



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: October 22, 2023
RELEASED: October 23, 2023

FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 30 to 64 in the mountains, 38 to 71 in the desert, 43 to 66 along the coast, and 49 to 64 in the Central Valley. Average high temperatures for the state ranged from 56 to 102 along the coast, 63 to 96 in the Central Valley, 66 to 87 in the mountains, and 77 to 105 in the desert.

FIELD CROPS

Across the state, **corn** continued to mature and was 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**, **dry bean**, and **sunflower** harvests continued. In the Northern San Joaquin Valley, **sudan grass** was harvested and winter **oats** emerged. In the Southern San Joaquin Valley, **cotton** defoliation activities advanced and some producers began harvesting. In Tulare County, dry bean fields were cut and windrowed. Corn and alfalfa silage harvest neared completion. Alfalfa was cut, raked, and baled. Cotton harvest began.

FRUIT CROPS

Table and wine **grape** harvests continued. Some table grapes were put away for the storage season which is expected to be shorter due to the impacts of Hurricane Hilary. **Peach**, **pluot**, **prune**, and **plum** harvests were winding down. **Figs**, **apples**, **pears**, **pomegranates**, and **kiwifruit** were 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. **Strawberry**, **blackberry**, and **raspberry** harvests were ongoing. New citrus plantings continued to develop. Valencia **oranges** and **grapefruit** were harvested. District 2 **lemon** harvest neared completion, and District 3 lemon harvest began.

NUT CROPS

Pistachio and **walnut** harvests continued. **Almond** harvest was winding down. **Pecans** continued to mature. Nematodes were treated in walnuts. Almond and walnut orchards were sprayed for pests and weeds.

VEGETABLE CROPS

Across the Central Valley, **pumpkins**, **tomatoes**, **sweet corn**, **melons**, **bell peppers**, and **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**, **eggplant**, and **garlic** were harvested. **Cantaloupe**, **watermelon**, and **honeydew** harvests were in their last week. In the Southern San Joaquin Valley, garlic, **carrots**, **onions**, **cucumbers**, melons, and **peppers** were harvested. Along the Central Coast, squash, **broccoli**, **cauliflower**, **brussel sprouts**, **celery**, **lettuce**, **kale**, and peppers were harvested. Eggplant harvest began in the Coachella Valley.

LIVESTOCK

Foothill rangeland and non-irrigated pasture remained in poor to fair condition, though much of the state was dampened by rain. Irrigated pasture was in good condition. Supplemental feeding for cattle continued in the San Joaquin and Sacramento Valleys. Some cattle grazed higher elevation range. Fall calving season was ongoing. Sheep grazed retired cropland and harvested vegetable fields. Some bees were moved into the state for overwintering.

