



Status of Water Supplies

Water Resources and Watershed Committee
February 10, 2021
Item 3.2

Overview

Water Supply Update

- 2021 Update
 - Drought Classification
 - River Index
 - Snowpack
 - Precipitation
 - Weather Forecast

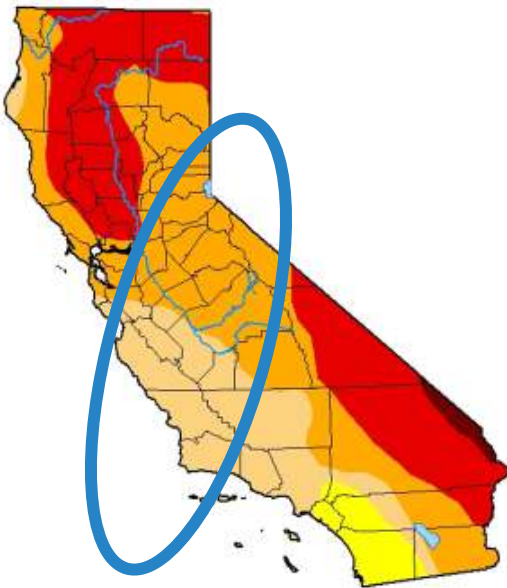


2021 Drought Classification

January 5, 2021

(Released Thursday, Jan. 7, 2021)

Valid 7 a.m. EST

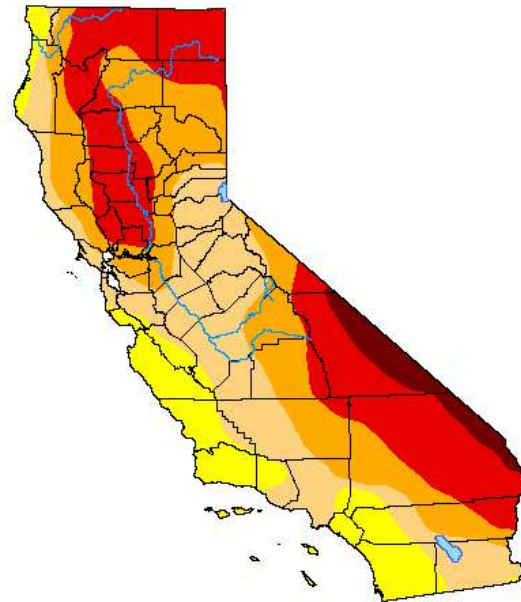


**U.S. Drought Monitor
California**







February 2, 2021

(Released Thursday, Feb. 4, 2021)

Valid 7 a.m. EST



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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droughtmonitor.unl.edu

RUNOFF DATA FOR WATER YEAR 2021

	<i>JANUARY</i>	<i>JANUARY</i>			<i>OCTOBER-JANUARY</i>	<i>OCTOBER-JANUARY</i>		
	IMPAIRED	UNIMPAIRED RUNOFF			IMPAIRED	UNIMPAIRED RUNOFF		
Area, Stream, and Station (1)	Measured Flow (2) 1000 AF	50-Year Avg (3) 1000 AF	Monthly Total 1000 AF	Monthly % Avg	Measured Flow (2) 1000 AF	50-Year Avg (3) 1000 AF	Seasonal Total 1000 AF	Seasonal % Avg
SACRAMENTO RIVER								
* SACRAMENTO R AT DELTA	24.2	118.6	24.2	20	61.4	260.5	61.4	24
* MCCLOUD R ABOVE SHASTA LAKE	24.7	139.4	60.2	43	82.0	379.5	225.5	59
* PIT R NR MONTGOMERY & SQUAW CR	181.6	332.5	161.7	49	660.8	935.0	548.7	59
* SHASTA LAKE TOTAL INFLOW	271.7	782.1	264.1	34	847.9	1936.9	823.2	42
SACRAMENTO R ABOVE BEND BRIDGE	285.8	1262.1	374.9	30	1301.0	2945.2	1162.5	39
FEATHER R AT OROVILLE	77.1	557.8	142.8	26	475.8	1240.2	393.7	32
YUBA R NR SMARTVILLE & DEER CR	44.1	296.7	51.2	17	218.8	620.8	136.3	22
AMERICAN R BLW FOLSOM LAKE	68.7	338.7	61.8	18	317.0	657.7	111.6	17
<i>SUBTOTAL</i>	475.6	2455.3	630.6	26	2312.7	5464.0	1804.0	33
SAN JOAQUIN RIVER								
COSUMNES R AT MICHIGAN BAR	10.7	64.2	11.7	18	16.0	104.8	18.5	18
MOKELUMNE R, INFL TO PARDEE RES	15.7	62.5	9.1	15	109.2	125.7	18.5	15
STANISLAUS R BELOW GOODWIN RES	13.5	101.6	25.0	25	77.2	195.7	48.6	25
TUOLUMNE R BELOW LA GRANGE RES	10.9	149.4	17.1	11	54.6	308.0	37.6	12
MERCED R BELOW MERCED FALLS	13.8	80.9	20.2	25	93.0	149.1	35.8	24
SAN JOAQUIN R BELOW MILLERTON L	11.7	100.8	22.6	22	154.6	217.6	55.7	26
<i>SUBTOTAL</i>	76.2	559.4	105.7	19	504.6	1101.0	214.7	19



Statewide Summary of Snow Water Content

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of February 4, 2021	
Number of Stations Reporting	32
Average snow water equivalent (Inches)	13.4
Percent of April 1 Average (%)	47
Percent of normal for this date (%)	70

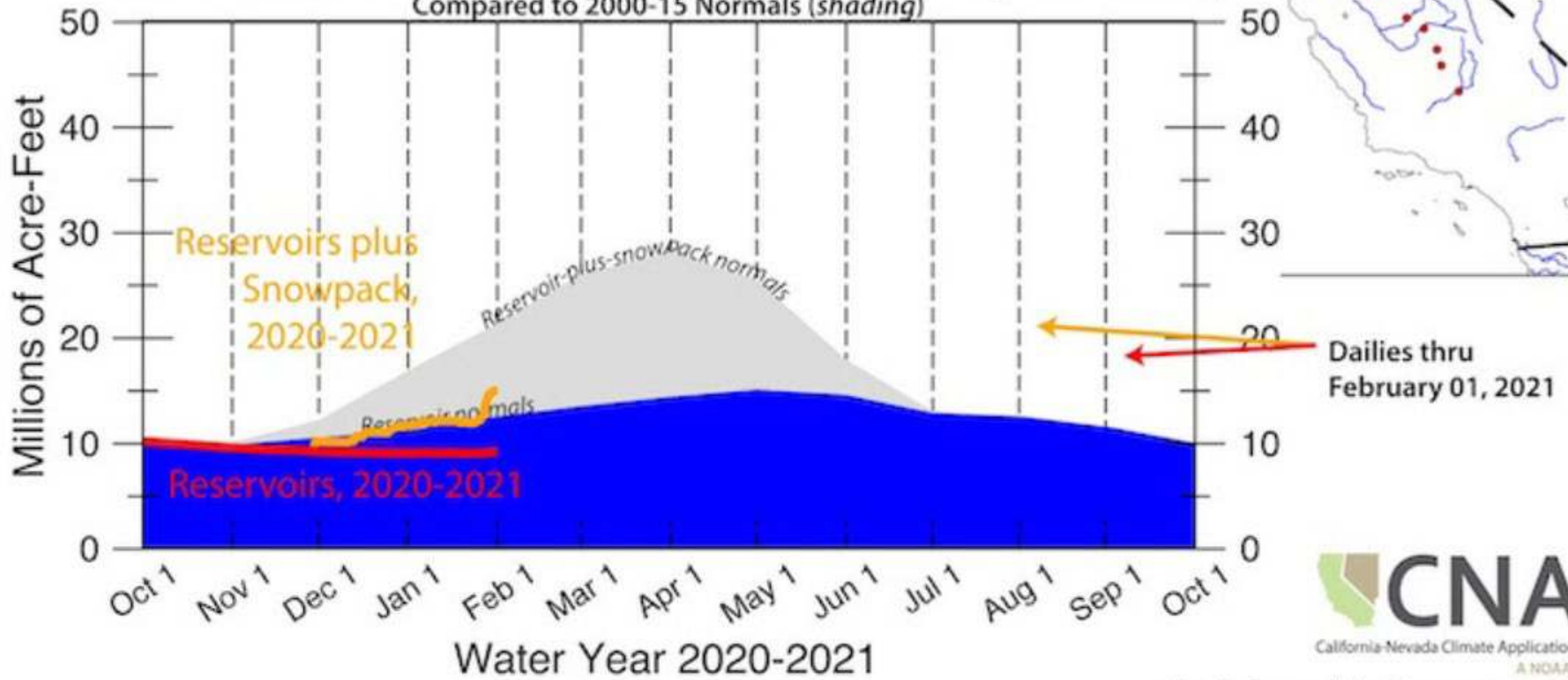
CENTRAL	
Data as of February 4, 2021	
Number of Stations Reporting	42
Average snow water equivalent (Inches)	14.5
Percent of April 1 Average (%)	50
Percent of normal for this date (%)	76

