



Western Weather Group's Lake County Forecast

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Thursday May 25, 2017 issued 7:30am

HIGHLIGHTS: A weak trough of low pressure will slowly work its way through the Pacific NW and Great Basin over the next 48 hours or so, keeping temperatures seasonably cool for late May. A weak upper level ridge of high pressure settles into the Pacific NW over the Weekend resulting in a warming trend that continues through Tuesday.

SHORT TERM SPECIFICS

	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	Sunny	74-80	45-50	0%	none	SW 5-15 G20
TONIGHT	Clear	40-46	40-45	0%	none	W-Var 3-12
FRIDAY	Sunny	75-81	45-50	0%	none	SW 5-20

Forecast Discussion: A trough of low pressure passing through the Pacific NW today will continue to draw a cooler air mass inland over northern California, in addition to keeping persistent onshore flow in place. As a result, relatively mild day time highs can be anticipated this afternoon. Thanks to the cooler air mass overhead, overnight lows may bottom out in the low 40s again for some areas. On Friday the trough of low pressure over the Pacific NW will slide eastward into the Intermountain West, allowing temperatures to come up a degree or two at best.

Extended Forecast Discussion: A weak upper level ridge of high pressure will slowly push inland across the Pacific NW on Saturday, which should suppress onshore flow enough to allow a warming trend to take place through the Holiday weekend. By the beginning of next week, high temperatures may return to the mid and upper 90s for more interior regions of the North State. Then, on Wednesday, a troughing pattern appears to return to the West Coast, which should at least provide a brief cooling trend heading into the second half of the work week.

EXTENDED RANGE OUTLOOK

	Sat 5/27	Sun 5/28	Mon 5/29	Tue 5/30	Wed 5/31	Trends Thu 06/1 - Sat 06/3
Weather	Sunny	Sunny	M Sunny	Partly Cldy	Partly Cldy	Max Temps: Near to above normal Min Temps: Near normal Precipitation: None
Max T	77-83	82-88	88-94	95-100	85-92	
Min T	38-46	44-56	48-65	49-69	50-68	
POP	0%	0%	0%	0%	10%	Wx Pattern: Computer models disagree on whether or not East Pacific high pressure pushes inland.
Amounts	none	none	none	none	Tr - .05	
Winds	SW-W 5-15	SW-W 5-15	SW-W 5-15	SW-W 5-15	SW-W 5-15	

Temperatures across Lake County yesterday...

Avg High: 87°F Range: (83 - 90) Warmest: Upper Lake,

Temperatures across the county this morning...

Avg Low: 45°F Range: (42 - 51) Coldest: Upper Bohn South

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

Upper Lake	79/44	94 (2005), 37 (2010)	Middletown	79/46	90 (1999), 39 (2012)
Scotts Valley	79/42	91 (2005), 34 (2012)	Guenoc Valley	82/47	95 (2002), 38 (2012)
Red Hills	77/50	89 (2009), 38 (2010)			



Lake County Campbell Scientific Weather Station Network
Daily Meteorological Summary
Wednesday, May 24, 2017

	Temperature					Avg DewPt °F	Avg RH %	WIND			Precipitation		Continuous		ETo in.	5/25 AM MinT °F
	Max	time	Min	time	Avg			Avg	Avg	Gust	Gust	24hr	Season	Hours w/Temps		ETo
	°F	occur	°F	occur	°F			°F	mph	mph	Dir	In.	In.	70-85° >95°F		in.
Upper Lake	89.5	1437	49.5	623	69.9	47.7	53	1.7	11.6	N	0.00	52.47	4.0	0.0	---	51.4
Scotts Valley	88.6	1422	44.1	558	66.2	50.3	66	1.9	16.2	NW	0.00	51.62	3.1	0.0	---	43.6
Kelseyville	88.8	1249	48.2	610	68.2	48.3	53	0.0	0.4	S	0.00	39.12	3.7	0.0	0.22	44.5
Kelseyville South	87.2	1316	48.8	532	68.7	46.1	50	3.8	15.0	S	0.00	41.79	2.9	0.0	0.28	45.5
Bell Hill West	86.0	1451	50.0	606	68.2	47.8	53	5.1	17.0	W	0.00	50.21	2.4	0.0	0.27	46.8
Red Hills 1	84.6	1430	56.6	2315	72.6	41.0	32	5.2	17.0	WSW	0.00	56.74	14.0	0.0	0.32	45.8
Red Hills Lower	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.9
Red Hills 3	83.1	1411	56.0	2341	72.3	45.6	39	5.8	13.0	NW	0.00	42.81	0.0	0.0	0.31	44.6
Middletown	86.6	1124	47.7	553	65.7	48.8	60	4.2	22.6	SE	0.00	85.30	9.5	0.0	---	42.1
Guenoc Valley	88.6	1443	49.6	537	68.3	49.6	58	3.0	15.7	W	0.00	60.47	3.5	0.0	0.25	43.7
Upper Bohn North	86.5	1451	53.0	536	67.5	51.3	60	3.6	16.2	ESE	0.00	55.64	5.5	0.0	0.24	45.4
Upper Bohn South	86.5	1458	49.8	535	65.7	51.1	64	2.5	17.1	E	0.00	55.30	5.3	0.0	0.22	41.6
Napa Valley Basin	85.7	1500	48.1	606	66.4	51.2	62	3.9	16.3	ENE	0.00	45.63	10.4	0.0	---	43.3
Pope Valley South	80.7	1508	50.6	530	65.5	51.6	62	--	--	SW	0.00	47.25	3.9	0.0	--	48.6
Morgan Valley	79.4	1342	52.1	2311	71.4	46.2	36	--	--	SSW	0.00	64.45	---	---	0.26	43.5
Ukiah - Ruddick	88.8	1605	51.2	549	65.4	54.4	72	7.3	19.2	ENE	0.00	53.14	0.2	0.0	0.21	52.7
Cow Mountain	73.1	1348	48.5	0	65.8	---	---	12.7	22.0	W	---	---	---	---	---	42.7

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

* Kelseyville temp sensor is too cool when irrigating

Lake County ETo Forecast	7 day outlook 5/25 - 5/31		Past week (5/18 - 5/24) summary				
	normal	forecast	Daily		7 day total	period normal	percent normal
			max	min			
Ukiah-Ruddick	1.21	1.33	0.25	0.21	1.66	1.30	128%
Kelseyville	1.46	1.61	0.23	0.20	1.50	1.40	107%
Red Hills 2	1.41	1.55	0.32	0.26	2.06	1.36	151%
Guenoc Valley	1.51	1.66	0.27	0.24	1.75	1.47	119%