

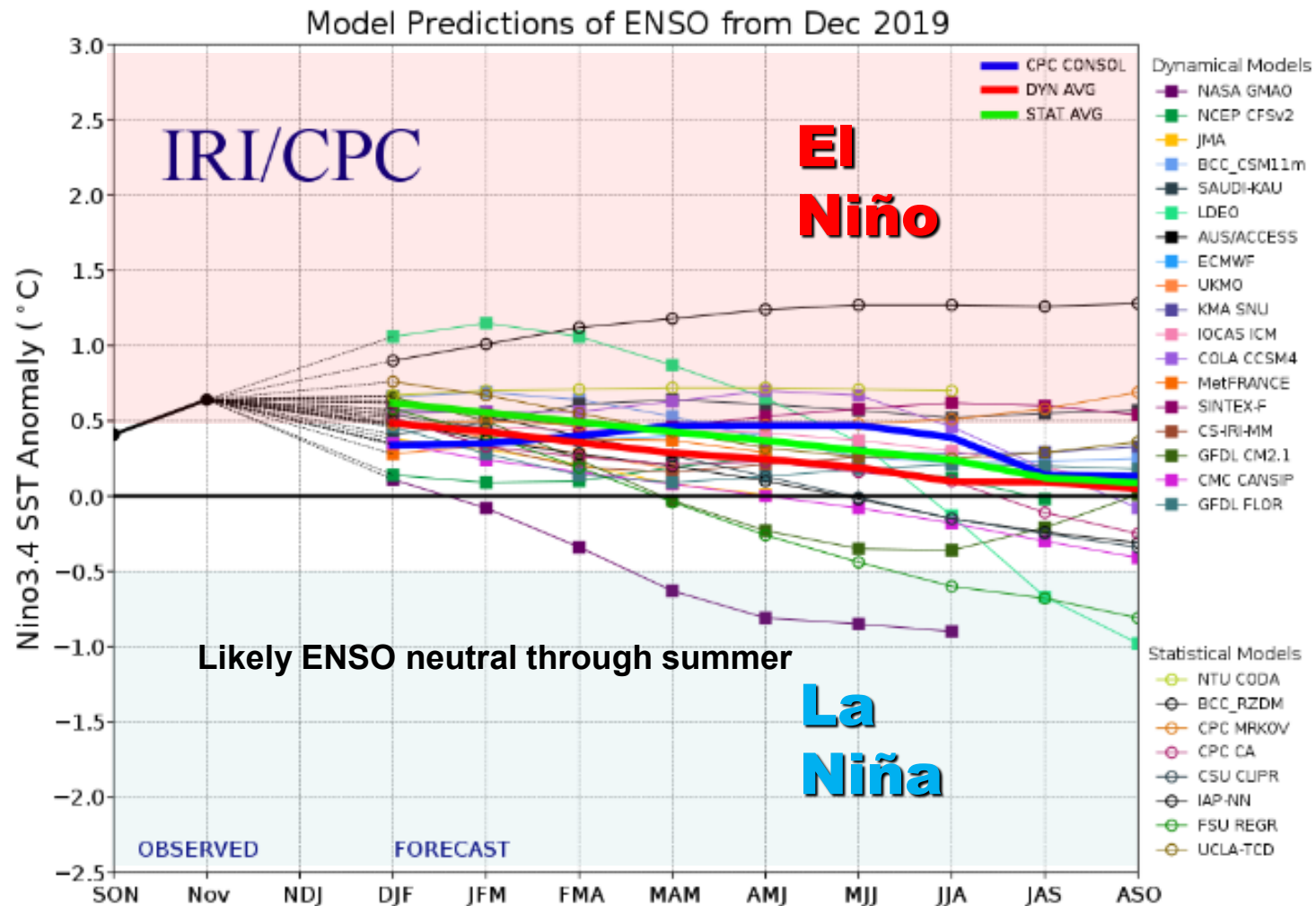


EFCC Weather Update



January 2020

