



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: July 14, 2024
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FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 32 to 74 in the mountains, 52 to 67 along the coast, 57 to 83 in the Central Valley, and 57 to 91 in the desert. Average high temperatures for the state ranged from 60 to 111 along the coast, 62 to 102 in the mountains, 98 to 115 in the Central Valley, and 108 to 120 in the desert.

FIELD CROPS

In the Sacramento Valley, heading continued in **rice** fields. In the San Joaquin Valley, **cotton** fields made good progress, and a second round of irrigation began. **Alfalfa** was chopped, and **corn** continued to grow. Fields were sprayed for weeds. In the Central Valley, corn, **cotton**, and dry beans continued to develop. Alfalfa fields were cut for a second time. Aerial pesticide applications and irrigation continued for all crops. **Wheat** and **oat** harvests were complete.

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 as temperatures remained high. Some growers reported concern that high temperatures could cause the fruit to stop growing and ripen too quickly. **Apricot** and **cherry** harvests were complete. **Peach**, **plum**, and **nectarine** harvests continued. **Prunes** were harvested and sent to the dehydrators. **Persimmons**, **pomegranates**, and Asian **pears** continued to develop. **Grape** harvest continued in the Coachella Valley, and was just beginning in the Central Valley. Growers increased their vine nutrition program and thinned the crop to reduce berry damage from the extensive heat wave. Growers applied polymer coating in grape vineyards to help prevent vine stress. **Kiwi** canopies were tended to and tied. Valencia **orange**, **grapefruit**, **mandarin**, **minneola**, **lemon**, and **avocado** harvests continued. Whitewash was applied to prevent sunburn. **Olives** continued to develop. **Blueberry** harvest completed in some areas. **Raspberry**, **blackberry** and **strawberry** harvests continued along the central coast, with production recovering from the recent heat wave.

NUT CROPS

Warm summer temperatures increased pest pressure as codling moth, spider mite, and Navel orangeworm numbers increased. Nighttime spraying continued to reduce evaporation. Additional irrigation was needed due to high day and nighttime temperatures. Growers applied a white clay film on trees that receive the most direct sunlight. **Almond** hull split continued in some areas. Growers applied hull split sprays, and increased the frequency and volume of irrigation. Nut development continued in **pistachio**, **pecan**, and **walnut** orchards. Insecticides were applied in walnut orchards.

VEGETABLE CROPS

Across California, tomatoes continued to be harvested and sent to canneries. In the Sacramento Valley, organic cherry and heirloom **tomatoes** were harvested. Organic **watermelon** harvest began in the Capay Valley. In the San Joaquin Valley, tomatoes were turning red, and melons were picked. In the Central Valley, watermelon, **cantaloupe**, and **honeydew** harvest began. **Sweet corn**, **zucchini**, **eggplant**, **squash**, and **onions** continued to grow and develop. **Garlic**, **carrots**, and **bell peppers** were harvested. Along the Central Coast, **broccoli**, **brussel sprouts**, **cauliflower**, **celery**, **kale**, garlic, squash, and **lettuce** continued to be harvested. In the Imperial Valley, bell peppers, carrots, 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. Extremely hot weather continued to dry out non-irrigated pasture. Irrigated pasture was in good to excellent condition. Bees were active in sunflower fields. Sheep grazed on fallow fields, retired farmland, and orchard weeds. Some cattle were moved to upper elevation range as valley and foothill range conditions deteriorated. Cattle remaining on poor range were provided supplemental feed. Heat stress mitigation measures, including fans and sprinklers, were utilized at some dairies in the San Joaquin Valley.

