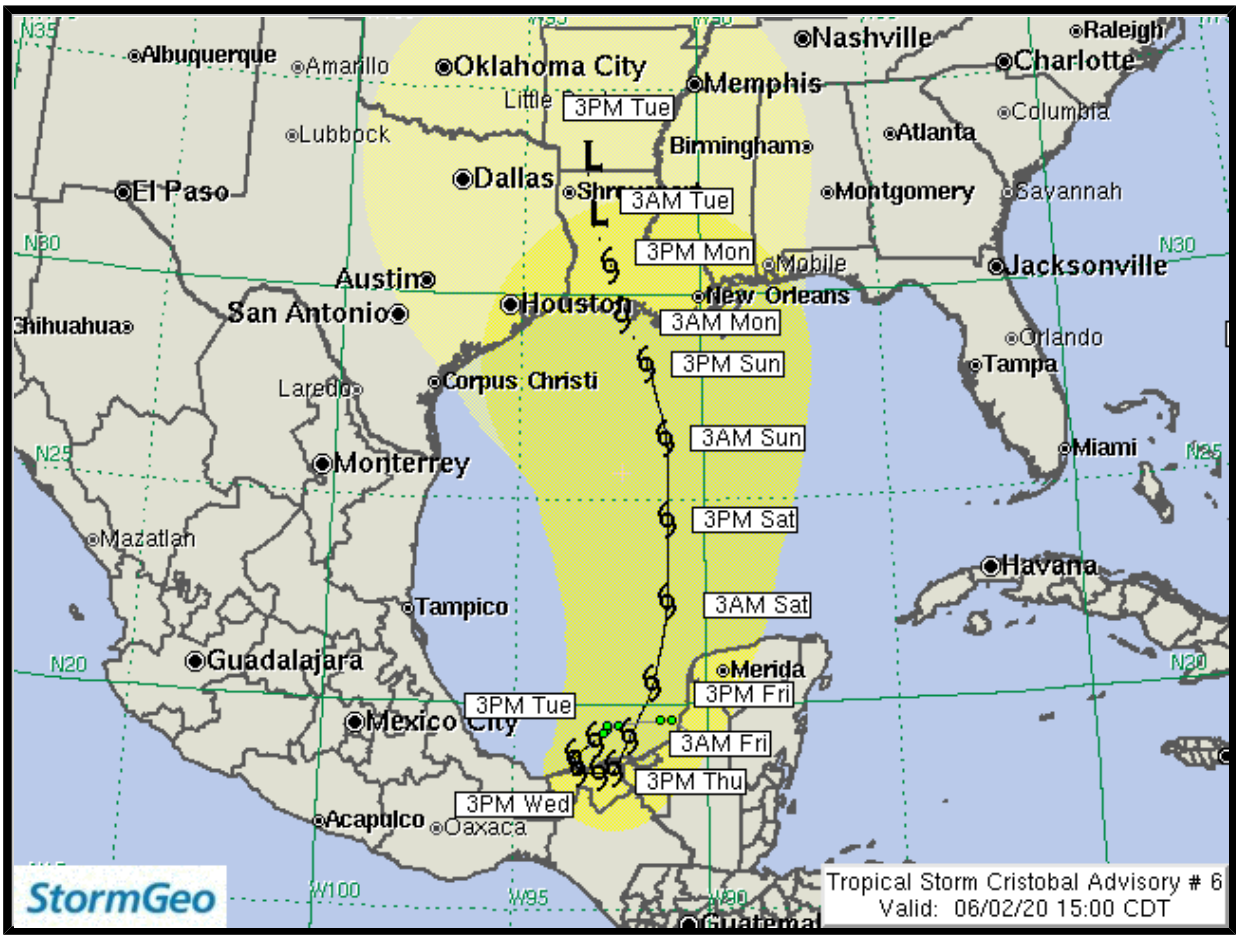
From: StormGeo
To:
Subject: Tropical Storm Cristobal Advisory 6
Date: Tuesday, June 2, 2020 2:46:56 PM

Tropical Storm Cristobal Advisory 6

Valid: 03:00 PM CDT Tuesday June 02, 2020



Current Location: 19.1N, 92.9W
Geographic Reference: 125 miles ENE of Coatzacoalcos, Mexico
Movement: Southwest at 4 mph
Max Winds: 40 mph gusting to 50 mph
Current Hurricane Severity Index: 2 out of a possible 50 points (1 size, 1 intensity)
Max Predicted Hurricane Severity Index: 7 out of a possible 50 points (4 size, 3 intensity)
Current Radius of Tropical Storm-Force Winds: 60 miles
Max Predicted Radius of Tropical Storm-Force Winds: 205 miles
Organizational Trend: Increasing

Forecast Confidence: Average
Estimated Central Pressure: 1003 mb

Key Points

1. Cristobal is expected to become a strong tropical storm before it strikes Mexico.
2. Additional severe flooding and mudslides are expected over Central America and southern Mexico.
3. The long term forecast track was shifted a bit to the east. Landfall is now expected along the central Louisiana Coast late Sunday or very early Monday.
4. We are forecasting Cristobal to be a bit larger than we were previously

Our Forecast

Cristobal is becoming better organized over the southern Bay of Campeche. Our forecast is for it to become a strong tropical storm with winds of 65 mph by the time it reaches the Mexican coast, east of Coatzacoalcos, in about 18 to 24 hours. Cristobal is then expected to move very slowly for a couple of days. This will allow for very heavy rainfall over an extended period of time. Severe to catastrophic flooding is expected for parts of southern Mexico and Central America through the remainder of the week.

By Friday, we expect Cristobal to begin moving faster toward the north. Our forecast track has been shifted a bit eastward from earlier based upon the latest model guidance. We are now forecasting the system to move inland over the central Louisiana Coast late Sunday or early Monday. However, this is a 5 to 6 day forecast. The average error at this time period is around 200 miles. Thus, anywhere from the mid to upper Texas coast through the western Florida Panhandle is still threatened by this system. In addition, we are forecasting the system to be very large. Winds of tropical storm force are expected to extend more than 200 miles from the center when the system approaches the northern Gulf Coast.

Some weakening is expected as the system lingers near southern Mexico, though we believe Cristobal will remain as a tropical storm. Some intensification is expected as it moves toward the northern Gulf. However, the broad wind field, along with moderate wind shear, should prevent any rapid intensification. Our forecast is for it to be a strong tropical storm with winds of 65 mph at landfall. We cannot rule out the system becoming a hurricane, as the European model is forecasting. The chance of the system becoming a hurricane would increase if the system were to retain a tight core.

Expected Impacts on Land

Southern Bay of Campeche: Widespread power outages are expected near where the center makes landfall, along with widespread severe to catastrophic flash flooding and mudslides. Widespread severe to catastrophic flood damage is expected.
Remainder of southern Mexico and Central America: Continued flash flooding and mudslides should cause widespread major flood damage.

Expected Impacts Offshore

Bay of Campeche: Winds of tropical storm force are occurring within 60 miles to the south of the center. Waves over 20 feet will also be possible.

Northwest Gulf of Mexico : Squalls may reach the deepwater areas off the Texas and Louisiana coasts by late Friday or very early Saturday morning. They could reach the near-shore waters along the Louisiana coast by late Saturday afternoon. Tropical storm

conditions are likely on Sunday and early Monday across a large part of the northwest Gulf.

The next advisory will be issued by 9 PM CDT.

Meteorologist: Derek Ortt

Forecast Confidence: Average							Hurricane Severity Index		
Fcst Hour	**Valid**	**Lat.**	**Lon.**	**Max Sustained Winds**	**Max Gusts**	**Category**	**Size**	**Intensity**	**Total**
0	3PM CDT Tue Jun 02	19.10N	92.90W	40 mph	50 mph	Tropical Storm	1	1	2
12	3AM CDT Wed Jun 03	18.70N	93.40W	60 mph	75 mph	Tropical Storm	2	3	5
24	3PM CDT Wed Jun 03	18.40N	93.30W	65 mph	80 mph	Tropical Storm	2	3	5
36	3AM CDT Thu Jun 04	18.30N	92.80W	45 mph	60 mph	Tropical Storm	1	2	3
48	3PM CDT Thu Jun 04	18.40N	92.40W	40 mph	60 mph	Tropical Storm	1	1	2
60	3AM CDT Fri Jun 05	19.20N	92.00W	40 mph	50 mph	Tropical Storm	1	1	2
72	3PM CDT Fri Jun 05	20.50N	91.40W	45 mph	60 mph	Tropical Storm	1	2	3
84	3AM CDT Sat Jun 06	22.50N	91.00W	50 mph	65 mph	Tropical Storm	1	2	3
96	3PM CDT Sat Jun 06	24.50N	91.00W	60 mph	70 mph	Tropical Storm	4	3	7
108	3AM CDT Sun Jun 07	26.50N	91.00W	60 mph	75 mph	Tropical Storm	4	3	7
120	3PM CDT Sun Jun 07	28.30N	91.50W	65 mph	80 mph	Tropical Storm	4	3	7
132	3AM CDT Mon Jun 08	29.50N	92.20W	65 mph	80 mph	Tropical Storm	4	3	7
144	3PM CDT Mon Jun 08	30.70N	92.50W	50 mph	65 mph	Tropical Storm	2	2	4
156	3AM CDT Tue Jun 09	31.70N	93.00W	35 mph	45 mph	Tropical Depression	0	1	1
168	3PM CDT Tue Jun 09	33.00N	93.20W	30 mph	35 mph	Tropical Depression	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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