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)**

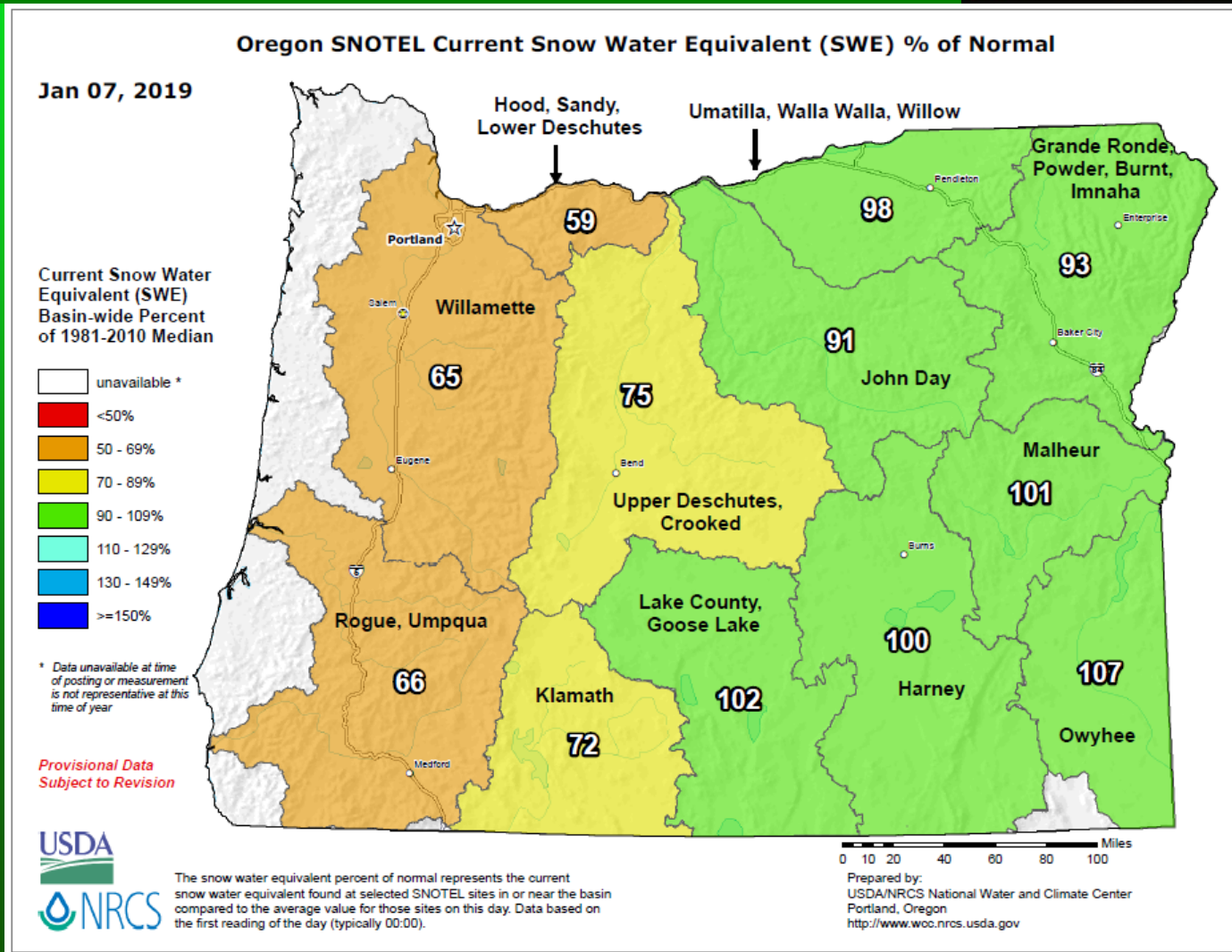
Things to Watch For:



