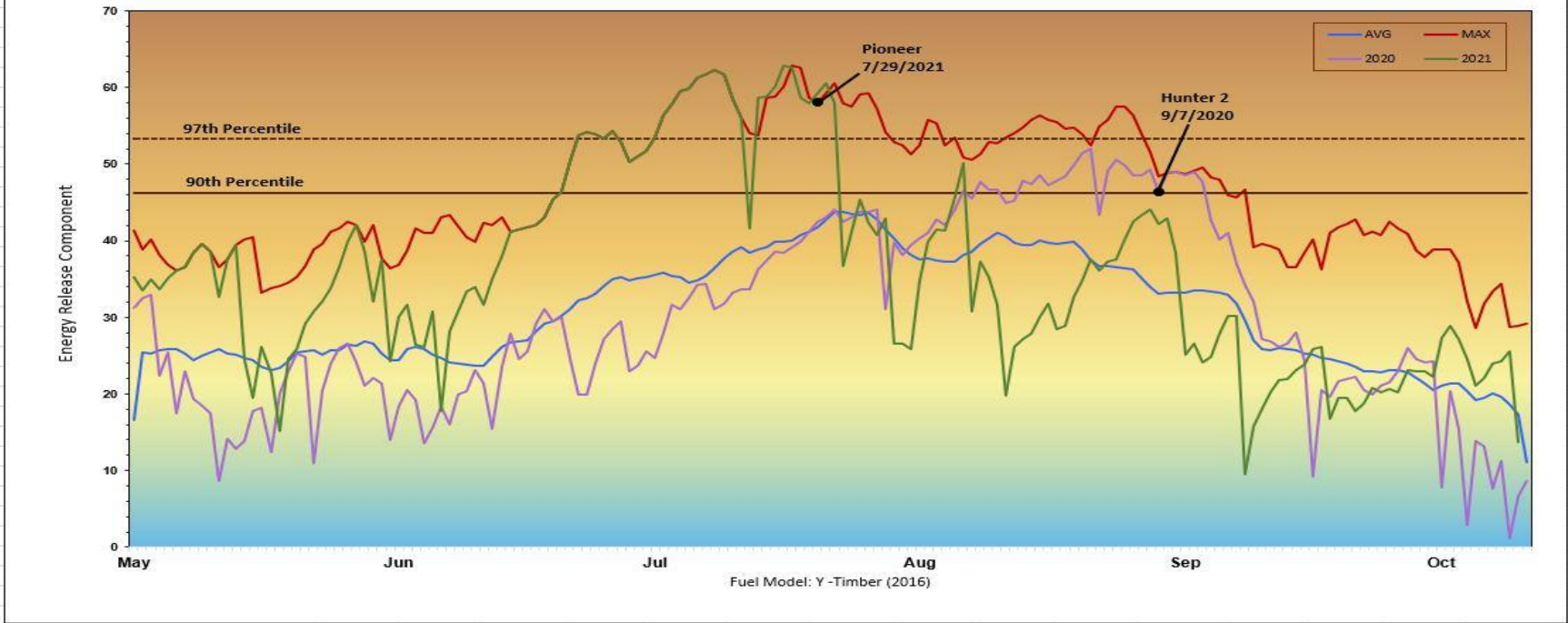


## North Valleys-North Idaho Zone



**FIRE DANGER AREAS:** NIZ-North Valleys

**FORECAST ZONE:** NOAA ID101

**North Valleys FDRA SIG RAWs**

100101 Bonners

100208 Hoodoo

Stations meet NWCG Weather Station Standards



Daily Indices

**GRAPH INTERPRETATION:** Energy Release Component (ERC)

ERC gives seasonal trends calculated from temperature, humidity, and precipitation duration.

**EXTREME** – Use Extreme Caution

**HIGH** – Watch for Change

**MODERATE** – Lower Potential, but always be aware.

**AVG** – Mean ERC by day, over 15 years.

**MAX** – Highest ERC by day for 2009-2023.

**90<sup>th</sup> Percentile** – 10% of 2445 days from 2009-2023 had an ERC above 46.

**97<sup>th</sup> Percentile** – 3% of 2445 days from 2009-2023 had an ERC above 53.

**LOCAL THRESHOLDS – WATCHOUT:** Combinations of any of these factors can greatly increase fire behavior.

20' Wind Speed > 15 mph

RH < 20%

Temperature > 80 F

1000-Hour Fuel Moisture < 15%

**PAST EXPERIENCE:**

NV FDRA, pay special attention to WUI Watch Outs. In addition to ERC over 90<sup>th</sup> percentile, pay attention to Burning Index (BI) over the 85<sup>th</sup> percentile.

**2020 Hunter 2** fire (684 acres) ignition 9/7/2020 with several hundred acres and long-range spotting during initial attack. 9/7/20 conditions; ERC @ 90%, BI above 90%, and 1000-Hr fuels @ 11%.

**2021 Pioneer** fire (355 acres) ignition 7/29/2021 with ERC above 97<sup>th</sup> and 1000-Hr fuels @ 11%. 6/22 through 7/20 2021 ERC set max ERC level.

