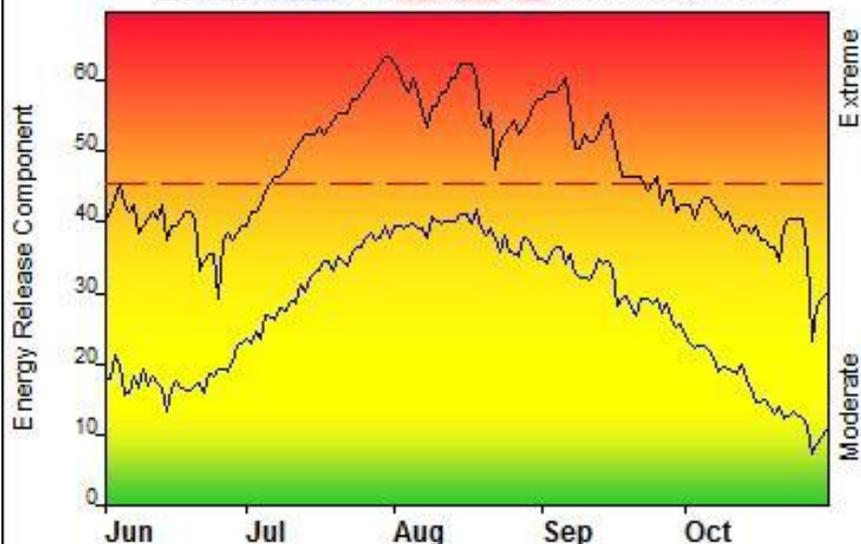


FIRE DANGER -- North Idaho-Northern Mountains

Maximum, Average, and 90th Percentile, based on 20 years data



Fire Danger Area:

- ◆ FMZ 101
- ◆ N 1/2 CDC above 3,000'
- ◆ Priest Lake RAWs (100204)
- * Meets NWCG Wx Station Standards

Map on back
of card

Fire Danger Interpretation:



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

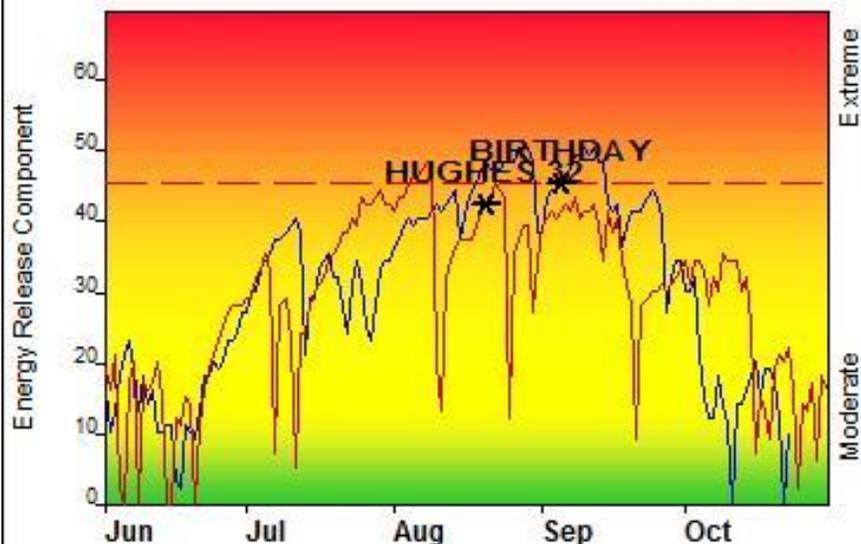
Maximum -- Highest Energy Release Component by day for 1995 - 2014

Average -- shows peak fire season over 20 years (2681 observations)

90th Percentile -- Only 10% of the 2681 days from 1995 - 2014 had an Energy Release Component above 45

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 15 mph, RH less than 20%,
 Temperature over 80, 1000-Hour Fuel Moisture less than 15

Years to Remember: 2011 2006



Fuel Model: G - Short-Needle (Heavy Dead)

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm 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.

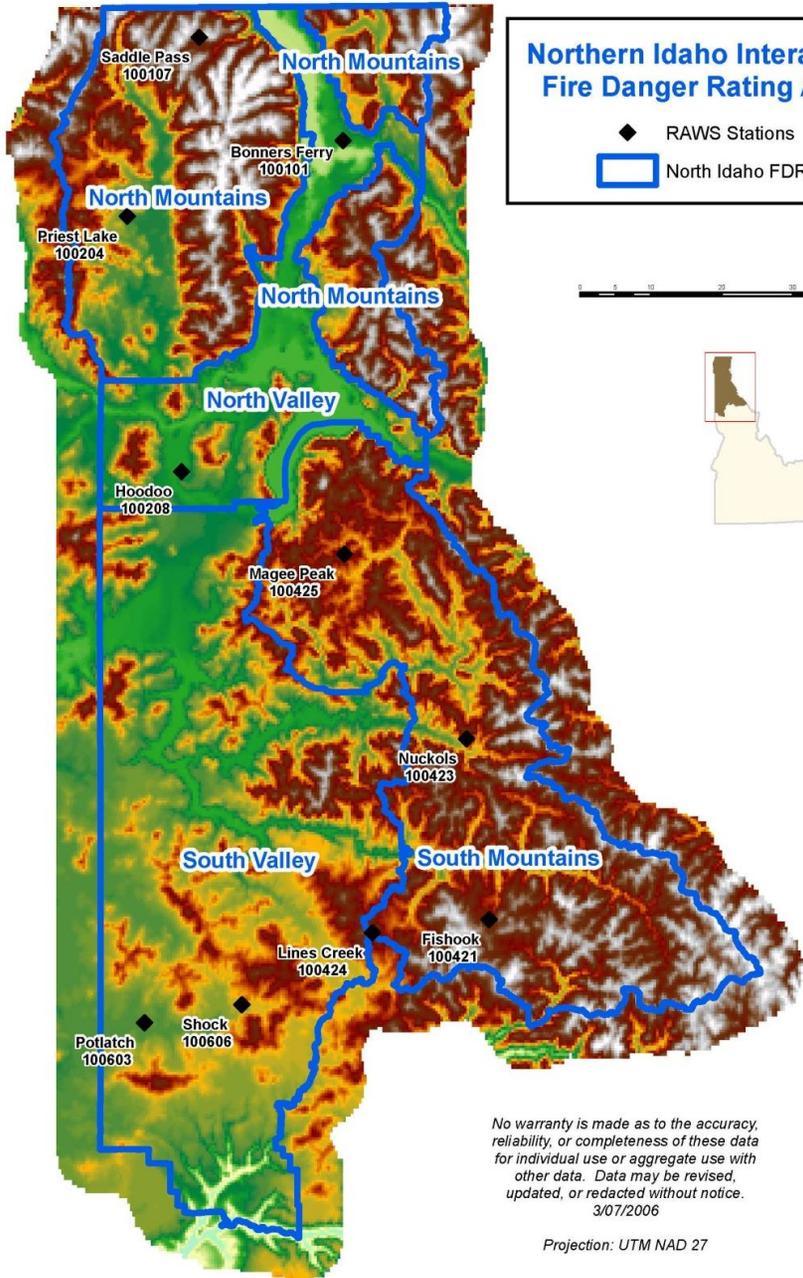
Past Experience:

- In 2011 the Birthday fire made a large run (600 ac) in spruce/fir when prolific spotting occurred into areas where live fuel moistures were seasonably low (80%). High elevation (6000 ft) temps were 81 F, RH's were 19%, and 1000-hr fuel moistures were low (11%).
- In 2006 the notable events on the Hughes fire (3138 ac) burned in similar conditions (82 F, RH 15) significantly influenced by poor RH recoveries (<30%) and thermal belts that resulted in numerous night crown fire runs.
- Pay attention to passing dry cold fronts, thermal belts, and low live fuel moistures that can increase fire activity into the canopy.
- Online weather forecasts: FWZ 101-www.wrh.noaa.gov/otx

Responsible Agency: USFS, IDL, BLM, CDT

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Design by NWCG Fire Danger Working Team



Northern Idaho Interagency Fire Danger Rating Areas

- ◆ RAWs Stations
- ▭ North Idaho FDRA



No warranty is made as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data. Data may be revised, updated, or redacted without notice.
3/07/2006

Projection: UTM NAD 27

