



Sonoma County Forecast

phone 530-342-1700

www.westernwx.com/Sonoma ←Webpage

email: forecaster@westernwx.com

Friday February 3, 2012 issued 8:30am

by Forecaster Matt Wanink

This forecast is brought to you by the Sonoma County Winegrape Commission

HIGHLIGHTS: Few clouds around but mild today and over the weekend. Increasing clouds Monday with rain likely on Tuesday. Dry weather the rest of the week.

Short Term Weather Discussion: A highly amplified upper level ridge of high pressure currently extends from California up the West Coast all the way into western Canada, keeping the storm track arching well to our north. Pressure gradients across the region are fairly light and offshore as the upper ridge axis has shifted directly overhead. Highs are expected to reach near 70F again this afternoon with a few clouds around. Another cold frosty night is likely with lows dropping near or below freezing. Another mostly sunny and mild day is expected tomorrow to start off the weekend.

SHORT TERM FORECAST SPECIFICS

		<u>Weather</u>	<u>Max/Min</u>	<u>Dew Pts</u>	<u>Chc of Rain</u>	<u>Amounts</u>	<u>Winds</u>
TODAY	Alexander Valley Area	Prtly/Mstly Sunny	68-73	30-45	0%	none	E-Var 3-12
	Lower Russian River & Green Valleys	↓	↓	↓	↓	↓	↓
	Petaluma/Sonoma/Carneros Areas	↓	↓	↓	↓	↓	↓
TONIGHT	Alexander Valley Area	Mostly Clear	27-33	25-30	0%	none	Var 0-10
	Lower Russian River & Green Valleys	↓	↓	↓	↓	↓	↓
	Petaluma/Sonoma/Carneros Areas	↓	↓	↓	↓	↓	↓
SATURDAY	Alexander Valley Area	Mostly Sunny	67-72	30-45	0%	none	E-Var 3-12
	Lower Russian River & Green Valleys	↓	↓	↓	↓	↓	↓
	Petaluma/Sonoma/Carneros Areas	↓	↓	↓	↓	↓	↓

Extended Forecast Discussion: The pattern is forecast to begin to shift on Monday as a fairly large upper level trough over the Eastern Pacific approaches the West Coast. The initial impact of this trough on Monday will be limited to increasing mid/high clouds in the afternoon. Models remain consistent in showing rain spreading over the county on Tuesday although its vigorous cold front is likely to split as it comes onshore. The strong ridge over California will no doubt take its toll on this system. High pressure is forecast to quickly rebound following this system returning dry conditions to finish off the work week.

EXTENDED RANGE OUTLOOK

	<u>Sun 2/5</u>	<u>Mon 2/6</u>	<u>Tue 2/7</u>	<u>Wed 2/8</u>	<u>Thu 2/9</u>	<u>Trends Fri 02/10 - Sun 02/12</u>	
Weather/Sky	Sunny	M Sunny	Rain	Prtly Cldy	M Sunny	Max Temps:	Near normal
Max Temps	67-72	61-66	56-61	60-65	62-67	Min Temps:	Near normal
Min Temps	27-33	29-35	40-45	40-45	40-45	Precipitation:	Slight Chance
Chc of Rain	0%	10%Late	50%	10%AM	0%	Wx Pattern:	A weak system could push through the West Coast Ridge on Sat.
Amounts	none	Tr - .05	.25 - .75	Tr - .05	none		
Winds	E-Var 3-12	Var-SE 3-12	SW-SE 5-20	NW 5-15	NE 3-12		

REGIONAL CLIMATE SUMMARY

2 February 2012	Precipitation				Daily	Past Week	Today's	
	Max/Min	24hr	Seas, since 7/1	% Normal	ETo	ETo	Normals	Today's Records & Year
Ukiah	68/34	0.00	9.78	42%	--	--	58/38	75 (1954), 21 (1910)
Windsor (103)	71/32	0.00	n/a	--	0.07	0.41	--	--
Sonoma Co Aprt	74/38	0.00	12.38	69%	--	--	60/40	73 (2009), 22 (1923)
Santa Rosa (083)	69/32	0.00	11.23	--	0.07	0.41	--	--
Bennett Valley (158)	71/31	0.00	9.13	--	0.07	0.37	--	--
Petaluma E (144)	68/36	0.00	7.83	--	0.07	0.40	--	--
Carneros (109)	65/35	0.01	6.64	--	0.07	0.42	--	--

Sonoma County Campbell Scientific Weather Station Network

Daily Meteorological Summary

Thursday, February 2, 2012

Station:	Temperature					Avg DewPt °F	Avg RH %	WIND			Precipitation		Solar Rad cal/cm ²	ETo in.	3-Feb-12	
	Max	time	Min	time	Avg			Avg	Avg	Gust	Gust	24hr			Season	This Morning's Min Temp °F (7am)
	°F	occur	°F	occur	°F			°F	mph	mph	Dir	In.			In.	
Geyserville-West	70.8	1408	34.1	707	47.6	-----	79	1.2	10.5	----	0.00	12.82	298	0.07	30.1	
Geyserville	69.0	1542	37.4	2314	49.4	40.3	74	4.3	18.4	NW	0.00	11.99	249	0.07	29.4	
Alexander Valley	74.3	1654	32.1	724	48.4	37.9	73	1.9	11.2	NW	0.00	11.97	282	0.06	29.2	
Lytton	72.2	1558	33.1	718	48.7	38.5	73	2.4	15.8	N	0.00	12.62	300	0.08	29.0	
Forestville	71.7	1635	37.5	723	51.2	43.2	79	1.9	7.5	NW	0.00	15.21	318	0.07	34.7	
Sebastopol	70.4	1535	37.7	718	50.4	42.6	78	2.6	9.2	NW	0.00	13.18	-----	-----	33.6	
Graton-South	69.7	1534	33.3	731	48.4	41.5	80	1.5	11.0	WSW	0.00	13.87	-----	-----	32.1	
Sonoma-SW	68.7	1339	34.4	2231	48.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	30.7	
Sonoma-West	67.8	1250	37.9	608	50.0	39.3	69	3.1	13.5	SE	0.00	10.64	294	0.07	34.3	