



# Western Weather Group's Sonoma County Forecast

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Issued: Friday, July 30, 2021 at 8:40 AM

**HIGHLIGHTS:** Mostly sunny, warm to very hot again today after patchy low clouds dissipate. More cloudy, not nearly as hot Saturday. More noticeably cooling unfolding Sunday and lasting into the middle next week as weak troughing eventually works its way onshore.

Forecast Specifics	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds	
<b>Today</b>	Alexander/Dry Creek Vly	Mostly Sunny	<b>95-105</b>	47-52	0%	none	SE-S 5-15
Russian River/Green Vlys & Petaluma Gap	low clds→M Sunny	<b>75-90</b>	↓	↓	↓	SW-W 5-15	
Sonoma Valley	↓	<b>85-95</b>	↓	↓	↓	↓	
<b>Tonight</b>	Alexander/Dry Creek Vly	Mostly Clear	50-55	50-55	0%	none	N-Var 0-10
Russian River/Green Vlys & Petaluma Gap	Clear→low clds	↓	↓	↓	↓	Var 0-5	
Sonoma Valley	↓	↓	↓	↓	↓	↓	
<b>Saturday</b>	Alexander/Dry Creek Vly	Mostly Sunny	<b>90-100</b>	47-52	0%	none	SE-S 5-15
Russian River/Green Vlys & Petaluma Gap	low clds→M Sunny	<b>75-85</b>	↓	↓	↓	SW-W 5-15 G20	
Sonoma Valley	↓	<b>80-90</b>	↓	↓	↓	↓	

**Forecast Discussion:** A steady stream of monsoonal moisture will continue to work its way across California for least another 36 hours due to the lack of movement of a strong continental ridge. This will direct some mid, high cloudiness across the North Bay not only today but tonight and most of Saturday. However the focus of this moisture stream is expected to remain across the eastern half of the state. This will lead to another round of showers, thundershowers across the Sierra Nevada and adjacent foothill locations both today and Saturday, likely leaving Sonoma County west of this activity. Anyway despite many areas of the county starting the day briefly covered in low clouds, it will be another hot day across the northern interior of Sonoma County (i.e. Cloverdale, Geyserville) today where many areas will still experience triple digit readings this afternoon. It should be cooler to a varying degree on Saturday as an expanding marine layer allows more of this cooler air mass to work its way onshore with greater efficiency.

**Extended Forecast Discussion:** Offshore troughing will nudge this continental ridge inland enough to return more reasonable temperatures to the North Bay (& put an end to mountain shower activity) on Sunday with these more reasonable conditions persisting for a couple days before more noticeable cooling unfolds on Wednesday when this trough finally moves onshore. A larger, potentially more potent, secondary trough is due to approach and advance inland late next week (or the following weekend) suggesting that North State interior will not see hot weather return anytime soon.

Meteorologist, Tom Cushman

Extended Forecast	Sun 8/1	Mon 8/2	Tue 8/3	Wed 8/4	Thu 8/5	Fri 8/6 - Sun 8/8			
Weather/Sky	AM clds/Sun	AM clds/Sun	AM clds/Sun	AM clds/Sun	Sunny	<b>Max Temps</b> Near normal			
Max Temps	75-95	72-92	72-92	72-87	75-95	<b>Min Temps</b> Near normal			
Min Temps	50-55	47-57	47-57	47-57	47-52	<b>Rainfall</b> none			
POP	0%	0%	0%	0%	0%	<b>Wx</b> A secondary trough works its			
Amounts	none	none	none	none	none	<b>Pattern</b> way inland across PacNW, re-			
Winds	SW-W 5-20	SW-W 5-20	SW-W 5-20	SW-W 5-20	NW 5-15	juvenating onshore flow for CA			
<b>Climate Summary</b>	<b>Temperature</b>		<b>Precipitation</b>			<b>Normal Temp</b>		<b>Record Temperatures</b>	
July 29, 2021	Max	Min	24hr	Season	% of	Max	Min	Max & Year	Min & Year
Station:	°F	°F	In.	→7/1	normal	°F	°F	°F	°F
Sonoma Co AP	84	53	0.00	0.00	0%	83	52	96 2015	47 1999
Napa	86	58	0.00	0.00	0%	79	55	93 2015	50 2010

**Powdery Mildew Stress Outlook:** Moderate to severe stress across all but the northern reaches of the county despite decreasing for the next 2-3 days.

