



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: June 30, 2024
RELEASED: July 1, 2024

FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 32 to 66 in the mountains, 46 to 69 along the coast, 57 to 79 in the Central Valley, and 62 to 89 in the desert. Average high temperatures for the state ranged from 58 to 100 along the coast, 62 to 91 in the mountains, 87 to 106 in the Central Valley, and 93 to 114 in the desert.

FIELD CROPS

In the Sacramento Valley, **wheat** harvest neared completion. Heading began in some **rice** fields. **Sunflowers** continued to develop. In Stanislaus County, **corn** was in various stages of growth, from emerged to tasseling. In the San Joaquin Valley, **cotton** began to bloom. In Tulare County, corn silage crops grew well and were at varying stages of growth. Some corn fields began tasseling and setting ears. Cotton fields were blooming. **Alfalfa** fields were cut, dried, and baled. Aerial pesticide applications continued for forage crops.

FRUIT CROPS

Stone fruit orchards were fertilized and sprayed with fungicides, herbicides, and insecticides; Pruning and shredding continued. Stone fruit orchards were heavily irrigated amidst warmer temperatures. **Apricot** and **cherry** harvests neared completion. **Peach, plum, and nectarine** harvests were in full swing. **Prunes** were harvested. **Persimmons, pomegranates, and Asian pears** continued to develop. **Grape** harvest in the Coachella Valley was in full swing. Grape vineyards were developing berry sets. Kiwi canopies were tended to and tied. Citrus groves were sprayed with whitewash to prevent leaves and fruit from sunburn. Valencia **orange, grapefruit, mandarin, minneola, and lemon** harvests continued. Netting was 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 began to climb. Growers began nighttime spraying to reduce evaporation during increasingly hot days. Irrigation increased with the high day and nighttime temperatures. **Almond** hull split began in some areas. Nut development continued in **pistachio, pecan, and walnut** orchards. Walnut shell hardening was complete in most varieties in the northern part of the state.

VEGETABLE CROPS

In the Sacramento Valley, organic cherry **tomatoes** continued to be harvested. In the San Joaquin Valley, **watermelon** and **cantaloupe** were picked, while **honeydew** continued to grow and flower. **Sweet corn, zucchini, eggplant, squash, and onions** continued to develop. In the Central Valley, **bell peppers** continued to develop. Eggplant, **garlic, carrots, onions, and squash** 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, eggplant, 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. Hot weather continued to dry out non-irrigated pasture. Irrigated pasture was in good to excellent condition. Bees were active in sunflower and melon 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 JUNE 30, 2024

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS ¹	PRECIPITATION ²			
	Average for Week Ending Jun 30, 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 - Jun 30, 2024	Jan 1 - Jun 30, 2024	Oct 1 - Jun 30, 2024	Week Ending Jun 30, 2024	Oct 1 - Jun 30, 2024	Oct 1 - Jun 30, 2024	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	57	0	65	50	NA	NA	NA	0.01	NA	NA	40.61
Ukiah	74	2	100	52	NA	NA	NA	0.00	NA	NA	35.07
Santa Rosa	68	1	90	46	NA	NA	NA	0.00	NA	NA	34.00
Napa State Hospital	67	1	84	49	NA	NA	NA	0.00	NA	NA	20.36
Central Coast											
San Francisco	61	-2	74	52	NA	NA	NA	0.00	NA	NA	19.77
San Jose	71	2	90	56	NA	NA	NA	0.00	NA	NA	13.58
Salinas	62	0	76	52	NA	NA	NA	0.00	NA	NA	12.66
Monterey	58	-3	69	50	NA	NA	NA	0.00	NA	NA	16.36
Paso Robles	75	4	98	51	NA	NA	NA	0.00	NA	NA	12.24
Sacramento Valley											
Redding	82	2	101	61	NA	NA	NA	0.00	NA	NA	33.70
Red Bluff	81	2	101	60	NA	NA	NA	0.00	NA	NA	23.25
Orland	79	2	98	63	NA	NA	NA	0.00	NA	NA	21.52
Oroville	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25.84
Marysville	79	3	102	59	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	79	3	102	59	NA	NA	NA	0.00	NA	NA	13.53
Modesto	82	5	101	64	NA	NA	NA	0.00	NA	NA	12.34
Merced	82	5	103	59	NA	NA	NA	0.00	NA	NA	11.87
Madera	82	4	105	58	NA	NA	NA	0.00	NA	NA	10.86
Fresno	86	5	105	67	NA	NA	NA	0.00	NA	NA	11.05
Lemoore	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.23
Visalia	86	8	104	68	NA	NA	NA	0.00	NA	NA	10.37
Bakersfield	87	5	106	68	NA	NA	NA	0.00	NA	NA	6.40
Cascade Sierra											
Alturas	65	1	91	42	NA	NA	NA	0.00	NA	NA	11.72
Mount Shasta	68	4	90	49	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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.65
South Coast											
Santa Maria	63	0	83	51	NA	NA	NA	0.00	NA	NA	13.42
Santa Barbara	67	3	80	58	NA	NA	NA	0.00	NA	NA	17.38
Oxnard	68	3	82	60	NA	NA	NA	0.00	NA	NA	13.05
Riverside	79	3	98	62	NA	NA	NA	0.00	NA	NA	9.48
Los Angeles	69	1	81	61	NA	NA	NA	0.00	NA	NA	12.33
San Diego	71	2	81	63	NA	NA	NA	0.00	NA	NA	9.87
Southeast Interior											
Bishop	82	7	103	62	NA	NA	NA	0.00	NA	NA	4.87
Daggett	94	7	111	77	NA	NA	NA	0.00	NA	NA	3.80
Lancaster	85	6	102	67	NA	NA	NA	0.00	NA	NA	6.86
Thermal	95	6	112	74	NA	NA	NA	0.00	NA	NA	2.98
Blythe	100	8	114	86	NA	NA	NA	0.00	NA	NA	3.58
Imperial	97	7	112	82	NA	NA	NA	0.00	NA	NA	2.39

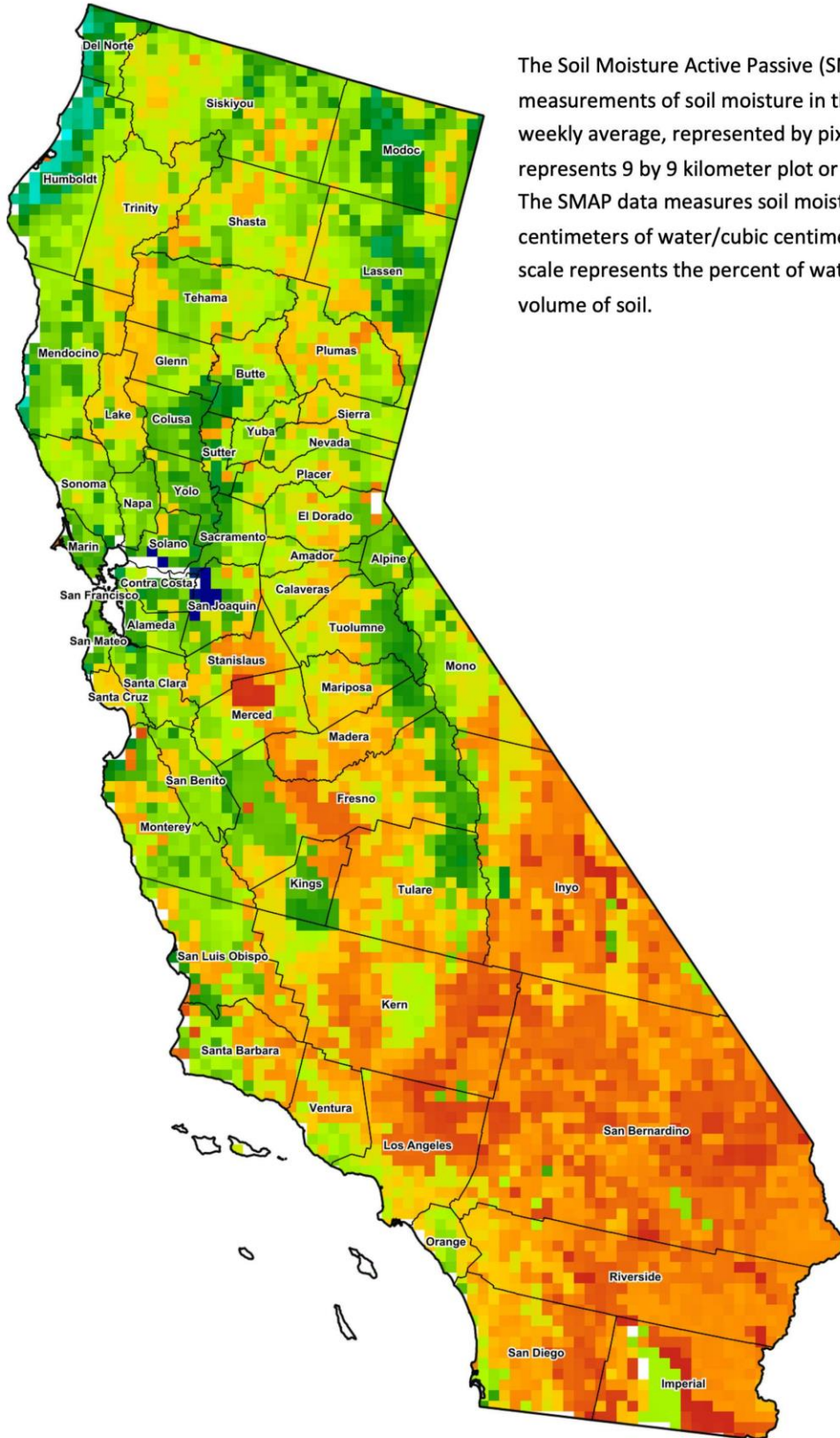
¹ Total number of days with precipitation events this season.
² Rain or melted snow/ice.
³ Normal periods 1990-2020 used in departure from normal calculations.
 (NA) Not available at time of publication.

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	June 30, 2024			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	3,999,757	88	113	4,274,586	94
Lake Oroville	3,537,400	3,251,866	92	121	3,510,933	99
Trinity Lake	2,443,800	2,045,567	84	109	1,426,881	58
New Melones Reservoir	2,413,000	2,004,334	84	133	2,037,961	85
San Luis Reservoir	2,057,200	1,001,165	49	91	1,961,256	96
Don Pedro Reservoir	2,030,000	1,906,932	94	114	1,770,484	87

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



Drought Conditions from the U.S. Drought Monitor as of 6/25/2024

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	97.18	2.82	0.00	0.00	0.00	0.00	3
Last Week	98.79	1.21	0.00	0.00	0.00	0.00	1
3 Months Ago	95.46	4.54	0.00	0.00	0.00	0.00	5
One Year Ago	71.88	23.49	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