

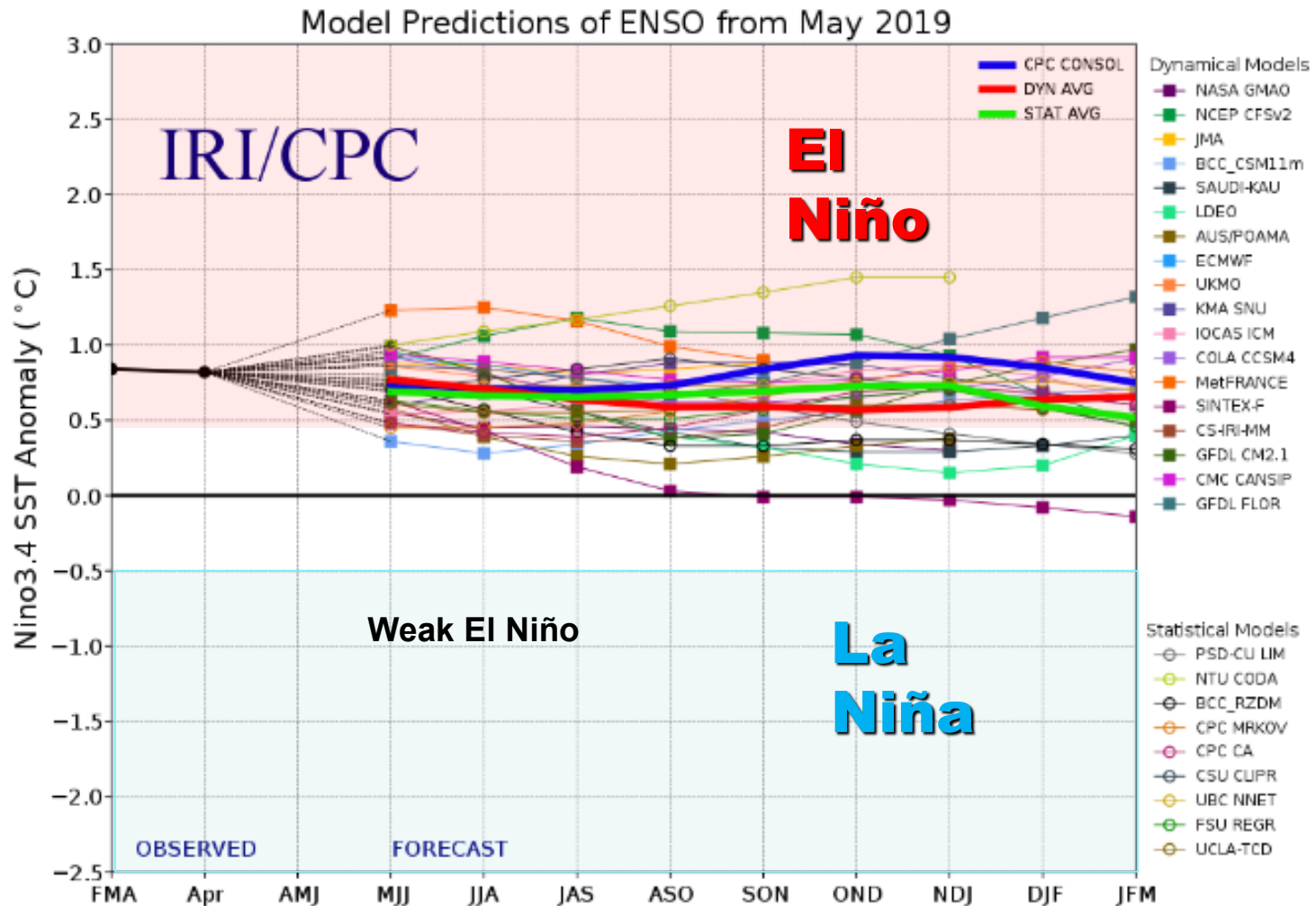


EFCC Weather Update



June 2019

El Niño/La Niña Conditions



Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack**
- **Early snowmelt**
- **Long term drought**
- **Below normal June rainfall**
- **Dry July /August**
- **Dry lightning episodes (2-3 per summer)**

