



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
Pacific Region • 650 Capitol Mall, Suite 6-100 • Sacramento, CA 95814 • (916) 738-6600 • (855) 270-2722 FAX •  
[www.nass.usda.gov/ca](http://www.nass.usda.gov/ca)

**WEEK ENDING: May 19, 2024**  
**RELEASED: May 20, 2024**

**FREQUENCY: Weekly**  
**VOL. 44 NO. 60**

## WEATHER

Average low temperatures for California ranged from 32 to 59 in the mountains, 42 to 61 along the coast, 46 to 78 in the desert, and 51 to 68 in the Central Valley. Average high temperatures for the state ranged from 56 to 95 along the coast, 62 to 86 in the mountains, 80 to 103 in the desert, and 81 to 100 in the Central Valley. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 10.3 inches compared to 32.3 inches this date last year; Central Sierra was 8.2 inches compared to 39.3 inches this date last year; Southern Sierra was 4.4 inches compared to 36.7 inches this date last year.

## FIELD CROPS

In the Sacramento Valley, **rice** and **sunflower** planting continued. Herbicides were applied to rice fields. In the San Joaquin Valley, **cotton** planting neared completion. **Corn** fields were sprayed. **Alfalfa**, **oats**, and **wheat** were harvested for hay and silage. Along the Central Coast, **hay** was cut and baled. In Tulare County, winter forage silage harvest was in full swing. Harvested winter grain fields were fertilized, tilled, and planted with summer silage crops such as corn and **sorghum**. Cotton and corn silage fields that were furrowed and left fallow during the winter were tilled and planted. Corn silage fields were growing well. Alfalfa was cut, raked, and baled.

## FRUIT CROPS

Fruit orchards were fertilized and sprayed with fungicides, herbicides, and insecticides. Fruit developed in early variety **grape** and **kiwi** vineyards, while later varieties were in bloom. Stone fruit harvest continued with early season **apricots**, **peaches**, **nectarines**, and **cherries**. Reflective mylar sheeting was placed in orchards to speed up the coloring of stone fruit. **Plum**, **prune**, and **peach** orchards were pruned and thinned to promote fruit growth. Asian **pears** were developing fruit. Valencia **orange** harvest continued, while Navel orange harvest wound down. **Grapefruit**, **mandarin**, **minneola**, and **lemon** harvests continued. **Olive** bloom and fruit set continued. **Strawberries** and **blueberries** were harvested. Some older blueberry fields were removed. **Blackberry** vines bloomed. **Avocado** harvest continued in Ventura County.

## NUT CROPS

Irrigation season was in full swing. Nitrogen and potassium applications began in some orchards. Mummy sprays for navel orangeworm were applied. Growers continued to apply fungicides, herbicides, and insecticides when necessary. Pest pressure intensified with growers reporting presence of brown mites, navel orangeworm, and ants. Dead branches low in the canopy of **pistachio** and **walnut** trees were removed. **Almond** nut fill was well underway.

## VEGETABLE CROPS

Across California, **tomatoes** and **squash** continued to develop. In the Sacramento Valley, tomatoes, **beans**, and **melons** were planted. In the San Joaquin Valley, developing **sweet potatoes**, tomatoes, and beans were treated with insecticides and herbicides. In the Central Valley, **onions**, **sweet peas**, and garlic were harvested. **Zucchini**, **eggplant**, and melons were planted. Along the Central Coast, **broccoli**, **brussel sprouts**, **cauliflower**, **celery**, **kale**, **garlic**, and **lettuce** continued to be harvested. In the Imperial Valley, onions, **green onions**, **chili peppers**, green beans, **bell peppers**, **sweet corn**, and **carrots** were harvested.

## LIVESTOCK

Rangeland and non-irrigated pasture were reported to be in fair to good condition. Non-irrigated pasture in the San Joaquin Valley and westside hills was drying out due to the warmer weather. Irrigated pasture was in good to excellent condition. Bees were active in kiwi orchards. Sheep continued weed control activities in orchards. Some cattle were moved to upper elevation range.

**CALIFORNIA CROP WEATHER – WEEK ENDING MAY 19, 2024**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS <sup>1</sup>	PRECIPITATION <sup>2</sup>			
	Average for Week Ending May 19, 2024	Departure from Normal <sup>3</sup>	High	Low	This Year	Normal Year <sup>3</sup>	This Season	This Week	This Season	Normal Season <sup>3</sup>	Normal Year <sup>3</sup>
					Jan 1 - May 19, 2024	Jan 1 - May 19, 2024	Oct 1 - May 19, 2024	Week Ending May 19, 2024	Oct 1 - May 19, 2024	Oct 1 - May 19, 2024	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
<b>North Coast</b>											
Eureka WFO	53	-1	61	42	261	107	113	0.00	45.98	38.33	40.61
Ukiah	70	7	95	49	799	541	84	0.00	38.37	34.14	35.07
Santa Rosa	60	-1	76	49	700	534	75	0.00	37.48	33.11	34.00
Napa State Hospital	59	-1	70	48	643	511	65	0.00	19.91	19.79	20.36
<b>Central Coast</b>											
San Francisco	61	1	70	52	923	772	66	0.00	20.14	19.37	19.77
San Jose	66	3	80	54	1,200	867	64	0.00	17.06	13.16	13.58
Salinas	58	-1	67	50	833	741	61	0.04	14.73	12.38	12.66
Monterey	56	-2	65	50	600	684	71	0.00	17.34	15.95	16.36
Paso Robles	62	-1	82	44	642	613	49	0.00	18.09	11.97	12.24
<b>Sacramento Valley</b>											
Redding	76	8	99	55	1,152	801	74	0.00	31.31	31.61	33.70
Red Bluff	75	7	99	55	999	823	67	0.00	21.74	22.05	23.25
Orland	75	8	100	58	1,067	828	64	0.00	21.85	20.40	21.52
Oroville	75	7	98	56	1,166	899	61	0.00	21.09	24.91	25.84
Marysville	72	5	99	53	1,108	814	63	0.00	18.62	19.46	20.21
Sacramento	71	5	94	53	1,149	755	64	0.00	16.50	17.53	18.10
<b>San Joaquin Valley</b>											
Stockton	69	1	89	51	1,069	952	58	0.00	14.36	13.16	13.53
Modesto	70	2	90	53	969	966	61	0.00	17.53	11.90	12.34
Merced	72	4	91	54	1,071	835	55	0.00	15.21	11.54	11.87
Madera	73	5	94	53	1,078	932	54	0.00	9.98	10.50	10.86
Fresno	76	6	93	59	1,330	1,071	49	0.00	10.00	10.59	11.05
Lemoore	NA	NA	NA	NA	NA	930	NA	NA	NA	7.04	7.23
Visalia	76	8	90	57	1,252	919	46	0.00	10.12	10.07	10.37
Bakersfield	77	6	94	61	1,319	1,210	42	0.00	6.83	6.23	6.40
<b>Cascade Sierra</b>											
Alturas	56	3	83	33	81	31	75	0.00	10.00	9.63	11.72
Mount Shasta	63	8	86	42	227	77	83	0.00	39.87	34.93	37.86
Blue Canyon	64	11	79	48	245	38	86	0.00	58.89	59.43	62.80
Yosemite Valley	61	3	70	52	163	160	78	0.00	35.09	38.04	40.65
<b>South Coast</b>											
Santa Maria	58	-1	68	51	707	797	52	0.01	17.16	13.16	13.42
Santa Barbara	58	-2	65	52	985	869	43	0.00	25.17	17.05	17.38
Oxnard	60	-1	66	54	1,016	1,132	41	0.00	21.69	12.79	13.05
Riverside	65	-3	80	53	1,192	1,418	39	0.00	12.46	9.14	9.48
Los Angeles	61	-3	67	56	1,169	1,391	40	0.00	19.61	12.02	12.33
San Diego	63	-2	69	58	1,353	1,581	44	0.00	12.39	9.54	9.87
<b>Southeast Interior</b>											
Bishop	69	5	94	46	510	422	18	0.00	4.46	4.30	4.87
Daggett	NA	NA	NA	NA	NA	1,306	NA	NA	NA	3.10	3.80
Lancaster	74	6	94	54	740	716	33	0.02	8.02	6.51	6.86
Thermal	84	5	103	61	2,109	2,087	13	0.00	2.25	2.40	2.98
Blythe	84	4	103	64	2,122	2,205	15	0.00	2.78	2.57	3.58
Imperial	84	6	103	64	2,125	2,138	4	0.00	0.33	1.93	2.39

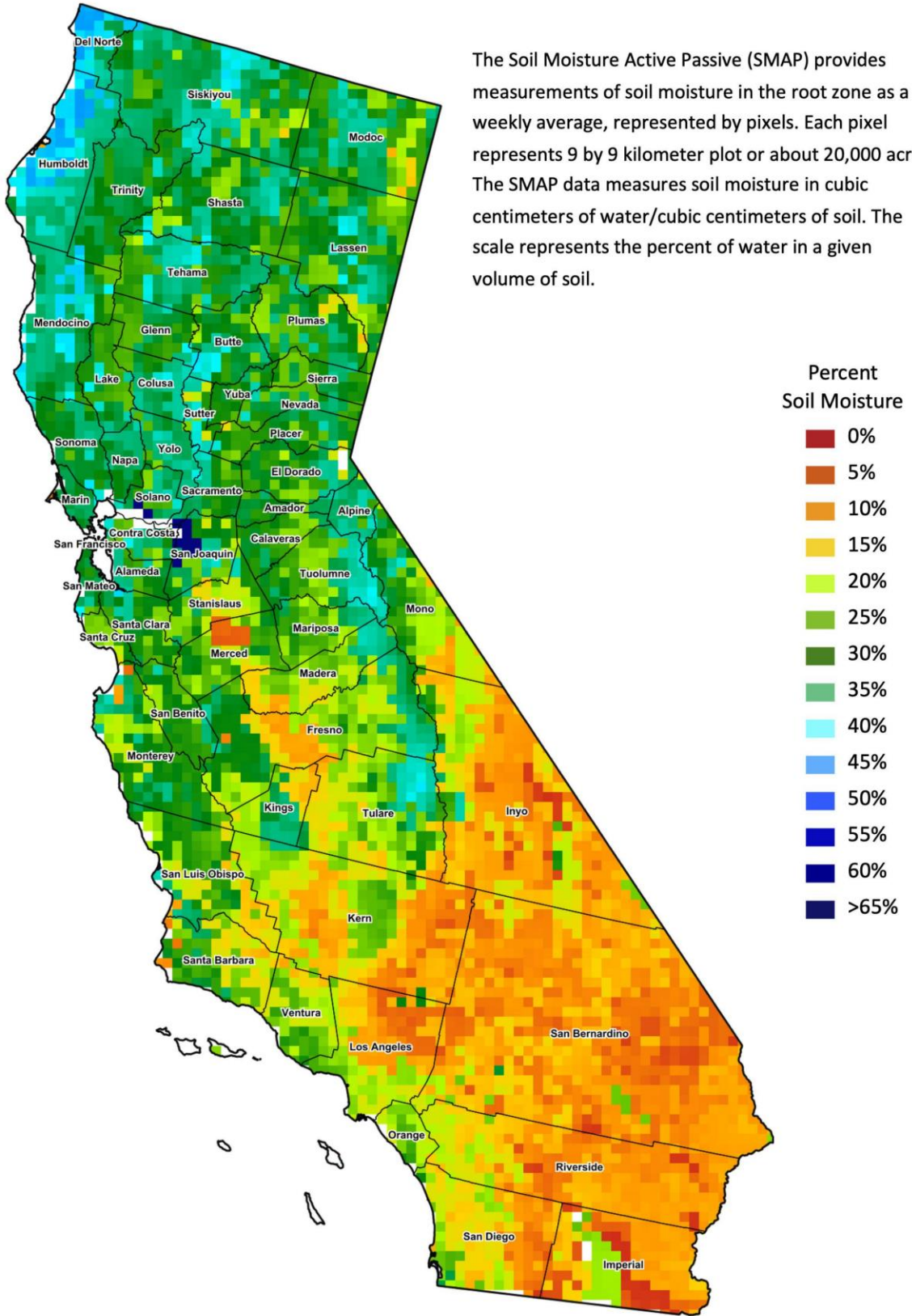
<sup>1</sup> Total number of days with precipitation events this season.  
<sup>2</sup> Rain or melted snow/ice.  
<sup>3</sup> Normal periods 1990-2020 used in departure from normal calculations.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.  
 All rights reserved.

**Reservoir Data from the California Department of Water Resources**

Reservoir	Capacity	May 20, 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	4,392,809	97	115	4,455,936	98
Lake Oroville	3,537,400	3,527,307	100	127	3,388,465	96
Trinity Lake	2,443,800	2,118,880	87	110	1,095,787	45
New Melones Reservoir	2,413,000	2,085,742	87	140	1,661,239	69
San Luis Reservoir	2,057,200	1,299,916	64	86	1,966,283	96
Don Pedro Reservoir	2,030,000	1,854,751	91	116	1,485,450	73

Source: [cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO](https://cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO)



**Drought Conditions from the U.S. Drought Monitor as of 5/14/2024**

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	98.77	1.23	0.00	0.00	0.00	0.00	1
Last Week	97.32	2.68	0.00	0.00	0.00	0.00	3
3 Months Ago	92.81	7.19	0.00	0.00	0.00	0.00	7
One Year Ago	68.02	26.03	5.95	0.00	0.00	0.00	38

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)