



Great Basin

Fire Potential Outlook 2017

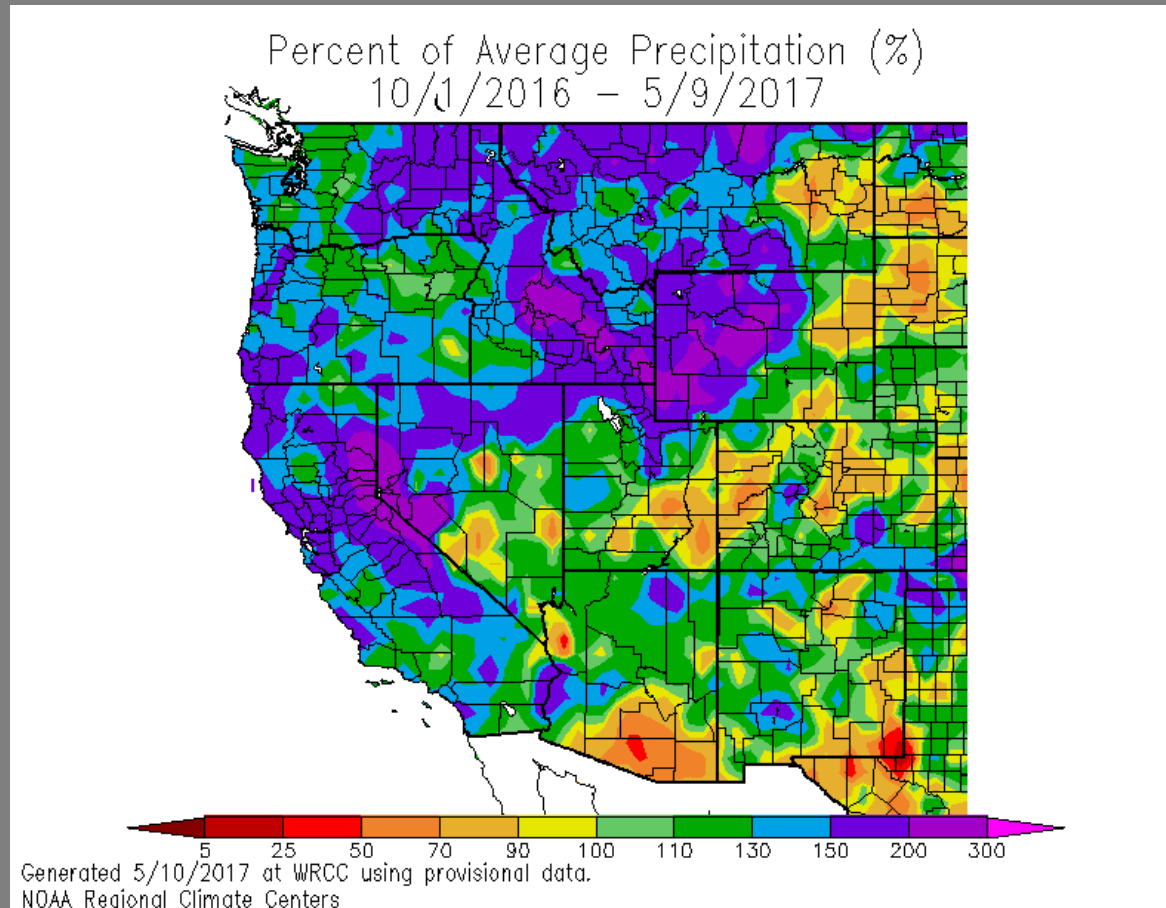


Gina McGuire

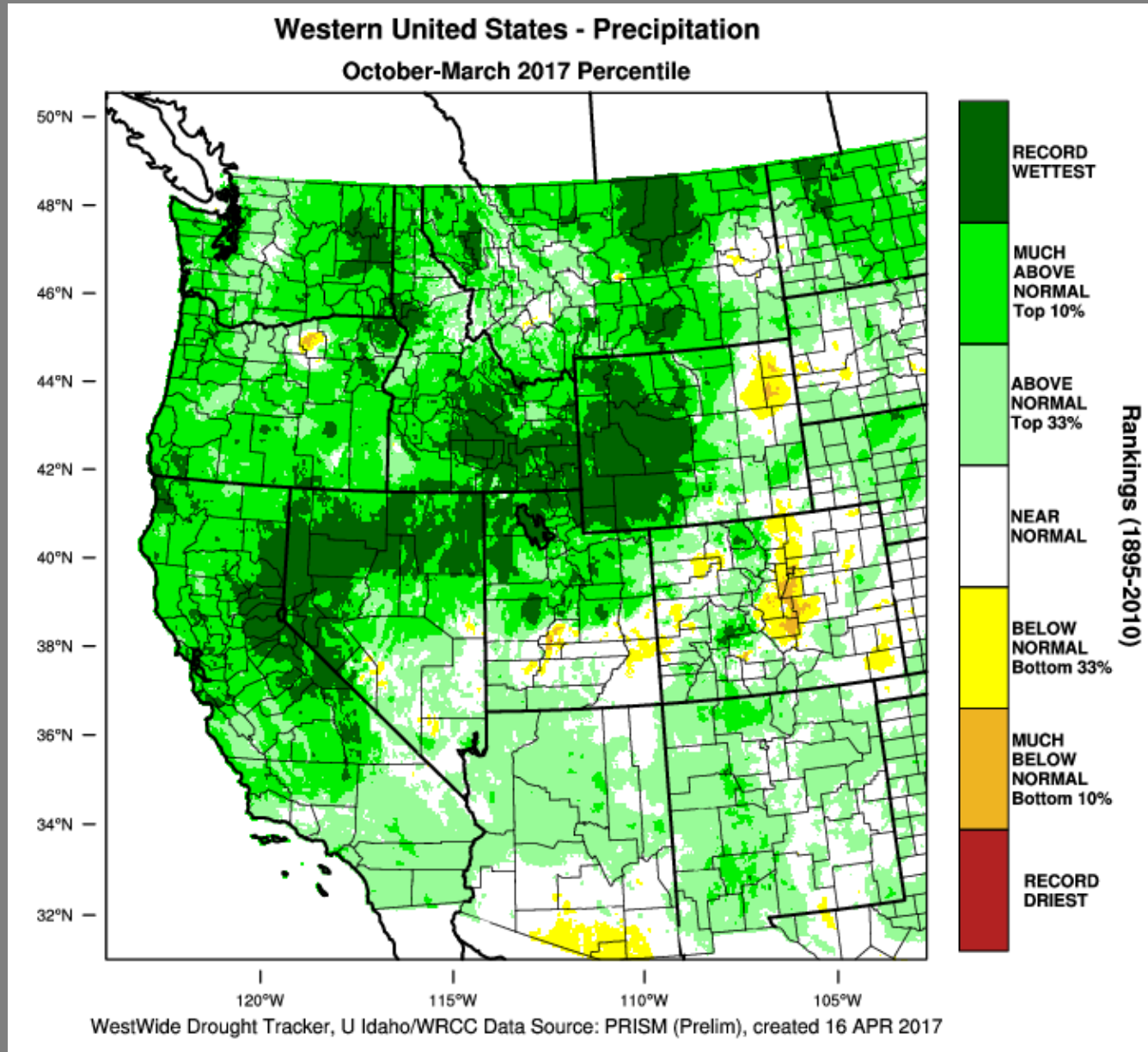
