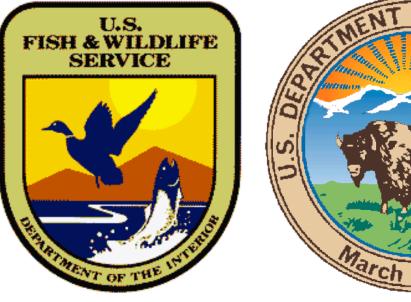


Fire Season 2021

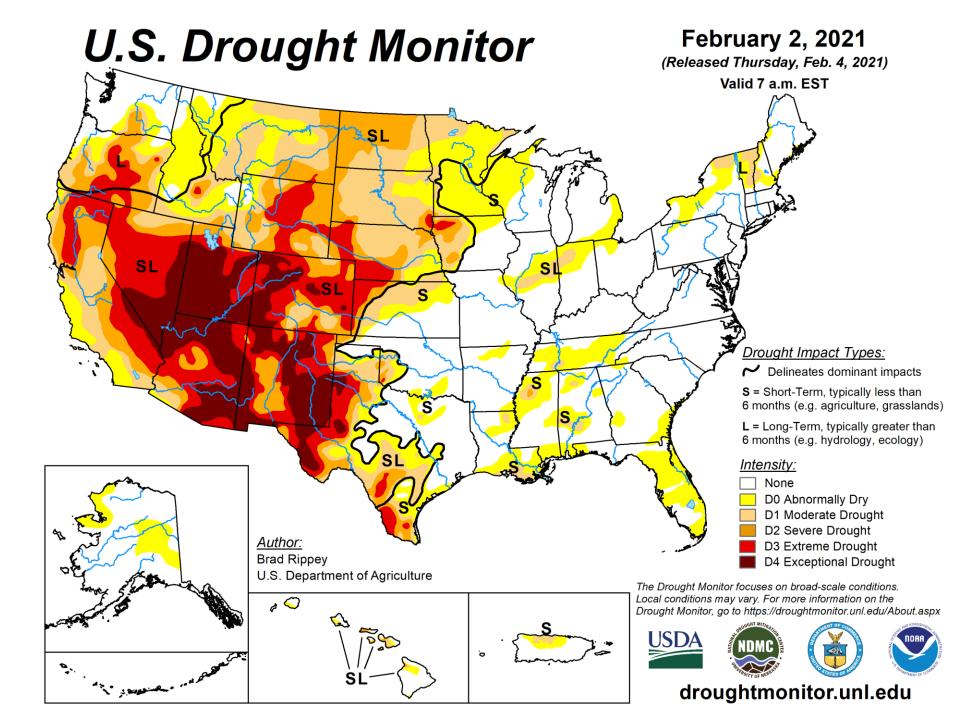
Northwest Interagency Coordination Center



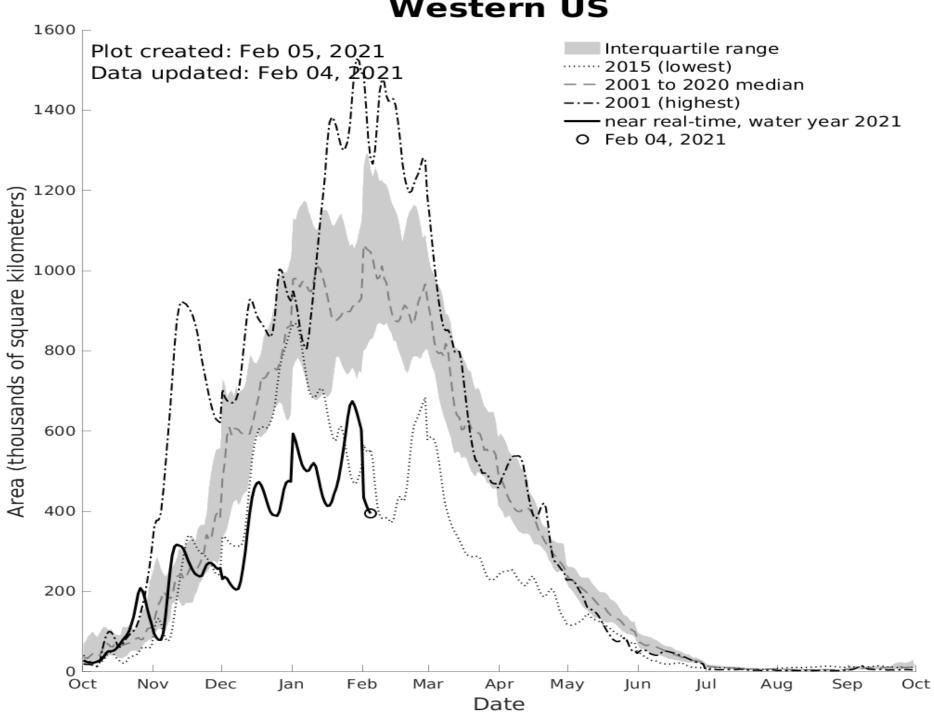
Summary
Oregon AMS
Nov 17th 2021



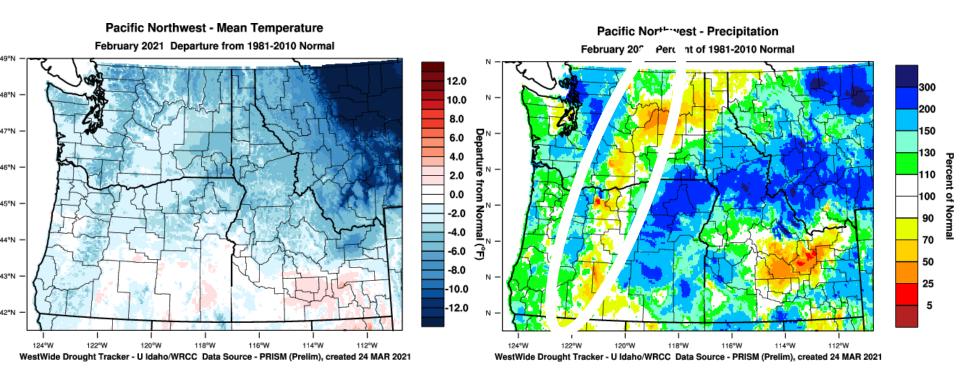
John Saltenberger



Western US



February 2021

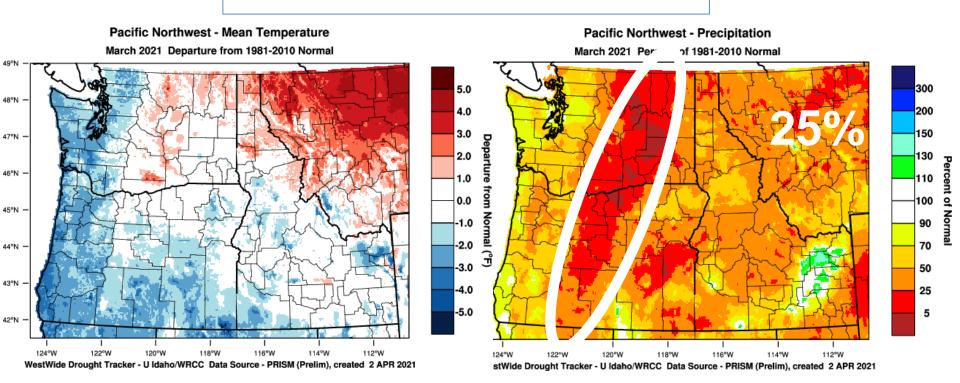


Temperature

Precipitation

March 2021

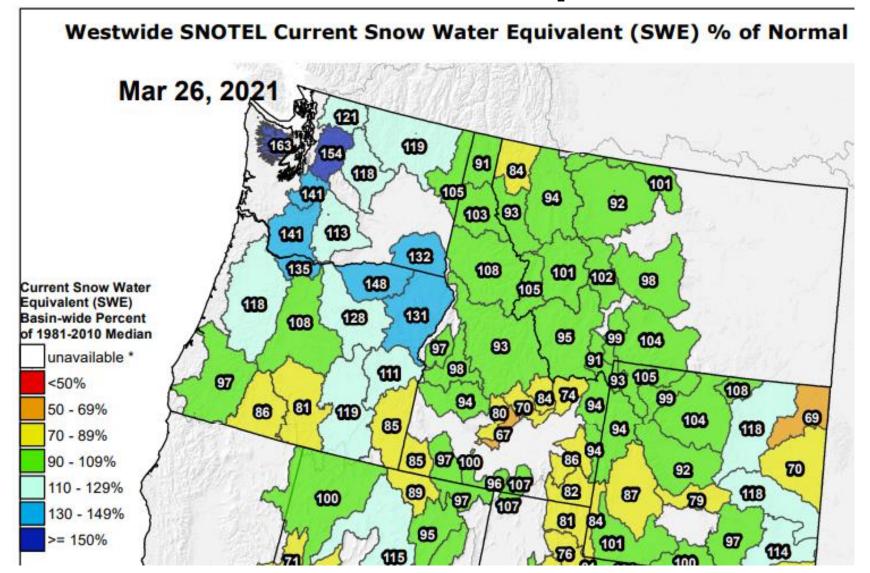
March 2021



Temperature

Precipitation

Basin Snow Water Equivalent



Characterization: Snowpack held fairly steady or improved during March 2021 over much of Washington and Oregon despite relatively low totals of precipitation recorded at lower elevation reporting stations.

March 28th 2021



Bull Springs Fire 95% contained; Level 1 March 28th 2021 evacuation notice dropped



211 acres

debris Burning

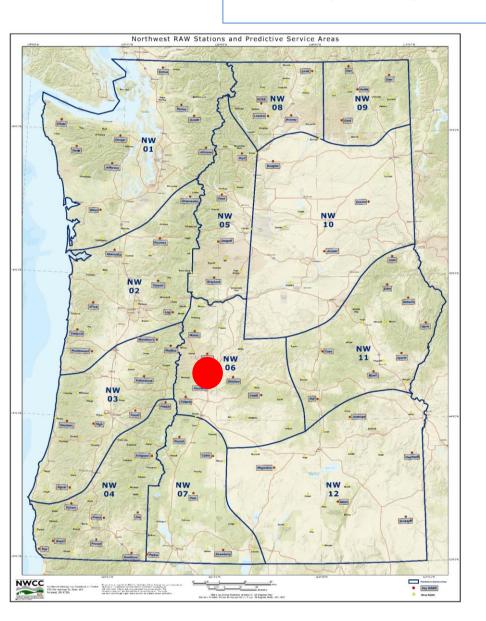
Level 1 evac

(Update: Level 1 evacuation dropped; new info from ODFW)

Blaze now 90% contained; Level 1 'Be Ready' evacuation notice still in place

BEND, Ore. (KTVZ) -- The Bull Springs Fire that broke out Sunday northwest of Bend near

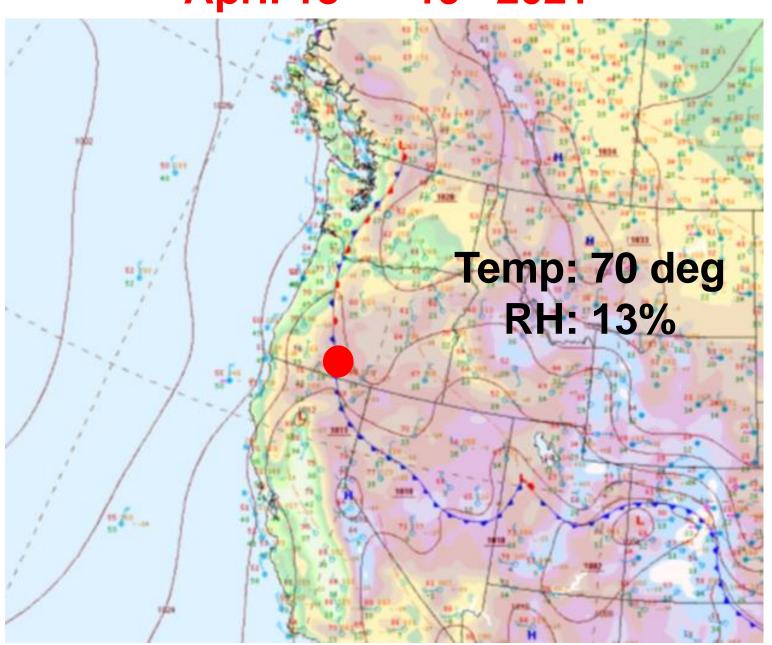
March 2021



Mar 30th 211 ac

April 2021

April 18th – 19th 2021



Ponina Fire Morning

April 19, 2021 / Brian Gailey

oril 18th 2021



BLY, Ore. – Firefighters made great pr approximately 5 miles north of Beatty. acres with 10 percent containment. Th

A local Type 3 Incident Management 7 morning.

