

Summer Weather Outlook



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*Feb 1 2020
Peavine Fire:
Then and Now*

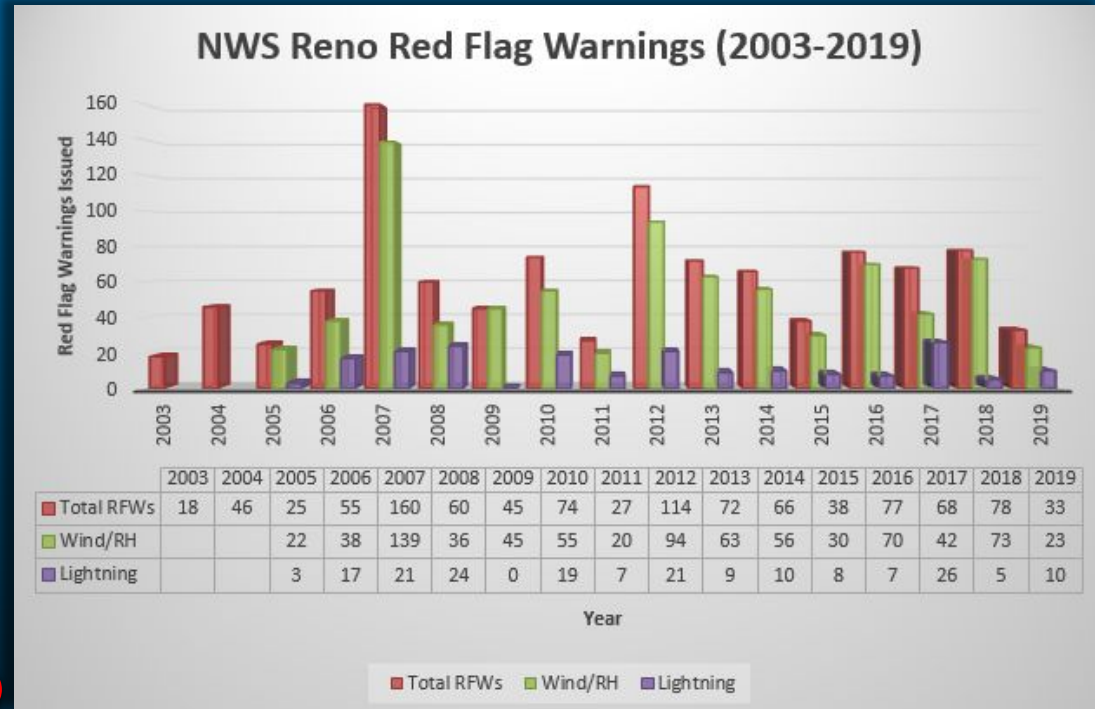


Reno National Weather Service
Forecasting for the Sierra and western Nevada since 1905