# Sonoma County Weather Station Network

## Daily Meteorological Summary

### Thursday, July 29, 2021

Station:	Elev. ft	Temperature		Avg DewPt °F	Max RH %	Min RH %	Wind			Precipitation		ETo In.	Battery Volts	Jul 30 MinT °F
		Max °F	Min °F				Avg mph	Gust mph	Gust Dir	24hr In.	Season 7/1→			
Rockpile Upper (Cooley)	1815'	99.0	71.3	45.9	43	13	5.6	16.7	SW	0.00	0.00	0.32	12.3	78.3
Rockpile Lower (Cooley)	1312'	104.2	58.1	50.0	81	11	2.1	15.5	WNW	0.00	0.00	--	12.8	67.0
Cloverdale-East (Ranch 83)	299'	101.3	56.0	54.6	87	22	2.9	15.4	SE	0.00	0.00	0.26	12.4	56.0
Cloverdale-SE (Ranch 38)	645'	98.3	55.3	54.2	88	25	6.1	20.1	SSE	0.00	0.00	0.27	12.4	56.2
Geyserville-North (Hoffman)	212'	96.2	55.5	54.5	87	29	3.0	12.2	SSE	0.00	0.00	0.23	12.2	55.3
Geyserville (Ranch 3)	207'	95.5	55.7	54.7	90	26	3.0	12.4	SE	0.00	0.00	0.23	12.5	55.5
Geyserville-East (Ranch 40)	720'	94.1	53.7	54.4	94	30	6.6	22.0	SSW	0.00	0.00	0.26	12.6	53.5
Geyserville-South (Nervo Station)	354'	93.3	55.0	53.2	87	27	3.2	13.1	WSW	0.00	0.00	--	12.7	55.0
Jimtown-North (Piccolo-R15)	185'	96.0	55.5	51.0	82	22	1.8	10.8	ESE	0.00	0.00	0.21	10.2	53.9
Lytton (River Oaks)	172'	96.7	54.6	53.7	91	25	2.4	11.4	SSW	0.00	0.00	0.22	12.8	53.5
Jimtown-NE (Red Fan)	209'	95.6	56.0	54.0	89	24	2.3	10.5	S	0.00	0.00	0.22	12.6	55.5
HWY 128/Chalk Hill Rd (Landslide)	185'	94.6	55.8	53.9	89	26	2.8	12.0	SW	0.00	0.00	--	12.5	55.1
Knights Valley (Bavarian Lion)	398'	98.2	54.6	52.5	89	17	2.2	10.6	WNW	0.00	0.00	0.23	12.7	53.6
Upper Dry Creek Valley	198'	93.8	54.6	54.9	92	29	3.6	15.0	SSE	0.00	0.00	0.25	12.7	54.4
Lower Dry Creek Valley	130'	89.5	55.0	54.4	91	32	4.7	16.8	SE	0.00	0.00	0.24	12.6	54.5
Healdsburg-South (Sodini)	142'	90.9	54.1	53.0	90	29	3.5	15.5	S	0.00	0.00	--	12.7	53.2
Windsor-NW (Ranch 8)	123'	90.2	54.3	54.3	85	34	1.7	20.3	SSE	0.00	0.00	0.21	12.5	53.4
Windsor-East (Ranch 16)	178'	88.4	54.2	53.3	91	32	3.6	13.4	S	0.00	0.00	0.22	12.6	53.4
Mark West-North (Ranch 14)	112'	85.7	54.0	53.1	91	35	2.6	12.2	SW	0.00	0.00	0.21	12.5	53.2
Windsor-SE (Silk Rd)	74'	84.4	53.8	53.9	94	37	2.5	12.9	SSW	0.00	0.00	0.20	12.7	53.2
Fulton-NW (Ranch 5)	113'	85.4	53.7	54.2	94	38	3.9	15.9	S	0.00	0.00	0.21	12.8	53.0
Windsor-South (Laughlin Rd)	115'	87.3	53.2	--	--	--	--	--	--	0.00	0.00	--	13.1	52.6
Fulton-SE (Barnes Rd)	145'	85.8	53.8	53.7	91	37	3.7	13.1	SSE	0.00	0.00	--	12.7	53.8
Fulton-SW (Ranch 21)	135'	84.9	53.3	53.5	93	38	3.5	14.6	SSW	0.00	0.00	0.21	12.5	52.4
Santa Rosa-NW (Goldfields)	107'	83.9	53.5	53.6	95	38	4.3	15.8	SE	0.00	0.00	0.19	12.5	52.8