SOUTH	
Data as of February 4, 2021	
Number of Stations Reporting	25
Average snow water equivalent (Inches)	8.8
Percent of April 1 Average (%)	36
Percent of normal for this date (%)	58

STATE	
Data as of February 4, 2021	
Number of Stations Reporting	99
Average snow water equivalent (Inches)	12.7
Percent of April 1 Average (%)	46
Percent of normal for this date (%)	71

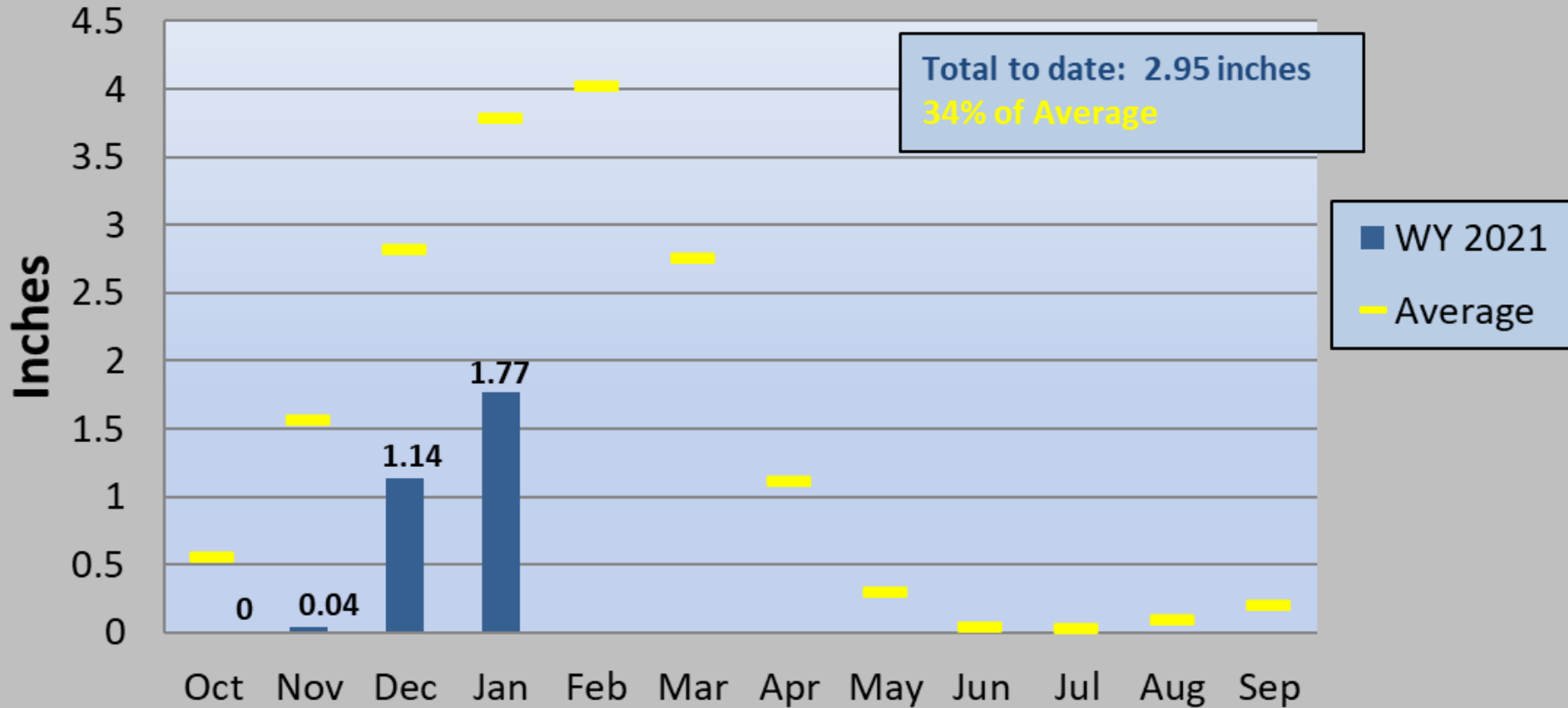
Water Stored in 28 Western Sierra Reservoirs plus Snowpack

Compared to 2000-15 Normals (shading)