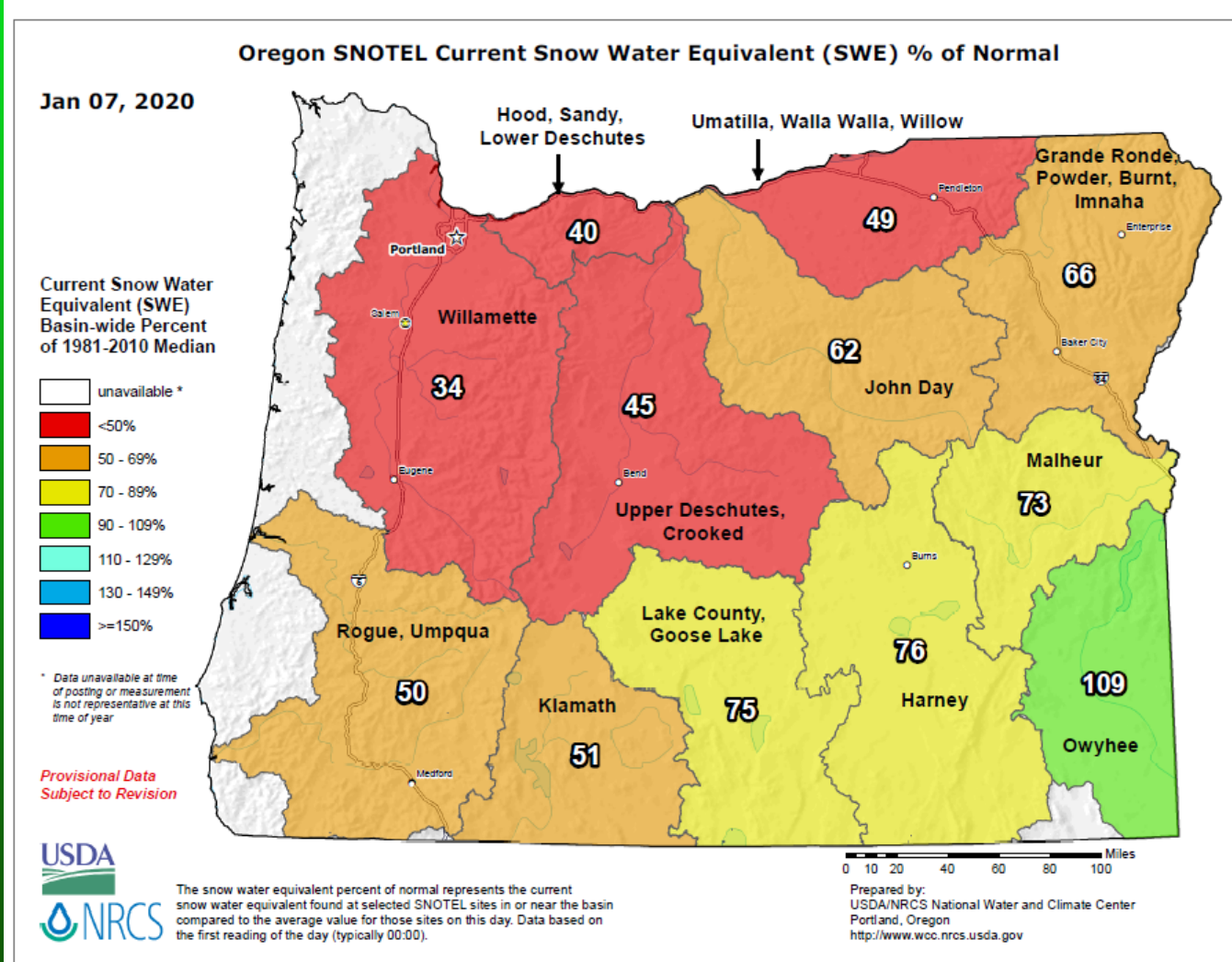
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Snow Water Equivalent (2019)