NW Santa Rosa (Piner Road)	109'	82.3	53.2	53.8	94	42	2.4	12.8	SW	0.00	0.00	--	12.7	52.9
River Rd South (Denner Ranch)	95'	81.4	51.6	53.0	96	39	6.2	19.1	S	0.00	0.00	--	12.6	52.3
West Santa Rosa (Hawk's Roost)	103'	82.9	53.2	53.5	95	39	2.0	11.9	SSW	0.00	0.00	--	12.8	53.0
Guerneville Rd (Prokopakis)	56'	81.4	53.5	54.2	97	42	--	--	--	0.00	0.00	--	12.6	53.3
Guerneville Rd West (Balletto)	66'	80.8	53.1	54.3	95	46	3.3	15.1	SSW	0.00	0.00	--	12.7	53.0
Guerneville Rd East (Rich Ranch)	89'	85.6	53.4	53.6	95	37	--	--	--	--	--	--	12.7	52.6
Occidental Rd (Sebastopol)	93'	81.3	52.5	55.5	100	43	3.4	16.0	SSW	0.00	0.00	--	12.4	51.6
Lower Westside Rd (Ranch 12)	64'	87.7	53.8	53.7	92	34	2.2	11.6	SE	0.00	0.00	0.21	12.8	52.3
Guerneville (Laughlin Rd)	47'	85.3	51.5	53.2	92	39	2.5	13.8	S	0.00	0.00	--	12.7	51.2
Korbel (Winery)	46'	89.5	54.0	53.8	92	32	1.7	10.9	W	0.00	0.00	--	12.8	53.8
Forestville (Shone Farms)	233'	89.5	53.2	54.2	93	36	2.4	12.2	E	0.00	0.00	0.21	12.1	52.1
Forestville-NE (Ranch 30)	78'	89.8	53.0	54.9	93	38	2.9	13.7	SE	0.00	0.00	0.22	12.5	51.4
Graton-West (Dutton Ranch)	144'	83.8	53.5	55.1	100	38	3.0	12.5	S	0.00	0.00	--	12.8	52.9
Graton-South (Mill Station Rd)	141'	76.7	52.2	53.7	98	49	3.4	15.9	W	0.00	0.01	--	13.1	51.8
Occidental (Horseshoe Bend)	702'	78.1	50.8	53.4	100	45	--	--	--	--	--	--	12.8	51.2
Sexton Valley (Jacqueline's Blk)	172'	77.5	52.8	54.1	97	51	1.7	15.4	NW	0.00	0.01	--	12.7	52.0
Sebastopol Hills (Burnside Rd)	486'	72.3	51.4	53.9	100	59	5.8	18.3	SW	0.00	0.02	--	12.8	50.8
Pleasant Hill	353'	80.3	51.8	53.4	99	42	2.7	14.0	NNW	0.00	0.00	--	12.8	51.8
Seaview/Fort Ross (Hirsch)	1472'	85.6	67.7	50.0	52	22	2.1	8.8	N	0.00	0.00	0.22	12.6	74.4
Upper Rincon Valley	1096'	86.0	51.6	52.7	98	33	1.4	9.3	SSE	0.00	0.00	0.20	12.7	52.6
Lower Bennett Valley	425'	90.9	51.6	52.9	94	28	2.8	11.6	SE	0.00	0.00	0.22	12.7	51.3
Kenwood (Kunde)	411'	94.5	54.3	54.6	99	25	0.6	10.3	N	0.00	0.00	0.20	12.2	54.6
Sonoma Valley (Bedrock)	173'	96.9	54.6	50.7	85	17	2.3	13.5	N	0.00	0.00	--	12.8	55.5
Sonoma-West (Arnold)	75'	97.9	52.9	52.1	83	18	2.7	14.6	SE	0.00	0.00	0.24	12.0	52.7
Sonoma Valley HS	56'	94.8	54.8	53.8	89	23	2.7	10.0	SSW	0.00	0.00	0.22	12.7	54.8
Sonoma East (Bundschu01)	76'	93.1	54.3	53.5	90	23	3.6	18.8	SSE	0.00	0.00	0.22	12.7	53.9
Schellville (Sasaki)	20'	95.4	55.0	53.4	90	24	3.3	14.8	W	0.00	0.00	--	12.6	54.5
Sonoma-SE (Napoli)	77'	76.7	37.7	40.1	94	23	3.6	18.8	SW	0.00	9.34	--	12.8	39.8
Carneros (Ranch 71)	245'	86.7	54.3	54.7	91	35	4.1	17.3	W	0.00	0.00	0.20	12.8	53.8
Carneros Upper (Ranch 81)	318'	86.6	54.6	54.4	89	37	5.7	14.1	WNW	--	--	--	12.4	54.5