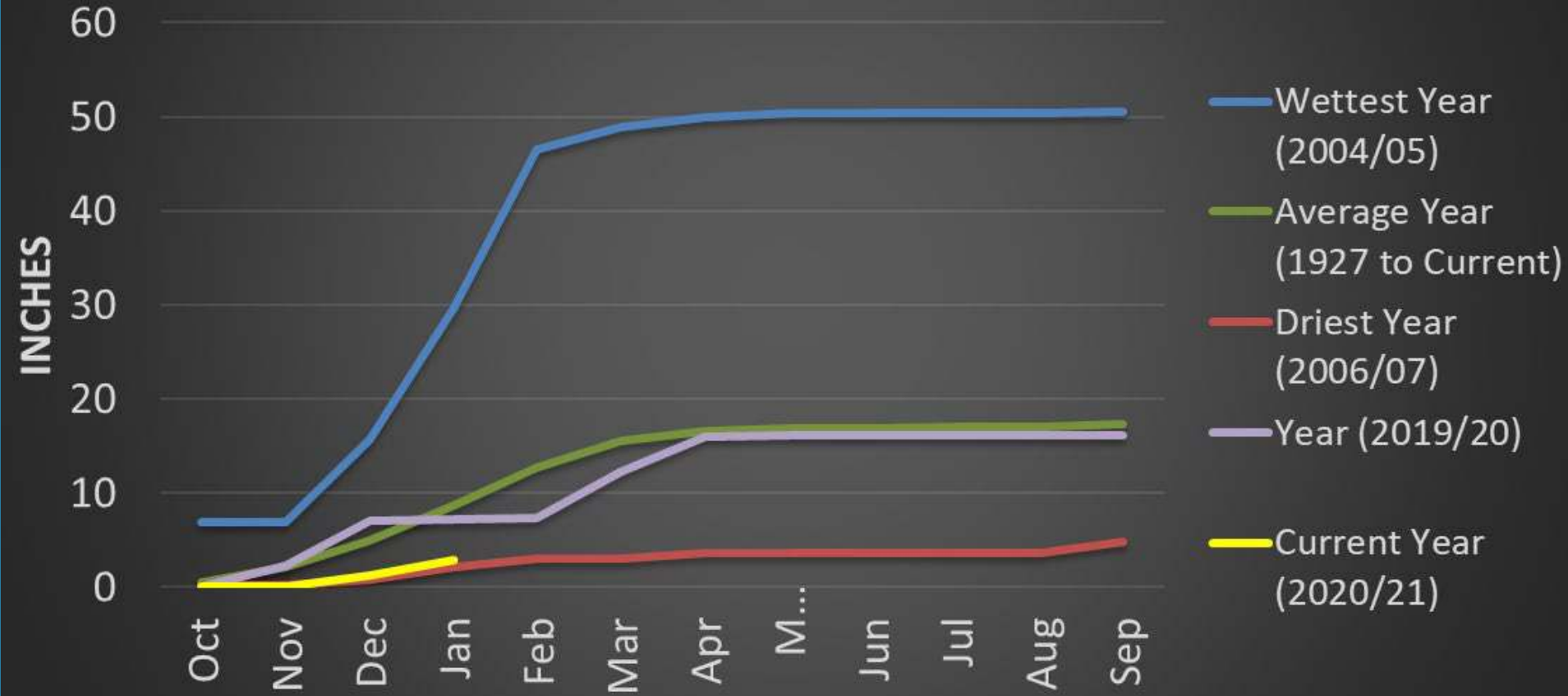


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SCV Precipitation Water Year 2021