GBCC Predictive
Services
Meteorologist



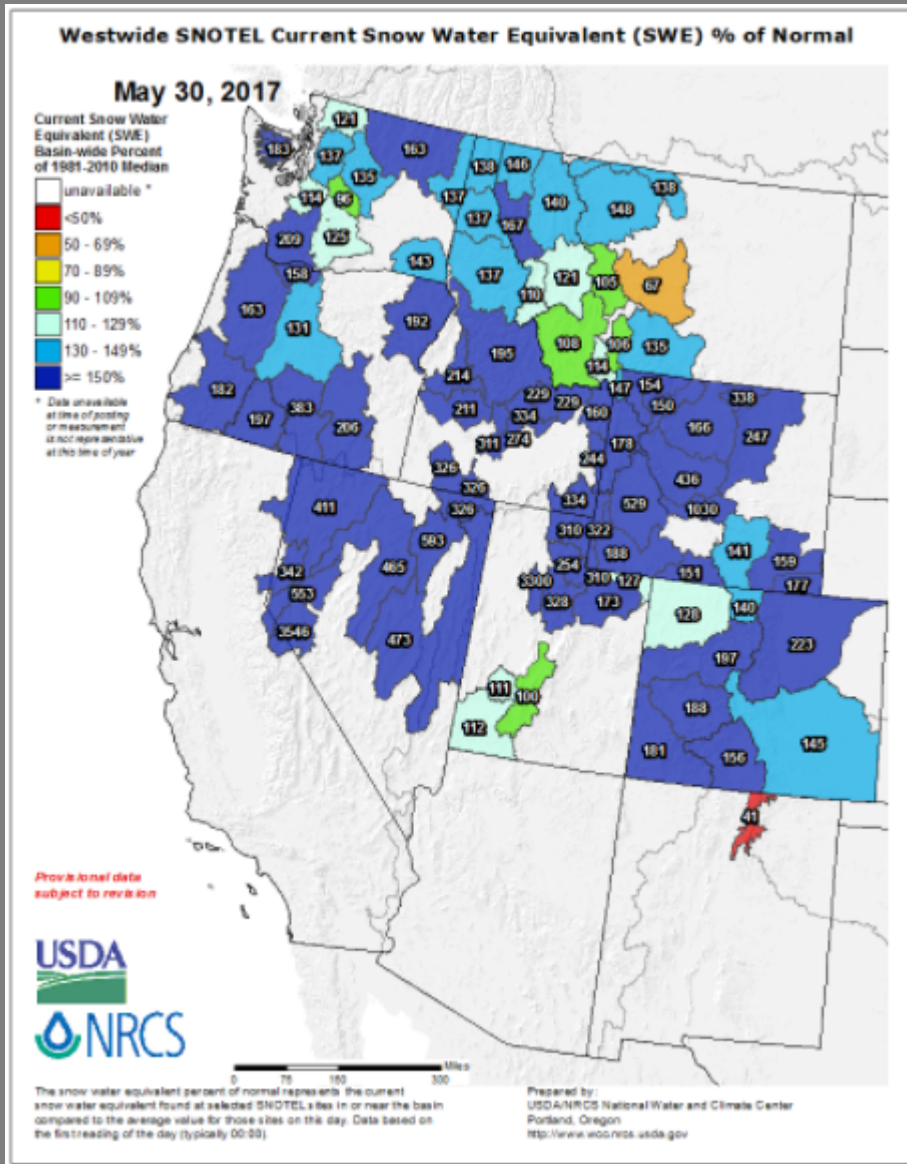
Water Year Precipitation – since October 1, 2016



