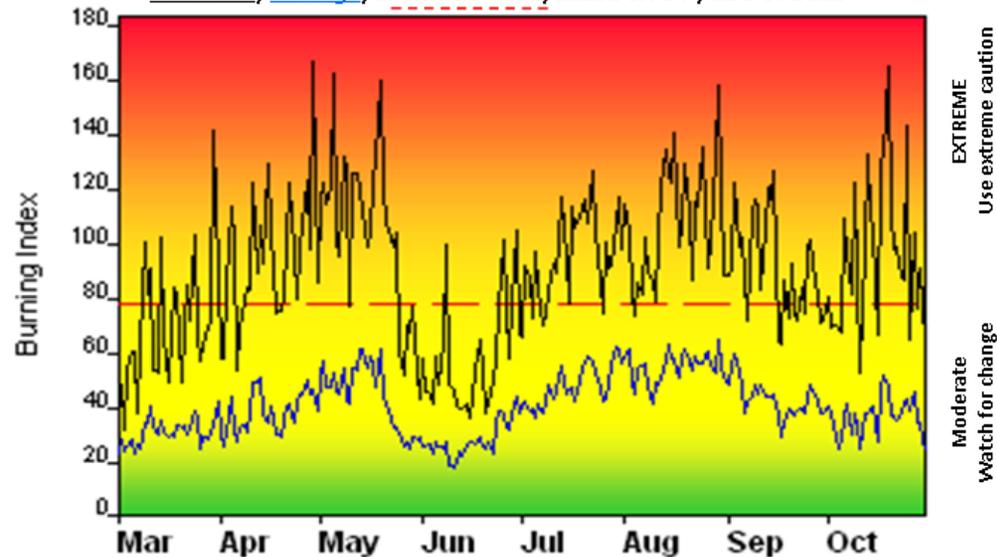


FIRE DANGER -- SWMT - East of Divide Low Elev

Maximum, Average, & Critical Value, based on 14 years of Data



Fire Danger Area

- SWMT East of Divide Low Elev. Valley bottoms & open fuel areas)
- Fire Wx Zones MT 110/111
- RAWS: Brenner(245409), Jefferson(243204), Ennis (245501), Red Rocks(245410), Antelope(245412)

DILLON, MT



Fire Danger Interpretation

Maximum—Highest Burning Index by day for 2000-2013

Average— shows peak fire season over 14 years (3396 observations)

Critical Value— probability of multiple & large fire days increases when the Burning Index is above 75. 10% of the 3396 days from 2000-2013 had a Burning index above 78.

Burning Index (BI)

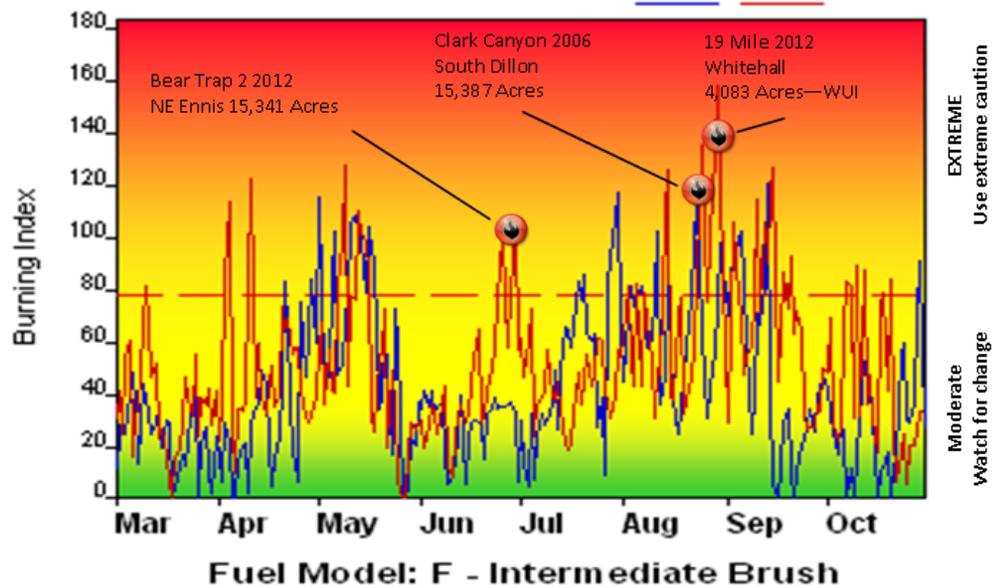
Reflects the changes in fine fuel moisture content and wind speed and is highly variable day to day. The BI is more appropriate for short-term fire danger and can be loosely associated with flame length by dividing the BI by 10. The BI is readily affected by wind speed and fine fuel moisture.

IDAHO

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 90°

Years to Remember: 2006 2012



SWMT-East of Divide Low Elev.

Remember what Fire Danger tells you:

- Burning Index gives day to day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & RH ranges, & precip. Duration
- Wind is part of BI calculation
- Watch local conditions & variations across the landscape—Fuels, Weather & Topography
- Listen to forecasts—especially WIND

Past Experience:

This area is dominated by large areas of continuous grass and sagebrush with pockets of timber at upper elevations and north slopes. Heavy loadings exist after wet springs, and curing usually begins around early July. When dry, windy & cured expect very rapid rates of spread. Generally, fire danger fluctuates hourly with summer monsoonal moisture. Clark Canyon fire was caused from a spark generated by the steel tracks of an excavator during a Red Flag day for low RH, & High Winds. It reached 6000 acres within 30 minutes of ignition. The Bear Trap 2 fire was ignited by fireworks and threatened several homes and burned one. 19 Mile started from lightning. Both fires grew rapidly with high winds. Many of the incidents in this area also include WUI which increase hazards and complexity. Human caused incidents increase in the spring with open burning and fall during hunting season. Be especially vigilant on days with low RH, and high winds. Frontal assault in this fuel type should be avoided.