



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: May 7, 2023
RELEASED: May 1, 2023

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 27 to 42 in the mountains, 32 to 68 in the desert, 40 to 58 along the coast, and 41 to 55 in the Central Valley. Average highs for the state ranged from 32 to 63 in the mountains, 51 to 74 along the coast, 57 to 105 in the desert, and 58 to 94 in the Central Valley. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 45.60 inches compared to 3.90 inches this date last year; Central Sierra was 49.80 inches compared to 4.70 inches this date last year; Southern Sierra was 50.40 inches compared to 1.70 inches this date last year. California DWR CIMIS stations recorded 1,766 chill hours at Gerber; 1,592 chill hours at Williams; 1,596 chill hours at Holt; 1,795 chill hours at Merced; 1,526 chill hours at Fresno; and 1,412 chill hours at Arvin.

FIELD CROPS

In the Sacramento Valley, **rice** planting continued. Warm dry weather was replaced with some rain and cooler temperatures. Newly planted **corn** fields progressed. In Stanislaus County, **wheat** and **oat** hay and silage harvest continued. In the San Joaquin Valley, a significant amount of wheat hay was rained on which prevented the first cutting. **Cotton** fields were tilled, and late planting was underway. Some cotton fields remained flooded. In Tulare County, winter grain and forage crops were treated for pests. A few winter forage fields were harvested for silage, however most fields continued to mature with additional irrigation. Harvest began for wheat and oat fields. Cotton and corn silage fields were tilled and planted. Alfalfa fields were cut for haylage, and also cut, raked, and baled.

FRUIT CROPS

Grape buds continued to open and leaf out. Some bloom clusters were present. Grapes were sprayed for weeds and mildew. Navel **orange** harvest slowed while Valencia orange harvest continued. **Lemons, grapefruit** and **mandarins** continued to be picked and packed. Seedless varieties of mandarins were netted to prevent pollination. **Kiwi** growers placed bee apiaries in groves as kiwi vines started to leaf out and bloom. **Cherries** continued to develop. Growers placed reflective foil in cherry orchards to improve color before harvest. **Apples** were sprayed for fire blight. **Blueberries** were irrigated and early harvest began in some areas. **Strawberries** continued to be picked.

NUT CROPS

Pests began to appear with rising temperatures. Growers applied fungicides because of continued rainfall. Early variety **pistachios** have passed full bloom and have begun forming nutlets; later varieties continued to bloom and leaf out. Some pistachio growers started small plant bug treatments to protect nutlets from damage. Meat fill began in some early variety **almonds**. **Walnuts** and **pecans** were tasseling and leafing out.

VEGETABLE CROPS

In the Sacramento Valley, **asparagus** harvest slowed due to light rain. Processing **tomato** planting continued. **Corn** fields grew well with warmer weather. In Stanislaus County, tomato and **sweet potato** fields were treated for pests. In Tulare County, **cucumber, zucchini**, and tomato planting continued. **Cabbage, broccoli, lettuce, garlic**, and **onions** continued to grow. Improved quality was noted on late plantings of lettuce, cabbage, and **cilantro** in Kern County.

LIVESTOCK

Foothill rangeland and non-irrigated pasture grasses and forbs were flourishing. Irrigated pasture was reported to be in good to excellent condition. Bee hive movement out of state continued. Cattle grazed on lower elevation range. Sheep grazed on fallow fields and retired farmland.

CALIFORNIA CROP WEATHER – WEEK ENDING MAY 7, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending May 7, 2023	Departure from Normal ⁴	High	Low	This Year	Normal Year ⁴	This Season	This Week	This Season	Normal Season ⁴	Normal Year ⁴
					Jan 1 - May 7, 2023	Jan 1 - May 7, 2023	Oct 1 - May 7, 2023	Week Ending May 7, 2023	Oct 1 - May 7, 2023	Oct 1 - May 7	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
North Coast							10				
Eureka WFO	50	-2	58	42	84	60	6	0.83	39.19	37.48	40.61
Ukiah	53	-7	65	44	314	384	81	1.05	38.54	33.43	35.07
Santa Rosa	54	-5	64	42	365	404	73	0.78	41.77	32.36	34.00
Napa State Hospital	55	-3	66	42	374	383	68	0.63	29.45	19.33	20.36
Central Coast											
San Francisco	56	-3	65	50	514	645	72	0.72	31.38	19.05	19.77
San Jose	57	-4	67	49	518	705	64	0.43	15.22	12.91	13.58
Salinas	NA	NA	NA	NA	NA	623	NA	NA	NA	12.15	12.66
Monterey	53	-4	62	46	285	583	62	0.56	23.64	15.62	16.36
Paso Robles	53	-8	74	40	377	451	63	0.37	20.90	11.74	12.24
Sacramento Valley											
Redding	56	-8	70	47	488	583	73	2.48	38.82	30.74	33.70
Red Bluff	56	-9	70	46	482	606	67	0.47	26.36	21.42	23.25
Orland	NA	NA	NA	NA	NA	620	NA	NA	NA	19.80	21.52
Oroville	NA	NA	NA	NA	NA	679	NA	NA	NA	24.32	25.84
Marysville	56	-8	69	43	499	605	56	1.19	22.68	18.94	20.21
Sacramento	57	-6	69	45	579	558	63	1.12	24.66	17.14	18.10
San Joaquin Valley											
Stockton	56	-9	72	45	516	734	60	0.34	23.23	12.85	13.53
Modesto	55	-10	71	44	468	746	65	0.40	19.72	11.57	12.34
Merced Macready	56	-9	73	41	504	622	53	0.77	19.38	11.25	11.87
Madera	NA	NA	NA	NA	NA	710	NA	NA	NA	10.24	10.86
Fresno	60	-7	74	50	724	826	48	0.36	16.38	10.37	11.05
Lemoore	58	-8	70	42	575	701	38	0.44	7.84	6.83	7.23
Visalia	61	-4	90	49	669	699	55	0.06	15.61	9.87	10.37
Bakersfield	61	-7	75	47	750	951	49	0.15	9.00	6.09	6.40
Cascade Sierra											
Alturas	45	-4	63	31	43	1	78	0.98	11.49	9.11	11.72
Mount Shasta	45	-7	61	33	93	18	86	0.94	43.31	33.86	37.86
Blue Canyon	36	-14	46	32	81	2	88	2.08	88.85	57.39	62.80
Yosemite Valley	NA	NA	NA	NA	NA	72	NA	NA	NA	36.88	40.65
South Coast											
Santa Maria	54	-4	66	41	335	680	54	0.31	23.49	12.90	13.42
Santa Barbara	56	-4	69	44	636	735	48	0.61	28.46	16.74	17.38
Oxnard	56	-4	64	44	541	986	52	1.17	22.39	12.52	13.05
Riverside	59	-7	72	47	790	1,197	51	0.47	13.42	8.97	9.48
Los Angeles	59	-4	66	49	859	1,215	53	0.25	23.80	11.80	12.33
San Diego	61	-3	69	53	972	1,391	56	0.12	13.88	9.34	9.87
Southeast Interior											
Bishop	53	-7	78	32	225	263	32	0.00	13.67	4.17	4.87
Daggett	62	-8	80	45	803	1,014	18	0.00	2.69	3.05	3.80
Lancaster	55	-9	71	40	428	508	30	0.12	7.05	6.42	6.86
Thermal	70	-6	87	57	1,380	1,731	14	0.00	1.21	2.37	2.98
Blythe	NA	NA	NA	NA	NA	1,832	NA	NA	NA	2.53	3.58
Imperial	69	-6	89	54	1,498	1,789	11	0.00	0.84	1.89	2.39

¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report. Additionally, degree days were previously calculated using a base of 60 degrees. The base temperature was changed to 50 degrees in the April 4, 2022 report.

² Total number of days with precipitation events this season.

³ Rain or melted snow/ice.

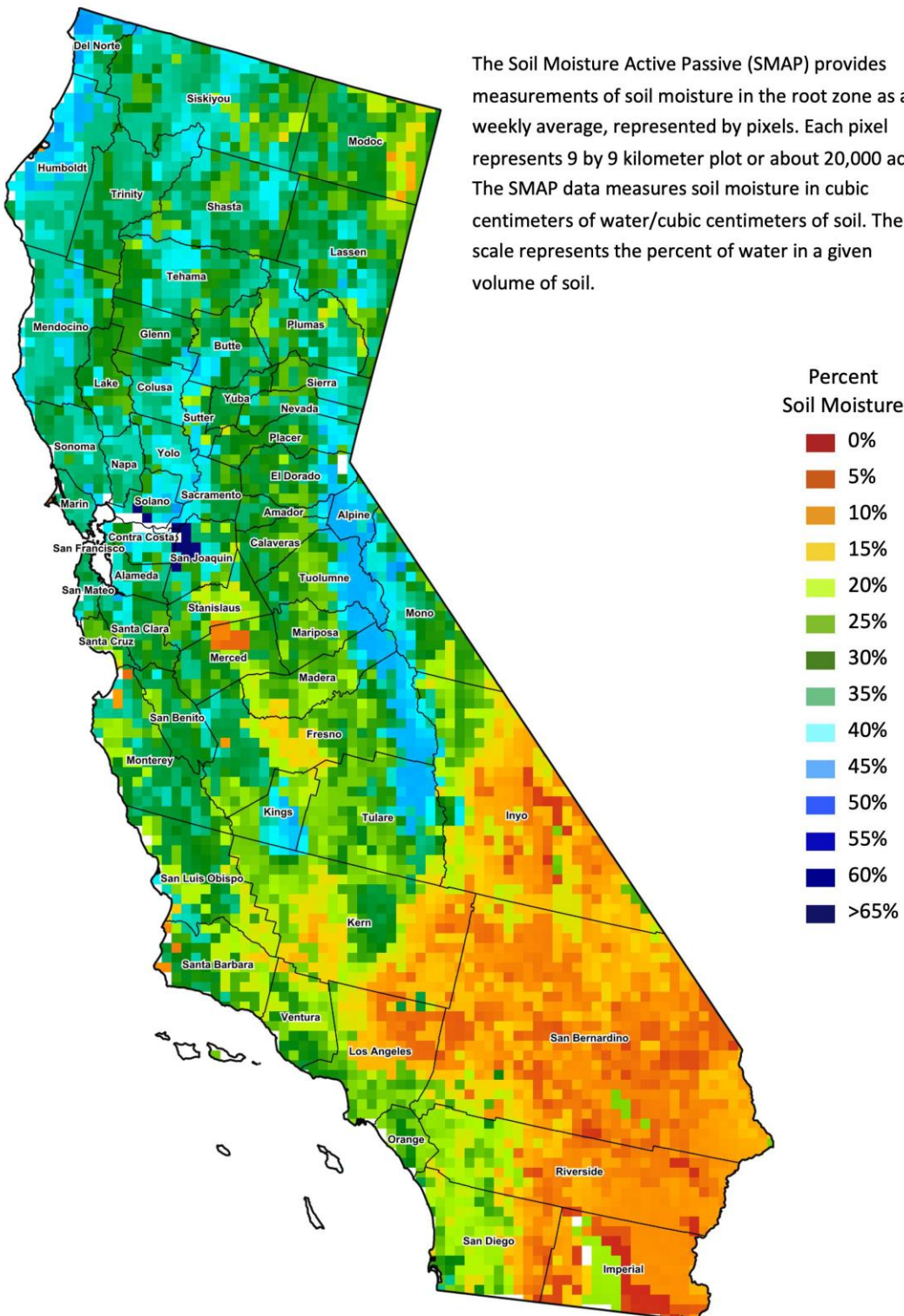
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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 7, 2023			This Date Last Year	
		Storage	Percent of Capacity	Percent of Average	Storage	Percent of Capacity
		<i>Acre Feet</i>	<i>Percent</i>	<i>Percent</i>	<i>Acre Feet</i>	<i>Percent</i>
Shasta Lake	4,547,300	4,458,283	98	116	1,816,419	40
Lake Oroville	3,537,400	3,322,117	94	121	1,939,276	55
Trinity Lake	2,443,800	936,655	38	49	759,324	31
New Melones Reservoir	2,413,000	1,569,261	65	105	914,938	38
San Luis Reservoir	2,057,200	2,014,635	99	124	949,455	47
Don Pedro Reservoir	4,547,300	1,515,256	75	97	1,300,151	64

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



Drought Conditions from the U.S. Drought Monitor

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	68.04	23.98	7.98	0.00	0.00	0.00	40
Last Week	68.04	23.98	7.98	0.00	0.00	0.00	40
3 Months Ago	0.64	9.80	56.99	32.57	0.00	0.00	221
One Year Ago	0.00	0.00	4.82	54.67	40.51	0.00	336

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