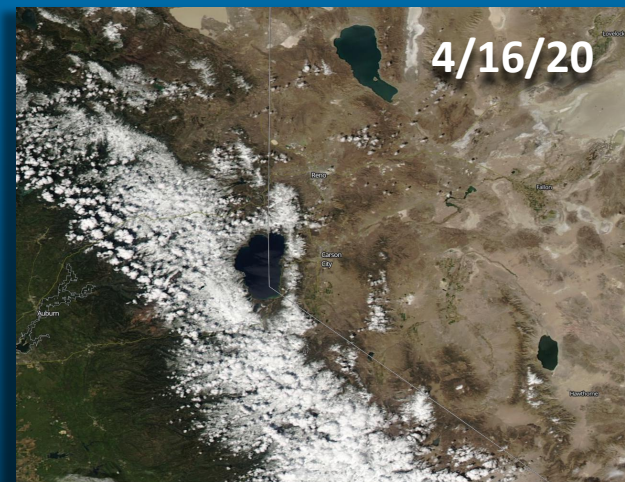
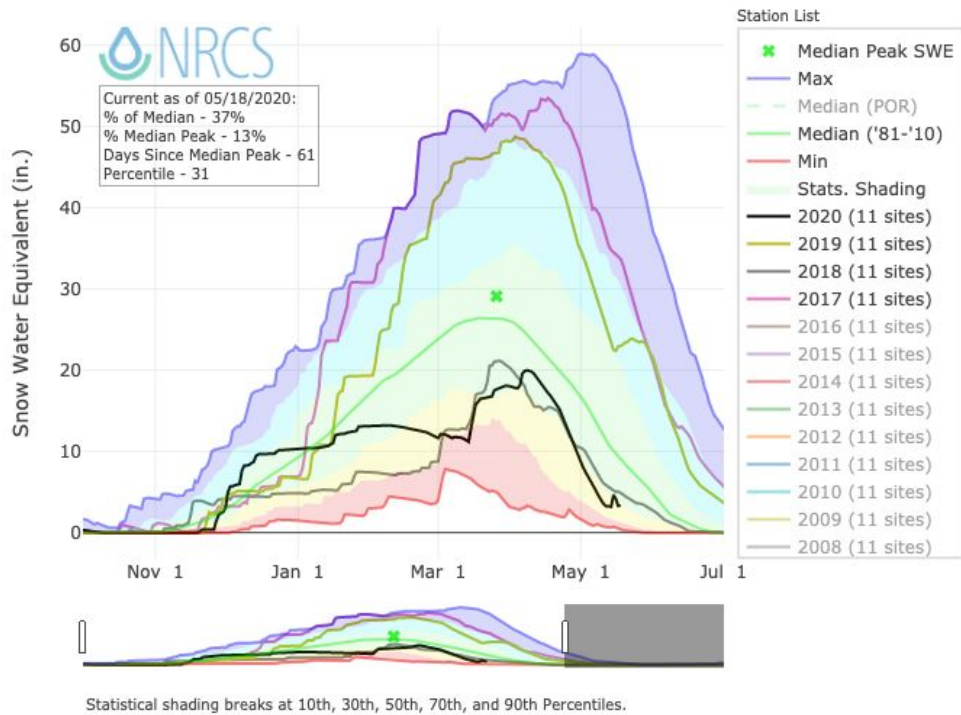
Last Year's Fire Weather Season in Context

Sierra Front Fire Weather Zone		
YEAR	NUM RED FLAG DAYS	
2019	8	
2018	16	
2017	14	
2016	21	
2015	8	
2014	16	
2013	14	
2012	26	
2011	7	
2010	14	
2009	7	
AVE	13.7	
STDDEV	6.1	
TOTAL	151	



Dry Winter, So-So Spring

Snow Water Equivalent for the Truckee River Basin



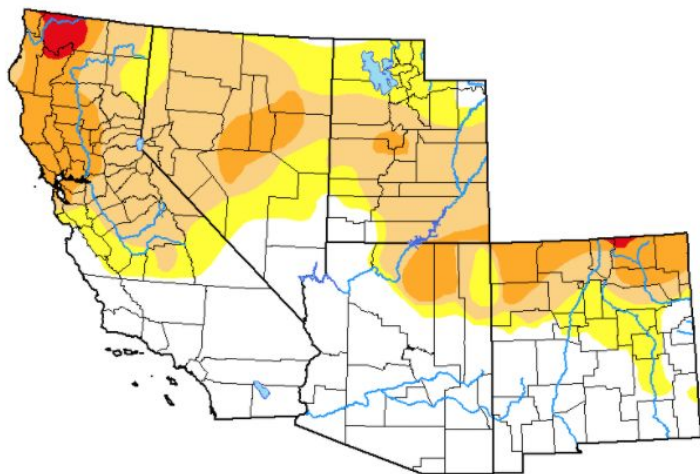
Drought Developing Across the Region

Drought Classification

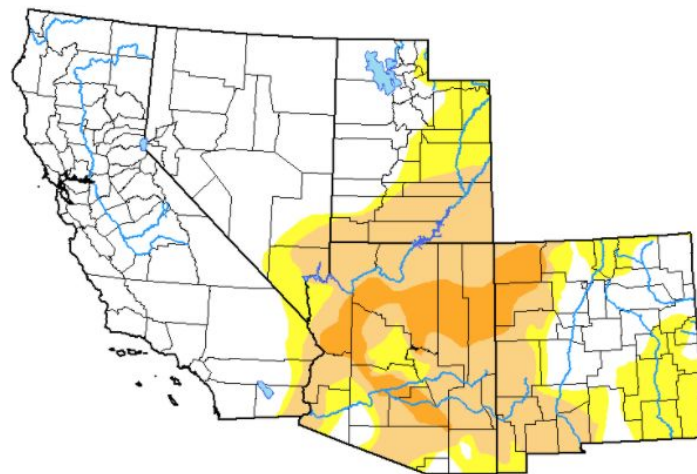
- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)

- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

May 12, 2020



October 1, 2019



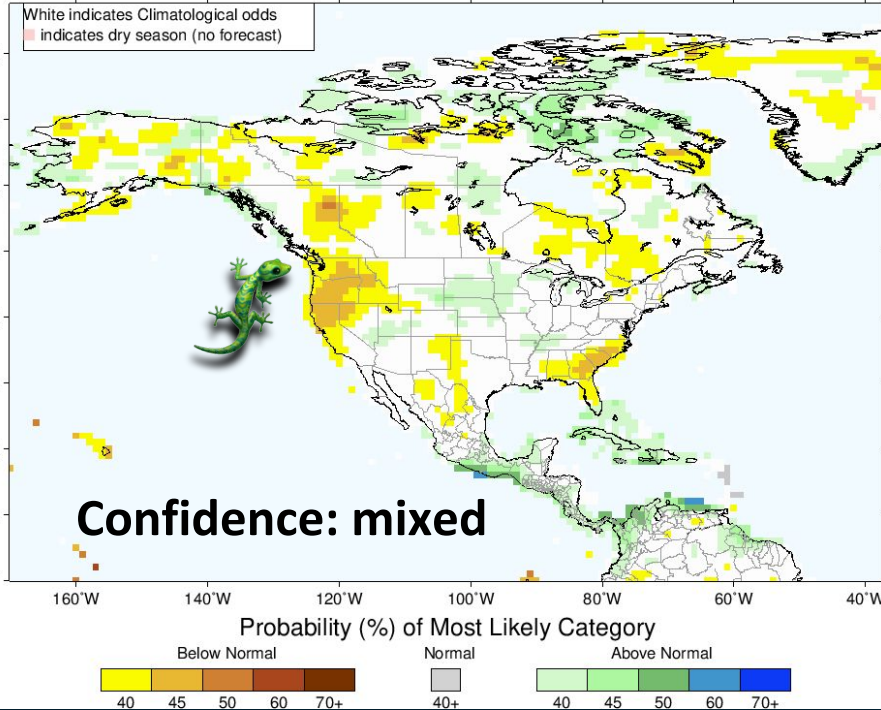
Source: US Drought Monitor @ droughtmonitor.unl.edu

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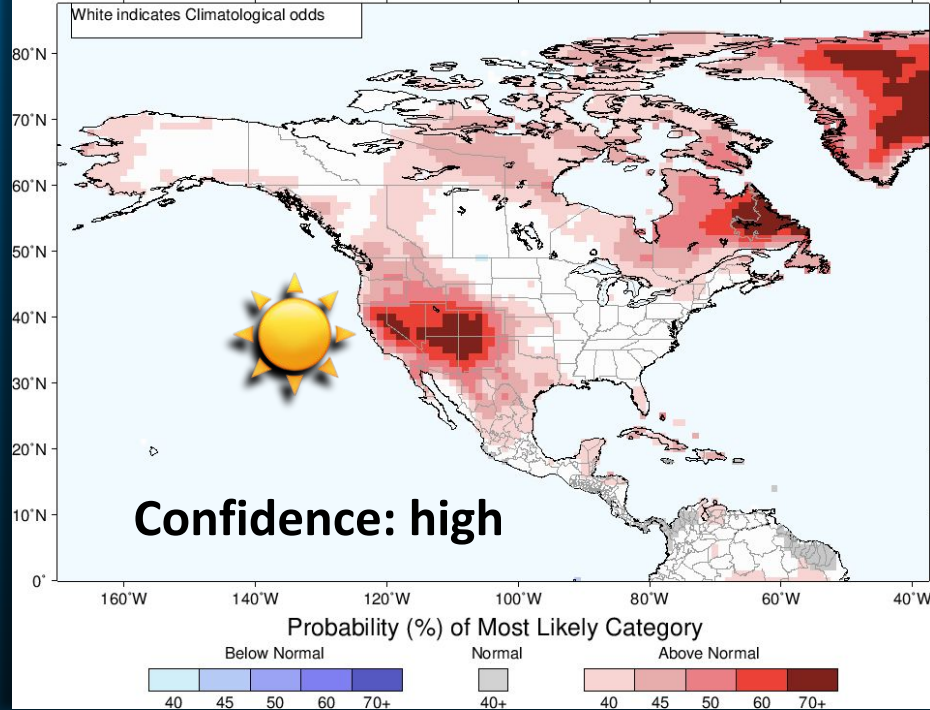