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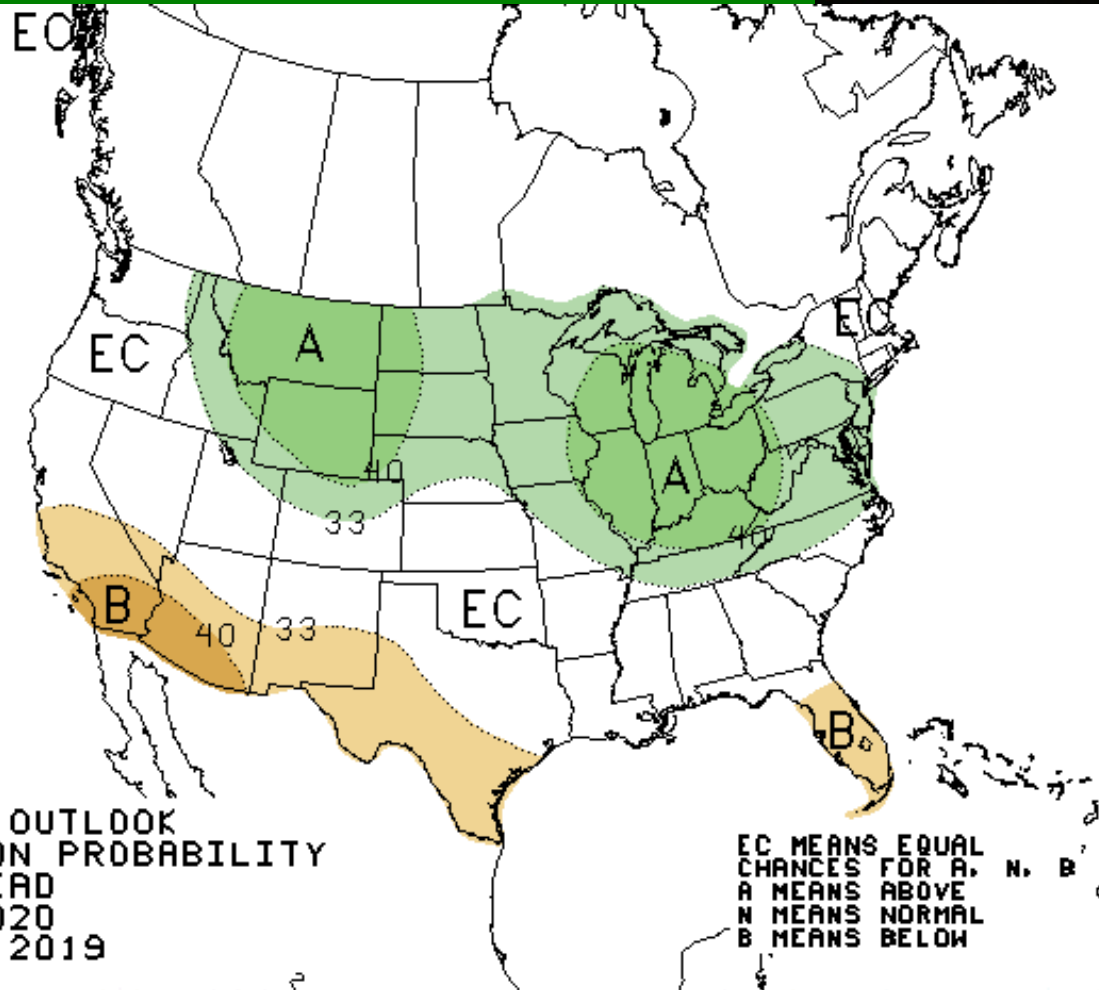


Weather Elements for Severe Fire Season (NWCC)

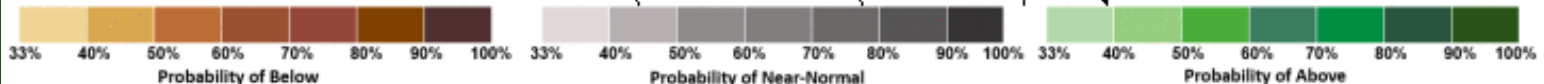
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0 - 90 Day Precipitation Outlook

