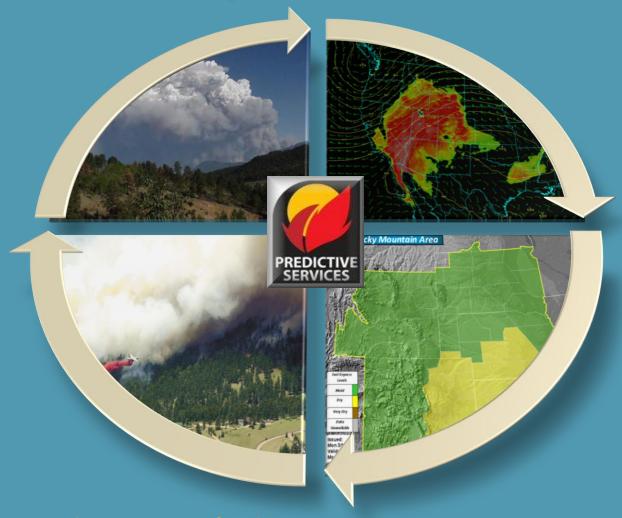


2011 Seasonal Outlook-June 1, 2011

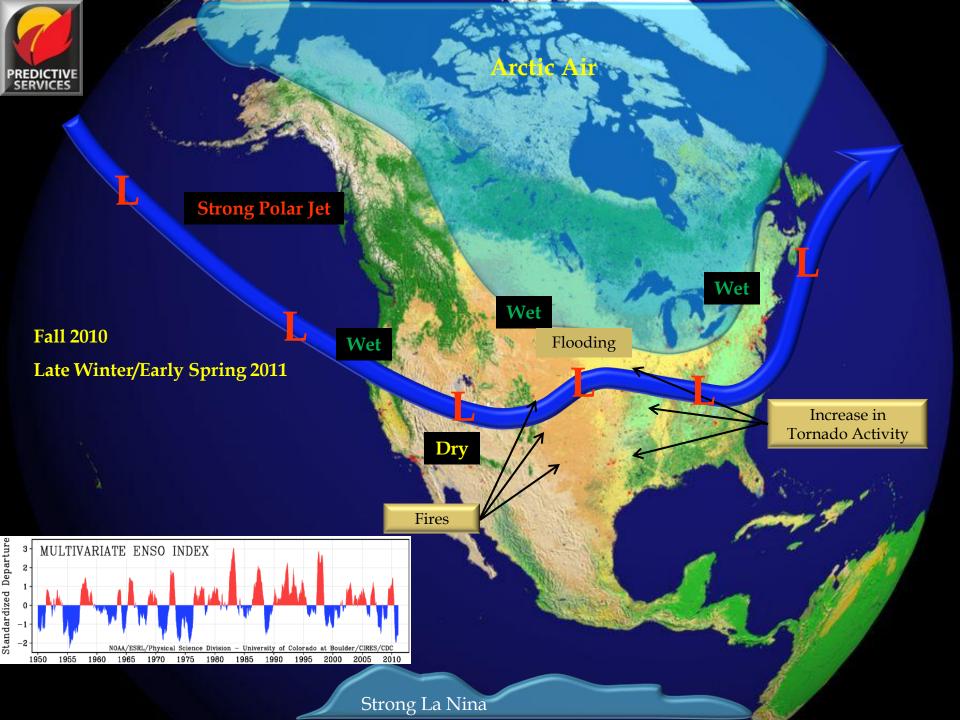


Tim Mathewson – Fire Meteorologist- RMACC Russ Mann- Fire Meteorologist- RMACC Marco Perea- Intelligence Coordinator- RMACC



