



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: October 01, 2023**  
**RELEASED: October 02, 2023**

**FREQUENCY: Weekly**  
**VOL. 44 NO. 27**

## WEATHER

Average low temperatures for California ranged from 28 to 54 in the mountains, 44 to 65 along the coast, 44 to 76 in the desert, and 50 to 62 in the Central Valley. Average high temperatures for the state ranged from 49 to 87 in the mountains, 61 to 93 along the coast, 65 to 103 in the desert, and 67 to 88 in the Central Valley.

## FIELD CROPS

Across the state, **corn** was maturing and chopped for silage. **Alfalfa** was harvested for hay and silage. Harvested fields were fertilized and disced in preparation for winter crops. In the Sacramento Valley, **rice** harvest continued. In the San Joaquin Valley, **cotton** fields had significant insect pressure. Cotton fields were being prepared for defoliation and producers prepared equipment for harvest. **Dry bean** fields were being cut, windrowed, and harvested.

## FRUIT CROPS

Table **grape** and wine grape harvests continued. **Peach**, **pluot**, and **plum** harvests were winding down and **nectarine** harvest was completed. **Prunes**, **figs**, **apples**, **pears**, **pomegranates**, and **kiwifruit** were being harvested. **Persimmons** were reaching mature size and starting to show color. **Cherry** and **apricot** orchards were pruned and treated for nematodes. Table **olive** harvest continued. Olive trees for oil were pruned in preparation for harvest. **Strawberries** continued to develop despite poor weather conditions. **Blackberry** and **raspberry** harvests were ongoing. Valencia **oranges** and **grapefruit** were harvested. District 2 **lemon** harvest was winding down. Some orange trees were topped and skirted.

## NUT CROPS

**Almond** harvest continued with orchard floors cleaned and trees shaken. **Pistachio** and **walnut** harvests continued. **Pecans** continued to mature. Almond and walnut orchards were sprayed for pests and weeds.

## VEGETABLE CROPS

Across the Central Valley, processing **pumpkins**, **tomatoes**, **sweet corn**, **melons**, and **winter squash** continued to be harvested. Growers treated tomato fields with fungicides to control mold and pesticides to control armyworm. In the Northern San Joaquin Valley, **sweet potatoes**, **onions**, and **garlic** were harvested. In the Southern San Joaquin Valley, **garlic**, **carrots**, **cucumbers**, and **peppers** were being harvested. Along the Central Coast, **squash**, **broccoli**, **cauliflower**, **brussel sprouts**, **celery**, **lettuce**, and peppers were harvested.

## LIVESTOCK

Foothill rangeland and non-irrigated pasture were in poor to fair condition. Irrigated pasture was in good condition. Supplemental feeding was underway in the San Joaquin and Sacramento Valleys. Some cattle were moved to higher elevation range. Fall calving is underway. Sheep grazed retired cropland as well as harvested melon and vegetable fields.