Jan-Feb-Mar

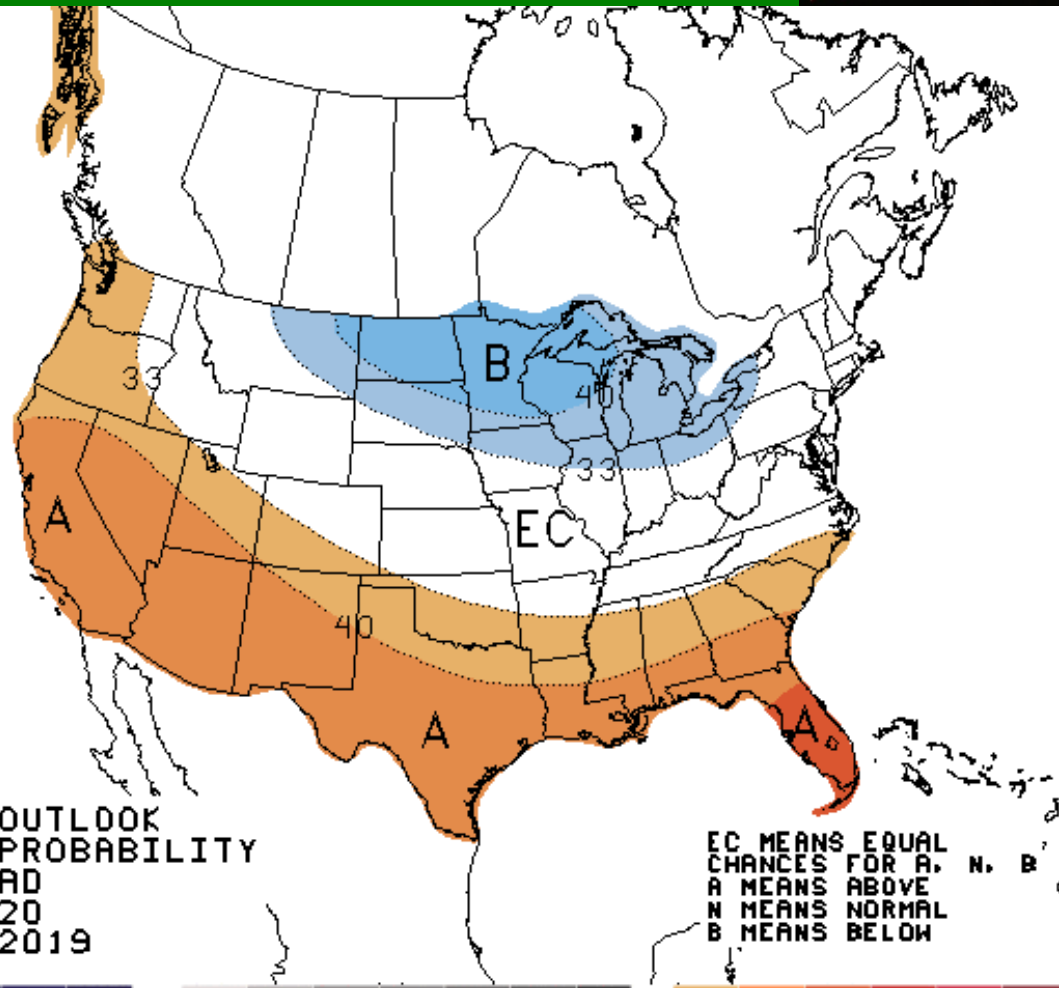


THREE-MONTH OUTLOOK
PRECIPITATION PROBABILITY
0.5 MONTH LEAD
VALID JFM 2020
MADE 19 DEC 2019

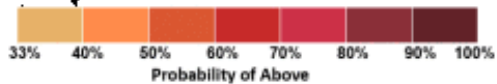


0 - 90 Day Temperature Outlook

Jan-Feb-Mar

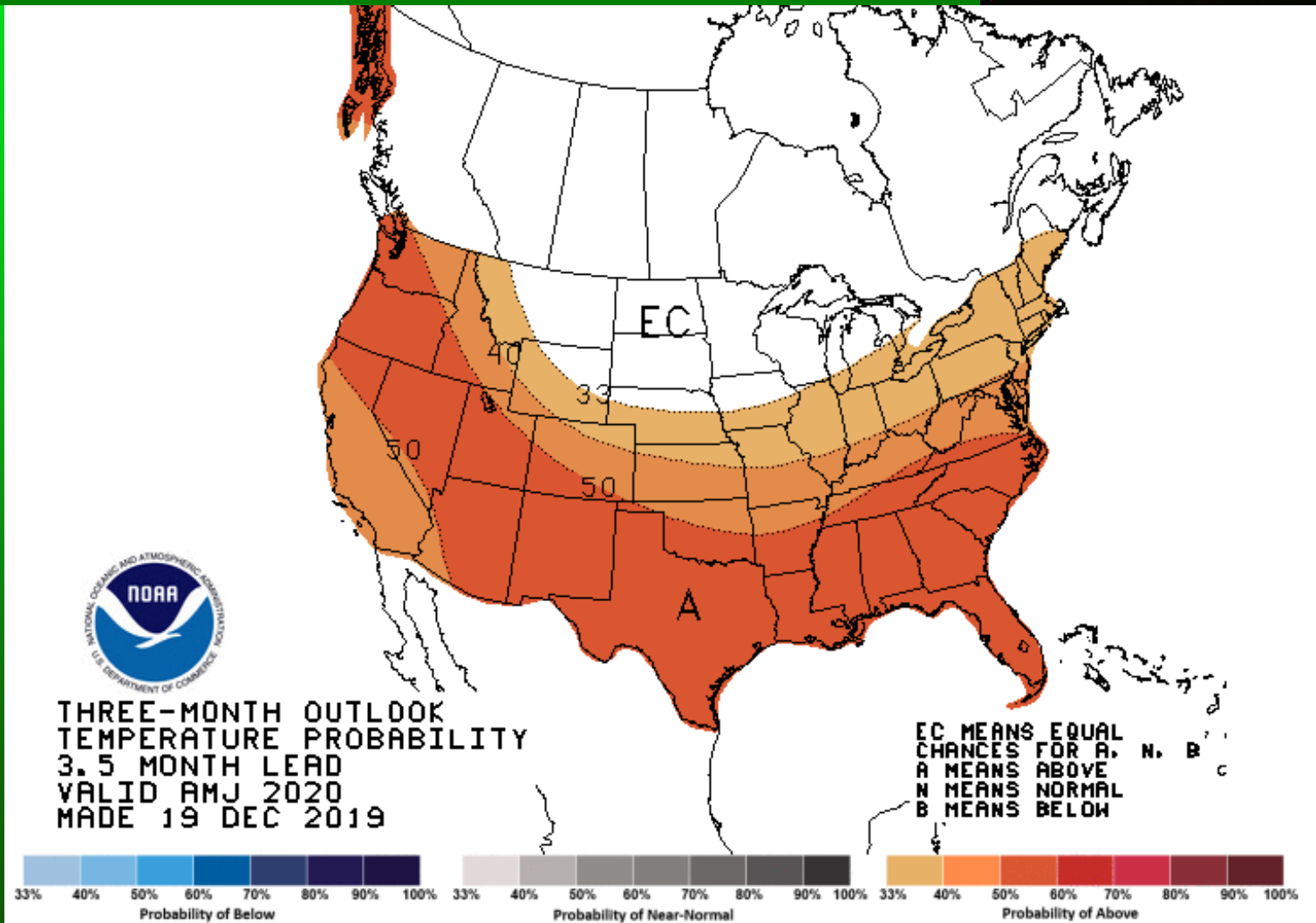


THREE-MONTH OUTLOOK
TEMPERATURE PROBABILITY
0.5 MONTH LEAD
VALID JFM 2020
MADE 19 DEC 2019



90+ Day Temperature Outlook

April-May-June



Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

- **Below normal snowpack – Yes**
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Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

