



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: July 7, 2024
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FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 32 to 71 in the mountains, 47 to 70 along the coast, 57 to 85 in the Central Valley, and 58 to 89 in the desert. Average high temperatures for the state ranged from 62 to 99 in the mountains, 63 to 112 along the coast, 96 to 118 in the Central Valley, and 97 to 123 in the desert.

FIELD CROPS

In the Sacramento Valley, **rice** fields dried out in some areas due to high temperatures, causing damage to emerging plants. Herbicide applications continued. Irrigation continued for all crops. In the San Joaquin Valley, **cotton** squaring and boll set progressed. In Tulare County, **corn** silage crops continued to develop and were at various heights and stages of growth. Some fields have begun tasseling and setting ears. Cotton fields were squaring and setting bolls. **Alfalfa** fields were cut, dried, and baled.

FRUIT CROPS

Stone fruit 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 neared completion. **Peach**, **plum**, and **nectarine** harvests continued. **Prunes** were harvested. **Persimmons**, **pomegranates**, and Asian **pears** continued to develop. **Grape** harvest in the Coachella Valley was in full swing. Grape vineyards continued to develop berry sets. Growers increased their vine nutrition program and thinned the crop to reduce berry damage from the extensive heat wave. Kiwi canopies were tended to and tied. Growers continued to spray citrus groves with fungicides and herbicides; whitewash was also sprayed to prevent leaves and fruit from sunburn. Valencia **orange**, **grapefruit**, **mandarin**, **minneola**, and **lemon** harvests continued. Netting continued to be removed from seedless mandarins and tangerines. **Olive** fruit continued to develop. **Blueberry**, **blackberry**, and **strawberry** harvests continued. **Raspberry** harvest continued along the central coast.

NUT CROPS

Warm summer temperatures have increased pest pressure as codling moth, spider mite, and Navel orangeworm numbers were climbing. Nighttime spraying continued to reduce evaporation during the hot days. Frequent irrigation continued with high day and nighttime temperatures. **Almond** hull split continued in some areas, and growers in other areas prepared for hull split to begin. Growers continued hull split sprays for Navel orangeworm. Nut development continued in **pistachio**, **pecan**, and **walnut** orchards.

VEGETABLE CROPS

In the Sacramento Valley, organic cherry **tomato** harvest was slowed due to high daytime temperatures. In the San Joaquin Valley, **watermelon** and **cantaloupe** were harvested, while **honeydew** continued to grow and flower. **Sweet corn**, **zucchini**, **eggplant**, **squash**, and **onions** continued to grow and develop. Extreme heat caused quality issues and bloom drop in **bell peppers**. In the Central Valley, melons continued to develop. Bell peppers, eggplant, **garlic**, onions, **carrots**, and squash continued to be 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. Quality issues were reported in peppers due to the continued high temperatures.

LIVESTOCK

Rangeland and non-irrigated pasture were reported to be in fair to good condition. Extremely hot weather continued to desiccate 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. Cattle continued to be moved to upper elevation range as valley and foothill range conditions deteriorated. Heat stress mitigation measures, including fans and sprinklers, were utilized at some dairies in the San Joaquin Valley.

