

Climate Impact Company Weekly Crop Progress Report and Outlook
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Issued: Monday, September 11, 2017

Crop Condition Index: A simple weighted index of the five crop condition categories as presented in the USDA NASS Weekly Crop Progress Reports. The final index number represents an overall rank of crop condition for each state compared to the other states. Highest value indicates the state with the best crop conditions and the lowest value represent states with the worst crop conditions. Max value is 4, minimum value is 0. Index formula: $((\% \text{Very Poor} * 0) + (\% \text{Poor} * 1) + (\% \text{Fair} * 2) + (\% \text{Good} * 3) + (\% \text{Excellent} * 4)) / (\% \text{Very Poor} + \% \text{Poor} + \% \text{Fair} + \% \text{Good} + \% \text{Excellent})$.

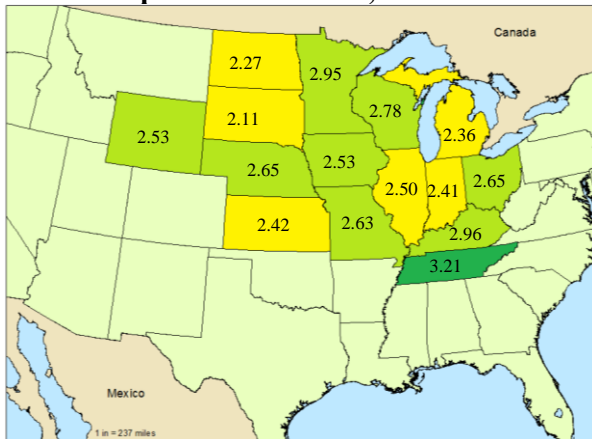
Crop Condition Index KEY:



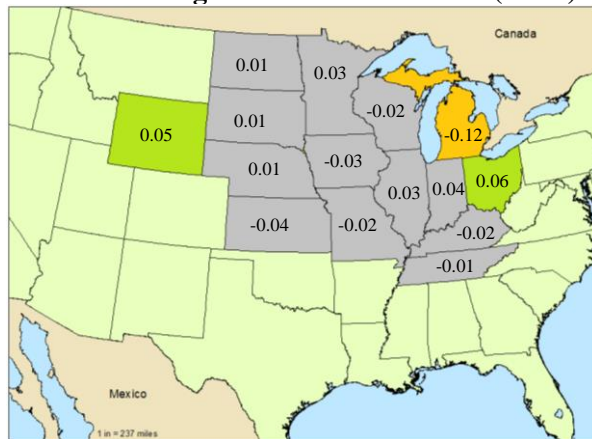
Weekly Change in Crop Condition Index KEY:



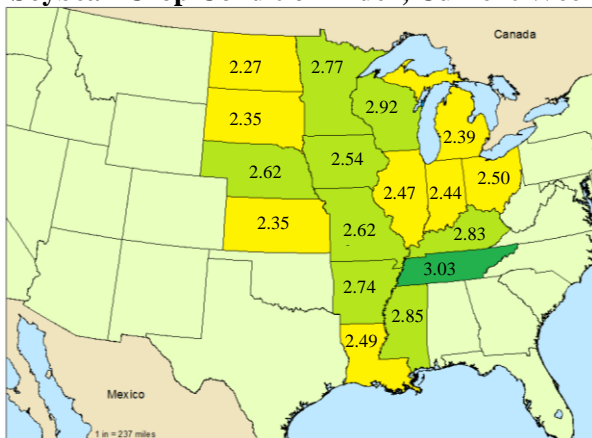
Corn Crop Condition Index, Current Week



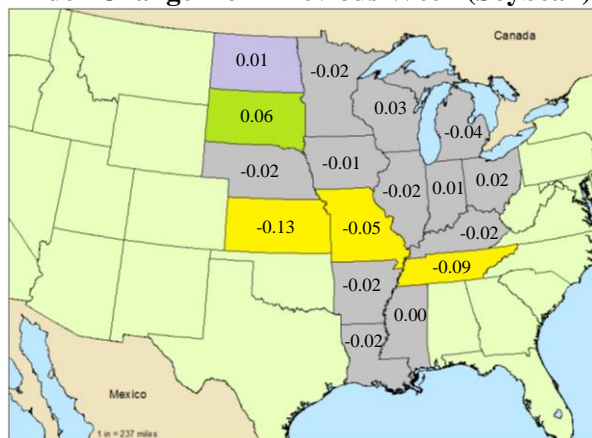
Index Change from Previous Week (Corn)



Soybean Crop Condition Index, Current Week



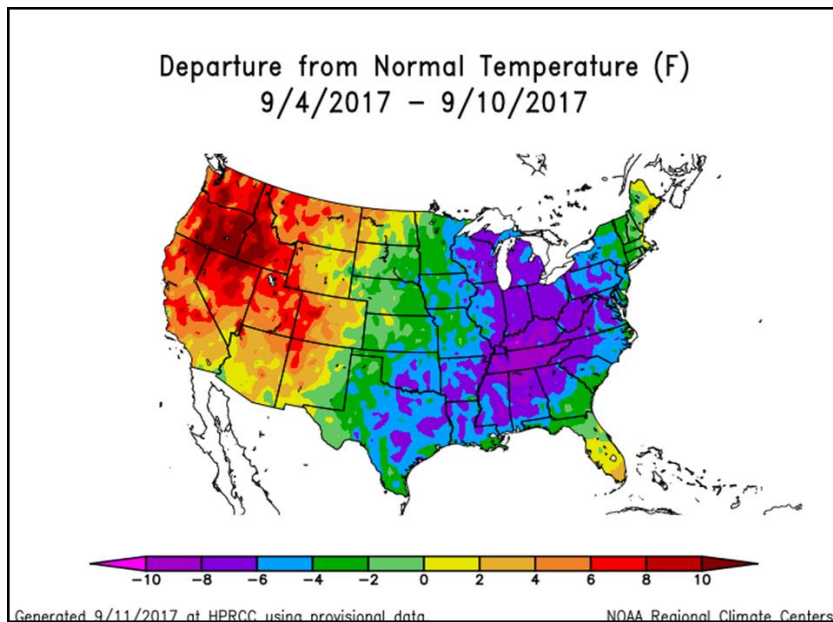
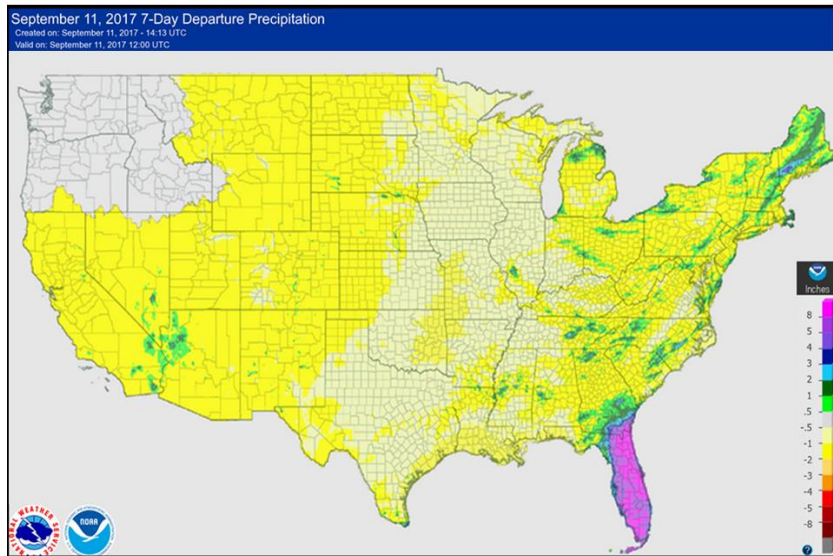
Index Change from Previous Week (Soybean)



