

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: # 1	TYPE OF FIRE: Wildland
FIRE NAME: ROBBERS	OPERATIONAL PERIOD: 7/13/2012 (0600-0600)
DATE ISSUED: 07-12-2012	TIME ISSUED: 2300
UNIT: NEU	SIGNED: _____
	Typed/printed: Scott Jones

INPUTS

WEATHER SUMMARY:

Temperatures will be slightly cooler with slight improvement in humidity as a low pressure system is expected to weaken the strong high pressure system.

Mostly Sunny MAX temp 92-97 MIN RH 16-21%

Wind (20 ft) Slope / Valley... South Winds 4 to 8 mph. Possible Gusts to 15 late in the afternoon and evening

OUTPUTS

FIRE BEHAVIOR

Topography and fuel types are conducive for extreme fire behavior. Fuels, both brush and timber, were receptive to fire brands and extreme fire behavior was observed as the afternoon heat and winds increased. Roll outs to the bottom of the canyon created rapid runs to the top of the ridges. Single and group tree torching was also observed.

GENERAL:

Fire spread is in alignment with wind and or topography. Fuels are at a 90% probability of ignition, expect rolling materials to ignite the fuels they run into. There will be limited opportunity for direct attack. Tree torching flame lengths were double the tree height.

Fuel Type	ROS (RATE) FWD	ROS Flank	ROS Backing	FL (Ft)	P(i)G
Timber Litter (TU5)	10 -15 ft/min	10-11 ft/min	6-9 ft/min	6-10 ft	90
Grass Shrub (GS4)	30-50 ft/min	30-35 ft/min	12-18 ft/min	12-18 ft	90

SPECIFIC:

The American River Canyon has a significant fire history. The steep canyon drainages and heavy fuel loads coupled with the limited resource accessibility force a defensive attack mode. Monitor weather for any wind shifts. Expect higher levels of fire intensity as fuels transition from timber litter to brush models.

AIR OPERATIONS:

No weather problems are anticipated that would limit air operations, however heavy smoke impacts could inhibit visibility.

SAFETY

Steep Terrain – be aware of rolling materials that will ignite fuels below you.

Extreme Fire Behavior Observed – Identify and Make KNOWN Escape Routes

Develop actions that account for early season fire fighter conditioning, high temperatures will increase the opportunity for heat related injuries.

Be Safe – God Bless