Spring & Summer Favoring Heat, Leaning Drier than Normal

IRI Multi-Model Probability Forecast for Precipitation for June–July–August 2020, Issued May 2020



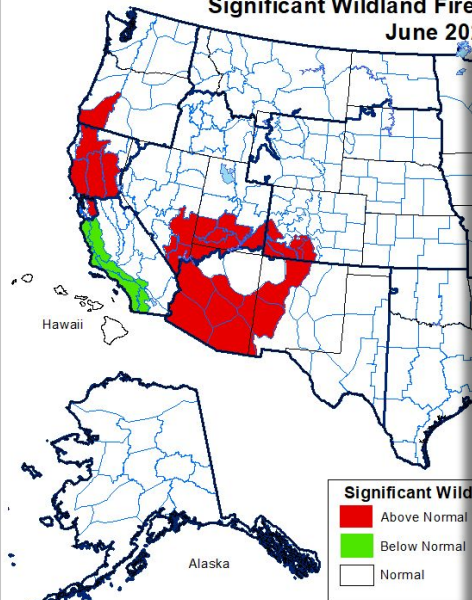
IRI Multi-Model Probability Forecast for Temperature for June–July–August 2020, Issued May 2020



Source: iri.columbia.edu/our-expertise/climate/forecasts/seasonal-climate-forecasts (updated monthly)

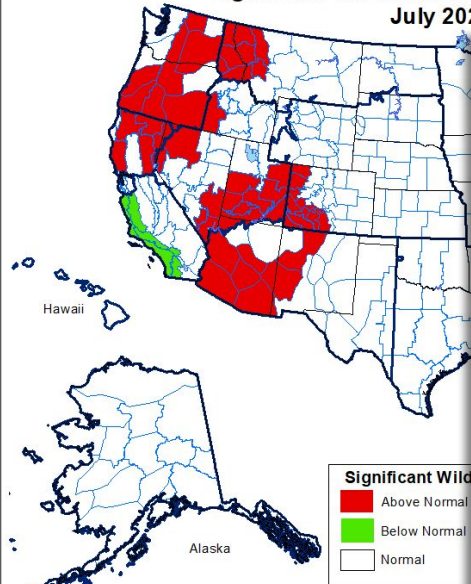
Fires Season Outlook Favoring Busy. Bigger Mountain Year?

Significant Wildland Fire Potential Outlook
June 2020



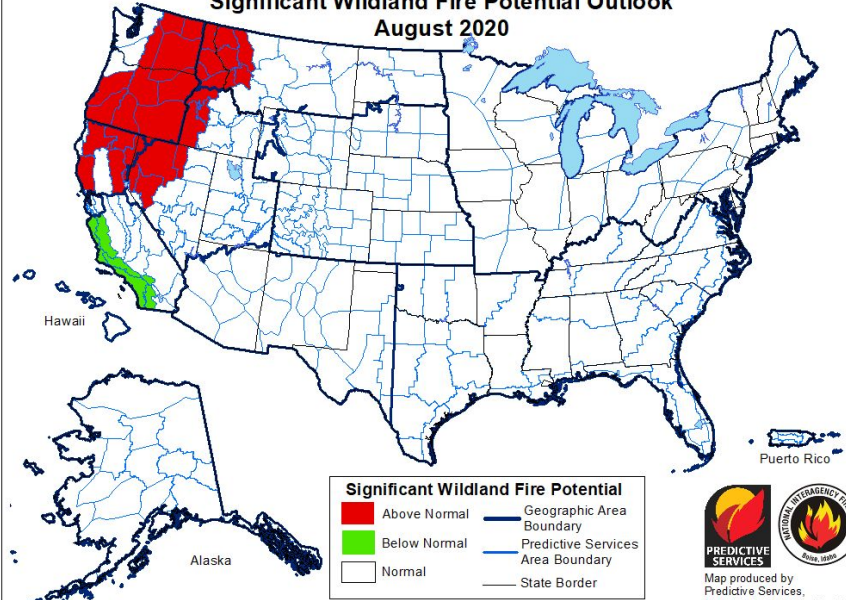
Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than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

