

Happy Camp Complex General Weather Outlook

For Planning Purposes Only, see the IAP for the Official Forecast

Weather Forecast:	Created on Thursday September 25, 2014				
Date/Time	Fri 26 Sep	Sat 27 Sep	Sun 28 Sep	Mon 29 Sep	Tue 30 Sep
Dry Thunderstorms/Red Flag	None	None	None	None	None
Average Max Temp	70	71	74	77	72
Average Min RH (%)	39	36	35	33	31
Ridge RH Recoveries (%)	75	68	58	60	53
Chance of TS	10%	0%	0%	0%	0%
Wind (Day) Ridgetop	NNW 4-8	NNE 8-12	NE 4-8	NW 6-10	NNE 6-10
Wind (Night) Ridgetop	N 4-8	NNE 8-12	NNE 4-8	NNW 6-10	NNE 6-10
Mixing Height (MSL)	9 kft	9 kft	9 kft	10 kft	7 kft
Haines Index	3	2	3	2	3
Wetting Rain > 0.10"	20%	0%	0%	0%	0%
Moderate Burning Conditions	Critical Burning Conditions DB 85-90F; RH 25-30%; RH Recovery 25-35%; Wind 8-12 mph; Chc TS 20-30%; Mix Hgt 11-14 kft; Haines 4			Extreme Burning Conditions DB > 90F; RH<25%; RH Recovery<25%; Wind>12mph; Chc TS >30%; Mix Hgt >15 kft; Haines 5-6	

This forecast matrix was developed for the Happy Camp Complex Fire and uses criteria specific for these incidents. Every incident will respond to conditions differently and adjustments to the formulas and or categories used may be needed.