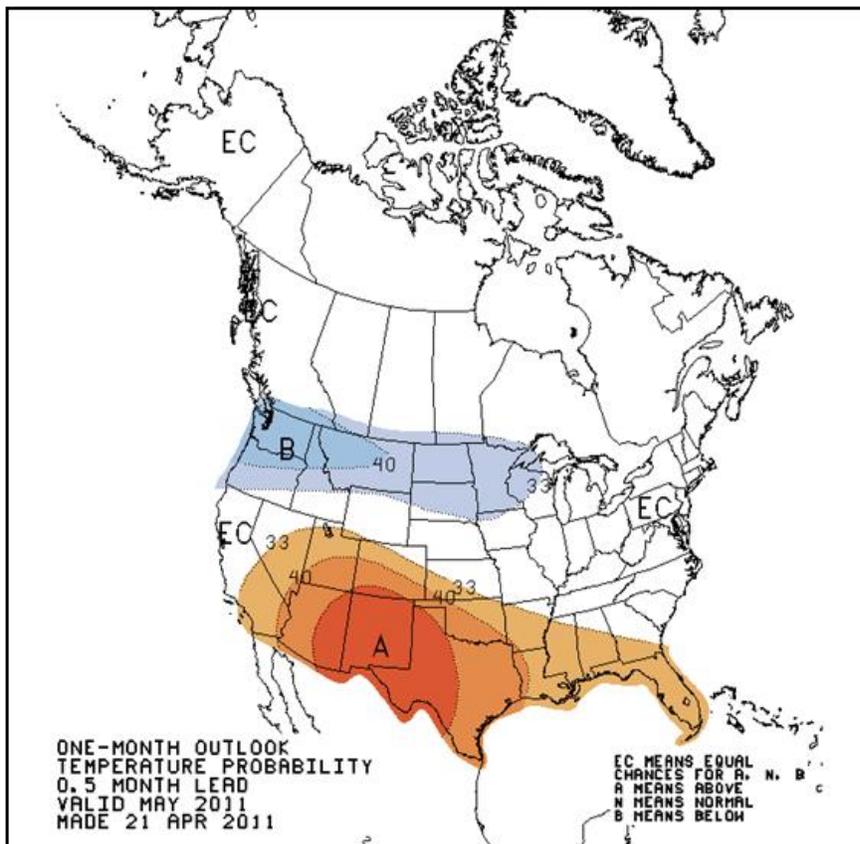


# North Central United States May & May-June-July 2011 CPC Climate Outlook and Summary

## May Temperature:

Much of the North Central United States is expected to have below normal temperatures for the month of May. The greatest chance of colder than normal conditions is expected through the Dakotas into Minnesota, while indeterminate chances for above-normal, near-normal, and below-normal temperatures are depicted for Nebraska and Iowa.

