



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: September 22, 2024
RELEASED: September 23, 2024

FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 32 to 51 in the mountains, 34 to 82 in the desert, 46 to 66 along the coast, and 50 to 66 in the Central Valley. Average high temperatures for the state ranged from 45 to 80 in the mountains, 59 to 96 along the coast, 70 to 100 in the Central Valley, and 71 to 100 in the desert.

FIELD CROPS

In the Sacramento Valley, **rice**, **corn**, **safflower**, and seed crop harvests continued. Fields were prepared for planting **wheat**. In the San Joaquin Valley, **cotton** fields matured and equipment was prepared for harvest. Corn and **alfalfa** were chopped. Wheat grew to near full height. In Tulare County, corn fields were harvested. Cotton fields progressed toward harvest. **Black-eyed bean** fields continued to dry down. Some alfalfa fields were cut for hay, and others were greenchopped for local dairies.

FRUIT CROPS

Peach and **nectarine** harvests began to wind down. Late varieties of **plum** and **pluot** harvests continued. **Figs** and **prunes** were harvested. **Persimmons** were maturing and growers sprayed their orchards with fungicides. Early variety **pomegranate** harvest continued in some areas. **Pear** harvest began to wind down, while table and wine **grape** harvests continued. Some late table grape varieties were covered with plastic sheeting to protect the grapes from rain. **Kiwi** vineyards were being pruned and cleaned before harvest. **Lemon** and **lime** harvests continued. Valencia **orange** harvest neared completion as the season was expected to finish well ahead of last year. Harvested citrus orchards were pruned, topped, and fertilized. New season citrus fruit continued to develop and increase in size. Citrus groves were being sprayed with fungicide, herbicide, and whitewash. Table **olive** harvest gained momentum. **Raspberry**, **blackberry**, and **strawberry** harvests continued along the Central Coast.

NUT CROPS

Almond harvest neared completion with orchard floors cleaned and trees shaken. **Pistachio** and **pecan** orchards were harvested. Early variety **walnut** harvest continued. Almond, walnut, and pistachio orchards were sprayed with herbicides and insecticides.

VEGETABLE CROPS

Across California, processing **tomato** harvest began to wind down. In the Sacramento Valley, organic tomatoes and **watermelon** were harvested. In the San Joaquin Valley, melon, **pumpkin**, **sweet potato**, and **squash** harvests continued. Tomatoes were sprayed with insecticides, herbicides, and fungicides. In the Central Valley, **cucumbers**, watermelon, **cantaloupe**, **honeydew**, **sweet corn**, **zucchini**, **tomatillos**, **okra**, **eggplant**, pumpkins, squash, **garlic**, **carrots**, **bell peppers** and **onions** were harvested and sold at local stands. Along the Central Coast, **broccoli**, **brussel sprouts**, carrots, **cauliflower**, **celery**, **kale**, garlic, squash, and **lettuce** continued to be harvested. Broccoli and brussel sprouts had some insect damage. In the Imperial Valley, eggplant, onions, melons, **chili peppers**, **green beans**, and sweet corn were harvested.

LIVESTOCK

Rangeland and non-irrigated pasture were reported to be in poor to fair condition. Irrigated pasture remained in good condition. Supplemental feeding of cattle continued. Some cattle grazed upper elevation range. Sheep grazed harvested melon and vegetable fields.

CALIFORNIA CROP WEATHER – WEEK ENDING SEPTEMBER 22, 2024

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS ¹	PRECIPITATION ²			
	Average for Week Ending Sep 22, 2024	Departure from Normal ³	High	Low	This Year	Normal Year ³	This Season	This Week	This Season	Normal Season ³	Normal Year ³
					Jan 1 - Sep 22, 2024	Jan 1 - Sep 22, 2024	Oct 1 - Sep 22, 2024	Week Ending Sep 22, 2024	Oct 1 - Sep 22, 2024	Oct 1 - Sep 22, 2024	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	58	1	64	51	NA	NA	NA	0.02	NA	NA	40.61
Ukiah	70	1	96	50	NA	NA	NA	0.00	NA	NA	35.07
Santa Rosa	64	-2	77	50	NA	NA	NA	0.00	NA	NA	34.00
Napa State Hospital	62	-3	73	53	NA	NA	NA	0.00	NA	NA	20.36
Central Coast											
San Francisco	61	-4	71	54	NA	NA	NA	0.00	NA	NA	19.77
San Jose	69	0	79	56	NA	NA	NA	0.00	NA	NA	13.58
Salinas	63	-1	75	56	NA	NA	NA	0.09	NA	NA	12.66
Monterey	60	-2	69	55	NA	NA	NA	0.06	NA	NA	16.36
Paso Robles	64	-6	80	46	NA	NA	NA	0.04	NA	NA	12.24
Sacramento Valley											
Redding	73	-2	97	57	NA	NA	NA	0.06	NA	NA	33.70
Red Bluff	73	-2	97	56	NA	NA	NA	0.01	NA	NA	23.25
Orland	70	-4	90	54	NA	NA	NA	0.08	NA	NA	21.52
Oroville	71	-2	87	57	NA	NA	NA	0.00	NA	NA	25.84
Marysville	71	-1	92	56	NA	NA	NA	0.00	NA	NA	20.21
Sacramento	70	-1	90	56	NA	NA	NA	0.00	NA	NA	18.10
San Joaquin Valley											
Stockton	70	-4	88	55	NA	NA	NA	0.00	NA	NA	13.53
Modesto	69	-4	88	52	NA	NA	NA	0.00	NA	NA	12.34
Merced	69	-4	87	52	NA	NA	NA	0.00	NA	NA	11.87
Madera	69	-5	87	50	NA	NA	NA	0.00	NA	NA	10.86
Fresno	71	-6	86	55	NA	NA	NA	0.02	NA	NA	11.05
Lemoore	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.23
Visalia	69	-5	87	54	NA	NA	NA	0.00	NA	NA	10.37
Bakersfield	71	-7	86	54	NA	NA	NA	0.00	NA	NA	6.40
Cascade Sierra											
Alturas	55	-3	77	35	NA	NA	NA	0.05	NA	NA	11.72
Mount Shasta	60	-1	80	45	NA	NA	NA	0.11	NA	NA	37.86
Blue Canyon	54	-11	67	40	NA	NA	NA	0.10	NA	NA	62.80
Yosemite Valley	52	-15	68	37	NA	NA	NA	0.05	NA	NA	40.65
South Coast											
Santa Maria	61	-3	72	49	NA	NA	NA	0.04	NA	NA	13.42
Santa Barbara	63	-2	76	49	NA	NA	NA	0.00	NA	NA	17.38
Oxnard	65	-2	74	56	NA	NA	NA	0.00	NA	NA	13.05
Riverside	68	-8	81	55	NA	NA	NA	0.00	NA	NA	9.48
Los Angeles	66	-4	75	58	NA	NA	NA	0.00	NA	NA	12.33
San Diego	69	-3	74	61	NA	NA	NA	0.02	NA	NA	9.87
Southeast Interior											
Bishop	62	-6	85	34	NA	NA	NA	0.00	NA	NA	4.87
Daggett	72	-8	88	56	NA	NA	NA	0.02	NA	NA	3.80
Lancaster	66	-7	82	50	NA	NA	NA	0.00	NA	NA	6.86
Thermal	79	-5	92	63	NA	NA	NA	0.02	NA	NA	2.98
Blythe	78	-9	95	59	NA	NA	NA	0.00	NA	NA	3.58
Imperial	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.39

