



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: May 14, 2023
RELEASED: May 15, 2023

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 4 to 60 along the coast, 24 to 55 in the mountains, 32 to 69 in the desert, and 44 to 73 in the Central Valley. Average highs for the state ranged from 41 to 83 in the mountains, 55 to 96 along the coast, 63 to 100 in the Central Valley, and 68 to 105 in the desert. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 40.00 inches compared to 3.70 inches this date last year; Central Sierra was 45.30 inches compared to 3.90 inches this date last year; Southern Sierra was 44.70 inches compared to 1.30 inches this date last year. California DWR CIMIS stations recorded 1,770 chill hours at Gerber; 1,592 chill hours at Williams; 1,602 chill hours at Holt; 1,796 chill hours at Merced; 1,526 chill hours at Fresno; and 1,412 chill hours at Arvin.

FIELD CROPS

Favorable weather conditions in the Sacramento Valley allowed **rice** growers to catch up on planting. **Corn**, small grains, and **safflower** continued to develop. **Alfalfa** growers baled their first cutting. In Stanislaus County, alfalfa was harvested for silage and dried for hay. Corn was planted. Silage corn was sprayed for weeds. Wheat and **oat** hay and silage harvest continued. In the San Joaquin Valley, **cotton** planting continued. In Tulare County, winter crops were harvested for silage and farmers prepped their fields for the next planting. 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. **Peach** orchards were thinned and sprayed for weeds. 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. **Dates** continued to ripen. **Cherries** continued to develop. Growers placed reflective foil in cherry orchards to improve color before harvest. **Olives** were treated for nematodes. **Apples** were sprayed for fire blight. **Blueberries** were irrigated and early harvest began in some areas. **Strawberries** continued to be picked.

NUT CROPS

Pests appeared with rising temperatures. Growers applied fungicides because of continued rainfall. **Pistachios**, **walnuts** and **pecans** continued to mature. Some pistachio growers started small plant bug treatments to protect nutlets from damage. Meat fill continued in **almonds**. Nut orchards were treated for weeds.

VEGETABLE CROPS

Garlic harvest continued throughout the state with steady supplies. **Broccoli** and **cauliflower** were harvested along the Central Coast with above average quality noted. Quality issues were reported in Iceberg **lettuce** and **celery** shipments. **Bell pepper** and **carrot** harvests continued in the Imperial Valley; **eggplant** harvest began. Despite a delay in the season, the Monterey County **artichoke** crop is large with outstanding quality. In Tulare County, **cucumbers**, **zucchini**, leafy greens, **tomatoes**, **watermelons** and **cantaloupe** were planted. **Cabbage**, broccoli, garlic and **onions** were harvested and sold at local roadside stands.

LIVESTOCK

Foothill rangeland and non-irrigated pasture grasses and forbs flourished. Irrigated pasture was in good to excellent condition. Some bees were placed in kiwi groves for pollination. Cattle grazed on lower elevation range. Sheep grazed on fallow fields and retired farmland.

