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Lake County Forecast

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Friday February 3, 2012 issued 7:30am

by Forecaster Marc Walsh

HIGHLIGHTS: **Dry** with mild days & chilly nights through the weekend. Increasing clouds on Monday. **Chance of rain** on Tuesday (if happens ~1/4-1/2" possible). Slight chance of a little more **rain** the weekend of the 11th/12th.

Short Term Weather Discussion: A highly amplified upper level ridge of high pressure currently extends from California up the West Coast all the way into western Canada, keeping us dry with the storm track arching well to our north. Little change in the weather is expected through the weekend as high pressure remains overhead. Do expect frosty mornings in the local valleys with lows generally getting down into the mid/upper 20s while the ridges remain in the 40s (with strong inverisons). Days will be very pleasant warming well into the 60s if not the lower 70s in the county's warmest locations today & tomorrow.

FORECAST SPECIFICS

		<u>Weather</u>	<u>Max/Min</u>	<u>Dew Pts</u>	<u>POPs</u>	<u>Amounts</u>	<u>Winds</u>
TODAY	(am)	Valley fog→Ptly Cldy	62-71	15-30	0%	none	E 3-12
	(pm)	Mostly Sunny					
TONIGHT	(valley)	Mostly Clear	22-32	20-30	0%	none	Var 0-5
	(hills)		41-46				E 3-12
SATURDAY		Mostly Sunny	62-71	20-30	0%	none	E-SE 3-12

Extended Forecast Discussion: The pattern is forecast to begin to shift on Monday as fairly large upper level trough over the EPAC approaches the West Coast. The initial impact of this trough on Monday will be limited to increasing mid/high clouds in the afternoon. Models remain consistent in showing rain spreading over the valley on Tuesday with this system although its vigorous cold front is likely to split as it comes onshore. Can foresee models backing off as we get closer to the event. The strong ridge over California will no doubt take its toll on this system. High pressure is forecast to quickly rebound following this system returning dry conditions to finish off the work week. Another "splitting" system is forecast to move into the ridge by the weekend of 11th/12th, but it's likely to mostly succumb to the ridge leaving little more than some clouds & perhaps a few light showers to the northern end of the state. After that... it looks like "Ridge City" heading into 3rd week of February. In summary, next Tuesday really looks like our only decent shot for any precipitation for the next 2 weeks.

EXTENDED RANGE OUTLOOK

	<u>Sun 2/5</u>	<u>Mon 2/6</u>	<u>Tue 2/7</u>	<u>Wed 2/8</u>	<u>Thu 2/9</u>	<u>Trends Fri 02/10 - Sun 02/12</u>
Weather	Partly Cldy	Mostly Cldy	Rain	Partly Cldy	M Sunny	Max Temps: Near normal
Max T	60-70	58-65	48-56	54-64	60-68	Min Temps: Near normal
Min T	22-46	26-46	40-45	26-40	24-44	Precipitation: Chance Fri/Sat
POP	0%	10%(eve)	50%(am)	10%	0%	Wx Pattern: Another minor breakthrough of westerlies possible heading into next weekend
Amounts	none	Tr - .10	Tr - .50	Tr - .05	none	
Winds	Var-SE 3-12	SE 3-15	S-SW 10-25	NW 3-12	Var-SE 0-10	

Yesterday across Lake County...

This morning across Lake County...

Avg Max: 66°F Range: (63 - 71) Warmest: Guenoc Valley, Avg Min: 31°F Range: (24 - 43) Coldest: Scotts Valley

POP = Probability of Precipitation

Lake County Campbell Scientific Weather Station Network
Daily Meteorological Summary
Thursday, February 2, 2012

	Temperature					Avg	Avg	WIND			Precipitation		Chill Hours		3-Feb-12
	Max	time	Min	time	Avg	DewPt	RH	Avg	Gust	Gust	24hr	Season	hrs < 45°F		This Morning's
	°F	occur	°F	occur	°F	°F	%	mph	mph	Dir	In.	In.	ytd	11/1 on	Min Temp °F (6am)
Upper Lake	64.2	1536	32.1	717	42.8	38.7	88	1.2	10.5	SSE	0.00	11.45	15.8	1367	27.8
Scotts Valley	66.7	1526	27.2	725	40.9	34.1	82	0.8	7.2	S	0.00	11.65	15.5	1417	23.8
<i>Kelseyville not available</i>															n/a
Kelseyville South	63.5	1657	29.3	633	41.3	34.4	81	0.3	5.6	NNE	0.00	8.02	15.9	1312	25.7
Bell Hill West	65.1	1616	28.8	722	40.8	35.2	84	2.0	6.8	N	0.00	8.96			26.5
Red Hills	64.0	1156	34.4	625	49.9	22.3	43	3.1	11.9	NE	0.00	9.00	8.5	947	43.0
Red Hills 2	65.4	1220	34.4	557	50.2	26.0	46	3.1	13.7	ESE	0.00	9.58	7.8	995	42.6
<i>Red Hills 3 not available</i>															n/a
Red Hills Lower	63.4		24.0										----	----	31.0
Middletown	68.9	1301	31.4	644	46.7	25.2	56	2.9	16.7	NE	0.00	14.79	14.1	---	29.3
Guenoc Valley	71.1	1339	29.9	635	45.8	25.2	58	3.0	17.0	SSW	0.00	8.42	14.1	---	27.1
Napa Valley Basin	71.2	1322	26.1	713	46.7	-----	-----	2.8	25.6	NNW	0.00	8.85	12.2	1225	23.4
Pope Valley	72.2	1340	28.7	702	45.3	24.4	62	1.5	14.2	NW	0.00	7.79	14.5	1274	24.9
Cow Mountain	62.2	1338	44.3	0	52.8	-----	-----	5.0	15.7	NE	-----	-----	-----	---	42.1
Morgan Valley	61.4	1342	42.1	1	51.9	11.4	27	3.0	34.4	WNW	0.00	10.29	-----	---	34.7

** Morgan Valley sensors on high tower