Precipitation Percentile: Since October 1, 2016



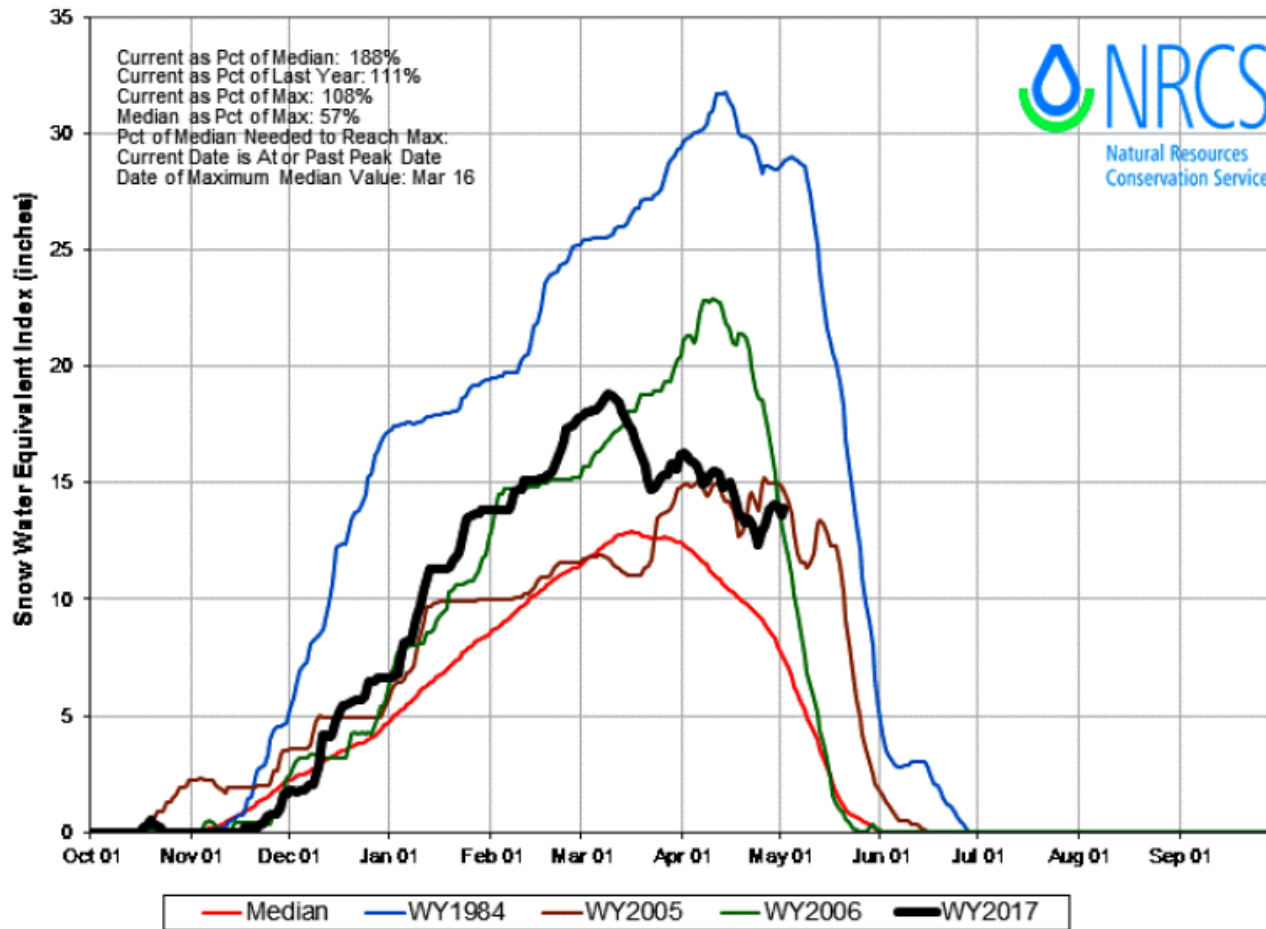
Recent Snowpack



- 300-400% of Normal across Nevada.

