mudslides July 13-14, 2022 | 9/9/2022 | Pending | 1 County |

WSP USA Inspection Services Active Disasters

| Disaster Number and State | Disaster Type | Number of Counties Declared | Days Since Launch | Registration Deadline |
|---------------------------|--------------------------|-----------------------------|-------------------|-----------------------|
| 4665 MO | Severe Storms & Flooding | 2 Counties/1 City | 37 | 10/7/2022 |

WSP USA INSPECTION SERVICES ACTIVITY

