



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
Pacific Region • P.O. Box 1258 • Sacramento, CA 95812 • (916) 738-6600 • (855) 270-2722 FAX • www.nass.usda.gov/ca

WEEK ENDING: September 4, 2022
RELEASED: September 6, 2022

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 36 to 73 in the mountains, 46 to 80 along the coast, 56 to 89 in the desert, and 58 to 80 in the Central Valley. Average highs for the state ranged from 60 to 111 along the coast, 81 to 98 in the mountains, 84 to 110 in the Central Valley, and 99 to 115 in the desert.

FIELD CROPS

In the Sacramento Valley, high temperatures helped accelerate the **rice** crop maturity. **Sunflower** harvest began. In the San Joaquin Valley, **cotton** development continued with the hot and dry conditions. No defoliation activities were performed, but producers prepared equipment for harvest. In Tulare County, **alfalfa** was being dried and baled. **Sudan** grass was being cut, dried, and baled. Some **corn** was still being irrigated while other fields have been green chopped for silage. Silage fields that had been harvested were being fertilized and prepped for winter crops. **Dry Bean** fields were being treated for weeds and insect pests.

FRUIT CROPS

Peach, prune, and plum harvests remained steady. Wine **grape** harvest began while table grape harvest continued. **Persimmons, kiwifruits, pomegranates, and lemons** continued to develop. **Pear** harvest began. Valencia **oranges** were picked. **Mandarin** blocks continued to be thinned of excess fruit. Some citrus groves were hedge rowed. **Quince** harvest began in Tulare County. **Olive** groves were prepped for harvest. Some fields were prepped and plowed in preparation for berry planting season.

NUT CROPS

Almond harvest was well underway. Weed spraying and irrigation continued where necessary. **Walnut** maturity was progressing as harvest neared. **Pistachio** harvest was off to a good start in some areas and is expected to begin in other areas in the next few weeks.

VEGETABLE CROPS

In the Sacramento Valley, harvest of processing tomatoes and organic cherry tomatoes continued. Fall harvest of **squash** began. In San Mateo County, **leeks, eggplant, tomatoes, and peppers** were harvested. Stanislaus County tomato harvest continued, while sweet **potatoes** neared harvest. In Tulare County, harvest of **onions, squash, zucchini** and eggplant continued.

LIVESTOCK

Rangeland and non-irrigated pasture were in poor condition. Irrigated range remained in good to excellent condition. Cattle supplemental feeding continued to compensate for poor quality range. Range water troughs were filled to mitigate stress of the extreme summer heat. Some cattle were moved to better forage and some herds were reduced.

NOTICE: USDA NASS has changed the base temperature used to calculate growing degree days (found in the table below) from 60 °F to 50 °F.

CALIFORNIA CROP WEATHER – WEEK ENDING SEPTEMBER 4, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Sep 4, 2022	Departure from Normal ⁵	High	Low	This Year	Normal Year ⁵	This Season	This Week	This Season	Normal Season ⁵	Normal Year ⁵
					Jan 1 - Sep 4, 2022	Jan 1 - Sep 4, 2022	Oct 1 - Sep 4, 2022	Week Ending Sep 4, 2022	Oct 1 - Sep 4, 2022	Oct 1 - Sep 4	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	58	0	68	50	1,078	933	122	0.02	26.42	39.77	40.61
Ukiah	77	5	105	51	3,238	2,943	66	0.00	19.58	34.68	35.07
Santa Rosa	70	2	102	46	2,682	2,384	60	0.00	26.19	33.65	34.00
Napa State Hospital	69	2	99	51	2,447	2,277	49	0.00	18.01	20.16	20.36
Central Coast											
San Francisco	66	1	88	55	2,477	2,285	45	0.00	18.19	19.57	19.77
San Jose	73	3	96	59	3,235	2,910	33	0.00	7.31	13.41	13.58
Salinas	NA	NA	NA	NA	NA	2,148	NA	NA	NA	12.53	12.66
Monterey	61	-2	74	52	2,287	1,927	41	0.00	10.70	16.17	16.36
Paso Robles	80	7	111	50	3,603	2,962	24	0.00	8.72	12.09	12.24
Sacramento Valley											
Redding	85	7	109	62	4,607	4,027	60	0.00	18.86	33.11	33.70
Red Bluff	84	6	108	61	4,533	3,942	47	0.00	12.66	22.94	23.25
Orland	NA	NA	NA	NA	NA	3,677	NA	NA	NA	21.16	21.52
Oroville	84	7	107	63	4,528	3,891	50	0.00	17.37	25.52	25.84
Marysville	82	7	107	58	4,085	3,629	42	0.00	8.49	19.96	20.21
Sacramento	83	9	107	60	4,023	3,394	43	0.00	14.03	17.88	18.10
San Joaquin Valley											
Stockton	82	6	105	61	4,066	3,779	36	0.00	9.81	13.37	13.53
Modesto	82	6	102	61	4,067	3,848	34	0.00	9.01	12.21	12.34
Merced Macready	84	8	107	61	4,241	3,712	28	0.00	7.45	11.75	11.87
Madera	84	6	109	61	4,118	3,918	23	0.00	2.66	10.76	10.86
Fresno	89	9	110	69	5,047	4,375	25	0.00	6.35	10.94	11.05
Lemoore	86	9	109	66	4,480	3,920	20	0.00	4.03	7.15	7.23
Visalia	79	2	106	59	4,530	3,909	29	0.00	7.45	10.25	10.37
Bakersfield	89	8	106	72	5,090	4,641	21	0.00	5.42	6.31	6.40
Cascade Sierra											
Alturas	70	8	98	36	1,696	1,547	67	0.00	7.57	11.37	11.72
Mount Shasta	72	7	98	47	2,164	1,730	83	0.00	20.26	37.14	37.86
Blue Canyon	79	11	90	68	2,264	1,837	67	0.00	65.37	61.88	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,318	NA	NA	NA	39.80	40.65
South Coast											
Santa Maria	67	2	94	51	2,231	2,249	25	0.00	7.81	13.26	13.42
Santa Barbara	71	5	97	52	2,771	2,474	26	0.00	10.54	17.18	17.38
Oxnard	70	3	92	57	2,819	2,844	25	0.00	11.65	12.86	13.05
Riverside	89	10	109	65	4,964	4,298	24	0.00	4.88	9.29	9.48
Los Angeles	78	7	98	66	3,805	3,431	27	0.00	10.19	12.13	12.33
San Diego	79	6	93	69	3,557	3,744	28	0.00	6.10	9.68	9.87
Southeast Interior											
Bishop	81	8	106	56	3,473	3,115	17	0.00	5.65	4.74	4.87
Daggett	95	9	112	76	5,794	5,254	14	0.00	1.78	3.63	3.80
Lancaster	88	9	112	64	4,533	3,888	17	0.15	4.25	6.70	6.86
Thermal	95	6	115	74	6,611	6,268	7	0.00	0.20	2.69	2.98
Blythe	97	4	115	81	7,081	6,768	12	0.09	2.65	3.29	3.58
Imperial	97	5	114	80	6,803	6,507	2	0.00	0.06	2.23	2.39

¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report. Additionally, degree days were previously calculated using a base of 60 degrees. The base temperature was changed to 50 degrees in the April 4, 2022 report.

² Total number of days with precipitation events this season.

³ Rain or melted snow/ice.

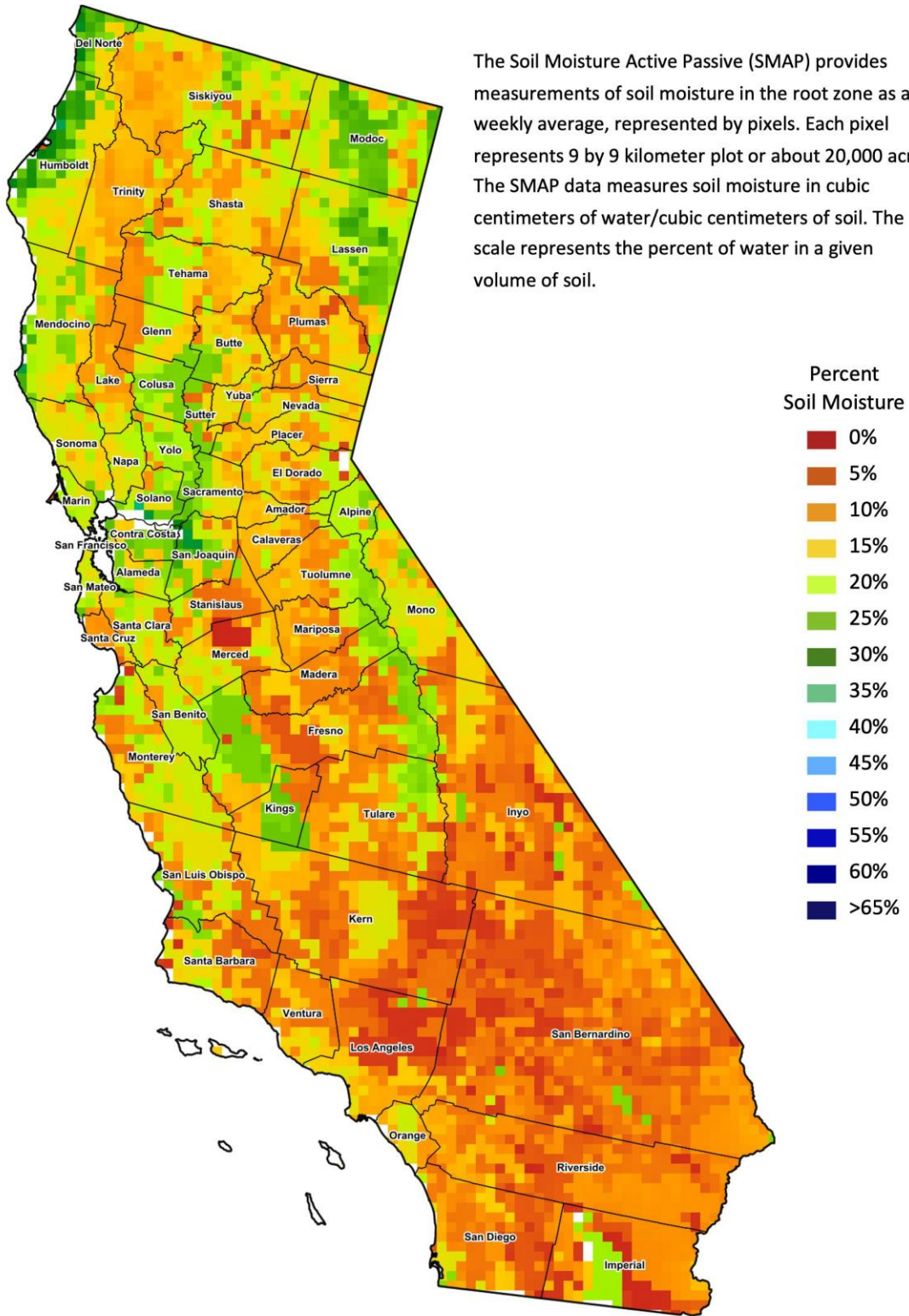
⁴ Normal periods 1990-2020 used in departure from normal calculations.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.
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Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	September 5, 2022			This Date Last Year	
		Storage	Percent of Capacity	Percent of Average	Storage	Percent of Capacity
		<i>Acre Feet</i>	<i>Percent</i>	<i>Percent</i>	<i>Acre Feet</i>	<i>Percent</i>
Shasta Lake	4,547,300	1,571,811	35	58	1,194,782	26
Lake Oroville	3,537,400	1,297,247	37	64	795,845	22
Trinity Lake	2,443,800	595,782	24	37	831,523	34
New Melones Reservoir	2,413,000	635,708	26	46	892,160	37
San Luis Reservoir	2,057,200	557,913	27	70	265,343	13
Don Pedro Reservoir	4,547,300	1,106,326	54	76	1,061,160	52

Source: cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO



Drought Conditions from the U.S. Drought Monitor

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	0.00	0.24	2.24	57.35	23.61	16.57	354
Last Week	0.00	0.24	2.24	54.36	26.59	16.57	357
3 Months Ago	0.00	0.14	2.30	37.75	48.22	11.59	369
One Year Ago	0.00	0.00	4.44	7.19	40.98	47.40	431

The U.S. Drought Monitor is jointly produced by the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration. droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA