



# 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*

Wednesday January 16, 2019 issued 6:30am

**HIGHLIGHTS:** More rain is expected through the morning before a major winter storm arrives later this afternoon, resulting in heavy rain, chances for thunderstorms, and strong south winds. Drier weather to return by Friday with another storm possible on Sunday. Long-lasting ridging is possible next week.

### FORECAST SPECIFICS

	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds
TODAY	Showers→Rain	55-60	52-57	100%	.25 - .50	SE 15-30 G40
TONIGHT	Rain/Thunderstorms	48-53	47-52	100%	.50 - 1.00	S-SE 15-30 G40-50
Thursday	Shwrs/Thunderstorms	55-60	52-57	80%	.10 - .30	S-SW 10-15 G25-35

**Forecast Discussion:** The trough of low pressure that brought rain and breezy south winds to the area yesterday will cross into the Great Basin today. As this system leaves and the next one approaches, enough support remains for showers to continue through the morning. These showers will most likely become lighter and more isolated going into the mid-to-late morning. This afternoon, the strongest storm of the week will arrive. Periods of heavy rain are expected tonight, and there are also chances for thunderstorms. These storms may be capable of producing lightning, locally heavy rain, as well as very strong gusts. South winds will also be very strong overnight, with gusts around 50 mph possible. Thursday morning, rain is expected to become lighter and more showery while winds also decrease. There are also slight chances for thunderstorms in the late morning and early afternoon on Thursday. Rainfall totals from this storm may exceed 1.50" in some locations.

**Extended Forecast Discussion:** By Friday morning, a strong ridge of high pressure will quickly build in along the West Coast. This will result in rain becoming unlikely for Friday and Saturday while winds stay light. On Sunday, another storm is expected to impact the region. Although it will likely not be nearly as strong as tonight's storm, it may deliver another round of rain and breezy south winds to the area. After this storm moves out on Monday, a powerful ridge is expected to develop and amplify over the West Coast, leading to the return of dry weather. Additionally, weather models show that this ridge may be long-lived, with dry weather potentially persisting from early next week through at least the beginning of next weekend.

### EXTENDED RANGE OUTLOOK

	Fri 1/18	Sat 1/19	Sun 1/20	Mon 1/21	Tue 1/22	Trend Wed 01/23 - Fri 01/25
Weather	Mostly Cldy	Partly Cldy	Showers	M Sunny	M Sunny	Max Temps: Near normal
Max T	53-58	55-60	56-61	52-57	53-58	Min Temps: Near normal
Min T	37-42	39-44	43-48	35-40	36-41	Precipitation: None
POP	10% (am)	0%	60%	10% (am)	0%	Wx Pattern: Powerful West Coast ridging to persist until at least next weekend. Dry conditions.
Amounts	Tr - .10	none	Tr - .25	Tr - .10	none	
Winds	S→N 3-12	N-Var 0-10	SE-SW 10-30	NW 10-25	N→S 5-20	

### REGIONAL AIRPORT CLIMATE SUMMARY

15 January 2019

	Max/Min	Recent Rainfall		Seasonal Rainfall			ETo		
		24hr	7day	2018-19 to date	2017-18 to date	normal to date	Daily	Past week	since 1/1
Sacramento	54/42	0.81	1.26	7.38	6.54	8.41	0.01	0.19	--
Stockton	56/45	0.07	0.16	7.07	3.57	6.36	0.01	0.16	--

Daily normals & extremes - Sacramento 54/39, 69 (2014), 23 (2007); Stockton 54/38, 69 (2014), 21 (2007)

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



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**Lodi Area Daily Meteorological Summary by AVA**  
**Tuesday, January 15, 2019**

