



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: September 10, 2023**  
**RELEASED: September 11, 2023**

**FREQUENCY: Weekly**  
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## WEATHER

Average low temperatures for California ranged from 31 to 61 in the mountains, 45 to 91 in the desert, 48 to 72 along the coast, and 54 to 76 in the Central Valley. Average high temperatures for the state ranged from 47 to 81 in the mountains, 61 to 99 along the coast, 80 to 99 in the Central Valley, and 82 to 111 in the desert.

## FIELD CROPS

In the Sacramento Valley, **sunflower**, field **corn**, and **rice** fields were drying down with the help of warmer weather. In Stanislaus County, **alfalfa** hay, alfalfa silage, and corn silage harvests continued. The second crop of silage corn emerged. Harvested silage corn fields were disced. In the San Joaquin Valley, **cotton** bolls began to crack open and final irrigation water was applied. Insect pressure was light, but fields continued to be monitored for white fly and aphids. In Tulare County, corn for silage continued to be chopped. Alfalfa was cut, raked, and baled. Cotton and corn fields continued to develop.

## FRUIT CROPS

Table **grape** harvest continued as growers attempted to assess the damage from Hurricane Hilary. Substantial losses were reported to mid-season grape varieties due to split and rot from Hurricane Hilary. Wine grape harvest began in some areas. **Apricot** and **cherry** orchards were pruned. **Peach**, **plum**, and **nectarine** harvests continued. **Figs** and **prunes** were harvested. **Pomegranates**, **kiwifruit**, and **persimmons** continued to develop. Gala **apples** were harvested. **Pear** harvest was in full swing with Bartlett and Bosc varieties picked and packed. **Olive** trees were trimmed as growers prepared for harvest. **Strawberries** continued to develop with some reports of mildew and bruising due to high humidity and heat. Older **blueberry** fields were removed and replanted with newer varieties. Valencia **oranges**, **grapefruit**, and **mandarins** were picked and packed. District 2 **lemon** harvest continued. Some orange trees were topped and skirted.

## NUT CROPS

Damage was reported in some almond orchards where trees had been shaken and nuts remained on the ground during Hurricane Hilary. Nuts still on trees prior to the hurricane sustained minimal to no damage. Almond harvest continued with orchard floors cleaned and trees shaken. **Walnuts**, **pistachios**, and **pecans** continued to mature. Almond and walnut orchards were sprayed for pests and weeds.

## VEGETABLE CROPS

In San Mateo County, **pumpkin**, **tomato** and **pepper** harvests continued. **Brussel sprout** harvest began. Processing tomato harvest continued in the Sacramento Valley. Fungicides were applied to reduce the development of mold on unharvested fields. Pumpkin harvest continued in the Capay Valley. In Sutter County, melon harvest continued. In San Joaquin County, **eggplant** harvest continued. In Stanislaus County, tomato, **sweet potato**, **watermelon**, **cantaloupe**, and **honeydew** harvests continued. In Tulare County, growers continued to sell tomatoes, **sweet corn**, **squash**, watermelon, cantaloupe, and honeydew melons at local markets. **Carrot** harvest continued in Kern County. **Broccoli**, **celery**, **cauliflower**, squash, **lettuce**, **bell pepper**, and brussel sprout harvests continued along the Central Coast.

## LIVESTOCK

Foothill rangeland and non-irrigated pasture were mostly in fair condition. Irrigated pasture was in good to excellent condition. Some cattle were grazing on higher elevation range. Sheep grazed retired cropland as well as harvested melon and vegetable fields. Bees were active in some squash fields.

**CALIFORNIA CROP WEATHER – WEEK ENDING SEPTEMBER 10, 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 Sep 10, 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 - Sep 10, 2023	Jan 1 - Sep 10, 2023	Oct 1 - Sep 10, 2023	Week Ending Sep 10, 2023	Oct 1 - Sep 10, 2023	Oct 1 - Sep 10	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
<b>North Coast</b>											
Eureka WFO	58	0	68	48	1,073	981	125	0.00	39.71	39.86	40.61
Ukiah	72	1	93	50	3,219	3,074	84	0.00	38.74	34.70	35.07
Santa Rosa	68	1	88	48	2,515	2,492	77	0.00	42.45	33.67	34.00
Napa State Hospital	66	-1	83	50	2,423	2,379	72	0.00	29.56	20.17	20.36
<b>Central Coast</b>											
San Francisco	65	0	76	55	2,350	2,381	74	0.00	31.43	19.58	19.77
San Jose	71	1	85	58	2,905	3,030	66	0.00	15.32	13.42	13.58
Salinas	NA	NA	NA	NA	NA	2,238	NA	NA	NA	12.53	12.66
Monterey	62	-1	74	50	1,602	2,005	67	0.01	23.83	16.18	16.36
Paso Robles	72	0	98	49	3,043	3,095	66	0.01	20.94	12.10	12.24
<b>Sacramento Valley</b>											
Redding	77	0	95	61	4,349	4,193	79	0.00	40.94	33.17	33.70
Red Bluff	77	0	96	59	4,224	4,108	74	0.00	27.15	22.95	23.25
Orland	NA	NA	NA	NA	NA	3,832	NA	NA	NA	21.18	21.52
Oroville	77	1	92	58	4,144	4,049	73	0.00	26.88	25.53	25.84
Marysville	75	1	94	56	3,798	3,778	59	0.00	22.90	19.97	20.21
Sacramento	76	3	93	56	3,810	3,538	64	0.00	24.67	17.89	18.10
<b>San Joaquin Valley</b>											
Stockton	75	-1	93	55	3,698	3,935	60	0.00	23.23	13.38	13.53
Modesto	75	-1	92	58	3,654	4,004	67	0.02	20.21	12.22	12.34
Merced Macready	76	1	94	56	3,838	3,867	56	0.00	19.47	11.76	11.87
Madera	77	0	99	54	3,950	4,082	53	0.04	11.20	10.76	10.86
Fresno	80	1	97	60	4,569	4,553	51	0.00	16.54	10.95	11.05
Lemoore	77	1	98	56	4,128	4,080	41	0.00	8.11	7.15	7.23
Visalia	78	2	97	60	4,279	4,068	55	0.00	15.67	10.26	10.37
Bakersfield	80	0	97	61	4,668	4,826	52	0.00	10.45	6.32	6.40
<b>Cascade Sierra</b>											
Alturas	60	-1	81	38	1,776	1,616	102	0.00	17.20	11.42	11.72
Mount Shasta	63	-1	81	43	2,290	1,815	105	0.00	46.88	37.20	37.86
Blue Canyon	64	-3	73	48	2,047	1,943	106	0.00	91.76	61.93	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,438	NA	NA	NA	39.86	40.65
<b>South Coast</b>											
Santa Maria	64	-1	81	51	1,906	2,339	58	0.00	24.09	13.27	13.42
Santa Barbara	70	4	84	56	2,657	2,570	54	0.00	28.96	17.19	17.38
Oxnard	69	2	79	60	2,503	2,946	57	0.01	23.13	12.87	13.05
Riverside	78	-1	99	61	3,993	4,472	57	0.03	15.68	9.31	9.48
Los Angeles	72	1	86	62	3,041	3,557	60	0.00	26.44	12.14	12.33
San Diego	73	0	82	64	3,340	3,882	60	0.00	15.73	9.69	9.87
<b>Southeast Interior</b>											
Bishop	69	-2	90	45	3,063	3,245	45	0.01	16.62	4.75	4.87
Daggett	83	-1	103	63	5,201	5,461	27	0.01	2.90	3.66	3.80
Lancaster	77	0	97	54	3,948	4,053	33	0.00	10.70	6.72	6.86
Thermal	90	3	111	71	6,362	6,494	17	0.00	1.59	2.76	2.98
Blythe	90	-1	111	70	6,741	7,017	21	0.00	2.65	3.36	3.58
Imperial	88	-2	109	68	6,457	6,751	14	0.00	2.35	2.26	2.39

