



# Western Weather Group's Lake County Forecast

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Tuesday February 20, 2018 issued 7:30am

**HIGHLIGHTS:** An arctic air mass lingers around today keeping unseasonably cold conditions in place. An upper level disturbance slides south along the West Coast keeping cold, frosty conditions in place tonight. A few showers can't be ruled out late Wednesday night and Thursday before the storm pattern potentially becomes more active next week.

## SHORT TERM SPECIFICS

	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
<b>TODAY</b>	Mostly Sunny	48-55	15-25	0%	none	Var 0-10→W-NW 5-15
<b>TONIGHT</b>	(valley) M Clear→P Cloudy (hills)	<b>15-25</b> <b>26-32</b>	15-20	0%	none	Var-N 0-5 NW-NE 3-10
<b>Wednesday</b>	M Sunny→P Cloudy	50-57	15-25	10%	Tr - .05	NE→NW 3-12

**Forecast Discussion:** A weak upper level disturbance will slide south along the West Coast today, reinforcing the arctic air mass that is already in place across much of the state. It will continue to weaken as it approaches California's Central Coast and remains more or less offshore. As a result, look for rather cold and frosty conditions again tonight, though occasional high clouds could keep temperatures a few degrees warmer than last night. A secondary trough of low pressure will begin to sag south out of the Pacific NW on Wednesday, which may enhance cloud coverage to some degree. As it pushes into the North State late Wednesday night or Thursday morning, a few isolated showers can't be ruled out. If the timing is just right and showers do develop, cold air trapped at the surface may allow for some frozen precipitation to develop or mix in with these showers.

**Extended Forecast Discussion:** As a weak trough of low pressure continues to push through the North State on Thursday, an isolated shower or two can't be ruled out, especially in the afternoon. That being said, look for north winds to strengthen on Thursday night. As winds diminish heading into Friday night, temperatures are expected to fall back into the teens and 20s, keeping widespread frost and hard freezes in place overnight. That being said, long range computer models continue to suggest that the storm pattern may become a little wetter and more active heading into next week.

## EXTENDED RANGE OUTLOOK

	Thu 2/22	Fri 2/23	Sat 2/24	Sun 2/25	Mon 2/26	Trend Tue 02/27 - Thu 03/1
<b>Weather</b>	Partly Cldy	M Sunny	M Sunny	M Sunny	Showers	<b>Max Temps:</b> Below normal <b>Min Temps:</b> Below normal <b>Precipitation:</b> Probable <b>Wx Pattern:</b> Computer models in fairly good agreement that another storm series may impact CA around midweek.
<b>Max T</b>	50-57	49-56	53-60	52-59	43-51	
<b>Min T</b>	<b>18-34</b>	<b>15-32</b>	<b>14-29</b>	<b>23-38</b>	<b>29-37</b>	
<b>POP</b>	30%	10% (am)	0%	20% (pm)	40%	
<b>Amounts</b>	Tr - .10	Tr - .05	none	Tr - .10	Tr - .25	
<b>Winds</b>	NE-NW 5-25	NW-N 5-25	SW-NW 5-20	W-NW 5-20	W-NW 5-25	

Temperatures across Lake County yesterday...

Avg High: 48°F Range: (43 - 52) Warmest: Upper Bohn North,

Temperatures across the county this morning...

Avg Low: 19°F Range: (11 - 24) Coldest: Red Hills 1 Lower not available

## 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	59/34	72 (2012), 20 (2006)	Guenoc Valley	61/35	77 (2012), 22 (2006)
Red Hills	56/38	69 (2012), 28 (2006)			

**Lake County Campbell Scientific Weather Station Network**  
**Daily Meteorological Summary**  
**Monday, February 19, 2018**

**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	48.2	1405	27.7	2347	37.1	24.0	63	5.0	25.2	NNW	0.00	11.45	19.6	1308	---	20.6
Scotts Valley	47.2	1452	25.5	2359	36.1	22.7	63	3.7	26.4	WNW	0.00	11.38	19.5	---	---	15.6
Kelseyville	50.3	1422	25.1	740	36.6	21.4	57	6.1	28.9	NW	0.00	7.94	18.5	1285	0.09	17.6
Kelseyville remote	48.5	1512	26.0	735	37.2	--	54	---	---	--	0.00	7.03	---	---	---	18.9
Kelseyville South	48.3	1452	23.5	706	35.6	17.0	53	--	25.2	NW	0.00		19.1	1293	0.10	17.1
<i>Bell Hill West not available</i>																
High Valley Ridgeline	44.9	1250	27.6	548	33.7	22.9	67	8.1	22.5	WSW	0.00	10.06	24.0	---	0.07	26.0
Ridgeline High (2450')	43.1	1212	26.4	650	32.7	---	---	---	---	--	---	---	24.0	---	---	25.4
Ridgeline Low (2100')	44.4	1259	28.9	559	34.7	---	---	---	---	--	---	---	24.0	---	---	25.9
Red Hills 1	43.2	1345	28.4	715	34.7	21.1	57	7.7	19.6	WNW	0.00	9.66	24.0	---	0.08	23.6
Red Hills Lower	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.1
Red Hills 3	47.1	1411	25.3	711	33.5	22.6	64	4.9	13.6	W	0.00	10.67	---	---	0.09	24.0
Middletown	49.3	1222	23.8	2334	--	21.3	54	3.2	17.4	NE	0.00	20.46	18.3	---	---	18.5
Guenoc Valley	49.0	1247	25.1	2359	--	22.5	55	3.2	15.8	NW	0.00	9.33	18.2	---	0.06	18.5
Upper Bohn North	52.3	1305	28.5	443	39.1	22.2	52	3.7	16.0	WNW	0.00	8.05	18.2	814	0.07	23.8
Upper Bohn South	50.6	1256	26.6	444	39.1	22.6	53	3.8	16.7	NW	0.00	8.46	18.2	942	0.07	22.7
<i>Napa Valley Basin not available</i>																
Pope Valley South	53.2	1257	28.7	622	40.0	24.8	56	4.3	17.4	WNW	0.00	8.55	16.3	---	0.09	21.3
Morgan Valley	41.0	1503	27.4	615	33.1	18.1	59	9.8	32.4	WNW	0.00	11.21	---	---	0.06	28.5
Ukiah - Ruddick	53.0	1421	27.8	2333	38.8	26.4	65	6.1	25.1	W	0.00	12.00	17.6	307	0.07	20.6
Cow Mountain	35.8	1500	22.2	644	26.3	---	---	9.9	30.6	W	---	---	---	---	---	21.9

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