CALIFORNIA CROP WEATHER – WEEK ENDING JULY 14, 2024

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS ¹	PRECIPITATION ²			
	Average for Week Ending Jul 14, 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 - Jul 14, 2024	Jan 1 - Jul 14, 2024	Oct 1 - Jul 14, 2024	Week Ending Jul 14, 2024	Oct 1 - Jul 14, 2024	Oct 1 - Jul 14, 2024	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	58	1	64	52	NA	NA	NA	0.00	NA	NA	40.61
Ukiah	86	11	111	60	NA	NA	NA	0.00	NA	NA	35.07
Santa Rosa	73	5	102	54	NA	NA	NA	0.00	NA	NA	34.00
Napa State Hospital	70	3	96	54	NA	NA	NA	0.00	NA	NA	20.36
Central Coast											
San Francisco	64	0	81	54	NA	NA	NA	0.00	NA	NA	19.77
San Jose	77	8	99	61	NA	NA	NA	0.00	NA	NA	13.58
Salinas	64	1	81	55	NA	NA	NA	0.00	NA	NA	12.66
Monterey	61	0	75	53	NA	NA	NA	0.00	NA	NA	16.36
Paso Robles	80	7	108	53	NA	NA	NA	0.00	NA	NA	12.24
Sacramento Valley											
Redding	95	12	115	74	NA	NA	NA	0.00	NA	NA	33.70
Red Bluff	92	10	114	71	NA	NA	NA	0.00	NA	NA	23.25
Orland	89	10	107	71	NA	NA	NA	0.00	NA	NA	21.52
Oroville	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.84
Marysville	88	10	112	64	NA	NA	NA	0.00	NA	NA	20.21
Sacramento	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10
San Joaquin Valley											
Stockton	87	9	111	63	NA	NA	NA	0.00	NA	NA	13.53
Modesto	88	9	110	65	NA	NA	NA	0.00	NA	NA	12.34
Merced	89	10	111	67	NA	NA	NA	0.00	NA	NA	11.87
Madera	88	8	111	64	NA	NA	NA	0.00	NA	NA	10.86
Fresno	94	11	112	73	NA	NA	NA	0.00	NA	NA	11.05
Lemoore	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.23
Visalia	90	10	109	72	NA	NA	NA	0.00	NA	NA	10.37
Bakersfield	95	10	114	77	NA	NA	NA	0.00	NA	NA	6.40
Cascade Sierra											
Alturas	76	8	102	49	NA	NA	NA	0.00	NA	NA	11.72
Mount Shasta	79	11	101	56	NA	NA	NA	0.00	NA	NA	37.86
Blue Canyon	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	62.80
Yosemite Valley	79	6	87	71	NA	NA	NA	0.00	NA	NA	40.65
South Coast											
Santa Maria	64	0	76	52	NA	NA	NA	0.00	NA	NA	13.42
Santa Barbara	64	-1	72	57	NA	NA	NA	0.00	NA	NA	17.38
Oxnard	65	-2	72	60	NA	NA	NA	0.00	NA	NA	13.05
Riverside	81	3	103	65	NA	NA	NA	0.00	NA	NA	9.48
Los Angeles	68	-1	76	61	NA	NA	NA	0.00	NA	NA	12.33
San Diego	71	1	77	66	NA	NA	NA	0.00	NA	NA	9.87
Southeast Interior											
Bishop	86	8	110	57	NA	NA	NA	0.00	NA	NA	4.87
Daggett	100	11	118	79	NA	NA	NA	0.00	NA	NA	3.80
Lancaster	92	10	113	64	NA	NA	NA	0.00	NA	NA	6.86
Thermal	95	4	115	74	NA	NA	NA	0.00	NA	NA	2.98
Blythe	103	8	120	87	NA	NA	NA	0.00	NA	NA	3.58
Imperial	99	6	120	79	NA	NA	NA	0.00	NA	NA	2.39

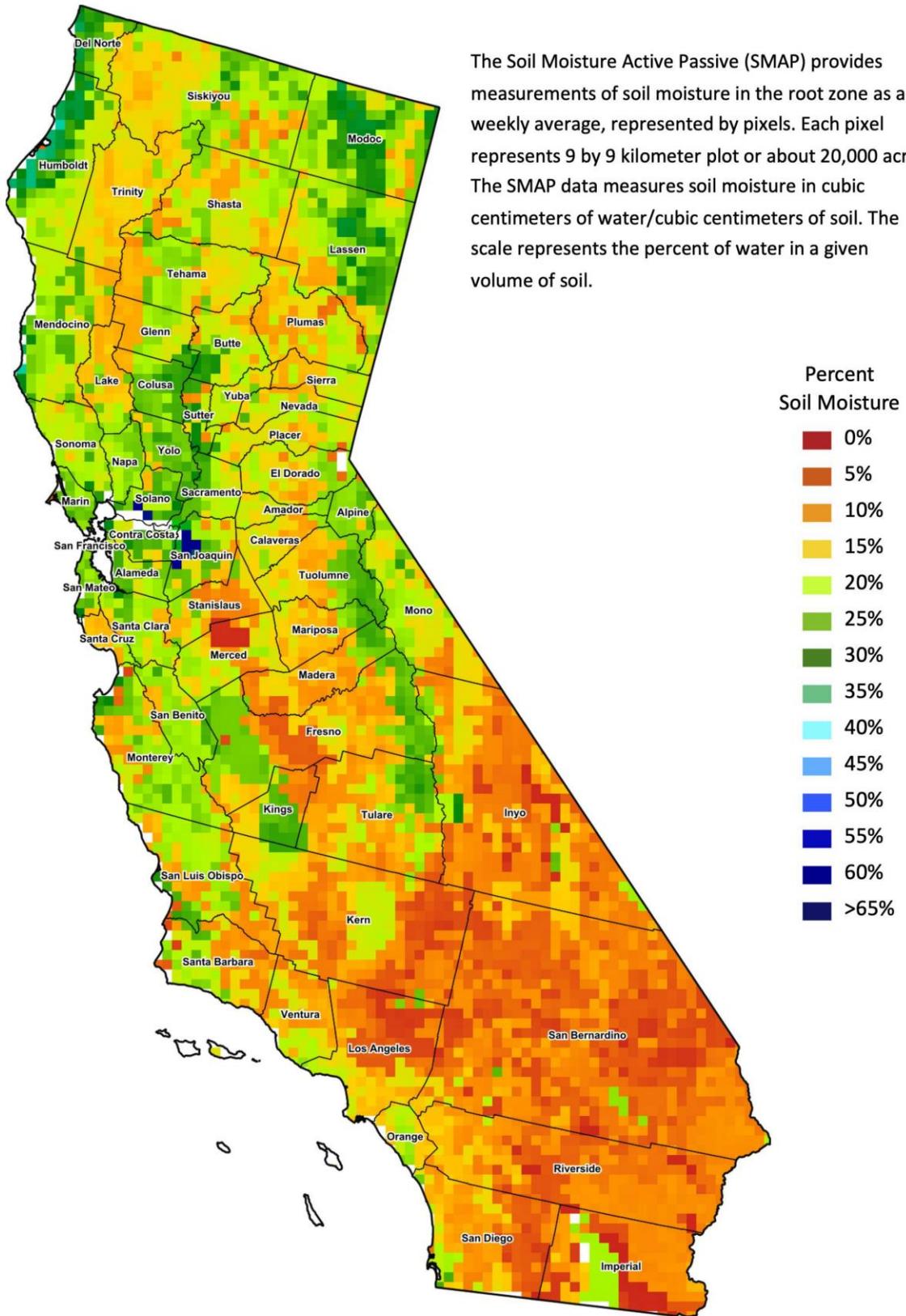
¹ Total number of days with precipitation events this season.
² Rain or melted snow/ice.
³ Normal periods 1990-2020 used in departure from normal calculations.
 (NA) Not available at time of publication.

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Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	July 14, 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	3,747,914	82	112	4,111,519	90
Lake Oroville	3,537,400	3,032,679	86	120	3,440,549	97
Trinity Lake	2,443,800	2,004,952	82	110	1,424,678	58
New Melones Reservoir	2,413,000	1,974,442	82	133	2,067,860	86
San Luis Reservoir	2,057,200	944,934	46	94	1,938,193	95
Don Pedro Reservoir	2,030,000	1,832,739	90	112	1,939,620	96

Source: cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO



Drought Conditions from the U.S. Drought Monitor as of 7/9/2024

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	80.72	18.50	0.77	0.00	0.00	0.00	20
Last Week	94.25	5.75	0.00	0.00	0.00	0.00	6
3 Months Ago	97.32	2.68	0.00	0.00	0.00	0.00	3
One Year Ago	71.95	21.76	6.29	0.00	0.00	0.00	34

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