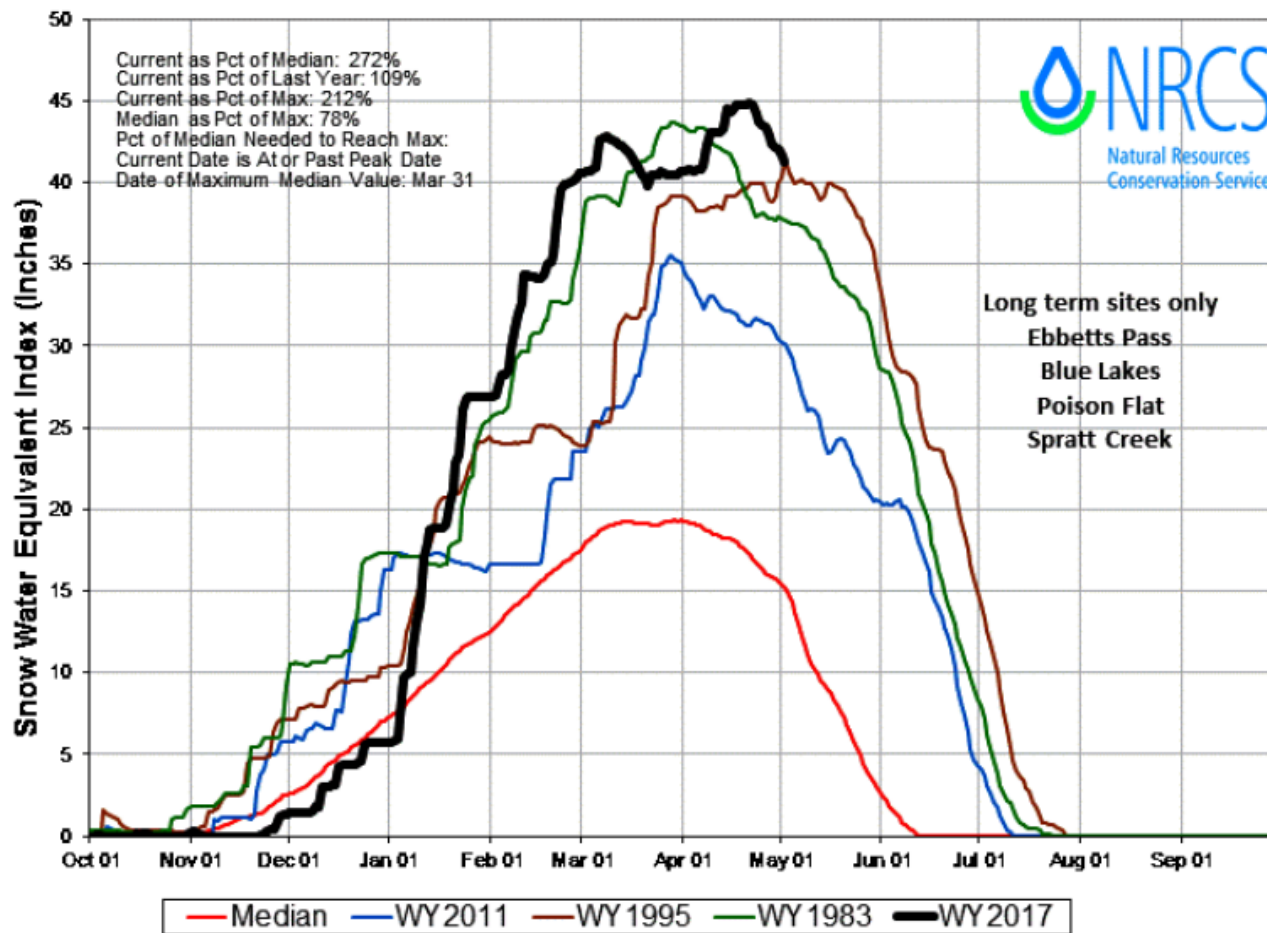
SWE – Upper Humboldt River Basin

UPPER HUMBOLDT RIVER BASIN Time Series Snowpack Summary Based on Provisional SNOTEL data as of May 02, 2017



