



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: May 12, 2024
RELEASED: May 13, 2024

FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 28 to 56 in the mountains, 32 to 70 in the desert, 34 to 61 along the coast, and 40 to 65 in the Central Valley. Average high temperatures for the state ranged from 50 to 83 in the mountains, 54 to 93 along the coast, 63 to 95 in the Central Valley, and 71 to 102 in the desert. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 16.8 inches compared to 42.1 inches this date last year; Central Sierra was 13.6 inches compared to 47.4 inches this date last year; Southern Sierra was 7.7 inches compared to 45.1 inches this date last year.

FIELD CROPS

In the Sacramento Valley, **rice** and **sunflower** planting continued. **Corn**, **safflower**, and other row crops continued to grow. In the San Joaquin Valley, **cotton** planting neared completion. Corn fields were sprayed for insects and weeds. **Alfalfa**, **oats** and **wheat** were harvested for hay and silage. Along the Central Coast, hay was cut and baled. In Tulare County, winter grain and forage crop harvests neared completion. Oats were cut, dried, and baled. Cotton fields that have been planted were sprouting. Alfalfa fields were irrigated and some fields were mowed and baled. Corn fields were growing well.

FRUIT CROPS

Fruit orchards were fertilized, and sprayed with fungicides, herbicides, and insecticides. **Grape** vineyards were pruned and vines tied. Stone fruit harvest continued with early season **apricots**, **peaches**, **nectarines**, and **cherries**. Reflective mylar sheeting was placed in orchards to speed up coloring of stone fruit. **Plum** and **peach** orchards were pruned and thinned to promote fruit growth. **Pomegranate** bloom buds continued to develop. **Persimmon** orchards were pruned and leaf set advanced. Citrus bloom finished. Navel **orange**, **grapefruit**, **mandarin**, **minneola**, and **lemon** harvests continued. Packing houses reported heavy thrip damage to citrus crops. **Olive** bloom and fruit set continued. Bees were active in **kiwi** vineyards. **Strawberries** and **blueberries** were harvested. **Blackberry** vines began to bloom. **Avocado** harvest continued in Ventura County.

NUT CROPS

Growers continued to apply fungicides, herbicides, and insecticides when necessary. Brown mites were reported and sprayed for in some almond orchards. **Almond** and **pistachio** nut development continued with irrigation and moderate spring temperatures. Almond sizing was adequate and tree health was good overall. **Pecan** and **walnut** bloom continued. Walnut blight was reported in some areas. Some older walnut groves were removed.

VEGETABLE CROPS

Across California, processing **tomatoes** and **squash** continued to develop. Organic **asparagus** harvest continued in the Sacramento Valley. **Sweet potatoes**, melons, and **snap beans** were planted in the San Joaquin Valley. Along the Central Coast, **broccoli**, **brussel sprouts**, **cauliflower**, **celery**, **kale**, **garlic**, and **lettuce** were harvested. In the Salinas Valley, cool weather slowed iceberg lettuce production. In the Central Valley, **onions**, **sweet peas**, and garlic were harvested and sold at roadside stands. In the California Desert, onions and **carrots** were harvested. **Bell peppers** were harvested in the Coachella Valley.

LIVESTOCK

Rangeland and non-irrigated pasture were beginning to dry out, though still in good condition. Irrigated pasture was in excellent condition. Bees were removed from citrus groves. Sheep continued weed control activities in orchards. Cattle grazed on lower elevation range.

