

DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

June 17, 2022

2022 Atlantic Hurricane Season Outlook – Update

- An updated Atlantic hurricane season forecast from The Weather Company has increased the number of hurricanes and storms expected, adding to what was already anticipated to be a busy year.
- The Weather Company's updated outlook calls for 21 named storms, nine of which are expected to become hurricanes and four of which are expected to reach Category 3 or stronger.
- This forecast increased the number of named storms and hurricanes by one each when compared to the May outlook.
- The forecast is also in line with outlooks issued this spring by NOAA and Colorado State University.
- One factor cited for the increase in The Weather Company's forecast is the slightly warmer waters in the Atlantic Basin compared to a month ago. Sea-surface temperatures in the Atlantic overall are slightly warmer than in 2021 but cooler than the especially busy 2020 season.
- Another factor is the recent ECMWF ensemble mean forecast, which is the most aggressive forecast since the hyperactive 2010 season. "This is the most impressive forecast change we've seen over the last decade," according to Dr. Todd Crawford, director of meteorology at Atmospheric G2.
- There is a high correlation between the forecasts and observations, Crawford notes, so the latest ECMWF ensemble forecast is one of the main reasons for the increase.
- In addition, the persistence of La Niña through the 2022 Atlantic hurricane season indicates that reduced shear over the tropical North Atlantic is likely, which is also favorable for a busier than average year.



2022 Hurricane Season Forecast		Atlantic Basin		
	30 Year Average	Colorado State University	The Weather Company	NOAA
■ Total Named	14	20	21	14-21
■ Hurricanes	7	10	9	6-10
■ Cat 3 or Higher	3	5	4	3-6

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Declaration Request - Update

Michigan

- On May 20, 2022, an EF3 tornado touched down in the city of Gaylord in northern Michigan, carving a path of destruction 200 yards wide and 16 miles long. The tornado killed two people and injured over 40 others.
- The tornado had peak winds of 150 miles per hour. One insurance company said it expects to handle up to 1,200 auto and home claims from the storm and estimated its clients would have auto and home damage of \$5 million to \$10 million.
- There were a total of 210 homes and approximately 30 businesses damaged in the tornado.
- Thirty-three of those 210 were completely destroyed and a further 30 have around 50 percent damage to the structure.
- Erin Mann, executive director of the Otsego County United Way explained that the threshold to qualify for Federal Emergency Management Agency (FEMA) assistance for the city of Gaylord is \$16 million in uninsured damage.
- Since most of the damage occurred to mobile homes with values around \$10,000, that threshold will not be reached, meaning that no FEMA funding will be made available to the city or residents who have been displaced or have had significant damage to their property.

Pending Individual Assistance Declaration Request

State	Event	Date Submitted	Approved/Denied /Pending	Number of Counties/Tribes
MS	Severe Storms, Straight-Line Winds & Tornadoes March 22, 2022	4/28/2022	Pending	4 Counties
MS	Severe Storms, Straight-Line Winds & Tornadoes March 30, 2022	4/29/2022	Pending	8 Counties
TN	Wildfire, Straight-Line Winds & Tornadoes March 30 - April 5, 2022	5/27/2022	Pending	1 County
WV	Severe Storms & Flooding May 6-7, 2022	6/3/2022	Pending	2 Counties
MI	Tornado May 20, 2022	6/8/2022	Pending	1 County
OK	Severe Storms, Tornadoes & Flooding May 2, 2022 & continuing	6/15/2022	Pending	7 Counties

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WSP USA INSPECTION SERVICES ACTIVITY

