



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: April 21, 2024**  
**RELEASED: April 22, 2024**

**FREQUENCY: Weekly**  
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## WEATHER

Average low temperatures for California ranged from 24 to 52 in the mountains, 33 to 67 in the desert, 39 to 60 along the coast, and 41 to 60 in the Central Valley. Average high temperatures for the state ranged from 44 to 76 in the mountains, 56 to 88 in the Central Valley, 56 to 86 along the coast, and 67 to 99 in the desert. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 31.5 inches compared to 56.5 inches this date last year; Central Sierra was 25.2 inches compared to 57.5 inches this date last year; Southern Sierra was 19.6 inches compared to 59.7 inches this date last year.

## FIELD CROPS

In the Sacramento Valley, heading out in **wheat** fields progressed. Most **rice** field planting was delayed, but some planting began. In the San Joaquin Valley, **cotton** planting began. **Dry bean** fields were prepped and planted. In Tulare County, wheat, **alfalfa**, **oats**, and **barley** continued to grow well. Some fields were cut. Winter grains were treated for pests, and herbicides and fungicides were applied. Cotton fields were prepared for planting, with a few fields already planted. In Stanislaus County, **corn** was sprayed with herbicides.

## FRUIT CROPS

Fruit orchards were sprayed with fungicides, herbicides, and insecticides. **Grape** vineyards continued leafing out and crews cleaned up the rows. Fruit trees were thinned, and fruit development continued in **apricot**, **cherry**, **peach**, **nectarine**, and **plum** orchards. Apricots and cherries began to turn color. **Persimmon** leaf development continued. **Pomegranate** bloom buds continued to develop. **Kiwifruit** continued leafing out and growing new vines. Citrus bloom was in full swing in Districts 1 through 3. **Mandarin** and **Clementine** groves were netted to prevent pollination. Late variety Navel **orange**, **grapefruit**, and **lemon** harvests neared completion. **Minneola** harvest continued and Valencia orange harvest began. Skirting and topping of citrus groves continued. **Olive** trees continued to bloom. In Tulare County, **strawberry** harvest continued, **blackberry** leaves continued to emerge, and **blueberry** fruit developed. **Raspberry**, blueberry, blackberry and strawberry growth improved with warmer temperatures along the coast. **Avocado** harvest continued in Ventura County.

## NUT CROPS

**Pecan**, **pistachio**, and **walnuts** continued leafing out. **Almond** growers applied fungicides, herbicides, and pesticides. Almonds continued to develop across the state. Some older walnut groves were removed. Walnut and pistachio bloom continued, and pollination was underway. Walnuts were sprayed for weevils.

## VEGETABLE CROPS

Across the state, spring **tomato** planting continued. In the Sacramento Valley, organic **asparagus** harvest continued. Along the Central Coast, **broccoli**, **brussel sprouts**, **cauliflower**, **celery**, **kale**, and **lettuce** were harvested. In the Salinas Valley, lettuce quality issues were reported due to rain and cold weather. In the San Joaquin Valley, melon fields were prepped and planted. In the Central Valley, **garlic**, **peas**, and **onions** were harvested. **Carrot** and onion harvests continued in the Imperial Valley.

## LIVESTOCK

Rangeland and non-irrigated pasture flourished due to recent rain-sustaining soil moisture levels. Irrigated pasture was in good to excellent condition. Pasture irrigation system maintenance was ongoing. Bees were active in citrus groves. Sheep continued weed control activities in orchards. Calving season was underway. Cattle grazed on lower elevation range.

**CALIFORNIA CROP WEATHER – WEEK ENDING APRIL 21, 2024**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS <sup>1</sup>	PRECIPITATION <sup>2</sup>			
	Average for Week Ending Apr 21, 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 - Apr 21, 2024	Jan 1 - Apr 21, 2024	Oct 1 - Apr 21, 2024	Week Ending Apr 21, 2024	Oct 1 - Apr 21, 2024	Oct 1 - Apr 21, 2024	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
<b>North Coast</b>											
Eureka WFO	50	-1	62	40	179	21	102	0.00	42.67	36.41	40.61
Ukiah	63	7	86	44	432	234	83	0.00	37.22	32.84	35.07
Santa Rosa	60	4	80	39	398	273	74	0.00	36.66	31.85	34.00
Napa State Hospital	59	3	77	41	394	254	64	0.00	19.22	19.02	20.36
<b>Central Coast</b>											
San Francisco	60	2	76	50	628	508	65	0.00	19.19	18.80	19.77
San Jose	64	5	81	48	803	533	63	0.00	16.39	12.70	13.58
Salinas	59	2	79	44	590	494	58	0.00	13.97	11.95	12.66
Monterey	55	0	65	47	416	480	67	0.00	16.51	15.44	16.36
Paso Robles	60	3	83	40	362	288	48	0.00	18.04	11.64	12.24
<b>Sacramento Valley</b>											
Redding	67	7	87	47	628	369	72	0.00	29.72	29.95	33.70
Red Bluff	66	6	84	47	516	389	63	0.00	21.05	20.90	23.25
Orland	64	4	82	47	561	406	60	0.13	20.87	19.36	21.52
Oroville	67	6	86	48	652	453	59	0.00	19.44	23.87	25.84
Marysville	66	6	85	46	640	391	61	0.00	17.56	18.56	20.21
Sacramento	66	7	87	48	670	357	62	0.00	15.81	16.88	18.10
<b>San Joaquin Valley</b>											
Stockton	64	3	85	45	626	507	56	0.00	13.85	12.55	13.53
Modesto	64	3	83	44	520	518	60	0.00	16.76	11.27	12.34
Merced	65	5	84	46	599	406	54	0.00	14.65	10.93	11.87
Madera	65	4	85	41	612	481	52	0.00	9.52	10.02	10.86
Fresno	68	5	85	47	786	571	47	0.00	9.65	10.09	11.05
Lemoore	65	4	88	42	620	465	37	0.00	7.00	6.64	7.23
Visalia	65	4	85	47	732	475	45	0.18	9.72	9.60	10.37
Bakersfield	67	3	86	45	772	683	41	0.00	6.73	5.93	6.40
<b>Cascade Sierra</b>											
Alturas	46	1	70	24	6	0	68	0.00	8.89	8.44	11.72
Mount Shasta	52	5	76	31	53	0	79	0.00	38.29	33.08	37.86
Blue Canyon	54	9	70	31	88	0	81	0.00	54.78	55.50	62.80
Yosemite Valley	50	-1	60	28	32	9	73	0.00	33.20	35.72	40.65
<b>South Coast</b>											
Santa Maria	58	1	75	42	490	553	50	0.00	17.07	12.71	13.42
Santa Barbara	57	-1	69	46	739	587	42	0.00	25.08	16.58	17.38
Oxnard	58	-1	70	46	755	829	40	0.00	21.62	12.41	13.05
Riverside	64	1	84	46	782	957	38	0.00	12.34	8.86	9.48
Los Angeles	59	-2	72	47	852	1,021	38	0.00	19.49	11.71	12.33
San Diego	63	0	72	52	979	1,170	43	0.00	12.35	9.20	9.87
<b>Southeast Interior</b>											
Bishop	61	5	86	36	178	119	17	0.00	4.44	4.11	4.87
Daggett	71	5	94	45	738	708	21	0.00	4.07	3.04	3.80
Lancaster	64	5	89	33	292	302	31	0.00	7.98	6.37	6.86
Thermal	75	4	97	50	1,299	1,346	13	0.00	2.25	2.38	2.98
Blythe	76	3	99	53	1,319	1,427	15	0.00	2.78	2.53	3.58
Imperial	74	3	96	51	1,360	1,412	4	0.00	0.33	1.87	2.39

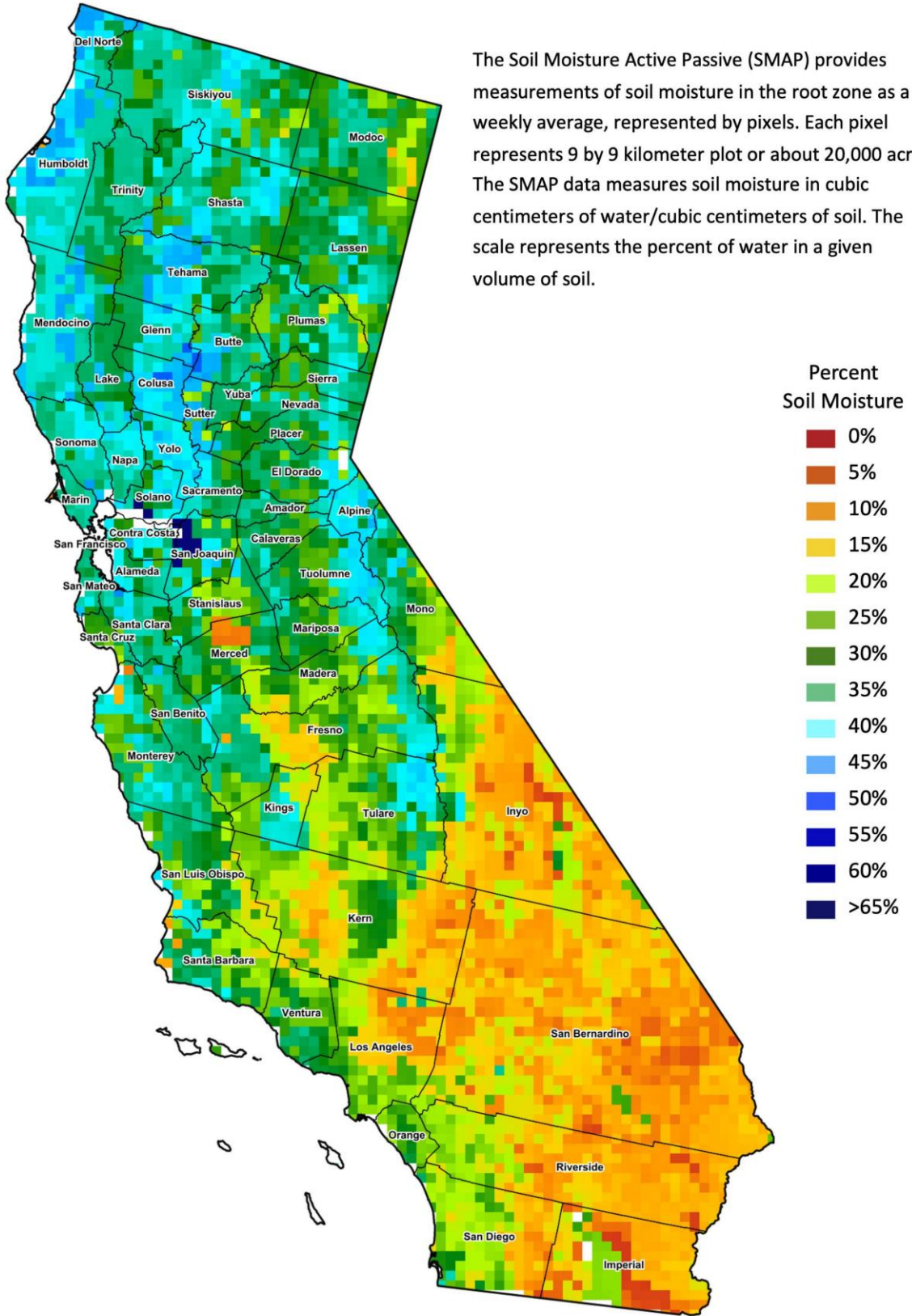
<sup>1</sup> Total number of days with precipitation events this season.  
<sup>2</sup> Rain or melted snow/ice.  
<sup>3</sup> Normal periods 1990-2020 used in departure from normal calculations.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.  
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**Reservoir Data from the California Department of Water Resources**

Reservoir	Capacity	April 21, 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	4,374,790	96	116	4,301,041	94
Lake Oroville	3,537,400	3,302,063	93	124	3,155,975	89
Trinity Lake	2,443,800	2,097,962	86	112	868,128	86
New Melones Reservoir	2,413,000	2,044,906	85	137	1,471,444	61
San Luis Reservoir	2,057,200	1,474,650	72	86	2,015,523	99
Don Pedro Reservoir	2,030,000	1,709,509	84	111	1,582,650	78

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



**Drought Conditions from the U.S. Drought Monitor as of 4/16/2024**

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	97.32	2.68	0.00	0.00	0.00	0.00	3
Last Week	97.32	2.68	0.00	0.00	0.00	0.00	3
3 Months Ago	96.65	3.35	0.00	0.00	0.00	0.00	3
One Year Ago	65.67	25.55	8.79	0.00	0.00	0.00	43

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](https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA)