



# Western Weather Group's Napa County Forecast

napa valley vintners

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Issued: Monday, June 21, 2021 at 9:02 AM

**HIGHLIGHTS:** Much cooler today with near to below-average temperatures expected through midweek. The latter half of the week will see a strong warming trend, likely returning to well above-average levels by the weekend.

Forecast Specifics	Weather	Max/Min	Dew Pts	POPs	Amounts	Winds	
<b>Today</b>	Pope Valley	Sunny	87-92	42-52	0%	none	<b>SE-SW 5-15 G25</b>
	Northern Napa Valley	LoClds→M Sunny	↓	45-55	↓	↓	↓
	Southern Napa Valley	↓	73-83	↓	↓	↓	<b>SW-W 5-15 G25</b>
<b>Tonight</b>	Pope Valley	Clear	43-50	42-52	0%	none	S-Var 0-10
	Northern Napa Valley	Clear→LoClds/fog	↓	45-55	↓	↓	↓
	Southern Napa Valley	↓	↓	↓	↓	↓	↓
<b>Tuesday</b>	Pope Valley	Sunny	73-80	40-50	0%	none	<b>SE-SW 5-15 G25</b>
	Northern Napa Valley	LoClds→M Sunny	↓	↓	↓	↓	↓
	Southern Napa Valley	↓	68-73	↓	↓	↓	<b>SW-W 5-15 G25</b>

**Forecast Discussion:** A weak area of low pressure will remain roughly stationary off the California Coast through midweek. This feature will continue to support a deeper marine layer and active onshore winds. These factors will allow temperatures to be much cooler than yesterday, likely staying in the mid to upper 80s for most areas. Low clouds this morning look to mostly burn off by the late morning to early afternoon and likely return this evening. Clouds may persist longer by the coast. Cooling will continue into tomorrow with most areas likely only seeing the 70s. Similar conditions are expected through Thursday.

**Extended Forecast Discussion:** Through the latter half of the week, a ridge of high pressure forming off the coast of the Pacific Northwest will move inland and strengthen rapidly, likely reaching a magnitude similar to the Four Corners high that induced last week's heat wave. This high will push the previous low southward and temperatures are expected to rise. Highs may return to the upper 90s before the weekend arrives and temperatures well above 100°F appear possible after. Heat may then persist into early next week.

*Meteorologist, Kai Tawa*

Extended Forecast	Wed 6/23	Thu 6/24	Fri 6/25	Sat 6/26	Sun 6/27	Mon 6/28 - Wed 6/30			
Weather/Sky	AM clds/Sun	AM clds/Sun	M Sunny	Sunny	Sunny	<b>Max Temps</b> Above normal			
Max Temps	75-85	80-90	<b>88-98</b>	<b>97-107</b>	<b>100-110</b>	<b>Min Temps</b> Above normal			
Min Temps	43-53	41-48	41-48	42-52	50-60	<b>Rainfall</b> None			
POP	0%	0%	0%	0%	0%	<b>Wx</b> Weak low near the coast			
Amounts	none	none	none	none	none	<b>Pattern</b> w/immense high pressure over the PacNW; likely hot.			
Winds	<b>SE-SW 5-25</b>	SE-SW 5-20	<b>SE-SW 5-25</b>	SE-SW 5-20	NW-SW 5-20				
<b>Climate Summary</b>	<b>Temperature</b>		<b>Precipitation</b>			<b>Normal Temp</b>		<b>Record Temperatures</b>	
June 20, 2021	Max	Min	24hr	Season	% of	Max	Min	Max & Year	Min & Year
Station:	°F	°F	In.	→7/1	normal	°F	°F	°F	°F
Napa	75	54	0.00	<b>7.49</b>	33%	79	52	103 2008	46 2010
Sonoma Co AP	81	52	0.00	<b>12.95</b>	36%	83	51	101 2008	45 2010

*View more weather data and information at: <https://napa.westernweathergroup.com>*

**Powdery Mildew Stress Outlook:** Stress will increase inland and decrease elsewhere into midweek as cooler temperatures develop across the region.

# Napa County Weather Station Network

## Daily Meteorological Summary

### Sunday, June 20, 2021

Station:	Elev. ft	Temperature		Avg DewPt °F	Max RH %	Min RH %	Wind			Precipitation		ETo In.	Battery Volts	Jun 21 MinT °F
		Max °F	Min °F				Avg mph	Gust mph	Gust Dir	24hr In.	Season 7/1→			
Pope Valley (Weeks Lake)	650'	98.8	46.5	43.2	95	9	2.2	14.5	SSW	0.00	10.34	0.26	12.4	46.5
Dollarhide Base	715'	100.8	55.6	48.2	89	15	4.1	19.1	SSW	0.00	10.01	0.31	12.6	54.9
Angwin	2343'	89.4	67.7	30.3	30	7	3.0	15.7	S	0.00	17.00		12.8	67.6
Lower Chiles Valley (Nichelini Ran	905'	94.4	49.1	50.1	96	18	--	--	--	--	--	--	12.7	49.5
Lower Chiles Valley (Brown)	911'	94.2	48.2	50.5	97	17	4.4	15.3	WNW	0.00	12.11	0.27	12.7	52.0
Moss Creek Vineyard/Reservior	868'	98.5	53.8	46.2	87	6	--	--	--	0.00	10.80	--	13.2	53.8
Calistoga-North	407'	95.1	50.4	51.5	97	18	--	--	--	0.00	12.81	--	12.7	54.2
St. Helena-North	325'	99.6	52.1	51.0	93	12	2.0	12.5	NNW	0.00	13.75	0.21	12.1	55.0
Rutherford Hill Estate	448'	91.8	53.6	54.6	100	28	1.7	13.2	SW	0.00	9.76	0.21	12.4	51.1
Rutherford-North (Mee Ln)	158'	89.7	48.3	53.3	94	30	3.0	15.3	SSE	0.00	9.91	0.23	12.5	49.0
Rutherford (STS)	150'	92.2	48.7	55.9	99	32	3.1	15.5	SE	0.00	10.65	0.24	12.6	48.2
Oakville-NE (Ranch 88)	128'	89.4	44.2	52.0	95	31	2.8	17.2	SSW	0.00	10.17	0.22	12.4	43.6
To Kalon	160'	87.9	48.4	54.3	97	34	3.9	17.1	S	0.00	12.48	0.23	11.8	47.2
Yountville (Ranch 67)	85'	86.2	49.6	53.7	98	35	4.6	14.4	S	0.00	10.82	0.25	12.9	47.0
Wappo Hill	70'	86.2	50.0	54.0	96	36	3.0	14.5	SSE	0.00	11.28	0.24	12.0	47.4
Stags Leap Dist (Chimney Rock)	65'	84.3	50.5	53.6	95	38	3.5	15.6	SE	0.00	11.07	0.22	12.5	48.3
Yountville-SE (Ranch 85)	63'	84.0	51.4	54.6	96	40	3.2	14.4	S	0.00	10.78	0.22	12.8	48.2
Yountville-South (Ranch 87)	68'	87.1	49.5	54.4	99	36	2.5	13.8	SE	0.00	11.67	0.16	12.8	47.4
Mt. Veeder	1540'	91.6	59.2	49.0	72	19	1.5	8.7	N	0.00	16.07	0.19	12.4	49.6
Oak Knoll-East (Ranch 53)	88'	82.7	49.9	53.5	93	38	3.0	14.1	SE	0.00	11.04	0.22	12.5	48.7
Napa-NW (Ranch 54)	102'	82.2	48.9	52.9	95	39	2.2	15.9	S	0.00	12.02	0.22	12.8	47.7
Napa-North (Ranch 29)	35'	80.4	48.6	54.0	96	44	2.1	11.6	S	0.00	10.63	0.22	12.7	47.7
Napa-East (Palmaz 300')	221'	85.0	49.9	52.9	98	35	2.3	11.8	WNW	0.00	10.90	0.20	12.5	50.1
Napa-East (Palmaz 1200')	1160'	80.1	48.6	51.7	100	40	2.7	12.9	NW	--	--	0.22	12.5	47.6
Napa-East (Palmaz 1400')	1415'	82.6	52.4	51.9	99	32	3.1	14.1	WSW	0.00	13.66	0.24	12.5	49.7
Wooden Valley	546'	89.4	54.5	50.1	80	19	6.0	17.9	WSW	0.00	11.97	0.30	11.7	53.9
Napa-West Upper (Truchard)	290'	80.8	50.8	53.7	100	41	4.8	16.7	SSE	0.00	10.02	0.24	12.6	51.1
Napa-West Lower (Truchard)	148'	80.9	44.0	51.6	99	41	--	--	--	--	--	--	12.8	44.9
Napa-South (Toyon Farms)	120'	80.0	49.5	54.0	95	47	4.4	15.8	S	0.00	8.20	0.13	12.2	50.8
Carneros (Saintsbury)	94'	76.6	49.4	53.6	96	48	6.4	18.3	S	0.00	8.89	--	12.8	54.0
Suscol Lower (Ranch 35)	110'	78.0	48.5	53.2	100	44	4.9	16.9	WSW	0.00	8.47	0.20	12.4	48.3
Suscol Mtn (Ranch 93)	827'	78.9	50.3	53.0	100	40	3.7	12.6	WSW	0.00	9.21	0.15	12.8	50.2
Suscol Upper (Ranch 90)	725'	77.4	51.6	53.5	100	43	4.3	13.9	S	0.00	8.83	--	12.7	51.5
Stanley (Ranch 45)	22'	75.7	49.2	53.6	96	49	5.9	17.1	S	0.00	9.01	0.22	12.6	53.6
Carneros Upper (Ranch 81)	318'	81.7	50.6	52.2	95	36	8.6	22.6	WNW	--	--	--	12.4	54.0
Carneros Lower (Ranch 81)	185'	84.1	49.6	52.8	95	36	2.9	14.6	S	0.00	9.13	0.22	12.7	54.3