Significant Wildland Fire Potential Outlook
July 2020



Above normal significant wildland fire potential indicates a greater than usual likelihood that 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
August 2020



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.

PREDICTIVE SERVICES
Map produced by
Predictive Services,
National Interagency Fire Center
Boise, Idaho
Issued May 1, 2020
Next issuance June 1, 2020

Source: www.predictiveservices.nifc.gov/outlooks/outlooks.htm (updated monthly, maps show May 1st)

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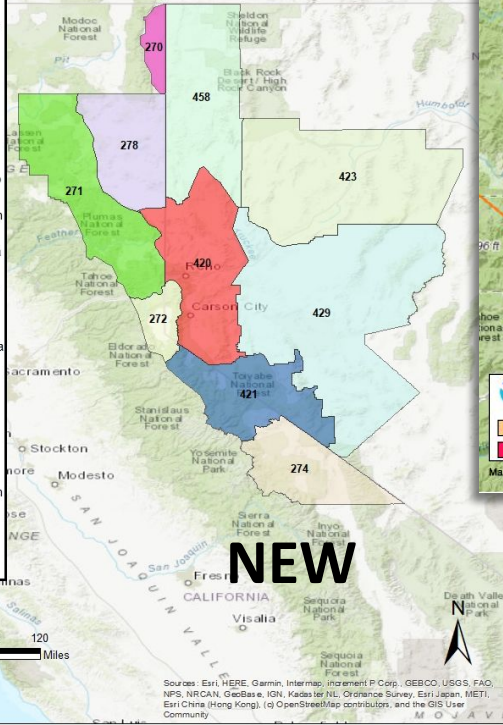
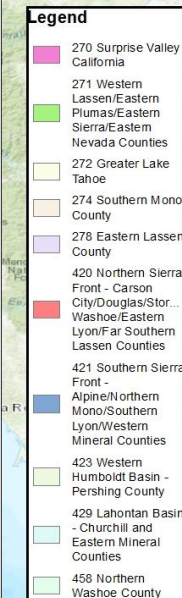
NWS Reno Services News

We're Still Doing Our Thing

- **NWS Reno will continue to do briefings, spots, Freakouts as we always have. Reachable 24/7 - 775.673.8105 (non-public number!)**
- **Increasing focus on targeted virtual decision support for partners, exercise involvement. Deployments to EOC or ICP for high-end events.**
- **We have 3 trained IMETs, 1 trained emergency response meteorologist, and I guess me.**



Amazing New Fire Weather Zones



Zoom-in on Southern Washoe Co

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Executive Summary for Reading May 19-20, 2020 TMFPD Briefings

✿ Key Points ✿



- **Last Year's Fire Weather:** Pretty quiet compared to normal. Not as many windy days and pretty lackluster thunderstorm season.



- **Winter-Spring in Review:** After a robust start around Thanksgiving, the rest of winter was largely a no-show. March made up some ground, but not a "miracle". Snowpack peaked at 75%. At least one thing we don't have to worry about this year - snowmelt flooding!



- **Summer-Fall Weather:** Heavily favoring above normal temps. Leaning drier than normal but more mixed confidence. No clear signal on t-storms/monsoon.



- **Busy Fire Season?:** Large crop of carryover vegetation in Sierra Front, Great Basin areas from 2017-2019 wet period. Drier than average winter has upped the odds of large fires in timber zones compared to recent years. July onward is most likely timeframe. Increased outdoor recreation due to pandemic may also up odds of new fire starts this summer.