



Fire Danger Interpretation:

Energy Release Component (ERC) – 5 levels, each level represents the threshold above which most fires of a certain size class (50th, 90th, 97th percentile) were historically discovered.

Max – Highest ERC by day, 2000-2019
 Avg – Average ERC by day, 2000-2019
 2015 – A Year to Remember

Remember What Fire Danger Tells You:

ERC gives seasonal trends calculated from 1400 temperature, humidity, daily temperature and RH ranges, and precipitation duration. Wind is NOT part of the ERC calculation. Watch local conditions and variations across the landscape – Fuel, Weather, Topography Listen to forecasts, especially WIND

Local Thresholds – Watch Out

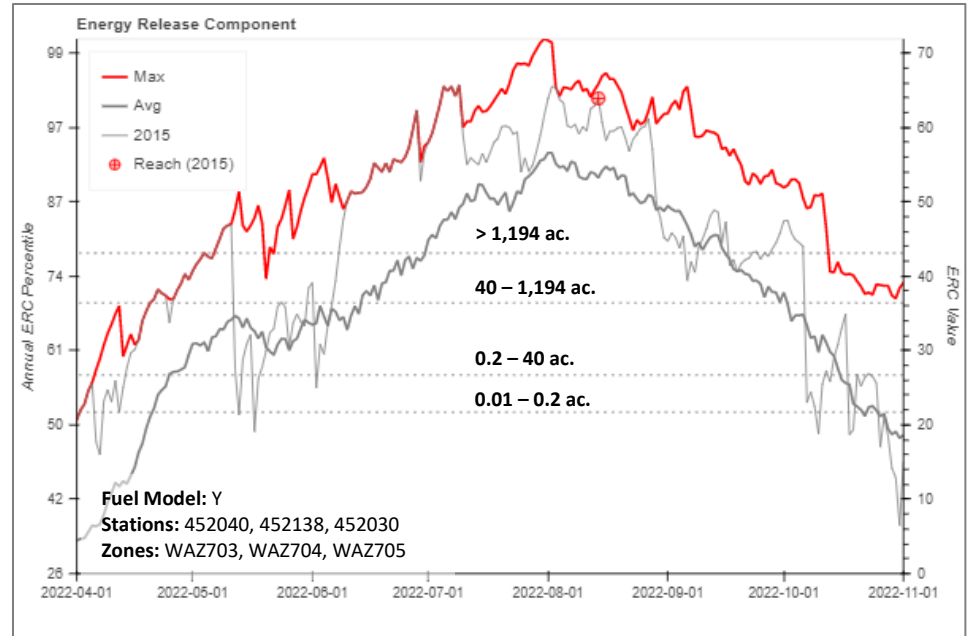
Strong winds preceded by or during periods of low RH, especially *Dry Cold Front Passage*, *Haines 5/6* including *Thermal Trough Passage*, RH <20%

Past Experience

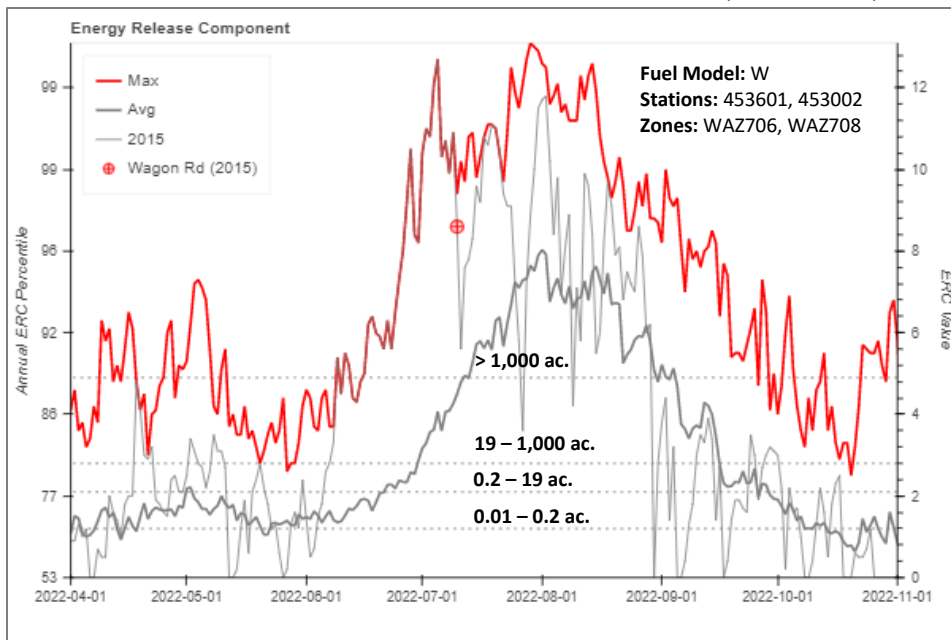
ERC >=90th percentile & poor overnight humidity recoveries <45%, especially consecutive days, are often correlated with extreme fire behavior (fire runs >1 mile)

