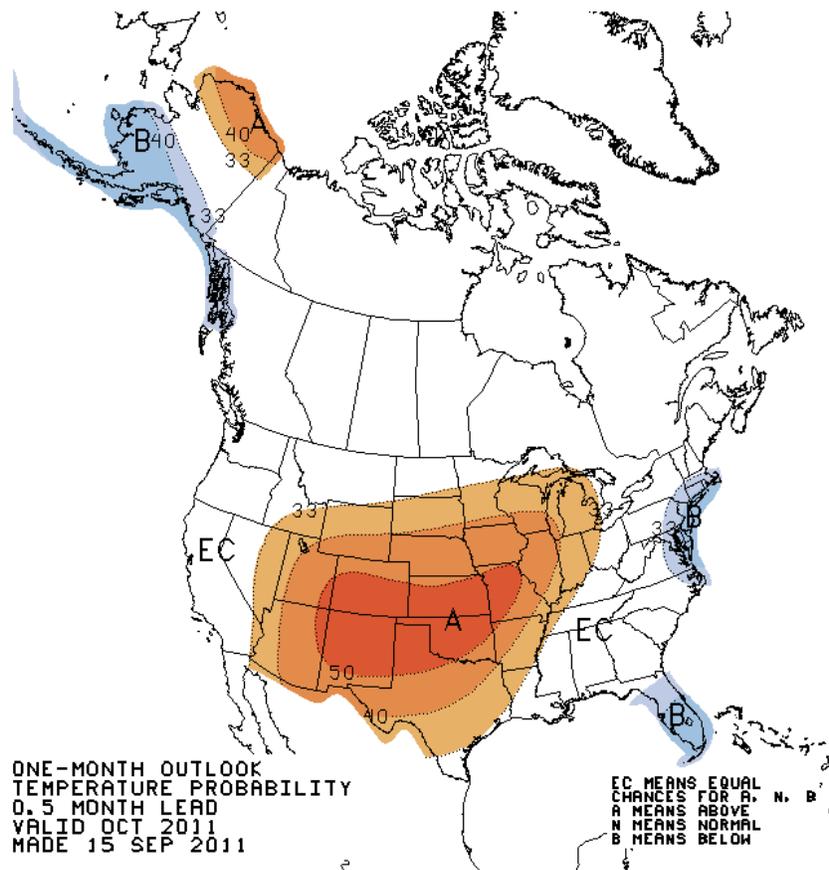


North Central United States October & October-November-December 2011 Climate Prediction Center (CPC) Climate Outlook and Summary

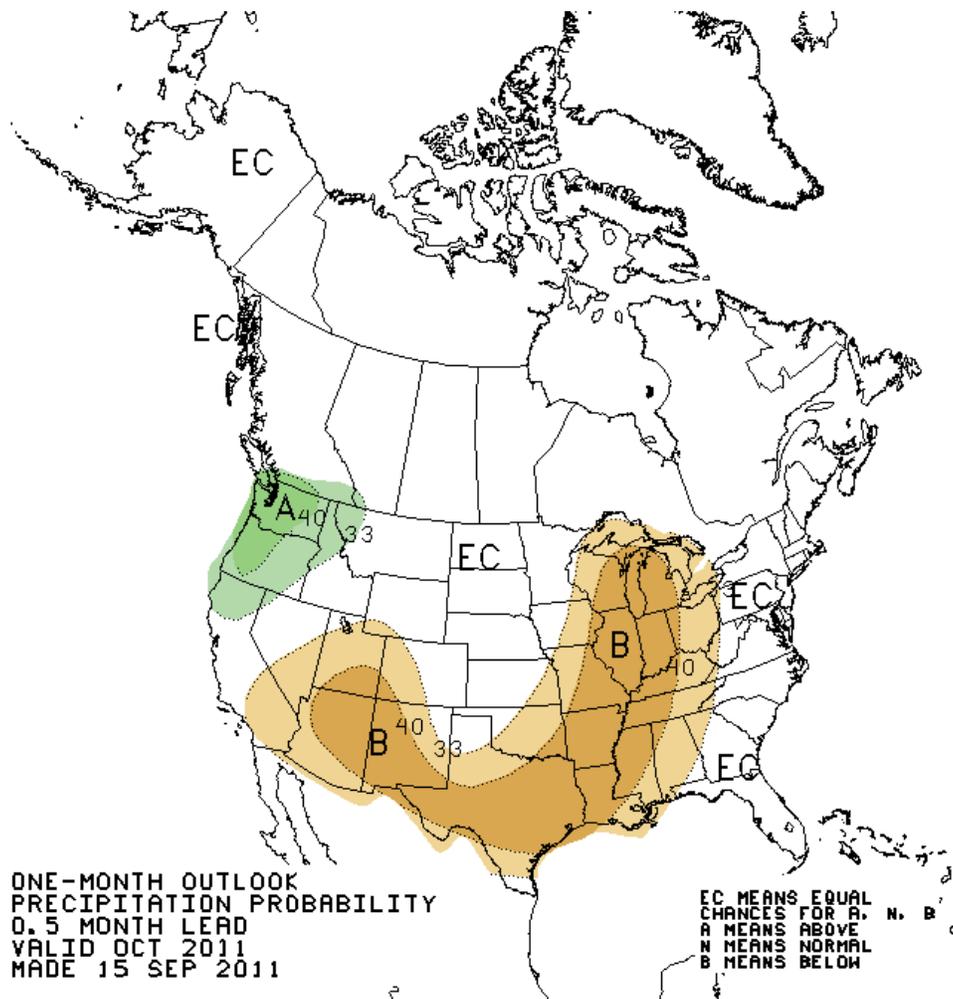
October Temperature Outlook:

Much of the North Central United States has an enhanced probability of above-normal temperatures for October. Nebraska and Iowa have a greater than 40% chance of above-normal temperatures relative to climatology for the month; or stated another way, a 33% chance of near-normal temperatures and a 17 to 27% chance of below-normal temperatures. Through South Dakota and southern Minnesota there will be a 33% to 40% probability of above-normal temperatures (with a 33% chance of near-normal temperatures and a 27% to 33% of below-normal temperatures relative to climatology). There are indeterminate chances of above-normal, near-normal, or below normal temperatures for most of North Dakota and northern Minnesota; i.e. a 33% probability of any of the three categories occurring.



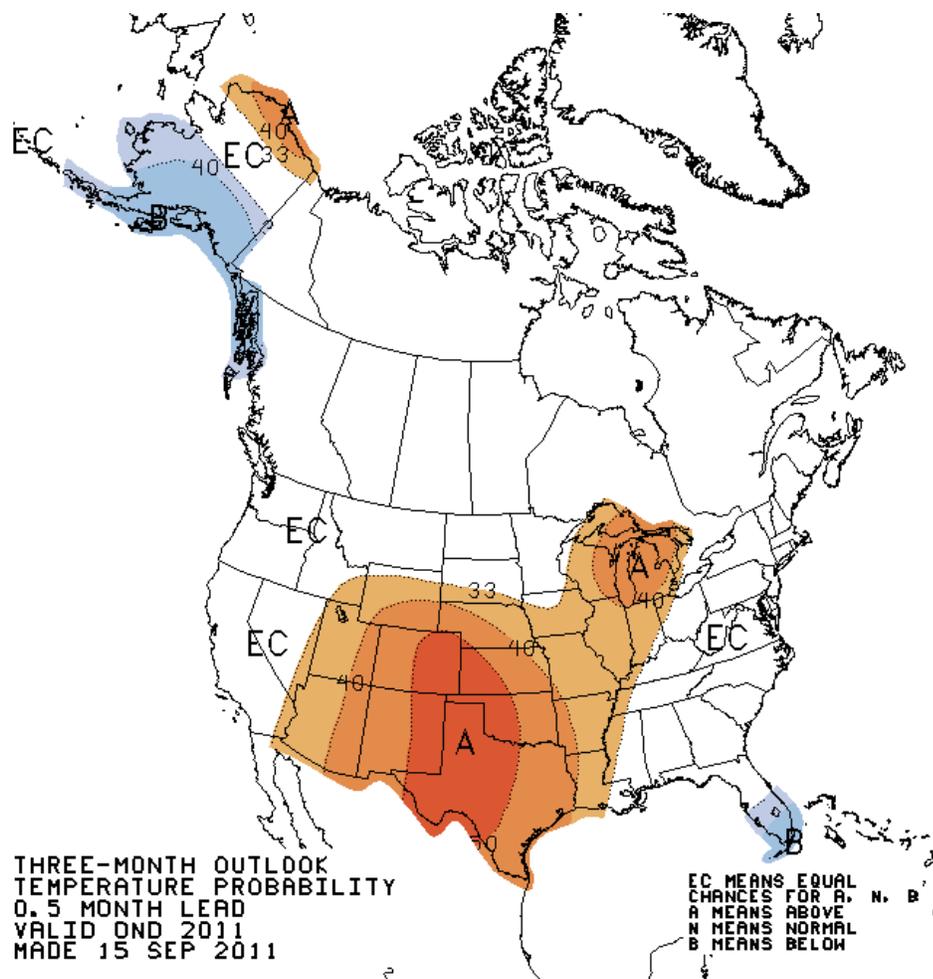
October Precipitation Outlook:

