



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: August 18, 2024**  
**RELEASED: August 19, 2024**

**FREQUENCY: Weekly**  
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## WEATHER

Average low temperatures for California ranged from 32 to 59 in the mountains, 48 to 72 along the coast, 51 to 85 in the desert, and 58 to 73 in the Central Valley. Average high temperatures for the state ranged from 62 to 88 in the mountains, 65 to 99 along the coast, 89 to 105 in the Central Valley, and 96 to 112 in the desert.

## FIELD CROPS

In the Sacramento Valley, sunflower and **safflower** fields dried down. Rice fields continued to develop. In the San Joaquin Valley, **cotton** squaring and boll set progressed. **Corn** and **alfalfa** fields were greenchopped and delivered to dairies. In Tulare County, corn fields were chopped. Cotton fields were flowering and bolls were forming. Alfalfa was cut, dried, and baled. **Dry beans** continued to grow with many plants producing pods.

## FRUIT CROPS

Stone fruit and citrus orchards were fertilized and sprayed with fungicides, herbicides, and insecticides; pruning and shredding continued. Irrigation continued in stone fruit orchards. Smoke from the Park Fire continued to settle in the Sacramento Valley. **Peach, plum, pluot, and nectarine** harvests were in full swing. **Prunes** were harvested and sent to the dehydrators. **Fig** harvest continued. **Persimmons** were maturing as growers placed scaffold supports in orchards. **Pomegranates** and Asian **pears** continued to develop. Bartlett pear harvest continued in the Sacramento Delta region. **Grape** harvest continued in the Coachella and Central Valleys. Some late variety grapes were covered with plastic sheeting to protect from the rain. **Kiwi** continued to develop as canopies were tended to and tied. Valencia **orange, grapefruit, and lemon** harvests continued. **Avocado** harvest was winding down. Fruit thinning continued in **mandarin** groves. Citrus groves were sprayed with whitewash to prevent sunburn. Harvested citrus orchards were pruned, topped, and fertilized. **Olives** continued to develop as growers prepared for harvest. **Raspberry, blackberry, and strawberry** harvests continued along the Central Coast.

## NUT CROPS

**Almond** harvest continued. Orchard floors were cleaned, and trees were shaken. Nut development continued in **pistachio, pecan, and walnut** orchards. Pistachio clusters gained size as orchards were swept and cleared of debris before harvest. Pecan harvest began. Walnuts neared full shell size. Insecticides were applied in walnut orchards.

## VEGETABLE CROPS

Across California, processing **tomatoes** continued to be harvested and sent to canneries. Cherry and heirloom tomatoes, and organic **watermelon** were harvested in the Capay Valley. **Squash** continued to develop. Melons and **onions** were harvested in the San Joaquin Valley. In the Central Valley, **cucumbers, watermelon, cantaloupe, honeydew, sweet corn, zucchini, tomatillos, okra, eggplant, squash, garlic, bell peppers** and onions were harvested and sold at local stands. Along the Central Coast, **broccoli, bell peppers, brussel sprouts, cauliflower, celery, kale, garlic, squash, and lettuce** continued to be harvested. In the Imperial Valley, bell peppers and **chili peppers** were harvested.

## LIVESTOCK

Rangeland and non-irrigated pasture were reported to be in poor to fair condition. Irrigated pasture remained in good to excellent condition. Sheep grazed on fallow fields and retired farmland. Bees were active in melon and squash fields. Supplemental feeding of cattle continued. Some cattle grazed upper elevation and foothill range due to forage quality decline on lower elevation range. Heat mitigation measures including fans and sprinklers were used to reduce heat stress at some San Joaquin Valley dairies.

