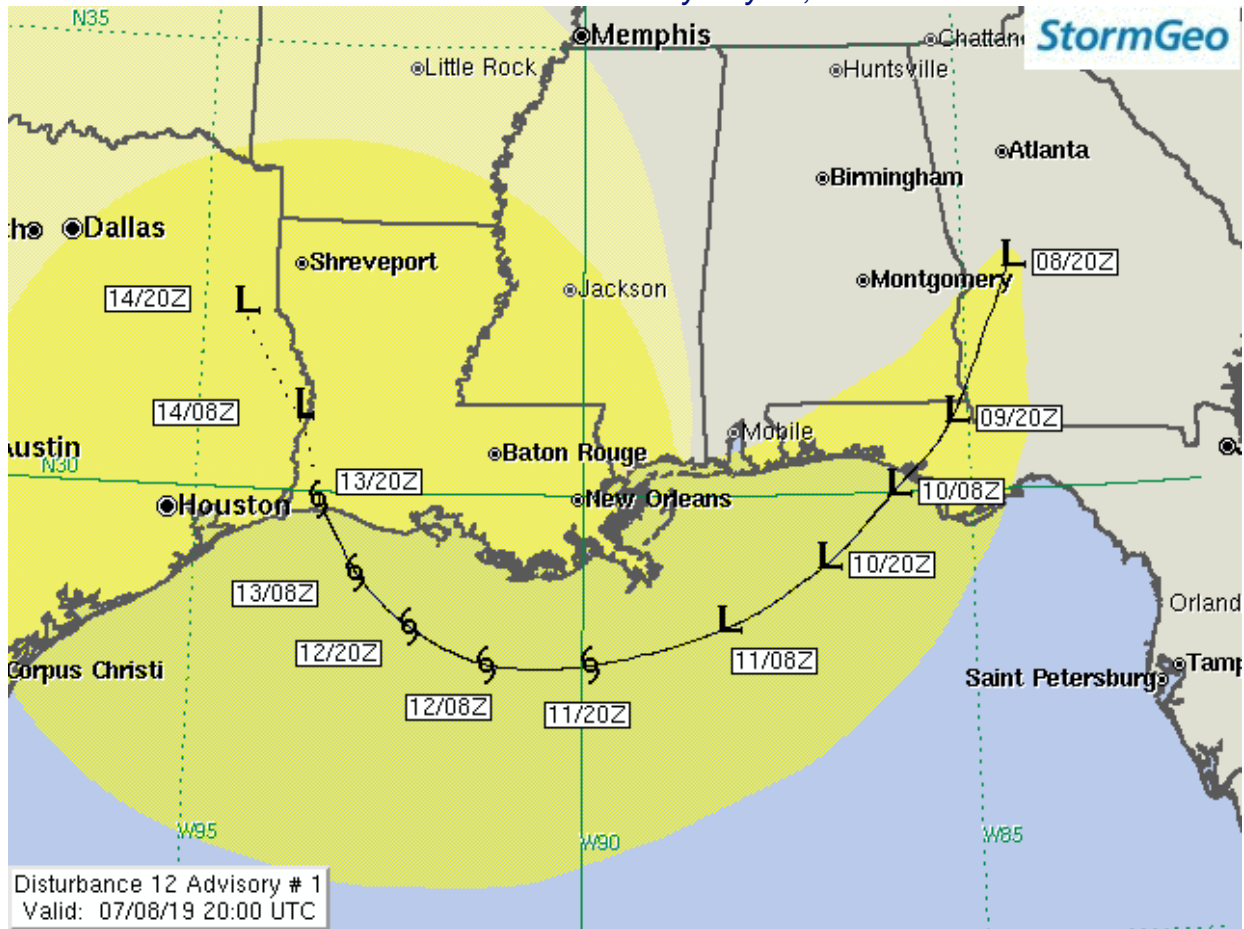


Disturbance 12 Advisory 1

Valid: 20:00 UTC Monday July 08, 2019



Current Location: 32.5N, 84.4W

Geographic Reference: Over West-Central Georgia

Movement: South-southwest at 5 mph

Max Winds: 30 mph gusting to 35 mph

Current Hurricane Severity Index: 0 out of a possible 50 points (0 size, 0 intensity)

Max Predicted Hurricane Severity Index: 5 out of a possible 50 points (2 size, 3 intensity)

Current Radius of Tropical Storm-Force Winds: 0 miles

Max Predicted Radius of Tropical Storm-Force Winds: 90 miles

Organizational Trend: Steady

Forecast Confidence: Average

Chance of Development: 90 percent

Key Points

1. Disturbance 12 will likely develop into at least a tropical storm in the northern Gulf of Mexico by Thursday evening.
2. There is considerable uncertainty in both the track and intensity. The disturbance could make landfall as a hurricane.

Our Forecast

Disturbance 12 consists of an upper-level low pressure area over western Georgia this afternoon. As such, there is currently no significant weather associated with the disturbance. This upper-level low is predicted to move southward and into the Gulf of Mexico by Wednesday morning. Once in the Gulf of Mexico, conditions will be favorable for tropical storm development as the disturbance moves slowly southwest and westward. Latest model guidance has come into slightly better agreement on a landfall somewhere between the upper Texas coast and the mid Louisiana coast on Saturday. For this initial advisory, we are following a consensus of the American, European, and United Kingdom models, which indicates a landfall in southwest Louisiana on Saturday afternoon. Note that given the uncertainties as to where and when the low center will develop, there is considerable uncertainty as to the landfall location and timing.

The intensity forecast is also uncertain. We know that from past experience, any tropical depression or storm that lingers over the Gulf of Mexico for more than 48 hours will likely become a hurricane. However, there are uncertainties as to how quickly the weak disturbance will be able to organize into a depression over the Gulf of Mexico. For this reason, we have elected to set the max winds at landfall to a conservative 60 mph. If the disturbance organizes more quickly, then it could certainly become a hurricane.

Expected Impacts Onshore

Georgia/Alabama - Little impacts are expected inland over the southeast U.S.

Coastal Florida Panhandle - Increasing showers/thunderstorms on Wednesday as the disturbance organizes offshore.

Louisiana Coast from Mouth of Mississippi to Lake Charles - Squalls likely Thursday through Saturday morning, resulting in some travel issues.

Expected Impacts Offshore

Southeast Louisiana Lease Blocks - Squalls reaching the lease blocks during the day on Thursday, making Wednesday the last full day of good weather for any helicopter evacuations.

Central and Western Louisiana Lease Blocks - Squalls reaching the lease blocks late Thursday afternoon or Thursday night.

Upper Texas Coast Lease Blocks - Squalls reaching the lease blocks on Friday.

Our next advisory will be issued by 9PM CDT.

Meteorologists: Chris Hebert / Cameron Self

Forecast Confidence: Average							Hurricane Severity Index		
Fcst Hour	Valid	Lat.	Lon.	Max Sustained Winds	Max Gusts	Category	Size	Intensity	Total
0	2000 UTC Mon Jul 08	32.50N	84.40W	30 mph	35 mph	Tropical Disturbance	0	0	0
24	2000 UTC Tue Jul 09	30.80N	85.20W	30 mph	35 mph	Tropical Disturbance	0	0	0
36	0800 UTC Wed Jul 10	30.00N	86.00W	30 mph	40 mph	Tropical Disturbance	0	0	0
48	2000 UTC Wed Jul 10	29.20N	86.90W	30 mph	40 mph	Tropical Disturbance	0	0	0
60	0800 UTC Thu Jul 11	28.50N	88.20W	35 mph	45 mph	Tropical Disturbance	0	1	1
72	2000 UTC Thu Jul 11	28.10N	89.90W	40 mph	50 mph	Tropical Storm	1	1	2
84	0800 UTC Fri Jul 12	28.10N	91.20W	45 mph	60 mph	Tropical Storm	1	2	3
96	2000 UTC Fri Jul 12	28.50N	92.20W	50 mph	65 mph	Tropical Storm	1	2	3
108	0800 UTC Sat Jul 13	29.10N	92.90W	60 mph	75 mph	Tropical Storm	2	3	5
120	2000 UTC Sat Jul 13	29.90N	93.40W	60 mph	70 mph	Tropical Storm	2	3	5
129	0500 UTC Sun Jul 14	30.60N	93.60W	40 mph	50 mph	Tropical Storm	1	1	2
132	0800 UTC Sun Jul 14	30.80N	93.70W	35 mph	45 mph	Tropical Depression	0	1	1
144	2000 UTC Sun Jul 14	32.00N	94.50W	30 mph	35 mph	Remnant Low	0	0	0

The yellow cone represents track error from the previous five years. Over the past five tropical cyclone seasons, the center of the storm tracked within the yellow cone 75% of the time. The cone does not represent the forecast uncertainty in the current advisory for this storm. In addition, strong winds, very high tides, large waves, and heavy rainfall can often extend well outside the yellow cone.