Blue Mountain Interagency
Fire Danger Pocket Card
2021

- National Forests: Malheur, Umatilla, Wallowa-Whitman
- ODF Units: John Day, LaGrande, Pendleton, Wallowa
- WA DNR: portions of SE Region
- 6 Fire Danger Rating Areas (FDRA)
- All weather stations (RAWS) utilized meet NWCG Standards.

Remember what Fire Danger tells you:
- Energy Release Component (ERC) Indicates fire season severity trends. Calculated from 2pm and 24hr min/max temperature and humidity, and 24hr precipitation duration. (Wind is NOT part of calculation)
- Pay attention to local conditions and variations across the landscape: Fuel, Weather, and Topography.
- Listen to weather forecasts and local weather readings—especially WIND.

Critical Thresholds:
- Winds >12 MPH
- Temperature > 90
- RH < 20%
- 1000 hr fuels < 11%
- Live Woody FMC < 80%
- Haines Index 5 or 6

Watchouts: Red Flag Warnings or Very Dry Fuels combined with one of the following:
- Lightning with little or no precipitation.
- Strong Winds combined with Low Humidity, including Dry Cold Front passage.
- Dry Unstable Air Mass—Haines Index 5 or 6, including Surface Thermal Trough Passage.

Interpretation of Charts:
- Title—Describes the Fire Danger Rating Area (FDRA) the chart applies to.
- Subtitle—Identifies weather stations (RAWS) utilized, NFDRS fuel model, and years analyzed for that particular FDRA.
- Maximum—Highest ERC recorded for that day during the analysis period.
- Average—Average ERC recorded for that day during the analysis period.
- Large Fire Threshold—The majority of past fires >300 acres occurred above this ERC value.
- Year—the ERC values recorded for that season.
- Large Fire Symbol—Day fire discovered that resulted in a fire >300 ac.
- Fuel Model Y—Timber Litter; Dead and down woody fuels.