



Western Weather Group's Lake County Forecast

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Tuesday August 21, 2018 issued 7:30am

HIGHLIGHTS: Noticeably cooler today with very hazy conditions from regional wildfires. Seasonably pleasant conditions likely to last out the week and probably the weekend as the westerlies maintain a troughing pattern along the West Coast.

SHORT TERM SPECIFICS

	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	Sunny, hazy (Areas of smoke)	87-92	35-45	0%	none	Var 0-5→S-SW 5-20
TONIGHT	(valley) Mostly Clear (hills) (Areas of smoke)	42-47 47-62	40-45	0%	none	Var 0-5 SW-NW 5-15
Wednesday	Sunny, hazy (Areas of smoke)	87-92	35-45	0%	none	SW-W 5-15

Forecast Discussion: A compact disturbance, working its way southward across the Pacific Northwest, will clip the northeast corner of California before weakening and ejecting slowly eastward tomorrow. This has led to the significant overnight expansion of the marine layer which strengthening onshore flow will draw well into the state's interior. Look for temperatures to top out around the 90F mark this afternoon. Northern areas of the county, are more apt to experience the more dense wildfire smoke but even south of Clear Lake wildfire induced haze could still interfere with the amount of solar radiation one receives. After a clear, cool night, expect temperature to rebound by no more than a degree or two on Wednesday as onshore flow temporarily relaxes across the North State.

Extended Forecast Discussion: Lake County temperatures are expected to fluctuate between the mid 80s to lower 90s for the rest of the work week and probably the weekend as the westerlies maintain some semblance of a trough along the West Coast. Temperatures may turn more seasonable (i.e. warmer) early next week before cooling off as August ends as the westerlies look to prevent a strong EPAC high from migrating across the West Coast.

EXTENDED RANGE OUTLOOK

	Thu 8/23	Fri 8/24	Sat 8/25	Sun 8/26	Mon 8/27	Trend Tue 08/28 - Thu 08/30
Weather	Sunny, hazy	Sunny, hazy	Sunny, hazy	Sunny, hazy	Sunny, hazy	Max Temps: Near to below normal
Max T	85-90	87-92	85-90	82-87	82-87	Min Temps: Near to below normal
Min T	40-60	40-60	40-60	40-60	40-60	Precipitation: unlikely
POP	0%	0%	0%	0%	0%	Wx Pattern: Strong EPAC ridge largely fails to work its way onshore as westerlies maintain trough over West Coast
Amounts	none	none	none	none	none	
Winds	Var-W 3-15	Var-W 3-15	SW-W 5-15	SW-W 5-15	SW-W 5-15	

Temperatures across Lake County yesterday...

Avg High: 96°F Range: (94 - 101) Warmest: Middletown,

Temperatures across the county this morning...

Avg Low: 56°F Range: (48 - 68) Coldest: Scotts Valley

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

Upper Lake	91/51	100 (1999), 46 (2009)	Middletown	89/51	100 (1999), 43 (2010)
Scotts Valley	90/48	97 (2017), 42 (2002)	Guenoc Valley	93/52	101 (2009), 42 (2010)
Red Hills	88/52	96 (2009), 52 (2002)			

Lake County Campbell Scientific Weather Station Network
Daily Meteorological Summary
Monday, August 20, 2018

	Temperature					Avg DewPt °F	Avg RH %	WIND			Precipitation		Continuous		ETo in.	8/21 AM	
	Max	time	Min	time	Avg			Avg	Avg	Gust	Gust	24hr	Season	Hours w/Temps		ETo	MinT
	°F	occur	°F	occur	°F			°F	mph	mph	Dir	In.	In.	70-85° >95°F		in.	°F
Upper Lake	94.9	1458	48.9	630	69.9	52.7	64	1.1	9.6	NNW	0.00	0.00	4.3	0.0	---	51.4	
Scotts Valley	99.4	1526	44.6	629	70.0	42.9	50	1.1	12.3	SW	0.00	0.01	2.1	2.3	---	48.2	
Kelseyville	93.8	1602	49.0	639	71.0	51.8	55	2.4	15.3	SW	0.00	0.00	3.7	0.0	0.22	52.7	
Kelseyville remote	98.2	1452	49.2	642	72.6	45.9	46	---	---	---	---	---	3.2	2.3	---	52.6	
Kelseyville South	97.1	1442	48.3	640	72.0	44.0	45	---	14.5	W	0.00	0.00	2.8	2.1	0.23	52.6	
Bell Hill West	95.2	1405	52.1	606	72.9	44.0	41	3.7	13.8	S	0.00	0.00	3.2	0.1	0.25	55.2	
Wight Way (8989)	100.2	1355	45.3	644	71.3	45.9	51	1.8	13.2	S	0.00	0.00	1.9	4.1	0.23	49.8	
High Valley Ridgeline	94.6	1546	69.1	633	79.1	41.7	29	5.8	16.5	WSW	0.00	0.00	11.1	0.0	0.28	66.5	
Ridgeline High (2450')	94.5	1555	69.7	632	79.4	---	---	---	---	--	---	---	15.6	0.0	---	68.0	
Ridgeline Low (2100')	95.5	1349	64.7	645	79.0	---	---	---	---	--	---	---	7.5	0.1	---	62.6	
High Valley (1790')	97.8	1621	48.2	627	73.8	39.7	37	3.0	16.7	SW	0.00	0.00	3.7	2.8	---	52.1	
Red Hills 1	93.2	1600	64.4	315	77.8	41.4	27	2.7	9.1	NW	0.00	0.00	12.0	0.0	0.26	--	
Red Hills Lower	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.3	
Red Hills 3	95.9	1511	68.3	726	79.6	41.6	26	4.1	12.0	ESE	0.00	0.00	0.0	1.2	0.29	64.8	
Middletown	100.7	1433	50.3	417	--	45.6	44	2.2	18.4	WSW	0.00	0.00	3.1	1.1	---	51.0	
Guenoc Valley	96.8	1419	49.5	550	--	44.0	42	1.9	14.5	ESE	0.00	0.00	2.1	2.0	0.24	53.7	
Upper Bohn North	97.5	1430	54.0	550	74.5	45.4	42	2.7	15.4	ESE	0.00	0.00	2.8	2.6	0.23	54.1	
Upper Bohn South	97.5	1510	52.4	637	74.4	43.9	37	1.7	14.0	ESE	0.00	0.00	2.7	3.1	0.19	55.5	
<i>Napa Valley Basin not available</i>																	
Pope Valley South	93.8	1504	51.9	553	71.5	54.0	60	3.4	11.6	SSE	0.00	0.00	3.3	0.0	0.22	53.3	
<i>Morgan Valley not available</i>																	
Ukiah - Ruddick	98.9	1525	48.1	643	69.7	50.6	58	3.4	18.4	SSE	0.00	0.00	3.1	3.3	0.20	52.0	
Cow Mountain	86.8	1255	71.1	2037	76.7	---	---	8.8	20.6	W	---	---	---	---	---	72.8	

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

Lake County ETo Forecast	7 day outlook 8/21 - 8/27		Past week (8/14 - 8/20) summary				
	normal	forecast	Daily		7 day total	period normal	percent normal
			max	min			
Ukiah-Ruddick	1.44	1.22	0.28	0.11	1.75	1.50	117%
Kelseyville	1.47	1.25	0.27	0.11	1.68	1.54	109%
Red Hills 2	1.67	1.42	0.37	0.14	2.03	1.74	117%
Guenoc Valley	1.59	1.35	0.30	0.15	1.87	1.67	112%