



Western Weather Group's Lodi Wine Country Forecast



This forecast is brought to you by the Lodi Winegrape Commission

WWG weather stations can provide valuable data to help mitigate crop damage

Issued: Friday, September 29, 2023 at 6:26 AM

HIGHLIGHTS: Cooling likely today and tomorrow as deep low pressure system drops into Northern California. Breezy onshore flow and rainfall possible; northerly winds return as low departs region. Much warmer by middle of next week.

Forecast Specifics	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
Today	Increasing Clouds	77-85	45-55	10% (Late)	Tr - .05	W-SW 5-15 G30
Tonight	Cloudy/Showers	49-57	48-55	40%	Tr - .10	SW 5-15
Saturday	Cloudy/Showers	68-76	43-53	40%	Tr - .20	W-SW 5-15

Forecast Discussion: Cloud cover is expected to begin increasing today as a deep low pressure center drops southward from the Pacific Northwest. The low will then park over Northern California by tonight and will likely remain mostly stationary through the weekend. Light showers will be possible as early as the late afternoon today, with better chances both overnight and tomorrow morning, mostly for the east side of the valley. Breezy onshore winds will likely precede the rainfall today, with gusts up to 30 mph possible. Shower activity is then expected to taper off by tomorrow evening, with dry weather returning by midday Sunday to all areas. Cooler weather is likely to accompany the unsettled weather; daytime highs are expected to remain under 80 degrees tomorrow afternoon.

Extended Forecast Discussion: The low will begin to depart the region early next week, allowing high pressure to build over the Eastern Pacific and then center over the Western US. As this occurs, warming is likely, with temperatures expected to rapidly return to near seasonal average and then a few degrees above average by midweek next week. The warmest locations will likely reach the mid 90s and maybe even threaten the upper 90s, but there is much uncertainty with the exact strength of the ridge; in any case, the high pressure is expected to keep any low pressure systems from bringing direct impacts to California through the end of next week.

Meteorologist, Alexander Mellerski

Extended Forecast	Sun 10/1	Mon 10/2	Tue 10/3	Wed 10/4	Thu 10/5	Fri 10/6 - Sun 10/8
Weather/Sky	Partly Cldy	M Sunny	M Sunny	M Sunny	M Sunny	Max Temps Near to above normal
Max Temps	73-81	78-86	82-90	84-92	87-95	Min Temps Near normal
Min Temps	45-53	43-51	46-54	49-57	51-59	Precipitation Unlikely
POP	10% (AM)	0%	0%	0%	0%	Wx Ridge of high pressure over Western US
Amounts	Tr - .05	none	none	none	none	Pattern likely maintains dry and warm weather.
Winds	NW 3-15	W-NW 3-15	NW 3-12	N-NE 3-12	NE-NW 3-12	

Climate Summary	Temperature		Precipitation			Normal Temp		Record Temperatures	
	Max	Min	24hr	Season	% of	Max	Min	Max & Year	Min & Year
September 28, 2023	Max	Min	In.	→7/1	normal	°F	°F	°F	°F
Station: NWS - Subject to Error	°F	°F							
Sacramento	85	53	0.00	0.02	17%	86	55	102 2010	45 1986
Stockton	87	52	0.00	0.00	0%	87	55	102 2010	45 1986

Powdery Mildew Stress Outlook: Widespread stress increases are likely as temperatures cool to a few degrees below average.

Lodi Weather Station Network Daily Meteorological Summary Thursday, September 28, 2023