Cameros Lower (Ranch 81)	<b>185'</b>	84.4	54.4	55.4	90	43	2.9	<b>12.3</b>	S	0.00	0.00	0.20	12.7	54.6
Rohnert Park-West (Stony Point)	<b>88'</b>	78.0	53.4	54.3	98	49	3.8	<b>15.7</b>	WSW	0.00	0.00	--	12.7	53.1
Penngrove (Asellus)	<b>141'</b>	83.4	53.8	53.8	97	38	3.6	<b>12.4</b>	W	0.00	0.00	--	12.8	53.2
Roger's Creek (Ranch 50)	<b>587'</b>	87.3	51.6	52.7	99	30	6.3	<b>18.6</b>	W	0.00	0.00	0.22	12.8	51.4
Petaluma (Ranch 10)	<b>62'</b>	86.9	54.5	53.8	93	34	3.8	<b>14.2</b>	N	0.00	0.00	0.20	12.5	54.0
Lakeville (Ranch 47)	<b>10'</b>	88.3	54.7	54.2	93	31	8.0	<b>18.8</b>	N	0.00	0.00	0.20	12.5	54.2

## Daily Biometeorological Summary

Thursday, July 29, 2021

Station:	Elev.	Powdery	24hr	7-Day	24hr	2021
	ft	Mildew Points	Chill Hours	Total ETo		
Rockpile Upper (Cooley)	<b>1815'</b>	<b>40</b>	0.0	--	32.9	1714
Rockpile Lower (Cooley)	<b>1312'</b>	0	0.0	--	29.0	1856
Cloverdale-East (Ranch 83)	<b>299'</b>	0	0.0	--	25.0	1955
Cloverdale-SE (Ranch 38)	<b>645'</b>	0	0.0	--	23.4	1859
Geyserville-North (Hoffman)	<b>212'</b>	0	0.0	1.45	22.2	1797
Geyserville (Ranch 3)	<b>207'</b>	0	0.0	1.45	22.6	1869
Geyserville-East (Ranch 40)	<b>720'</b>	0	0.0	--	19.4	1669
Geyserville-South (Nervo Station)	<b>354'</b>	0	0.0	--	20.8	1782
Jimtown-North (Piccolo-R15)	<b>185'</b>	0	0.0	1.34	22.0	1742
Lytton (River Oaks)	<b>172'</b>	0	0.0	1.44	22.0	1793
Jimtown-NE (Red Fan)	<b>209'</b>	0	0.0	1.46	22.3	1789
HWY 128/Chalk Hill Rd (Landslide)	<b>185'</b>	0	0.0	--	21.2	1710
Knights Valley (Bavarian Lion)	<b>398'</b>	0	0.0	1.50	23.1	1561
Upper Dry Creek Valley	<b>198'</b>	0	0.0	1.56	21.9	1379
Lower Dry Creek Valley	<b>130'</b>	0	0.0	--	19.2	1715
Healdsburg-South (Sodini)	<b>142'</b>	0	0.0	--	19.0	1670
Windsor-NW (Ranch 8)	<b>123'</b>	0	0.0	--	18.0	1629
Windsor-East (Ranch 16)	<b>178'</b>	0	0.0	1.42	17.3	1500
Mark West-North (Ranch 14)	<b>112'</b>	<b>60</b>	0.0	1.32	16.4	1476
Windsor-SE (Silk Rd)	<b>74'</b>	<b>90</b>	0.0	1.33	16.1	1454
Fulton-NW (Ranch 5)	<b>113'</b>	<b>100</b>	0.0	1.35	15.9	1435
Windsor-South (Laughlin Rd)	<b>115'</b>	<b>90</b>	0.0	--	16.1	1473
Fulton-SE (Barnes Rd)	<b>145'</b>	<b>100</b>	0.0	--	15.7	1410
Fulton-SW (Ranch 21)	<b>135'</b>	<b>100</b>	0.0	--	15.2	1392
Santa Rosa-NW (Goldfields)	<b>107'</b>	<b>100</b>	0.0	--	15.0	1389
NW Santa Rosa (Piner Road)	<b>109'</b>	<b>100</b>	0.0	--	14.3	1307
River Rd South (Denner Ranch)	<b>95'</b>	<b>90</b>	0.0	--	13.8	1327
West Santa Rosa (Hawk's Roost)	<b>103'</b>	<b>100</b>	0.0	--	14.8	1340
Guerneville Rd (Prokopakis)	<b>56'</b>	<b>100</b>	0.0	--	14.2	1314
Guerneville Rd West (Balletto)	<b>66'</b>	<b>100</b>	0.0	--	13.9	1285
Guerneville Rd East (Rich Ranch)	<b>89'</b>	<b>100</b>	0.0	--	15.2	1375
Occidental Rd (Sebastopol)	<b>93'</b>	<b>100</b>	0.0	--	13.8	1253
Lower Westside Rd (Ranch 12)	<b>64'</b>	0	0.0	1.33	16.8	1510
Guerneville (Laughlin Rd)	<b>47'</b>	<b>100</b>	0.0	--	15.6	1437
Korbel (Winery)	<b>46'</b>	<b>50</b>	0.0	--	18.4	1556
Forestville (Shone Farms)	<b>233'</b>	<b>60</b>	0.0	1.39	16.4	1505
Forestville-NE (Ranch 30)	<b>78'</b>	0	0.0	--	17.0	1482
Graton-West (Dutton Ranch)	<b>144'</b>	<b>100</b>	0.0	--	16.0	1388
Graton-South (Mill Station Rd)	<b>141'</b>	<b>60</b>	0.0	--	11.2	1129
Occidental (Horseshoe Bend)	<b>702'</b>	<b>40</b>	0.0	--	10.7	994
Sexton Valley (Jacqueline's Blk)	<b>172'</b>	<b>90</b>	0.0	--	11.2	1095
Sebastopol Hills (Burnside Rd)	<b>486'</b>	20	0.0	--	8.6	1004
Pleasant Hill	<b>353'</b>	<b>90</b>	0.0	--	12.6	249
Seaview/Fort Ross (Hirsch)	<b>1472'</b>	<b>100</b>	0.0	1.39	26.6	1387
Upper Rincon Valley	<b>1096'</b>	<b>70</b>	0.0	1.32	16.4	1212
Lower Bennett Valley	<b>425'</b>	<b>60</b>	0.0	--	17.3	1318
Kenwood (Kunde)	<b>411'</b>	0	0.0	1.34	20.7	1544
Sonoma Valley (Bedrock)	<b>173'</b>	30	0.0	--	22.0	1571
Sonoma-West (Arnold)	<b>75'</b>	20	0.0	1.56	22.0	1557

Sonoma Valley HS	<b>56'</b>	<b>70</b>	0.0	1.46	20.4	1474
Sonoma East (Bundschu01)	<b>76'</b>	<b>50</b>	0.0	1.49	19.5	1297
Schellville (Sasaki)	<b>20'</b>	<b>70</b>	0.0	--	19.7	1506
<i>Sonoma-SE (Napoli)</i>	<i>77'</i>	<i>60</i>	<i>5.8</i>	--	<i>9.6</i>	<i>704 F62</i>
Carneros (Ranch 71)	<b>245'</b>	<b>90</b>	0.0	1.45	17.4	1369
Carneros Upper (Ranch 81)	<b>318'</b>	<b>90</b>	0.0	--	17.6	1399
Carneros Lower (Ranch 81)	<b>185'</b>	<b>90</b>	0.0	--	17.2	1409
Rohnert Park-West (Stony Point)	<b>88'</b>	<b>100</b>	0.0	--	11.6	1087
Penngrove (Asellus)	<b>141'</b>	<b>100</b>	0.0	--	13.6	1150
Roger's Creek (Ranch 50)	<b>587'</b>	<b>90</b>	0.0	1.46	15.1	1158
Petaluma (Ranch 10)	<b>62'</b>	<b>70</b>	0.0	1.39	16.2	1381
Lakeville (Ranch 47)	<b>10'</b>	<b>70</b>	0.0	--	16.3	1325

\*(GDD season start date 4/1/21)

Sonoma County ETo Forecast	7-Day Outlook 7/30 - 8/5		Past Week ( 7/23 - 7/29 ) Summary				
	Normal	Forecast	Daily		7-Day	Period	Percent
			Max	Min	Total	Normal	Normal
Geyserville	1.71	1.80	0.28	0.16	1.66	1.75	95%
Windsor	1.40	1.54	0.23	0.14	1.41	1.43	98%
Graton	1.38	1.45	0.24	0.12	1.41	1.40	101%
Petaluma	1.40	1.47	0.24	0.14	1.45	1.41	103%
Carneros	1.28	1.34	0.22	0.14	1.37	1.35	101%
Kenwood	1.33	1.33	0.22	0.13	1.33	1.37	97%

<b>Sonoma County Heat Stress Forecast</b>  Time period when temperature criteria met	<b>Coastal Interior</b>				<b>North Interior</b>				<b>South Interior</b>			
	10am-12pm		12-2pm	2-4pm	10am-12pm		12-2pm	2-4pm	10am-12pm		12-2pm	2-4pm
	80°F	---	---	<b>x</b>	80°F	<b>x</b>	<b>x</b>	<b>x</b>	80°F	<b>x</b>	<b>x</b>	<b>x</b>
	85°F	---	---	---	85°F	<b>x</b>	<b>x</b>	<b>x</b>	85°F	---	<b>x</b>	<b>x</b>
	90°F	---	---	---	90°F	---	<b>x</b>	<b>x</b>	90°F	---	---	<b>x</b>
	95°F	---	---	---	95°F	---	---	<b>x</b>	95°F	---	---	---
5-Day Average High: 76		Today's Forecast High: <b>80</b>		5-Day Average High: 92		Today's Forecast High: <b>99</b>		5-Day Average High: 90		Today's Forecast High: <b>90</b>		