

NE WA Interagency Communications Center

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#### Fire Danger Interpretation:

Energy Release Component (ERC) Breakpoint – thresholds dividing ERC into 5 levels of Preparedness based on fire business.

Max – Highest ERC by day, 2000-2019 Avg – Average ERC by day, 2000-2019

Avg – Average ERC by day, 2000-2 2015 – A Year to Remember

# Remember What Fire Danger Tells You:

Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature and RH ranges, and precip duration.

Wind is not part of ERC calculation

Watch local conditions and variations across the landscape –

Fuel, Weather, Topography

Listen to weather forecasts, especially WIND

Local Thresholds - Watch Out

Combinations of any of these factors can greatly increase fire behavior:

20 ft. Windspeed over 6 mph

RH less than 16%

Temperature over 89

#### Past Experience

Many fires in NE Washington exhibit significant fire growth following poor humidity recovery (<40%) and dry cold front passage.



# Northeast Washington Interagency Communications Center

Current seasonal and daily National Fire Danger Rating data can be found by navigating to http:// pnwwildfireplanning.pythonanywhere.com/ nfdrs/r6map/

## Fire Danger Interpretation:

Burning Index (BI) Breakpoint – thresholds dividing BI into 5 levels of staffing based on fire business.

Max - Highest BI by day, 2006-2020

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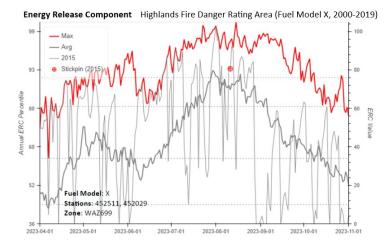
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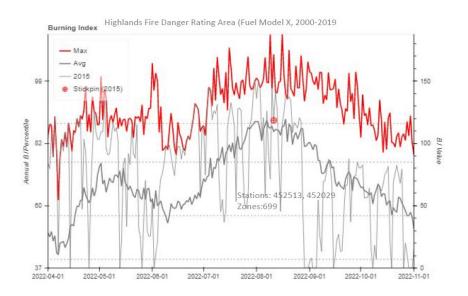
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**Highlands:** The east and west slopes of the Kettle Mountain Range covering Ferry County, northern Stevens, and eastern Okanogan County.



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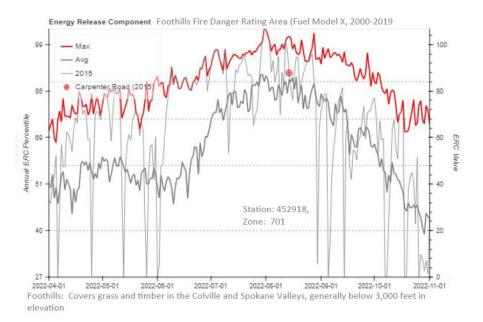
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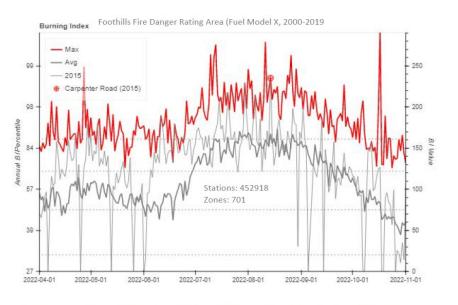
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Foothills: Covers grass and timber in the Colville and Spokane Valleys, generally below 3,000 feet in elevation.



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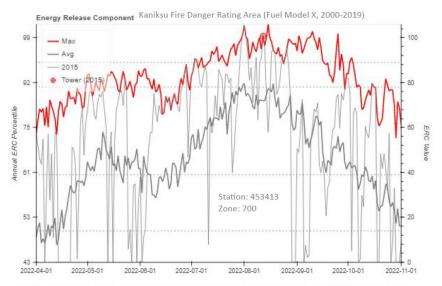
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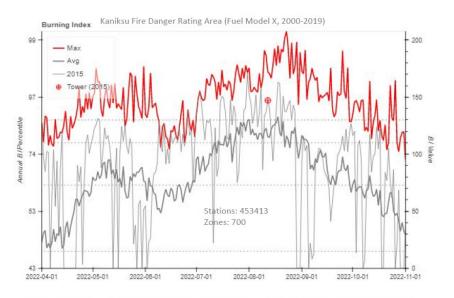
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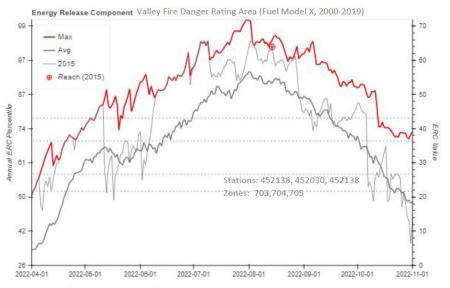
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Valley: Columbia and Okanogan valley brush and grass in Chelan and Okanogan Counties.



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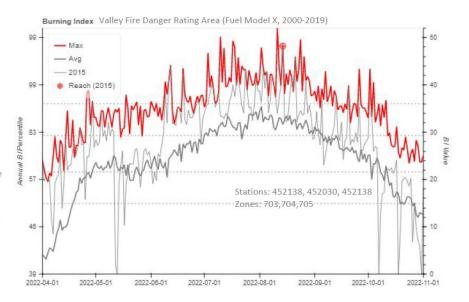
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