Station:	Temperature					Wind			Precipitation		ETo	Min Battery Volts	Sep 29 MinT °F	Lodi AVAs
	Max °F	Min °F	Avg DewPt °F	Max RH %	Min RH %	Avg mph	Gust mph	Gust Dir	24hr In.	Season 7/1→				
Colony 1	85.9	49.9	49.8	95	22	2.0	15.6	NNW	0.00	0.03	0.16	12.6	50.4	Alta Mesa
Colony 2	86.1	49.0	50.6	93	24	2.0	11.2	NNW	0.00	0.00	0.15	12.6	50.6	
Gill Ranch	83.9	47.7	48.5	95	21	3.6	16.0	NNW	0.00	0.06	0.18	12.6	50.9	Borden Ranch
Borden40	83.7	47.5	48.9	94	22	2.5	16.1	NW	0.00	0.03	0.16	12.6	49.0	
5 Wells	84.3	47.7	48.4	92	20	2.9	15.0	WNW	0.00	0.06	0.12	12.4	49.0	
Simmerhorn	83.4	48.2	51.1	100	25	--	--	--	--	--	12.4	49.5		
Alta Mesa Rd	83.9	49.6	48.9	93	23	2.9	14.8	NNW	0.00	0.02	0.16	12.7	51.3	
Galt-East	84.1	48.6	50.7	94	23	2.3	13.8	NW	0.00	0.16	0.15	11.8	52.0	
Borden Hills	85.2	51.0	50.8	93	24	3.6	13.9	NW	0.00	0.07	0.17	12.5	52.2	
Sierra Loma-L27	86.6	50.9	50.2	92	22	3.0	19.6	--	0.00	0.12	--	12.5	51.5	
Lockeford	84.9	46.8	49.9	91	25	2.1	14.8	WNW	0.00	0.17	0.15	12.0	50.3	Clements Hills
Lone Oak-L28	85.1	46.2	51.4	96	26	2.6	15.5	NW	0.00	0.10	--	11.8	48.6	
Kost Rd	84.2	46.7	52.1	99	28	2.0	13.3	N	0.00	0.09	0.13	12.3	49.7	Jahant
Thornton	83.8	47.4	48.9	84	25	3.1	16.5	N	0.00	0.08	0.18	12.3	49.0	
Lodi (LangeTwins)	85.9	48.7	51.6	97	28	1.9	13.2	NE	0.00	0.06	0.15	12.2	51.0	
Gilbeau Ranch	85.3	49.0	48.2	92	20	1.8	12.7	NNW	0.00	0.02	0.13	12.2	49.2	
Galt West	85.0	47.7	50.7	95	27	2.7	16.4	NNW	0.00	0.09	0.16	12.5	51.6	Cosumnes River
Valley Oak	84.9	47.3	--	--	--	2.5	12.6	NW	0.00	0.14	0.16	11.9	48.2	
Guard Rd (Lodi WSW)	86.0	46.2	51.6	97	28	3.0	13.4	N	0.00	0.00	0.15	11.8	48.5	Lodi (CD11)
Linden	85.6	45.6	50.2	98	23	1.6	12.6	NW	0.00	0.14	--	12.6	46.7	
DeVries Road-North	86.0	49.5	51.8	93	28	2.1	13.8	WNW	0.00	0.07	0.15	12.5	49.9	Mokelumne River
Acampo	83.3	48.0	49.2	100	21	2.4	13.8	WNW	0.00	0.17	0.16	13.3	49.3	
Acampo (Woodbridge)	83.1	49.6	50.8	98	24	3.9	15.9	NW	0.00	0.07	0.16	12.1	51.6	
Lodi West	83.9	49.2	48.1	95	22	3.1	16.2	NNW	0.00	0.00	0.16	12.1	50.5	
Teresi-Alpine Rd (East Lo	84.0	49.2	49.5	95	22	3.1	17.1	NNW	0.00	0.04	--	12.6	49.5	
Victor - N (Katusha)	83.8	46.9	48.2	94	23	2.0	15.2	NW	0.00	0.08	--	12.7	47.5	
Live Oak	85.0	47.7	50.6	100	24	2.4	14.0	N	0.00	0.02	0.16	12.6	48.6	
Sheldon	85.7	47.3	48.6	94	22	2.3	13.8	NNW	0.00	0.00	0.15	12.6	48.4	Sloughhouse
Sloughhouse	85.5	45.0	48.8	100	20	2.1	12.5	NW	0.00	0.02	0.15	12.3	45.0	
Utter - Wilson	88.5	49.3	51.6	97	25	3.8	16.7	NNW	0.00	0.05	0.17	12.6	55.1	Outside CD11 (West)
Clarksburg	87.5	51.2	47.9	97	19	3.2	17.1	N	0.00	0.02	0.17	12.4	52.9	
Clarksburg-3A2	85.8	49.2	48.6	97	20	6.8	22.9	N	0.00	0.02	0.20	12.6	54.4	
Gorter - Wilson	85.7	45.0	51.4	99	28	3.0	15.1	NNW	0.00	0.03	0.14	12.5	47.1	
Hood	84.8	47.0	50.0	99	24	3.0	14.2	NNW	0.00	0.03	0.16	12.4	50.0	
Courtland-C3	84.6	47.8	50.0	98	26	3.9	17.6	S	0.00	0.12	--	12.5	52.0	
Pacific Fruit	86.8	49.4	52.6	95	29	3.2	14.4	N	0.00	0.14	0.15	12.4	51.0	
Ryer Island South	86.4	57.2	50.3	84	23	4.6	14.0	NNW	0.00	0.04	0.17	12.1	62.0	
Collegeville	84.4	48.8	51.1	97	24	1.3	16.1	NE	0.00	0.00	0.14	12.4	49.2	Outside CD11 (South)
Escalon	85.0	51.9	52.1	94	26	2.0	11.9	N	0.00	0.01	--	12.4	50.3	
Claussen	86.4	50.8	52.5	95	30	3.7	15.5	N	0.00	0.00	0.17	12.3	52.6	