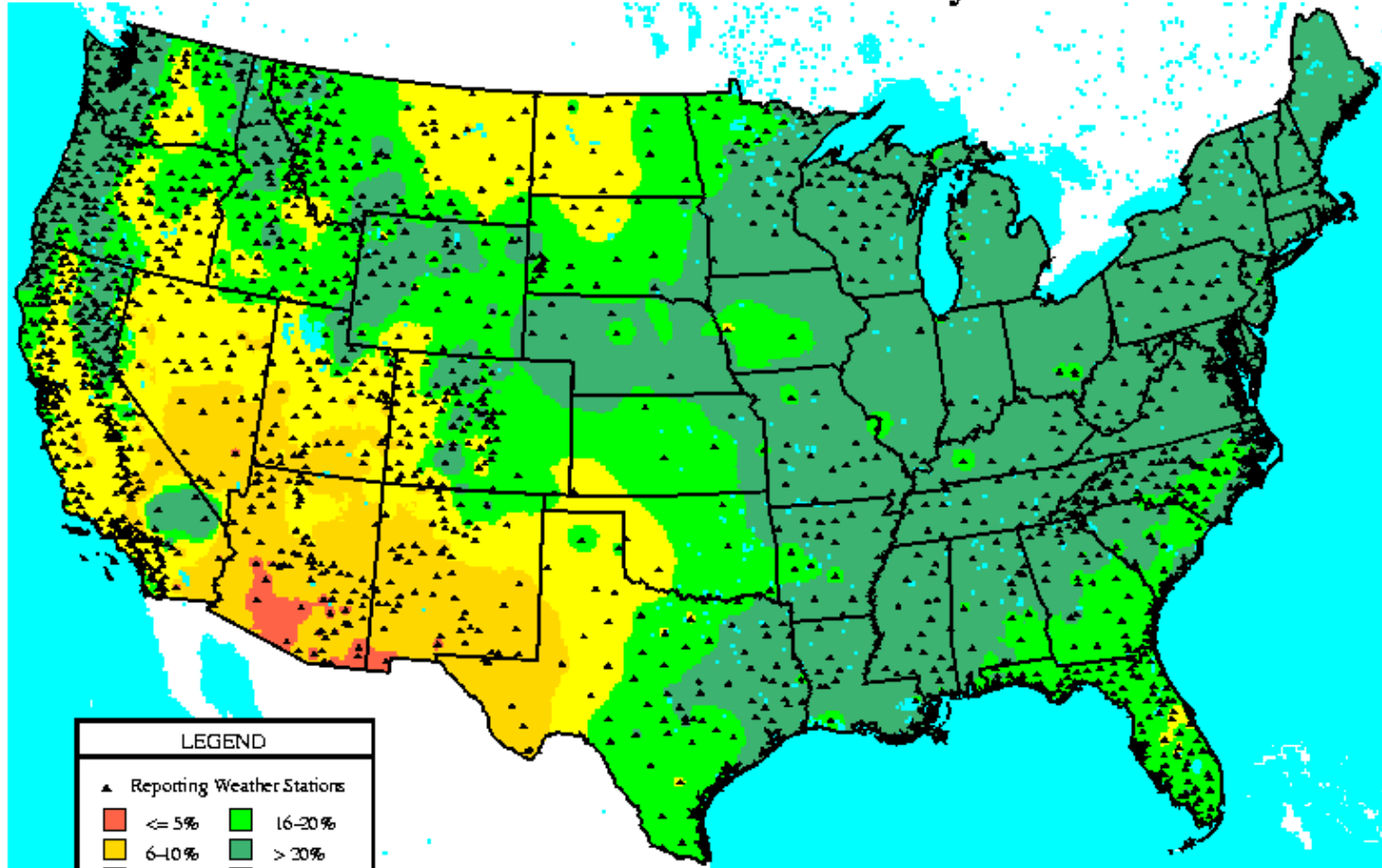
SWE – Carson River Basin

CARSON RIVER BASIN Time Series Snowpack Summary Based on Provisional SNOTEL data as of May 02, 2017



1000-hr Fuels

Obs. 1000-Hour FM: 29-May-17



LEGEND

- ▲ Reporting Weather Stations
- Red: ≤ 5%
- Orange: 6-10%
- Yellow: 11-15%
- Light Green: 16-20%
- Dark Green: > 20%
- Light Blue: Water