**CALIFORNIA CROP WEATHER – WEEK ENDING OCTOBER 1, 2023**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS <sup>1</sup> AT 50 °F BASE <sup>2</sup>		RAIN DAYS <sup>3</sup>	PRECIPITATION <sup>4</sup>			
	Average for Week Ending Oct 1, 2023	Departure from Normal <sup>5</sup>	High	Low	This Year	Normal Year <sup>5</sup>	This Season	This Week	This Season	Normal Season <sup>5</sup>	Normal Year <sup>5</sup>
					Jan 1 - Oct 1, 2023	Jan 1 - Oct 1, 2023	Oct 1 - Oct 1, 2023	Week Ending Oct 1, 2023	Oct 1 - Oct 1, 2023	Oct 1 - Oct 1	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
<b>North Coast</b>											
Eureka WFO	58	2	69	44	1,258	1,134	0	1.76	0.00	0.04	40.61
Ukiah	63	-4	81	47	3,599	3,478	0	0.20	0.00	0.03	35.07
Santa Rosa	65	0	85	46	2,839	2,836	0	0.17	0.00	0.02	34.00
Napa State Hospital	65	1	85	48	2,753	2,705	0	0.11	0.00	0.01	20.36
<b>Central Coast</b>											
San Francisco	66	1	77	57	2,698	2,713	0	0.03	0.00	0.01	19.77
San Jose	67	-1	82	53	3,308	3,429	0	0.08	0.00	0.01	13.58
Salinas	NA	NA	NA	NA	NA	2,543	NA	NA	NA	0.01	12.66
Monterey	61	-1	72	52	1,854	2,271	0	0.04	0.00	0.01	16.36
Paso Robles	NA	NA	NA	NA	NA	3,501	NA	NA	NA	0.01	12.24
<b>Sacramento Valley</b>											
Redding	68	-4	86	52	4,854	4,706	0	0.06	0.00	0.03	33.70
Red Bluff	68	-4	88	54	4,719	4,626	0	0.42	0.00	0.02	23.25
Orland	NA	NA	NA	NA	NA	4,323	NA	NA	NA	0.02	21.52
Oroville	67	-4	84	52	4,603	4,538	0	1.19	0.00	0.02	25.84
Marysville	67	-3	86	50	4,238	4,241	0	0.22	0.00	0.01	20.21
Sacramento	68	-1	87	55	4,273	3,984	0	0.38	0.00	0.01	18.10
<b>San Joaquin Valley</b>											
Stockton	69	-2	87	52	4,143	4,426	0	0.02	0.00	0.01	13.53
Modesto	67	-4	83	55	4,092	4,492	0	0.03	0.00	0.01	12.34
Merced Macready	68	-2	86	55	4,296	4,344	1	0.04	0.01	0.01	11.87
Madera	67	-4	86	52	4,405	4,583	0	0.04	0.00	0.01	10.86
Fresno	70	-3	86	56	5,090	5,102	0	0.00	0.00	0.01	11.05
Lemoore	70	-1	87	55	4,614	4,579	0	0.06	0.00	0.01	7.23
Visalia	69	-2	85	55	4,770	4,561	0	0.00	0.00	0.01	10.37
Bakersfield	70	-5	85	56	5,199	5,398	1	0.15	0.15	0.00	6.40
<b>Cascade Sierra</b>											
Alturas	50	-4	75	28	1,912	1,769	0	0.38	0.00	0.02	11.72
Mount Shasta	53	-5	69	40	2,500	2,036	0	0.36	0.00	0.03	37.86
Blue Canyon	53	-9	67	42	2,272	2,240	0	0.20	0.00	0.05	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,778	NA	NA	NA	0.05	40.65
<b>South Coast</b>											
Santa Maria	63	-1	85	47	2,189	2,648	0	0.08	0.00	0.01	13.42
Santa Barbara	65	1	79	51	2,999	2,888	0	0.00	0.00	0.01	17.38
Oxnard	64	-2	75	53	2,839	3,301	0	0.00	0.00	0.01	13.05
Riverside	69	-5	93	56	4,447	5,014	0	0.00	0.00	0.00	9.48
Los Angeles	66	-3	75	59	3,435	3,980	0	0.00	0.00	0.01	12.33
San Diego	68	-2	75	62	3,759	4,338	0	0.00	0.00	0.01	9.87
<b>Southeast Interior</b>											
Bishop	NA	NA	NA	NA	NA	3,608	NA	NA	NA	0.01	4.87
Daggett	72	-4	95	51	5,777	6,084	0	0.00	0.00	0.01	3.80
Lancaster	66	-4	91	45	4,382	4,532	0	0.00	0.00	0.00	6.86
Thermal	79	-2	103	58	7,075	7,201	0	0.00	0.00	0.00	2.98
Blythe	81	-2	102	62	7,503	7,783	0	0.00	0.00	0.01	3.58
Imperial	80	-2	102	62	7,170	7,502	0	0.00	0.00	0.01	2.39

