



BUREAU OF LAND MANAGEMENT  
 VALE DISTRICT OFFICE - Vale Dispatch  
 100 Oregon St.  
 Vale, Oregon 97918  
 (541) 473-6295

**VALE MORNING SITUATION REPORT FOR: 8-22-04**

NATIONAL PREPAREDNESS LEVEL:	3	BAKER FIRE DANGER (352420-C)	V
REGIONAL PREPAREDNESS LEVEL:	3	MALHEUR FIRE DANGER (353616)	M
VALE PREPAREDNESS LEVEL:	3	JORDAN FIRE DANGER (353612-A)	H

**BAKER RA:**

Forecasted BI/ERC: 22/42

**MALHEUR RA:**

Forecasted BI: 34

**JORDAN RA:**

Forecasted BI: 31

**COMMENTS:**

3 SRV Crews available / 2 CREP  
 1 Hot Shot Crew assigned to Grassy Fire in Oregon.  
 2 SRV crews on Umpqua ABC August Support in Oregon.  
 3 SRV crews on the Fischer Fire in Washington.  
 1 SRV crew on the Many Spots Fire in Washington.  
 Type 3 Helicopter (60P) ready for IA from Vale.  
 Type 2 Helicopter (360EH) assigned to Fischer Fire in Washington.  
 Air Attack (9GW) and SEAT (T475) ready for IA at Ontario.  
 Engine 441 assigned to Ely BLM Severity in Nevada.  
 1 (THSP) assigned to the Northwest Aviation Safety Team.  
 1 (STEN) assigned to UYD Central Complex in Alaska.  
 1 (COST t) assigned to the North Star Butte Fire.  
 1 (THSP) assigned to GACC Support in Alaska.  
 1 (HRSP) assigned to the Fischer Fire in Washington.  
 1 (BCMG t) assigned to Umpqua ABC in Oregon.  
 1 (EQPM) assigned to Umpqua ABC in Oregon.

**WEATHER:**

Vale Weather:  
 Partly cloudy until 1200, then mostly cloudy with slight chance of showers and thunderstorms. Temp's 64 to 74, except 70 to 80 below 4500 feet. Rh 26 to 36%. Valley Winds W 17 to 23 mph, gusting 30 mph. Ridge Winds W 25 to 31 mph, gusting 40 mph. Haines Index 3, (very low). LAL

Baker Weather:  
 Mostly cloudy, rain showers likely with a slight chance of thunderstorms. Temps 68-74; RH's 35-42 %; Winds 11-18 mph, gusting 30 mph; Haines Index 2 (very low); LAL 2, CWR 60%.

**DEFINITIONS:**

LAL (Lightning Activity Level): A numerical rating from the lowest of 1 to the highest of 6, keyed to the start of thunderstorms and the frequency and character of cloud-to-ground lightning forecasted or observed on a rating area during a rating period.

Haines Index: A national fire-weather index based on the stability and moisture content of the lower atmosphere and their direct relationship to the growth of large fires. The index is from 2-6 with 2 being the lowest potential for large fire growth while 6 is the highest large fire growth potential.

Chance of Wetting Rain (CWR): The chance of an appreciable amount of continuous rainfall over a broad area, dropping at least .10 inches of rain.

Energy Release Component (ERC): A number related to the available energy (BTU) per unit area (square foot) within the flaming front of the head of a fire.

Burning Index (BI): A number related to the contribution of fire behavior to the effort of containing a fire. The value is a function of the Spread Component and the Energy Release Component.