



# Western Weather Group's Lake County Forecast



This forecast was made possible by generous funding from the Lake County Winegrape Commission & American AgCredit

Issued: Wednesday, August 24, 2022 at 7:19 AM

**HIGHLIGHTS:** Hot and dry weather conditions persist throughout the week, with above-average temperatures slowly decreasing day by day across the county. The onshore influence will continue through the county this week, with some wind-prone locations having 20mph gusts.

Forecast Specifics	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
<b>Today</b>	valley hills	Sunny <b>95-102</b> <b>86-94</b>	35-45	0%	none	SW 5-15 G20
<b>Tonight</b>	valley hills	Mostly Clear 47-54 55-62	45-55 50-60	0%	none	N-NE 3-12
<b>Thursday</b>	valley hills	Sunny <b>92-100</b> 84-92	40-50	0%	none	SW 5-15

**Forecast Discussion:** Daytime temperatures continue to average above-seasonal expectations, but will begin to slowly decrease starting today in comparison to yesterday. However, temperatures today will keep recording hot conditions across the county between the mid-90s to the low-100s within wind-sheltered valley locations. Hilltop locations temperatures range within the mid-80s to mid-90s. While tomorrow will vary slightly lower as more weak troughing disturbances enter and affect the NorCal region. The Delta breeze will slightly increase this afternoon, with gusts around 20mph, but will remain rather persistent for the rest of the week.

**Extended Forecast Discussion:** High pressure sticks offshore of the Pacific Northwest over the weekend, allowing a stronger troughing pattern to affect the Northwestern United States. This weather pattern will incorporate a cooling trend in the county until early next week before another high-pressure system re-establishes itself over the Desert Southwest. Onshore flow will remain persistent throughout the forecast period.

Meteorologist, Brett Strongman

Extended Forecast	Fri 8/26	Sat 8/27	Sun 8/28	Mon 8/29	Tue 8/30	Wed 8/31 - Fri 9/2
<b>Weather/Sky</b>	M Sunny	M Sunny	M Sunny	M Sunny	M Sunny	<b>Max Temps</b> Near normal
<b>Max Temps</b>	89-99	83-93	82-92	84-94	86-96	<b>Min Temps</b> Near normal
<b>Min Temps</b>	46-56	45-55	44-54	45-55	46-56	<b>Precipitation</b> Unlikely
<b>POP</b>	0%	0%	0%	0%	0%	<b>Wx</b> A trough propagates eastward
<b>Amounts</b>	none	none	none	none	none	<b>Pattern</b> involving another potential cooling trend.
<b>Winds</b>	W-SW 5-20	W-SW 5-15	W-SW 5-20	W-SW 5-20	W-SW 5-20	

Temperatures across Lake County yesterday...

Avg Max: 97°F, Range: (94 - 102) Warmest: Lower Bohn || Avg Min: 55°F, Range: (47 - 75) Coldest: Scotts Valley

Temperatures across the county this morning...

Climate Summary	Temperature		Precipitation			Normal Temp		Record Temperatures	
	Max	Min	24hr	Season	% of	Max	Min	Max & Year	Min & Year
August 23, 2022	°F	°F	In.	→7/1	normal	°F	°F	°F	°F
Station:									
Ukiah	99	58	0.00	0.03	50%	93	54	110 1910	41 1917
Upper Lake	97	53	0.00	0.01	7%	92	50	101 2007	45 2010
Scotts Valley	<b>99</b>	49	0.00	0.01	25%	91	47	<b>99 2022</b>	40 2006
Middletown	96	57	0.00	0.09	94%	91	51	99 2007	44 2002

**Powdery Mildew Stress Outlook:** Hot and dry conditions persist for the valley, making stress increases unlikely through the week. Locations at higher elevations could see potential stress through the midweek.

# Lake County Weather Station Network

## Daily Meteorological Summary

### Tuesday, August 23, 2022

Station:	Elev. ft	Temperature		Avg	Max	Min	Wind			Precipitation		ETo In.	Min	Aug 24	
		Max °F	Min °F	DewPt °F	RH %	RH %	Avg mph	Gust mph	Gust Dir	24hr In.	Season 7/1→		Battery Volts	MinT °F	
<i>Ukiah-SE (Ruddick)</i>	571'	89.7	49.7	54.0	90	30	5.4	22.0	NW	0.00	0.02	0.23	12.8	53.1	RUD
Upper Lake	1345'	97.4	53.0	54.7	98	21	2.2	16.4	N	0.00	0.01	--	12.3	52.8	
Scotts Valley	1425'	99.2	48.6	52.4	99	21	1.2	15.2	NW	0.00	0.01	--	12.5	47.4	
Scotts Valley-South (Bella Vista)	1461'	97.9	54.5	50.4	92	17	1.8	13.2	SW	0.00	0.00	0.21	12.7	54.5	
Kelseyville	1347'	96.6	52.8	54.1	93	21	2.3	13.8	SW	0.00	0.01	0.23	12.6	51.4	
Kelseyville Remote	1348'	99.7	53.6	50.2	84	15	--	--	--	0.00	0.00	--	12.7	53.2	
Kelseyville (Clark Drive)	1351'	99.3	52.8	--	--	--	--	--	--	0.00	0.00	--	12.7	51.1	
Kelsey Bench (Oaklea)	1450'	97.3	58.8	51.7	83	17	3.9	13.1	WSW	0.00	0.00	0.24	12.7	59.6	
Kelseyville-South	1372'	97.1	53.0	51.8	94	16	2.3	13.5	NW	0.00	0.01	0.25	12.7	52.8	
Bell Hill-West	1402'	94.9	55.9	51.2	86	17	3.2	12.1	WNW	0.00	0.01	0.23	12.6	55.5	
Wight Way	1469'	99.3	51.0	51.5	96	18	1.9	12.0	NW	0.00	0.00	0.23	12.5	49.5	
Long Valley (Shannon)	1316'	98.1	52.5	51.0	95	14	1.8	11.5	S	0.00	0.04	0.21	12.8	52.2	
High Valley Ridgeline (Brassfield)	2330'	94.9	65.7	51.5	81	17	5.2	17.2	WSW	0.00	0.03	0.27	12.6	73.8	
Ridgeline Top (Brassfield)	2440'	96.0	64.0	--	--	--	--	--	--	--	--	--	12.8	74.5	
Ridgeline Low (Brassfield)	2078'	94.1	61.7	--	--	--	--	--	--	--	--	--	12.8	65.7	
High Valley Winery	1792'	97.8	52.5	49.5	92	14	3.3	15.7	WNW	0.00	0.02	--	12.6	53.3	
Red Hills (Beckstoffer)	1878'	98.4	53.5	50.2	93	17	--	--	--	--	--	--	12.7	51.3	
Winters (Shannon)	1862'	95.4	50.2	48.4	93	17	2.0	14.4	N	0.00	0.01	0.22	12.8	48.6	
Rolling Knolls (Shannon)	1334'	97.4	56.1	51.5	91	16	1.3	10.9	W	0.00	0.08	0.19	12.8	50.4	
Secret Pond (Shannon)	2115'	95.4	56.2	49.7	87	18	2.7	14.4	N	0.00	0.03	0.22	12.8	54.0	
Lower Lake	1668'	96.6	59.6	51.9	83	17	3.4	14.2	W	0.00	0.08	--	12.6	59.9	
Robertsbridge Vineyards	1687'	98.7	53.9	50.6	93	18	--	--	--	--	--	--	12.6	54.3	
Middletown (Diamond D)	1084'	96.8	55.2	55.4	89	22	3.8	17.6	N	0.00	0.03	0.22	12.6	54.6	
Middletown-West (Bella Vista)	1104'	97.4	53.4	53.2	88	21	--	--	--	0.00	0.08	--	12.4	53.7	
Middletown-South	1160'	95.8	56.8	53.6	87	19	2.5	16.0	SSW	0.00	0.09	--	12.5	56.9	
Lower Bohn	1017'	102.1	50.6	54.3	97	20	2.1	14.3	S	0.00	0.01	0.23	12.6	50.6	
Upper Bohn-North	1080'	100.8	61.2	54.1	80	17	2.1	10.5	SSW	0.00	0.00	0.22	12.2	60.5	
Upper Bohn-South	1056'	101.2	63.9	52.1	55	23	2.2	18.2	SE	0.00	0.01	0.20	12.3	60.6	
Morgan Valley	2354'	94.3	70.3	51.2	61	23	5.2	15.6	SW	0.00	0.00	0.27	12.7	76.0	
Cow Mountain	3529'	84.3	69.8	--	--	--	8.4	25.0	WNW	0.00	0.27	--	12.8	74.3	