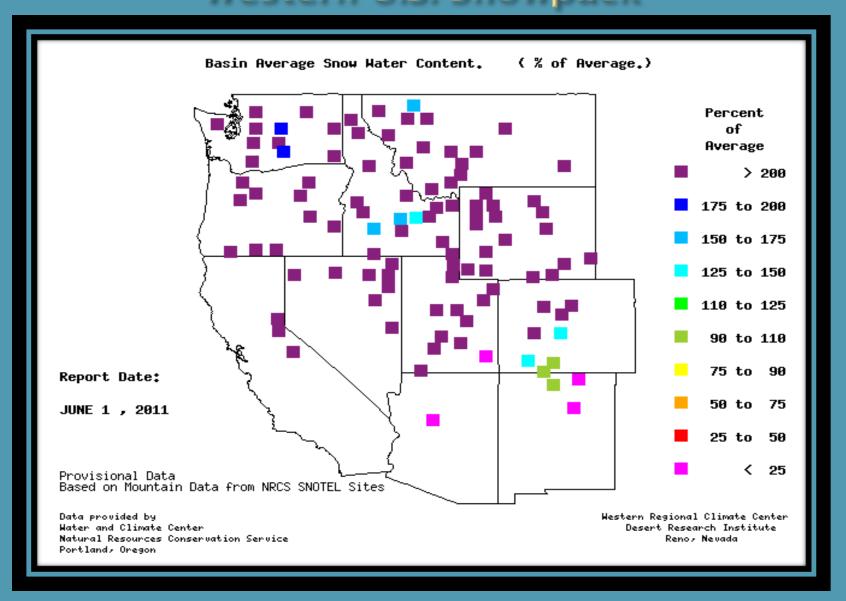
Rocky Mountain Area Considerations

- □ Current Snowpack
- **□** Precipitation Anomalies
- **□** Recent Fire Activity
- **□** 2011 Seasonal Outlook



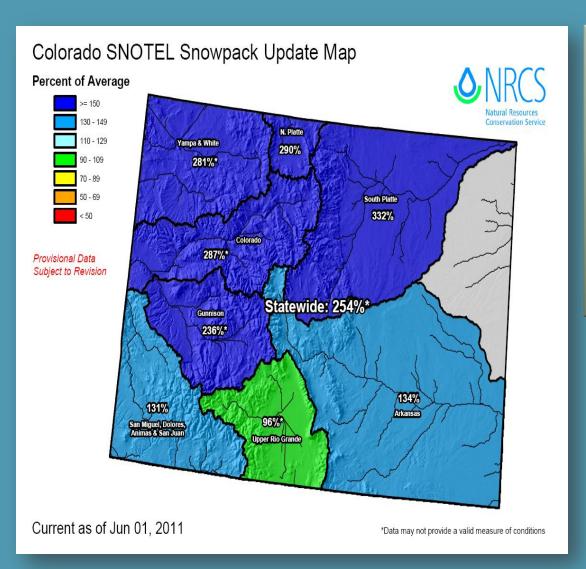


Rocky Mountain Area Western U.S. Snowpack





Rocky Mountain Area Colorado Snowpack



Colorado Snowpack

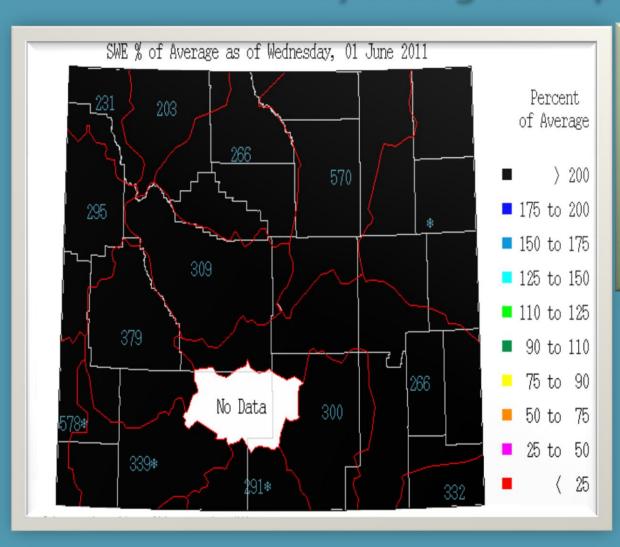
Statewide: 254% Ave.

Conclusions:

Snowpack Map is Misleading and Represents Drainage Averages and Does Not Reflect the Dry Conditions Across Southeast Colorado. Flooding Remains a Concern this Summer.



