



Western Weather Group's Lake County Forecast

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Sunday August 20, 2017 issued 7:30am

HIGHLIGHTS: Mostly sunny skies and average temperatures are likely this afternoon for Lake County. However, a slight cooling trend will extend through Tuesday as an upper level low meanders northward. Although, high pressure builds over the North State later this week returning above normal temperatures to Lake County.

SHORT TERM SPECIFICS

	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	Mostly Sunny	90-96	52-57	10% (eve)	Tr - .05	SE→SW 5-15
TONIGHT	(valley) (hills) Clear	50-58 59-69	50-55	0%	none	Var-SE 0-10
Monday	Mostly Sunny	86-92	52-57	20% (pm)	Tr - .15	SE-SW 5-15 G20

Forecast Discussion: A weak upper level disturbance will evolve into a upper level cutoff over Central and Southern California today. As a result, onshore flow is anticipated to strengthen this afternoon causing afternoon highs to be slightly cooler compared to yesterday. Therefore, afternoon highs are likely to climb into the low to mid 90s for most locations in the county. In addition, this upper level cutoff low will migrate northward tomorrow allowing onshore flow to strengthen. This strengthening of onshore flow will continue a subtle cooling trend for the North State causing afternoon temperatures to be a few degrees cooler relative to today. Also, this upper level low allowed moisture to be transported into the California resulting in showers and thunderstorms in the Sierras and Coastal mountains. Although, a slight shower could drift over a few county locations in the late afternoon hours today and tomorrow.

Extended Forecast Discussion: A upper level cutoff low will meander over California on Tuesday continuing a subtle cooling trend for the North State, allowing afternoon temperatures to hover around normal for Lake County. Thanks to this upper level low, temperatures will continue to fluctuate a couple of degrees through Thursday. In addition, a ridge of high pressure will build over Northern California returning above average temperatures to the county on Friday. This ridge will amplify over the weekend continuing a warming trend for the North State. Long range models are still undecided if this ridge will lock in place or disintegrate due to a trough of low pressure digging down from the north early next week.

EXTENDED RANGE OUTLOOK

	Tue 8/22	Wed 8/23	Thu 8/24	Fri 8/25	Sat 8/26	Trend Sun 08/27 - Tue 08/29
Weather	M Sunny	Sunny	M Sunny	M Sunny	Sunny	Max Temps: Above normal
Max T	84-90	89-95	89-95	90-96	91-97	Min Temps: Near to above normal
Min T	48-63	52-67	46-60	43-63	43-63	Precipitation: None
POP	10%	0%	0%	0%	0%	Wx Pattern: High pressure builds over California
Amounts	Tr - .05	none	none	none	none	potentially keeping above normal
Winds	S-SW 5-15	S-SW 3-15	W-SW 3-12	SE-SW 3-15	SE-SW 3-15	temps.

Temperatures across Lake County yesterday...

Temperatures across the county this morning...

#REF!

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

Upper Lake	91/50	101 (2009), 44 (2001)	Middletown	90/51	98 (2009), 45 (2010)
Scotts Valley	89/48	100 (2009), 41 (2001)	Guenoc Valley	94/51	106 (2009), 43 (2010)
Red Hills	89/58	100 (2009), 51 (2002)			



Lake County Campbell Scientific Weather Station Network
Daily Meteorological Summary
Saturday, August 19, 2017

8/20

	Temperature					Avg	Avg	WIND			Precipitation		Continuous		ETo	AM MinT °F
	Max °F	time occur	Min °F	time occur	Avg °F	DewPt °F	RH %	Avg mph	Gust mph	Gust Dir	24hr In.	Season In.	Hours w/Temps 70-85°	>95°F		
Upper Lake	93.9	1501	55.5	640	73.1	59.6	68	1.5	12.0	SSE	0.00	0.00	3.8	0.0	---	55.3
Scotts Valley	95.4	1617	52.2	616	72.6	55.9	64	1.3	12.7	E	0.00	0.00	2.0	0.2	---	52.1
Kelseyville	95.4	1424	56.1	644	74.0	56.7	59	2.5	15.3	WSW	0.00	0.02	4.1	0.0	0.22	56.5
Kelseyville remote	95.8	1434	57.4	634	75.5	54.9	54	---	---	--	0.00	0.00	3.8	0.5	---	57.1
Kelseyville South	94.3	1354	55.8	636	74.5	56.1	59	2.0	13.5	W	0.00	0.00	2.9	0.0	0.22	55.5
Bell Hill West	94.1	1343	58.6	636	75.4	55.2	54	2.4	14.3	SW	0.00	0.00	3.5	0.0	0.23	57.7
Red Hills 1	92.9	1530	64.9	500	77.6	56.2	48	1.8	12.3	WNW	0.00	0.00	10.0	0.0	0.23	63.6
Red Hills Lower	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52.3
Red Hills 3	92.5	1356	69.1	2356	78.9	54.9	44	3.4	10.3	WNW	0.00	0.00	0.0	0.0	0.25	67.8
Middletown	95.8	1000	57.4	636	--	57.4	58	2.3	19.8	SE	0.00	0.00	2.8	0.3	---	54.0
Guenoc Valley	95.8	1642	60.2	647	77.8	56.7	53	1.8	12.3	SSW	0.00	0.00	3.2	1.0	0.23	56.0
Upper Bohn North	96.3	1428	61.0	611	77.4	56.9	54	2.7	13.6	SE	0.00	0.00	4.3	0.4	0.23	56.1
Upper Bohn South	96.8	1505	58.9	2359	75.7	56.9	59	1.7	13.2	SW	0.00	0.00	2.2	1.3	0.20	53.9
Napa Valley Basin	97.3	1537	57.4	647	76.4	56.9	55	2.9	17.2	SW	0.00	0.01	4.2	3.1	0.24	53.1
Pope Valley South	93.6	1244	57.8	624	74.3	58.9	62	3.4	12.3	S	0.00	0.00	4.5	0.0	0.16	56.2
Morgan Valley	88.5	1447	71.2	2333	79.6	50.8	39	4.4	15.8	SSW	0.00	0.00	---	---	0.23	70.4
Ukiah - Ruddick	92.3	1600	55.2	646	71.1	57.8	67	5.0	17.4	NE	0.00	0.00	0.2	0.0	0.20	55.2
Cow Mountain	83.2	1139	72.6	2005	77.7	---	---	6.9	18.1	W	---	---	---	---	---	68.1

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

Lake County ETo Forecast	7 day outlook 8/20 - 8/26		Past week (8/13 - 8/19) summary				
	normal	forecast	Daily		7 day total	period normal	percent normal
			max	min			
Ukiah-Ruddick	1.44	1.44	0.23	0.20	1.49	1.53	97%
Kelseyville	1.48	1.48	0.24	0.21	1.55	1.55	100%
Red Hills 2	1.68	1.68	0.30	0.22	1.73	1.75	99%
Guenoc Valley	1.58	1.58	0.25	0.21	1.58	1.69	93%