



Lake County Frost Forecast

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HIGHLIGHTS: No frost threat for the foreseeable future. Mild WSW'erly flow aloft to persist through week bringing lots of mid/high clouds & the "potential" for a decent amount of **rain** by Thu/Fri (front to tap subtropical moisture source). Daytime highs will be cooler than normal (but not that cold, pleasant actually); nightly lows will be relatively balmy (near 50F).

Weather & Frost Discussion: Very little change in thinking from this morning, other than maybe a little more confidence that we could see a "mild" rain later this week. This will be the last frost forecast of the season. Unfortunately I've contracted a nasty case of food poisoning today and I'm making this last forecast a brief one. Rest assured, local growers can finally relax this week (and hopefully beyond) after frost threats seemingly every night through this month of May. All the cold air is forecast to stay up in the Gulf of Alaska this week (where it belongs). The stationary front that is forecast to set up along the North Coast has the potential to dump copious rainfall up in the NW mountains and NW coast of California. Whether or not it will sag far enough southward to soak Lake County remains to be seen... probably not, but there's a modest chance it could. Stay tuned to the morning forecasts.

This is the last frost forecast of the 2010 frost season.

FORECAST MINIMUM TEMPERATURES BASED ON OVERNIGHT CONDITIONS

Conditions:	Clear Skies	Partly cloudy/fog or	Cloudy and/or	2pm Observations		This morning's minimum		
	Calm winds >4hrs	light wind (5-10mph)	breezy (>10mph)	Temperature	DewPt			
Confidence →	20%	40%	30%					
Upper Lake	45	50	55	72	-5	60	+10	55.0
Scotts Valley	45	50	55	72	-6	55	+7	53.1
Kelseyville	45	50	55	71	-10	54	+8	50.6
Kelseyville South	45	50	55	71	-9	56	+7	48.5
Bell Hill West	45	50	55	70	-10	53	+10	50.0
Red Hills (upper)	45	50	55	n/a	--	n/a	--	n/a
Red Hills (lower)	45	50	55	67	-9	53	+9	54.1
Middletown	45	50	55	72	-8	54	+16	50.1
Guenoc Valley	45	50	55	76	-7	55	+9	51.2
Napa Valley Basin	45	50	55	77	-7			55.0
Cow Mountain				50	-16			

Bold is the most likely case

For Tonight:

Chance of Rain & Amounts: 10%, Tr - .05"

Winds: W 5-20 rdgs, 0-10 vals

Inversion Strength Tonight: Weak

Inversion Strength Tue Night: Weak/moderate

Tonight's Dew Point Temps: 48-53

EXTENDED RANGE OUTLOOK

	Tue 6/1	Wed 6/2	Thu 6/3	Fri 6/4	Sat 6/5	Sun 6/6	Trends Mon 06/7 - Wed 06/9
Weather	Partly ClDY	Partly ClDY	Mostly ClDY	Mostly ClDY	Partly ClDY	Sunny	Max Temps: Near to above normal
Max T	68-78	72-82	65-75	64-74	73-83	78-88	MinTemps: Near to above normal
Min T	See Above	45-55	47-55	46-54	45-55	44-54	Precipitation: Unlikely
POP	10%	10%	40%(pm)	40%(am)	10%	0%	WxPattern: Upper ridge builds over CA
Amounts	Tr - .05	Tr - .05	Tr - .50	Tr - .25	Tr - .05	none	early next week but likely
Winds	SW-W 5-15	SW-W 5-15	SW 5-20	SW-W 5-20	NW 5-15	NW 5-15	weekends some by midweek

"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. "