Wyoming Snowpack



Wyoming Snowpack

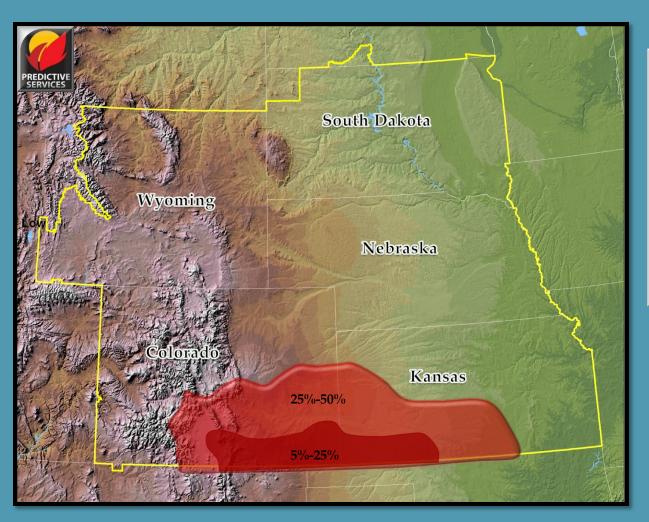
Snowpack:

> 200% of Normal

Flooding is a Concern this Summer



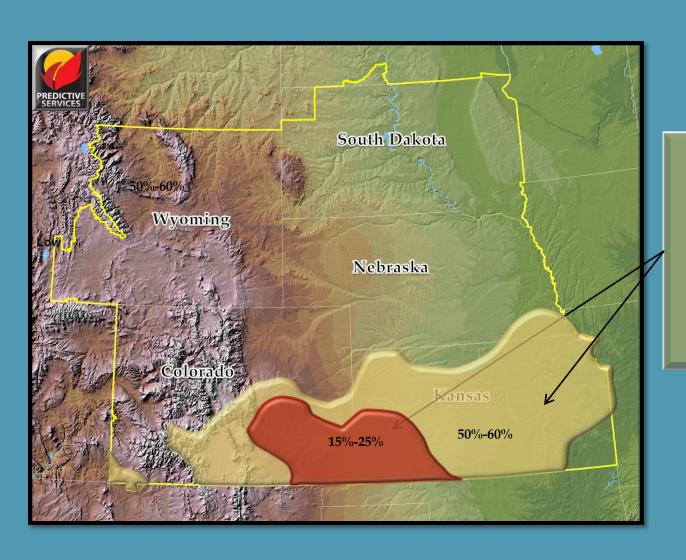
30-Day Percent of Average Precipitation







9-Month Percent of Average Precipitation



Dry Period Began Late Summer 2010



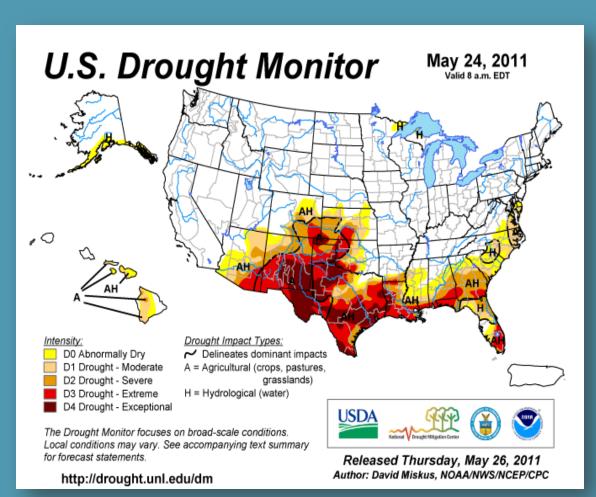
50%-60% of Average



15%-25% of Average



Rocky Mountain Area National Drought Conditions







Rocky Mountain Area National Drought Conditions

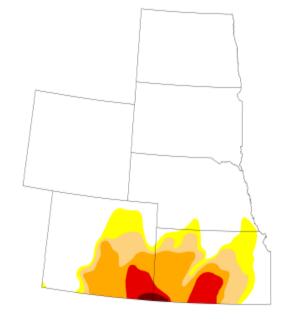
U.S. Drought Monitor

May 24, 2011 Valid 7 a.m. EST

High Plains

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	77.40	22.60	16.73	11.20	3.42	0.34
Last Week (05/17/2011 map)	71.93	28.07	21.96	14.40	3.53	0.10
3 Months Ago (02/22/2011 map)	62.25	37.75	19.14	2.39	0.00	0.00
Start of Calendar Year (12/28/2010 map)	60.35	39.65	19.57	2.63	0.00	0.00
Start of Water Year (09/28/2010 map)	65.06	34.94	3.73	0.00	0.00	0.00
One Year Ago (05/18/2010 map)	86.26	13.74	6.47	2.97	0.00	0.00





Intensity:



D1 Drought - Moderate D2 Drought - Severe

D3 Drought - Extreme D4 Drought - Exceptional

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

http://drought.unl.edu/dm





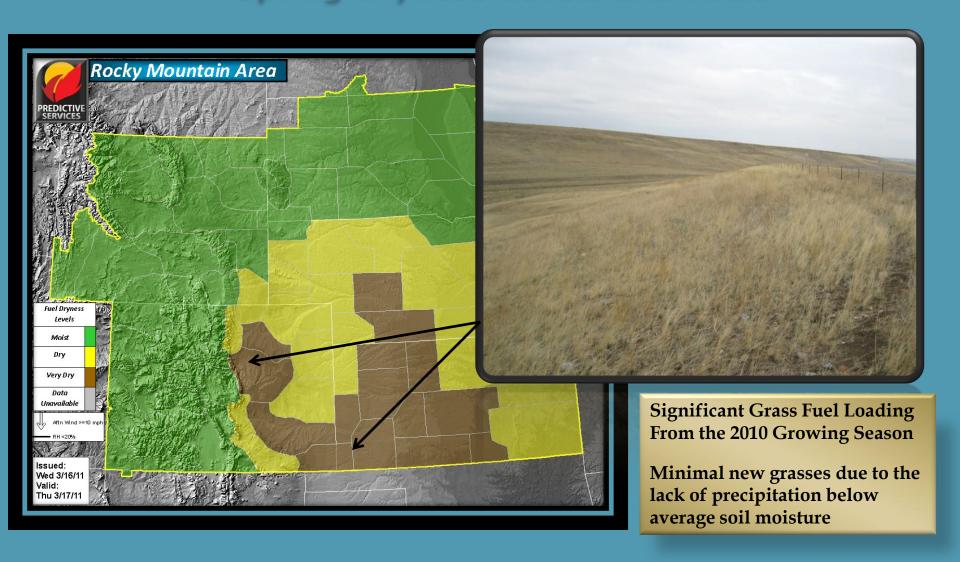




Released Thursday, May 26, 2011 David Miskus, NOAA/NWS/NCEP/CPC