Station:	Temperature				Avg Temp °F	Avg DewPt °F	RH %	WIND			Precip 24hr in.	Precip since 7/1 in.	Solar Rad cal/cm <sup>+</sup>	ETo in.	16-Jan-19 Today's Min Temp °F (6am)
	Max °F	time occur	Min °F	time occur				Avg mph	Gust mph	Dir					
<b>Alta Mesa-Lodi</b>															
Colony Road North	<i>n/a</i>														
Colony Road South	<i>n/a</i>														
<b>Borden Ranch-Lodi</b>															
Clay Station	<i>not ava</i>														
Alabama Rd (Five Wells)	54.1	21:37	43.1	1:49	50.7	46.9	87.0	10.8	42.0	SSE	0.54	8.30	32	0.02	51.8
Simmerhorn	54.0	21:42	43.5	1:21	50.4	44.2	79.3	--	--	--	--	--	--	--	51.3
Galt East	54.0	21:34	40.9	1:05	50.6	47.2	87.9	6.6	35.7	SE	0.39	9.28	33	0.02	51.5
Borden Hills	55.0	21:40	44.7	2:06	51.9	47.7	85.4	9.8	35.1	SSE	0.60	7.81	33	0.03	53.2
Sierra Loma	54.3	21:42	43.2	1:12	51.2	47.2	86.2	10.2	44.4	E	0.61	8.12	--	--	52.3
<b>Clements Hills-Lodi</b>															
Lockeford	54.2	21:32	42.7	0:47	51.0	3.3	20.4	7.9	33.1	SSE	0.49	9.32	32	0.10	52.5
Lone Oak	53.6	16:57	45.6	0:05	50.5	46.3	85.6	10.8	34.2	SE	0.24	9.25	--	--	51.7
<b>Jahant-Lodi</b>															
Kost Road-South	<i>not ava</i>														
Thornton	55.2	21:13	45.1	1:00	50.4	45.8	84.3	7.6	37.3	S	0.68	7.63	1	0.02	51.6
Lodi	54.2	21:07	43.6	0:01	49.9	46.4	87.9	7.9	31.3	SSE	0.90	10.36	33	0.02	52.3
Gilbeau Ranch	53.9	21:34	43.2	1:06	50.4	46.6	86.8	7.1	34.2	SSE	0.63	8.57	35	0.02	51.5
<b>Consumnes River-Lodi</b>															
Galt West	55.0	21:17	42.0	0:24	50.3	46.7	87.6	7.6	39.9	SSE	0.71	8.34	37	0.02	51.4
Valley Oak	54.7	21:15	43.2	1:35	49.8	46.3	87.7	6.5	33.8	SSE	0.75	8.33	36	0.02	51.2
<b>Lodi-CD11</b>															
Lodi SW - Guard Rd	54.7	20:57	44.1	1:06	49.6	46.8	90.0	5.7	33.8	SSE	0.70	7.69	34	0.02	51.7
Linden	<i>not available</i>												--	--	
<b>Mokelumne River-Lodi</b>															
DeVries Road-North	53.8	21:06	44.4	0:01	49.7	46.6	89.1	9.1	33.2	SE	0.76	8.79	35	0.02	50.6
Acampo	53.7	21:31	45.1	0:01	50.2	46.5	87.2	7.2	29.9	SSE	0.76	9.82	34	0.02	51.2
Lodi West	54.7	20:54	44.1	1:32	49.6	46.8	90.0	5.7	33.8	SSE	0.70	7.69	34	0.02	51.2
Acampo East	53.9	21:26	44.3	0:23	50.3	46.5	86.7	6.7	28.2	N	0.57	7.81	30	0.01	52.5
Victor North	53.6	21:34	42.6	0:30	50.2	45.3	83.5	8.6	32.9	SE	0.45	8.49	--	--	51.3
<b>Sloughhouse-Lodi</b>															
Sheldon	53.9	21:45	42.8	2:25	49.5	46.8	90.6	6.7	41.0	SSE	0.75	9.32	36	0.02	51.8
Sloughhouse	54.1	20:48	37.2	2:33	49.2	45.9	88.2	2.1	22.2	SE	0.66	8.55	26	0.01	52.0
<b>Outside CD11 (West)</b>															
Freepoint West	<i>not a</i>														
Clarksburg+	54.2	21:43	41.0	1:36	49.3	48.0	95.0	7.1	31.6	SSE	0.00	4.54	35	0.01	51.3
Clarksburg SW	53.8	21:36	42.6	2:00	49.6	47.6	92.7	6.0	24.2	N	0.76	7.31	33	0.01	51.9
Clarksburg SE	53.7	21:43	43.7	0:54	49.4	47.3	92.5	7.3	36.1	SSE	0.00	7.77	32	0.01	50.9
Hood	54.4	21:36	41.4	0:44	49.6	48.4	95.7	6.2	31.0	SSE	0.01	5.37	34	0.01	51.2
Elk Grove (Circle K)	53.0	22:28	41.7	2:25	48.2	44.4	86.6	6.3	25.9	SSE	0.64	7.97	35	0.01	50.4
Courtland	53.1	21:23	42.9	1:29	48.9	47.1	93.3	10.0	35.1	SE	0.73	8.09	--	--	50.4
Walnut Grove North	54.6	21:13	46.3	2:11	50.5	48.3	92.4	7.7	34.0	SSE	0.01	6.84	34	0.02	52.0
Ryer Island South	53.7	21:13	47.2	0:20	49.7	49.3	98.7	6.5	27.1	SE	0.73	8.75	34	0.01	51.6
<b>Outside CD11 (South)</b>															
Collegeville	53.6	20:36	41.2	0:38	49.8	46.5	88.5	11.1	35.3	SE	0.10	7.55	43	0.03	51.9
Escalon	54.1	20:54	45.2	0:01	50.6	47.3	88.4	7.4	23.9	SSE	0.41	5.99	--	--	52.1
Lathrop West	53.7	21:14	46.9	0:23	49.7	47.9	93.5	8.1	28.8	ESE	0.02	5.11	36	0.01	52.1