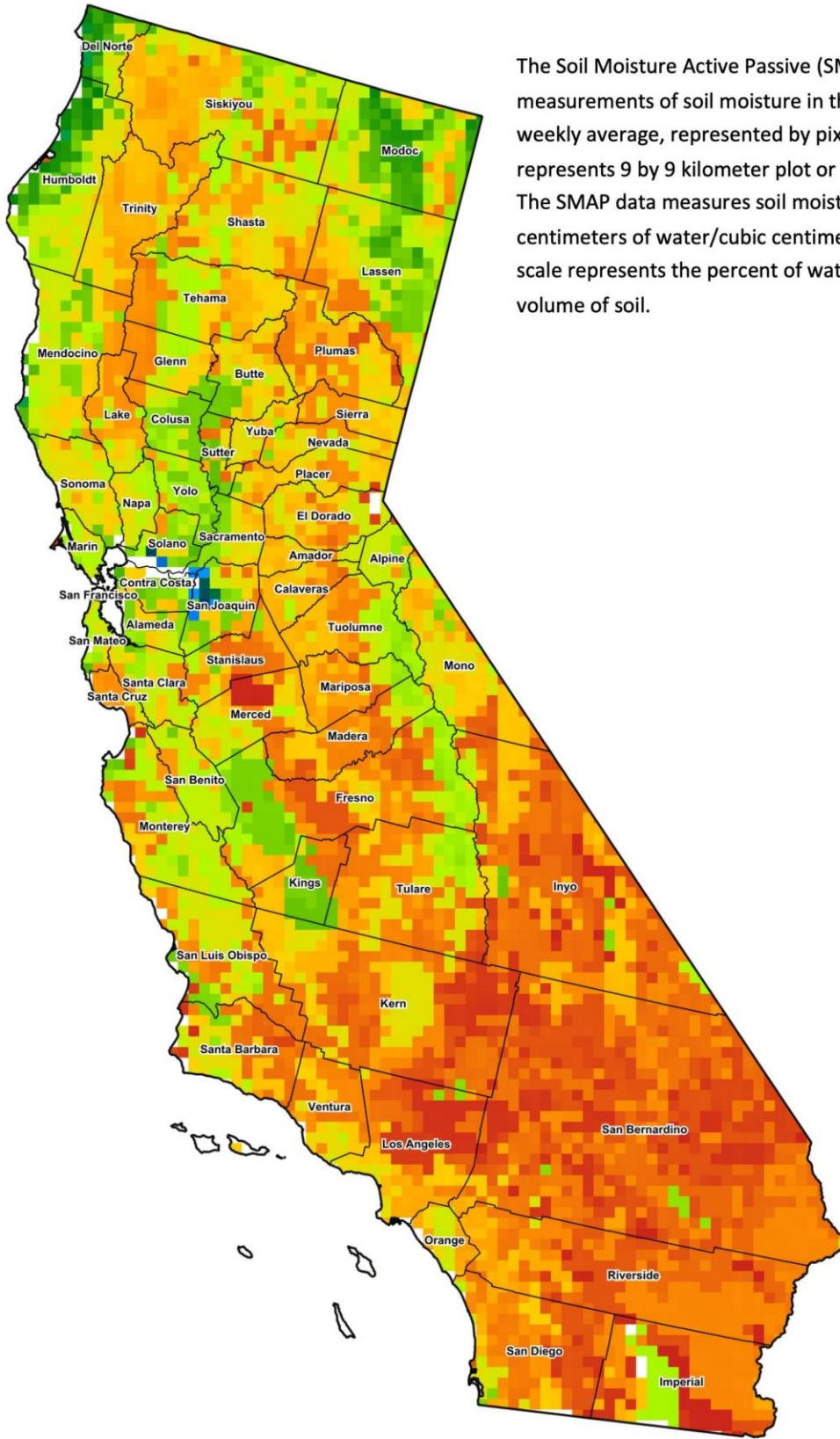
¹ Total number of days with precipitation events this season.
² Rain or melted snow/ice.
³ Normal periods 1990-2020 used in departure from normal calculations.
 (NA) Not available at time of publication.

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	Sep 22, 2024			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	2,823,550	62	109	3,369,871	74
Lake Oroville	3,537,400	1,994,848	56	102	2,679,175	76
Trinity Lake	2,443,800	1,748,245	71	115	1,293,603	53
New Melones Reservoir	2,413,000	1,829,140	76	136	1,900,096	79
San Luis Reservoir	2,057,200	1,045,844	51	124	1,662,990	81
Don Pedro Reservoir	2,030,000	NA	NA	NA	1,738,071	86

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 9/17/2024

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	28.59	60.75	10.59	0.08	0.00	0.00	82
Last Week	28.59	60.73	10.61	0.08	0.00	0.00	82
3 Months Ago	98.79	1.21	0.00	0.00	0.00	0.00	1
One Year Ago	93.53	6.23	0.24	0.00	0.00	0.00	7

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