

Fire Danger Pocket Card

Durango Interagency Dispatch Center

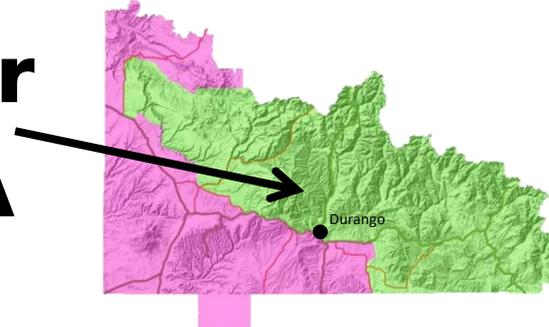
<http://fam.nwcg.gov/fam-web/pocketcards/>

Past Fire Experience: Upper FDRA

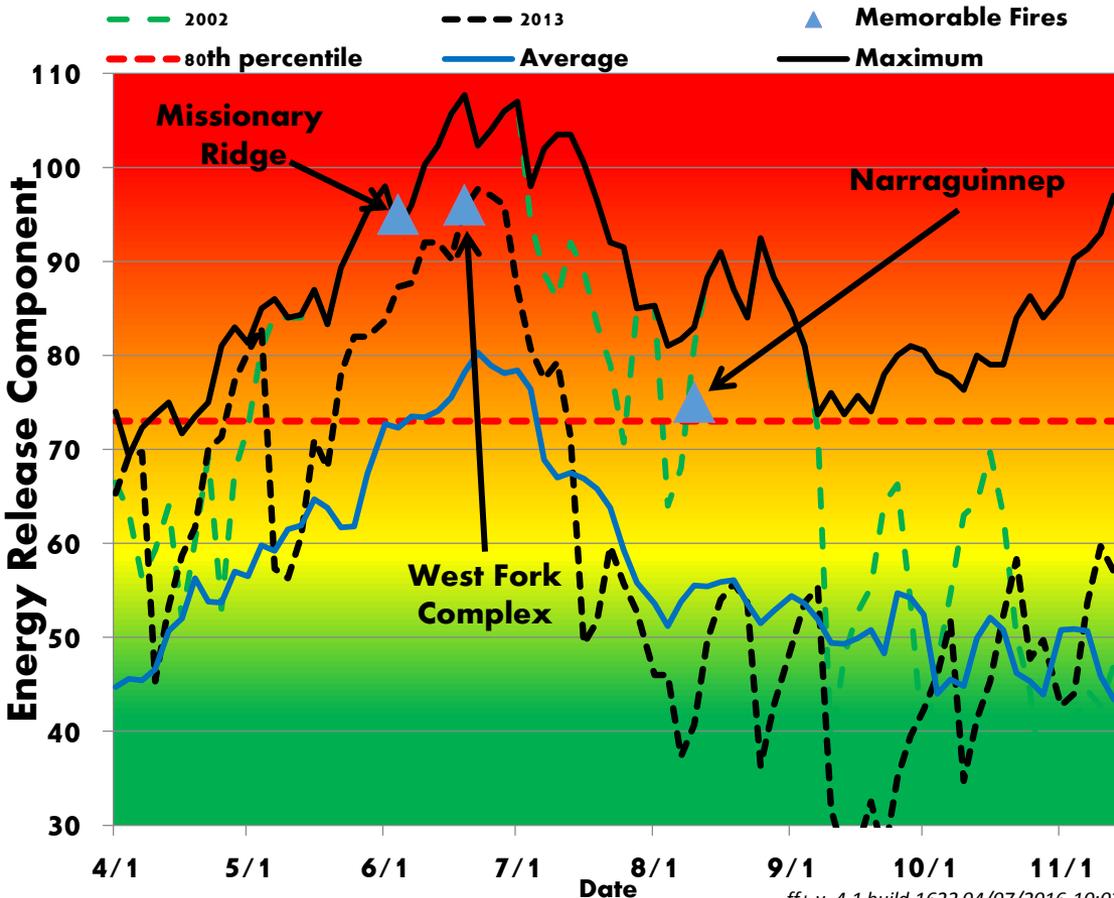
Fires	Event Date	Size (ac)	ERC	RH (%)	Temp (°F)	Wind (mph)
West Fork Complex	6/20/2013	58,570	96	5	81	11
Ignited on 6/3/13, on 6/20 the fire spotted over the Continental Divide and ran 7 miles in one burning period						
Missionary Ridge	6/9/2002	73,121	95	9	84	15
Largest fire in the zone since the 1879 Lime Creek Fire						
Narraguinep	8/8/2009	7,300	75	10	79	8
Terrain and winds lined up to push the fire 3 miles in Gambel oak in one burn period..						

Upper FDRA

(in green)



Upper Fire Danger Rating Area problem fires (>25 ac.) can occur when ERC is 63 (Vallecito, 2012, 1,400 acres) or greater in combination with other local threshold values. Local threshold ERC of 73 or greater combined with other local threshold values has potential for fires to spread beyond 500 acres. Live fuel moistures in Gambel oak under 120% can lead to extreme fire behavior in combination with other local threshold values (Narraguinep, 2009, 7,300 acres).



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

Dispatch/Response Level	Upper FDRA
III Heavy	73+
II Medium	57-72
I Light	0-56

ERC gives seasonal trends calculated from 2PM temperature, humidity, daily temperature & RH ranges, and precipitation duration. Wind is NOT part of ERC Calculation.

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 Percentiles)	Upper FDRA (80th percentile)
20-ft Wind (mph)	8
Min. Relative Humidity (%)	11
Max. Temperature (°F)	83
500+ ac. Threshold ERC-G	70

RAWS (in SIG)	Number	Elevation	Data Years	FWZ	Model
Salter*	055205	8,196	1996-2015	294	7G
Devil Mountain*	055901	7,360	1996-2015	295	7G
Sandoval Mesa*	055902	8,310	1999-2015	295	7G

*Station complies with NWCG Weather Station Standards (PMS 426-3)