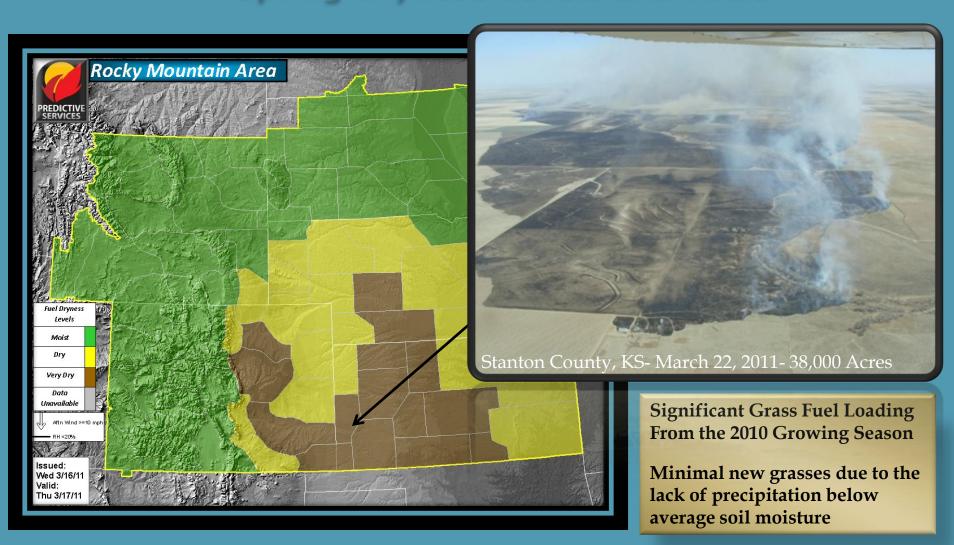


Rocky Mountain Area Spring Dryness Levels and Fuels



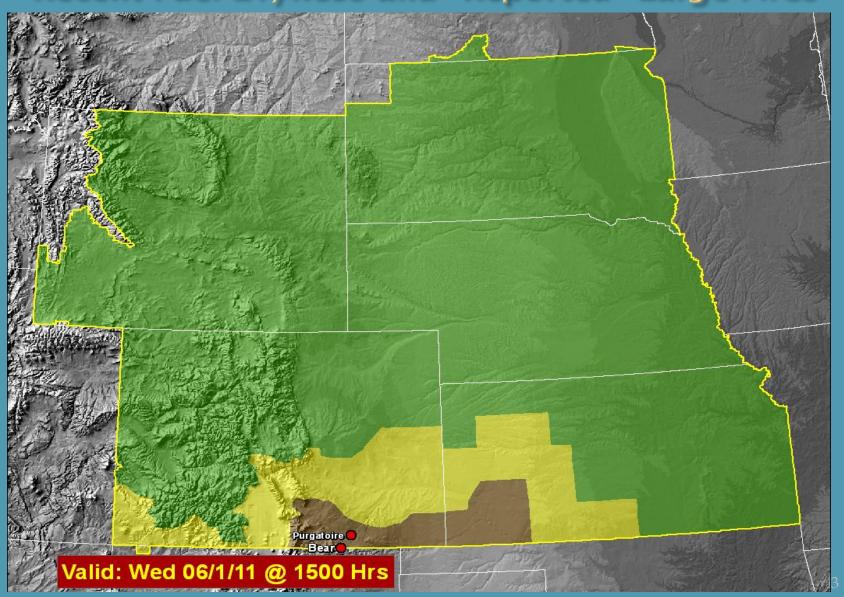


Spring Dryness Levels and Fuels



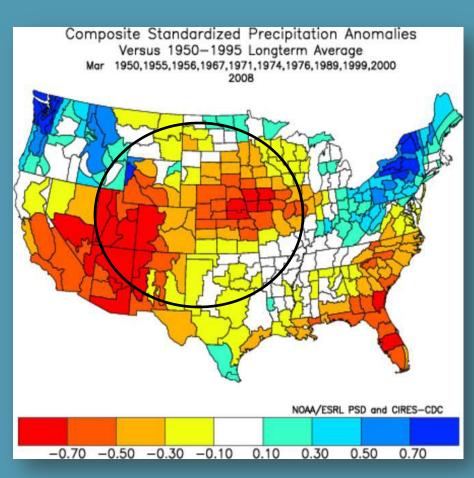


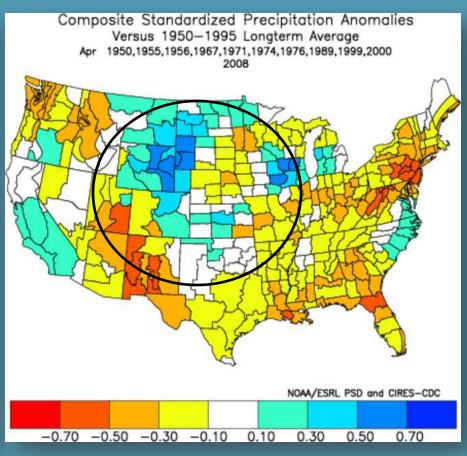
Recent Fuel Dryness and "Reported" Large Fires