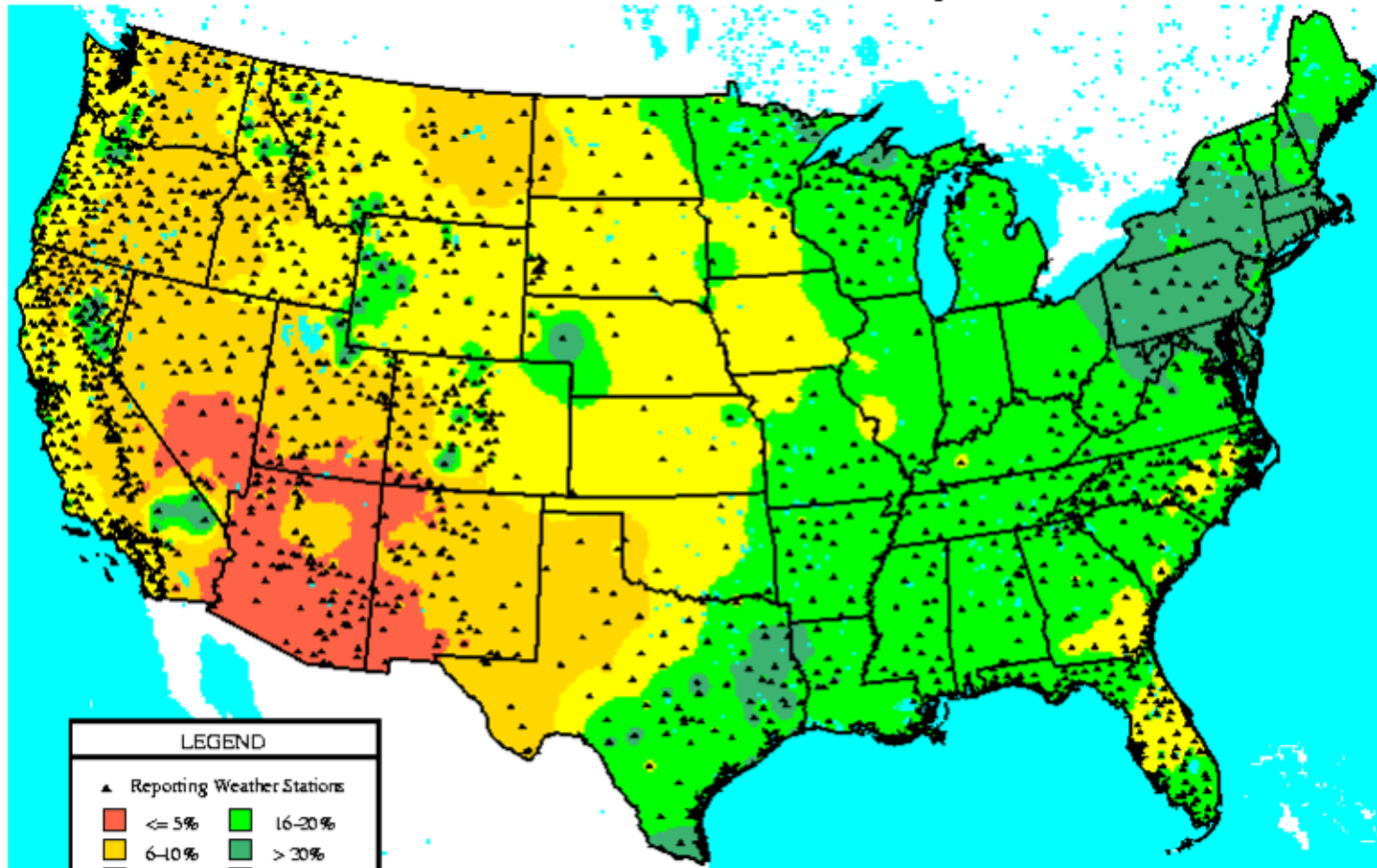
(Inv. Dist.² Interp.)

WFAS-MAPS Graphics FIRE BEHAVIOR RESEARCH MISSOULA, MT



100-hr Fuels

Obs. 100-Hour FM: 29-May-17



LEGEND	
▲	Reporting Weather Stations
Red	≤ 5%
Orange	6-10%
Yellow	11-15%
Light Green	16-20%
Dark Green	> 20%
Light Blue	Water

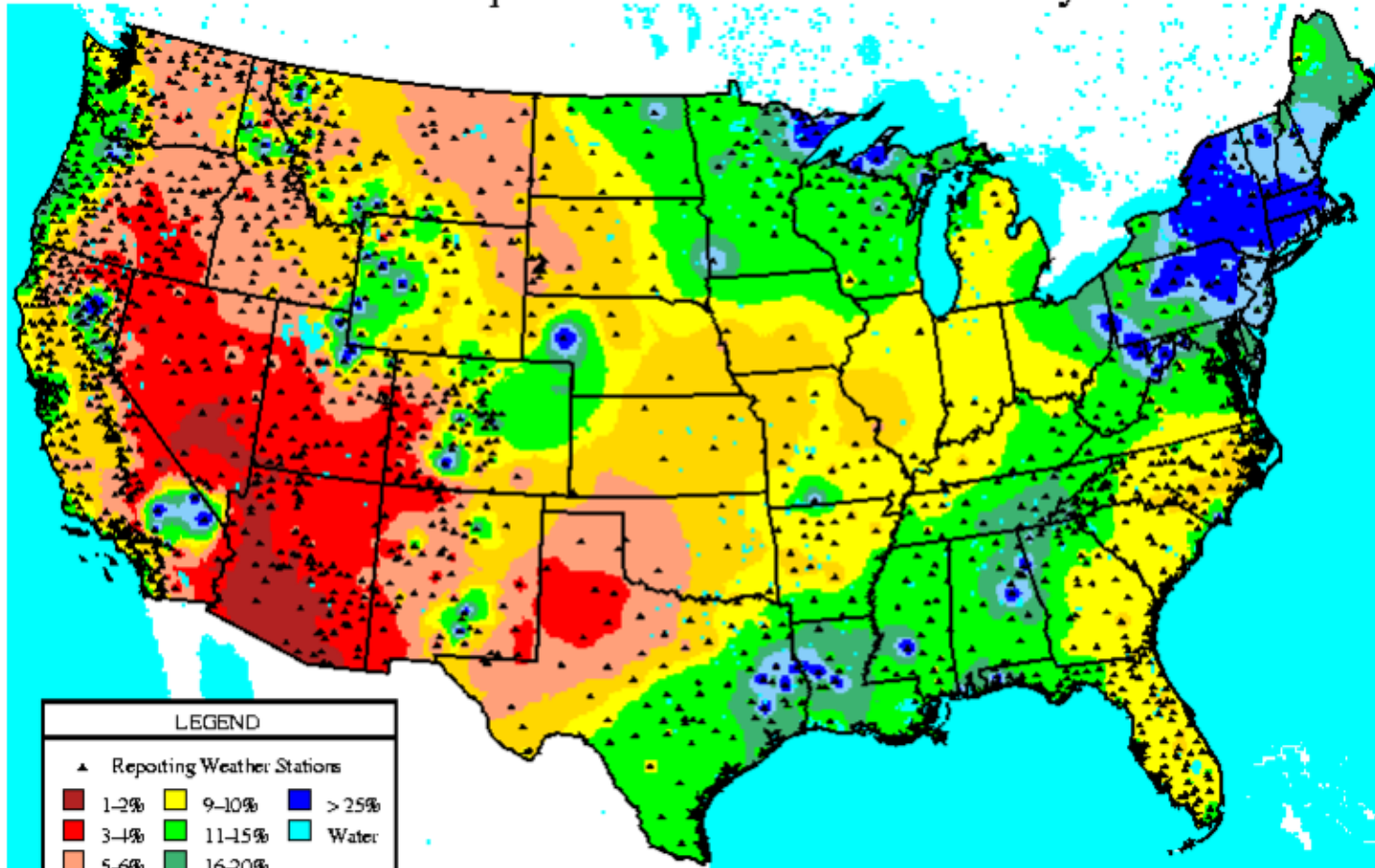
(Inv. Dist.² Interp.)