Central Washington Interagency Communications Center

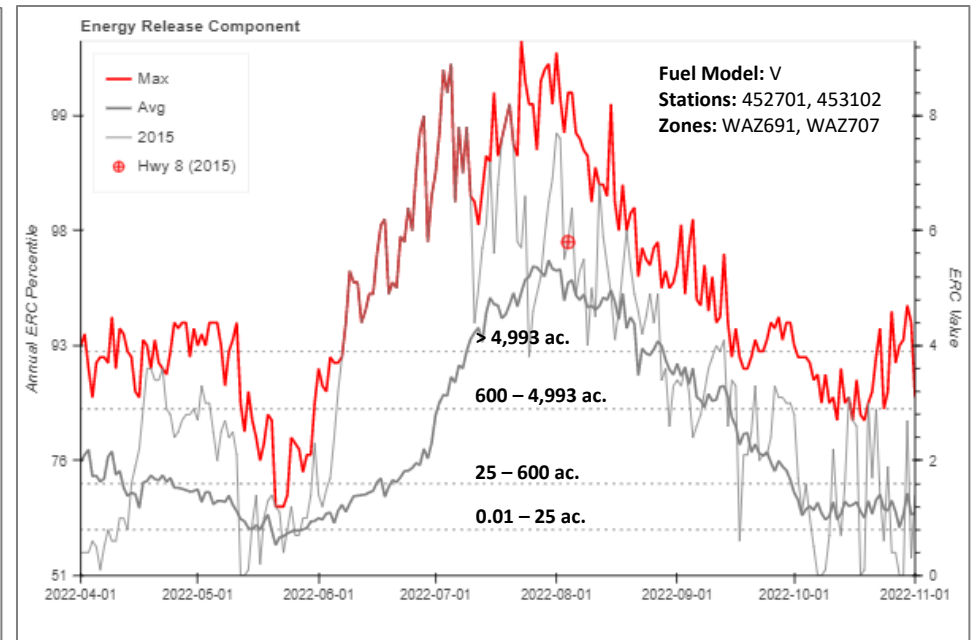
Current seasonal and daily National Fire Danger Rating data can be found by scanning the QR code above or navigating to <https://gacc.nifc.gov/nwcc/districts/CWICC/>



