



Lodi Wine Country Forecast

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Wednesday, February 22, 2012 at 7:00am

by Forecaster Marc Walsh

This forecast is brought to you as a service by the Lodi Winegrape Commission

HIGHLIGHTS: Mostly sunny & unseasonably **warm** today & tomorrow. **Breezy** & mild tonight. **Windy** tomorrow (NW winds gusting to 30 mph). **Much cooler** this weekend, **breezy** at times, some clouds but rain unlikely.

Short Term Weather Discussion: Strong high pressure remains anchored over the EPAC with high cloudiness continuing to drop down its eastern flank & southward over NorCal. It does appear these high clouds will finally thin out this morning. With mostly sunny skies this afternoon, warm air aloft, and some north wind for compressional heating, we should see high temperatures pushing into the low/mid 70s. A surface high building over the Pacific Northwest behind a system riding over EPAC ridge today and then down over the Rockies tomorrow, promises to strengthen the north winds down the valley overnight into tomorrow morning. North winds should peak late tomorrow morning with local gusts (west side) to 30 mph possible. Models suggest some cool air advection with these north winds, but compressional heating effects may offset that cooling and most valley locations should still end up topping 70F again tomorrow after an unseasonably mild night (w/breeziest locations seeing lows in the middle 50s). North winds tomorrow will lower dew points into 30s setting the stage for a cooler night tomorrow night when the north winds should die off abruptly.

FORECAST SPECIFICS

		<u>Weather</u>	<u>Temps</u>	<u>Dew Pts</u>	<u>POPs</u>	<u>Amounts</u>	<u>Winds</u>
TODAY	(am)	Pt Cldy→M Sunny	68-74	38-45	0%	none	Var-N 0-5→NW 3-10
	(pm)	Sunny					NW-N 5-15 G20
TONIGHT	(eve)	Clear	45-55	35-40	0%	none	NW 5-15
	(late)						NW 10-15 G20
THURSDAY		Sunny	68-74	30-40	0%	none	NW 10-20 G30

Extended Forecast Discussion: Drier air, clear skies & nearly calm conditions by Friday AM will result in strong radiational cooling & colder lows (although no frost is expected - lows should be mainly upper 30s w/some middle 30s). A trough (stronger in recent models runs) will move over the Pac NW Fri PM weakening high pressure over CA & reversing valley winds to southerly. The tail end of a cold front will move over NorCal late Fri night/Sat AM bringing a chance of light rain to the Northern Sacramento Valley & snow showers in the Sierra, but little threat of precip to the Lodi Area. The main impact of this front will be the cooling it brings this weekend. An "inside slider" trough will follow on Sunday bringing additional cooling. Do foresee a risk of isolated light frost early next week. Models are really inconsistent in the extended period (reason have held off on Special Weather Statement regarding possible rain the first week of March) although some rain does appear likely next week or by the weekend of the 3rd/4th..

EXTENDED RANGE OUTLOOK

	<u>Fri 2/24</u>	<u>Sat 2/25</u>	<u>Sun 2/26</u>	<u>Mon 2/27</u>	<u>Tue 2/28</u>	<u>Trends Wed 02/29 - Fri 03/2</u>		
Weather	M Sunny	Partly Cldy	Partly Cldy	Partly Cldy	Partly Cldy	Max Temps:	Near to below normal	
Max T	68-72	62-67	59-62	60-63	60-64	Min Temps:	Near to below normal	
Min T	35-40	38-43	31-39	30-38	30-38	Precipitation:	Good chance	
POP	0%	10%(pm)	10%	0%	0%	Wx Pattern:	EPAC ridge weakens. Models vary on timing & strength of trough passage	
Amounts	none	Tr - .05	Tr - .05	none	none			
Winds	SE-SW 0-10	W-NW 10-20	NW 5-20	NW 5-20	NE-SE 0-10			

REGIONAL AIRPORT CLIMATE SUMMARY

21 February 2012

	Max/Min	Recent Rainfall		Seasonal Rainfall			ETo		
		24hr	7day	2011-12 to date	2010-11 to date	normal to date	Daily	Past week	since 1/1
Sacramento	69/38	0.00	0.02	5.33	12.98	12.90	0.08	0.57	29.10
Stockton	65/38	0.00	0.00	3.61	10.12	9.72	0.09	0.65	32.22

Daily normals & extremes - Sacramento 62/42, 75 (1985), 30 (1975); Stockton 63/41, 74 (1985), 28 (1951)

*Airport rainfall totals are from 4pm PST to 4pm PST (5pm PDT to 5pm PDT)

**Lodi Area Campbell Scientific Weather Station Network
Daily Meteorological Summary
Tuesday, February 21, 2012**

Station:	Temperature				Avg Temp	Avg DewPt	RH avg	WIND			Precip			
	Max	time	Min	time				Avg	Gust	Gust	24hr	since	Solar	ETo
	°F	occur	°F	occur	°F	°F	%	mph	mph	Dir	Precip in.	7/1 in.	Rad cal/cm ²	
Clarksburg	69.4	1614	35.3	530	50.7	40.8	71.8	1.3	9.6	N	0.00	4.91	332	0.08
Elk Grove (Circle K)	66.5	1620	37.3	706	50.5	42.5	76.1	1.9	9.3	N	0.00	5.36	328	0.07
Thornton	66.3	1532	35.8	657	50.3	42.1	75.6	0.9	13.8	NNW	0.00	5.11	351	0.09
Woodbridge	64.9	1532	35.2	641	49.7	43.2	80.3	1.7	12.1	N	0.00	n/a	335	0.08
Lodi	63.7	1521	34.6	652	48.7	41.5	78.4	1.6	9.6	NNW	0.00	5.94	332	0.07
Acampo	65.5	1533	35.0	555	49.5	43.1	81.0	1.4	12.1	NW	0.00	6.02	347	0.07
Sheldon	66.7	1459	35.7	702	49.6	42.3	78.9	0.2	12.0	NW	0.00	6.26	332	0.08
Sloughhouse*	65.4	1539	32.1	705	47.1	41.0	82.0	0.7	10.5	SW	n/a	n/a	265	0.06
Rancho Seco	62.9	1554	35.6	503	48.1	41.4	79.8	1.3	8.6	ESE	0.00	n/a	357	0.08
Clay Station	65.2	1550	35.7	653	48.5	42.1	80.5	2.0	10.0	NNE	0.00	5.70	305	0.06
Galt-East	63.4	1528	33.8	618	47.0	41.0	81.6	1.6	9.8	WNW	0.00	5.47	327	0.07
Lockeford	63.5	1557	34.4	621	48.1	---	82.0	1.7	9.8	ENE	0.00	---	348	0.07
Live Oak	64.2	1516	36.1	723	49.9	42.0	77.2	1.8	11.3	NNE	0.00	3.11	313	0.07
Linden	63.4	1556	36.0	652	48.8	41.2	77.0	0.6	7.1	NNW	0.00	5.30	-----	-----
Peters	66.5	1505	35.8	601	49.4	41.7	77.7	1.9	8.8	NW	0.00	4.99	318	0.07
Farmington	65.9	1508	36.6	617	50.0	---	77.0	2.5	10.6	NNW	0.00	---	344	0.08
Escalon**	65.5	1518	36.1	700	49.7	---	73.9	0.8	7.4	NW	0.00	---	334	0.07
Regional Averages	65.2		35.4		49.1	41.8	78.3	1.4	10.1			5.29	329	0.07

*Sloughhouse solar/Eto low due to nearby trees, ** in orchard, the rest are in vineyards

**Lodi Area Campbell Scientific Weather Station Network
Daily Biometeorological Summary
Tuesday, February 21, 2012**

Station:	Continuous hours		Powdery Mildew	GDDs T>50°F	Leaf Wetness minutes	Chill Hours T<45°F	Min battery volts
	70-85°F	T>95°F	Stress* category (pts)				
Clarksburg	0.0	0.0	n/a	5.1	-----	8.5	12.0
Elk Grove (Circle K)	0.0	0.0	n/a	4.3	-----	8.5	13.1
Thornton	0.0	0.0	n/a	4.2	-----	8.8	11.9
Woodbridge	0.0	0.0	n/a	4.0	5.0	8.7	9.5
Lodi	0.0	0.0	n/a	3.4	8.4	8.9	12.6
Acampo	0.0	0.0	n/a	3.9	----	8.9	13.0
Sheldon	0.0	0.0	n/a	4.0	----	9.1	12.5
Sloughhouse	0.0	0.0	n/a	3.1	-----	10.6	12.6
Rancho Seco	0.0	0.0	n/a	0.0	-----	8.8	12.2
Clay Station	0.0	0.0	n/a	3.1	9.6	9.0	11.9
Galt-East	0.0	0.0	n/a	2.8	-----	9.2	12.4
Lockeford	0.0	0.0	n/a	3.3	8.5	9.3	12.5
Live Oak	0.0	0.0	n/a	3.8	4.8	9.0	12.6
Linden	0.0	0.0	n/a	3.3	8.0	9.3	12.2
Peters	0.0	0.0	n/a	3.7	7.2	8.9	12.6
Farmington	0.0	0.0	n/a	4.0	-----	9.0	12.4
Escalon	0.0	0.0	n/a	3.7	8.3	8.6	12.7

* season over