**CALIFORNIA CROP WEATHER – WEEK ENDING August 18, 2024**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS <sup>1</sup>	PRECIPITATION <sup>2</sup>			
	Average for Week Ending Aug 18, 2024	Departure from Normal <sup>3</sup>	High	Low	This Year	Normal Year <sup>3</sup>	This Season	This Week	This Season	Normal Season <sup>3</sup>	Normal Year <sup>3</sup>
					Jan 1 - Aug 18, 2024	Jan 1 - Aug 18, 2024	Oct 1 - Aug 18, 2024	Week Ending Aug 18, 2024	Oct 1 - Aug 18, 2024	Oct 1 - Aug 18, 2024	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
<b>North Coast</b>											
Eureka WFO	60	1	69	49	NA	NA	NA	0.00	NA	NA	40.61
Ukiah	74	0	92	56	NA	NA	NA	0.00	NA	NA	35.07
Santa Rosa	72	4	96	48	NA	NA	NA	0.00	NA	NA	34.00
Napa State Hospital	67	0	82	51	NA	NA	NA	0.00	NA	NA	20.36
<b>Central Coast</b>											
San Francisco	61	-4	72	51	NA	NA	NA	0.00	NA	NA	19.77
San Jose	72	2	86	59	NA	NA	NA	0.00	NA	NA	13.58
Salinas	64	0	73	55	NA	NA	NA	0.00	NA	NA	12.66
Monterey	62	-1	70	54	NA	NA	NA	0.00	NA	NA	16.36
Paso Robles	74	0	97	51	NA	NA	NA	0.00	NA	NA	12.24
<b>Sacramento Valley</b>											
Redding	81	0	97	65	NA	NA	NA	0.00	NA	NA	33.70
Red Bluff	80	0	96	62	NA	NA	NA	0.00	NA	NA	23.25
Orland	78	1	93	60	NA	NA	NA	0.00	NA	NA	21.52
Oroville	79	0	96	61	NA	NA	NA	0.00	NA	NA	25.84
Marysville	77	0	96	58	NA	NA	NA	0.00	NA	NA	20.21
Sacramento	78	3	97	58	NA	NA	NA	0.00	NA	NA	18.10
<b>San Joaquin Valley</b>											
Stockton	77	0	96	60	NA	NA	NA	0.00	NA	NA	13.53
Modesto	79	1	96	62	NA	NA	NA	0.00	NA	NA	12.34
Merced	79	1	98	59	NA	NA	NA	0.00	NA	NA	11.87
Madera	79	0	100	58	NA	NA	NA	0.00	NA	NA	10.86
Fresno	83	1	99	67	NA	NA	NA	0.00	NA	NA	11.05
Lemoore	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.23
Visalia	83	4	101	66	NA	NA	NA	0.00	NA	NA	10.37
Bakersfield	84	0	101	68	NA	NA	NA	0.00	NA	NA	6.40
<b>Cascade Sierra</b>											
Alturas	64	-2	86	42	NA	NA	NA	0.00	NA	NA	11.72
Mount Shasta	67	-1	88	49	NA	NA	NA	0.00	NA	NA	37.86
Blue Canyon	67	-3	76	58	NA	NA	NA	0.00	NA	NA	62.80
Yosemite Valley	66	-7	76	56	NA	NA	NA	0.00	NA	NA	40.65
<b>South Coast</b>											
Santa Maria	63	-1	77	50	NA	NA	NA	0.00	NA	NA	13.42
Santa Barbara	67	1	78	55	NA	NA	NA	0.00	NA	NA	17.38
Oxnard	69	2	79	60	NA	NA	NA	0.00	NA	NA	13.05
Riverside	82	2	99	65	NA	NA	NA	0.00	NA	NA	9.48
Los Angeles	72	1	82	65	NA	NA	NA	0.00	NA	NA	12.33
San Diego	74	2	83	68	NA	NA	NA	0.00	NA	NA	9.87
<b>Southeast Interior</b>											
Bishop	78	2	100	51	NA	NA	NA	0.00	NA	NA	4.87
Daggett	89	0	106	69	NA	NA	NA	0.00	NA	NA	3.80
Lancaster	82	0	99	60	NA	NA	NA	0.00	NA	NA	6.86
Thermal	91	0	110	69	NA	NA	NA	0.00	NA	NA	2.98
Blythe	97	2	112	81	NA	NA	NA	0.00	NA	NA	3.58
Imperial	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.39