CALIFORNIA CROP WEATHER – WEEK ENDING JULY 7, 2024

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS ¹	PRECIPITATION ²			
	Average for Week Ending Jul 7, 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 7, 2024	Jan 1 - Jul 7, 2024	Oct 1 - Jul 7, 2024	Week Ending Jul 7, 2024	Oct 1 - Jul 7, 2024	Oct 1 - Jul 7, 2024	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	60	3	75	47	NA	NA	NA	0.00	NA	NA	40.61
Ukiah	85	12	112	59	NA	NA	NA	0.00	NA	NA	35.07
Santa Rosa	76	8	106	52	NA	NA	NA	0.00	NA	NA	34.00
Napa State Hospital	74	7	102	56	NA	NA	NA	0.00	NA	NA	20.36
Central Coast											
San Francisco	69	5	88	54	NA	NA	NA	0.00	NA	NA	19.77
San Jose	81	12	102	62	NA	NA	NA	0.00	NA	NA	13.58
Salinas	66	4	82	52	NA	NA	NA	0.00	NA	NA	12.66
Monterey	63	2	81	48	NA	NA	NA	0.00	NA	NA	16.36
Paso Robles	82	10	112	54	NA	NA	NA	0.00	NA	NA	12.24
Sacramento Valley											
Redding	94	12	118	70	NA	NA	NA	0.00	NA	NA	33.70
Red Bluff	93	12	118	69	NA	NA	NA	0.00	NA	NA	23.25
Orland	91	13	111	69	NA	NA	NA	0.00	NA	NA	21.52
Oroville	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.84
Marysville	89	11	110	65	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	10	108	66	NA	NA	NA	0.00	NA	NA	13.53
Modesto	89	11	108	69	NA	NA	NA	0.00	NA	NA	12.34
Merced	87	9	108	64	NA	NA	NA	0.00	NA	NA	11.87
Madera	87	8	109	64	NA	NA	NA	0.00	NA	NA	10.86
Fresno	92	10	110	72	NA	NA	NA	0.00	NA	NA	11.05
Lemoore	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.23
Visalia	88	9	106	72	NA	NA	NA	0.00	NA	NA	10.37
Bakersfield	92	9	109	73	NA	NA	NA	0.00	NA	NA	6.40
Cascade Sierra											
Alturas	69	3	99	42	NA	NA	NA	0.00	NA	NA	11.72
Mount Shasta	74	8	99	52	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	75	4	85	59	NA	NA	NA	0.00	NA	NA	40.65
South Coast											
Santa Maria	63	0	76	50	NA	NA	NA	0.00	NA	NA	13.42
Santa Barbara	64	-1	77	56	NA	NA	NA	0.00	NA	NA	17.38
Oxnard	66	0	75	58	NA	NA	NA	0.00	NA	NA	13.05
Riverside	82	5	103	60	NA	NA	NA	0.00	NA	NA	9.48
Los Angeles	67	-2	74	60	NA	NA	NA	0.00	NA	NA	12.33
San Diego	71	1	77	65	NA	NA	NA	0.00	NA	NA	9.87
Southeast Interior											
Bishop	83	6	108	58	NA	NA	NA	0.00	NA	NA	4.87
Daggett	96	8	116	72	NA	NA	NA	0.00	NA	NA	3.80
Lancaster	90	9	112	61	NA	NA	NA	0.00	NA	NA	6.86
Thermal	92	2	115	66	NA	NA	NA	0.00	NA	NA	2.98
Blythe	101	7	123	82	NA	NA	NA	0.00	NA	NA	3.58
Imperial	96	4	116	73	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.

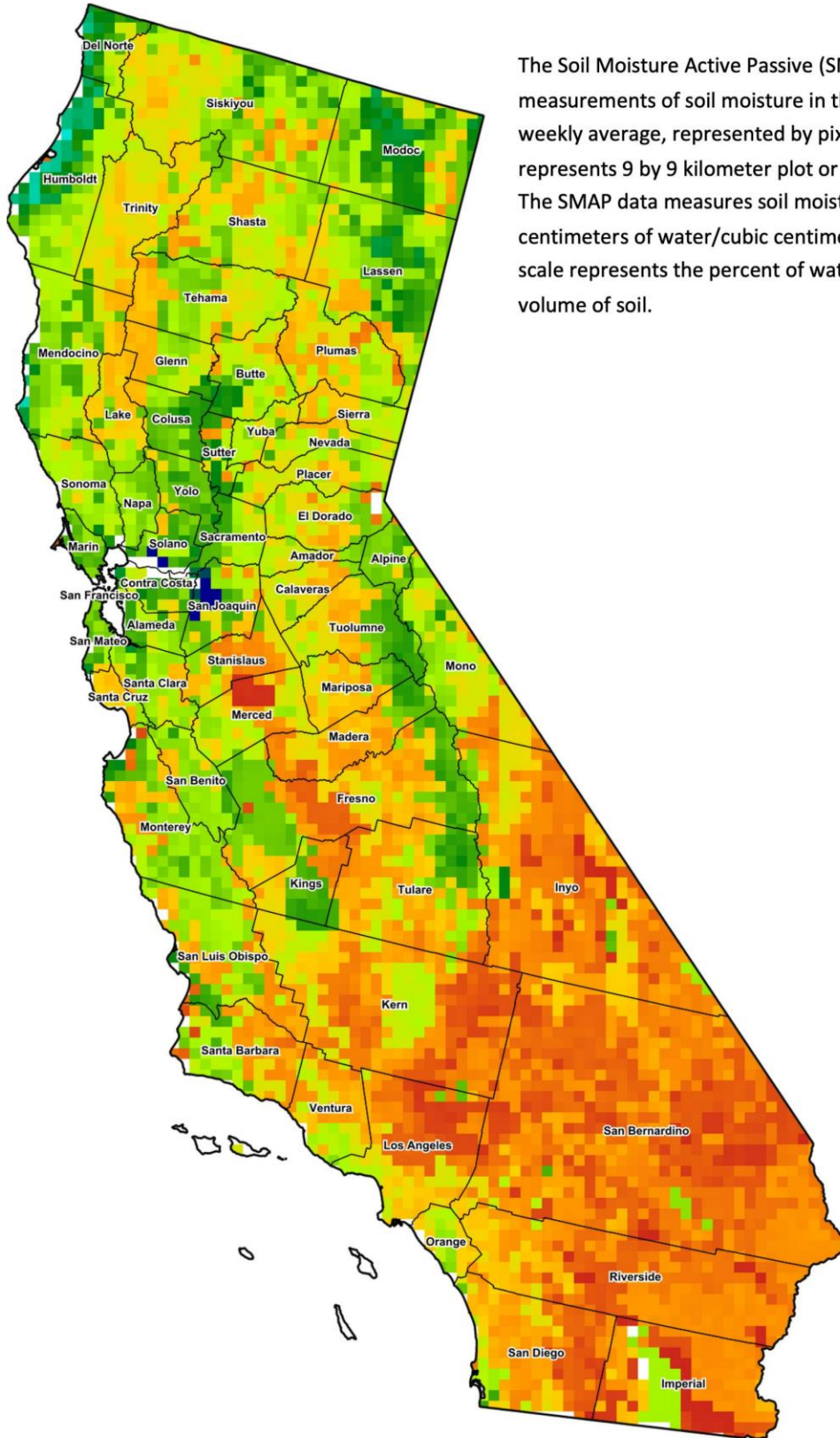
Data retrieved from NOAA and NWS. Calculated by USDA NASS.

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Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	July 7, 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	3,877,493	85	113	4,197,878	92
Lake Oroville	3,537,400	3,149,963	89	121	3,485,847	99
Trinity Lake	2,443,800	2,025,351	83	109	1,430,262	58
New Melones Reservoir	2,413,000	1,989,301	83	133	2,071,701	86
San Luis Reservoir	2,057,200	976,139	48	93	1,945,453	95
Don Pedro Reservoir	2,030,000	1,866,865	92	113	1,879,042	93

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



Drought Conditions from the U.S. Drought Monitor as of 7/2/2024

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	94.25	5.75	0.00	0.00	0.00	0.00	6
Last Week	97.18	2.82	0.00	0.00	0.00	0.00	3
3 Months Ago	95.46	4.54	0.00	0.00	0.00	0.00	5
One Year Ago	71.95	28.05	4.63	0.00	0.00	0.00	33

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