



Western Weather Group's Lake County Forecast

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Wednesday February 20, 2019 issued 7:30am

HIGHLIGHTS: Increasing clouds, cooler today with spotty afternoon rain or snow. Chance of evening showers before skies clear. Plenty of valley frost by dawn. Mostly sunny, but cool Thursday with gusty northeast winds. Another hard frost Thursday night. Dry, less windy Friday. Trending wet this weekend and may stay wet early next week.

SHORT TERM SPECIFICS

	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	Partly→Mostly Cldy	47-52	32-42↑	40% pm	Tr -.10	SW→NW 5-15
TONIGHT	(valley) Partly Cloudy (hills)	25-30 30-35	22-27	20% eve	Tr -.10	Var 0-5 NW-N 5-15
Thursday	Mostly Sunny	45-50	20-25	0%	none	N-NE 5-15 G25

Forecast Discussion: A cold, moisture starved disturbance, after working its way across the PacNW last night, will plunge southward across California today before stalling out over SoCal on Thursday. This will leave Lake County increasingly cloudy, noticeably cooler today with spotty, generally light rain (or snow for elevations as low as 2000 feet) spreading southward across the region in the afternoon. Showers may linger into the evening before skies clear. Expect areas of frost forming for all wind sheltered valley locations. North winds are expected to turn gusty Thursday primarily for more exposed higher terrain, making it difficult to reach the 50F mark despite mostly sunny skies. Colder conditions are expected Thursday night as the dryness of the regional air mass promotes strong radiational cooling.

Extended Forecast Discussion: Weak ridging will leave Lake County dry, a lot less windy on Friday before northerly flow curves out a broad trough over the Pacific Northwest and adjacent offshore waters and redirects plumes of moisture showing a varying amount of organization across the North State this weekend. This will return clouds and probably some precipitation to Lake County while temperatures, especially at night, moderate. Westerly flow looks to become better organized across the Eastern Pacific early next week although a ridge emerging near the West Coast will add some uncertainty how far south incoming storm activity will spread precipitation across the North State.

EXTENDED RANGE FORECAST

	Fri 2/22	Sat 2/23	Sun 2/24	Mon 2/25	Tue 2/26	Trend Wed 02/27 - Fri 03/1
Weather	M Sunny	Partly Cldy	Occ'l Rain	Rain	Rain	Max Temps: Near normal
Max T	50-55	47-52	50-55	50-55	52-57	Min Temps: Near normal
Min T	22-32	27-37	32-42	35-45	37-47	Precipitation: chance
POP	0%	30% pm	50%	50%	60%	Wx Pattern: Westerlies break through along West Coast, leaving California warmer, not necessarily dry
Amounts	none	Tr -.10	.25 -.50	.50 -.75	.25 -.75	
Winds	N-NE 5-20	SE-S 5-15	S-SW 5-20	SE-SW 5-20	SE-SW 5-20	

Temperatures across Lake County yesterday...

Avg High: 55°F Range: (50 - 61) Warmest: Upper Bohn South,

Temperatures across the county this morning...

Avg Low: 36°F Range: (33 - 40) Coldest: Ridgeline High (2450')

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

Upper Lake	60/35	72 (2002), 23 (2006)	Middletown	59/36	73 (2012), 24 (2006)
Scotts Valley	59/33	72 (2012), 20 (2006)	Guenoc Valley	61/34	77 (2012), 22 (2006)
Red Hills	57/28	69 (2012), 28 (2006)			

Lake County Campbell Scientific Weather Station Network
Daily Meteorological Summary
Tuesday, February 19, 2019

2/20

	Temperature					Avg DewPt °F	Avg RH %	WIND			Precipitation		Chill Hours		ETo in.	AM MinT °F
	Max °F	time occur	Min °F	time occur	Avg °F			Avg mph	Gust mph	Gust Dir	24hr In.	Season In.	hrs < 45°F ytd	11/1 on		
Upper Lake	56.0	16:06	24.7	6:55	40.0	30.6	74	2.4	18.3	W	0.00	28.95	15.0	1331	--	35.8
Scotts Valley	56.8	15:21	21.9	7:03	38.6	28.3	72	1.8	15.2	W	0.00	24.70	15.9	--	--	34.0
Kelseyville	57.4	16:15	22.9	7:00	39.2	28.7	69	2.6	15.6	NW	0.00	21.27	15.0	1256	0.08	34.9
Kelseyville remote	56.9	15:42	23.9	6:54	40.0	27.3	65	--	--	---	---	---	15.0	--	--	36.0
Kelseyville South	54.6	15:37	24.4	6:47	39.0	29.8	73	---	12.8	W	0.00	26.12	15.9	251	0.08	33.5
Bell Hill West	54.5	15:19	24.5	6:56	39.0	29.0	72	2.4	14.0	SW	0.00	30.06	15.5	1346	0.08	33.7
Wight Way (8989)	56.9	13:22	22.8	6:41	39.8	28.3	69	2.2	11.7	WNW	0.00	32.96	14.7	--	0.09	33.6
High Valley Ridgeline	51.5	15:45	33.9	6:52	40.4	25.8	58	7.2	23.8	W	0.00	23.12	18.4	--	0.04	33.7
Ridgeline High (2450')	51.3	15:30	34.1	7:37	40.4	--	--	--	--	--	--	--	18.6	--	--	32.7
Ridgeline Low (2100')	50.3	15:06	30.1	6:33	39.9	--	--	--	--	--	--	--	17.6	--	--	35.1
High Valley (1790')	54.4	15:32	23.8	7:08	39.4	27.4	66	4.9	22.7	W	0.00	24.38	14.8	--	--	35.9
Red Hills East	54.7	14:16	25.5	7:05	40.8	25.1	56	2.9	17.4	NW	0.00	28.72	15.5	--	--	35.9
Middletown	58.5	14:29	23.9	6:41	--	27.4	64	2.6	17.1	SSW	0.00	42.93	11.7	--	--	38.7
Guenoc Valley	58.5	15:27	23.9	6:56	40.7	27.6	65	1.1	8.8	WSW	0.00	27.39	12.8	--	0.08	40.0
Upper Bohn North	58.6	14:08	31.1	4:40	43.7	26.9	54	2.1	9.9	SW	0.00	24.71	13.1	952	0.09	39.5
Upper Bohn South	60.5	15:30	33.5	4:52	44.2	26.5	50	2.3	10.5	SE	0.00	24.04	13.3	943	0.07	39.6
Pope Valley South	59.9	14:30	27.1	6:58	43.5	29.9	63	3.6	14.1	SW	0.00	25.53	10.6	--	0.27	38.4
<i>Morgan Valley not available</i>																
Ukiah - Ruddick	59.6	14:51	25.6	7:15	40.6	32.2	76	3.5	19.1	N	0.00	27.81	14.6	1160	0.08	33.2
Cow Mountain (3535')	41.5	15:41	29.4	23:59	34.8	--	--	9.1	26.4	W	--	--	--	--	--	28.3

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