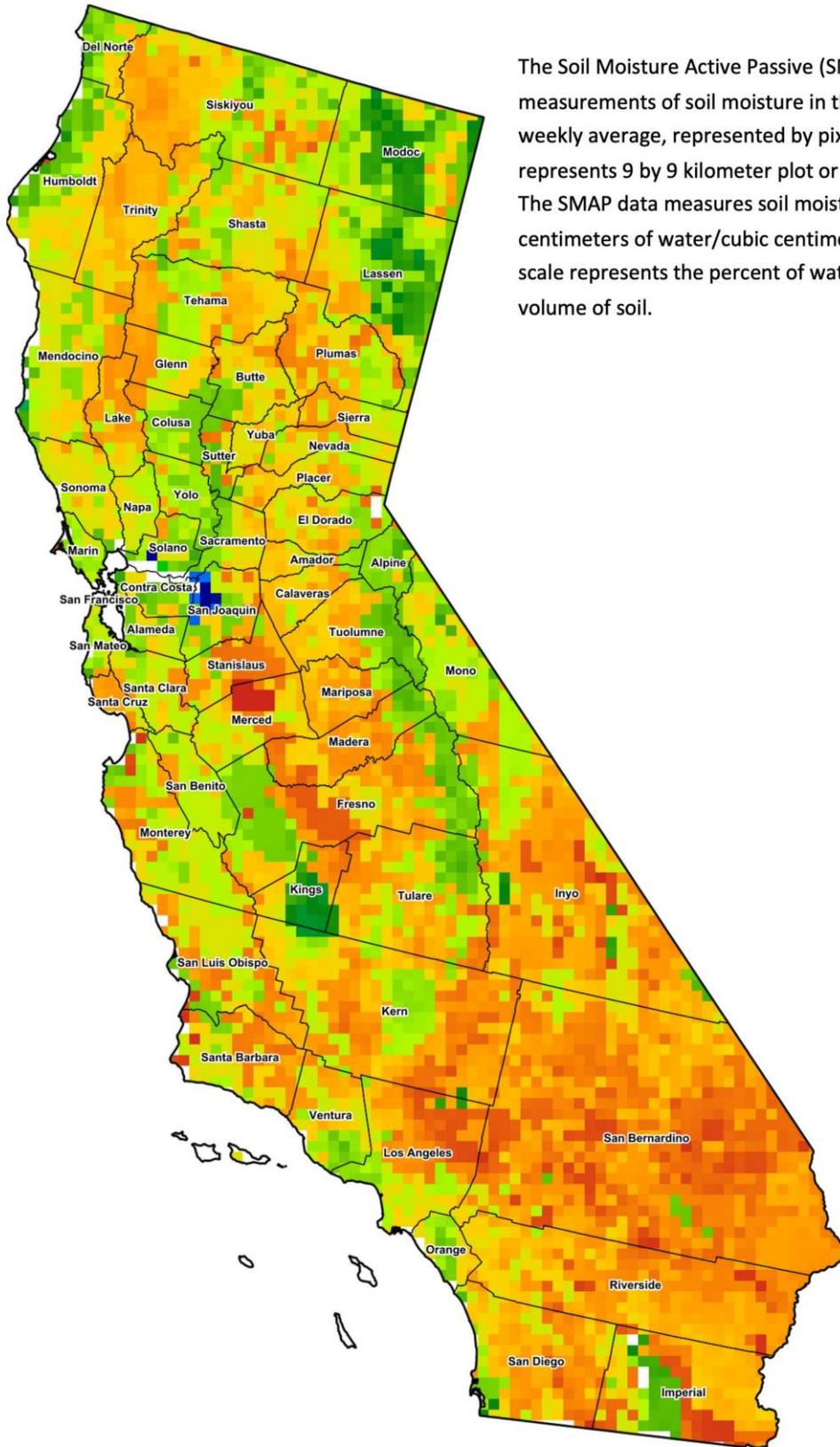
- <sup>1</sup> Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.
- <sup>2</sup> Previously calculated with 60 degree base. This calculation was changed for the 2022 and later seasons.
- <sup>3</sup> Total number of days with precipitation events this season.
- <sup>4</sup> Rain or melted snow/ice.
- <sup>5</sup> 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	October 01, 2023			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	3,324,835	73	131	1,512,814	33
Lake Oroville	3,537,400	2,587,301	73	136	1,228,869	35
Trinity Lake	2,443,800	1,272,819	52	85	552,111	23
New Melones Reservoir	2,413,000	1,897,095	79	142	619,263	26
San Luis Reservoir	2,057,200	1,657,654	81	190	584,949	29
Don Pedro Reservoir	4,547,300	1,712,463	84	123	1,057,190	52

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 09/26/2023**

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	94.01	5.93	0.07	0.00	0.00	0.00	6
Last Week	93.53	6.23	0.24	0.00	0.00	0.00	7
3 Months Ago	71.88	23.49	4.63	0.00	0.00	0.00	33
One Year Ago	0.00	0.24	5.75	53.11	24.34	16.57	351

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)