



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
Pacific Region • 650 Capitol Mall, Suite 6-100 • Sacramento, CA 95814 • (916) 738-6600 • (855) 270-2722 FAX •
www.nass.usda.gov/ca

WEEK ENDING: August 13, 2023
RELEASED: August 14, 2023

FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 31 to 64 in the mountains, 50 to 70 along the coast, 52 to 87 in the desert, and 57 to 81 in the Central Valley. Average high temperatures for the state ranged from 47 to 98 in the mountains, 63 to 102 along the coast, 87 to 113 in the desert, and 87 to 112 in the Central Valley.

FIELD CROPS

High temperatures increased the need for irrigation. In some areas of the Central Valley, hay crops were damaged by monsoon rains. In the Sacramento Valley, **rice** development continued. **Alfalfa** was cut and baled. In Stanislaus County, silage **corn** was harvested and sprayed for weeds. Alfalfa was harvested for silage and dried for hay. **Sorghum** and **sudan grass** were sprayed for weeds. In the San Joaquin Valley, **cotton** bolls were setting and bloom continued. In Tulare County, harvested grain fields were planted with summer silage crops such as corn and sorghum. Corn for silage was chopped. Alfalfa was cut, raked, and baled. Cotton continued to develop.

FRUIT CROPS

Grapes were in many stages of development. Crews thinned vineyards to allow for additional sunlight exposure, better bunch formation, and improved color. Table **grape** harvest continued. Wine grape vineyards were sprayed for weeds. Cherry orchards were pruned. Stone fruit harvest continued. Some growers placed reflective tarps on orchard floors to improve color in developing fruit. **Kiwifruit** vineyards continued leafing out and were tied and irrigated. **Apples, pears, pomegranates,** and **persimmons** continued to develop. Some apples and pears were harvested. **Olive** trees were trimmed. **Blueberries** were harvested. Some older blueberry fields were replaced with newer varieties. Valencia and Navel **oranges, lemons, grapefruit,** and **mandarins** were picked and packed. Some orange trees were topped and skirted.

NUT CROPS

Almond harvest began with orchard floors being cleaned and trees being shaken. **Walnuts, pistachios,** and **pecans** continued to mature. Walnut orchards were sprayed for weeds.

VEGETABLE CROPS

Celery, onion, and **garlic** harvests continued. **Brussel sprout, bell pepper,** and **tomato** harvests began along the Central Coast. **Broccoli, cauliflower,** and **lettuce** harvests continued. **Sweet corn** and **snap bean** harvests continued in the Sacramento Valley. In Stanislaus County, **sweet potato** harvest began. **Cantaloupe, honeydew, watermelon,** and processing tomato harvests continued. In Tulare County, growers continued to sell summer vegetables such as sweet corn, **squash, cucumbers, peppers,** and **tomatoes.** **Carrot** harvest continued in Kern County. In the Imperial Valley, cantaloupe planting began.

LIVESTOCK

Foothill rangeland and non-irrigated pasture were reported to be in good to fair condition. Irrigated pasture remained in good to excellent condition. Cattle grazed primarily on low and mid-elevation range. Bees were active in squash, melon, and sunflower fields. Sheep grazed on fallow fields and retired farmland.

CALIFORNIA CROP WEATHER – WEEK ENDING AUGUST 13, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS ¹ AT 50 °F BASE ²		RAIN DAYS ³	PRECIPITATION ⁴			
	Average for Week Ending Aug 13, 2023	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 - Aug 13, 2023	Jan 1 - Aug 13, 2023	Oct 1 - Aug 13, 2023	Week Ending Aug 13, 2023	Oct 1 - Aug 13, 2023	Oct 1 - Aug 13	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	61	2	70	54	783	736	123	0.01	39.63	39.60	40.61
Ukiah	78	3	102	56	2,525	2,423	83	0.00	38.73	34.63	35.07
Santa Rosa	70	2	96	55	1,935	1,972	77	0.00	42.45	33.61	34.00
Napa State Hospital	69	2	88	58	1,862	1,885	71	0.00	29.54	20.15	20.36
Central Coast											
San Francisco	68	3	81	57	1,826	1,938	73	0.00	31.40	19.54	19.77
San Jose	74	4	93	57	2,240	2,452	66	0.00	15.32	13.38	13.58
Salinas	NA	NA	NA	NA	NA	1,822	NA	NA	NA	12.51	12.66
Monterey	63	1	76	51	1,180	1,641	65	0.00	23.81	16.16	16.36
Paso Robles	73	-1	99	50	2,376	2,442	64	0.00	20.92	12.09	12.24
Sacramento Valley											
Redding	85	3	112	63	3,473	3,364	77	0.00	39.29	32.98	33.70
Red Bluff	84	3	106	63	3,367	3,296	73	0.00	27.06	22.90	23.25
Orland	NA	NA	NA	NA	NA	3,086	NA	NA	NA	21.11	21.52
Oroville	82	2	104	65	3,308	3,269	71	0.00	26.72	25.49	25.84
Marysville	80	2	104	61	2,996	3,043	58	0.00	22.76	19.93	20.21
Sacramento	79	3	103	61	3,008	2,837	63	0.00	24.66	17.83	18.10
San Joaquin Valley											
Stockton	80	2	103	59	2,904	3,178	60	0.00	23.23	13.36	13.53
Modesto	79	1	100	59	2,870	3,243	65	0.00	20.18	12.20	12.34
Merced Macready	79	1	103	60	3,024	3,106	54	0.00	19.40	11.75	11.87
Madera	80	1	104	57	3,121	3,283	51	0.00	11.11	10.76	10.86
Fresno	84	1	104	66	3,644	3,677	47	0.00	16.35	10.94	11.05
Lemoore	NA	NA	NA	NA	NA	3,294	NA	NA	NA	7.15	7.23
Visalia	83	3	100	67	3,415	3,280	54	0.00	15.60	10.25	10.37
Bakersfield	85	1	104	67	3,730	3,916	51	0.00	9.37	6.31	6.40
Cascade Sierra											
Alturas	68	1	95	43	1,386	1,229	96	0.00	16.22	11.17	11.72
Mount Shasta	71	3	98	48	1,808	1,366	101	0.00	45.05	37.01	37.86
Blue Canyon	70	0	83	59	1,579	1,411	100	0.00	90.47	61.72	62.80
Yosemite Valley	NA	NA	NA	NA	NA	1,826	NA	NA	NA	39.75	40.65
South Coast											
Santa Maria	64	0	76	50	1,433	1,919	57	0.22	24.06	13.24	13.42
Santa Barbara	69	3	77	61	2,098	2,108	52	0.17	28.83	17.17	17.38
Oxnard	70	3	75	64	1,957	2,466	53	0.00	22.14	12.84	13.05
Riverside	79	-1	100	62	3,137	3,639	53	0.03	13.41	9.27	9.48
Los Angeles	71	0	79	64	2,450	2,960	56	0.00	23.85	12.12	12.33
San Diego	73	1	83	64	2,711	3,238	57	0.00	13.88	9.67	9.87
Southeast Interior											
Bishop	75	-2	101	52	2,453	2,565	40	0.15	14.68	4.69	4.87
Daggett	87	-2	106	72	4,198	4,423	23	0.03	2.78	3.49	3.80
Lancaster	80	-2	99	63	3,148	3,217	30	0.00	7.04	6.68	6.86
Thermal	NA	NA	NA	NA	NA	5,385	NA	NA	NA	2.55	2.98
Blythe	97	2	113	83	5,544	5,794	18	0.00	2.03	3.00	3.58
Imperial	94	0	112	78	5,301	5,555	11	0.00	0.84	2.11	2.39

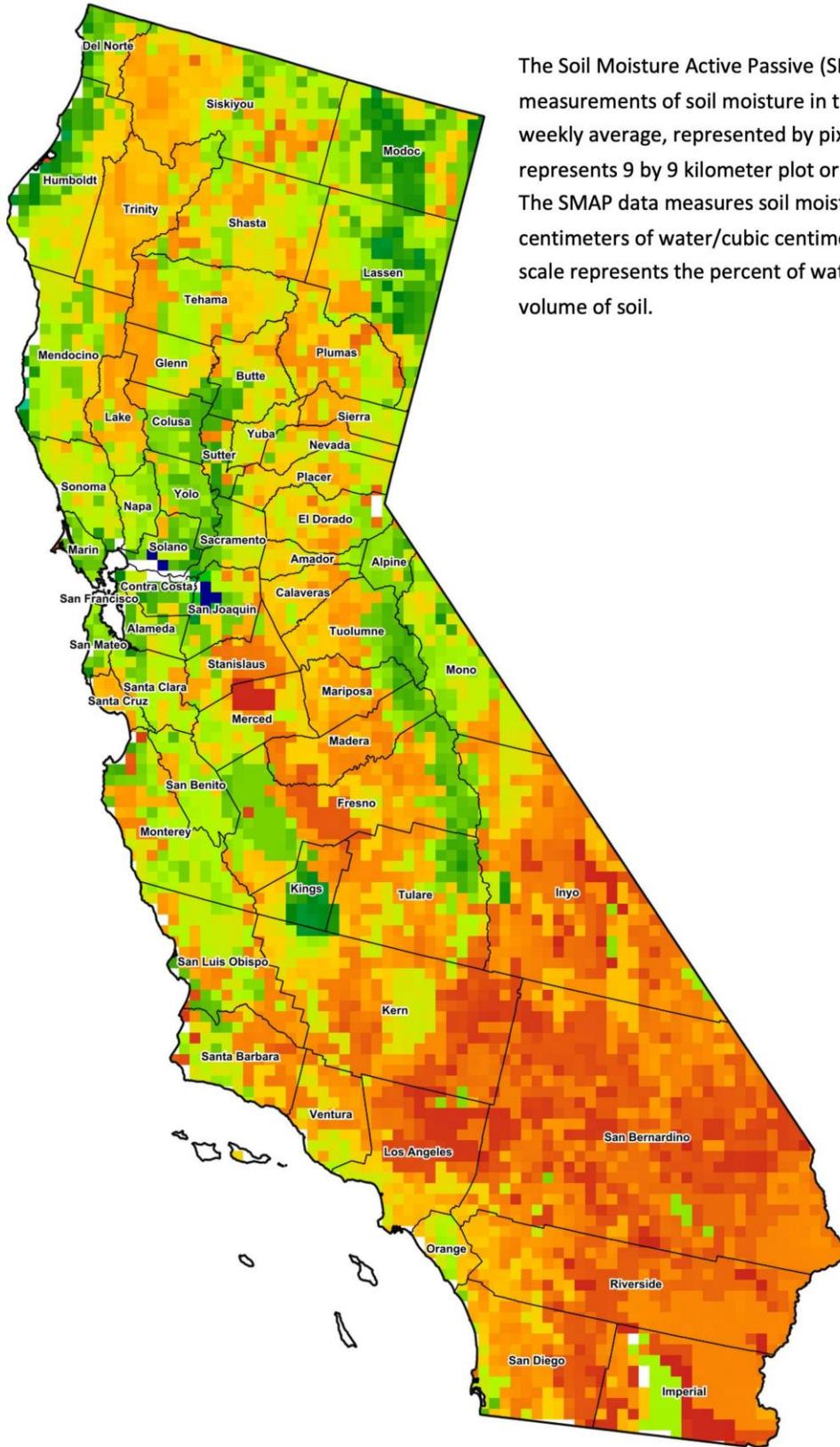
¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.
² Previously calculated with 60 degree base. This calculation was changed for the 2022 and later seasons.
³ Total number of days with precipitation events this season.
⁴ Rain or melted snow/ice.
⁵ 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	August 13, 2023			This Date Last Year	
		Storage	Percent of Capacity	Percent of Average	Storage	Percent of Capacity
	<i>Acre Feet</i>	<i>Acre Feet</i>	<i>Percent</i>	<i>Percent</i>	<i>Acre Feet</i>	<i>Percent</i>
Shasta Lake	4,547,300	3,722,696	82	126	1,642,498	36
Lake Oroville	3,537,400	3,059,172	86	137	1,384,258	39
Trinity Lake	2,443,800	1,382,281	56	82	641,413	26
New Melones Reservoir	2,413,000	1,983,790	83	140	679,413	28
San Luis Reservoir	2,057,200	1,788,420	88	214	607,492	30
Don Pedro Reservoir	4,547,300	1,896,191	93	123	1,165,587	57

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



The Soil Moisture Active Passive (SMAP) provides measurements of soil moisture in the root zone as a weekly average, represented by pixels. Each pixel represents 9 by 9 kilometer plot or about 20,000 acres. The SMAP data measures soil moisture in cubic centimeters of water/cubic centimeters of soil. The scale represents the percent of water in a given volume of soil.



Drought Conditions from the U.S. Drought Monitor as of 08/08/2023

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	74.55	18.18	7.28	0.00	0.00	0.00	33
Last Week	74.43	19.05	6.52	0.00	0.00	0.00	32
3 Months Ago	68.02	26.03	5.95	0.00	0.00	0.00	38
One Year Ago	0.00	0.23	2.25	51.71	29.28	16.53	360

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