



Western Weather Group's Lake County Forecast

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Saturday June 23, 2018 issued 7:30am

HIGHLIGHTS: Very hot conditions expected today with breezy north winds and highs reaching the 108F mark. Onshore flow develops tomorrow afternoon, cooling the county off some. Slightly above normal temps should continue for the latter half of the work week as onshore winds keep daytime heating somewhat in check.

SHORT TERM SPECIFICS

		Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	(NW)	Sunny	100-106	30-40	0%	none	N-NE 5-15 G20-25
	(SE)		103-108				
TONIGHT	(valley)	Clear	52-62	30-40	0%	none	Var-N 0-10
	(hills)		63-75				NE-Var 3-15
Sunday	(NW)	Sunny	98-103	35-45	0%	none	NE→NW-SW 5-15 G25
	(SE)		101-106				

Forecast Discussion: A strong ridge of high pressure will center itself over the Golden State today allowing winds to organize and strengthen out of the north. This will result in gusts reaching 25 mph for many locations with locally higher gusts possible for northern portions of the region. These dry north winds will trigger afternoon highs to climb very quickly with temperatures peaking around the 108F mark. This ridge will begin its eastward migration over the Great Basin tomorrow afternoon, opening up the door for a trough to plunge southward from the Gulf of Alaska. As a result, onshore flow will return (25 mph). These winds will likely alter afternoon temperatures for all locations especially for areas near coastal gaps. The timing of these winds are crucial as they will determine how warm the county will get but highs in the upper 90s to lower 100s can still be anticipated.

Extended Forecast Discussion: Highs will cool into the middle 90s on Monday as a trough swings through the Pacific Northwest. However, a compact cell of high pressure will quickly transition through the state on Tuesday allowing temperatures to warm back into the upper 90s. Models are mixed but above normal temperatures are likely throughout the latter half of the work week as high pressure battles disturbances entering the Intermountain West. These conditions may generate even stronger north winds by next weekend but its to soon to be definitive.

EXTENDED RANGE OUTLOOK

	Mon 6/25	Tue 6/26	Wed 6/27	Thu 6/28	Fri 6/29	Trend Sat 06/30 - Mon 07/2
Weather	Sunny	Sunny	Sunny	Sunny	Sunny	Max Temps: Near to above normal
Max T	88-96	91-97	88-94	85-95	88-98	Min Temps: Near normal
Min T	47-67	44-64	46-66	45-65	45-65	Precipitation: none
POP	0%	0%	0%	0%	0%	Wx Pattern: Models disagree on whether or not unseasonably warm temps return.
Amounts	none	none	none	none	none	
Winds	NW-SW 5-25	W-SW 5-20	W-SW 5-20	NW-W 5-20	NW-W 5-20	

Temperatures across Lake County yesterday...

Avg High: 97°F Range: (94 - 102) Warmest: Upper Bohn North,

Temperatures across the county this morning...

Avg Low: 58°F Range: (47 - 72) Coldest: Scotts Valley

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

Upper Lake	87/49	107 (2006), 37 (2012)	Middletown	87/50	107 (2017), 37 (2012)
Scotts Valley	86/46	102 (2017), 37 (2012)	Guenoc Valley	90/50	107 (2006), 38 (2012)
Red Hills	85/43	104 (2006), 43 (2012)			



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Lake County Campbell Scientific Weather Station Network
Daily Meteorological Summary
Friday, June 22, 2018

6/23

	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	94.3	1437	47.7	616	72.9	51.4	54	1.8	17.0	NW	0.00	23.09	4.7	0.0	---	51.3
Scotts Valley	97.3	1502	41.5	558	71.1	43.9	48	1.5	13.5	WSW	0.00	21.19	3.3	1.9	---	47.0
Kelseyville	94.6	1557	47.3	610	70.8	51.2	54	2.4	15.3	W	0.00	15.22	3.2	0.0	0.27	51.4
Kelseyville remote	100.4	1509	47.2	553	74.3	44.4	42	---	---	---	---	---	3.0	3.5	---	51.3
Kelseyville South	98.0	1514	46.1	534	72.7	43.9	45	---	14.5	W	0.00	14.96	2.9	3.3	0.28	50.9
Bell Hill West	95.7	1443	49.5	551	72.6	45.0	43	3.5	14.3	SW	0.00	20.79	3.4	0.5	0.29	53.6
Wight Way (8989)	98.5	1512	43.0	543	72.5	45.6	48	2.3	14.6	W	0.00	21.49	2.8	2.9	0.28	47.8
High Valley Ridgeline	93.9	1615	67.5	455	78.2	45.3	33	7.2	19.3	W	0.00	17.64	5.7	0.0	0.35	67.4
Ridgeline High (2450')	95.5	1523	65.1	20	78.8	---	---	---	---	--	---	---	6.1	0.0	---	68.6
Ridgeline Low (2100')	94.8	1617	63.7	557	78.9	---	---	---	---	--	---	---	5.8	0.0	---	63.6
High Valley (1790')	96.3	1558	48.1	552	74.9	45.9	43	3.9	20.7	WSW	0.00	17.10	3.1	1.3	---	51.0
Red Hills 1	93.4	1600	59.1	615	78.2	43.2	29	3.8	13.8	WNW	0.00	19.32	9.0	0.0	0.33	--
Red Hills Lower	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.2
Red Hills 3	93.8	1526	65.5	526	79.7	43.0	27	3.8	14.1	S	0.00	18.95	0.0	0.0	0.34	66.4
Middletown	99.4	1535	49.7	553	--	48.9	45	2.8	18.5	WSW	0.00	37.10	1.9	1.4	---	54.7
Guenoc Valley	99.7	1357	51.9	454	--	47.7	42	2.5	13.8	WSW	0.00	18.04	3.1	5.9	0.30	62.3
Upper Bohn North	102.4	1428	56.8	446	81.4	44.8	33	2.6	14.5	W	0.00	16.43	3.4	6.8	0.28	
Upper Bohn South	101.9	1609	55.9	445	81.1	47.0	34	2.5	13.8	ESE	0.00	17.23	3.7	6.6	0.25	72.0
<i>Napa Valley Basin not available</i>																
Pope Valley South	103.2	1455	54.0	520	81.0	52.8	45	2.8	13.6	SW	0.00	18.08	2.6	8.3	0.29	60.6
Morgan Valley	93.2	1452	72.0	354	81.2	42.8	22	7.9	22.2	WNW	0.00	21.73	---	---	0.32	72.6
Ukiah - Ruddick	97.8	1339	46.3	605	72.3	47.3	49	4.1	20.6	N	0.00	23.89	3.9	3.5	0.29	52.0
Cow Mountain	82.9	1044	66.6	2313	74.8	---	---	9.0	26.2	W	---	---	---	---	---	68.7

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

Lake County ETo Forecast	7 day outlook 6/23 - 6/29		Past week (6/16 - 6/22) summary				
	normal	forecast	Daily		7 day total	period normal	percent normal
			max	min			
Ukiah-Ruddick	1.63	1.88	0.28	0.21	1.75	1.63	108%
Kelseyville	1.65	1.89	0.27	0.21	1.75	1.65	106%
Red Hills 2	1.79	2.06	0.32	0.19	1.95	1.75	111%
Guenoc Valley	1.73	1.99	0.28	0.20	1.77	1.78	100%