



Western Weather Group's Lodi Wine Country Frost Forecast

Meteorologist, Marc Walsh

Sunday April 30, 2017 issued 2 pm

Highlights: Dry with a warming trend continuing early this week. Highs peaking in the lower to middle 90s on Wednesday. Breezy north winds tomorrow. Milder overnight lows, mainly in the 50s this week. Cooler & maybe a little wet by next weekend.

Frost Discussion: A weak trough riding over a large offshore ridge, will weaken as it pushes through the Pac NW this afternoon and then drops down into the Great Basin tonight & tomorrow. Impact of this trough is minimal today as the air mass continues to warm over California. With the trough dropping southward to our east tomorrow and the offshore ridge amplifying, northerly pressure gradients will tighten up resulting in locally breezy north winds on Monday. Warming will continue tomorrow as the offshore ridge begins to build inland. The ridge will move onshore Tuesday and peak in strength over California on Wednesday pushing highs into the middle 90s. The ridge will begin to shift east on Thursday in response to an approaching offshore trough. Still, highs should again reach the middle 90s as the air mass aloft probably won't start to cool until later in the day. Computer models do a significant cooling trend beginning on Friday with near to below normal temperatures over the weekend possibly much of next week, showing a large trough dropping down the West Coast potentially developing into a cutoff low that could stick around for a while. Precipitation is a big *MAYBE* at this point. Confidence in the models that far out, especially when it comes to cutoff lows, is quite low. Showers are most likely to stay in the mountains.

LODI AVA FORECAST MINIMUM TEMPERATURES

Forecast minimums for key regional locations	Most Likely Minimum for tonight	Worst Case Scenario Clear & Calm	Afternoon Observations & 24hr change		Today's AM Minimum Temperature	Change from previous nights Min Temp	Rainfall Today So Far
			Temperature	Dew Pt			
AVA's		10%*					
Delta/Clarksburg	51	42	78 +3	45 +13	44.8	-3.0	0.00
Lodi West AVA	50	42	78 +2	-- --	43.8	-3.6	0.00
Cosumnes River	50	41	79 +2	45 +20	43.7	-0.1	0.00
Alta Mesa	50	40	77 +2	44 +13	43.8	+2.7	0.00
Jahant	51	40	75 +1	48 +16	44.8	+2.9	0.00
Mokelumne River	52	41	76 +2	-- --	45.5	+2.3	0.00
Sloughhouse	49	40	77 +2	46 +12	42.9	+4.5	0.00
Borden Ranch	51	41	74 +3	48 +10	44.7	+5.6	0.00
Clements Hills	52	41	76 +3	48 +14	45.8	+5.6	0.00
Lodi East AVA	50	42	76 +4	48 +15	42.9	+1.2	0.00
So San Joaquin County	49	42	80 +3	39 +17	42.7	+1.2	0.00

For Tonight:

Chance of Rain & Amounts: 0%, None
 Winds: NW 3-15
 Dew Point Range: 45-50
 Tomorrow Night's Lows: 50-60

Inversion Strength Tonight: Moderate
 Inversion Strength Mon Night: Moderate

* Chance of "Worst Case Scenario" occurring, weather data based off stations in the LWC weather network



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