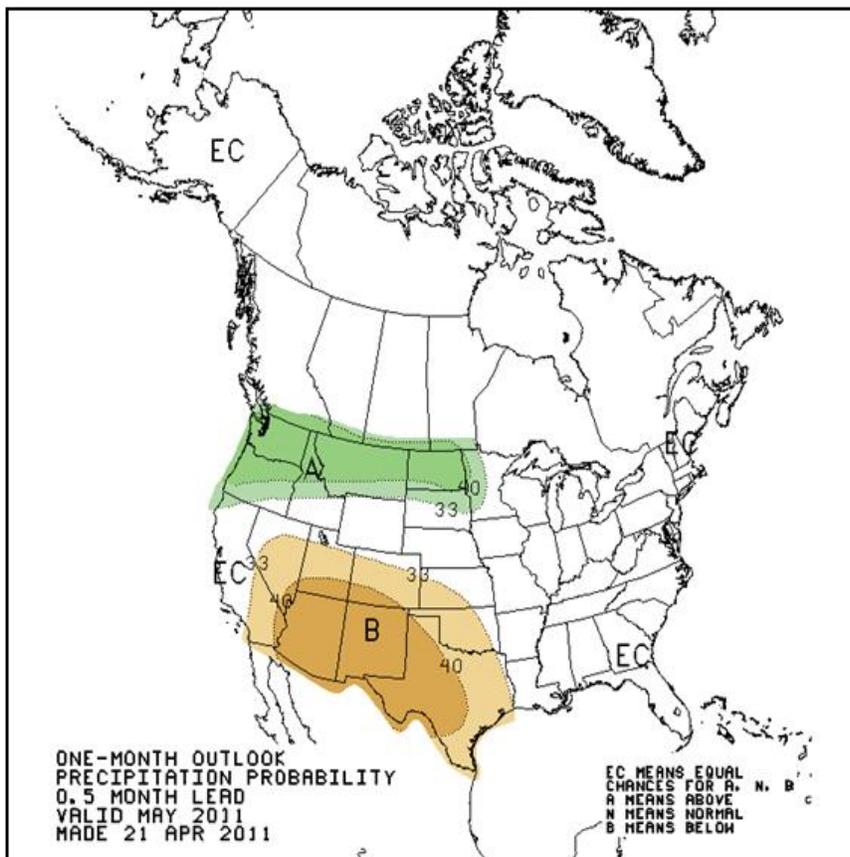
## One-month Temperature Outlook (May):



## May Precipitation:

While above normal precipitation is expected for North Dakota, extreme western Minnesota and northern South Dakota, enhanced chances (greater than 40%) for above normal conditions are indicated for most of North Dakota. Southern South Dakota, Nebraska, eastern and southern Minnesota, and Iowa show indeterminate chances for above-normal, near-normal, and below-normal precipitation.

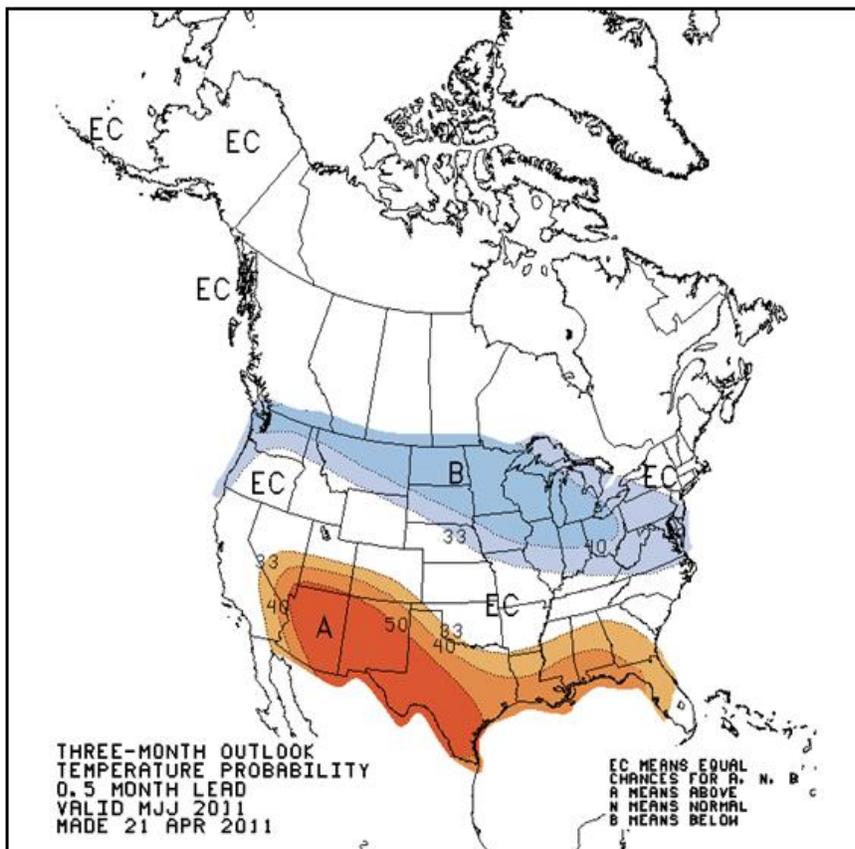
## One-month Precipitation Outlook (May):