CALIFORNIA CROP WEATHER – WEEK ENDING MAY 12, 2024

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS ¹	PRECIPITATION ²			
	Average for Week Ending May 12, 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 - May 12, 2024	Jan 1 - May 12, 2024	Oct 1 - May 12, 2024	Week Ending May 12, 2024	Oct 1 - May 12, 2024	Oct 1 - May 12, 2024	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	54	1	76	41	238	78	112	0.01	46.08	37.98	40.61
Ukiah	65	4	93	39	661	447	84	0.00	38.37	33.89	35.07
Santa Rosa	63	4	90	38	625	456	75	0.00	37.48	32.81	34.00
Napa State Hospital	61	2	85	38	576	435	65	0.00	19.91	19.61	20.36
Central Coast											
San Francisco	63	4	84	49	845	700	66	0.00	20.14	19.26	19.77
San Jose	66	4	86	45	1,083	773	64	0.00	17.06	13.09	13.58
Salinas	61	2	81	41	784	672	60	0.00	14.69	12.30	12.66
Monterey	57	0	79	43	552	628	71	0.00	17.34	15.83	16.36
Paso Robles	62	0	91	34	558	516	49	0.00	18.09	11.89	12.24
Sacramento Valley											
Redding	70	4	93	47	966	670	74	0.00	31.31	31.20	33.70
Red Bluff	69	3	94	43	822	693	67	0.00	21.74	21.75	23.25
Orland	68	2	88	45	891	705	64	0.00	21.85	20.11	21.52
Oroville	70	4	94	47	990	769	61	0.00	21.09	24.67	25.84
Marysville	69	3	93	45	951	691	63	0.00	18.62	19.24	20.21
Sacramento	69	4	95	46	1,001	638	64	0.00	16.50	17.39	18.10
San Joaquin Valley											
Stockton	67	1	92	44	933	824	58	0.00	14.36	13.03	13.53
Modesto	67	1	91	42	823	837	61	0.00	17.53	11.75	12.34
Merced	67	1	93	43	914	709	55	0.00	15.21	11.42	11.87
Madera	67	0	94	41	916	802	54	0.00	9.98	10.40	10.86
Fresno	70	2	93	45	1,143	927	49	0.00	10.00	10.50	11.05
Lemoore	NA	NA	NA	NA	NA	794	NA	NA	NA	6.94	7.23
Visalia	66	0	93	45	1,069	789	46	0.00	10.12	9.99	10.37
Bakersfield	70	1	93	43	1,126	1,059	43	0.00	6.84	6.18	6.40
Cascade Sierra											
Alturas	50	-1	78	28	33	9	75	0.00	10.00	9.34	11.72
Mount Shasta	55	2	83	31	133	38	83	0.00	39.87	34.44	37.86
Blue Canyon	53	2	71	31	147	12	86	0.00	58.89	58.46	62.80
Yosemite Valley	50	-6	63	28	77	104	78	0.09	35.09	37.50	40.65
South Coast											
Santa Maria	58	0	75	43	644	730	51	0.00	17.15	13.08	13.42
Santa Barbara	57	-3	67	45	921	792	43	0.00	25.17	16.95	17.38
Oxnard	59	-2	68	47	944	1,049	41	0.00	21.69	12.71	13.05
Riverside	66	-1	84	47	1,085	1,291	39	0.00	12.46	9.10	9.48
Los Angeles	61	-2	70	52	1,085	1,293	39	0.00	19.61	11.96	12.33
San Diego	63	-1	69	50	1,258	1,476	44	0.00	12.39	9.47	9.87
Southeast Interior											
Bishop	58	-3	86	32	374	324	18	0.00	4.46	4.24	4.87
Daggett	69	-3	93	46	1,151	1,133	21	0.00	4.07	3.09	3.80
Lancaster	64	-1	90	38	574	590	32	0.00	8.00	6.49	6.86
Thermal	78	1	102	52	1,867	1,881	13	0.00	2.25	2.39	2.98
Blythe	76	-2	99	55	1,879	1,989	15	0.00	2.78	2.56	3.58
Imperial	75	-1	98	51	1,885	1,938	4	0.00	0.33	1.91	2.39