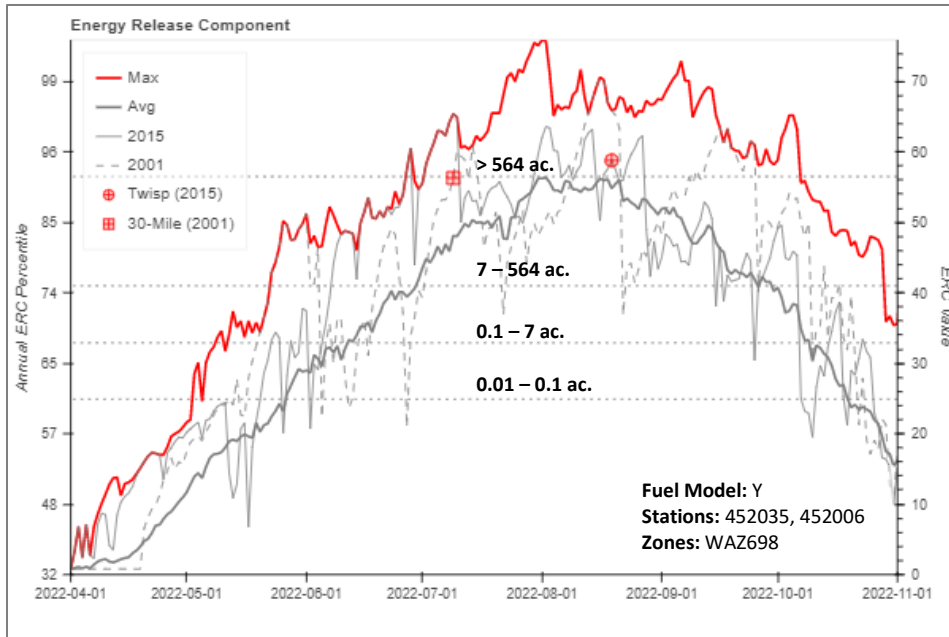
Valley: Okanogan and Columbia River valley grass and brush in Chelan and Okanogan counties.



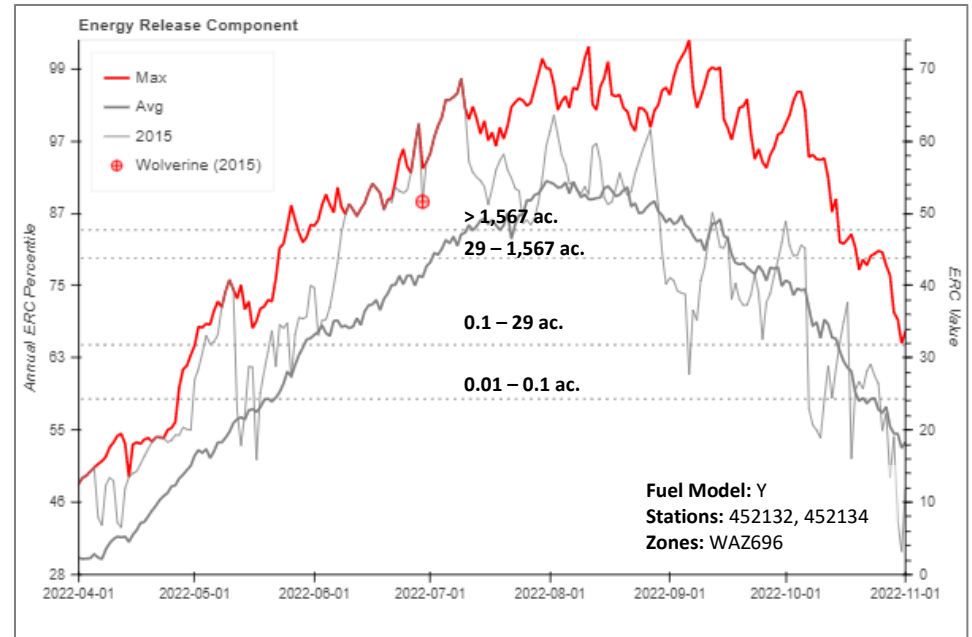
Upper Basin: Interior Columbia Basin brush and grass generally above 1,500 feet elevation.



