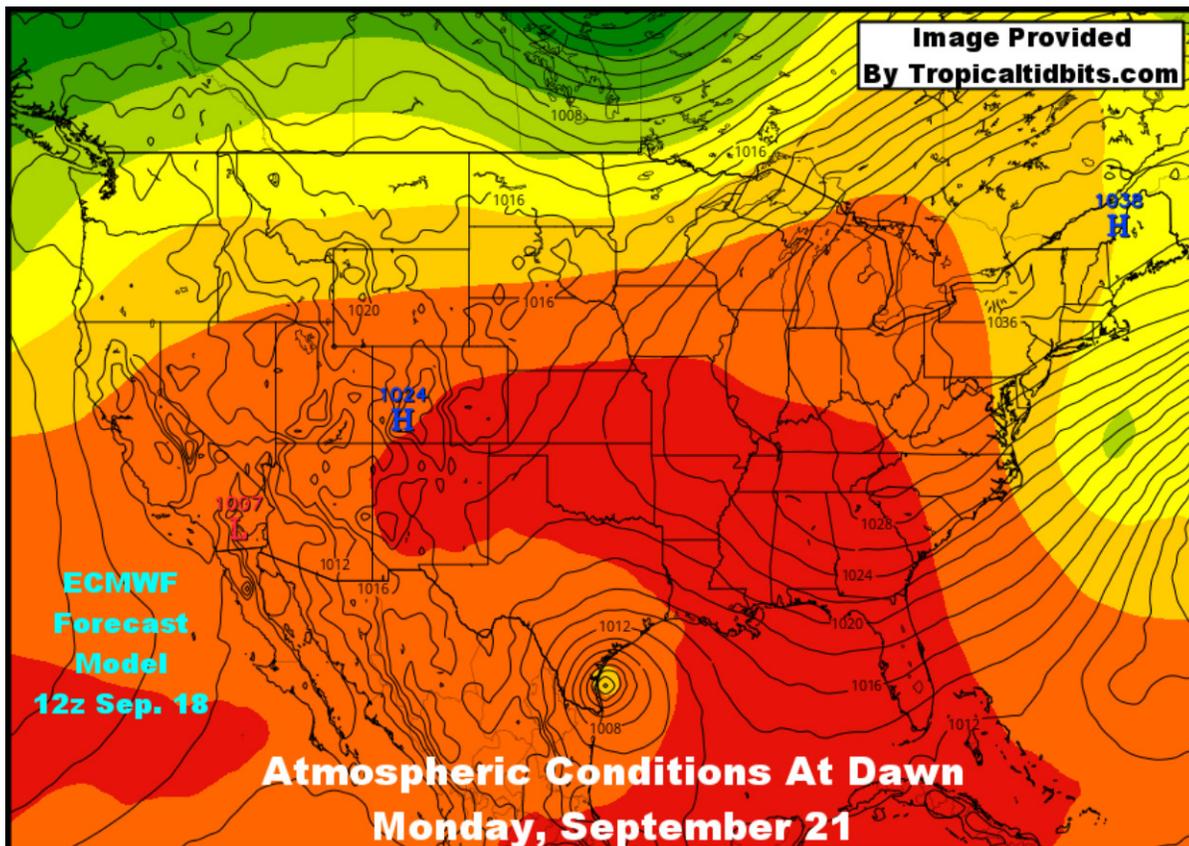


# ECMWF Model Brings Tropical Depression 22 To Delta

By Drew Lerner

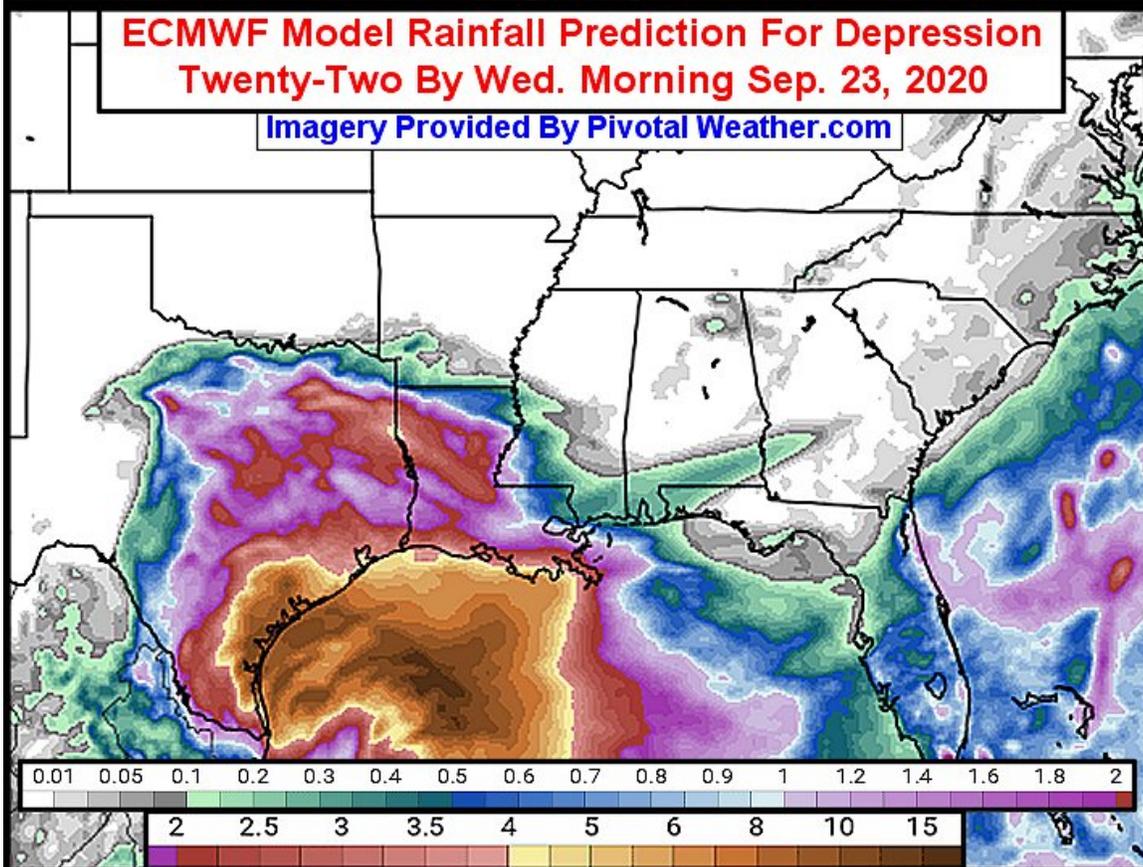
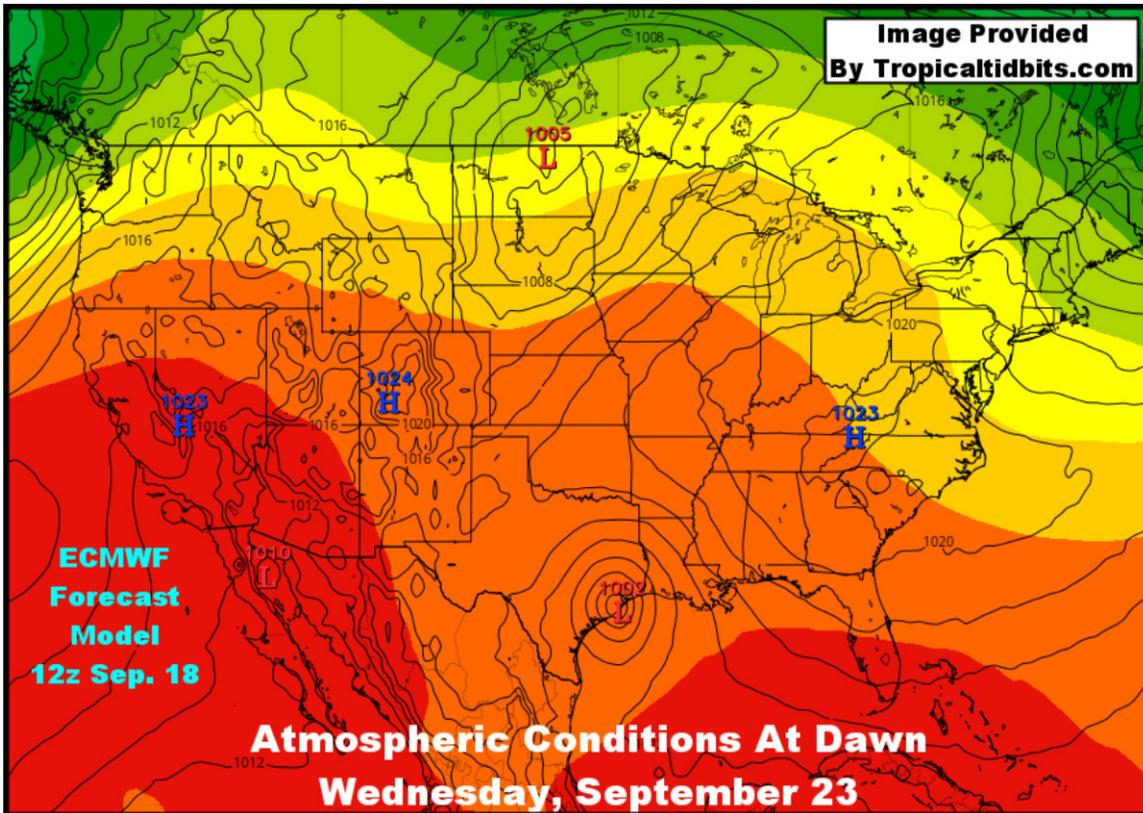
Kansas City, September 18 (World Weather Inc.) – [This afternoon's ECMWF \(European\) model solution for the coming ten days makes some logical sense and it may verify. The latest model run has suggested that Tropical Depression Twenty-Two \(that will soon become a tropical storm and possibly a hurricane\) will make landfall along the Texas coast and then be pulled northeastward by a trough of low pressure moving across the central United States during the middle and latter part of next week. If this solution verifies, the tropical cyclone or its remnants will be brought from the Texas coast to the Delta. Such a movement could bring heavy rain to the Delta.](#)



Tropical Depression Twenty-Two is expected to become a tropical storm later today or tonight and then become a hurricane during the weekend. The storm will move to the west-central Gulf of Mexico tonight and Saturday and then turn to the west toward the lower or middle Texas coast. The forecast by the ECMWF model as shown above for dawn Monday has the storm very near to the Corpus Christi area.

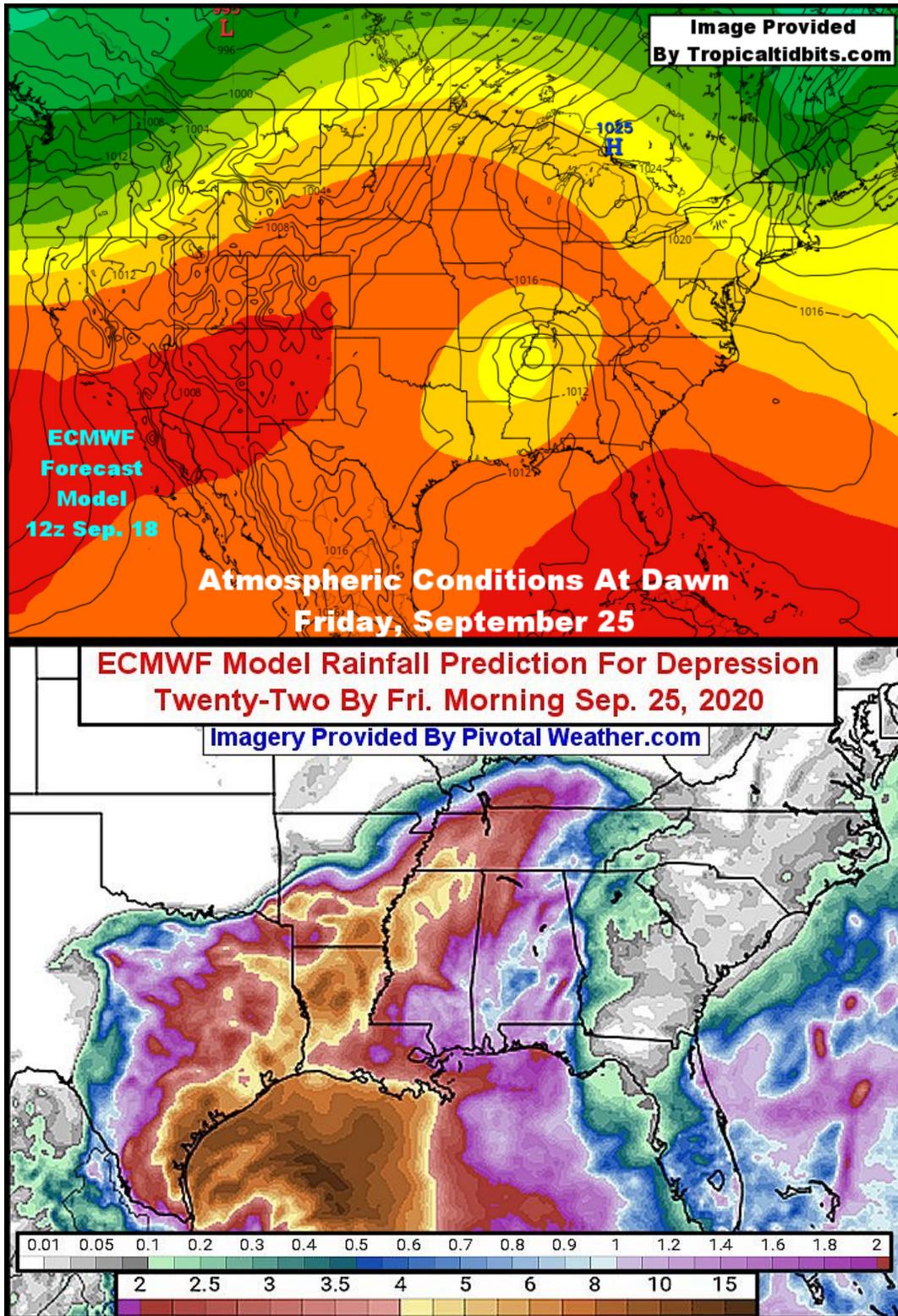
Two days later, the ECMWF model suggests the tropical cyclone will have moved up the Texas coast near the Houston and Galveston areas. Over that two day period very heavy rain and flooding would likely occur along most of the Texas coast with some rain also occurring in Louisiana coastal areas. Rain totals would likely range from 3.00 to more than 8.00 inches through Wednesday morning and rain from the event would have reached northward through the Texas Blacklands and east across most of Louisiana by that time.

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## ECMWF Model Brings Tropical Depression 22 To Delta

An approaching trough of low pressure would then pull the storm northeast from the upper Texas coast to the northern Delta during the Day Wednesday and Thursday. On Friday morning the storm center was advertised to be near Memphis, Tennessee .



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The storm then moves farther to the northeast into the eastern Midwest with decreasing rainfall.

One of the reasons why World Weather, Inc. likes this general scenario is because of Hurricane Teddy. Hurricane Teddy will move from near Bermuda to near Nova Scotia and Newfoundland Canada at the same time another trough of low pressure is moving through eastern Canada. The two large scale features will merge and the trough of low pressure over southeastern Canada will likely experience a period of deepening and broadening as it absorbs Teddy. The trough would also relocate slightly farther to the west and extend farther to the south off the U.S. east Coast limiting the eastward movement of the trough of low pressure moving through the central United States that will pick up Tropical Depression Twenty-Two. The slower movement of the U.S. trough will allow it to pull the tropical cyclone farther to the north rather than farther to the east. This makes logical sense and for that reason we favor a solution for Depression Twenty-Two that is similar to this; however, much can change in the coming week that could alter this scenario.

If the trough of low pressure in the U.S. is allowed to move faster and farther to the east then Depression Twenty-Two could be pulled northward farther to the east impacting the lower Delta and the Tennessee River Basin. This was one of the model solutions from earlier today.

*Obviously, there is still plenty of time for changes to take place in the forecast. However, World Weather, Inc. wanted to present this forecast and these images for something to chew on over the weekend. We will have a much better idea as to where Depression Twenty-Two will go Sunday and Monday of next week. Until then, there is going to be much speculation about this storm.*

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