WFAS-MAPS Graphics FIRE BEHAVIOR RESEARCH MISSOULA, MT



10-hr Fuels

Obs. or Computed 10-Hour FM: 29-May-17



LEGEND		
▲ Reporting Weather Stations		
1-2%	9-10%	> 25%
3-4%	11-15%	Water
5-6%	16-20%	
7-8%	21-25%	

(Inv. Dist.² Interp.)

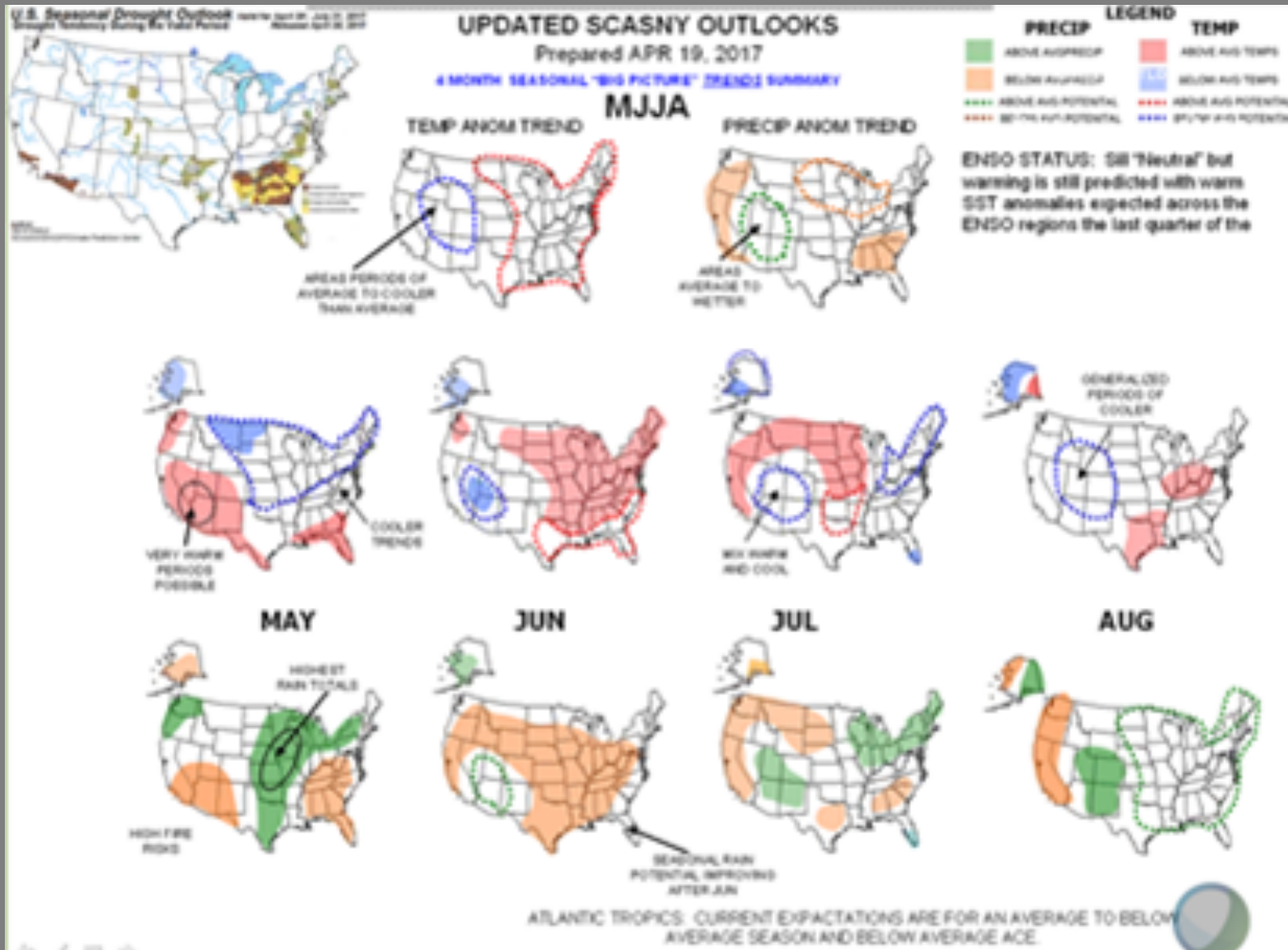


**Drought, Weather
Live Fuels,
Dead Fuels:**

**What Happens
From Here?**

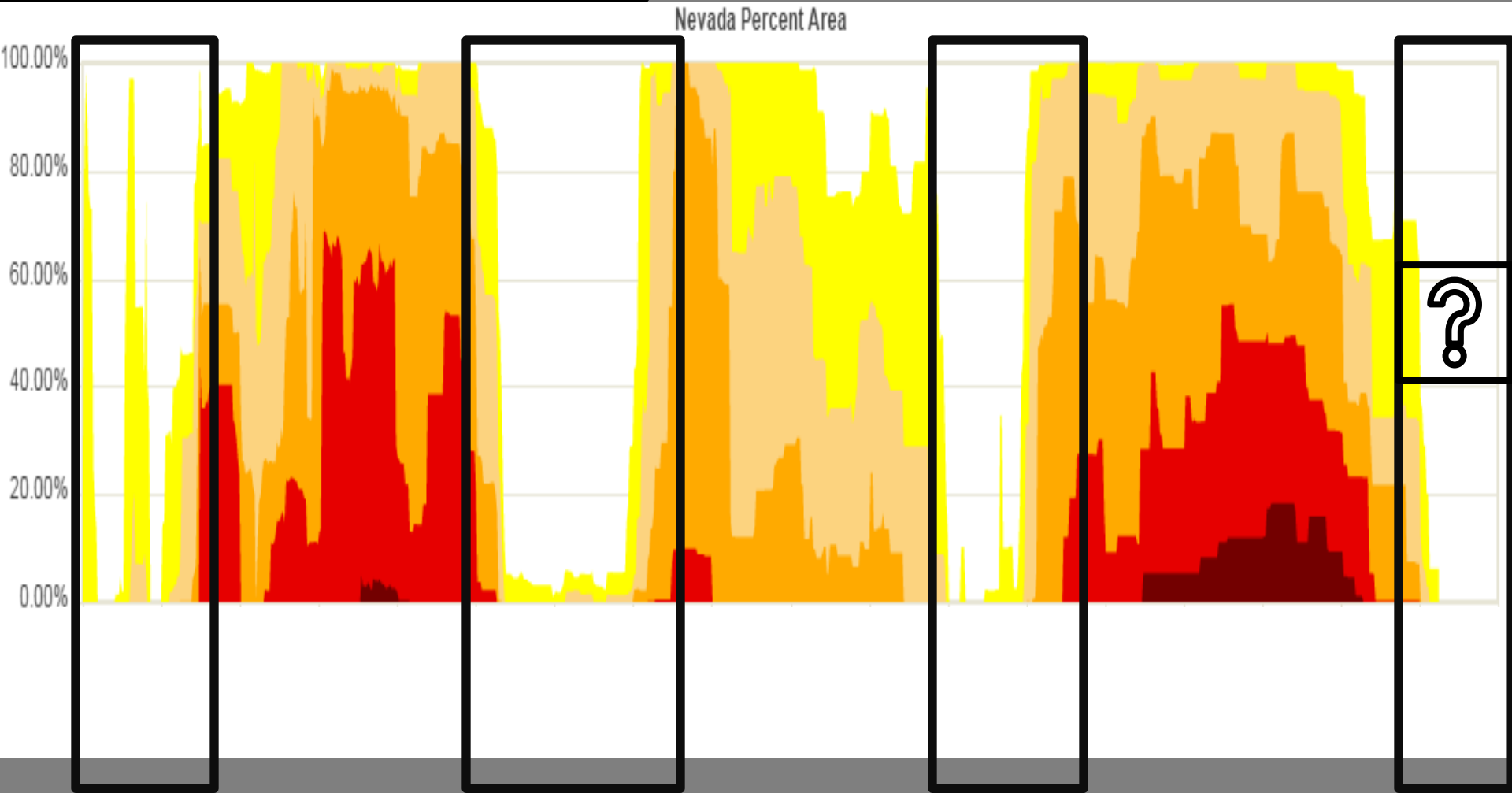


May Through August Weather Outlook



Drought Time Series

NV BLM – Years with High Acres Burned



National Fire Potential Outlook

- Normal (minimal) fire activity across the Great Basin through May.
- ** If we see windy conditions following dry periods with fire starts we may see fire activity briefly pick up in May into June in the fine fuels.
- A delayed start to fire season / below normal in the high elevations in June with greater fire activity by July/August.