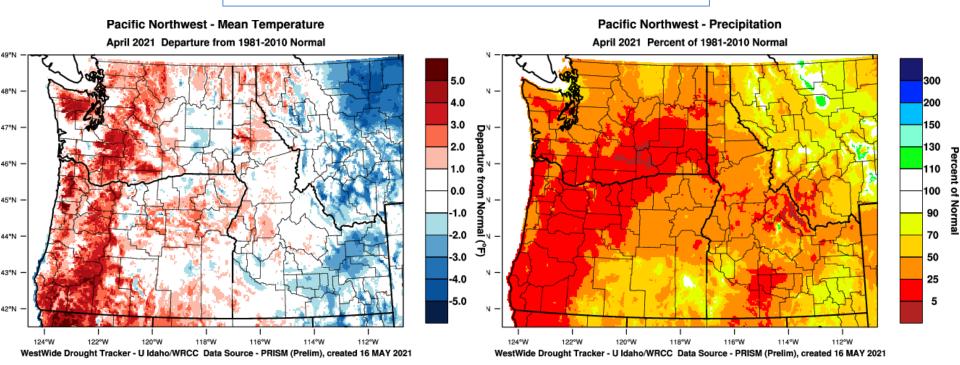


1640 acres

escaped burn

7 structures lost

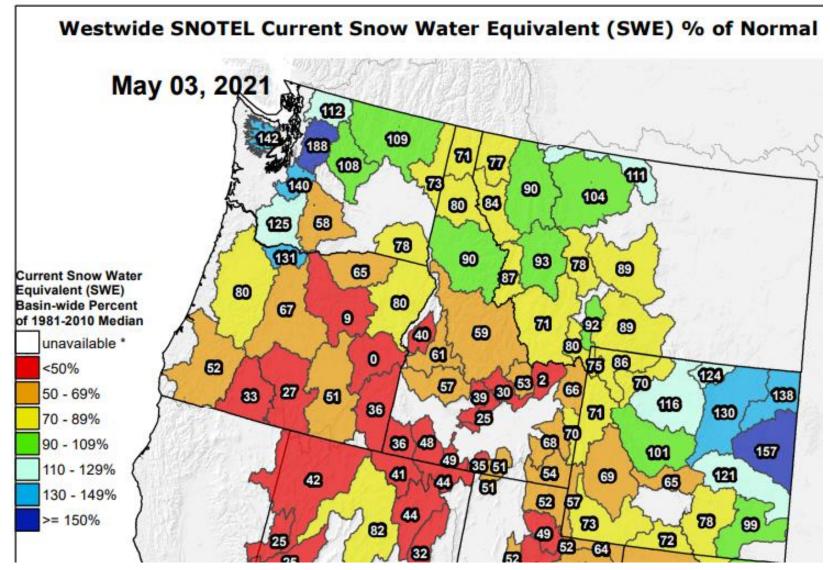
April 2021



Temperature

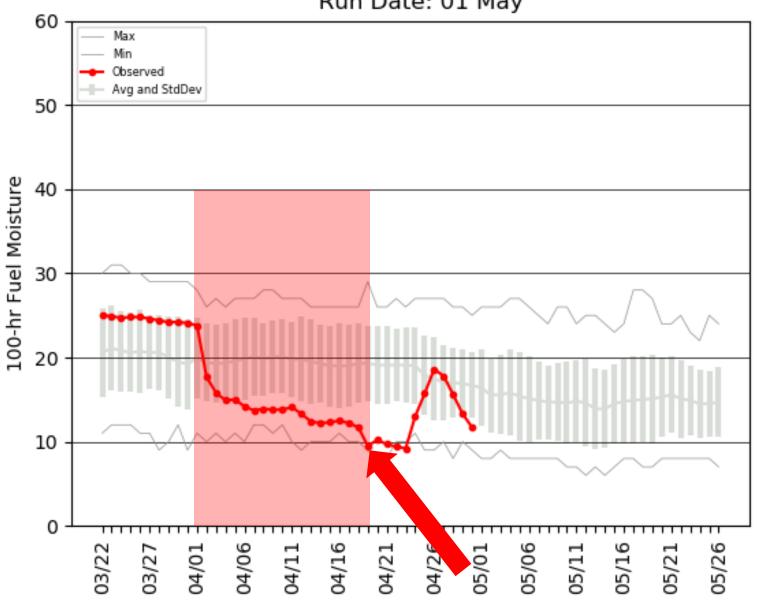
Precipitation

Basin Snow Water Equivalent



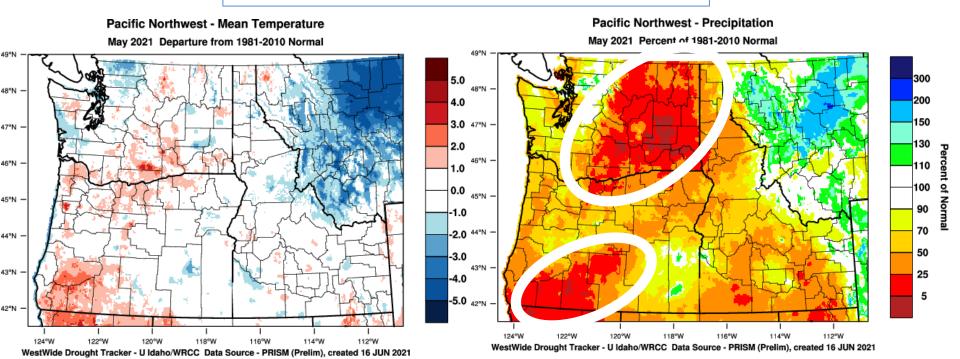
Characterization: Snowpack is declining rapidly in Oregon. Washington snowpack remains generally at or above normal with some exceptions east of the Cascades.

100-hr Fuel Moisture for PSA NW07 for 2021 Run Date: 01 May



May 2021

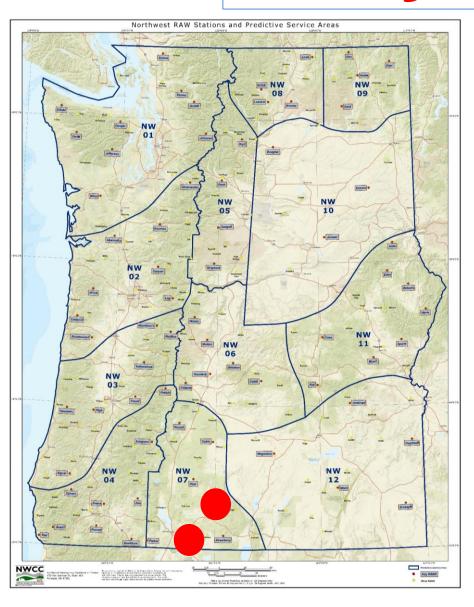
May 2021



Temperature

Precipitation

May 2021

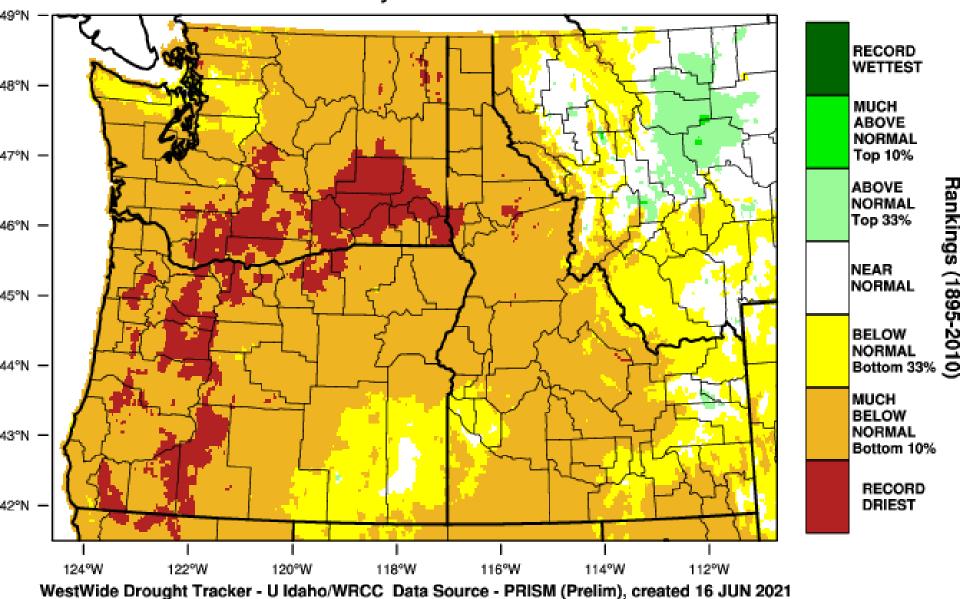


- May 5th
- May 30th 679 ac

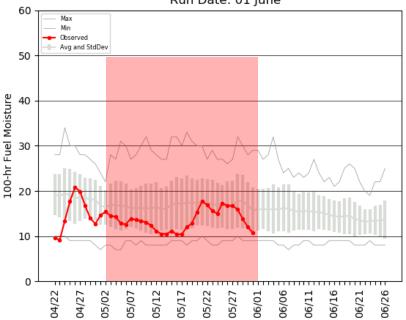
832 ac

Pacific Northwest - Precipitation

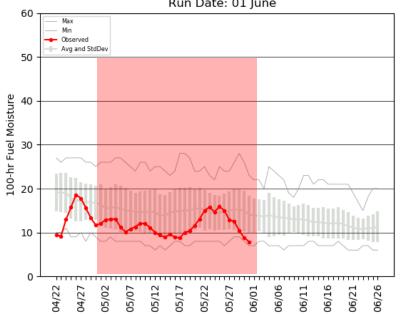
March-May 2021 Percentile



100-hr Fuel Moisture for PSA NW04 for 2021 Run Date: 01 June

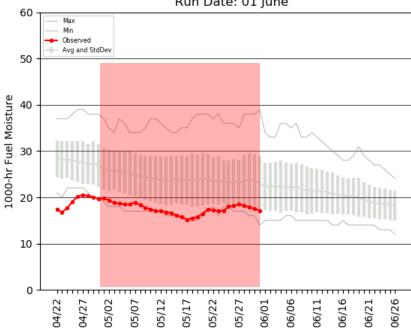


100-hr Fuel Moisture for PSA NW07 for 2021 Run Date: 01 June

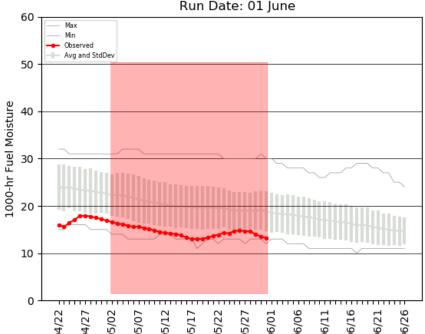


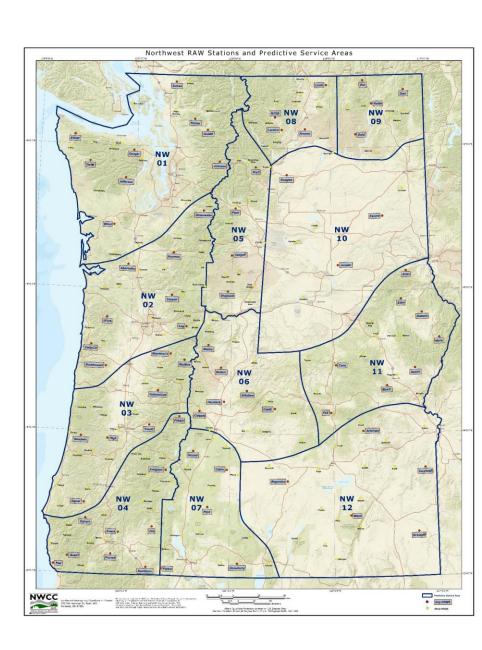


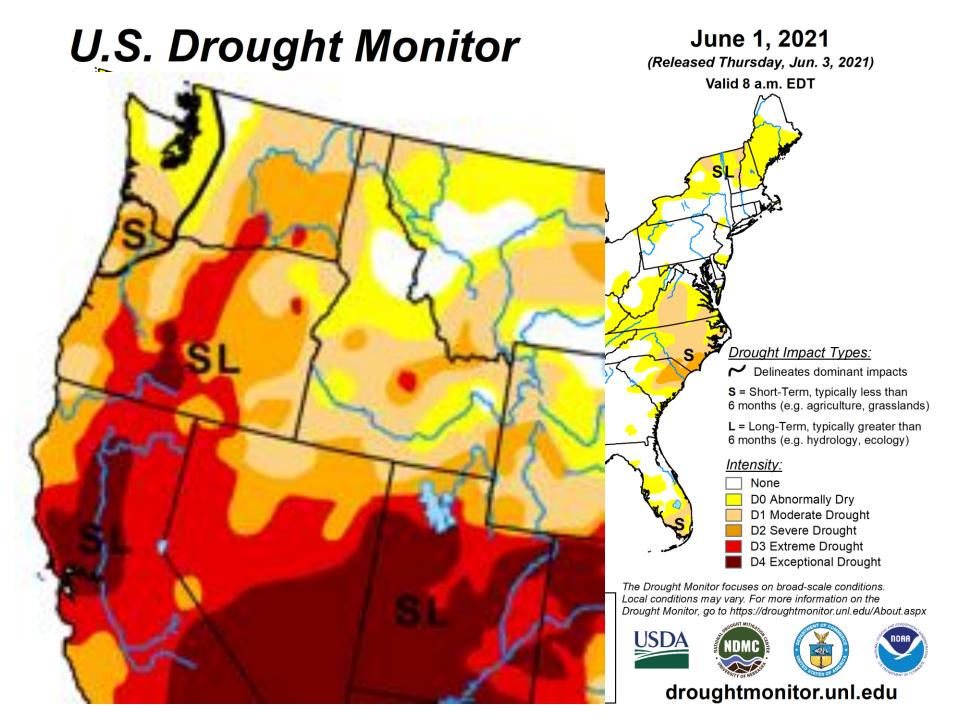
1000-hr Fuel Moisture for PSA NW04 for 2021 Run Date: 01 June



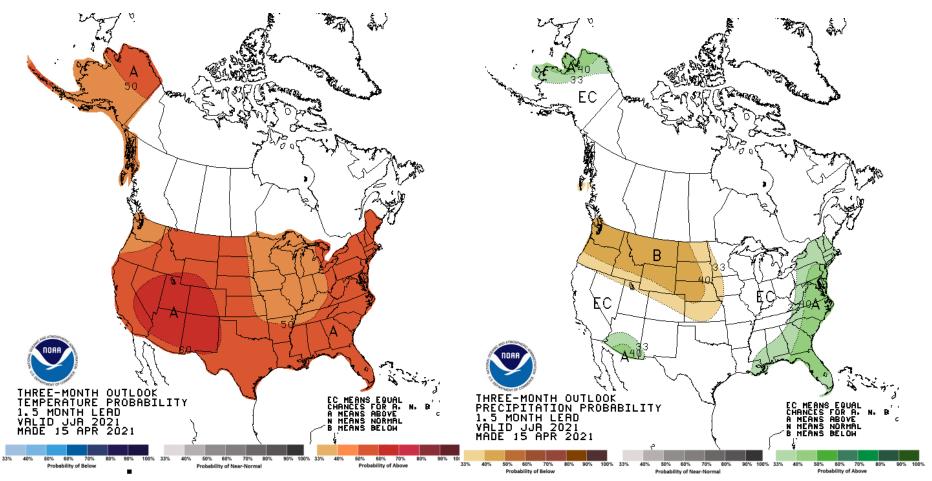
1000-hr Fuel Moisture for PSA NW07 for 2021 Run Date: 01 June







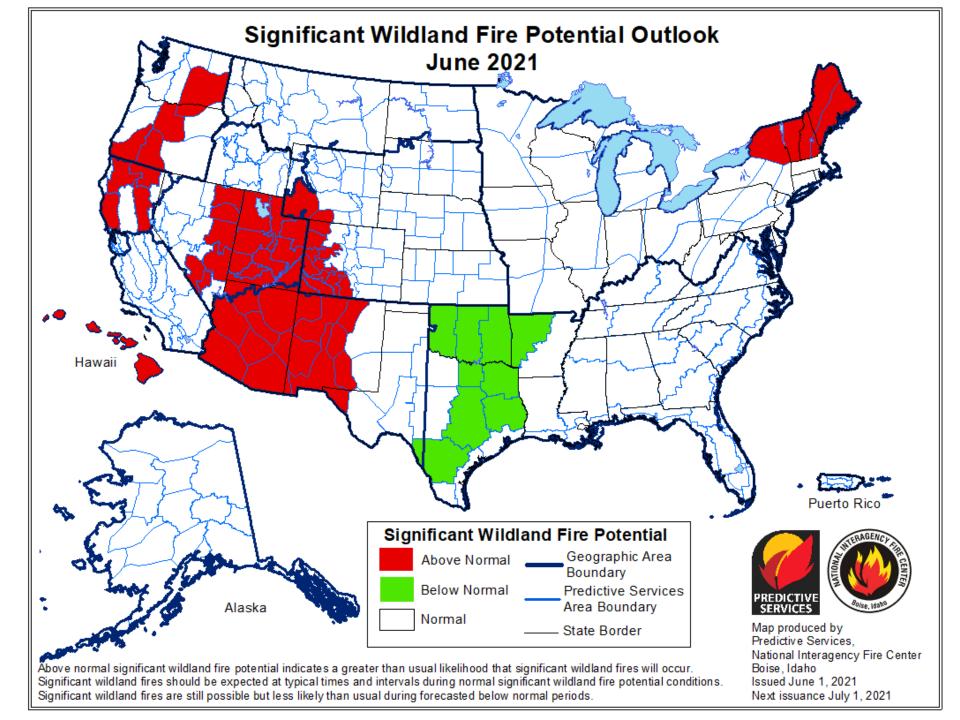
June-July-Aug 2021 Outlook



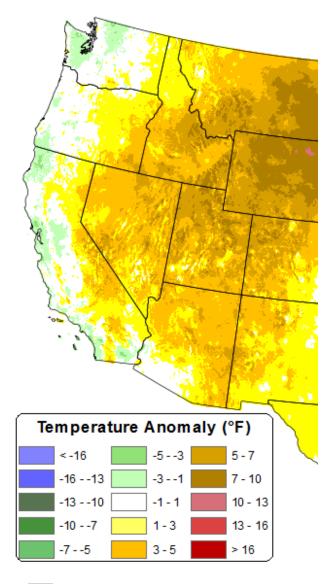
Temperature Outlook

Rainfall Outlook

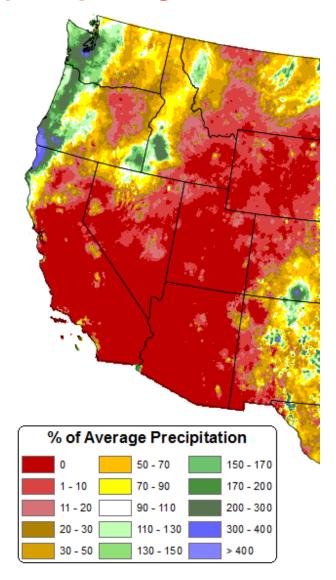
Characterization: The entire contiguous US and Alaska are likely to experience a warmer-than-normal summer in 2021. Drier-than-usual weather is expected to be predominant over the Pacific Northwest.



First Half of June 2021

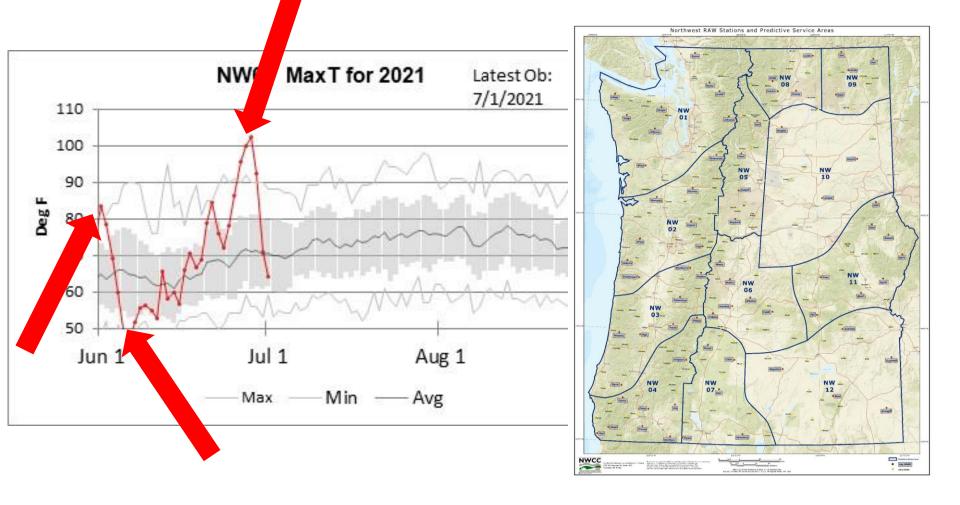


Temperature



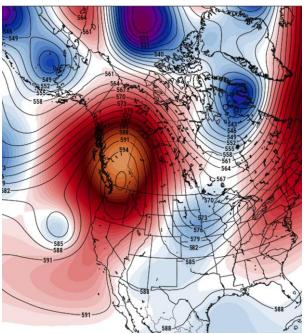
Precipitation

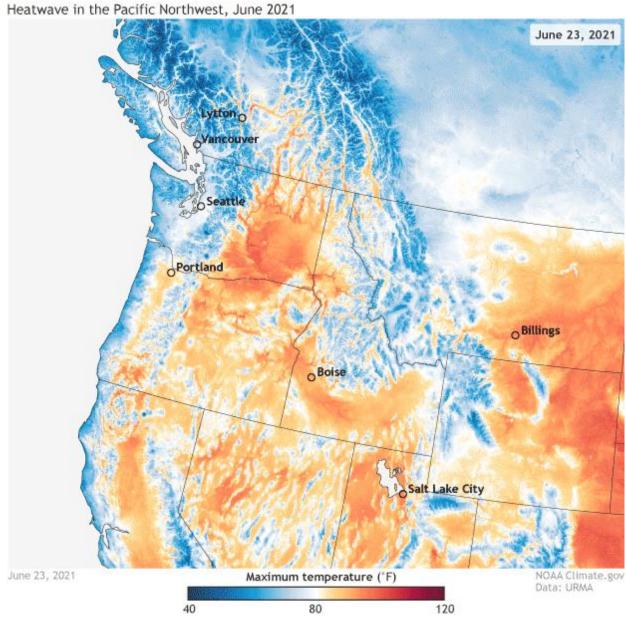
June 2021 Temperature Trends



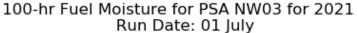
June 2021 Temperature Trends

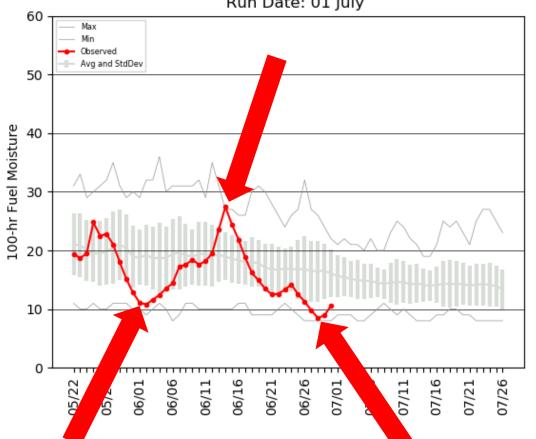
Record Breaking Heat Wave late June 2021



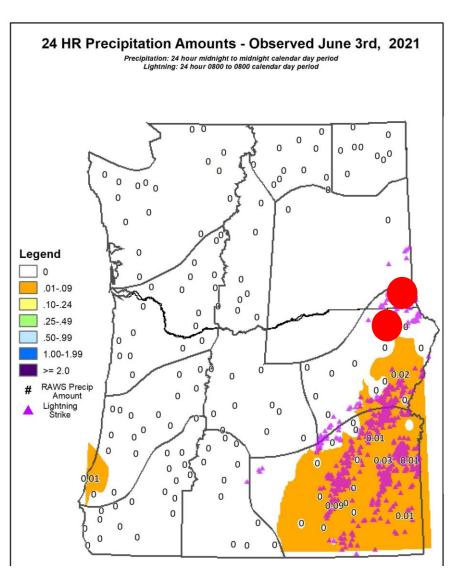


June 2021 Fire Danger Trends

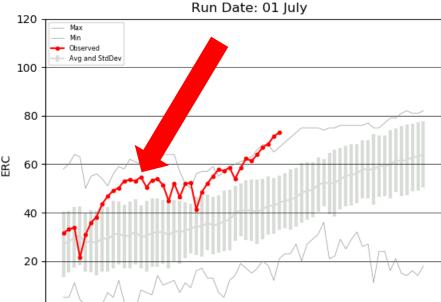








June 3rd-4th



05/27

06/01

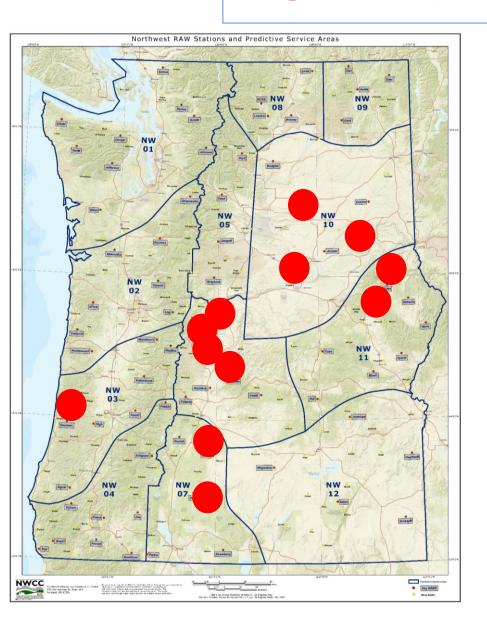
06/26

07/01

07/21

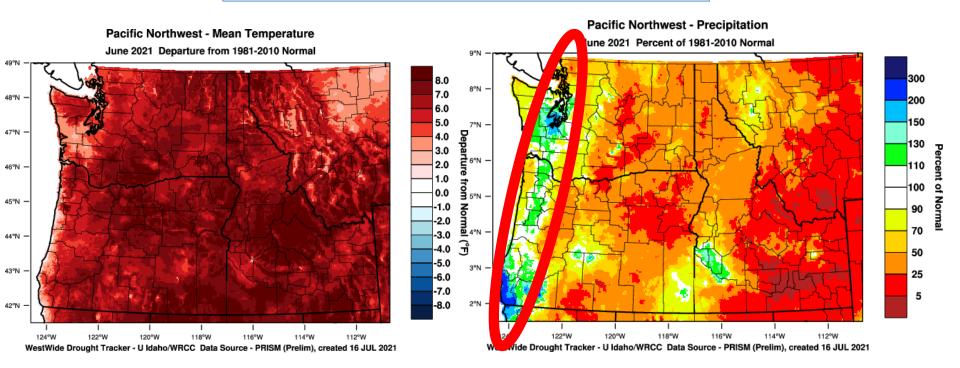
07/26

ERC-G for PSA NW11 for 2021



12 large fires

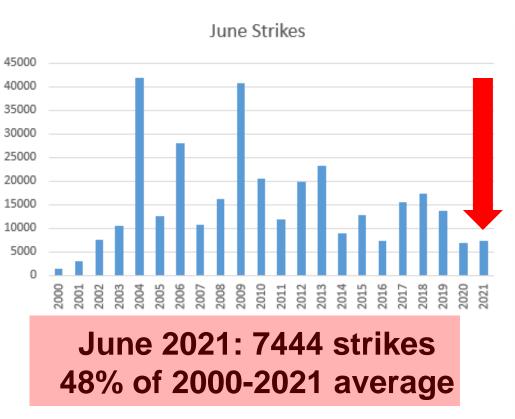
- June 1st
- June 4th
- June 18th -19th
- June 21st
- June 27th
- June 29th 30th



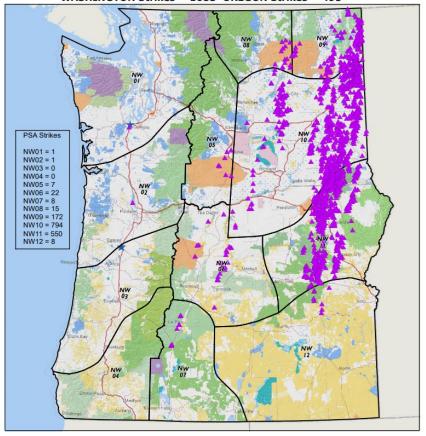
Temperature

Precipitation

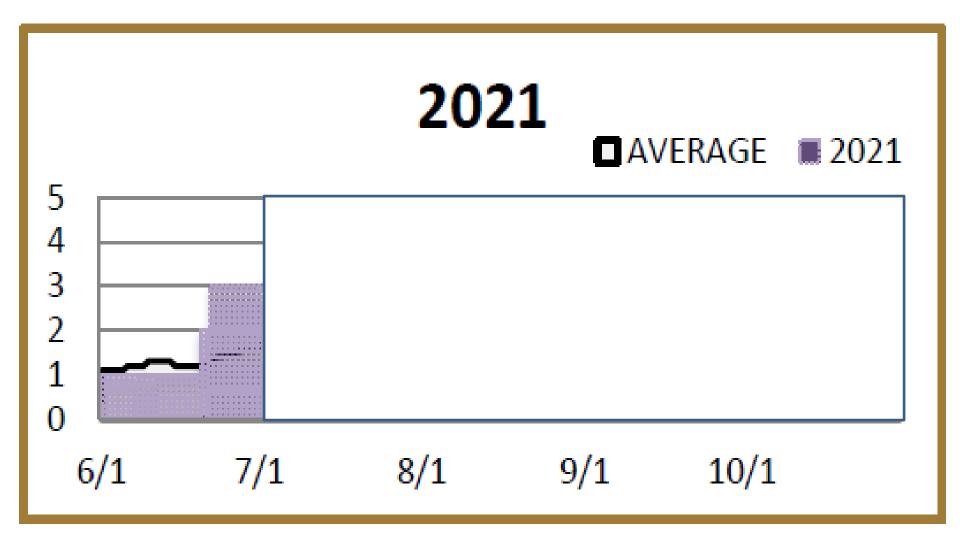
June 2021 Lightning Summary



Lightning Strikes Previous 24 Hours - June 14th - June 15th 2021 0800 to 0800 WASHINGTON Strikes = 1083 OREGON Strikes = 495

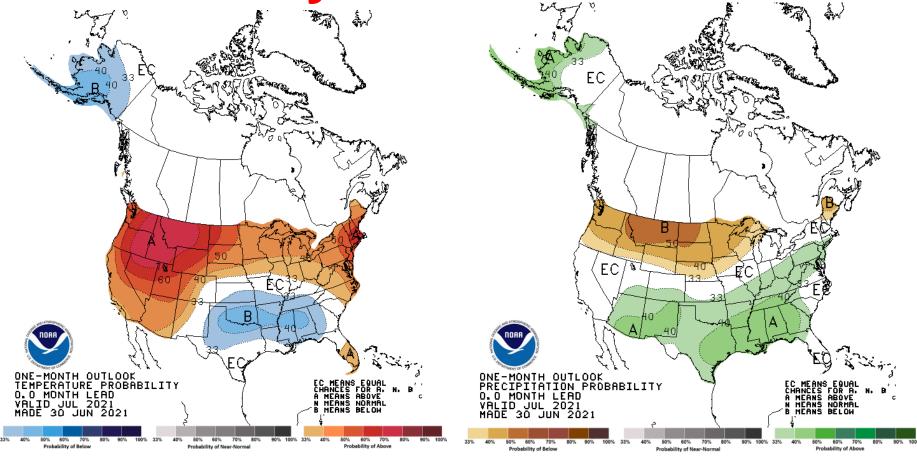


June 14th-15th
1967 strikes counted by NWCC



July 2021

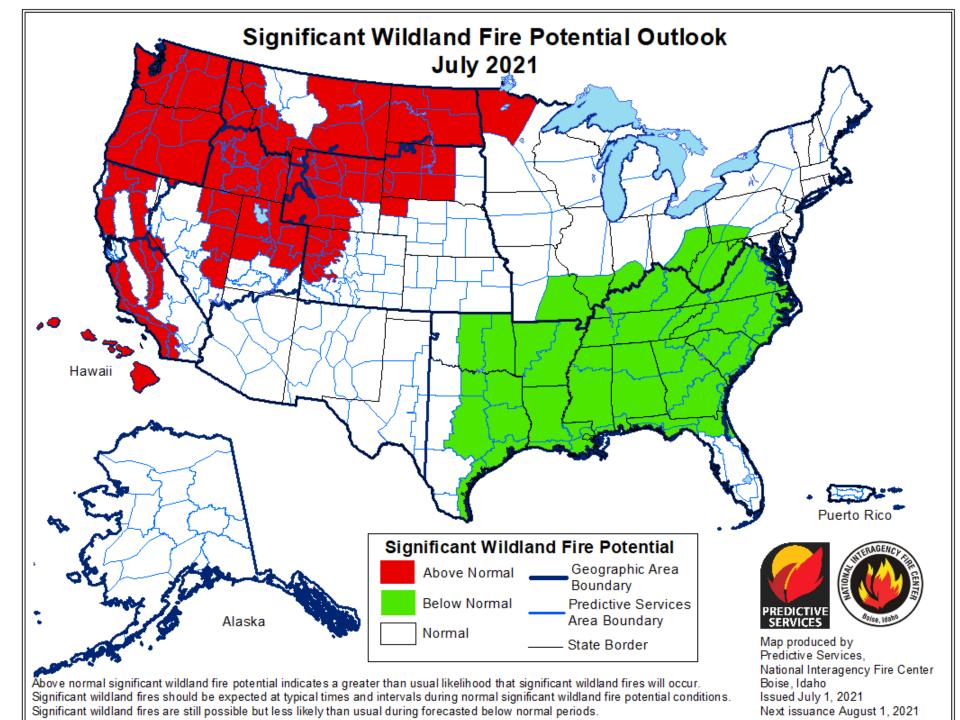
July 2021 Outlook

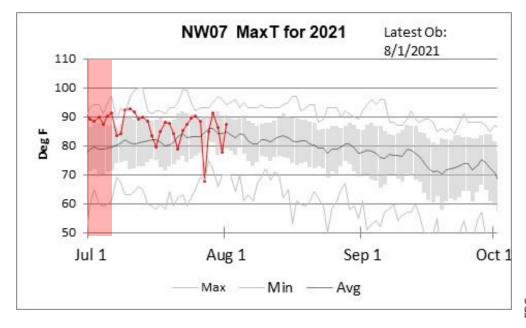


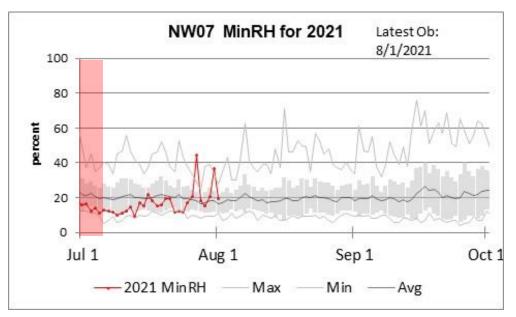
Temperature Outlook

Rainfall Outlook

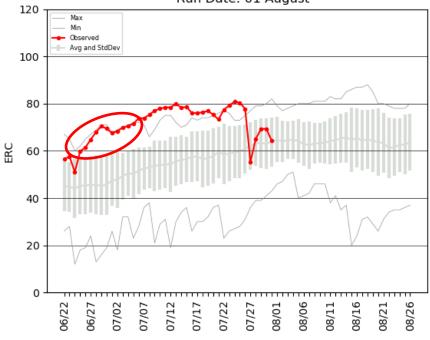
Characterization: Warmer and drier than normal is anticipated for June of 2021 over the Northwest Geographic Area

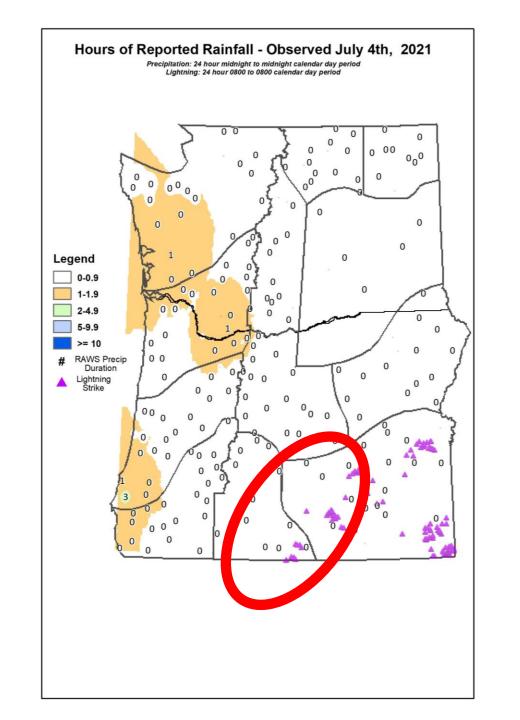






ERC-G for PSA NW07 for 2021 Run Date: 01 August











July 7th @ 02:36

- *Experiencing extreme fire behavior
- *Fire brands carried across the Sycan River, causing multiple spots
- *Fire crews had a small sense of relief knowing West Spodue RX was across the river

Los Angeles Times

WORLD & NATION

Oregon's Bootleg fire forms 'fire clouds,' considered extreme fire behavior



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LIFESTYLE

FOR SUBSCRIBERS

Pick up the perfect holiday gift at these 38 stores you'll find only in L.A.

