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
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://pnmwildfireplanning.pythonanywhere.com/nfds/rewmap/

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

**Local Thresholds** – Watch Out

Combinations of any of these factors can greatly increase fire behavior:
- 20 R. 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.

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**Burning Index (BI) Breakpoint** – thresholds dividing BI into 5 levels of staffing based on fire business.
- Max – Highest BI by day, 2000-2020
- Avg – Average BI by day, 2000-2020
- 2015 – A Year to Remember

**Remember What Fire Danger Tells You:**

Burning Index gives day to day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature and RH ranges, and precip duration.

Wind is part of BI calculation.

Watch local conditions and variations across the landscape – fuel, weather, topography.

**Local Thresholds** – Watch Out

Combinations of any of these factors can greatly increase fire behavior:
- 20 R. 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.

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Kaniksu Fire Danger Rating Area (Fuel Model X, 2000-2019)

Stations: 453413
Zones: 700

Kaniksu: Timbered stands in Stevens and Pend Orielle counties, generally above 3,000 feet in elevation.
**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
- 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/


- Max
- Avg
- 2015
- Reach (2015)

Stations: 452138, 452030, 452138
Zones: 703, 704, 705

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

**Burning Index Valley Fire Danger Rating Area (Fuel Model X, 2000-2019)**

- Max
- Avg
- 2015
- Reach (2015)

Stations: 452138, 452030, 452138
Zones: 703, 704, 705

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