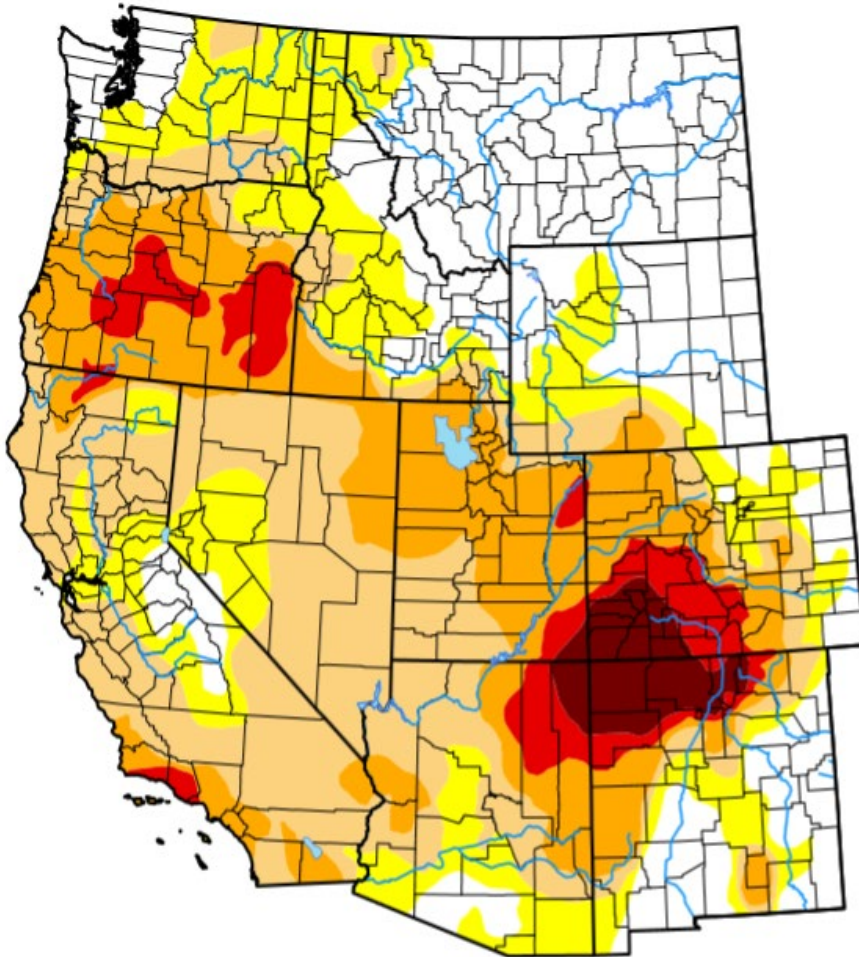
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Drought Conditions (2019)








Map released: Thurs. January 3, 2019

Data valid: January 1, 2019 at 7 a.m. EST



Intensity:

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

-  D3 - Extreme Drought
-  D4 - Exceptional Drought

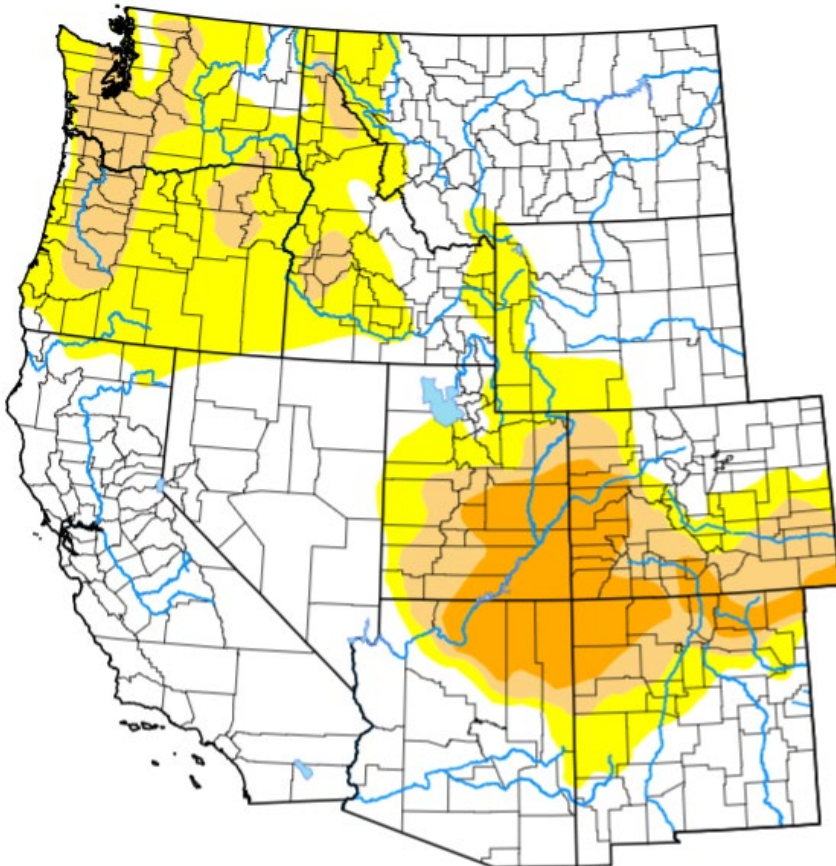
Drought Conditions (2020)