Napa County ETo Forecast	7-Day Outlook 6/21 - 6/27		Past Week ( 6/14 - 6/20 ) Summary				
	Normal	Forecast	Daily		7-Day Total	Period Normal	Percent Normal
			Max	Min			
Oakville	1.61	1.69	0.29	0.24	1.84	1.61	114%
Carneros	1.47	1.54	0.28	0.22	1.75	1.47	119%

# Daily Biometeorological Summary

## Sunday, June 20, 2021

Station:	Elev. ft	Powdery	24hr	7-Day	24hr GDD	2021
		Mildew Points	Chill Hours	Total ETo		Seasonal GDD*
Pope Valley (Weeks Lake)	650'	10	0.0	--	24.9	1237
Dollarhide Base	715'	10	0.0	--	29.6	1414
Angwin	2343'	100	0.0	--	29.2	1173
Lower Chiles Valley (Nichelini Ran	905'	30	0.0	--	21.9	1097
Lower Chiles Valley (Brown)	911'	30	0.0	1.87	21.3	988
Moss Creek Vineyard/Reservior	868'	30	0.0	--	27.4	1223
Calistoga-North	407'	20	0.0	--	21.3	1156
St. Helena-North	325'	0	0.0	1.55	22.1	1204
Rutherford Hill Estate	448'	40	0.0	--	18.8	1114
Rutherford-North (Mee Ln)	158'	40	0.0	--	18.2	1109
Rutherford (STS)	150'	40	0.0	--	18.6	1126
Oakville-NE (Ranch 88)	128'	40	0.6	--	17.4	1048
To Kalon	160'	40	0.0	1.76	17.2	1047
Yountville (Ranch 67)	85'	90	0.0	1.92	16.8	1033
Wappo Hill	70'	100	0.0	1.79	16.8	1034
Stags Leap Dist (Chimney Rock)	65'	100	0.0	--	16.2	986
Yountville-SE (Ranch 85)	63'	100	0.0	1.69	16.2	993
Yountville-South (Ranch 87)	68'	100	0.0	--	16.5	992
Mt. Veeder	1540'	90	0.0	1.43	23.1	1051
Oak Knoll-East (Ranch 53)	88'	100	0.0	1.68	15.4	976
Napa-NW (Ranch 54)	102'	100	0.0	1.71	16.0	979
Napa-North (Ranch 29)	35'	100	0.0	1.68	14.5	912
Napa-East (Palmaz 300')	221'	100	0.0	1.47	16.3	942
Napa-East (Palmaz 1200')	1160'	90	0.0	1.68	13.3	742
Napa-East (Palmaz 1400')	1415'	100	0.0	1.75	15.8	819
Wooden Valley	546'	70	0.0	2.00	21.6	1075
Napa-West Upper (Truchard)	290'	100	0.0	1.89	14.8	928
Napa-West Lower (Truchard)	148'	100	1.0	--	14.1	914
Napa-South (Toyon Farms)	120'	100	--	--	13.6	864
Carneros (Saintsbury)	94'	80	0.0	--	13.1	840
Suscol Lower (Ranch 35)	110'	100	0.0	--	12.7	839
Suscol Mtn (Ranch 93)	827'	90	0.0	--	11.4	748
Suscol Upper (Ranch 90)	725'	90	0.0	--	11.8	765
Stanley (Ranch 45)	22'	80	0.0	1.88	12.5	828
Carneros Upper (Ranch 81)	318'	100	0.0	--	14.1	847
Carneros Lower (Ranch 81)	185'	100	0.0	--	14.0	858

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

### Napa County Heat Stress Forecast

Time period when temperature criteria met

Pope Valley			
	10am-12pm	12-2pm	2-4pm
80°F	x	x	x
85°F	---	x	x
90°F	---	---	x
95°F	---	---	---

5-Day Average High: **104**  
Today's Forecast High: **92**

### Napa Valley north

Napa Valley north			
	10am-12pm	12-2pm	2-4pm
80°F	x	x	x
85°F	---	x	x
90°F	---	---	---
95°F	---	---	---

5-Day Average High: **103**  
Today's Forecast High: **88**

### Napa Valley south

Napa Valley south			
	10am-12pm	12-2pm	2-4pm
80°F	---	---	---
85°F	---	---	---
90°F	---	---	---
95°F	---	---	---

5-Day Average High: **93**  
Today's Forecast High: **78**