Previous Week's Weather Summary

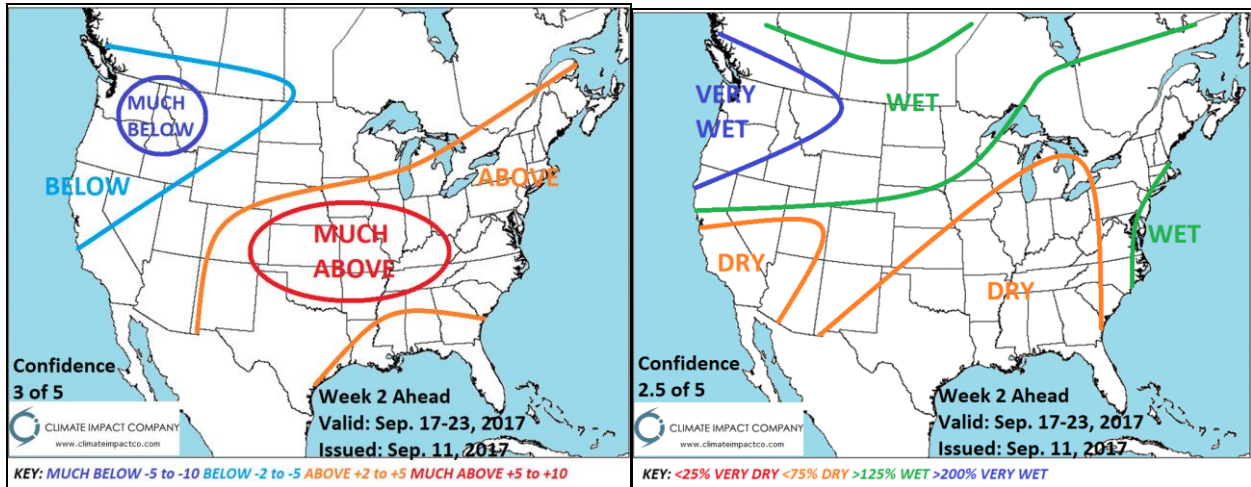
Below normal precipitation continues to be the trend for much of the United States. A convective system brought localized rainfall that brought precipitation amounts for the period above normal across portions of Ohio and Indiana the evening and overnight September 4 – 5, 2017. Over the last 60 days, below normal precipitation has been observed across much of the Corn Belt reducing expected yields. East of the Rocky Mountains and foothills, cooler than normal temperatures prevailed once again. Except for the far Northeast and far Southeast, locations east of the Mississippi River and south of approximately the 37°N parallel observed below temperatures as much as 6°F to greater than 10°F below normal.

Departure from Normal Precipitation (Top) and Departure from Normal Average Temperature (Bottom), Previous 7 Day. Images: NOAA and the High Plains Regional Climate Center.



