



Western Weather Group's Sacramento Valley Forecast

Meteorologist, Tom Cushman

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

Tuesday August 21, 2018 issued 6:00 am

HIGHLIGHTS: Noticeably cooler today with hazy conditions from wildfire smoke mostly confined to the northern valley. Seasonably pleasant conditions likely to last out the week and probably the weekend as the westerlies maintain a troughing pattern along the West Coast.

Forecast Discussion: A compact disturbance, working its way southward across the Pacific Northwest, will clip the northeast corner of California before weakening and ejecting slowly eastward tomorrow. This has led to the significant overnight expansion of the marine layer which strengthening onshore flow will draw well into the state's interior. Look for temperatures failing to reach the 90F mark for many south valley locations, many of which could see day start out briefly covered in low clouds. Northern areas of the valley, though warmer with afternoon readings climbing into the lower 90s, will still likely have to deal with wildfire smoke often leaving the region hazy, and perhaps smokey. After a clear, cool night, expect temperature to rebound by a degree or two on Wednesday as onshore flow relaxes across the North State.

FORECAST SPECIFICS

		Weather	Temps	Dew Pts	POPs	Amounts	Winds
TODAY	(n/w)	Sunny, hazy	90-95	45-50	0%	none	SE-S 0-10→5-15
	(s/e)	Partly Cldy→Sunny	85-90	50-55			SE-SW 5-15→10-20
TONIGHT	(n/w)	Mostly Clear	57-62	50-55	0%	none	Var 0-5
	(s/e)		52-57				SE-SW 10-15→5-10
Wednesday	(n/w)	Sunny, hazy	92-97	45-50	0%	none	SE-S 5-15
	(s/e)	Sunny	87-92	50-55			SE-SW 5-20

SACRAMENTO VALLEY CLIMATE SUMMARY

20 August 2018	Max/Min	Rainfall			ETo		Today's normals	Today's Records & Year
		24hr	Sea(7/1)	% normal	Daily	Past week		
Red Bluff	99/64	0.00	0.00	0%	0.19	1.50	95/62	108 (1964), 52 (1959)
Chico State Farm	98/59	0.00	0.00	0%	0.21	1.44	93/58	104 (1935), 49 (1959)
Oroville	95/63	0.00	0.00	0%	0.21	1.55	94/58	113 (1950), 48 (2010)
Marysville	96/57	0.00	0.00	0%	0.22	1.56	95/62	110 (1950), 50 (1959)
Sacramento	89/58	0.00	0.00	0%	0.23	1.61	91/58	103 (1969), 50 (1970)
Vacaville	89/57	0.00	0.00	0%	0.24	1.70	94/58	104 (1945), 43 (1943)

Avg Max: 96°F Range: (88 - 102) Warmest: Chico WWG Office+ Avg Min: 57°F Range: (49 - 66) Coldest: Dunnigan Hills-Jones

WESTERN WEATHER GROUP

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Monday, August 20, 2018

	Temperature			Avg DewPt °F	Avg RH %	WIND			Precipitation		Solar Rad cal/cm ²	ETo in.	
	Max °F	Min °F	Avg °F			Avg mph	Peak Dir	Gust mph	Occur	24hr in.			7/1 to date in.
	East Valley												
# Cottonwood East+	101.2	56.0	77.8	44.3	41	2.5	S	11.8	1829	0.00	0.00	459	0.20
# Red Bluff North	100.7	55.4	75.8	46.1	44	1.9	S	13.2	1910	0.00	0.00	407	0.17
Nord North	99.2	57.7	74.3	61.1	69	0.2	W	5.1	1039	0.00	0.00	---	---
Chico WWG Office+	102.3	65.6	81.8	51.6	38	1.4	SSW	10.8	1618	0.00	0.00	---	---
Chico West	100.3	57.0	76.7	58.8	61	0.8	S	6.8	1657	0.00	0.00	---	---
Chico State Farm	97.5	58.7	77.4	53.7	49	2.0	SW	10.1	1622	0.00	0.00	529	0.19
Dayton North	97.9	57.9	74.0	64.0	76	0.1	NW	4.4	1136	0.00	---	---	---
Durham**	96.9	56.3	74.9	62.3	71	1.7	E	10.4	2309	0.00	0.00	582	0.20
Butte College	99.8	63.8	81.8	46.1	30	2.6	WSW	12.7	1715	0.00	0.00	675	0.26
# Dayton SW	96.4	55.9	74.7	58.9	64	1.2	SSE	7.7	1615	0.00	0.00	592	0.20
Dayton South (Byrnes)	99.0	55.2	75.2	58.5	62	1.6	SSE	9.2	1650	0.00	0.00	---	---
Biggs	94.2	60.3	75.7	53.3	50	3.8	SSE	11.8	2049	0.00	0.00	---	---
Pennington	98.9	53.1	77.9	48.5	41	1.1	ESE	14.7	2332	0.00	0.00	572	0.19
North Yuba	96.1	58.0	74.5	56.4	57	2.8	S	9.0	150	0.00	0.00	---	---
Yuba City South	92.0	53.7	72.3	55.3	59	2.9	SE	11.4	2341	0.00	0.00	604	0.21
Wheatland	94.0	57.4	75.4	51.1	45	4.2	WNW	12.1	1613	---	---	---	---
Lincoln North	95.1	55.6	76.3	47.7	38	4.9	SE	12.8	2223	0.00	0.00	---	---
Lincoln	95.9	54.9	77.6	49.2	39	5.7	SE	15.8	2216	---	---	---	---
West Valley													
Corning+	98.2	53.8	73.6	52.6	56	1.4	SE	10.6	1816	0.00	0.00	---	---
Orland Buttes-North+	98.0	58.1	52.7	52.5	92	0.9	NE	11.8	1525	0.00	---	---	---
Orland Buttes-Hill	96.7	69.4	81.7	47.1	31	5.7	S	14.7	1827	---	---	---	---
# Orland Buttes-Shop+	98.0	58.8	76.7	51.1	48	0.9	SE	9.6	1700	0.00	0.00	---	0.18
Orland Buttes-SE+	98.5	61.3	77.9	52.4	47	0.5	ENE	8.1	1139	---	---	---	---
Orland East	96.6	58.4	75.7	58.6	61	1.7	S	9.9	1721	---	---	---	---
Hamilton City South	99.8	54.2	75.2	59.0	66	0.2	W	5.1	1153	0.00	0.00	---	---
Ord Bend NE (R29)	100.9	57.9	76.2	61.2	66	1.8	WSW	10.9	1614	0.00	0.00	---	---
Artois	96.7	58.8	76.9	55.9	55	2.5	SE	13.2	1537	0.00	0.00	---	---
Artois South	97.4	58.5	75.6	58.4	62	1.9	SE	8.0	1422	---	---	423	0.15
Willows-CalPlant I	92.9	61.7	76.8	---	---	4.6	S	12.7	1650	0.00	0.00	---	---
Codora	90.7	59.7	74.9	---	62	2.3	SE	8.3	2154	---	---	---	---
Maxwell West	95.2	56.0	73.9	59.6	65	1.8	ESE	7.5	1414	0.00	0.00	498	0.17
Maxwell SW-Canal+	92.0	58.0	75.4	51.6	47	1.4	ESE	8.8	1231	---	---	---	---
Arbuckle-NE	97.7	55.7	75.5	47.1	44	2.7	--	9.6	2327	0.00	0.00	601	0.22
Arbuckle South-NSL	94.9	55.5	75.3	48.7	47	2.9	SE	11.7	1628	0.00	0.00	561	0.21
Kirkville	96.3	59.8	77.0	49.8	44	4.0	SE	12.7	2053	---	---	---	---
<i>Knights Landing not available</i>													
Dunnigan Hills-Jones	95.6	49.0	71.5	48.5	54	0.0	W	4.6	456	0.00	0.00	579	0.17
Dunnigan Hills-South	95.7	49.2	71.4	51.9	58	2.5	ESE	12.3	2149	0.00	0.00	680	0.24
Dunnigan Hills-East	93.5	51.2	70.1	54.4	64	4.0	SSW	13.0	1733	0.00	0.00	-7999	####
Esparto North+	96.5	53.4	74.2	49.9	50	0.8	NNW	10.5	906	0.00	0.00	577	0.19
Esparto	96.5	53.4	74.2	50.2	50	3.9	SE	12.7	1703	---	---	---	---
Capay Valley+	97.4	55.8	76.3	50.2	46	---	--	---	---	0.00	0.00	---	---
# Woodland East	91.8	51.7	68.9	54.4	66	4.9	SSE	13.2	1658	0.00	0.00	---	---
Plainfield	92.5	50.9	70.8	51.3	55	3.1	SSE	12.3	1621	0.00	0.00	574	0.21
Dixon West+	87.9	52.3	68.3	51.6	60	3.5	SE	14.7	1528	0.00	0.00	598	0.22
Buttes & Foothills													
# Sutter Buttes	84.4	71.4	78.6	---	---	11.4	SE	27.9	205	---	---	---	---

Excluded from valley average temp as well as extreme max & min temps (for various reasons)

Note: Summary data from Sacramento Valley weather station network is from midnight to midnight, airports summarize data at 4pm yesterday