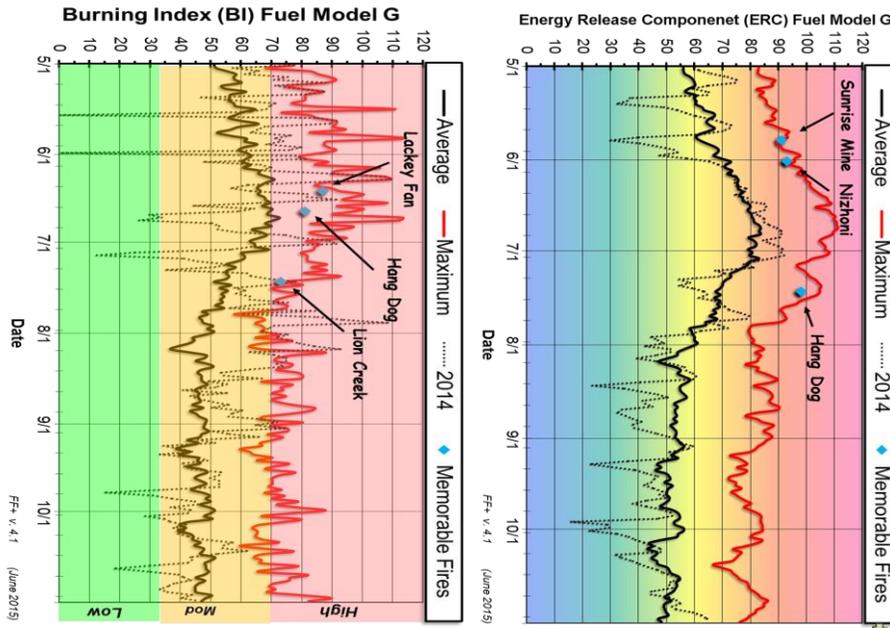
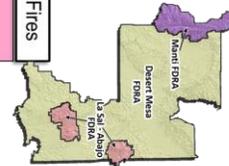


La Sal - Abajo FDRA

RAWS (in SIG)	Number	Elevation	Data Years	FWZ	Model
North Long Point *	422710	8680'	1999-2014	491	7G
Carpenter Ridge *	053808	8188'	1999-2014	290	7G

* These stations comply with NWCG Weather Station Standards (FWS 426-3)



Fire Danger Interpretation

Dispatch Levels	Burning Index - Model G		
	Desert Mesa	Manti	La Sal Abajo
High: Potential for high to extreme intensity. Expect high rates of spread, flame length, and control difficulty. Spotting, torching, and fire whirls likely.	70 + (87th percentile)	97 + (85th percentile)	70 + (85th percentile)
Moderate: Anticipate moderate fire intensity. The BI can change rapidly with variable weather conditions.	39-69	56-96	33-70
Low: Expect low fire intensity. Containment should be attainable. However, always be cautious.	0-38	0-55	0-32

Burning Index (BI) Facts:

- BI is an index representing the potential difficulty containing a fire due to flame length (intensity) at the head of the fire
- BI is very sensitive to small fluctuations in wind speed
- BI with Fuel Model G has a very good statistical correlation to large fire occurrence in the Moab interagency dispatch area.

Local (Critical) Thresholds: any of these factors will significantly increase the risk for extreme fire behavior. The more factors present, the greater the risk.

Weather Observations (at the Critical Percentile)	Desert Mesa FDRA	Manti FDRA	La Sal Abajo FDRA
20-ft Wind (mph)	> 15	> 25	> 25
Min. Relative Humidity (%)	< 10	< 15	< 15
Max. Temperature (°F)	> 90	> 80	> 85
Live Fuel Moisture	Sage <100	Fir <100	Oak <100

- Be cautious of a collapsing smoke column (especially when a fire is advancing toward the top of a plateau / mesa). This has resulted in fire shelter deployments (Price Canyon Fire) due to intense (50 mph) winds.
- Wind Gusts exceeding 25 mph for 3 or more consecutive hours is considered Red Flag criteria for this area when the RH is 15% or less.
- Microburst winds are powerful downdrafts from thunderstorms which can seriously affect a fire's intensity and direction from many miles away.

Fire Danger PocketCard

Moab Interagency Fire Center
<http://fam.nwcg.gov/fam-web/pocketcards/>

Fire Danger Interpretation

Preparedness Level	ERC - Model G		
	Desert Mesa	Manti	LaSal Abajo
I	0-33	0-39	0-23
II	34-56	40-57	24-45
III	57-70	58-70	46-65
IV	71-84	71-84	66-84
V	85+	85+	85+

Energy Release Component (ERC) Facts:

- ERC relates to the amount of fuel available to burn, thus the load and dryness of fuel are used in the calculations.
- ERC is not influenced by wind or topography (slope).
- ERC can show good characterization of the fire season by showing the seasonal trend.

Past Fire Experience

La Sal Abajo FDRA							
Date	Fire Name	Size (ac)	ERC	BI	RH (%)	Temp (°F)	Wind (mph)
06/13/13	Lackey Fan	904		87	11	77	9
05/25/12	Sunrise Mine	5,742	91		7	67	13
06/01/02	Nizhoni	2,354	93		6	88	6
07/14/02	Hang Dog	6,000	98	98	6	92	3
08/27/08	Lion Creek	1,499		81	7	85	5

Updated: June 2015