\*Sloughhouse is blocked by large trees nearby

# Lodi Area Daily Biometeorological Summary by AVA

Tuesday, January 15, 2019

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	
<b>Alta Mesa-Lodi</b>								
<i>Colony Road North</i>			n/a		3562	3747	3895 (2017)	
<i>Colony Road South</i>			n/a		3725	3902	4060 (2017)	
<b>Borden Ranch-Lodi</b>								
<i>Clay Station not ava</i>			n/a		3746	3817	4131 (2014)	
Simmerhorn	0.0	0.0	n/a		1.1	3754	3939	4128 (2014)
Galt East	0.0	0.0	n/a		1.3	3725	3896	4213 (2014)
Borden Hills	0.0	0.0	n/a		2.3	4142	4287	4433 (2017)
Sierra Loma	0.0	0.0	n/a		1.7	4045	4218	4391 (2017)
<b>Clements Hills-Lodi</b>								
Lockeford	0.0	0.0	n/a		1.5	3793	3850	4200 (2014)
Lone Oak	0.0	0.0	n/a		1.0	3522	3680	3839 (2017)
<b>Jahant-Lodi</b>								
Kost Road-South not			n/a		3775	3949	4124 (2017)	
Thornton	0.0	0.0	n/a		1.1	3766	3834	4151 (2014)
Lodi	0.0	0.0	n/a		0.8	3782	3650	4013 (2017)
Gilbeau Ranch	0.0	0.0	n/a		1.1	4041	4147	4277 (2015)
<b>Consumnes River-Lodi</b>								
Galt West	0.0	0.0	n/a		1.0	3962	4016	4143 (2015)
Valley Oak	0.0	0.0	n/a		0.9	3624	3883	4011 (2015)
<b>Lodi-CD11</b>								
Lodi SW - Guard Rd	0.0	0.0	n/a		0.9	3574	3796	3932 (2015)
<i>Linden not available</i>			n/a		3439	3673	3836 (2017)	
<b>Mokelumne River-Lodi</b>								
DeVries Road-North	0.0	0.0	n/a		0.7	3681	3834	3987 (2017)
Acampo	0.0	0.0	n/a		0.9	3747	3753	4057 (2014)
Lodi West	0.0	0.0	n/a		0.9	4143	4226	4475 (2017)
Acampo East	0.0	0.0	n/a		1.0	3719	3858	3991 (2017)
Victor North	0.0	0.0	n/a		1.0	3806	3975	4145 (2017)
<i>Live Oak not availak</i>			n/a		4403	3802	4403 (2018)	
<b>Sloughhouse-Lodi</b>								
Sheldon	0.0	0.0	n/a		0.8	3754	3748	4056 (2014)
Sloughhouse	0.0	0.0	n/a		0.9	3553	3743	4070 (2014)
<b>Outside CD11 (West)</b>								
<i>Freepport West not a</i>			n/a		3876	3962	4049 (2017)	
Clarksburg+	0.0	0.0	n/a		0.7	3895	3827	4158 (2015)
Clarksburg SE	0.0	0.0	n/a		0.6	3777	3905	4033 (2017)
Hood	0.0	0.0	n/a		0.8	3731	3951	4105 (2017)
Elk Grove (Circle K)	0.0	0.0	n/a		0.3	3513	3601	3957 (2014)
Courtland	0.0	0.0	n/a		0.4	3628	3767	3907 (2017)
Walnut Grove North	0.0	0.0	n/a		1.2	3919	4062	4206 (2017)
Ryer Island South	0.0	0.0	n/a		0.6	4057	4135	4264 (2014)
<b>Outside CD11 (South)</b>								
Collegeville	0.0	0.0	n/a		1.1	4170	4175	4294 (2017)
Lathrop West	0.0	0.0	n/a		0.7	4265	3925	4396 (2017)

\*season ends 10/1

\*\*season begins 4/1

\*\*\* max since 2006