<p>Lodi Area Heat Stress Forecast 9/29/2023</p> <p>Time period when temperature criteria met</p>	<p>Delta</p> <p>10am-12pm 12-2pm 2-4pm</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>80°F</td> <td>---</td> <td>---</td> <td>x</td> </tr> <tr> <td>85°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>90°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>95°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> </table>	80°F	---	---	x	85°F	---	---	---	90°F	---	---	---	95°F	---	---	---	<p>Northern Interior</p> <p>10am-12pm 12-2pm 2-4pm</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>80°F</td> <td>---</td> <td>x</td> <td>x</td> </tr> <tr> <td>85°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>90°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>95°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> </table>	80°F	---	x	x	85°F	---	---	---	90°F	---	---	---	95°F	---	---	---	<p>Southern Interior</p> <p>10am-12pm 12-2pm 2-4pm</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td>80°F</td> <td>---</td> <td>x</td> <td>x</td> </tr> <tr> <td>85°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>90°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>95°F</td> <td>---</td> <td>---</td> <td>---</td> </tr> </table>	80°F	---	x	x	85°F	---	---	---	90°F	---	---	---	95°F	---	---	---
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Daily Biometeorological Summary

Thursday, September 28, 2023

Station:	Powdery	24hr	7-Day	24hr	2023	Lodi AVAs
	Mildew Points	Chill Hours	Total ETo		Season GDD*	
Colony 1	100	0.0	1.05	15.8	3337	Alta Mesa
Colony 2	100	0.0	1.05	15.8	3328	
Gill Ranch	100	0.0	1.16	15.5	3378	Borden Ranch
Borden40	100	0.0	1.09	14.4	3265	
5 Wells	100	0.0	0.77	14.6	3305	
Simmerhorn	100	0.0	--	14.8	3299	
Alta Mesa Rd	100	0.0	1.06	15.8	3397	
Galt-East	100	0.0	0.99	15.4	3356	
Borden Hills	100	0.0	1.11	16.5	3515	
Sierra Loma-L27	90	0.0	--	17.1	3482	Clements Hills
Lockeford	100	0.0	--	15.4	3254	
Lone Oak-L28	100	0.0	--	13.4	3140	Jahant
Kost Rd	100	0.0	0.85	14.8	3160	
Thornton	100	0.0	1.18	15.8	3231	
Lodi (LangeTwins)	100	0.0	0.98	15.8	3310	
Gilbeau Ranch	100	0.0	0.86	15.6	3298	Cosumnes River
Galt West	100	0.0	1.01	15.8	3238	
Valley Oak	100	0.0	1.04	16.1	3163	Lodi (CD11)
Guard Rd (Lodi WSW)	100	0.0	1.01	15.6	3084	
Linden	100	0.0	--	14.4	3287	Mokelumne River
DeVries Road-North	100	0.0	1.02	15.8	3299	
Acampo	100	0.0	1.05	15.7	3297	
Acampo (Woodbridge)	100	0.0	1.07	16.1	3312	
Lodi West	100	0.0	1.05	16.6	3366	
Teresi-Alpine Rd (East Lo	100	0.0	--	15.9	3503	
Victor - N (Katusha)	100	0.0	--	15.5	3291	
Live Oak	100	0.0	1.04	15.7	3349	Sloughhouse
Sheldon	100	0.0	1.00	15.1	3300	
Sloughhouse	100	0.0	0.98	14.0	3260	Outside CD11 (West)
Utter - Wilson	80	0.0	1.09	17.4	3342	
Clarksburg	80	0.0	1.14	18.0	3376	
Clarksburg-3A2	100	0.0	1.24	17.8	3244	
Gorter - Wilson	80	0.0	0.93	16.3	3238	
Hood	100	0.0	1.04	16.8	3128	
Courtland-C3	100	0.0	--	16.6	3178	
Pacific Fruit	90	0.0	1.03	18.1	3256	
Ryer Island South	90	0.0	1.10	20.8	3413	Outside CD11 (South)
Collegeville	100	0.0	0.93	14.7	3340	
Escalon	100	0.0	--	16.7	3562	
Claussen	90	0.0	1.11	18.7	3597	

*(GDD season start date 3/15)

Lodi Area ETO Forecast	7-Day Outlook 9/29 - 10/5		Past Week (9/22 - 9/28) Summary				
	Normal	Forecast	Daily		7-Day Total	Period Normal	Percent Normal
			Max	Min			
Staten Island	1.07	1.07	0.19	0.16	1.18	1.28	92%
Holt	1.07	1.07	0.18	0.15	1.14	1.28	89%
Manteca	0.96	1.01	0.17	0.15	1.09	1.05	104%
Ripon	0.96	1.01	0.17	0.14	1.05	1.05	100%