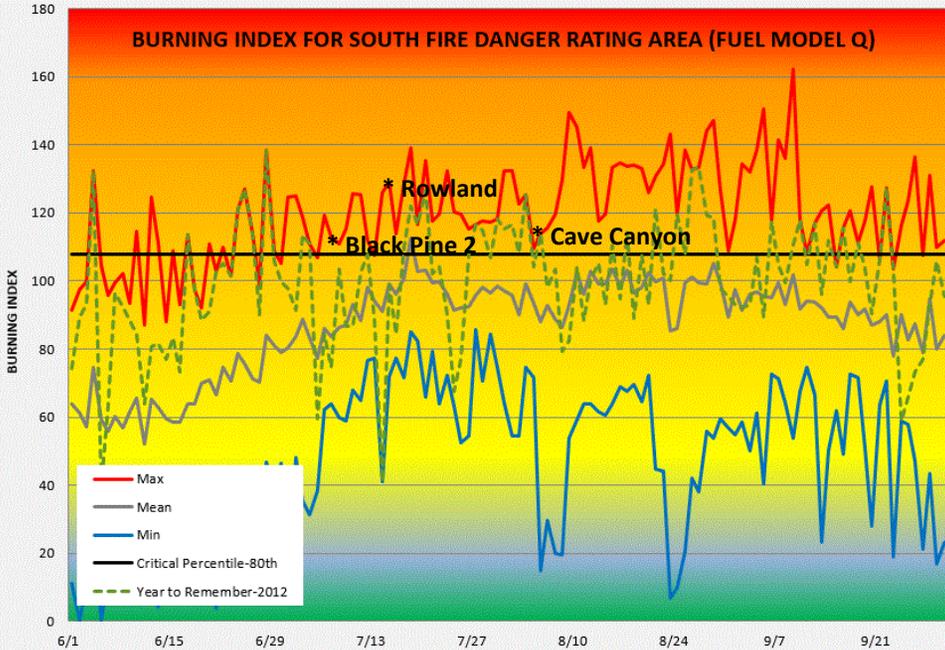
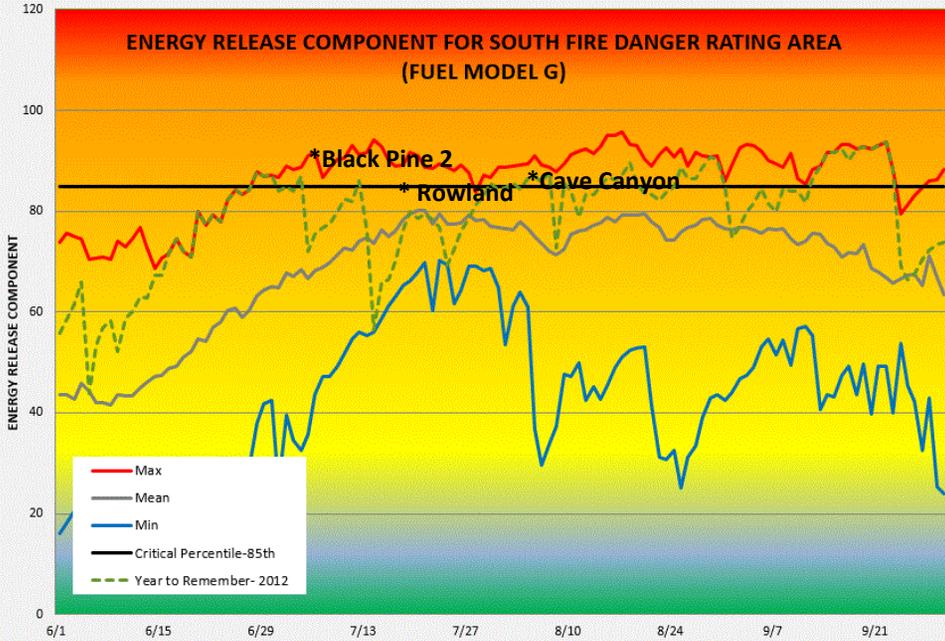




FIRE DANGER POCKET CARD

South Central Idaho Interagency Dispatch Center

SCAN QR CODE FOR DAILY INDICES:



This pocket card was approved by the Sawtooth National Forest and Twin Falls BLM Fire Programs.