POLITICS

FOR SUBSCRIBERS

Is your company secretly monitoring your work at home? Since COVID, the practice has surged

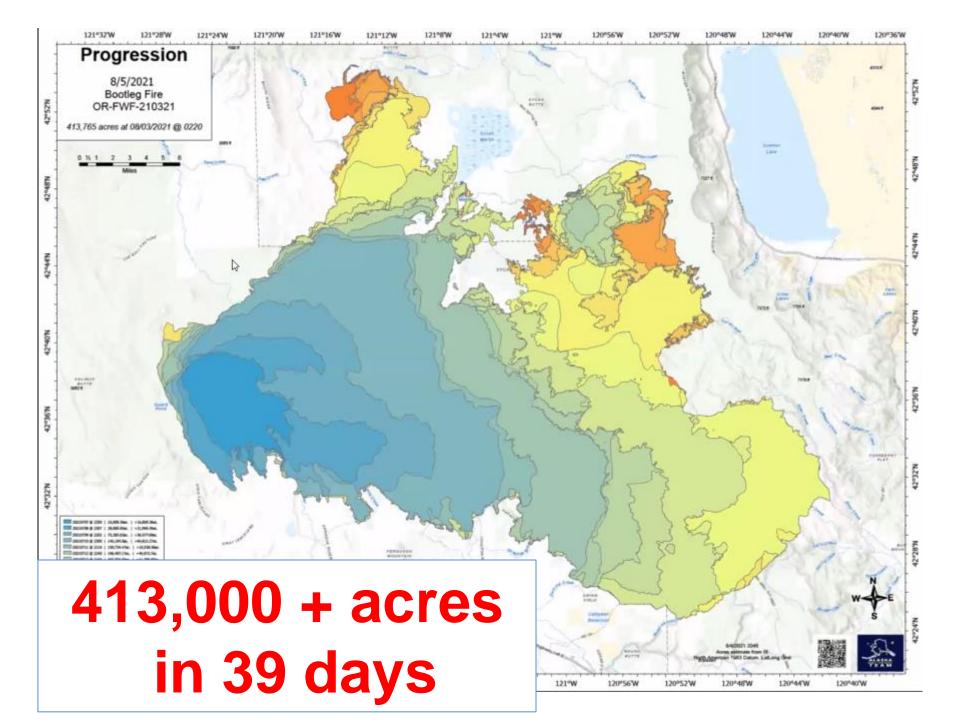
CALIFORNIA

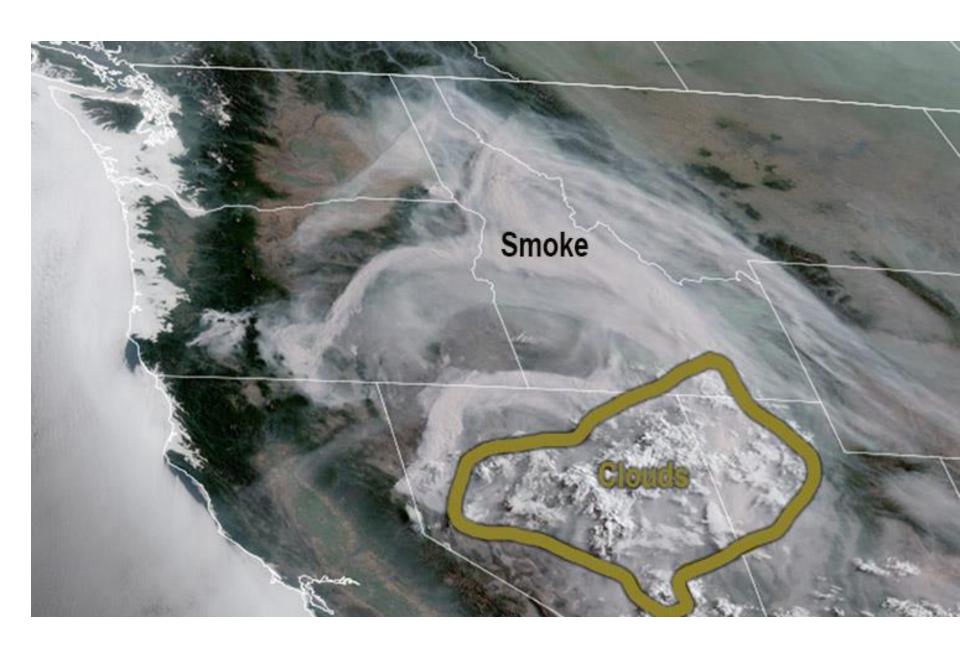
FOR SUBSCRIBERS

California college students live in vans and hotels as campus housing plans spark backlash

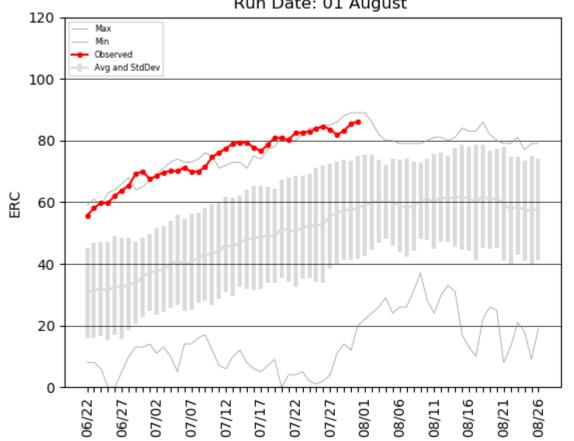
LIFESTYLE

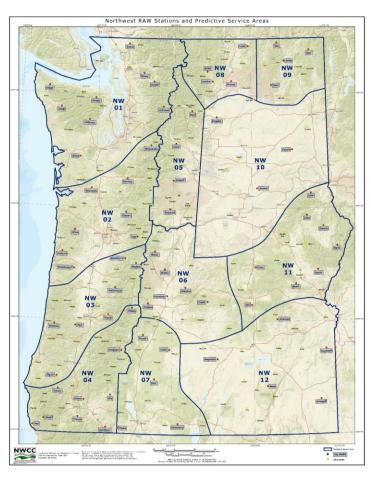
The L.A. Times 2021 holiday gift guide





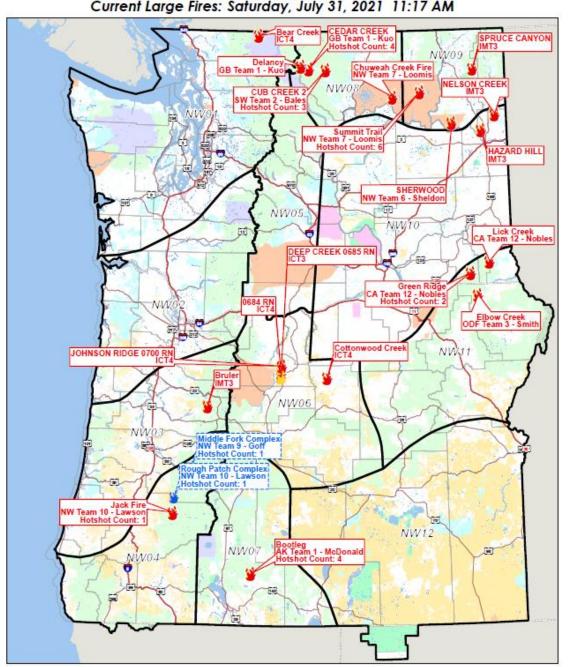
ERC-G for PSA NW09 for 2021 Run Date: 01 August





Washington and Oregon

Current Large Fires: Saturday, July 31, 2021 11:17 AM



July 2021

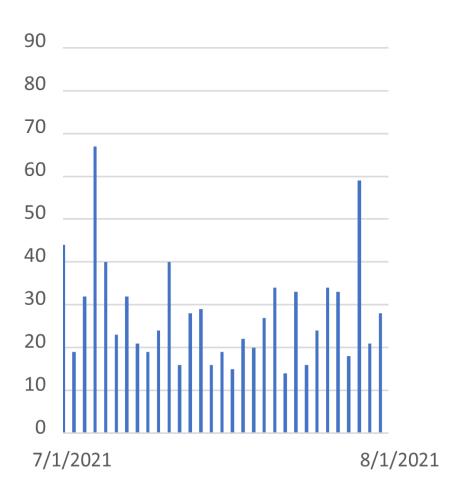
22 large fires

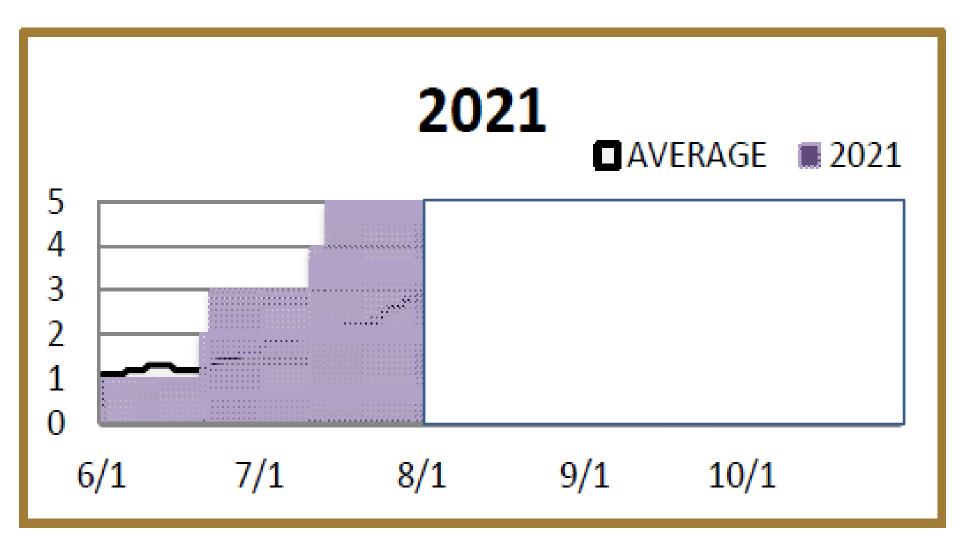
9 Incident Management Teams deployed on July 31st

Mass Ignition Dates

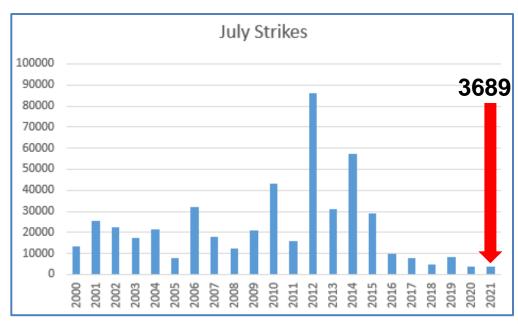
- July 1st
- July 3-6th
- July 11th
- **July 29-30th**

July Daily Ignitions

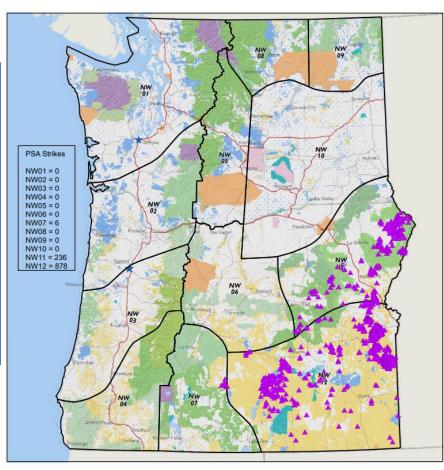




July 2021 Lightning Summary

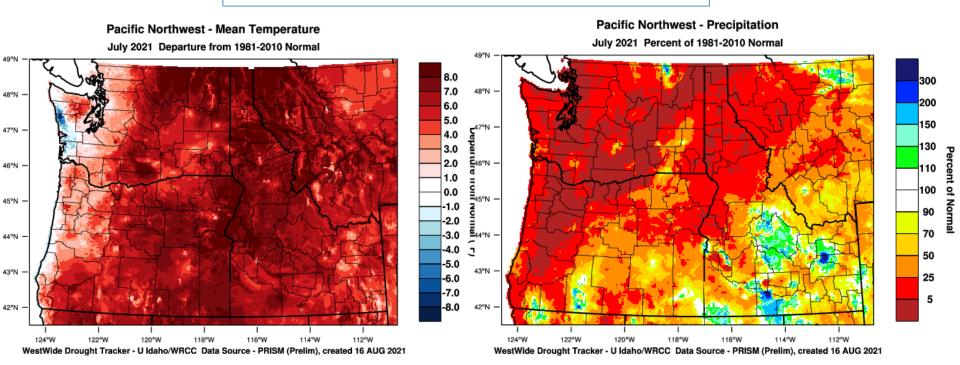


July 2021: 3689 strikes 16% of 2000-2020 July average



July 1st-2nd
1120 strikes counted by NWCC

July 2021



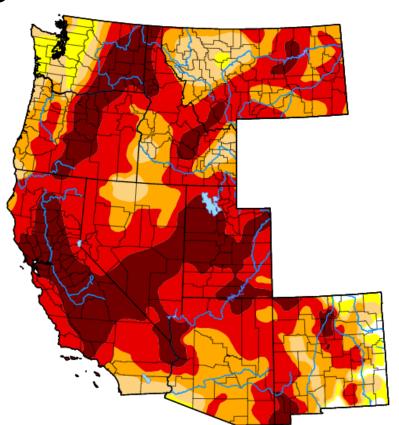
Temperature

Precipitation

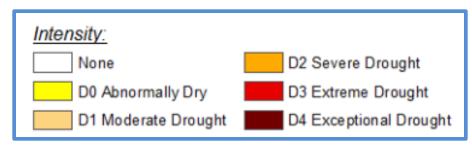
August 2021

U.S. Drought Monitor

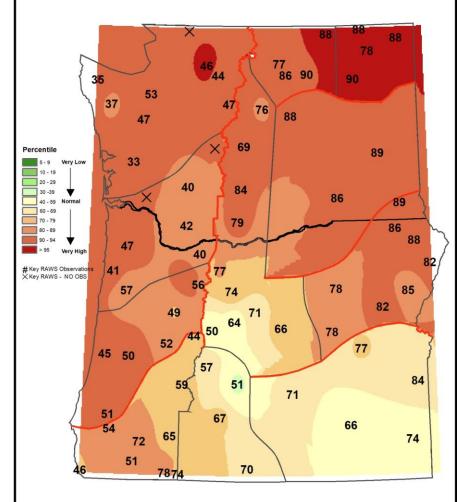
- Oregon saw significant expansion its drought just under 25% of the state is covered by exceptional drought, the most in the state's history.
- In Washington, the area in exceptional drought is at record high and now covers more than one-third of the state. Prior to this month, exceptional drought had never been observed in Washington in the 21-year history of the Drought Monitor.



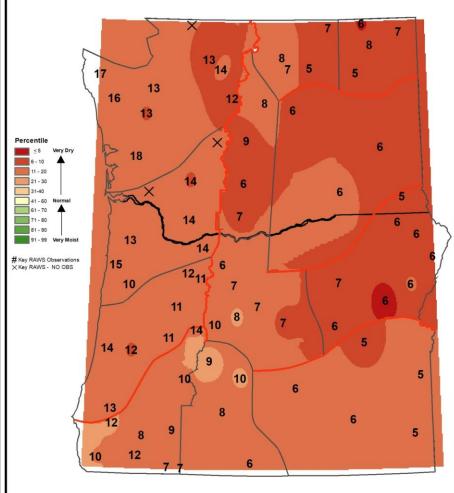
July 29th 2021



August 1st

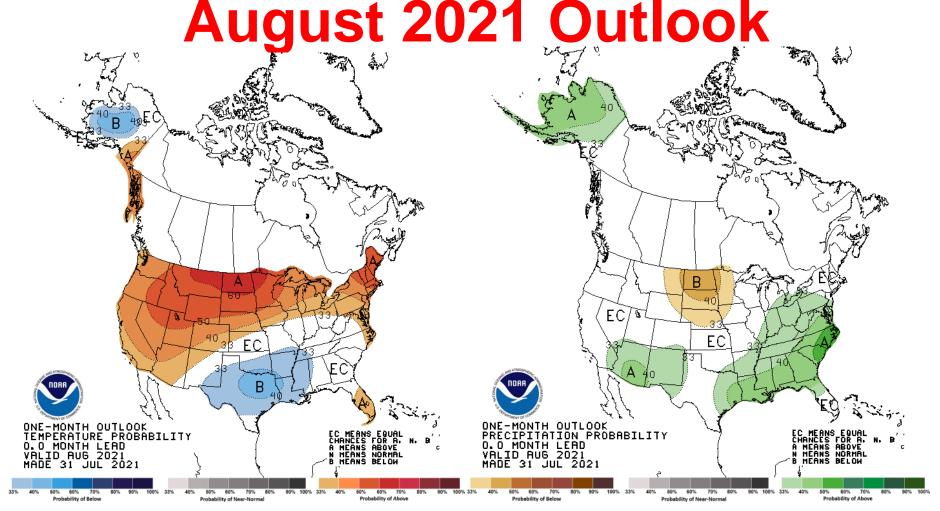


ERC



1000hr

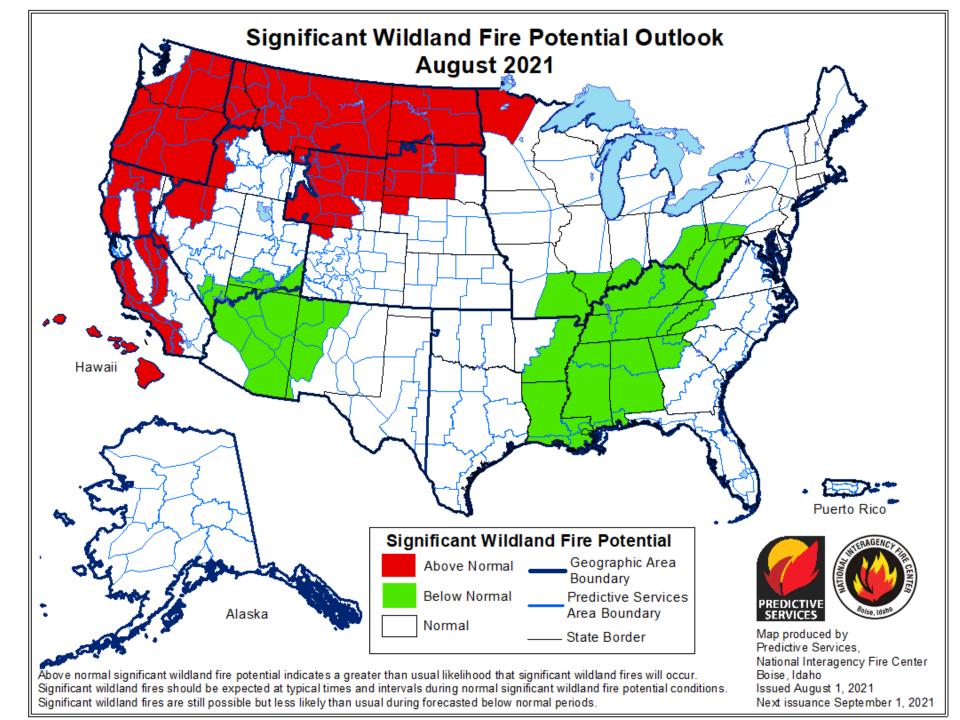


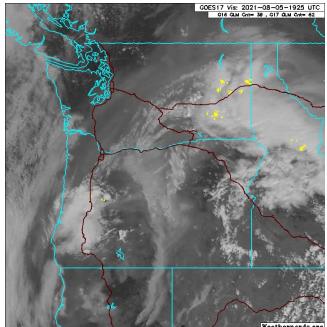


Temperature Outlook

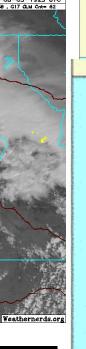
Rainfall Outlook

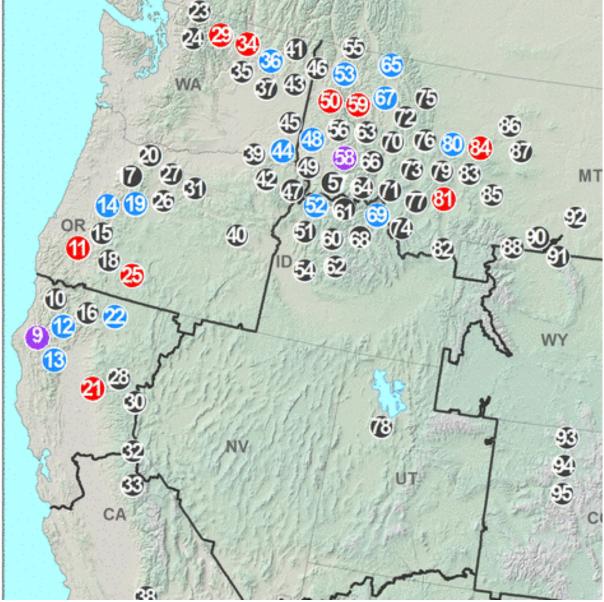
Characterization: Warmer and drier than normal is anticipated for August of 2021 over the western US, northern plains, Great Lakes, and New England. For the Pacific Northwest, the rainfall outlook is not clear.





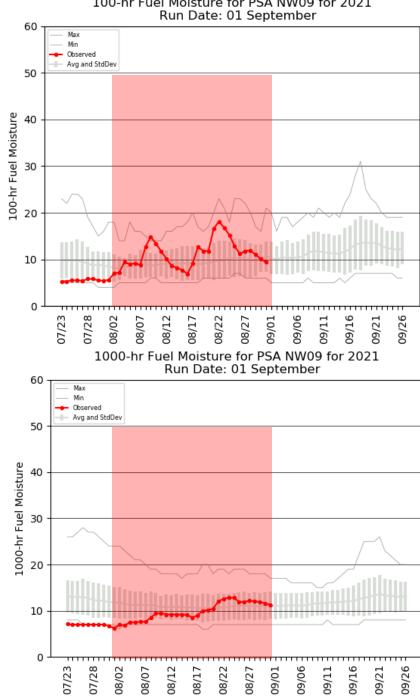
Current Large Incidents August 04, 2021

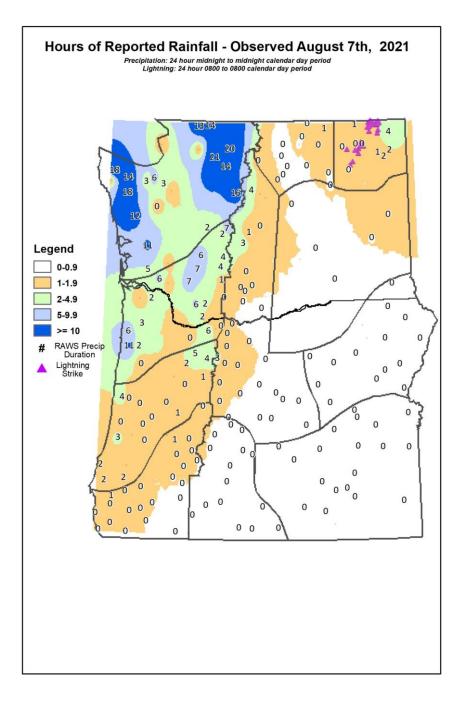




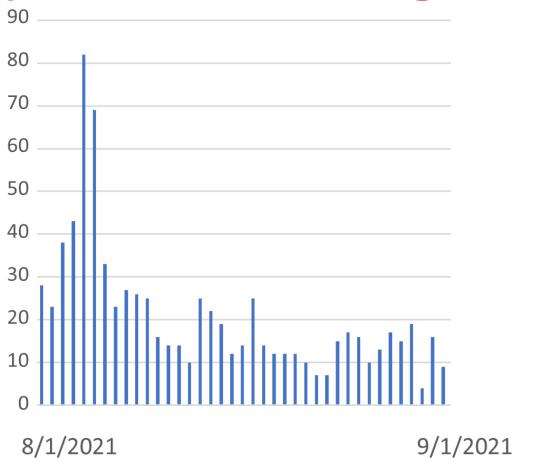


100-hr Fuel Moisture for PSA NW09 for 2021 Run Date: 01 September

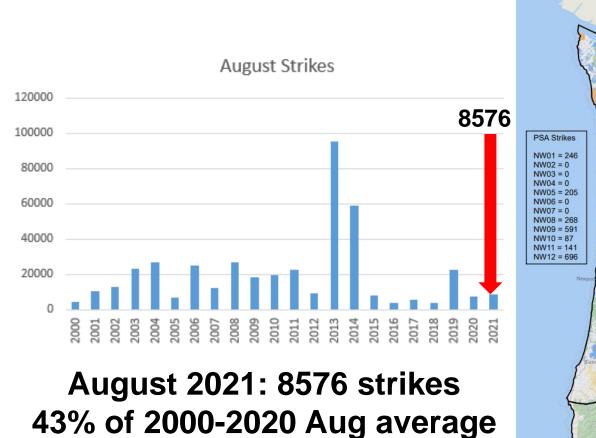


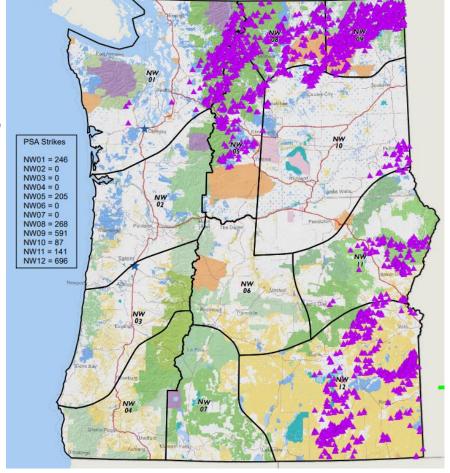


August Daily Ignitions jsaltenb@blm.gov



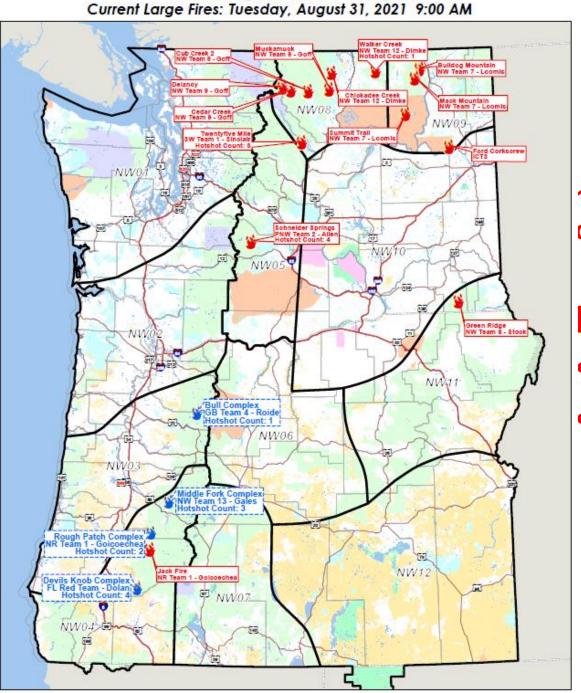
August 2021 Lightning Summary





Aug 3rd-4th 2147 strikes counted by NWCC

Washington and Oregon



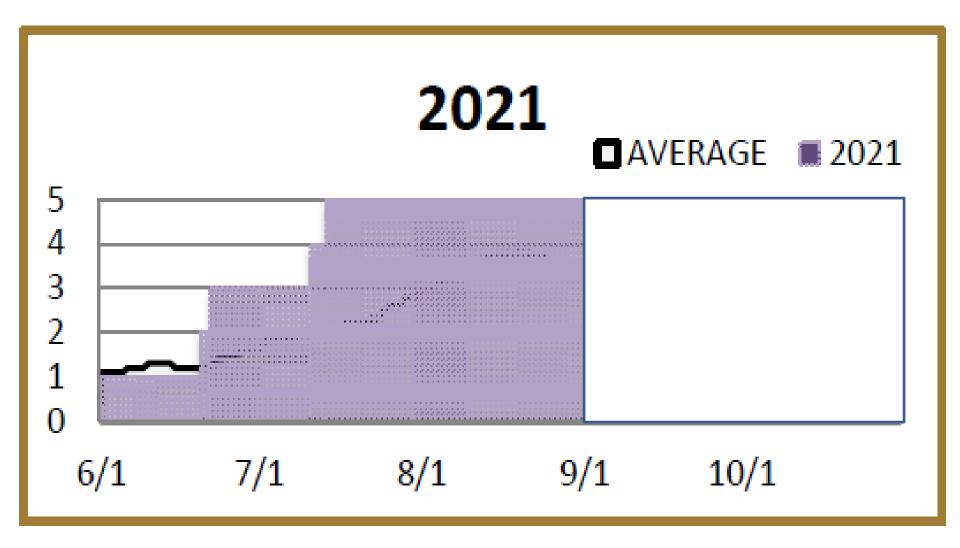
Aug 2021

17 large fires

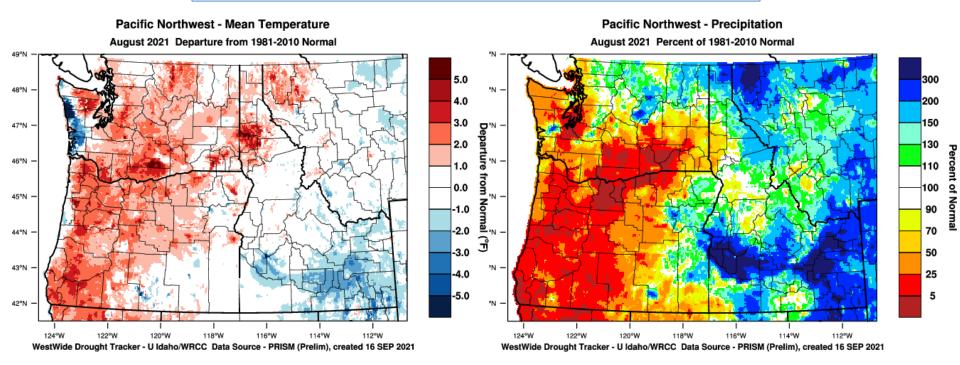
11 Incident Management Team deployed on Aug 31st

Mass Ignition Dates

- Aug 2nd-5th
- Aug 13th-15th



August 2021



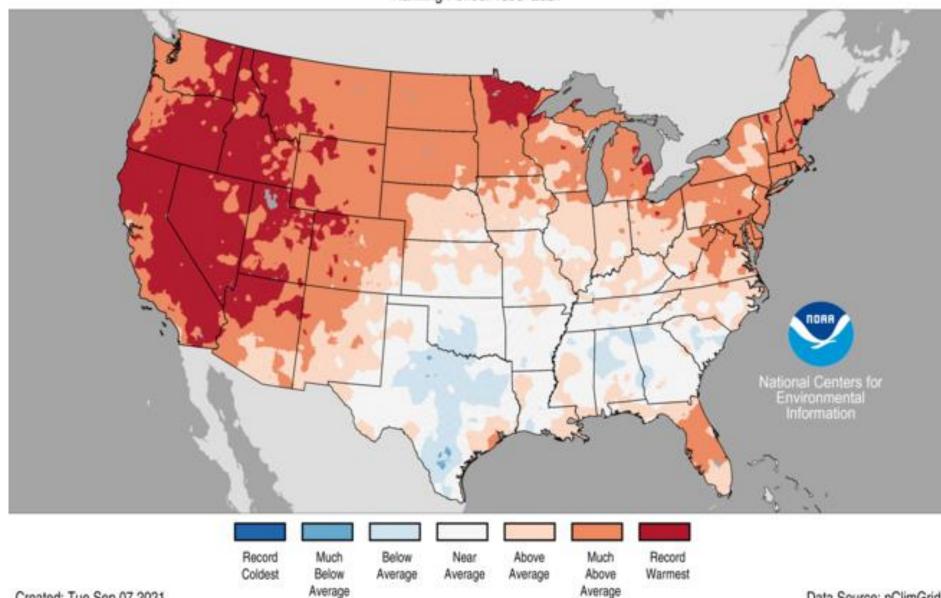
Temperature

Precipitation

Mean Temperature Percentiles

June-August 2021

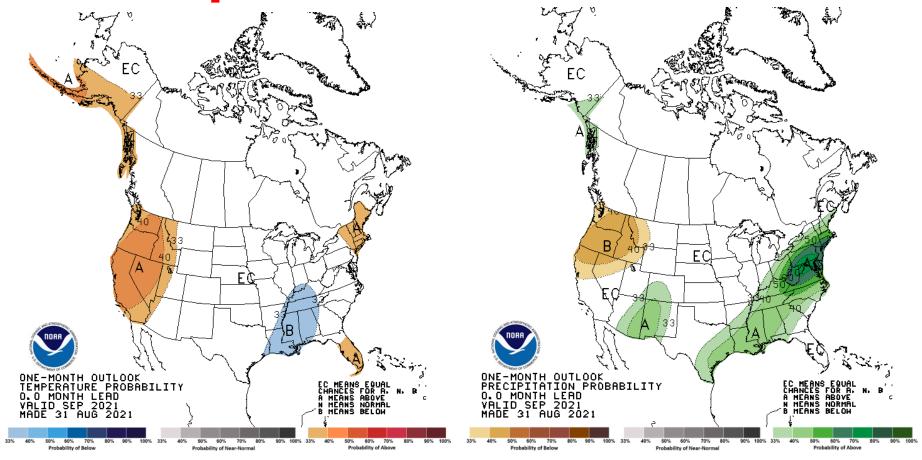
Ranking Period: 1895-2021



Created: Tue Sep 07 2021 Average Data Source: nClimGrid

September 2021

September 2021 Outlook

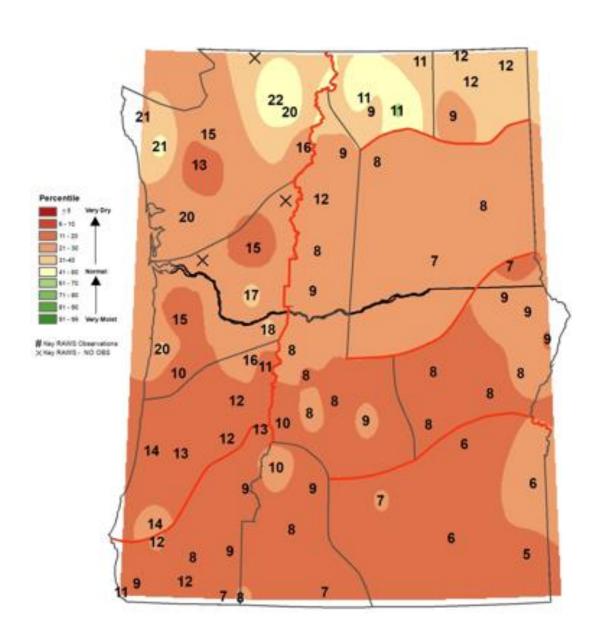


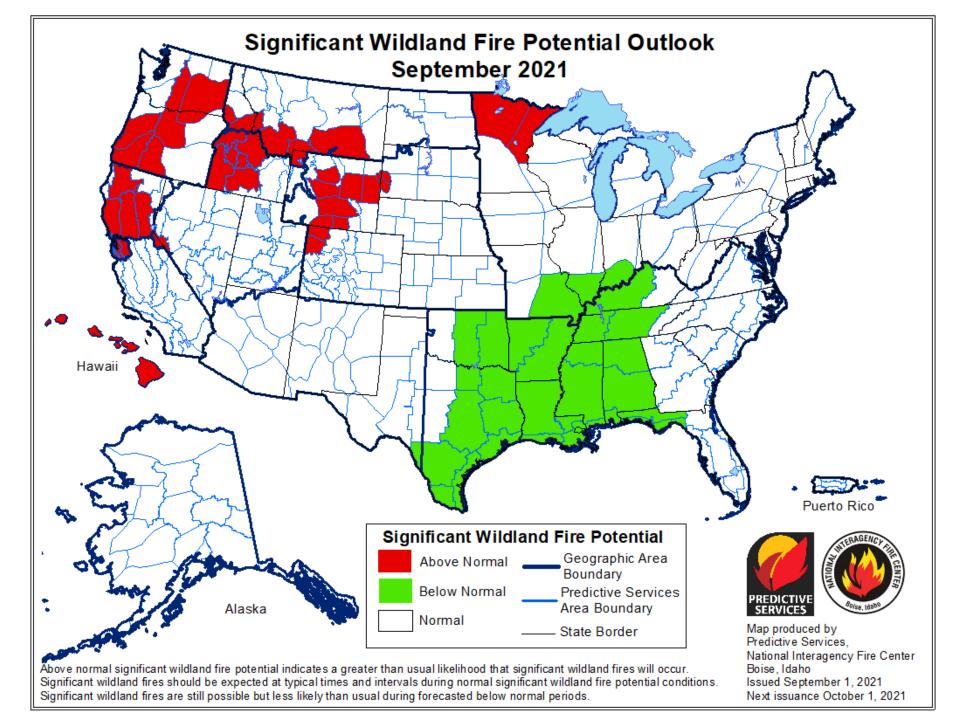
Temperature Outlook

Rainfall Outlook

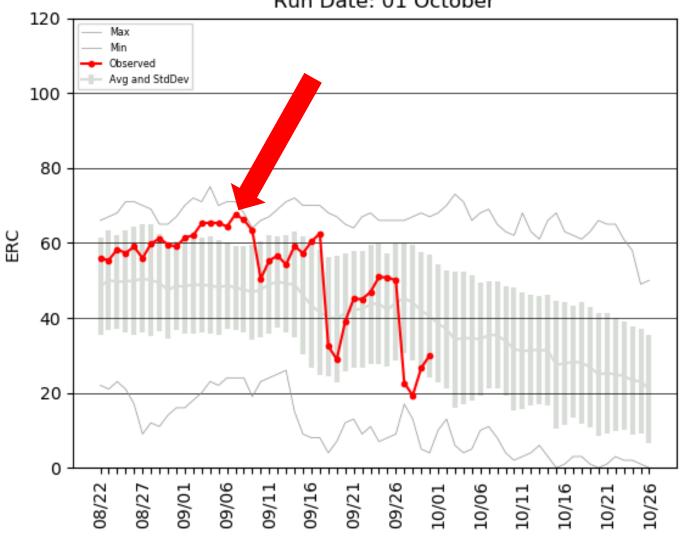
Characterization: Warmer and drier than normal is anticipated for September over the Pacific Northwest and northern California.