Most of the North Central United States has indeterminate chances of above-normal, near-normal and below-normal precipitation during October; or stated another way, a 33% chance of above-normal precipitation, a 33% chance of near-normal precipitation, and a 33% chance of below-normal precipitation relative to climatology. There will be an enhanced chance of below-normal precipitation through eastern Iowa however, with a 33% to 40% probability of below-normal precipitation, a 33% chance of near-normal precipitation, and a 27% to 33% chance of above-normal precipitation.



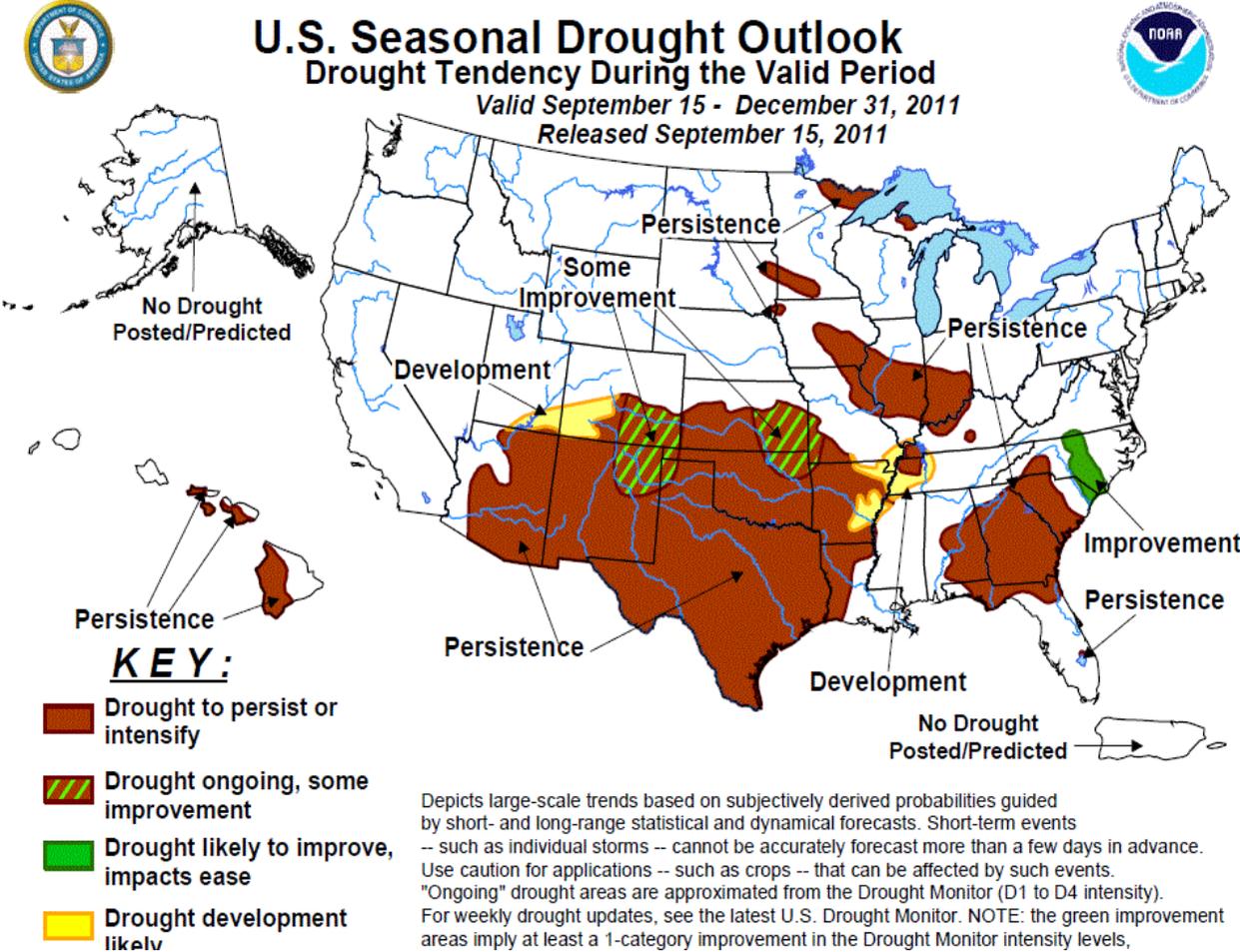
October - December Temperature Outlook:

The potential for warmer than normal temperatures covers most of the southern portions of the region for late autumn/early winter, while indeterminate chances will exist for the north. The best chance of above-normal temperatures relative to climatology will occur over southwestern Nebraska, where there will be a 40% to 50% chance of above-normal temperatures for October through December (with a 33% chance of near-normal temperatures, and a 17% to 27% of below-normal temperatures). Southern South Dakota and most of Iowa will have a 33% to 40% chance of temperatures warmer than normal relative to climatology (with a 33% chance of temperatures near normal, and a 27% to 33% chance of temperatures colder than normal). To the north of this area, there are indeterminate chances of above-normal, near-normal, or below-normal temperatures over North Dakota, Minnesota, and northern South Dakota through the period.



Seasonal Drought Outlook

The most recent Seasonal Drought Outlook indicates that areas that are presently experiencing drought conditions are expected to see little improvement into early winter, and in fact may see some intensification of drought conditions.



Seasonal Outlook Interpretation Guide

The outlooks indicate probability of being in three specific categories in reference to the 30-year climatology from 1981-2010:

Temperature		Precipitation	
Social Science	Climate Science	Social Science	Climate Science
Uncommonly Cold	Below Normal Tercile	Uncommonly Wet	Above Normal Tercile
Uncommonly Warm	Above Normal Tercile	Uncommonly Dry	Below Normal Tercile
Moderate (Neither Warm Nor Cold)	Normal Tercile	Moderate (Neither Wet nor Dry)	Normal Tercile

The National Weather Service Seasonal Climate Outlooks predict the probability of conditions being among the warmest/coldest or wettest/driest terciles of years compared to the period of 1981-2010:

Precip	Temp	Probability of Occurrence			Most likely category
		Above	Near	Below	
		80.0%-90.0%	16.7%-06.7%	03.3%	"Above"
		70.0%-80.0%	26.7%-16.7%	03.3%	"Above"
		60.0%-70.0%	33.3%-26.7%	06.7%-03.3%	"Above"
		50.0%-60.0%	33.3%	16.7%-06.7%	"Above"
		40.0%-50.0%	33.3%	26.7%-16.7%	"Above"
		33.3%-40.0%	33.3%	33.3%-26.7%	"Above"
		33.3%-30.0%	33.3%-40.0%	33.3%-30.0%	"Near Normal"
		30.0%-25.0%	40.0%-50.0%	30.0%-25.0%	"Near Normal"
		33.3%-26.7%	33.3%	33.3%-40.0%	"Below"
		26.7%-16.7%	33.3%	40.0%-50.0%	"Below"
		16.7%-06.7%	33.3%	50.0%-60.0%	"Below"
		06.7%-03.3%	33.3%-26.7%	60.0%-70.0%	"Below"
		03.3%	26.7%-16.7%	70.0%-80.0%	"Below"
		03.3%	16.7%-06.7%	80.0%-90.0%	"Below"
		33.3%	33.3%	33.3%	"Equal Chances"