## May-July Temperature:

There will be an enhanced chance (greater than 40%) for colder than normal temperatures for May through July over North Dakota, Minnesota, and the northeastern portions of South Dakota and Iowa; while colder than normal temperatures are also indicated for the remainder of South Dakota and Iowa. Western and southern Nebraska is depicted with indeterminate chances for above-normal, near-normal, and below-normal temperature.

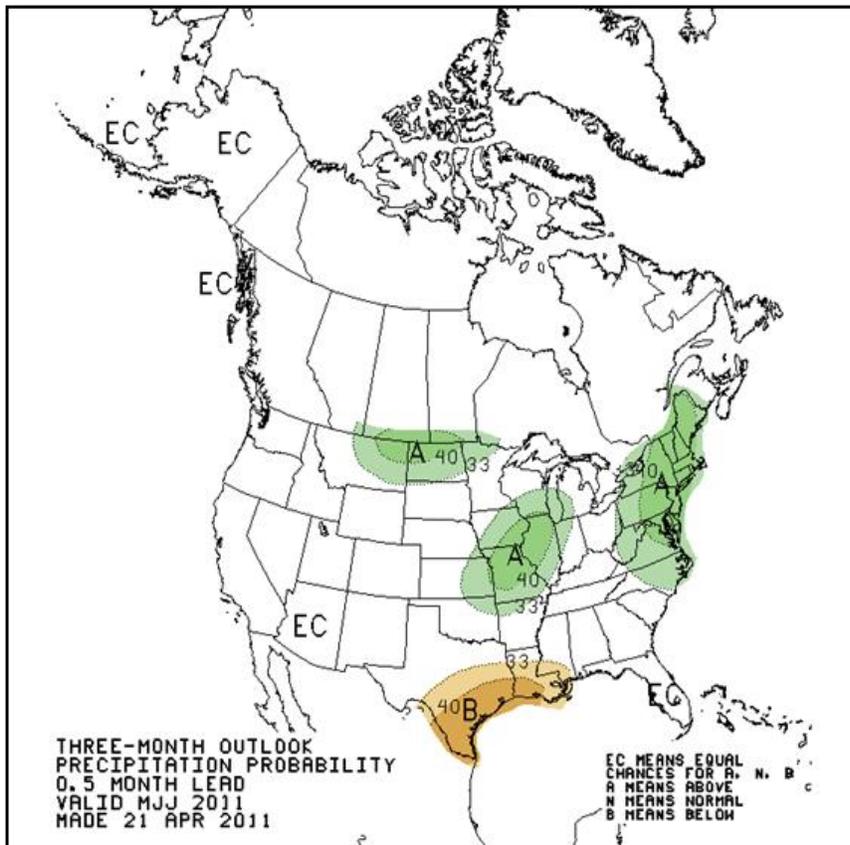
## Three-month Temperature Outlook (May/June/July):



## May-July Precipitation:

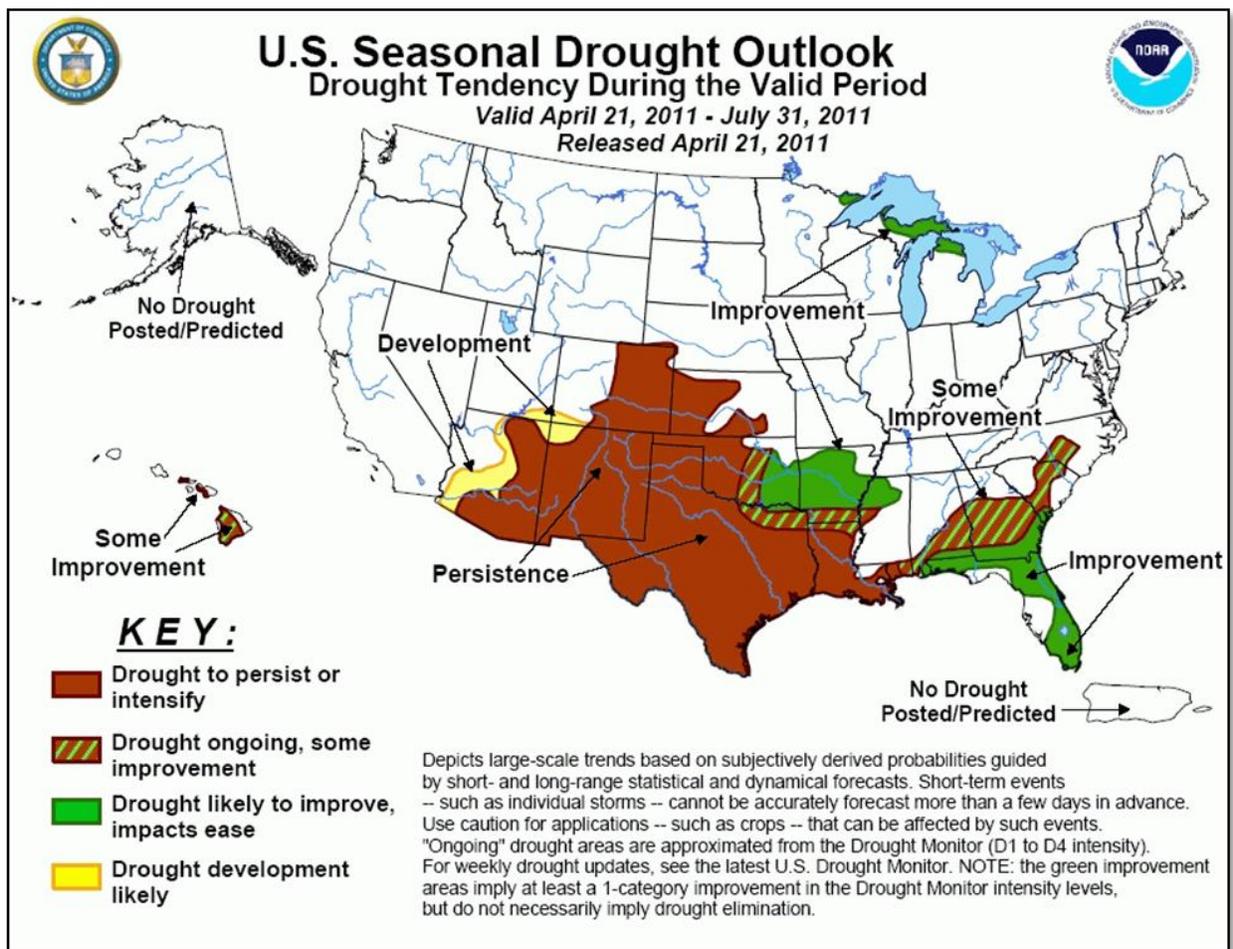
A relatively small area of an enhanced precipitation chance (greater than 40%) is depicted over northern North Dakota and far southeastern Iowa. Immediately surrounding the enhanced area, above median precipitation is expected. The remainder of the North Central Region is shown with indeterminate chances for above-normal, near-normal, and below-normal temperatures.

## Three-month Precipitation Outlook (May/June/July):



## Seasonal Drought Outlook for May through July 2011

Drought conditions are not expected over the North Central U.S. for the period of May through July.



# Seasonal Outlook Interpretation Guide

The outlooks indicate probability of being in three specific categories in reference to the 30-year climatology from 1971-2000:

Temperature		Precipitation	
<b>Social Science</b>	<b>Climate Science</b>	<b>Social Science</b>	<b>Climate Science</b>
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 1971-2000:

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"