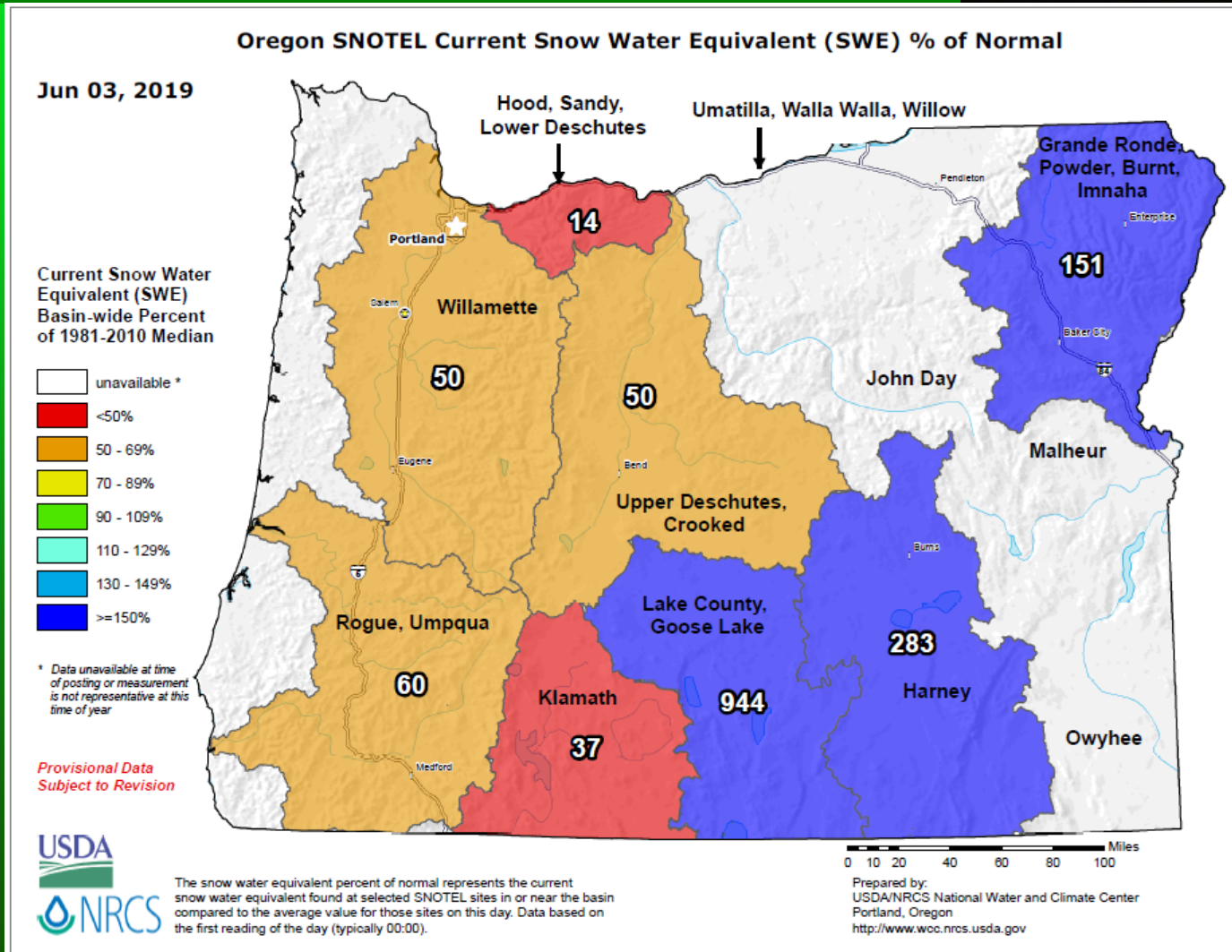
Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack**
- **Early snowmelt**
- **Long term drought**
- **Below normal June rainfall**
- **Dry July /August**
- **Dry lightning episodes (2-3 per summer)**

Snow Water Equivalent (Jun 2019)



Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt**
- **Long term drought**
- **Below normal June rainfall**
- **Dry July /August**
- **Dry lightning episodes (2-3 per summer)**

Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt**
- **Long term drought**
- **Below normal June rainfall**
- **Dry July /August**
- **Dry lightning episodes (2-3 per summer)**

Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt – Yes, Cascades west**
- **Long term drought**
- **Below normal June rainfall**
- **Dry July /August**
- **Dry lightning episodes (2-3 per summer)**

Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt – Yes, Cascades west**
- **Long term drought**
- **Below normal June rainfall**
- **Dry July /August**
- **Dry lightning episodes (2-3 per summer)**

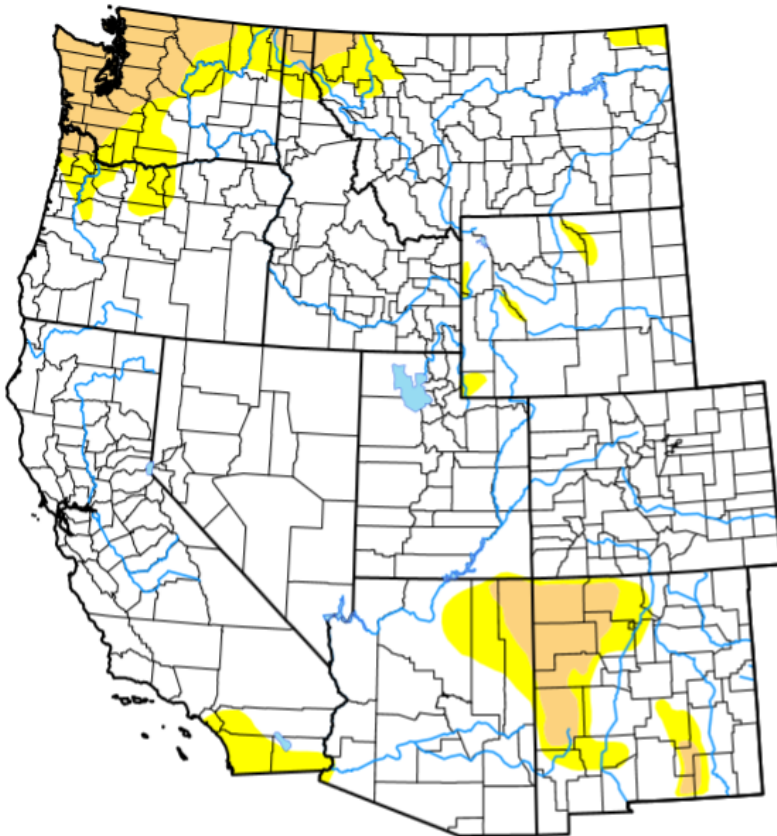
Drought Conditions (2019)






West



Map released: Thurs. May 30, 2019

Data valid: May 28, 2019 at 8 a.m. EDT



Intensity:

-  D0 - Abnormally Dry
-  D1 - Moderate Drought
-  D2 - Severe Drought

-  D3 - Extreme Drought
-  D4 - Exceptional Drought

Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt – Yes, Cascades west**
- **Long term drought - **Mostly no****
- **Below normal June rainfall**
- **Dry July /August**
- **Dry lightning episodes (2-3 per summer)**

Things to Watch For:

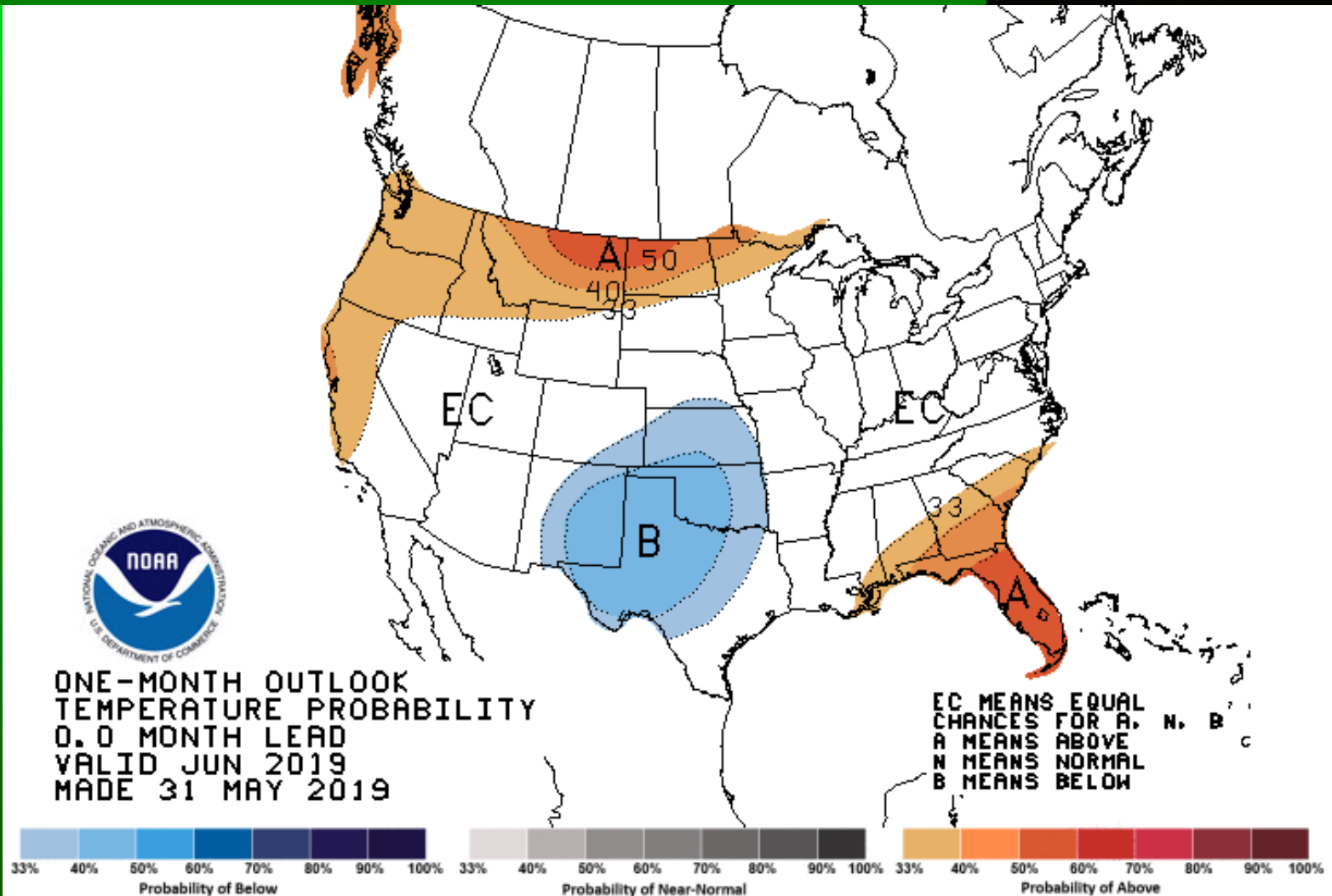


Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt – Yes, Cascades west**
- **Long term drought - Mostly no**
- **Below normal June rainfall**
- **Dry July /August**
- **Dry lightning episodes (2-3 per summer)**

0 - 30 Day Temperature Outlook

June



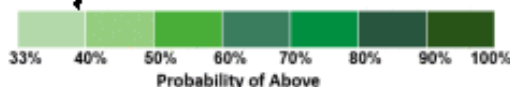
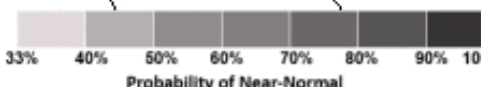
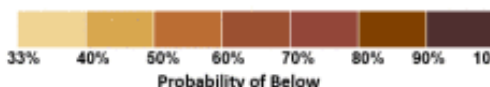
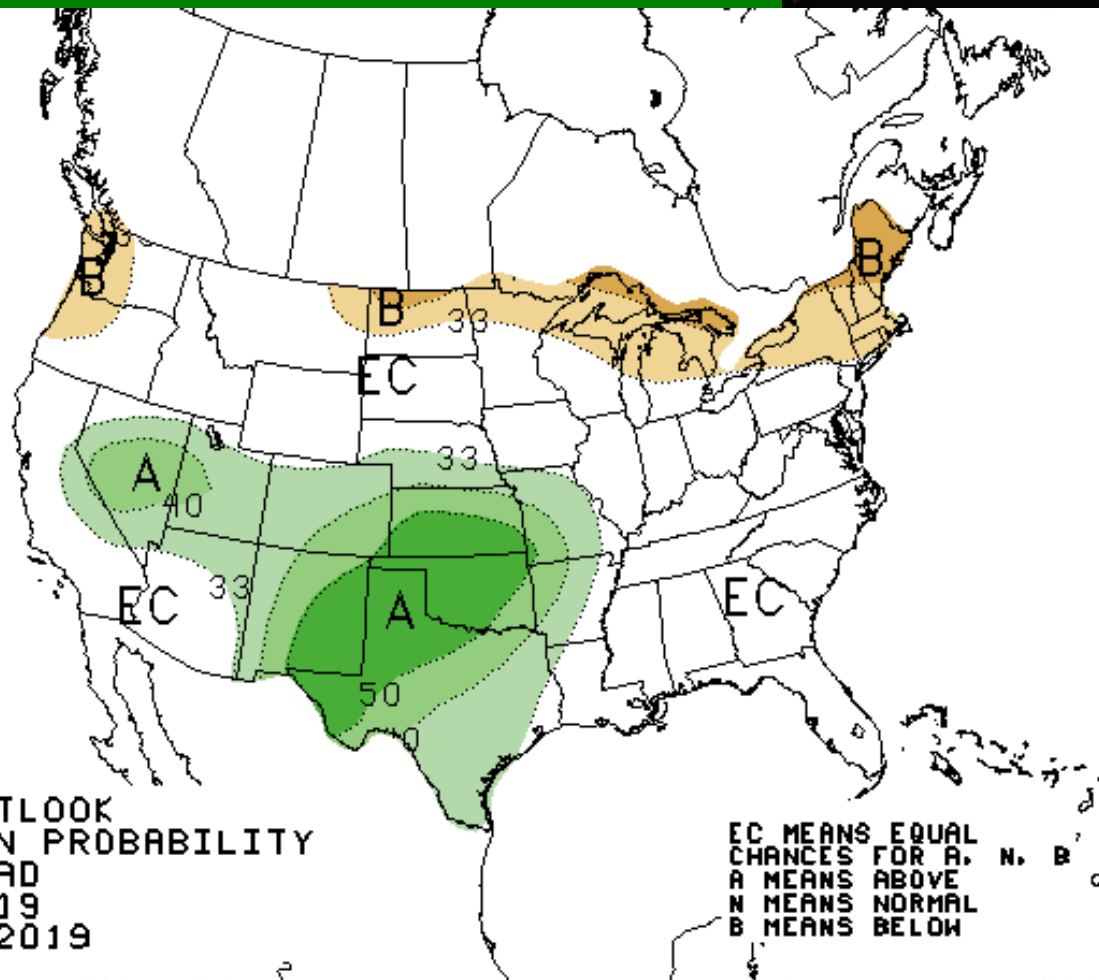
0 - 30 Day Precipitation Outlook

June



ONE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.0 MONTH LEAD
VALID JUN 2019
MADE 31 MAY 2019

EC MEANS EQUAL
CHANCES FOR A, N, B
A MEANS ABOVE
N MEANS NORMAL
B MEANS BELOW

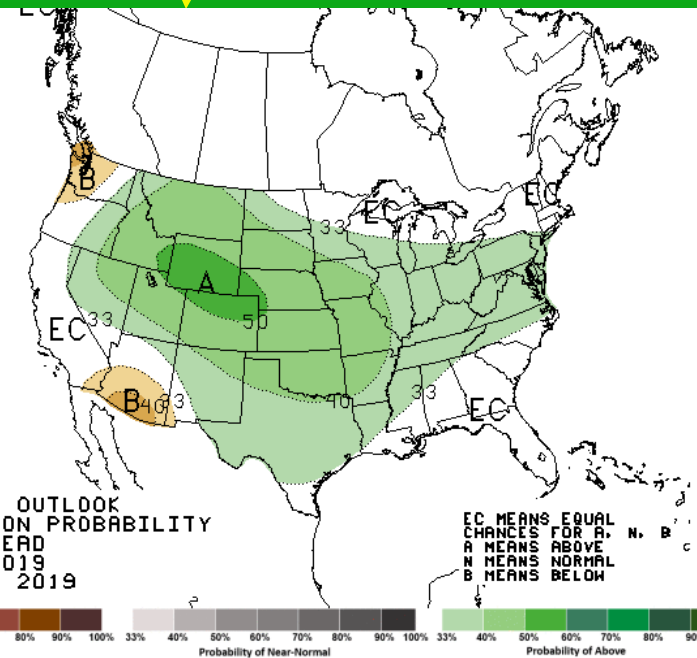
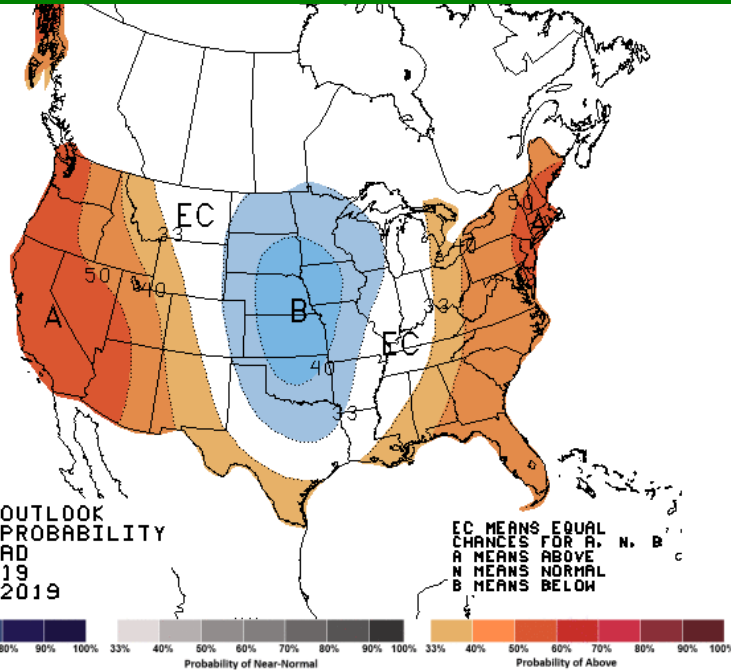


Summer Outlook



June/July/August

← Temperature
↓ Precipitation



EC = Equal Chance of above or below average
A = Above Average
N = Normal
B = Below Average
33, 40, 50 = Probability of occurrence

Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt – Yes, Cascades west**
- **Long term drought - Mostly no**
- **Below normal June rainfall - Possible, west side**
- **Dry July /August - Possible, west side**
- **Dry lightning episodes (2-3 per summer)**

Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt – Yes, Cascades west**
- **Long term drought - Mostly no**
- **Below normal June rainfall - Possible, west side**
- **Dry July /August - Possible, west side**
- **Dry lightning episodes (2-3 per summer)**

Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – No**
- **Early snowmelt – Yes, Cascades west**
- **Long term drought - Mostly no**
- **Below normal June rainfall - Possible, west side**
- **Dry July /August - Possible, west side**
- **Dry lightning episodes (2-3 per summer)**

No Forecasting Techniques Available

Bottom Line:



Bottom Line:



● **Weak El Niño with little change**

Bottom Line:



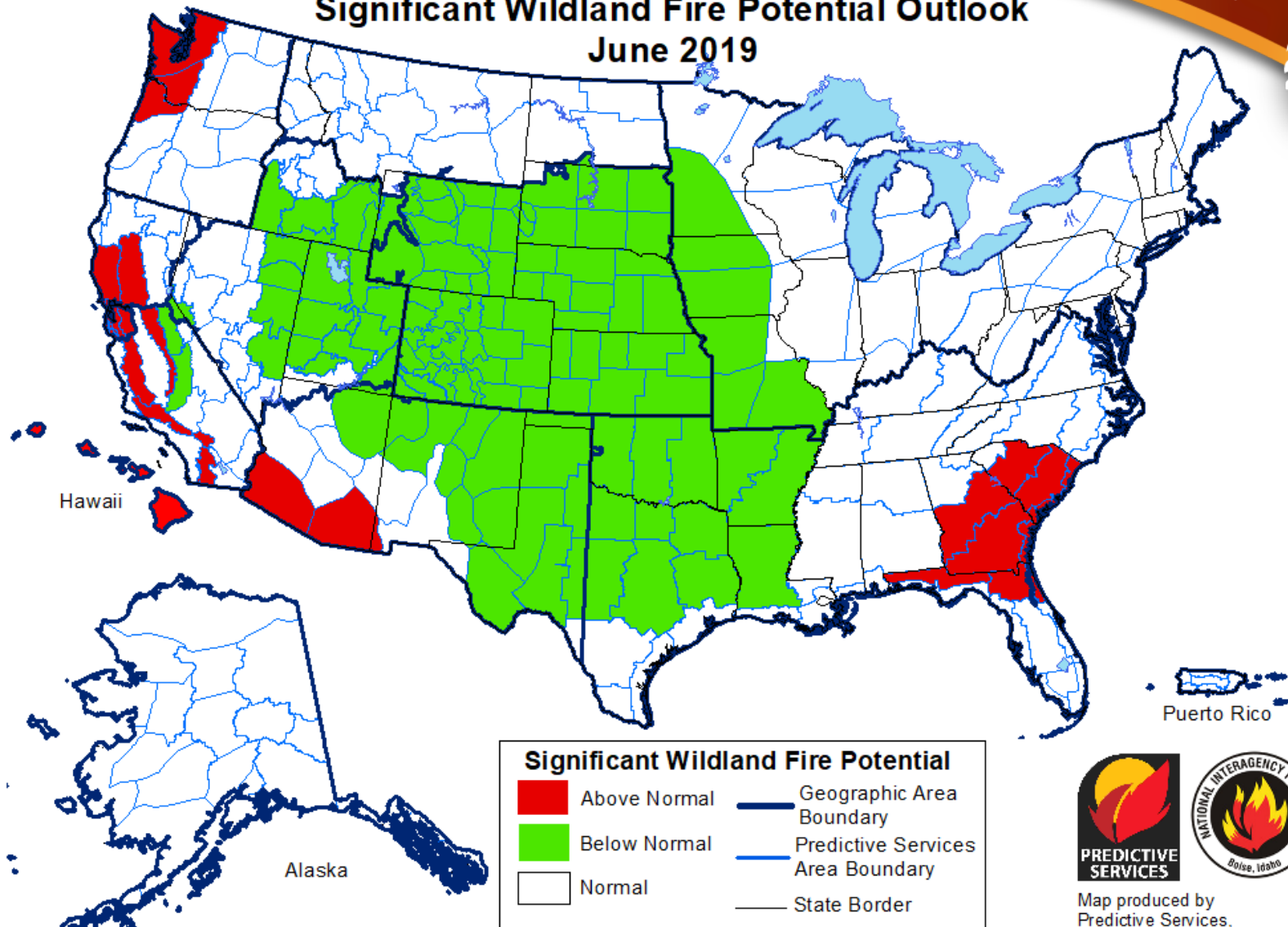
- **Weak El Niño with little change**
- **Indicators show drier conditions in the Cascades, west and wetter conditions east of the Cascades**

Bottom Line:



- **Weak El Niño with little change**
- **Indicators show drier conditions in the Cascades, west and wetter conditions east of the Cascades**
- **Expect a likelihood of above normal fire season Cascades, west**

Significant Wildland Fire Potential Outlook June 2019



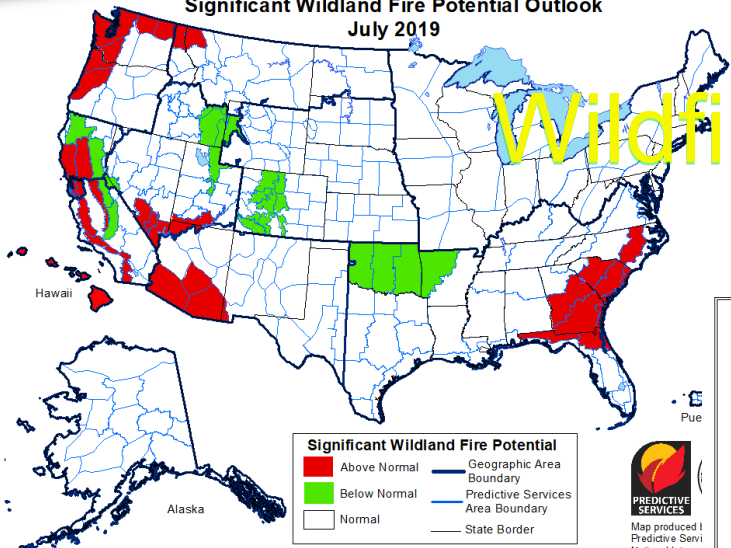
Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.



Map produced by
Predictive Services,
National Interagency Fire Center
Boise, Idaho
Issued June 1, 2019
Next issuance July 1, 2019



**Significant Wildland Fire Potential Outlook
July 2019**



Significant Wildland Fire Potential

- Above Normal
- Below Normal
- Normal
- Geographic Area Boundary
- Predictive Services Area Boundary
- State Border



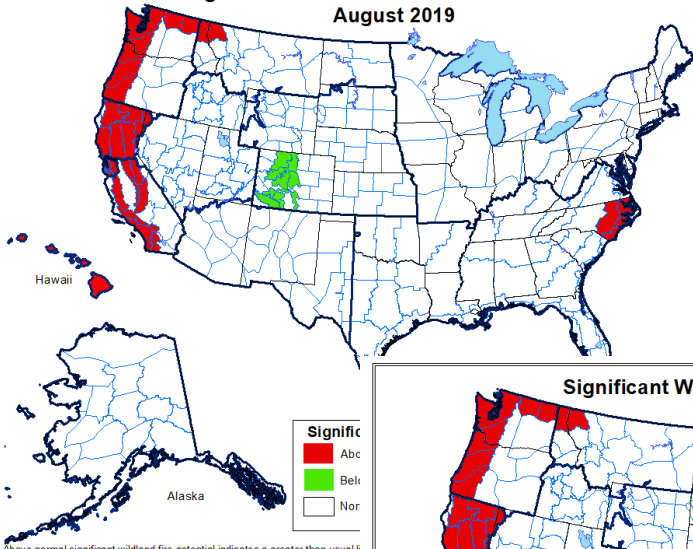
Map produced by
Predictive Services
National Interagency
Fire Center
Boise, Idaho
Issued June 11, 2019
Next issuance June 18, 2019

Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.

Wildfire Risk



**Significant Wildland Fire Potential Outlook
August 2019**

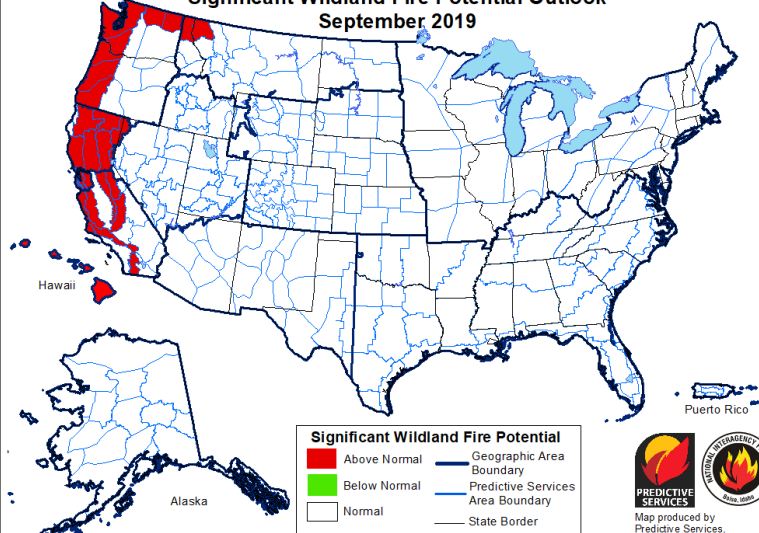


Signific

- Abc
- Bel
- Nor

Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.

**Significant Wildland Fire Potential Outlook
September 2019**



Significant Wildland Fire Potential

- Above Normal
- Below Normal
- Normal
- Geographic Area Boundary
- Predictive Services Area Boundary
- State Border



Map produced by
Predictive Services,
National Interagency Fire Center
Boise, Idaho
Issued June 11, 2019
Next issuance July 1, 2019

Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.

Significant Wildland Fire Potential

- Above Normal
- Below Normal
- Normal
- Geographic Area Boundary
- Predictive Services Area Boundary
- State Border



EFCC Weather Update



Nick.J.Yonker@Oregon.gov



EFCC Weather Update



Nick.J.Yonker@Oregon.gov