West



Map released: Thurs. January 2, 2020

Data valid: December 31, 2019 at 7 a.m. EST



Intensity:

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Things to Watch For:



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Things to Watch For:



Weather Elements for Severe Fire Season (NWCC)

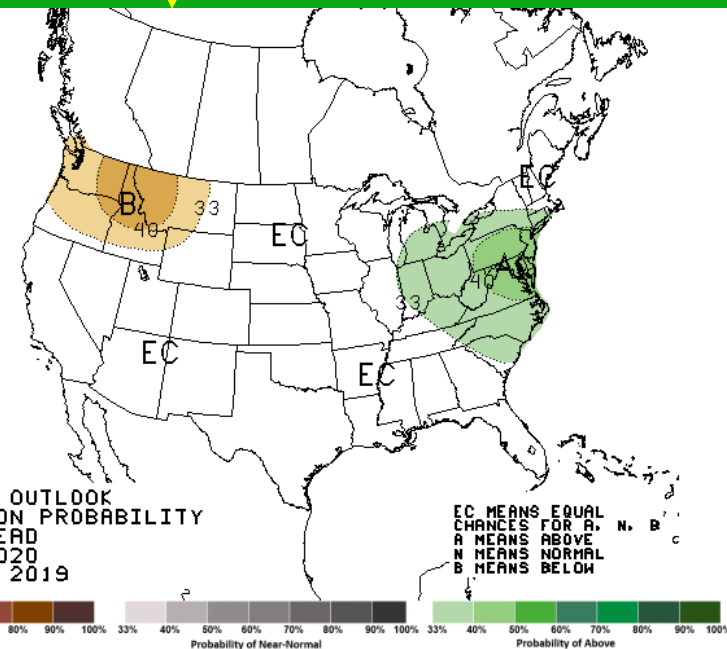
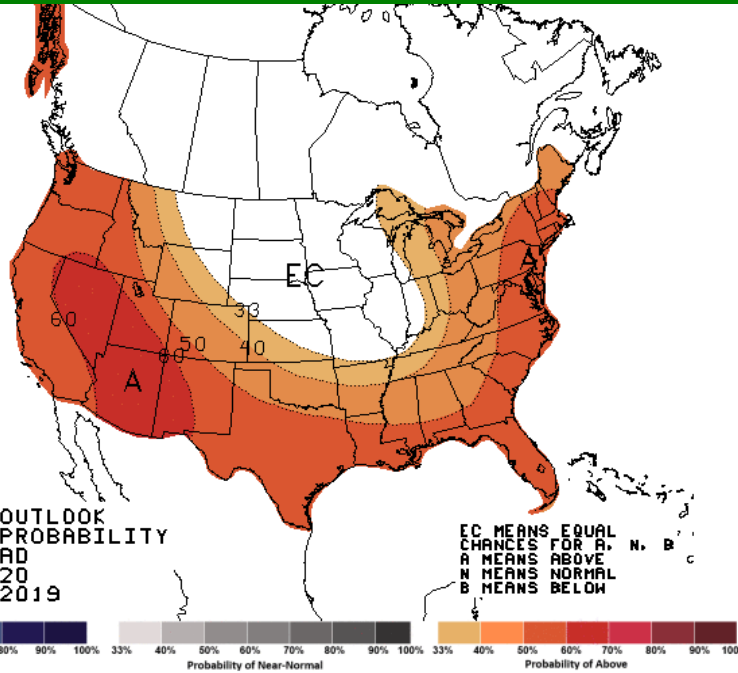
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Summer Outlook



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 – Yes**
- **Early snowmelt – Likely**
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- **Below normal June rainfall - Possible**
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No Forecasting Techniques Available

Bottom Line:



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● **Likely ENSO neutral developing and continuing through summer.**

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- **Low snowpack and early melt out is main concern.**

Bottom Line:



- **Likely ENSO neutral developing and continuing through summer.**
- **Low snowpack and early melt out is main concern.**
- **Lean toward a normal to potentially above normal fire season.**



EFCC Weather Update



Nick.J.Yonker@Oregon.gov