CALIFORNIA CROP WEATHER – WEEK ENDING MAY 14, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending May 14, 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 14, 2023	Jan 1 - May 14, 2023	Oct 1 - May 14, 2023	Week Ending May 14, 2023	Oct 1 - May 14, 2023	Oct 1 - May 14	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	54	1	81	43	119	86	7	0.34	39.28	37.87	40.61
Ukiah	63	1	96	43	411	471	82	0.17	38.72	33.74	35.07
Santa Rosa	60	0	88	42	410	476	74	0.08	41.85	32.69	34.00
Napa State Hospital	60	0	86	44	448	454	69	0.07	29.52	19.54	20.36
Central Coast											
San Francisco	60	0	82	52	592	715	72	0.00	31.39	19.17	19.77
San Jose	62	0	87	47	604	794	65	0.01	15.23	13.01	13.58
Salinas	NA	NA	NA	NA	NA	687	NA	NA	NA	12.24	12.66
Monterey	55	-2	66	46	328	639	62	0.00	23.64	15.75	16.36
Paso Robles	62	0	95	40	466	540	63	0.00	20.91	11.82	12.24
Sacramento Valley											
Redding	69	2	96	46	623	703	74	0.21	39.06	31.14	33.70
Red Bluff	69	2	96	47	620	726	68	0.32	26.70	21.71	23.25
Orland	NA	NA	NA	NA	NA	736	NA	NA	NA	20.06	21.52
Oroville	NA	NA	NA	NA	NA	801	NA	NA	NA	24.57	25.84
Marysville	67	1	95	47	620	721	56	0.00	22.68	19.17	20.21
Sacramento	67	2	95	49	701	667	63	0.00	24.66	17.30	18.10
San Joaquin Valley											
Stockton	65	-2	93	44	627	855	60	0.00	23.24	12.99	13.53
Modesto	65	-2	91	46	581	868	65	0.00	19.72	11.72	12.34
Merced Macready	67	1	93	47	626	740	53	0.00	19.38	11.39	11.87
Madera	NA	NA	NA	NA	NA	833	NA	NA	NA	10.36	10.86
Fresno	70	1	99	51	864	962	47	0.00	16.37	10.47	11.05
Lemoore	67	-1	94	44	701	828	38	0.00	7.84	6.93	7.23
Visalia	68	1	97	49	796	821	54	0.00	15.60	9.96	10.37
Bakersfield	70	0	100	49	890	1,094	49	0.00	9.00	6.15	6.40
Cascade Sierra											
Alturas	50	-1	78	24	67	14	79	0.12	11.61	9.39	11.72
Mount Shasta	55	1	83	29	139	48	87	0.55	43.87	34.34	37.86
Blue Canyon	52	0	73	34	118	18	90	0.11	89.16	58.39	62.80
Yosemite Valley	NA	NA	NA	NA	NA	119	NA	NA	NA	37.46	40.65
South Coast											
Santa Maria	57	-2	69	45	385	743	54	0.00	23.47	13.00	13.42
Santa Barbara	60	0	72	49	709	809	48	0.00	28.44	16.85	17.38
Oxnard	59	-2	66	51	607	1,064	52	0.00	22.08	12.61	13.05
Riverside	65	-2	88	49	902	1,319	51	0.00	13.42	9.02	9.48
Los Angeles	61	-2	68	53	940	1,312	53	0.00	23.80	11.88	12.33
San Diego	58	-7	67	4	1,048	1,496	56	0.00	13.85	9.41	9.87
Southeast Interior											
Bishop	60	-2	85	32	301	350	32	0.00	13.67	4.23	4.87
Daggett	73	0	97	51	969	1,175	18	0.00	2.69	3.07	3.80
Lancaster	67	1	92	49	548	623	30	0.00	7.04	6.45	6.86
Thermal	79	1	104	61	1,585	1,927	14	0.00	1.21	2.38	2.98
Blythe	NA	NA	NA	NA	NA	2,037	NA	NA	NA	2.54	3.58
Imperial	77	0	102	56	1,686	1,981	11	0.00	0.84	1.90	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.

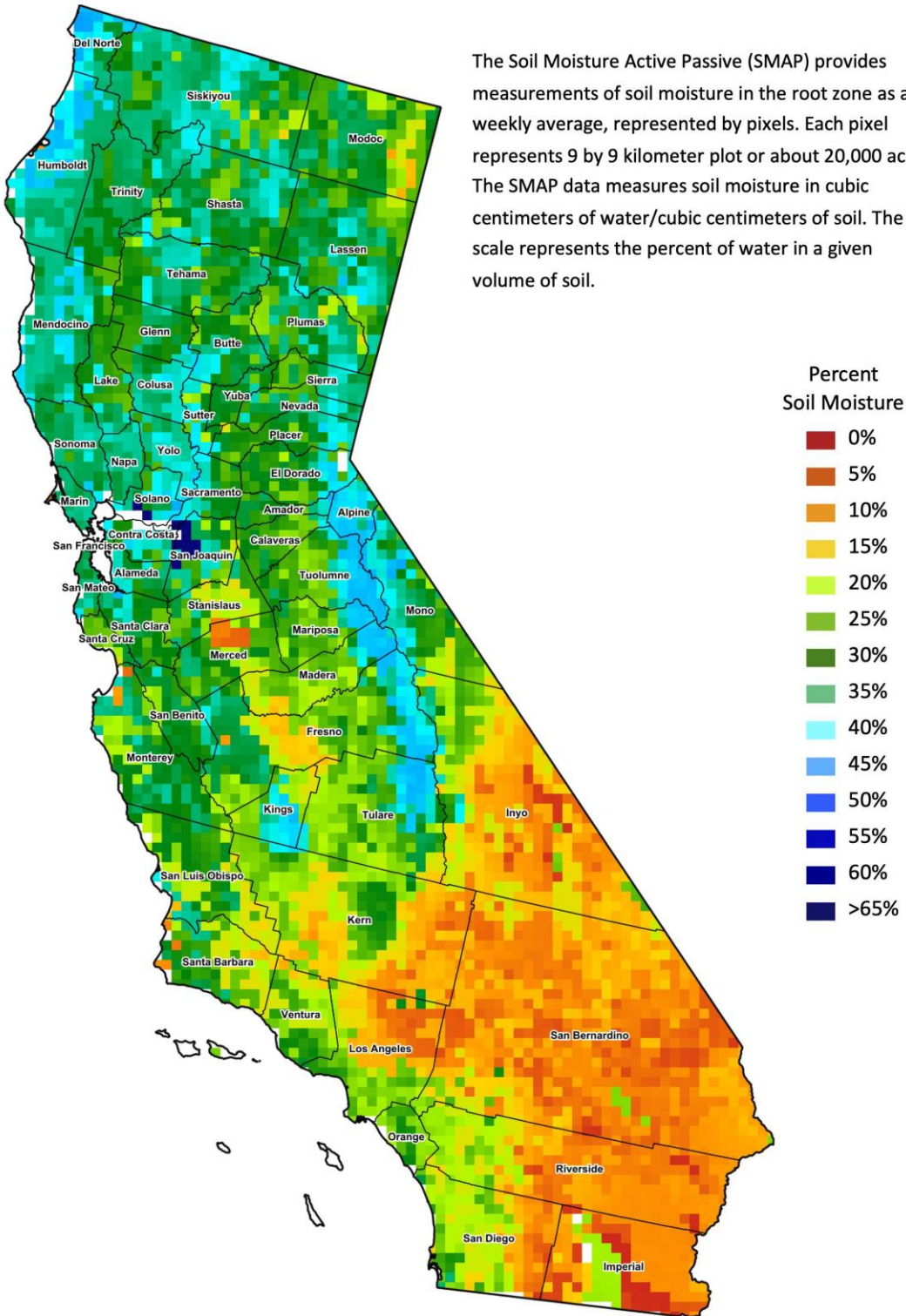
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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 14, 2023			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	4,450,948	98	116	1,824,480	40
Lake Oroville	3,537,400	3,388,926	96	122	1,938,552	55
Trinity Lake	2,443,800	998,195	41	52	749,921	31
New Melones Reservoir	2,413,000	1,602,240	67	107	904,011	38
San Luis Reservoir	2,057,200	2,008,933	98	129	942,185	46
Don Pedro Reservoir	4,547,300	1,461,226	72	92	1,316,816	65

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	68.02	26.03	5.95	0.00	0.00	0.00	38
Last Week	68.04	23.98	7.98	0.00	0.00	0.00	40
3 Months Ago	0.64	14.76	51.98	32.62	0.00	0.00	217
One Year Ago	0.00	0.14	4.73	35.32	59.81	0.00	355

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