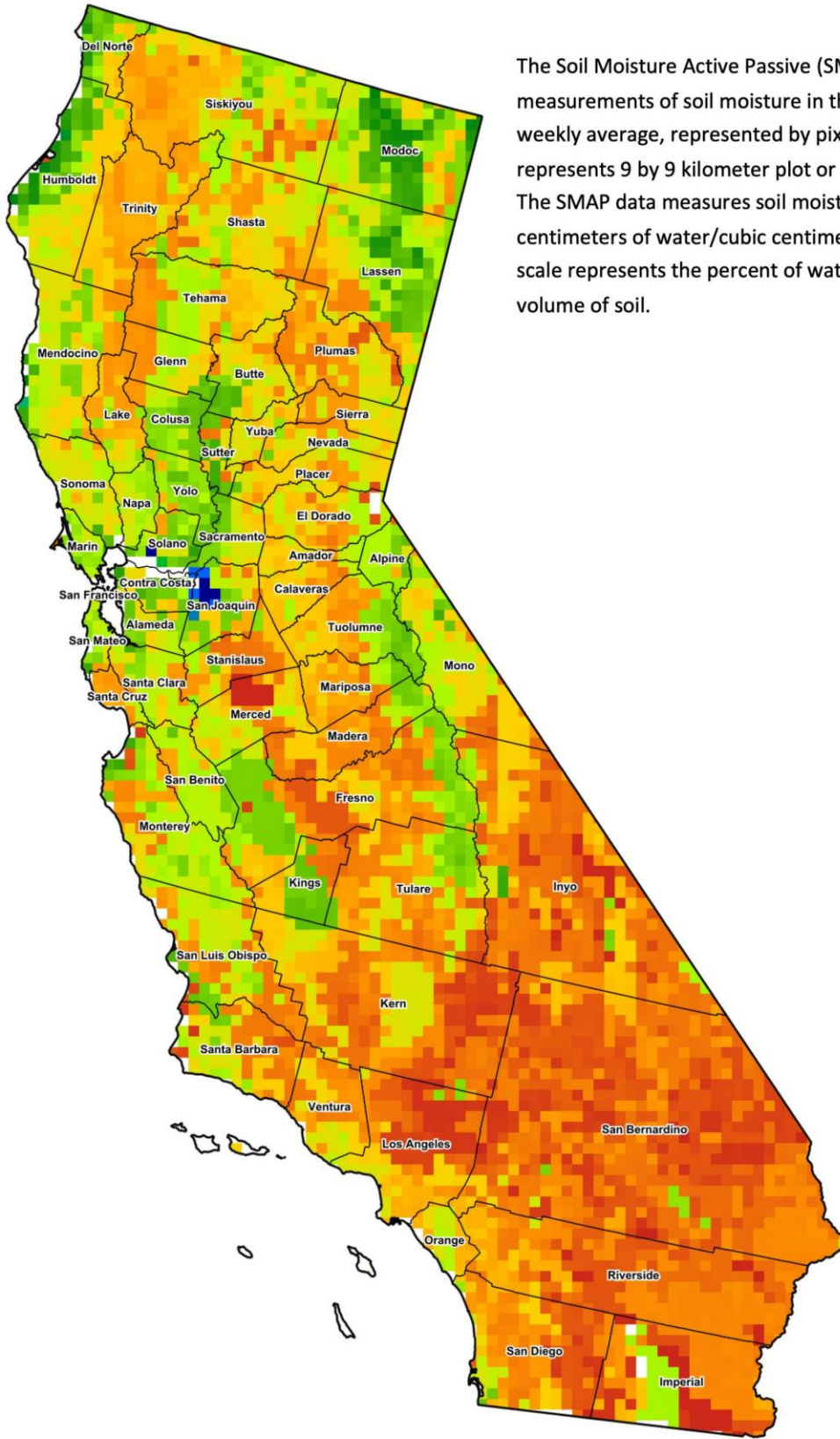
<sup>1</sup> Total number of days with precipitation events this season.  
<sup>2</sup> Rain or melted snow/ice.  
<sup>3</sup> Normal periods 1990-2020 used in departure from normal calculations.  
 (NA) Not available at time of publication.

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	Aug 18, 2024			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	3,172,536	70	110	3,662,741	80
Lake Oroville	3,537,400	2,477,919	70	113	3,008,469	85
Trinity Lake	2,443,800	1,867,889	76	112	1,372,761	56
New Melones Reservoir	2,413,000	1,892,598	79	135	1,965,672	82
San Luis Reservoir	2,057,200	892,016	44	109	1,763,059	86
Don Pedro Reservoir	2,030,000	1,669,000	82	110	1,860,800	92

Source: [cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO](https://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 8/13/2024**

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	77.29	17.40	5.32	0.00	0.00	0.00	28
Last Week	77.26	17.43	5.32	0.00	0.00	0.00	28
3 Months Ago	98.77	1.23	0.00	0.00	0.00	0.00	1
One Year Ago	74.56	18.17	7.27	0.00	0.00	0.00	33

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](http://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA)