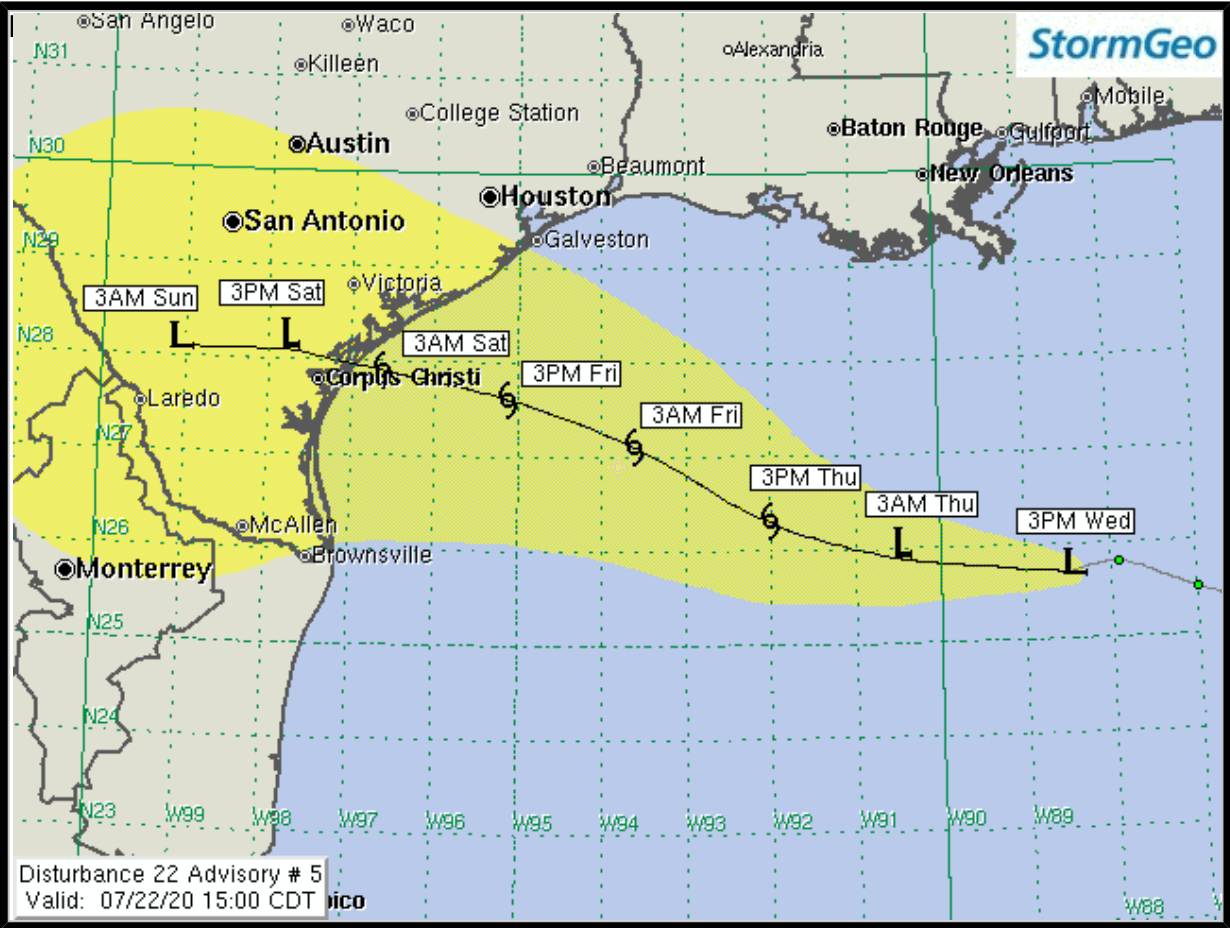


From: StormGeo
To: Lindsey Falconer
Subject: Disturbance 22 Advisory 5
Date: Wednesday, July 22, 2020 2:35:29 PM



Disturbance 22 Advisory 5

Valid: 03:00 PM CDT Wednesday July 22, 2020



- Current Location:** 25.7N, 88.5W
- Geographic Reference:** 565 miles ESE of Corpus Christi, Texas
- Movement:** West at 10 mph
- Max Winds:** 35 mph gusting to 45 mph
- Current Hurricane Severity Index:** 1 out of a possible 50 points (0 size, 1 intensity)
- Max Predicted Hurricane Severity Index:** 3 out of a possible 50 points (1 size, 2 intensity)
- Current Radius of Tropical Storm-Force Winds:** 0 miles
- Max Predicted Radius of Tropical Storm-Force Winds:** 65 miles
- Organizational Trend:** Slowly Becoming Better Organized

Forecast Confidence: Average
Estimated Central Pressure: 1009 mb

Chance of Development: 90 percent

Key Points

1. There are no significant changes in this advisory, with the exception of a later landfall in Texas.
2. Landfall is forecast to occur along the middle Texas coast on Saturday morning as a tropical storm.
3. Regardless of development, flooding rainfall is possible for parts of eastern and central Texas and southern Louisiana.

Our Forecast

Satellite imagery and a recent wind satellite pass indicates that the disturbance has developed a closed low-level circulation today. The only thing keeping it from being classified as a depression today is that the squalls are still not very organized around the center. A reconnaissance plane was scheduled to investigate the disturbance this afternoon, but it appears to be having some instrumentation issues and has not left its base.

All indicates are that this disturbance will become a tropical depression within the next 12 hours, and a tropical storm within the next 24-36 hours. One change that we made in this advisory was to increase the predicted max winds to 45 mph at landfall. It is possible that max sustained winds could be a little stronger at landfall. In addition, it appears that the storm will slow down as it approaches the Texas coast on Friday, which may delay landfall until Saturday morning. This slowing forward speed increases the risk of heavy rainfall along the Texas coast and inland across south-central Texas this weekend.

Expected Impacts Onshore

Coastal Louisiana: Outer bands of squalls will likely reach the coastal parishes, causing periods of heavy rain and street flooding on Thursday and Friday.

Texas Coast inland to Hill Country: Heavy rains could lead to street flooding. Travel delays are likely. Scattered power outages could also occur along the immediate coast with wind gusts of 40-50 mph.

Expected Impacts Offshore

Gulf of Mexico: Scattered heavy thunderstorms will move into the deepwater areas offshore southeast Louisiana tonight and tomorrow morning, but squalls will not become widespread across the northwest Gulf until Thursday afternoon, reaching the Texas coast on Friday morning.

Our next advisory will be issued by 9 PM CDT.

Meteorologist: Chris Hebert

Forecast Confidence: Average						Hurricane Severity Index			
Fcst				Max	Max				

Hour	Valid	Lat.	Lon.	Sustained Winds	Gusts	Category	Size	Intensity	Total
0	3PM CDT Wed Jul 22	25.70N	88.50W	35 mph	45 mph	Tropical Disturbance	0	1	1
12	3AM CDT Thu Jul 23	25.90N	90.50W	35 mph	45 mph	Tropical Depression	0	1	1
24	3PM CDT Thu Jul 23	26.30N	92.00W	40 mph	50 mph	Tropical Storm	1	1	2
36	3AM CDT Fri Jul 24	27.10N	93.60W	45 mph	60 mph	Tropical Storm	1	2	3
48	3PM CDT Fri Jul 24	27.60N	95.10W	45 mph	60 mph	Tropical Storm	1	2	3
60	3AM CDT Sat Jul 25	27.90N	96.60W	45 mph	60 mph	Tropical Storm	1	2	3
66	9AM CDT Sat Jul 25	28.00N	97.20W	40 mph	50 mph	Tropical Storm	1	1	2
72	3PM CDT Sat Jul 25	28.10N	97.80W	35 mph	45 mph	Tropical Depression	0	1	1
84	3AM CDT Sun Jul 26	28.10N	99.10W	30 mph	40 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.

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