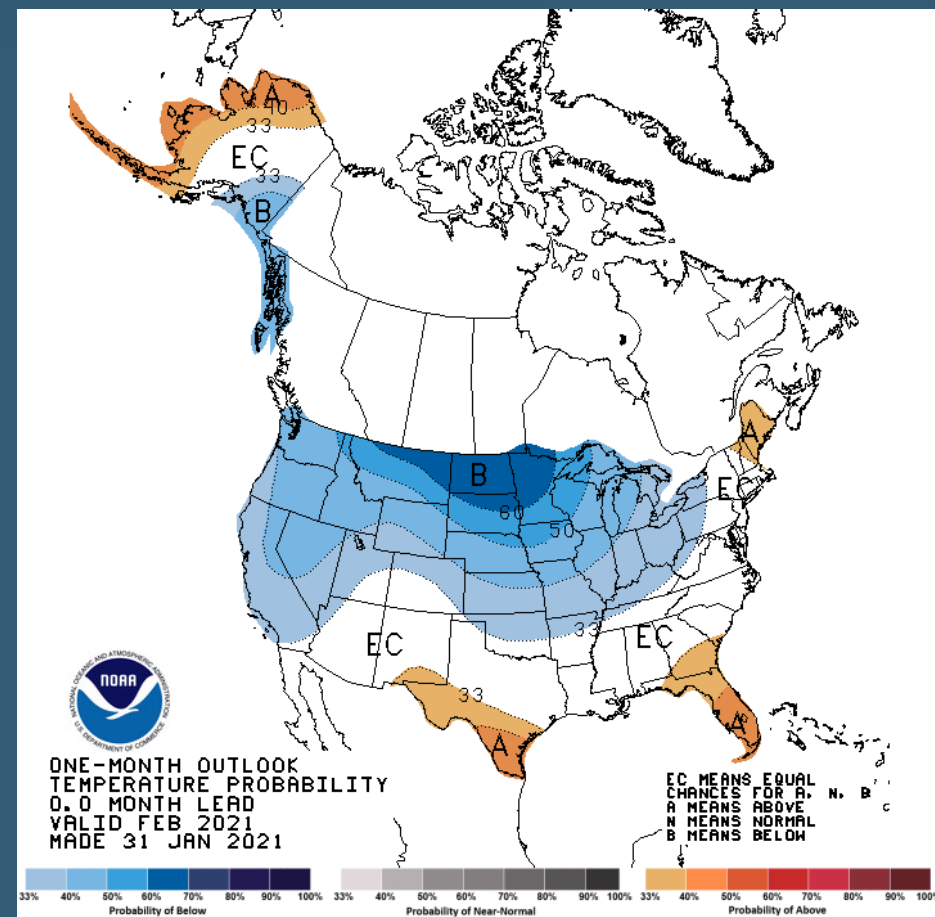


SCV Historical Rainfall

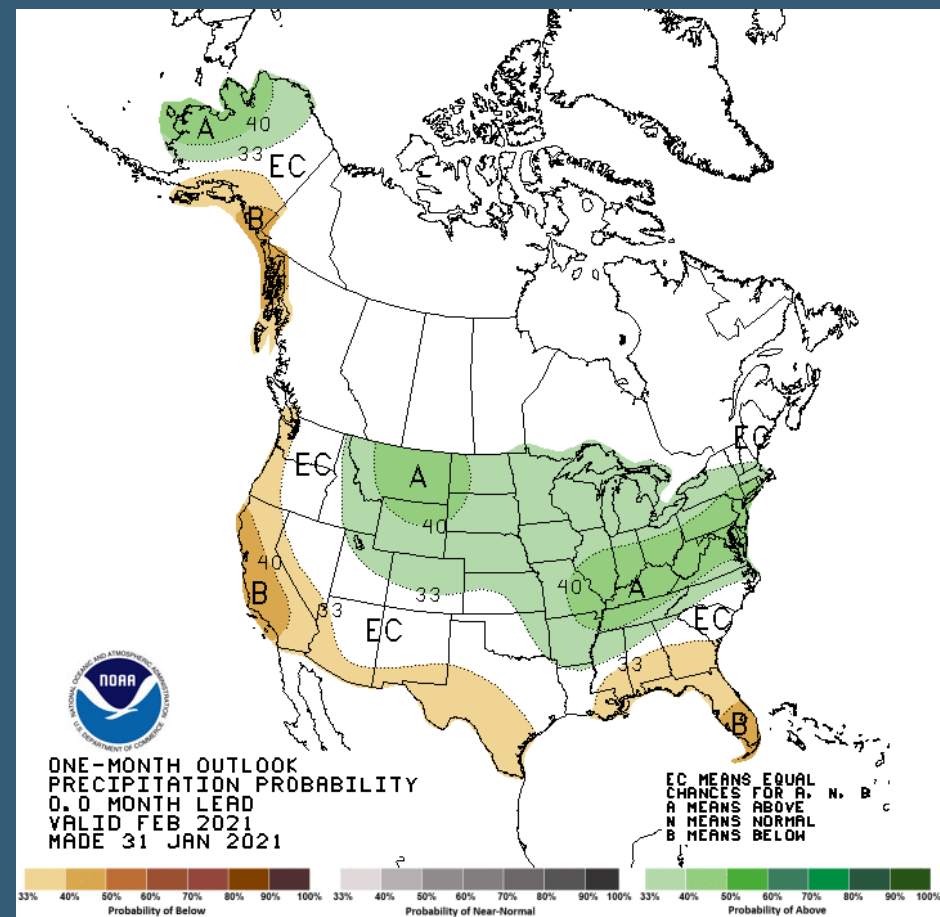


30 Day Forecast (Feb)

Temperature



Precipitation



Questions?

