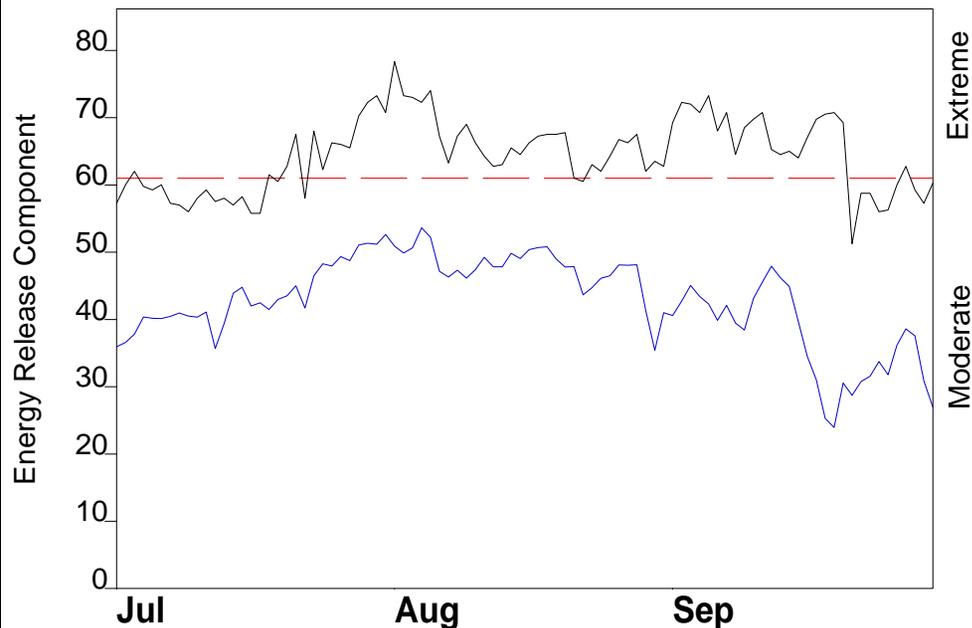


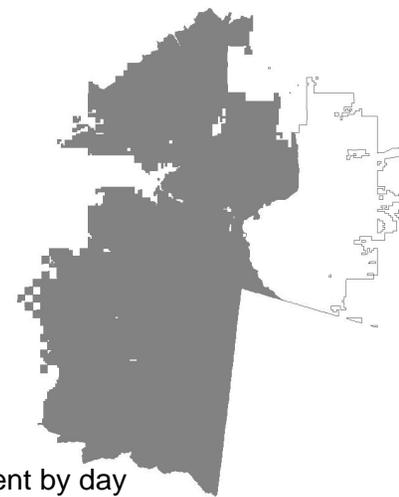
# FIRE DANGER -- Mt Hood West

Maximum, Average, and 90th Percentile, based on 15 years data



# Fire Danger Area:

- Mt Hood West
- Fire Weather Zone 0R607
- Boulder-351909, Redbox-350718, Wanderer's Peak-350726
- \* Meets NWCG Wx Station Standards

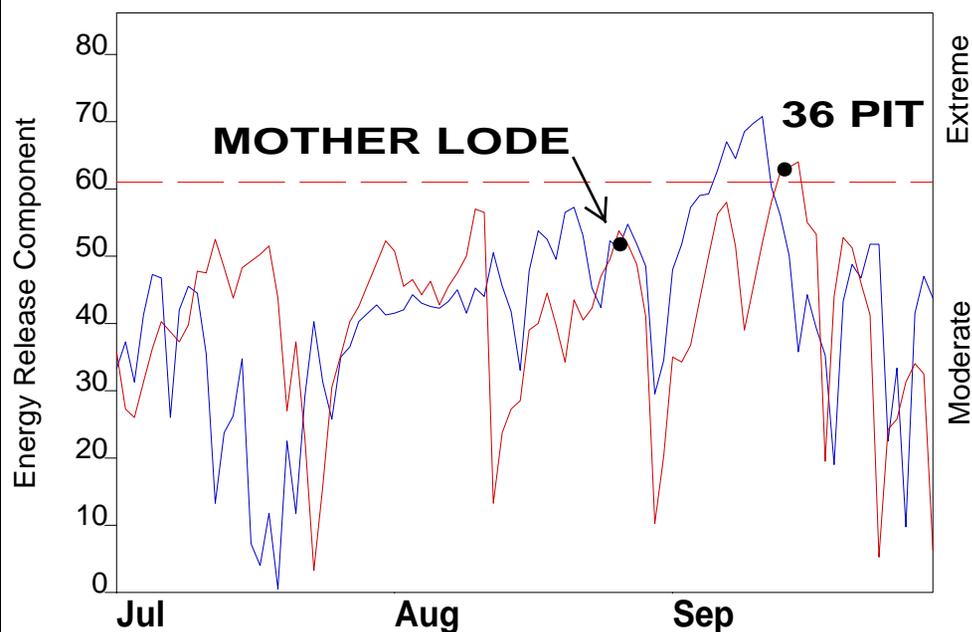


# Fire Danger Interpretation:

Extreme- Use extreme caution  
 Moderate- Watch for change  
 Maximum -- Highest Energy Release Component by day for 2003 - 2017  
Average -- shows peak fire season over 15 years (1380 observations)  
90th Percentile -- Only 10% of the 1380 days from 2003 - 2017 had an Energy Release Component above 61

**Local Thresholds - Watch out:** Combinations of any of these factors can greatly increase fire behavior:  
 Temp over 75      ERC over 50      RH less than 35%  
 100 Hr Fuel Moisture less than 10%      Haines Index 5 or 6

# Years to Remember: 2011 2014



Fuel Model: K - Light Slash

# Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 1PM: temperature and humidity. And from 24 hour temperature range, RH range, and precipitation duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape
- Fuels:** Heavy dead/down and/or lichen draped canopies
- Weather:** Thermal troughs- High temp, low RH, East wind, and instability  
 Gusty winds may cause rapid spread in moderate conditions
- Topography:** Terrain or features that funnel and increase wind speed  
 Steep slopes exposed and unexposed to winds
- ✓ Listen to weather forecasts -- Temp, RH, Wind, and Haines.

# Past Experience:

Fire	Date	Max Temp	Min RH	100 Hr FM	ERC	Acres
Mother Lode	08/26/2011	84	30	14	51	2033
36 Pit	09/13/2014	79	18	10	63	5511