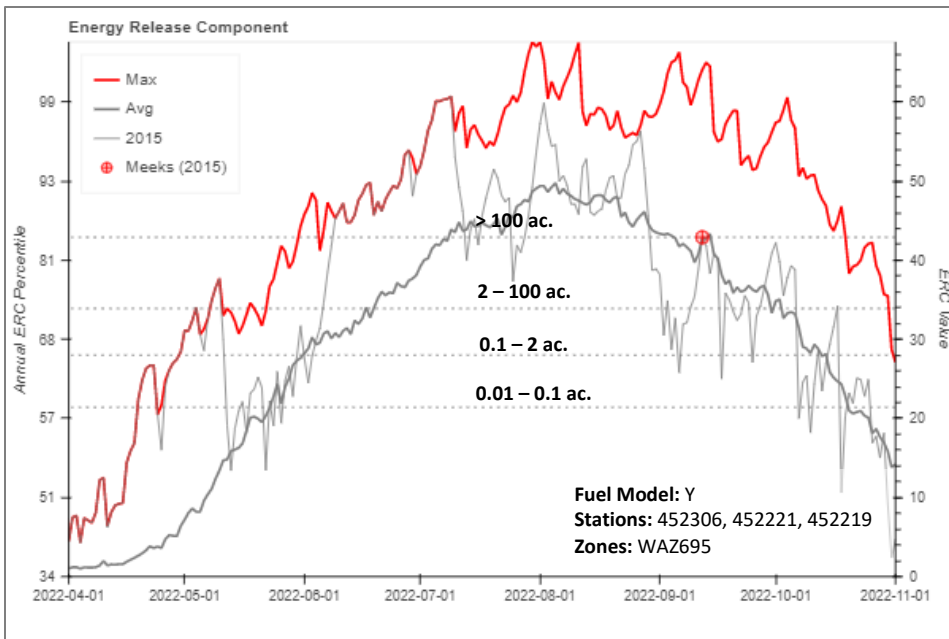
Lower Basin: Interior Columbia Basin brush and grass generally below 1,500 feet elevation.



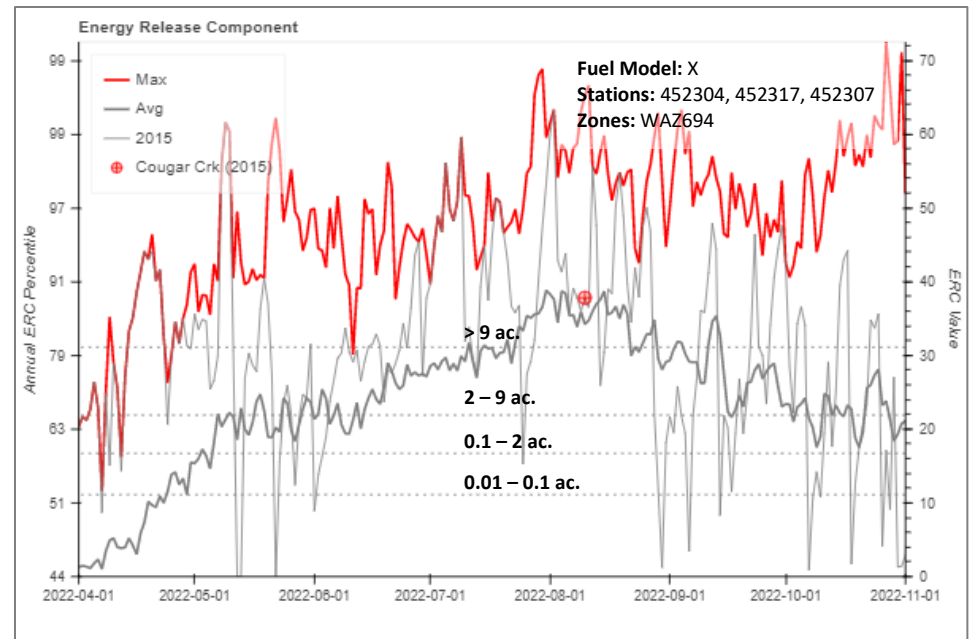
Methow: Eastern slope of the Cascade Mountain Range in Okanogan County from the Cascade crest downslope to the point where forest cover becomes limited by moisture and aspect.



Chelan: Eastern slope of the Cascade Mountain Range in Chelan County from the Cascade crest downslope to the point where forest cover becomes limited by moisture and aspect.



Upper Yakima: Eastern slope of the Cascade Mountain Range in Kittitas and Yakima County south to the Yakama Nation from the Cascade crest downslope to the point where forest cover becomes limited by moisture and aspect.



Lower Yakima: Eastern slope of the Cascade Mountain Range on the Yakama Nation and in Klickitat County from the Cascade crest downslope to the point where forest cover becomes limited by moisture and aspect.