Observed 1000 HR Values - August 31st, 2021

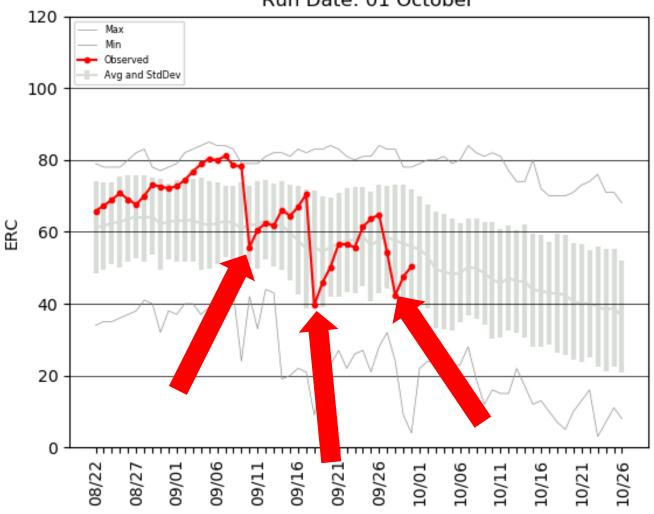


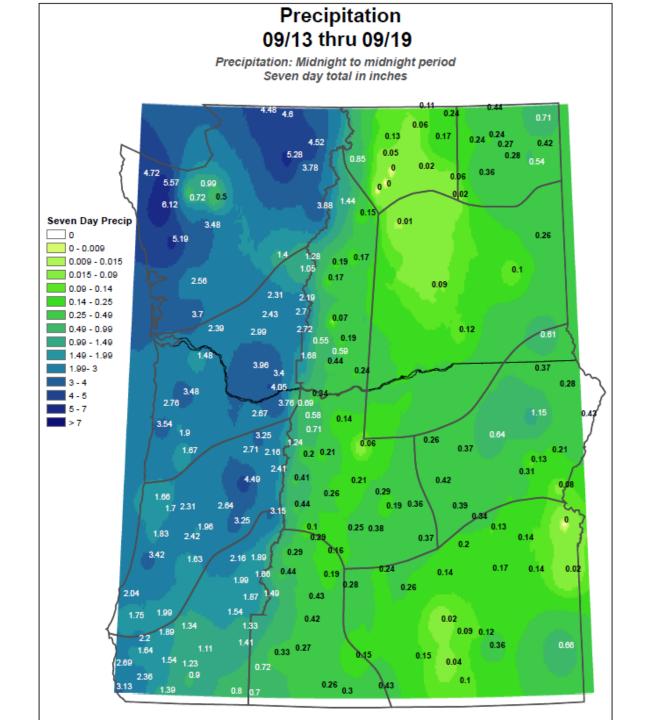


ERC-G for PSA NW04 for 2021 Run Date: 01 October

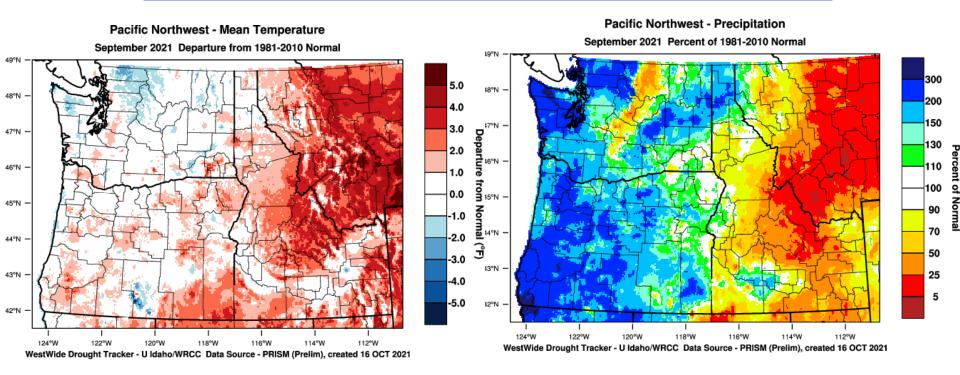


ERC-G for PSA NW07 for 2021 Run Date: 01 October



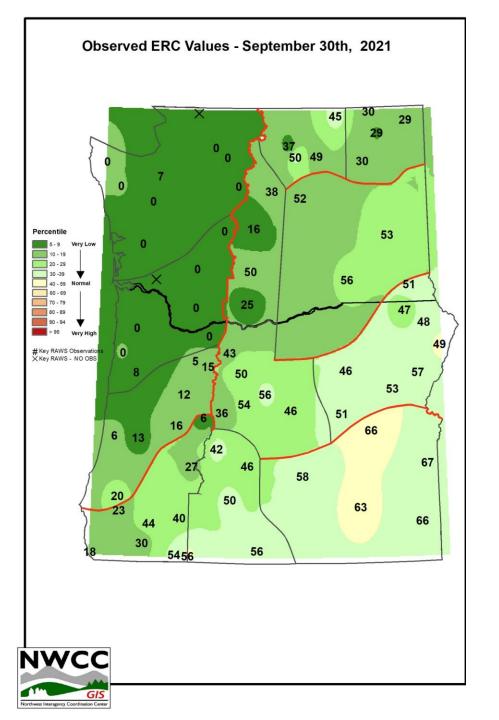


September 2021

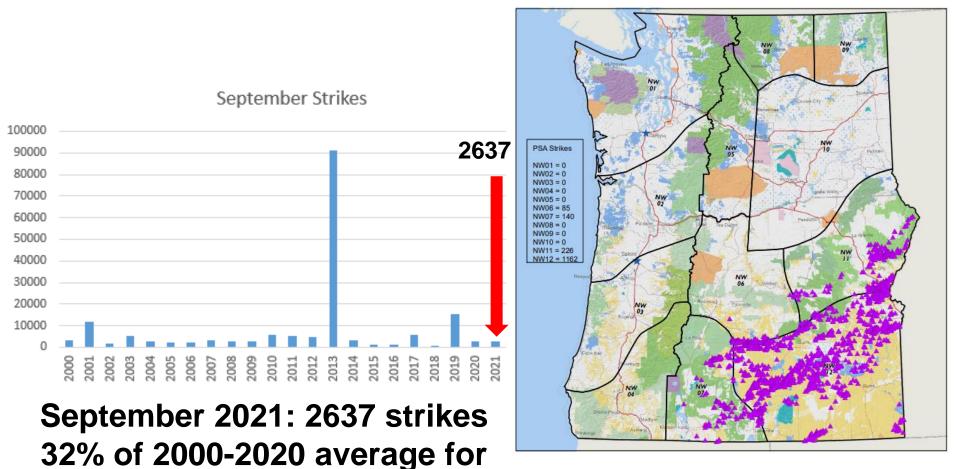


Temperature

Precipitation



September 2021 Lightning Summary

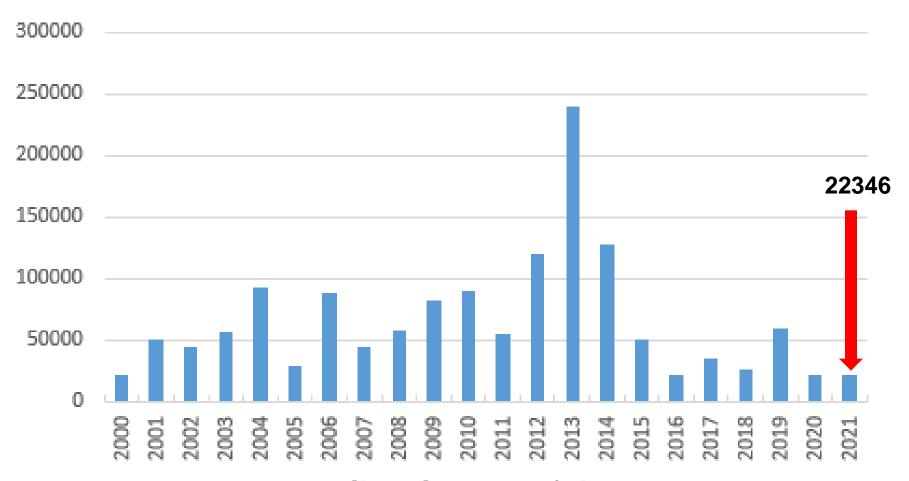


September of 8332 strikes

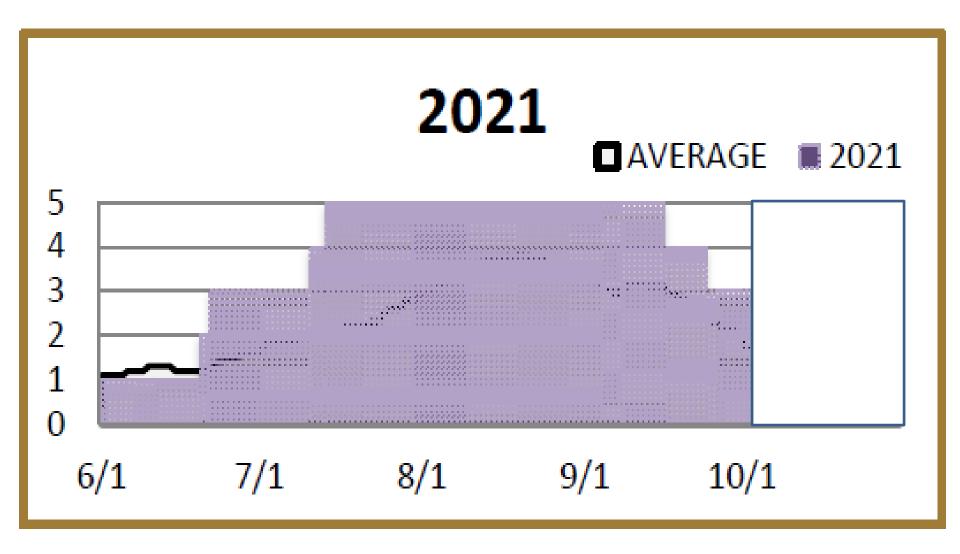
Sep 9th-10th
1248 strikes counted by NWCC

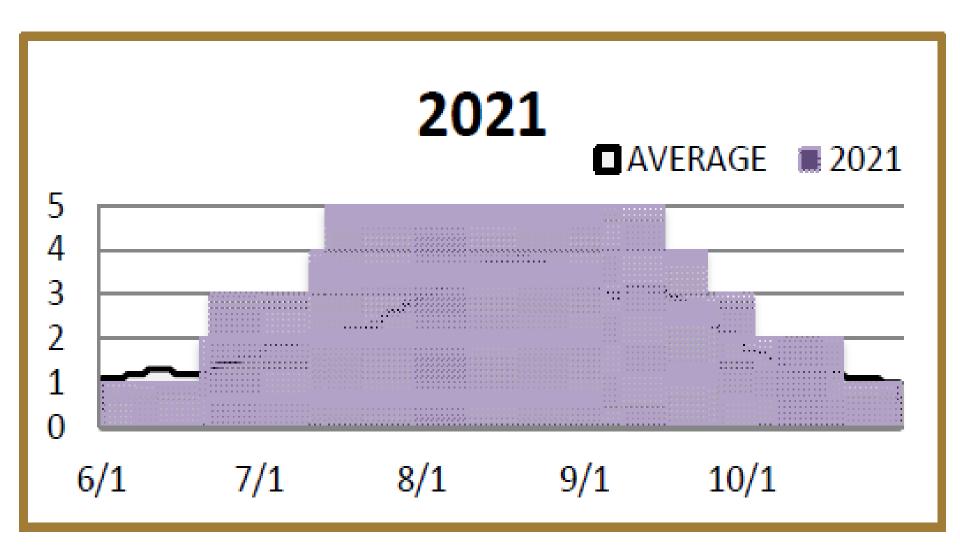
Fire Season 2021 Lightning Summary

June, July, August, September



22346 strikes is 33% of the average seasonal total of 67723 strikes.





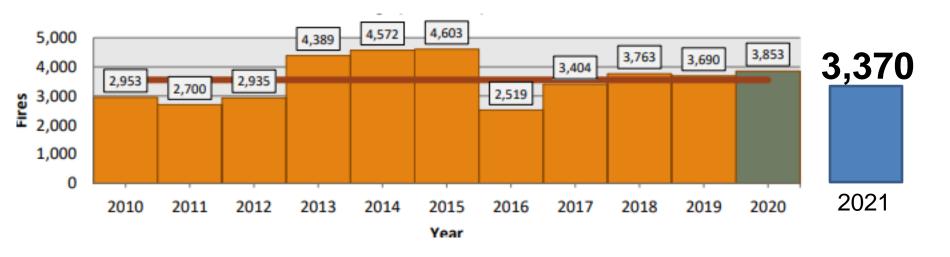
2021 Northwest Fire Statistics to Date

- Approximately 1,486,042 reported acres were affected by wildfire in the Northwest (NW):
 - 825,608 acres in Oregon
 - 660,434 acres in Washington.
- There were a total of 3,370 reported fires in the NW Geographic Area:
 - 1,547 in Oregon
 - 1,823 in Washington
- There were 85 fires meeting large fire* criteria:
 - 41 in Oregon and
 - 44 in Washington.
- The Northwest Geographic Area was at Preparedness Level 5 for a total of 65 days. The previous record was 40 days in 2017.

2021 Northwest Fire Statistics to Date

- In Oregon the largest fire/complex is the Bootleg for a total of 413,717 acres.
- The largest fire/complex in Washington is the Schneider Springs at 107,118 acres.
- During peak fire activity, over 9,409 firefighters and support personnel were actively working on NW fires.

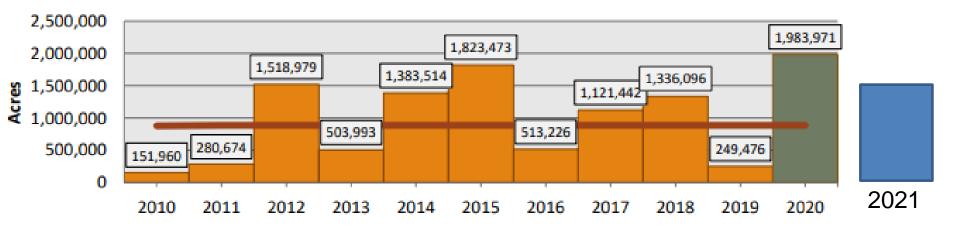
10 Year Running Number of Regional Ignitions Average = 3553



- 1,547 ignitions in Oregon
- 1,823 ignitions in Washington

10 Year Running Number of Regional Acres Average = 888,283

1,486,042



- 825,608 acres in Oregon
- 660,434 acres in Washington.

Decadal Trends in Burned Area

