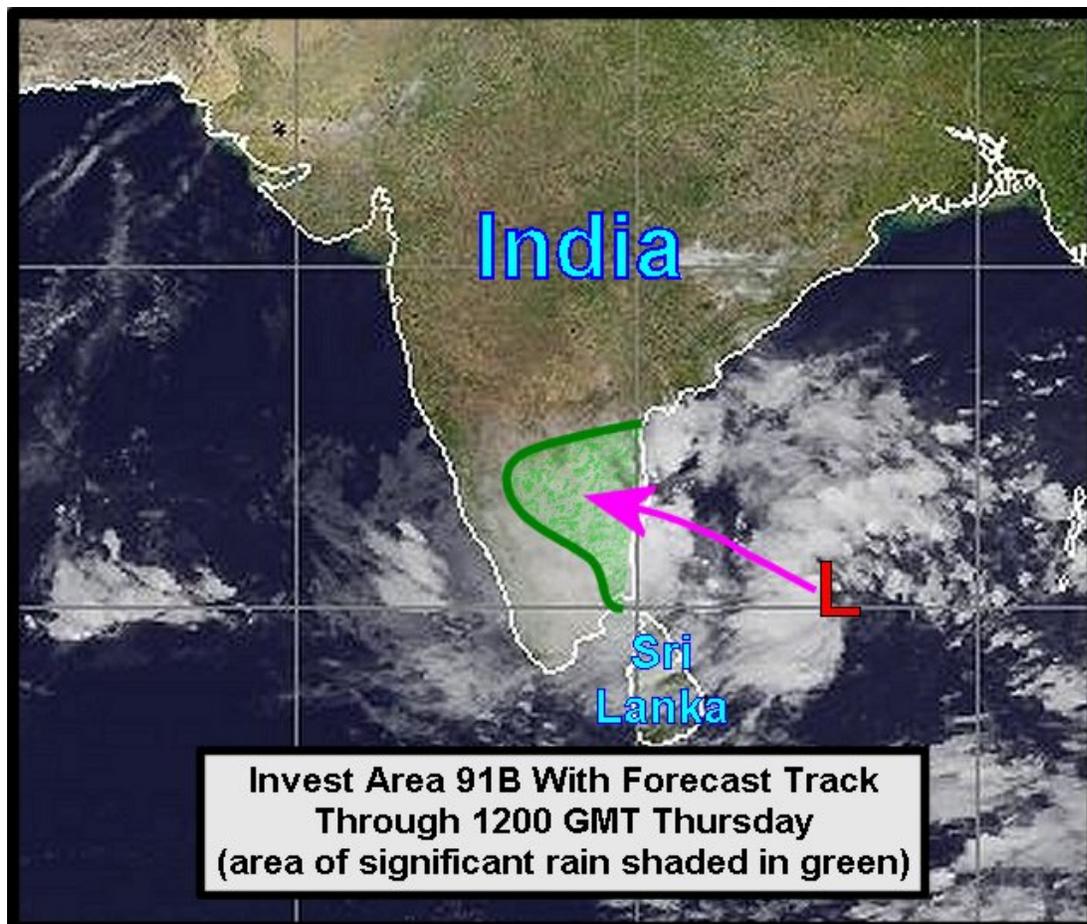


Tropical Disturbance To Impact Some Southern India Crops

By Brad Luchen and Drew Lerner

Kansas City, November 10 (World Weather Inc.) – *An area of disturbed tropical weather is being monitored in the western Bay of Bengal as it heads toward the border of Tamil Nadu and Andhra Pradesh of India. The system will become more organized today, likely reaching tropical depression status and possibly briefly becoming a tropical storm before landfall. Significant rainfall is the main concern with this system. Some rice and sugarcane will likely be impacted by associated flooding. Some cotton quality may also be negatively impacted with some potential for boll rot in fields where bolls are opening. The associated winds are unlikely to do much harm.*

At 1200 GMT today, satellite imagery suggested the center of the tropical disturbance was located 223 miles southeast of Chennai, Tamil Nadu moving northwesterly. Rain from the storm was already impacting much of the lower coast of Andhra Pradesh and northeastern Tamil Nadu, although none of it was exceptionally great. Wind speeds near the center of the storm were still less than 20mph, but strengthening was expected throughout the day today.



Tropical Disturbance To Impact Some Southern India Crops

Invest Area 91B will continue to move in a northwest direction today. Landfall in far northeastern Tamil Nadu near the border of Andhra Pradesh is expected around 0300 GMT Thursday. *Because this system is going to make landfall in less than 24 hours, the time it has for strengthening is quite limited.* Some additional intensification and organization is expected today prior to landfall, but not likely enough for wind speeds to be much of an issue. *The storm will be far enough inland by 1200 GMT Thursday that dissipation should occur very quickly. The greatest rainfall will diminish during the remainder of the day Thursday with only a few erratic showers expected to linger in southern India Friday.*

The associated rain of Invest Area 91B will be most significant from now through 1200 GMT Thursday. *New rainfall through 1200 GMT Thursday is expected to vary from 1.50 to 5.00 inches in the green shaded area of the image above.* This involves east-central and northeastern Tamil Nadu, the southern half of Andhra Pradesh, and some of southeastern Karnataka. *Some rain amounts of as much as 6.00 to 10.00 inches will occur in northeastern Tamil Nadu and southeastern Andhra Pradesh.*

The significant rainfall through 1200 GMT Thursday will cause flooding and that may lead to some rice and sugarcane damage. *Significant crop damage is unlikely, especially since the tropical disturbance is small and will be falling apart quickly after landfall; however, some negative impact to the crops is likely especially near the center of the storm. No serious lodging of sugarcane is expected.*

Another crop to monitor with Invest Area 91B is cotton. Some cotton in the region has begun to open its bolls and that could lead to some boll rot. However, the majority of the crop may not be that far advanced and should be mostly protected from such conditions. None of the cotton crop is mature enough to suffer any stringing of fiber out of the bolls in this situation. Groundnuts and corn are also produced in southern India but are not expected to experience much damage.

By 1200 GMT Friday, Invest Area 91B will be mostly dissipated other than some erratic showers. The rapid dissipation of this system will help give some time for crop conditions to improve. Another, but weaker, tropical disturbance will likely move into far southern India Saturday or Sunday, this time from the Arabian Sea, and could help enhance shower and thunderstorm activity again. This rain will likely be more focused in and near Kerala, but some of the associated showers may get into where significant rain from Invest Area 91B impacted.

World Weather, Inc. forecasts and comments pertaining to present, past and future weather conditions included in this report constitute the corporation's judgment as of the date of this report and are subject to change without notice. Comments regarding damage or the impact of weather on agricultural and energy as well as comments made regarding the impact of weather on the commodity and financial markets are the explicit opinions of World Weather, Inc. World Weather, Inc. cannot be held responsible for decisions made by users of the Corporation's information in any business, trade or investment decision.

©2021 World Weather, Inc. Any unauthorized redistribution, duplication or disclosure is prohibited by law and will result in prosecution.