



Lake County Frost Forecast

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HIGHLIGHTS: Sprinkles this afternoon possibly developing into a **light rain**. Occasional light rain overnight & **no risk of frost**. **Periods of rain** tomorrow, could last all day before tapering off late. **Showers** tomorrow night & Sunday. No frost expected this weekend nor after the rain next week. **This will be the last afternoon frost forecast of the season.**

Weather & Frost Discussion: A large upper level low is dropping southward a couple hundred miles off the NorCal coast this afternoon, spreading a swath of mid/high clouds inland across the North State out ahead of it. The low is forecast to become cutoff from the main hemispheric westerly flow tonight and settle in centered about 100 miles west of San Francisco. Most models show the low wobbling around, remaining nearly stationary for about 36 hours before drifting eastward across the state Sunday night and Monday. This low, highly unusual for early June, will maintain unseasonably cool and potentially quite wet weather over Lake County tonight through the weekend. Because we're dealing with a cutoff low, there is even more uncertainty in the forecast than usual as sometimes these lows don't behave per computer model guidance. Never-the-less, chances are very high that Lake County will receive healthy rainfall amounts from this system, easily 1/2" and possibly more than an inch. Timing differs among the models, but most show the heaviest period of rain occurring 6am to 3pm tomorrow. Although the low originated in the Gulf of Alaska (so it's fairly cold), it's going to spend a fair amount of time spinning around offshore pulling in some warmer air from the south which will moderate its associated air mass. Thus, once it does move inland Sunday night into Monday, we're thinking it won't be all that cold and at this point we perceive very little if any risk of frost once it clears out Tuesday or Wednesday. We could see some local lows dip under 40F next week, but freezing temps are highly unlikely. As far as precipitation goes, we should dry out by late Monday and remain dry the rest of next week and perhaps well beyond. No sign of a big heat wave any time soon though.

FORECAST MINIMUM TEMPERATURES BASED ON OVERNIGHT CONDITIONS (Bold is the most likely case)

Conditions:	Clear Skies Calm winds >4hrs	Partly cloudy/fog or light wind (5-10mph)	Cloudy and/or breezy (>10mph)	Afternoon Observations & 24hr change		This morning's minimum
				Temperature	DewPt	
Confidence →	5%	25%	70%			
Upper Lake	38	42	45	58 -1	45 -5	39.2
Scotts Valley	36	40	43	58 +1	47 +1	36.8
Kelseyville	38	41	44	58 +3	45 0	38.3
Kelseyville South	38	41	43	57 +2	45 0	37.6
Bell Hill West	37	40	44	58 +5	43 -3	37.9
Red Hills	36	40	44	55 +4	42 -1	33.6
Red Hills 2	38	41	43	55 +4	44 +0	38.4
Red Hills 3	41	42	42	52 +3	42 +1	41.4
Middletown	39	42	44	58 +2	44 +1	38.2
Guenoc Valley	39	42	45	58 +0	46 +3	37.4
Napa Valley Basin	38	42	44	60 +1	48 +2	37.1
Cow Mountain				45 +2		

For Tonight:

POP & Amounts: **60%, .05 - .50**

Winds: Var-SE-E 3-15

Inversion Strength Tonight: None

Inversion Strength Sat Night: None

Tonight's Dew Point Temps: 40-45

EXTENDED RANGE OUTLOOK

	Sat 6/4	Sun 6/5	Mon 6/6	Tue 6/7	Wed 6/8	Thu 6/9	Trends Fri 06/10 - Sun 06/12
Weather	Rain	Showers	AM Showers	M Sunny	Partly ClDY	Sunny	Max Temps: Near Normal
Max T	54-63	54-63	53-63	65-73	64-74	70-80	MinTemps: Near Normal
Min T	See Above	42-48	39-45	37-44	39-46	40-50	Precipitation: Highly Unlikely
POP	90%	80%	50%(am)	10%	0%	0%	WxPattern: Weaker troughing along the
Amounts	.50 - 1.5	.10 - .75	Tr - .25	Tr - .05	none	none	West Coast. Dry & warmer, but
Winds	SE-E 5-20	E-Var 5-15	SW-W 5-20	W-NW 5-15	SW-NW 5-15	NW 3-15	still not hot

"This forecast was brought to you by the Lake County Wine Grape Commission and the Lake County Fruit Frost Trust Fund, which is supported by the Lake County Dept. of Agriculture, the University of California Cooperative Extension, the Lake County Air Quality Management District, the University of California IPM project, Lake County Farmer's Finest, and local agricultural support businesses. "