

## ***FIRE BEHAVIOR FORECAST***

<b><i>FORECAST #: 6</i></b>	
<b><i>FIRE: Jungle</i></b>	<b><i>PREDICTION FOR Day shift</i></b>
<b><i>UNIT: Gallatin National Forest</i></b>	<b><i>SHIFT DATE: September 13, 2006</i></b>
<b><i>TIME AND DATE FORECAST ISSUED: 09/12/06, 2000</i></b>	<b><i>SIGNED:  Glenn Gibson FIRE BEHAVIOR ANALYST</i></b>

### ***Weather Summary***

#### ***RED FLAG WARNING FROM NOON TODAY UNTIL MIDNIGHT TOMORROW***

#### ***See the attached Red Flag Warning***

Warm and very dry. High temperatures: 79-83, Min RH: 7-12%. Wind: West turning Southwest 15 to 25, gusts to 30. Haines Index of 5. Forecast ERC is 77, an all time high for this date.

See the attached Spot Weather Forecast for today's details.

### ***PREDICTED FIRE BEHAVIOR***

Expect extreme fire behavior starting around noon and continuing until at least sunset.

Yesterday the fire moved approximately ½ mile per hour starting around noon. Today you can expect that rate of spread to double.

With the wind coming into alignment with the West Boulder River drainage, extremely low relative humidities, and a high Haines index day. This fire will move very aggressively through any fuels. Expect major crown fire runs in heavy timber.

Spotting up to one mile is possible and the probability of ignition will be around 75% in shaded timber and over 90% in sun exposed fine fuels.

The fire is likely to reach MAP 5 in the late afternoon.

Once the fire reaches the canyon mouth, the fuels change to primarily grass. At that point, rates of spread will increase to approximately 180 feet per minute. Flame lengths on the head fire in the grass/short brush will be 14+ feet.

### ***AIR OPERATIONS***

Gusty winds and fire intensity may limit aircraft use by early afternoon.

### ***SAFETY***

This is the kind of day that brings to mind a whole list of hazards. You will have unburned fuel between you and the fire. You may be constructing line without a safe anchor point. You may consider a frontal assault on fire. The weather is getting hotter and dryer. The list goes on... Review your 10 and 18. Make decisions that ensure that you and your folks go home healthy. **HEADS UP TODAY!**

Glenn Gibson, FBAN/Cones Northern Rockies IMT