ENERGY RELEASE COMPONENT

- ERC is calculated from the 1300 RAWs daily observation of temperature, humidity, daily temperature & RH ranges, and precipitation.
- ERC has low variability and is the best fire danger component for indicating effects of intermediate to long-term drying on fire behavior. This index can serve as a good characterization of seasonal trends.
- Wind is **NOT** part of the ERC calculation.

BURNING INDEX

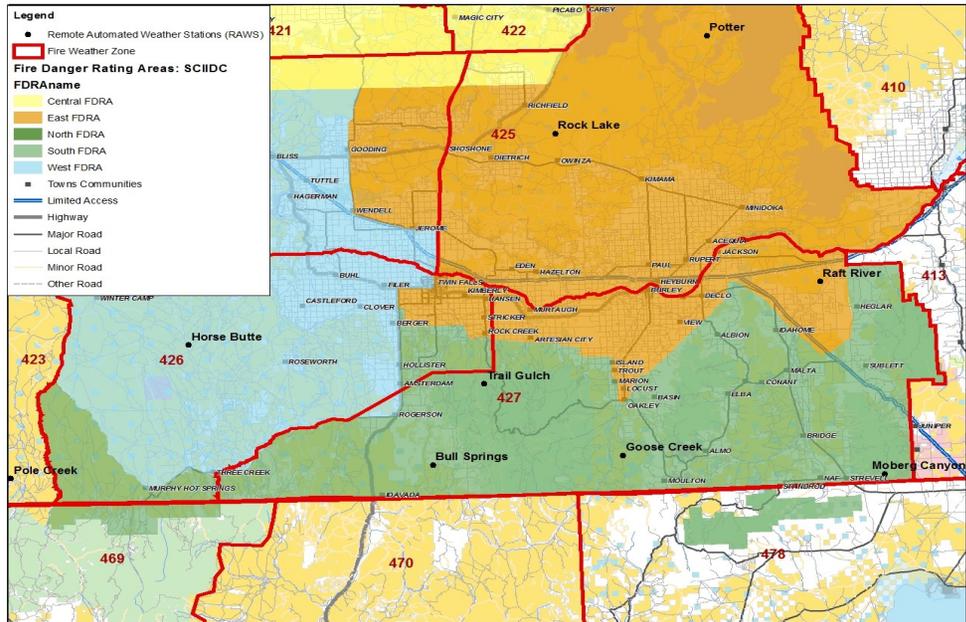
- BI gives day to day fluctuations calculated from the 1300 RAWs daily observation of temperature, wind, RH, daily temperature & RH ranges, and precipitation duration.
- Wind has a major influence on BI.
- BI is an estimate of the potential difficulty of fire control as a function of how fast and how hot a fire could burn.

LOCAL THRESHOLDS: SOUTH FIRE DANGER RATING AREA

- Critical Percentiles for ERC and BI were determined through historical fire analysis
- Any of combination of the following greatly increase the likelihood of extreme fire behavior:**
 - Temperatures above 90
 - RH below 20%
 - Eye Level Winds >10 mph, especially when wind direction aligns with major drainages
 - Haines Index of 5 or 6
 - Live Fuel Moisture (Sagebrush, Juniper, or Conifer) of 110 or less

SIGNIFICANT HISTORICAL FIRES

DATE	FIRE NAME	SIZE	BI	ERC	TEMP	RH	WIND
8/5/12	Cave Canyon	88,909	114	87	91	14	9
7/6/07	Black Pine 2	72,361	103	92	98	11	7
7/17/07	Rowland	141,335	129	83	85	20	17



Station ID	Station Name	Agency/Owner	Elevation
104006	Bull Springs	BLM-ID-TFD	5700
104105	Goose Creek	BLM-ID-TFD	5660
104103	Moberg Canyon	USFS-ID-STF	6400
103210	Pole Creek	BLM-ID-BOD	5660

All stations comply with NWCG weather stations standards. All stations are active. Data is from 2005 - 2014.