



Western Weather Group's Lake County Forecast

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Monday October 16, 2017 issued 7:30am

HIGHLIGHTS: Variable high cloudiness, otherwise sunny, very warm today with light winds. Widespread valley frost tonight with another warm, largely sunny day to follow on Tuesday. Still pleasant Wednesday but a weather system to bring significant cooling, blustery winds and some precipitation to Lake County Thursday night into Friday.

SHORT TERM SPECIFICS

	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	Mostly Sunny (areas of smoke)	85-90	25-35	0%	none	Var 0-5→SE-S 5-10
TONIGHT	(valley) (hills) Mostly Clear	27-37 30-55	25-30	0%	none	Var 0-5 SE-Var 0-10
Tuesday	Mostly Sunny	82-87	30-40	0%	none	Var 0-5→S-SW 5-10

Forecast Discussion: A broad ridge of high pressure will peak in intensity across California, leaving Lake County winds light and poorly organized while valley locations note temperatures soaring toward the 90F mark this afternoon under mostly sunny skies. After a clear, seasonably chilly night in which many valley locations again dip below freezing, the slow erosion of the protective ridge will allow a bit more high clouds to leak across the North State tomorrow. Otherwise Tuesday will be only a degree or two cooler than today while winds remain very light and only show marginal organization out of the southwest in the afternoon.

Extended Forecast Discussion: High pressure, although continuing to weaken, will hold together long enough to bring one more sunny, seasonably warm day to Lake County on Wednesday before the westerlies direct a well supported Gulf of Alaska weather system inland across the Pacific Northwest and Northern California Thursday into Friday. Present timing has this disturbance's cold front bringing a few hours of precipitation to Lake County Thursday night (mostly in the predawn hours of Friday) before giving way to scattered showers on Friday. Most of this shower activity looks to be confined to North State mountain and coastal areas. High pressure will quickly rebuild, returning sunny skies and blustery north winds to the region on Saturday. At least a few days of much warmer, less windy weather (with widespread valley frost at night) looks to follow as a strong ridge of high pressure resettles over the West Coast.

EXTENDED RANGE OUTLOOK

	Wed 10/18	Thu 10/19	Fri 10/20	Sat 10/21	Sun 10/22	Trend Mon 10/23 - Wed 10/25
Weather	M Sunny	Mostly Clidy	Rain→Shwrs	M Sunny	M Sunny	Max Temps: Above normal
Max T	80-85	65-70	55-60	65-70	72-77	Min Temps: Near normal
Min T	30-55	35-50	40-55	25-45	25-50	Precipitation: none
POP	0%	40% late	80%	0%	0%	Wx Pattern: Strong West Coast ridge slowly moderates but continues to effective block storm activity
Amounts	none	Tr -.15	.10 -.50	none	none	
Winds	SW-W 5-15	S-SW 5-25	S→W 15-25	W-NW 5-25	NW 5-15	

Temperatures across Lake County yesterday...

Avg High: 83°F Range: (76 - 86) Warmest: Middletown,

Temperatures across the county this morning...

Avg Low: 37°F Range: (27 - 57) Coldest: Scotts Valley

Today's Normals and Extremes(w/year) for selected Lake County stations

Upper Lake	76/40	90 (2005), 31 (2013)	Middletown	77/43	93 (2012), 34 (2002)
Scotts Valley	76/37	91 (2012), 28 (2013)	Guenoc Valley	78/41	94 (2012), 32 (2013)
Red Hills	74/48	87 (2012), 30 (2004)			

Lake County Campbell Scientific Weather Station Network
Daily Meteorological Summary
Sunday, October 15, 2017

10/16

	Temperature					Avg DewPt °F	Avg RH %	WIND			Precipitation		Continuous		ETo in.	AM MinT °F
	Max °F	time occur	Min °F	time occur	Avg °F			Avg mph	Gust mph	Gust Dir	24hr In.	Season In.	Hours w/Temps 70-85°	>95°F		
Upper Lake	80.7	1532	31.5	715	52.5	28.9	52	1.1	9.1	SSE	0.00	0.01	5.3	0.0	---	31.7
Scotts Valley	82.7	1600	27.2	725	50.7	27.8	56	0.9	9.9	SSE	0.00	0.01	7.3	0.0	---	27.4
Kelseyville	81.1	1526	32.0	635	51.7	32.3	53	1.5	12.7	ENE	0.00	0.04	5.7	0.0	0.12	31.9
Kelseyville remote	81.7	1512	32.6	556	53.2	28.0	48	---	---	--	0.00	0.01	6.5	0.0	---	32.2
Kelseyville South	83.4	1544	31.3	655	53.7	22.5	40	0.8	8.3	SSE	0.00	0.00	6.8	0.0	0.12	31.7
<i>Bell Hill West not available</i>																
Red Hills 1	76.2	1600	54.3	2315	64.7	18.5	17	2.6	10.2	ENE	0.00	0.00	7.0	0.0	0.16	48.9
Red Hills Lower	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27.7
Red Hills 3	79.5	1526	56.4	711	66.1	20.0	17	5.0	11.7	ESE	0.00	0.00	0.0	0.0	0.20	56.7
Middletown	86.4	1627	35.5	601	--	24.6	37	1.8	9.3	WNW	0.00	0.03	7.9	0.0	---	35.4
Guenoc Valley	82.3	1601	33.5	702	54.3	23.2	36	1.0	8.8	NE	0.00	0.00	7.5	0.0	0.11	33.5
Upper Bohn North	86.0	1615	44.5	700	61.8	22.9	26	1.7	7.9	S	0.00	0.00	7.6	0.0	0.10	42.2
Upper Bohn South	86.1	1611	43.6	455	59.9	25.3	33	2.0	8.8	ESE	0.00	0.00	7.6	0.0	0.10	41.1
Napa Valley Basin	84.4	1317	29.0	716	52.5	21.2	35	0.9	8.8	SE	0.00	0.01	7.2	0.0	0.10	29.3
Pope Valley South	84.6	1426	37.7	654	59.6	29.1	37	2.1	16.9	E	0.00	0.01	8.0	0.0	0.10	37.9
Morgan Valley	73.6	1422	59.1	653	66.0	14.0	13	4.0	21.9	ENE	0.00	0.00	---	---	0.12	63.6
Ukiah - Ruddick	91.5	1626	31.4	656	53.9	30.6	54	1.0	7.8	SE	0.00	0.04	0.1	0.0	0.12	31.5
Cow Mountain	74.7	1658	56.7	803	64.1	---	---	8.4	15.6	E	---	---	---	---	---	62.4

** Morgan Valley sensors on high tower (50ft)

Lake County ETo Forecast	7 day outlook 10/16 - 10/22		Past week (10/9 - 10/15) summary				
	normal	forecast	Daily		7 day total	period normal	percent normal
			max	min			
Ukiah-Ruddick	0.63	0.63	0.15	0.10	0.88	0.69	126%
Kelseyville	0.66	0.66	0.16	0.09	0.84	0.76	110%
Red Hills 2	0.74	0.74	0.18	0.12	1.08	0.87	124%
Guenoc Valley	0.71	0.71	0.16	0.10	0.90	0.84	108%