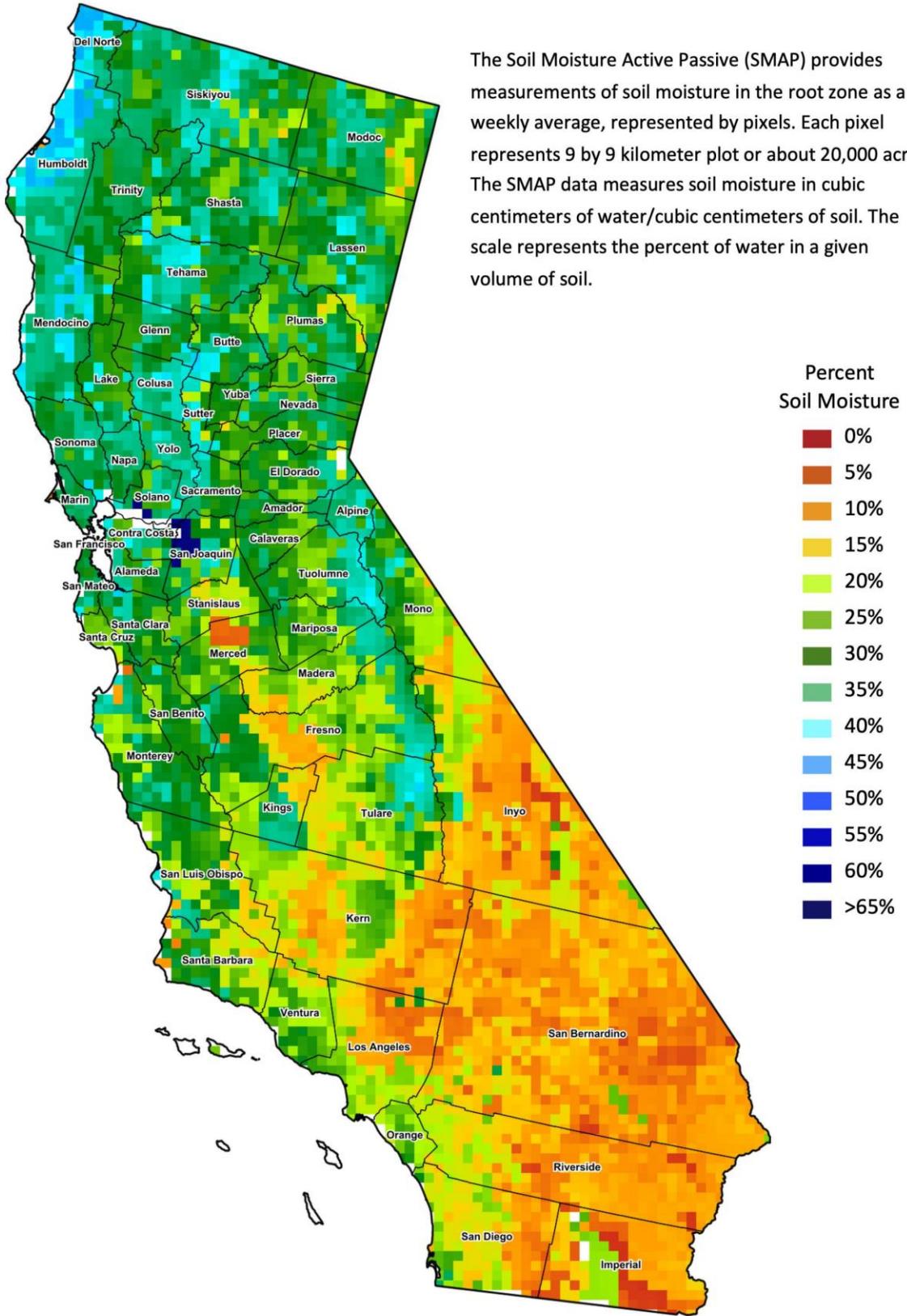
¹ Total number of days with precipitation events this season.
² Rain or melted snow/ice.
³ Normal periods 1990-2020 used in departure from normal calculations.

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	May 13, 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	4,371,027	96	114	4,449,775	98
Lake Oroville	3,537,400	3,512,348	99	127	3,381,115	96
Trinity Lake	2,443,800	2,081,307	85	108	967,614	40
New Melones Reservoir	2,413,000	2,062,556	86	138	1,586,131	66
San Luis Reservoir	2,057,200	1,337,970	66	85	2,009,566	98
Don Pedro Reservoir	2,030,000	1,812,237	89	115	1,470,210	72

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



At time of publishing, current soil moisture data (April 22 – 28, 2024) was not available.

Drought Conditions from the U.S. Drought Monitor as of 5/7/2024

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	92.84	7.16	0.00	0.00	0.00	0.00	7
One Year Ago	68.02	31.98	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