



Western Weather Group's Lodi Wine Country Forecast

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This forecast is brought to you by the Lodi Winegrape Commission

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

Thursday October 18, 2018 issued 6:30am

HIGHLIGHTS: Sunny, seasonably warm today despite a light Delta breeze. Warmer Friday and Saturday before the westerlies usher in a period of cooler, more cloudy but unlikely wet weather to the Lodi area next week.

FORECAST SPECIFICS

	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	Sunny	80-85	35-45	0%	none	Var 0-5→W-Var 0-10
TONIGHT	Clear	37-42	35-40	0%	none	Var 0-5
Friday	Sunny	82-86	32-37	0%	none	Var 0-5→NW-Var 5-10

Forecast Discussion: Further erosion of the West Coast ridge has led to the overnight expansion of the marine layer hugging the North and Central Coasts while also cooling off the air mass across the Lodi area aloft some. This should leave most Lodi area locations a little cooler today despite abundant sunshine as a light Delta breeze stays active much of the day. The overnight inland migration of an intensifying ridge of high pressure and its temporary settling across the Pacific Northwest should leave the Lodi area noticeably warmer on Friday as the reestablishment of offshore flow returns north winds to the region. These north winds, although not very strong, will provide the necessary mixing for temperatures to climb further into the 80s tomorrow.

Extended Forecast Discussion: This Pacific Northwest ridge will lose intensity Saturday and further erode Sunday but the westerlies are not expected to make significant progress toward the West Coast until early next week. Thus dry, largely sunny weather will continue over the weekend while temperatures decline toward more seasonable readings. More significant cooling, bouts of cloudiness along with minor chances for precipitation will come to the Lodi area next week. Models suggest a couple weather systems will clip the North State on their way inland. An initial disturbance arrives on Tuesday and a second about 36-48 hours later. As currently presented, neither appear will be a significant producer of precipitation even more valley locations north of the Lodi area although they will bring decent cooling to the region. An emerging ridge will return dry, much warmer weather to the North & Central State interior by the end of next week.

EXTENDED RANGE OUTLOOK

	Sat 10/20	Sun 10/21	Mon 10/22	Tue 10/23	Wed 10/24	Trend Thu 10/25 - Sat 10/27
Weather	Sunny	Sunny	M Sunny	Partly Cldy	Partly Cldy	Max Temps: Near normal
Max T	80-85	77-82	75-80	72-77	72-77	Min Temps: Near normal
Min T	40-45	42-47	42-47	47-52	50-55	Precipitation: chance
POP	0%	0%	0%	10%	10%	Wx Pattern: One more weather system clips
Amounts	none	none	none	Tr -.10	Tr -.10	NorCal before emerging ridge warms
Winds	N→W 5-10	SW-W 5-10	SW-W 5-15	SW-W 5-15	SW-W 5-15	& dries out North State

REGIONAL AIRPORT CLIMATE SUMMARY

	Max/Min	Seasonal Rainfall					ETo		
		Recent Rainfall		2018-19	2017-18	normal	Daily	Past week	since 1/1
		24hr	7day	to date	to date	to date			
Sacramento	81/43	0.00	0.00	0.04	0.00	0.73	0.12	1.01	--
Stockton	82/45	0.00	0.00	1.28	0.01	0.64	0.12	0.95	--

Daily normals & extremes - Sacramento 77/50, 93 (1991), 40 (1971); Stockton 77/49, 92 (1961), 40 (1998)

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

Forecasting & Instrumentation

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Lodi Area Daily Meteorological Summary by AVA
Wednesday, October 17, 2018