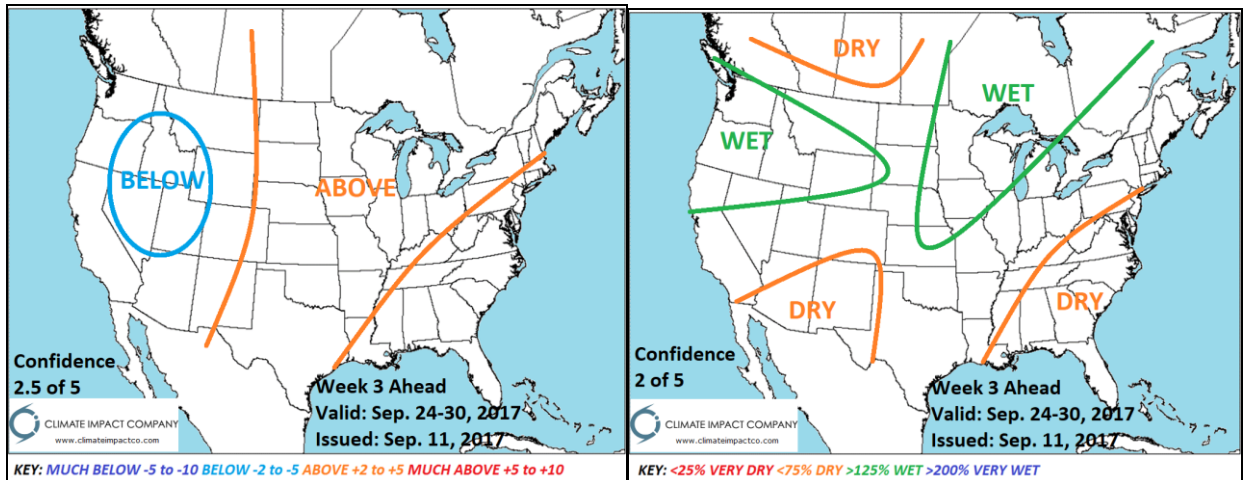
Climate Impact Company Medium-range Climate Outlooks

Week 2 Ahead: September 17-23, 2017 (previous forecast below)



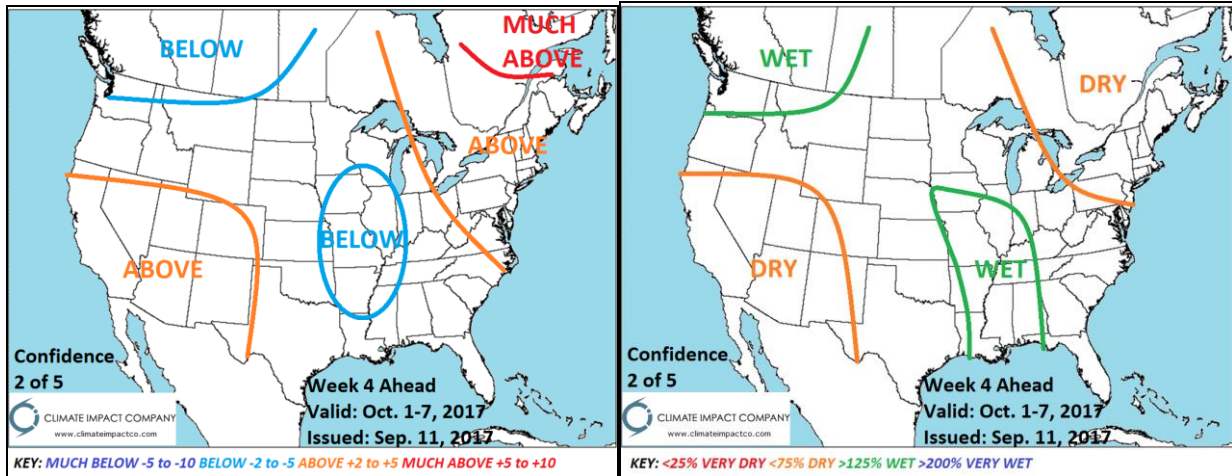
Comment: The Great Plains turns quite wrm with late season 80's Mid-South and 90's in Texas next week. Across the Northwest U.S. a cooler and wetter regime develops. The wet weather struggles to maintain intensity reaching the Great Plains although the northern Plains trend wetter than normal.

Week 3 Ahead: September 24-30, 2017 (previous forecast below)



Comment: The tendency is for the West to stay wet and cool while the Great Plains lay beneath a mean upper ridge and are warmer than normal. Cold fronts are able to reach the Great Plains with rainfall affecting the Midwest.

Week 4 Ahead: October 1-7, 2017



Comment: Early October brings another pattern change as the Northwest U.S. trough in late September drops into the Great Plains causing cooler and wetter weather to generate.