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

## Daily Biometeorological Summary Tuesday, August 23, 2022

Station:	Elev. ft	Powdery	24hr	7-Day	24hr GDD	2022	
		Mildew Points	Chill Hours	Total ETo		Seasonal GDD*	
<i>Ukiah-SE (Ruddick)</i>	<i>571'</i>	<i>0</i>	<i>0.0</i>	<i>1.62</i>	<i>20.2</i>	<i>2147</i>	<i>RUD</i>
Upper Lake	<b>1345'</b>	10	0.0	--	24.8	2209	
Scotts Valley	<b>1425'</b>	0	0.0	--	22.8	2142	
Scotts Valley-South (Bella Vista)	<b>1461'</b>	0	0.0	1.54	25.5	2345	
Kelseyville	<b>1347'</b>	0	0.0	1.63	23.9	2249	
Kelseyville Remote	<b>1348'</b>	0	0.0	--	26.5	2453	
Kelseyville (Clark Drive)	<b>1351'</b>	0	0.0	--	24.8	2349	
Kelsey Bench (Oaklea)	<b>1450'</b>	0	0.0	1.79	27.1	2510	
Kelseyville-South	<b>1372'</b>	0	0.0	1.84	24.9	2290	
Bell Hill-West	<b>1402'</b>	0	0.0	1.68	25.2	2291	
Wight Way	<b>1469'</b>	0	0.0	1.62	24.6	2283	
Long Valley (Shannon)	<b>1316'</b>	0	0.0	1.46	25.5	2502	
High Valley Ridgeline (Brassfield)	<b>2330'</b>	<b>90</b>	0.0	1.98	29.2	2453	
Ridgeline Top (Brassfield)	<b>2440'</b>	<b>100</b>	0.0	--	30.0	2499	
Ridgeline Low (Brassfield)	<b>2078'</b>	<b>90</b>	0.0	--	28.9	2508	
High Valley Winery	<b>1792'</b>	10	0.0	--	26.1	2408	
Red Hills (Beckstoffer)	<b>1878'</b>	10	0.0	--	27.9	2524	
Winters (Shannon)	<b>1862'</b>	<b>50</b>	0.0	1.54	24.8	2265	
Rolling Knolls (Shannon)	<b>1334'</b>	10	0.0	1.35	26.7	2469	
Secret Pond (Shannon)	<b>2115'</b>	<b>40</b>	0.0	1.58	27.0	2414	
Lower Lake	<b>1668'</b>	10	0.0	--	29.4	2679	
Robertsbridge Vineyards	<b>1687'</b>	0	0.0	--	24.8	2268	
Middletown (Diamond D)	<b>1084'</b>	0	0.0	1.5	27.8	2489	
Middletown-West (Bella Vista)	<b>1104'</b>	0	0.0	--	27.6	2501	
Middletown-South	<b>1160'</b>	0	0.0	--	27.6	2485	
Lower Bohn	<b>1017'</b>	0	0.0	1.67	26.5	2581	
Upper Bohn-North	<b>1080'</b>	0	0.0	--	30.5	2859	
Upper Bohn-South	<b>1056'</b>	0	0.0	--	30.8	2863	

\*(GDD season start date 4/1/22)

Lake County ETo Forecast	7-Day Outlook 8/24 - 8/30		Past Week ( 8/17 - 8/23 ) Summary				
	Normal	Forecast	Daily		7-Day Total	Period Normal	Percent Normal
			Max	Min			
Kelseyville	1.34	1.40	0.29	0.20	1.84	1.44	128%
Middletown	1.42	1.49	0.24	0.16	1.50	1.46	103%
Upper Bohn	1.46	1.53	0.24	0.15	1.51	1.51	100%