CALIFORNIA CROP WEATHER – WEEK ENDING OCTOBER 22, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS ¹ AT 50 °F BASE ²		RAIN DAYS ³	PRECIPITATION ⁴			
	Average for Week Ending Oct 22, 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 - Oct 22, 2023	Jan 1 - Oct 22, 2023	Oct 1 - Oct 22, 2023	Week Ending Oct 22, 2023	Oct 1 - Oct 22, 2023	Oct 1 - Oct 22	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	58	4	69	50	1,416	1,244	7	1.32	2.36	1.40	40.61
Ukiah	66	5	97	48	3,933	3,766	2	0.00	0.14	1.04	35.07
Santa Rosa	65	4	96	45	3,170	3,103	2	0.00	0.07	0.92	34.00
Napa State Hospital	66	6	95	48	3,108	2,959	0	0.00	0.00	0.54	20.36
Central Coast											
San Francisco	68	5	88	56	3,099	3,009	0	0.00	0.00	0.44	19.77
San Jose	70	6	93	55	3,762	3,759	0	0.00	0.00	0.31	13.58
Salinas	NA	NA	NA	NA	NA	2,809	NA	NA	NA	0.35	12.66
Monterey	63	3	85	49	2,156	2,508	0	0.00	0.00	0.52	16.36
Paso Robles	67	6	99	43	3,743	3,788	0	0.00	0.00	0.32	12.24
Sacramento Valley											
Redding	68	4	95	51	5,270	5,062	3	0.13	0.34	1.17	33.70
Red Bluff	69	5	95	52	5,151	4,990	0	0.00	0.00	0.59	23.25
Orland	NA	NA	NA	NA	NA	4,682	NA	NA	NA	0.51	21.52
Oroville	71	7	91	54	5,054	4,894	1	0.00	0.03	0.79	25.84
Marysville	70	7	94	51	4,654	4,581	1	0.00	0.03	0.54	20.21
Sacramento	71	8	93	53	4,709	4,305	1	0.00	0.01	0.47	18.10
San Joaquin Valley											
Stockton	70	6	93	53	4,575	4,790	1	0.19	0.19	0.40	13.53
Modesto	69	5	89	52	4,504	4,851	1	0.42	0.42	0.31	12.34
Merced Macready	70	7	92	52	4,725	4,683	1	0.00	0.01	0.37	11.87
Madera	70	6	92	49	4,832	4,936	1	0.02	0.02	0.24	10.86
Fresno	73	8	92	57	5,582	5,494	0	0.00	0.00	0.32	11.05
Lemoore	71	7	96	52	5,058	4,935	0	0.00	0.00	0.26	7.23
Visalia	71	7	94	54	5,214	4,917	2	0.00	0.08	0.32	10.37
Bakersfield	73	6	94	57	5,696	5,813	1	0.00	0.15	0.15	6.40
Cascade Sierra											
Alturas	54	8	83	30	2,008	1,783	4	0.00	0.29	0.56	11.72
Mount Shasta	59	9	84	42	2,672	2,099	2	0.00	0.23	1.19	37.86
Blue Canyon	65	11	80	53	2,519	2,394	2	0.00	0.94	2.13	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,950	NA	NA	NA	1.51	40.65
South Coast											
Santa Maria	62	0	82	47	2,505	2,924	0	0.00	0.00	0.29	13.42
Santa Barbara	65	3	84	51	3,344	3,164	0	0.00	0.00	0.41	17.38
Oxnard	63	-1	72	54	3,164	3,624	0	0.00	0.00	0.28	13.05
Riverside	77	9	102	57	4,982	5,442	1	0.00	0.01	0.21	9.48
Los Angeles	67	0	77	58	3,823	4,358	0	0.00	0.00	0.29	12.33
San Diego	68	0	78	60	4,155	4,738	1	0.00	0.01	0.31	9.87
Southeast Interior											
Bishop	63	7	88	38	3,663	3,807	1	0.00	0.18	0.25	4.87
Daggett	77	9	95	57	6,284	6,523	0	0.00	0.00	0.16	3.80
Lancaster	69	7	95	42	4,741	4,845	0	0.00	0.00	0.21	6.86
Thermal	82	9	105	53	7,709	7,745	0	0.00	0.00	0.14	2.98
Blythe	82	8	103	60	8,154	8,360	0	0.00	0.00	0.12	3.58
Imperial	84	10	102	63	7,817	8,072	0	0.00	0.00	0.15	2.39

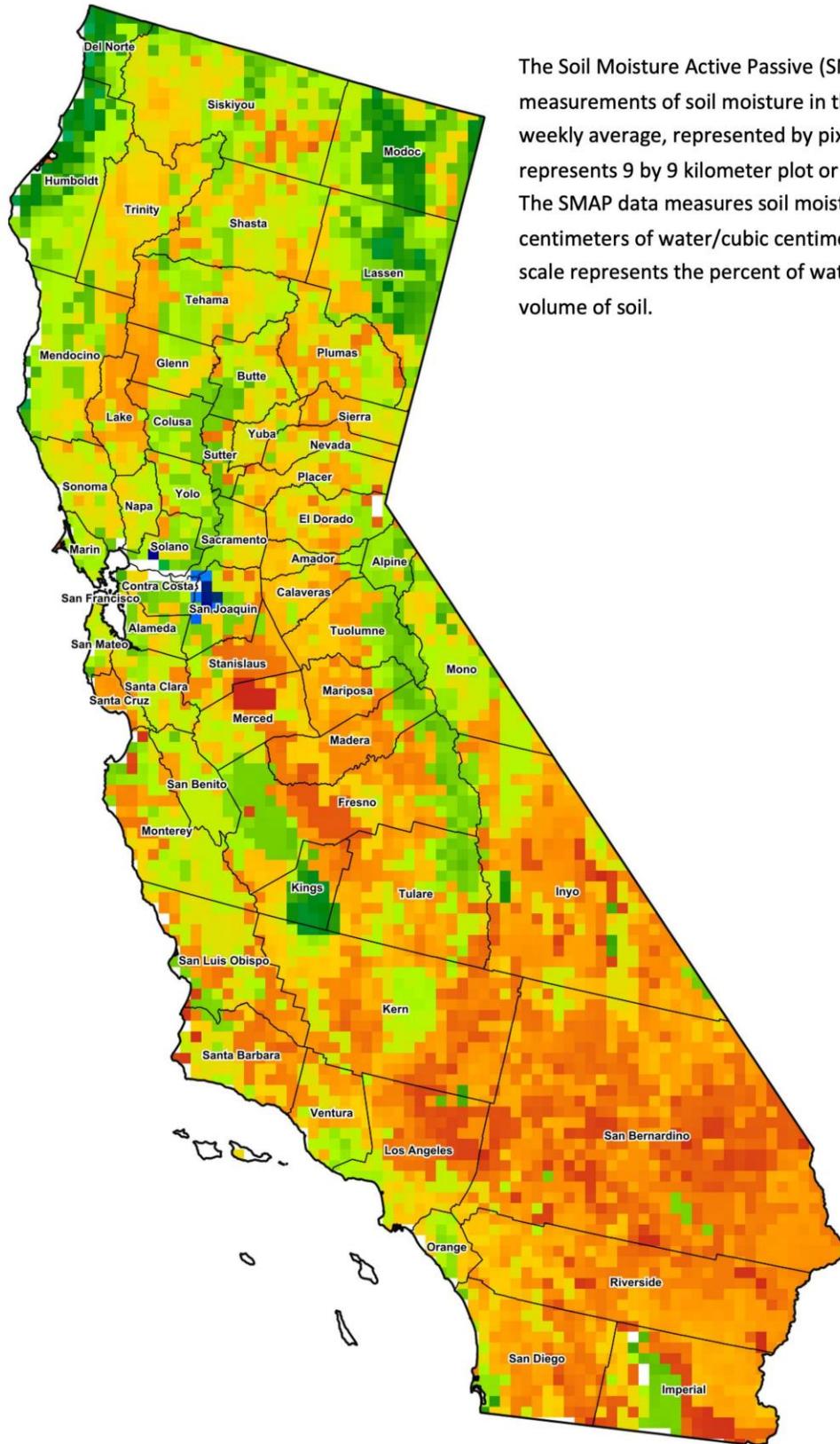
¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.
² Previously calculated with 60 degree base. This calculation was changed for the 2022 and later seasons.
³ Total number of days with precipitation events this season.
⁴ Rain or melted snow/ice.
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	October 23, 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	3,201,116	70	130	1,439,473	32
Lake Oroville	3,537,400	2,467,003	70	134	1,146,558	32
Trinity Lake	2,443,800	1,236,965	51	86	538,600	22
New Melones Reservoir	2,413,000	1,892,812	79	146	592,393	25
San Luis Reservoir	2,057,200	1,468,733	72	163	515,530	25
Don Pedro Reservoir	4,547,300	1,658,965	82	123	1,012,661	50

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 10/17/2023

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	94.32	5.68	0.00	0.00	0.00	0.00	6
Last Week	93.98	5.95	0.07	0.00	0.00	0.00	6
3 Months Ago	74.45	19.26	6.29	0.00	0.00	0.00	32
One Year Ago	0.00	0.23	7.94	50.92	24.34	16.57	349

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