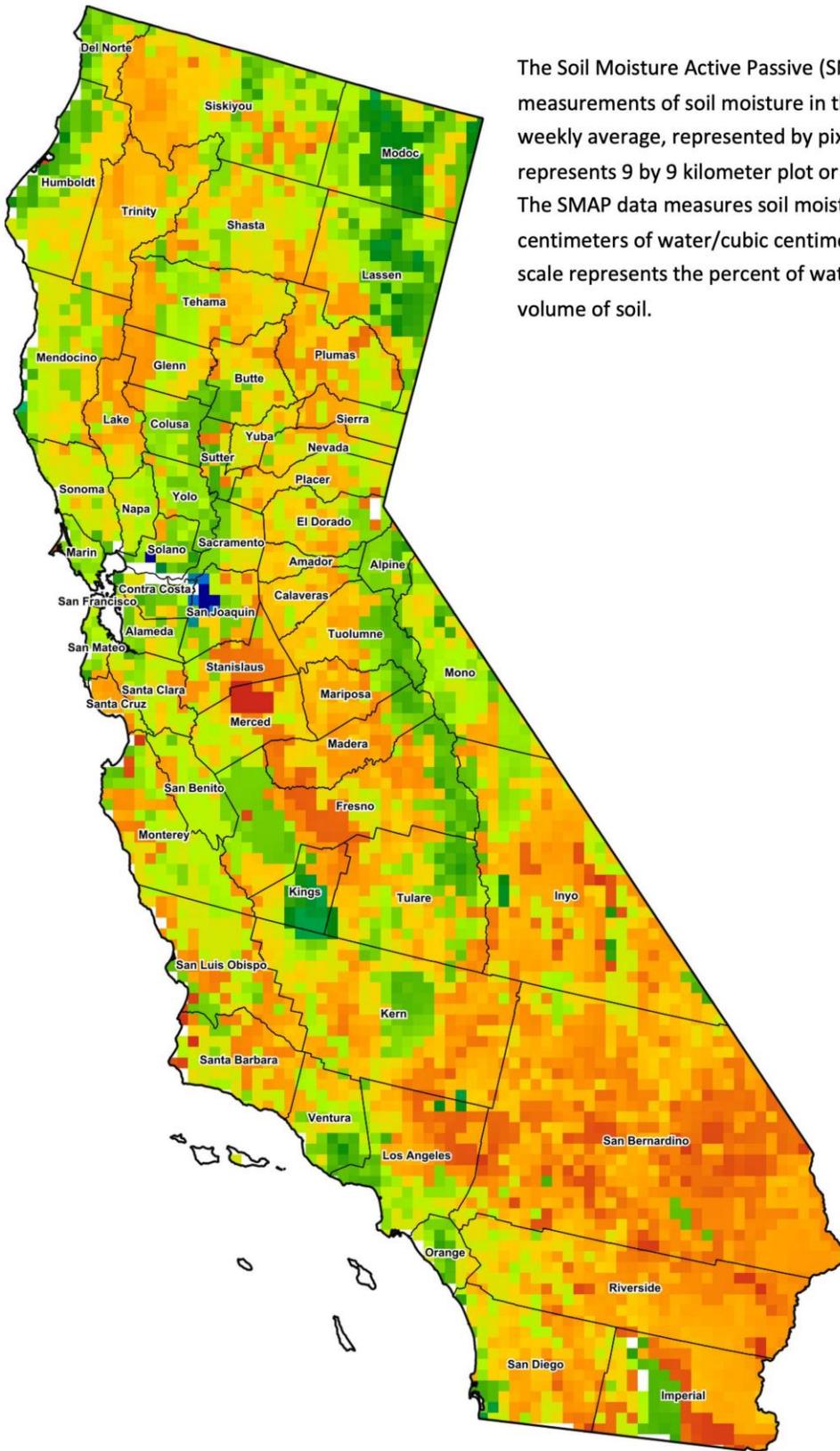
<sup>1</sup> Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.  
<sup>2</sup> Previously calculated with 60 degree base. This calculation was changed for the 2022 and later seasons.  
<sup>3</sup> Total number of days with precipitation events this 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	September 10, 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	3,450,510	76	129	1,556,767	34
Lake Oroville	3,537,400	2,777,885	79	138	1,281,153	36
Trinity Lake	2,443,800	1,326,083	54	84	585,124	24
New Melones Reservoir	2,413,000	1,906,327	79	140	630,682	26
San Luis Reservoir	2,057,200	1,713,192	84	211	543,485	27
Don Pedro Reservoir	4,547,300	1,778,424	88	123	1,091,684	54

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 09/05/2023**

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	93.53	6.25	0.22	0.00	0.00	0.00	7
Last Week	93.35	5.30	1.35	0.00	0.00	0.00	8
3 Months Ago	70.88	24.49	4.63	0.00	0.00	0.00	34
One Year Ago	0.00	0.24	2.24	57.35	23.61	16.57	354

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)