Station:	Temperature				Avg Temp °F	Avg DewPt °F	RH %	WIND			Precip 24hr in.	Precip since 7/1 in.	Solar Rad cal/cm ⁺	ETo in.	18-Oct-18 Today's Min Temp °F (6am)
	Max °F	time occur	Min °F	time occur				Avg mph	Gust mph	Dir					
Alta Mesa-Lodi															
Colony Road North	82.0	16:19	39.9	6:46	59.2	35.7	50.3	0.7	6.4	--	0.00	0.60	402	0.11	42.8
Colony Road South	82.5	16:13	40.1	7:00	58.7	38.1	55.5	1.0	5.8	--	0.00	1.15	403	0.12	43.5
Borden Ranch-Lodi															
Clay Station	81.8	15:47	41.9	6:16	60.7	32.4	39.8	2.0	8.1	NW	0.00	0.43	413	0.13	47.6
Alabama Rd (Five Wells)	83.7	15:40	41.6	6:53	60.9	35.8	46.0	1.8	7.8	W	0.00	0.50	429	0.13	43.9
Simmerhorn	82.5	15:49	38.8	7:35	59.6	34.6	45.7	--	--	--	--	--	--	--	40.5
Galt East	81.7	15:59	39.1	7:16	58.6	38.3	55.4	1.4	8.3	SW	0.00	1.23	401	0.12	41.9
Borden Hills	84.7	16:02	43.2	7:15	62.9	36.5	41.5	2.8	8.3	W	0.00	0.01	391	0.12	45.3
Sierra Loma	84.8	16:04	41.7	6:47	62.5	35.8	41.3	1.6	9.2	SSW	0.00	0.25	--	--	45.3
Clements Hills-Lodi															
Lockeford	80.9	16:11	40.5	6:27	58.1	-9.3	31.3	1.0	7.1	N	0.00	1.41	389	0.10	42.5
Lone Oak	83.4	15:24	37.1	7:12	56.1	39.6	63.6	1.5	6.8	SW	0.00	0.79	0	0.02	39.3
Jahant-Lodi															
Kost Road-South	83.0	16:14	39.8	7:07	58.9	38.3	51.7	1.3	7.2	WSW	0.00	0.08	347	0.10	41.2
Thornton	81.5	16:00	38.5	6:58	57.5	37.0	52.8	0.7	8.8	SSW	0.00	0.13	351	0.10	40.5
Lodi	81.9	15:50	40.8	6:45	58.7	38.6	54.5	0.9	7.4	WSW	0.00	0.45	395	0.11	42.6
Gilbeau Ranch	82.6	16:57	39.2	7:38	58.5	37.1	53.8	1.1	8.6	SW	0.00	0.38	391	0.11	42.4
Consumnes River-Lodi															
Galt West	82.5	16:17	37.1	6:54	58.0	39.5	57.1	1.3	8.1	WSW	0.00	0.02	378	0.11	40.9
Valley Oak	83.0	15:03	37.6	7:31	57.5	36.6	55.0	0.9	8.8	W	0.00	0.04	403	0.11	39.9
Lodi-CD11															
Lodi SW - Guard Rd	82.7	17:10	41.4	7:03	59.9	40.2	54.4	0.8	6.6	SSW	0.00	0.15	404	0.11	39.2
Linden	82.0	16:06	37.6	6:37	56.2	40.2	64.7	0.3	5.6	S	0.00	---	--	--	41.6
Mokelumne River-Lodi															
DeVries Road-North	82.8	15:35	38.1	6:43	58.3	39.2	55.6	1.1	7.0	WSW	0.00	0.23	362	0.10	40.8
Acampo	81.9	15:55	39.2	7:02	58.1	41.0	62.6	0.3	7.4	WSW	0.00	0.90	408	0.11	41.4
Lodi West	82.7	15:28	41.4	6:50	59.9	40.2	54.4	0.8	6.6	SSW	0.00	0.15	404	0.11	44.1
Acampo East	82.9	16:23	39.1	6:38	58.3	38.4	56.8	0.5	6.1	N	0.00	0.82	373	0.10	42.1
Victor North	82.3	14:54	40.5	7:18	58.6	40.2	59.5	0.3	7.8	SSW	0.00	1.90	--	--	43.3
Sloughhouse-Lodi															
<i>Sheldon not availab n/a</i>															
Sloughhouse	82.3	16:28	37.1	7:32	55.7	36.7	60.7	0.4	8.8	WSW	0.00	0.67	173	0.06	39.1
Outside CD11 (West)															
Freeport West	86.3	16:52	38.3	6:49	58.3	41.1	61.9	1.4	8.0	W	0.00	0.00	358	0.11	42.5
Clarksburg+	83.3	14:59	38.8	7:29	59.8	39.1	53.0	1.3	7.8	SSW	0.00	0.01	406	0.11	--
Clarksburg SW	83.1	16:16	35.4	5:58	57.2	39.1	59.3	0.7	5.8	N	0.00	0.00	416	0.12	40.6
Clarksburg SE	83.5	15:25	34.4	7:21	55.3	40.1	66.3	1.0	6.7	E	0.00	0.01	384	0.11	37.7
Hood	85.0	17:48	34.3	7:25	56.4	40.3	63.7	1.1	6.2	WNW	0.00	0.01	383	0.11	--
Elk Grove (Circle K)	80.2	15:33	37.4	6:54	57.6	36.1	51.3	1.1	6.0	E	0.00	0.00	401	0.11	43.9
Courtland	83.1	15:27	36.8	7:09	58.7	39.1	53.9	1.4	6.6	E	0.00	0.00	--	--	40.6
Walnut Grove North	84.7	15:22	40.0	6:53	59.4	41.6	58.3	1.3	6.1	NNE	0.00	0.03	364	0.10	41.4
Ryer Island South	83.1	15:36	36.3	5:43	59.1	40.9	57.6	1.5	7.8	W	0.00	0.00	398	0.11	38.5
Outside CD11 (South)															
Collegeville	80.6	16:09	41.0	7:18	58.5	38.2	52.9	1.6	9.3	SW	0.00	0.71	434	0.12	43.2
Escalon	84.0	15:49	40.4	7:07	58.8	41.9	62.7	0.6	5.4	S	0.00	0.03	--	--	42.9
Lathrop West	85.6	16:32	39.3	6:46	59.1	42.7	61.9	1.0	6.1	WNW	0.00	0.19	404	0.11	43.5

* Blocked by trees
** Not in a vineyard

Lodi Area Daily Biometeorological Summary by AVA

Wednesday, October 17, 2018

Station:	Continuous hours		Powdery Mildew Stress* category (pts)	Leaf Wetness hours	Growing Degree Days (T>50°F)**			Min battery volts	
	70-85°F	T>95°F			yest.	Accumulations to date, begin 4/1 season**	normal		max (yr)***
Alta Mesa-Lodi									
Colony Road North	7.3	0.0	severe(100)		10.8	3330	3509	3666 (2017)	12.8
Colony Road South	7.4	0.0	severe(100)		10.9	3487	3661	3832 (2017)	12.5
Borden Ranch-Lodi									
Clay Station	4.4	0.0	severe(90)		11.8	3497	3578	3876 (2014)	11.9
Simmerhorn	7.3	0.0	severe(100)		11.3	3515	3688	3881 (2014)	12.4
Galt East	7.3	0.0	severe(100)		10.8	3488	3663	3968 (2014)	12.2
Borden Hills	7.9	0.0	severe(100)		13.3	3861	4006	4151 (2017)	12.6
Sierra Loma	8.0	0.0	severe(100)		13.2	3770	3942	4114 (2017)	12.6
Clements Hills-Lodi									
Lockeford	7.0	0.0	severe(100)		10.3	3558	3619	3956 (2014)	12.1
Lone Oak	6.3	0.0	severe(100)		9.8	3311	3466	3622 (2017)	12.5
Jahant-Lodi									
Kost Road-South	7.5	0.0	severe(100)		11.0	3525	3702	3880 (2017)	12.4
Thornton	7.2	0.0	severe(100)		10.5	3511	3601	3911 (2014)	11.7
Lodi	7.1	0.0	severe(100)		10.8	3520	3432	3791 (2017)	12.5
Gilbeau Ranch	7.2	0.0	severe(100)		10.8	3809	3896	4021 (2015)	12.0
Consumnes River-Lodi									
Galt West	7.3	0.0	severe(100)		10.6	3723	3769	3893 (2015)	12.2
Valley Oak	7.4	0.0	severe(100)		10.9	3386	3639	3778 (2017)	12.1
Lodi-CD11									
Lodi SW - Guard Rd	6.7	0.0	severe(100)		11.3	3345	3557	3692 (2015)	12.4
Linden	6.4	0.0	severe(100)		9.7	3222	3445	3614 (2017)	12.2
Mokelumne River-Lodi									
DeVries Road-North	7.0	0.0	severe(100)		10.7	3447	3606	3765 (2017)	12.5
Acampo	7.4	0.0	severe(100)		10.7	3511	3529	3821 (2014)	13.5
Lodi West	6.7	0.0	severe(100)		11.3	3884	3961	4200 (2017)	12.4
Acampo East	7.3	0.0	severe(100)		10.9	3482	3618	3759 (2017)	12.3
Victor North	7.2	0.0	severe(100)		10.7	3566	3738	3909 (2017)	11.8
Live Oak not availab			light(0)			3718	3542	3856 (2014)	
Sloughhouse-Lodi									
Sheldon not availab			severe(100)			3521	3527	3815 (2014)	
Sloughhouse	6.7	0.0	severe(100)		9.6	3342	3527	3842 (2014)	12.5
Outside CD11 (West)									
Freeport West	7.2	0.0	severe(100)		11.0	3610	3712	3814 (2017)	11.9
Clarksburg+	7.4	0.0	severe(100)		11.6	3620	3593	3894 (2015)	12.2
Clarksburg SE	7.0	0.0	severe(100)		10.1	3532	3667	3802 (2017)	12.5
Hood	6.8	0.0	severe(100)		10.3	3476	3699	3869 (2017)	12.1
Elk Grove (Circle K)	6.7	0.0	severe(100)		10.2	3280	3384	3721 (2014)	12.9
Courtland	7.1	0.0	severe(100)		10.9	3378	3529	3680 (2017)	12.5
Walnut Grove North	7.3	0.0	severe(100)		11.2	3644	3793	3942 (2017)	12.5
Ryer Island South	3.9	0.0	severe(70)		11.5	3772	3872	3990 (2014)	12.6
Outside CD11 (South)									
Collegeville	6.6	0.0	severe(100)		10.3	3921	3916	4019 (2017)	12.2
Lathrop West	6.8	0.0	severe(100)		11.3	3985	3599	4120 (2017)	12.5

*season begins 3/1

**season begins 4/1

*** max since 2006