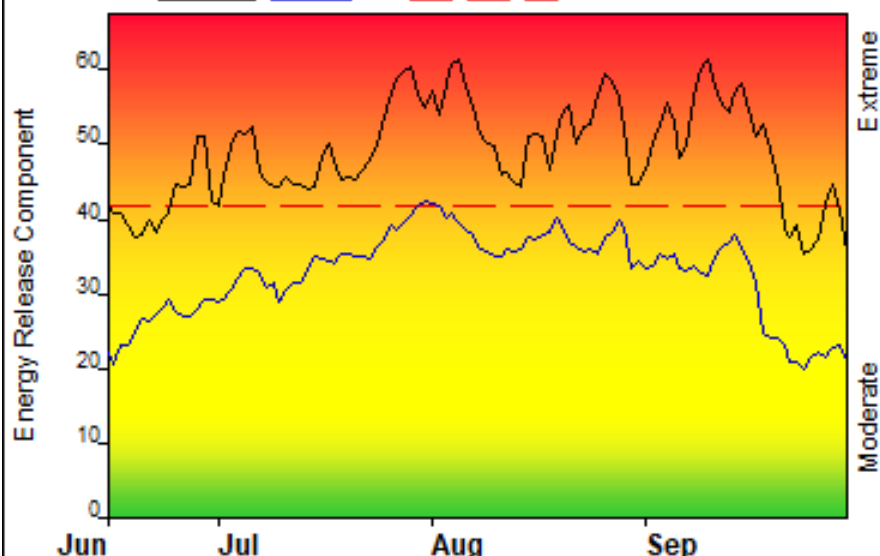


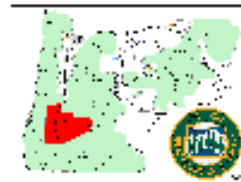
## FIRE DANGER -- Douglas FPA

Maximum, Average, and 80th Percentile, based on 10 years data



## Fire Danger Area:

- ◆ Douglas FPA
- ◆ FWx Zones 616, 617
- ◆ Granddad, Silver, N.Bank
- \* Meets NWCG Wx Station Standards



## Fire Danger Interpretation:

- EXTREME** -- Use extreme caution
- High** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by day for 2012 - 2021

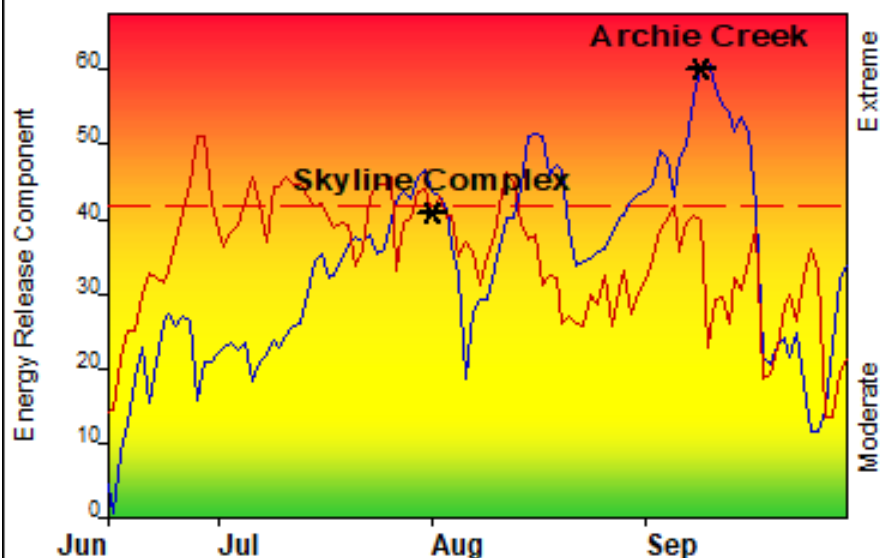
Average -- shows peak fire season over 10 years (1080 observations)

80th Percentile -- 20% of the 1080 days from 2012 - 2021 had an Energy Release Component above 41

## Local Thresholds - Watch out:

- Combinations of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 15 mph, RH less than 25%,
  - Temperature over 85, 1000-Hour Fuel Moisture less than 13

## Years to Remember: 2020 2021



## Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from temperature, humidity, daily temperature & 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.

## Past Experience:

- 100 Hr FM less than 10%
- 46% of Significant Large Fires occur at an ERC of 42 or above (80th percentile)
- Steep slopes with heavy dead and live fuel loading are prevalent throughout the area including many large fire scars with an abundance of large snags. These factors contribute to large fire growth and limit Human and Mechanized Line production.
- In open stands and on south aspects brush component may contain significant concentrations of Blackberry cane. By late July these fuels become prone to intense runs, spotting and can produce flame lengths of 10 -20 feet.

Fuel Model: Y - Timber (2016)

Responsible Agency: DOUGLAS District /DFPA ODF  
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Design by NWCG Fire Danger Working Team