



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

WEEK ENDING: April 7, 2024
RELEASED: April 8, 2024

FREQUENCY: Weekly
VOL. 44 NO. 54

WEATHER

Average low temperatures for California ranged from 19 to 46 in the mountains, 22 to 58 in the desert, 30 to 54 along the coast, and 33 to 53 in the Central Valley. Average high temperatures for the state ranged from 24 to 77 in the mountains, 49 to 82 in the Central Valley, 49 to 81 along the coast, and 50 to 87 in the desert. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 34.9 inches compared to 57.9 inches this date last year; Central Sierra was 29.0 inches compared to 62.8 inches this date last year; Southern Sierra was 21.4 inches compared to 62.5 inches this date last year.

FIELD CROPS

Across the state, ground preparations and planting were temporarily halted due to wet soil conditions. In the Sacramento Valley, **wheat** began to head. In the San Joaquin Valley, **cotton** fieldwork continued as the weather allowed. In the Central Valley, rain stalled the harvest of **alfalfa**. In Tulare County, wheat, **oats**, and **barley** continued to grow, and some fields were cut. Winter grains were treated for pests, and herbicides and fungicides were applied between storms. Cotton fields were prepared for planting. In San Luis Obispo County, lodging was observed in winter grain fields due to excessive rain during the week.

FRUIT CROPS

Grape vineyards were cleaned, and new growth was observed. **Plum, peach, prune, nectarine, persimmon, pomegranate, and cherry** orchards were leafing out, and fungicides were applied. Fruit trees were thinned as fruit development continued. **Kiwifruit** began leafing out. Citrus bloom was in full swing, and hives were placed in many groves. **Mandarin** groves were netted to prevent pollination. Late variety Navel **orange, grapefruit, and lemon** harvests were beginning to wrap up. **Olive** trees began to bloom. In Tulare County, **strawberry** harvest began, **blackberry** leaves emerged, and **blueberry** fields were pollinated. Strawberry harvest began along the Central Coast. **Avocado** harvest continued in Ventura County.

NUT CROPS

Almond growers applied fungicides, herbicides, and pesticides. Ideal weather conditions with periods of rain and mild temperatures have promoted even nut and shoot growth. Some older **walnut** groves were removed. Walnut catkins were present. **Pistachio** orchards began breaking dormancy with leaves emerging.

VEGETABLE CROPS

In the Sacramento Valley, groundwork was halted by rain, and potential damage to crops was reported due to hail in some areas. **Tomatoes** were planted between storms. In the San Joaquin Valley, tomato and **melon** fields were prepared for planting. In the Central Valley, **garlic, onions, and sweet peas** were harvested and sold at roadside stands. Tomato fields were prepared for planting. **Broccoli, cauliflower, celery, garlic, kale, and lettuce** were harvested along the Central Coast. Rain, cool temperatures, and strong winds hampered growth. **Carrots** were harvested in the Imperial Valley where growers were unaffected by the recent storms.

LIVESTOCK

Rangeland and non-irrigated pasture were a lush green with grasses and forbs. Irrigated pasture was in good to excellent condition. When weather permitted, bees were active in stone fruit orchards. Sheep continued to be used for weed control in orchards. Cattle grazed on lower elevation range.

CALIFORNIA CROP WEATHER – WEEK ENDING APRIL 7, 2024

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE		RAIN DAYS ¹	PRECIPITATION ²			
	Average for Week Ending Apr 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 - Apr 7, 2024	Jan 1 - Apr 7, 2024	Oct 1 - Apr 7, 2024	Week Ending Apr 7, 2024	Oct 1 - Apr 7, 2024	Oct 1 - Apr 7	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	47	-3	61	37	170	5	100	0.15	42.06	34.68	40.61
Ukiah	52	-2	81	35	284	150	80	0.46	36.56	31.63	35.07
Santa Rosa	53	-2	77	35	282	183	71	0.35	36.11	30.84	34.00
Napa State Hospital	51	-3	73	34	283	169	63	0.62	18.88	18.41	20.36
Central Coast											
San Francisco	54	-3	71	44	501	400	63	0.50	18.92	18.16	19.77
San Jose	56	-2	76	42	625	406	61	0.34	15.92	12.17	13.58
Salinas	53	-3	73	41	468	396	56	0.49	13.51	11.50	12.66
Monterey	52	-3	67	41	347	400	65	0.85	15.99	14.95	16.36
Paso Robles	51	-4	76	30	246	186	46	0.38	16.69	11.39	12.24
Sacramento Valley											
Redding	55	-2	81	39	419	237	70	0.36	28.62	28.82	33.70
Red Bluff	54	-3	78	37	333	255	61	0.79	20.28	20.17	23.25
Orland	53	-4	77	39	373	266	57	0.78	20.09	18.72	21.52
Oroville	55	-3	75	39	459	306	56	0.20	18.33	23.00	25.84
Marysville	53	-4	76	38	456	258	59	0.19	16.99	17.90	20.21
Sacramento	54	-2	77	37	481	231	61	0.28	15.24	16.28	18.10
San Joaquin Valley											
Stockton	54	-5	78	37	452	352	54	1.14	12.90	12.02	13.53
Modesto	53	-6	76	36	354	360	58	0.61	15.79	10.80	12.34
Merced	54	-3	78	36	421	269	53	0.57	13.64	10.37	11.87
Madera	54	-4	81	38	432	330	50	0.33	8.65	9.58	10.86
Fresno	56	-4	80	40	562	398	45	0.32	8.61	9.61	11.05
Lemoore	55	-3	82	33	435	310	35	0.03	6.06	6.44	7.23
Visalia	57	-1	80	41	540	325	43	0.49	9.05	9.17	10.37
Bakersfield	56	-5	82	37	561	496	39	0.23	6.18	5.65	6.40
Cascade Sierra											
Alturas	40	-2	72	22	3	0	66	0.31	8.40	7.71	11.72
Mount Shasta	45	0	77	29	22	0	76	0.04	36.07	31.72	37.86
Blue Canyon	37	-6	60	22	32	0	79	1.03	54.47	53.07	62.80
Yosemite Valley	31	-17	50	19	9	0	71	2.07	32.43	33.91	40.65
South Coast											
Santa Maria	52	-4	72	36	387	454	48	0.63	15.16	12.31	13.42
Santa Barbara	54	-3	69	42	636	471	40	0.28	24.34	16.20	17.38
Oxnard	55	-3	67	42	632	705	38	0.18	20.69	12.08	13.05
Riverside	56	-6	80	40	598	772	36	0.05	12.25	8.57	9.48
Los Angeles	56	-4	68	44	720	860	36	0.08	19.05	11.44	12.33
San Diego	58	-4	70	47	815	983	42	0.12	12.31	8.90	9.87
Southeast Interior											
Bishop	47	-6	75	22	59	44	17	0.00	4.44	4.01	4.87
Daggett	57	-6	81	38	498	491	20	0.01	3.99	2.93	3.80
Lancaster	50	-6	75	32	152	176	29	0.07	7.87	6.20	6.86
Thermal	63	-6	87	41	973	1,050	13	0.00	2.25	2.34	2.98
Blythe	63	-7	85	44	979	1,114	15	0.01	2.78	2.49	3.58
Imperial	63	-6	86	45	1,048	1,117	4	0.00	0.33	1.83	2.39

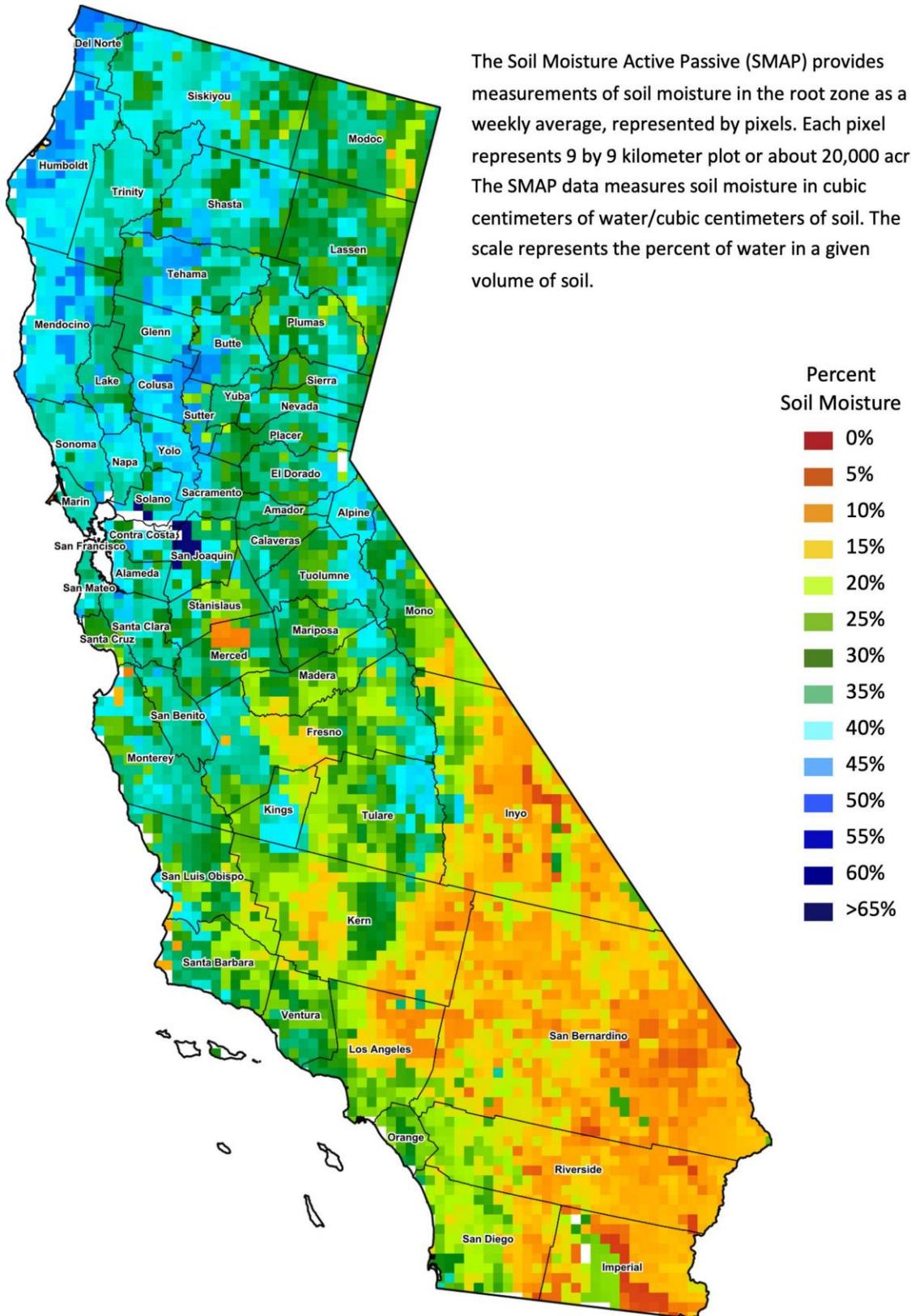
¹ Total number of days with precipitation events this season.
² Rain or melted snow/ice.
³ Normal periods 1990-2020 used in departure from normal calculations.

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

Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	April 8, 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	4,303,923	95	118	3,926,774	86
Lake Oroville	3,537,400	3,145,211	89	123	2,954,051	84
Trinity Lake	2,443,800	2,003,352	82	110	912,980	37
New Melones Reservoir	2,413,000	2,020,770	84	136	1,411,421	59
San Luis Reservoir	2,057,200	1,505,387	74	86	2,028,344	99
Don Pedro Reservoir	4,547,300	1,703,839	84	111	1,704,972	84

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



Drought Conditions from the U.S. Drought Monitor as of 4/2/2024

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	95.46	4.54	0.00	0.00	0.00	0.00	5
Last Week	95.46	4.54	0.00	0.00	0.00	0.00	5
3 Months Ago	96.65	3.35	0.00	0.00	0.00	0.00	3
One Year Ago	56.17	18.97	24.04	0.82	0.00	0.00	70

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