The Outlook



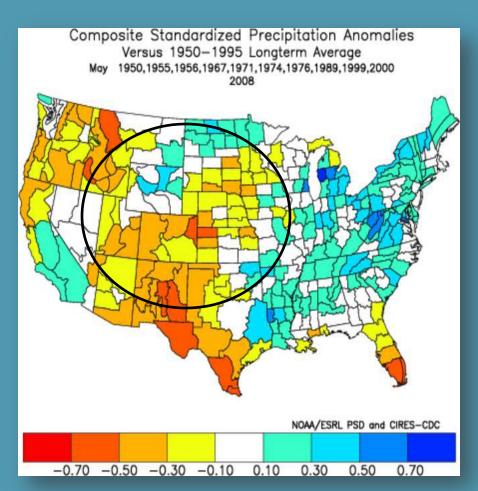


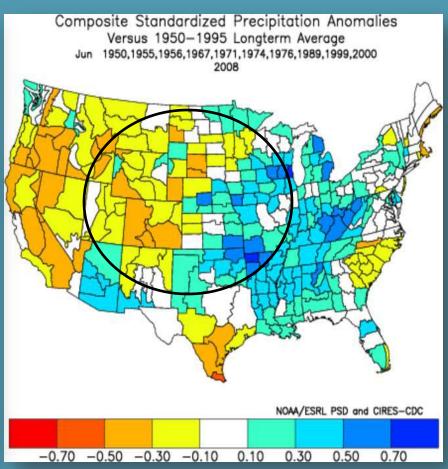
March- Composite Precipitation Analogs

April- Composite Precipitation Analogs



The Outlook



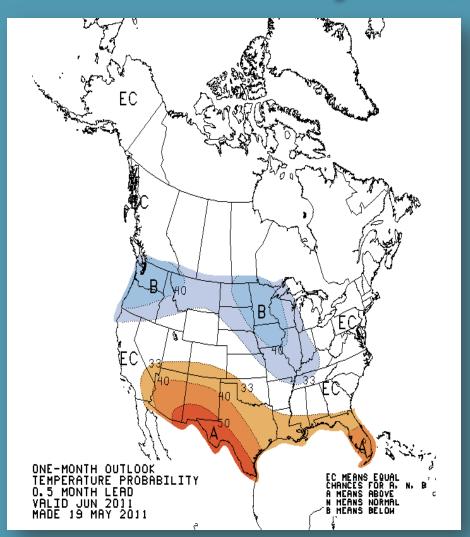


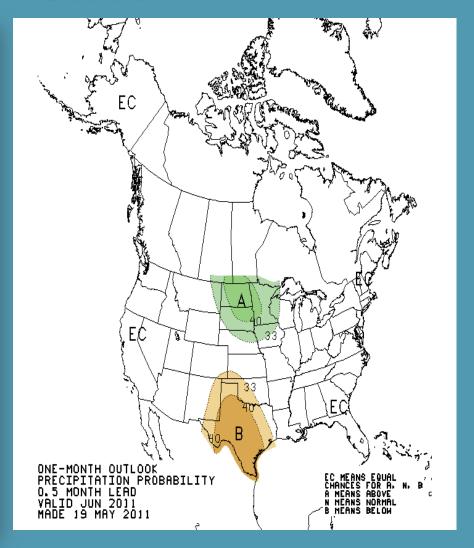
May- Composite Precipitation Analogs

June- Composite Precipitation Analogs



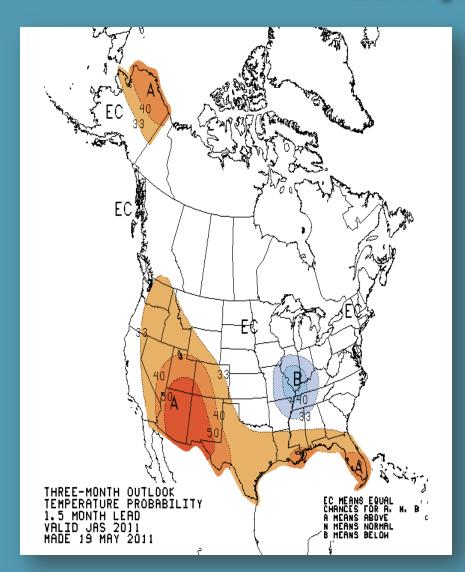
June 2011 Outlook

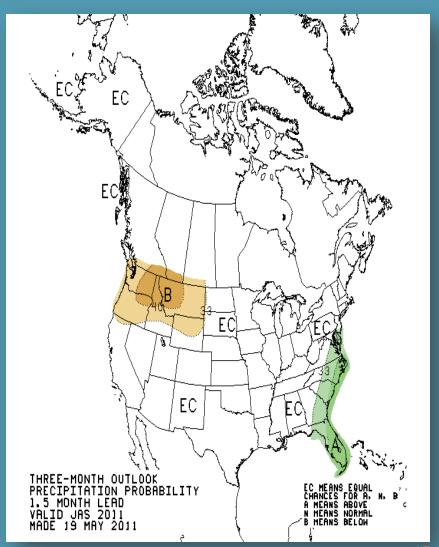






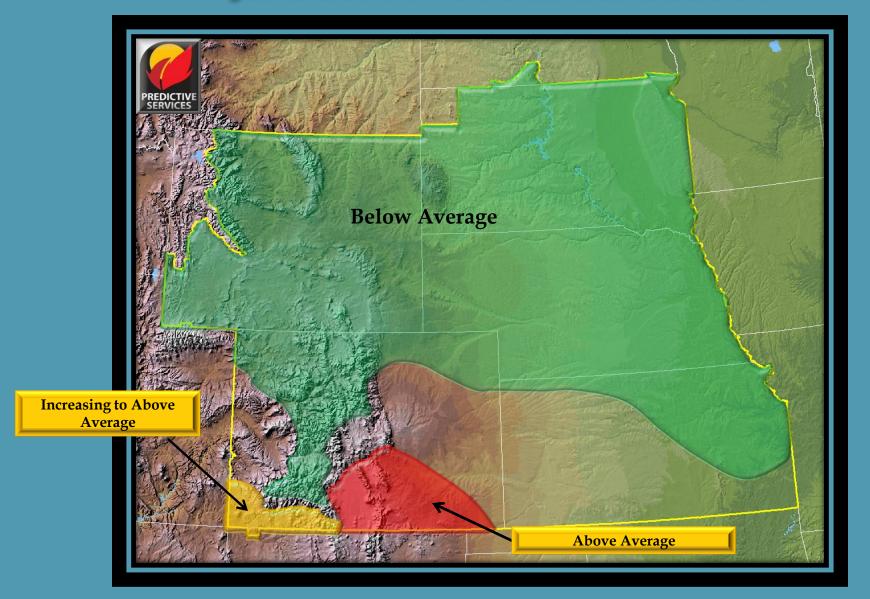
2011 JAS Outlook





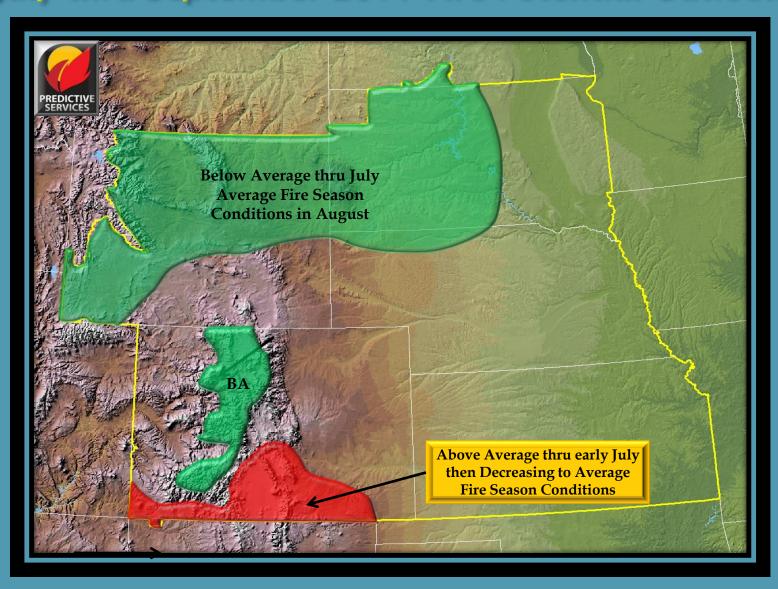


June 2011 Fire Potential Outlook





July thru September 2011 Fire Potential Outlook





Rocky Mountain Area 2011 Outlook Summary

- Above average fire potential across the plains of southeast Colorado and southwest Kansas has been slow to decrease this spring, with severe to exceptional drought conditions in place. Though a significant green-up is unlikely for this area, an increase in humidity should decrease the potential during the next couple of weeks. Just to the west, recent large fire activity (Bear, Purgatoire) in the southern Front Range foothills has verified expected above average fire activity that's been forecast for that area since early spring. Long-term precipitation deficits, severe drought conditions and occasional wind events may keep the southern Front Range region active until the onset of the Southwest Monsoon in early to mid July.
- Fire potential is forecast to increase to above average across the south central and southwest portion of Colorado, generally below 8000 feet. Though snowpack is currently above average in the San Juan mountains, expected drying and above average temperatures may increase the fire potential to above average prior to the onset of the monsoon at the lower elevations. Precipitation deficits were significant in this area during the winter and early spring months, however recent wet trends has decreased forecast confidence for this area.
- No significant change in the forecast over northern portions of the RMA. Below Average fire potential is forecast over much of northern sections, and higher elevations of the Colorado Mountains through July. Average fire season conditions will likely return to these areas late in the summer, except for below average conditions lingering over the high country of Colorado.
- **Bottom-line:** Lingering La Nina affects could keep fire potential above average over southern portions of Colorado through early July, or until monsoon moisture pushes northward this summer. Recent large fire activity over the southern Front Range region has verified conditions in that area. A late start to fire season appears to be in the cards this year across northern sections of the RMA with a significant late spring snowpack to contend with, flooding, and more precipitation during the month of June.