



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: April 23, 2023
RELEASED: April 24, 2023

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 14 to 39 in the mountains, 15 to 53 in the desert, 30 to 54 along the coast, and 32 to 50 in the Central Valley. Average highs for the state ranged from 40 to 64 in the mountains, 49 to 81 along the coast, 56 to 88 in the desert, and 58 to 78 in the Central Valley. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 54.20 inches compared to 8.40 inches this date last year; Central Sierra was 56.20 inches compared to 11.10 inches this date last year; Southern Sierra was 57.60 inches compared to 5.00 inches this date last year. California DWR CIMIS stations recorded 1,759 chill hours at Gerber; 1,588 chill hours at Williams; 1,589 chill hours at Holt; 1,784 chill hours at Merced; 1,526 chill hours at Fresno; and 1,408 chill hours at Arvin.

FIELD CROPS

In the Sacramento Valley, rice ground preparation for planting was ongoing. In San Joaquin Valley, warmer temperatures were beneficial for planting **cotton**. Some cotton growers were considering planting other crops and prevented planting in place of cotton as the planting deadline approaches. Flood warnings were in effect due to dam releases. In Stanislaus County, **wheat**, **oat** hay and silage harvests continued. **Alfalfa** fields were irrigated and sprayed for weeds and weevil. In Tulare County, winter wheat was being prepped for harvest as flooded fields were drying. Fields were plowed and disced in preparation for new plantings. Some spring planting began. Various fields that were temporarily flooded along the Tule River were drying out. Winter wheat, oats, and **barley** continued to grow. Alfalfa fields were drying in preparation for cutting. Fields were being prepared for **corn** and cotton. Winter grain and forage crops were being treated for pests. Drier weather allowed growers to catch up with pesticide and herbicide applications.

FRUIT CROPS

Early stone fruit varieties were leafing out while later varieties continued to bloom. **Grape** buds continued to open, and some were leafing out. Wine grapes were sprayed for weeds. Navel **oranges**, **mandarins**, **lemons**, and **tangelos** were picked and packed. Seedless varieties of mandarins have been netted to prevent pollination. **Kiwi** growers began placing bee apiaries in their groves as kiwi vines started to leaf out. **Cherry** bloom was complete and fruit was sizing well. **Apples** were sprayed for fire blight. **Blueberries** were irrigated and the fruit began to set on some plants. **Strawberries** were picked.

NUT CROPS

Following months of rain, **almond**, **walnut**, and **pistachio** orchards continued to dry out. Pistachio growers began bloom spray. Blooms emerged in some walnut orchards. Almonds were developing. Some growers prepared their orchards for mummy sprays aimed at Navel orangeworm.

VEGETABLE CROPS

Processing **tomato** transplanting continued. **Asparagus** harvest continued with warmer temperatures. Stanislaus County **broccoli** was sprayed for weeds and **sweet potato** fields were treated for nematodes. In Tulare County, **cucumbers**, **zucchini**, and other leafy greens were planted. **Cabbage**, broccoli, **lettuce**, **garlic**, and **onions** continued to grow. Broccoli, lettuce, **cauliflower**, and **celery** were harvested in the Salinas Valley.

LIVESTOCK

Sunny dry days stimulated grass growth on rangeland and non-irrigated pasture. Irrigated pasture was in good to excellent condition. Muddy conditions persisted in some locations. Bees were active in late blooming orchards. Some hives were moved out of state. Cattle grazed on lower elevation range. Sheep grazed on fallow fields and retired farmland.

CALIFORNIA CROP WEATHER – WEEK ENDING APRIL 23, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Apr 23, 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 - Apr 23, 2023	Jan 1 - Apr 23, 2023	Oct 1 - Apr 23, 2023	Week Ending Apr 23, 2023	Oct 1 - Apr 23, 2023	Oct 1 - Apr 23	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	49	-2	58	37	64	25	0	0.79	38.35	36.40	40.61
Ukiah	56	-1	80	38	173	248	76	0.22	37.49	32.74	35.07
Santa Rosa	58	1	82	35	241	285	68	0.03	40.99	31.73	34.00
Napa State Hospital	57	1	78	38	255	266	63	0.09	28.82	18.95	20.36
Central Coast											
San Francisco	57	-1	70	47	395	519	67	0.04	30.66	18.74	19.77
San Jose	59	0	77	46	363	548	57	0.07	14.79	12.65	13.58
Salinas	NA	NA	NA	NA	NA	506	NA	NA	NA	11.92	12.66
Monterey	52	-4	65	42	224	487	58	0.03	23.08	15.37	16.36
Paso Robles	57	-1	82	33	241	304	59	0.00	20.54	11.57	12.24
Sacramento Valley											
Redding	59	-1	84	37	290	389	69	0.02	36.34	29.90	33.70
Red Bluff	61	0	84	41	285	410	63	0.00	25.89	20.85	23.25
Orland	NA	NA	NA	NA	NA	427	NA	NA	NA	19.31	21.52
Oroville	61	0	84	41	364	474	64	0.00	26.11	23.79	25.84
Marysville	60	-1	84	38	315	411	52	0.00	21.48	18.49	20.21
Sacramento	62	2	85	42	383	376	59	0.01	23.54	16.81	18.10
San Joaquin Valley											
Stockton	60	-2	83	38	338	528	56	0.00	22.89	12.53	13.53
Modesto	60	-2	82	43	287	539	61	0.01	19.32	11.25	12.34
Merced Macready	59	-2	82	39	320	426	51	0.00	18.61	10.91	11.87
Madera	57	-5	79	37	331	502	50	0.00	10.32	9.99	10.86
Fresno	63	0	84	45	474	594	45	0.00	16.02	10.09	11.05
Lemoore	60	-2	86	38	362	487	37	0.00	7.40	6.63	7.23
Visalia	61	0	83	40	429	496	52	0.00	15.55	9.60	10.37
Bakersfield	62	-2	83	40	501	706	46	0.00	8.86	5.92	6.40
Cascade Sierra											
Alturas	42	-3	67	17	9	0	74	0.37	10.51	8.49	11.72
Mount Shasta	46	-2	71	23	24	0	80	0.00	42.37	32.99	37.86
Blue Canyon	43	-2	62	25	19	0	84	0.80	86.77	55.43	62.80
Yosemite Valley	NA	NA	NA	NA	NA	13	NA	NA	NA	35.71	40.65
South Coast											
Santa Maria	57	0	82	38	260	564	51	0.00	23.18	12.66	13.42
Santa Barbara	60	2	79	45	527	600	45	0.00	27.85	16.50	17.38
Oxnard	58	-1	76	45	444	841	49	0.00	21.22	12.33	13.05
Riverside	65	2	91	45	599	977	47	0.00	12.86	8.80	9.48
Los Angeles	63	2	82	49	722	1,036	50	0.00	23.56	11.64	12.33
San Diego	63	0	81	51	800	1,188	53	0.02	13.76	9.15	9.87
Southeast Interior											
Bishop	56	0	80	34	103	133	32	0.00	13.67	4.08	4.87
Daggett	66	0	89	45	524	737	18	0.00	2.69	3.02	3.80
Lancaster	61	1	84	41	245	323	29	0.00	6.93	6.34	6.86
Thermal	75	3	97	48	1,020	1,380	14	0.00	1.21	2.37	2.98
Blythe	NA	NA	NA	NA	NA	1,463	NA	NA	NA	2.51	3.58
Imperial	73	1	96	50	1,150	1,445	11	0.00	0.84	1.86	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.

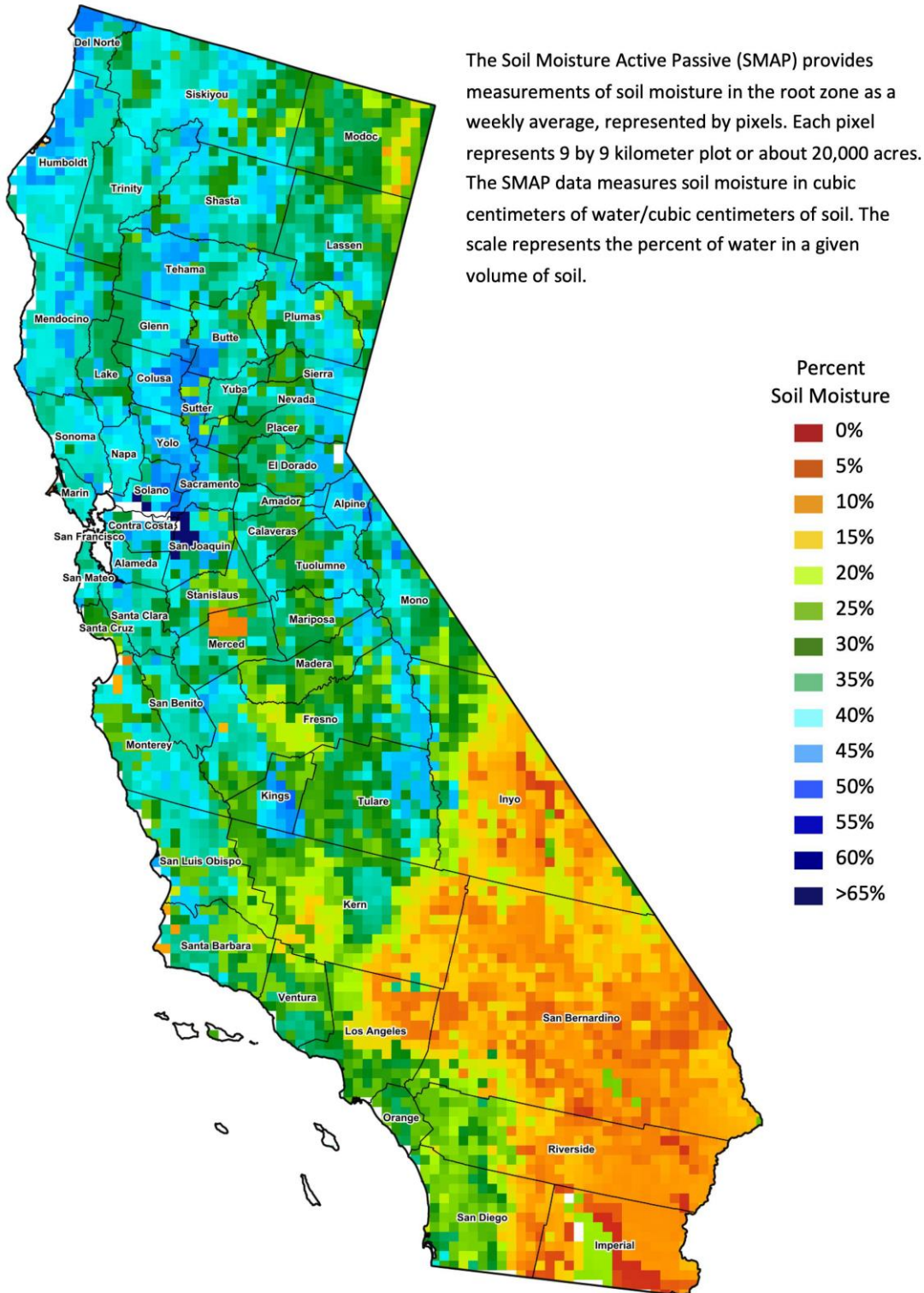
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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	April 23, 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	4,332,817	95	115	1,784,259	39
Lake Oroville	3,537,400	3,172,903	90	118	1,849,838	52
Trinity Lake	2,443,800	850,686	35	45	774,160	32
New Melones Reservoir	2,413,000	1,478,529	62	99	925,260	39
San Luis Reservoir	2,057,200	2,014,382	99	118	941,596	46
Don Pedro Reservoir	4,547,300	1,570,906	77	102	1,271,828	63

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	65.67	25.55	8.79	0.00	0.00	0.00	43
Last Week	65.67	25.55	8.79	0.00	0.00	0.00	43
3 Months Ago	0.64	7.24	49.27	42.84	0.00	0.00	234
One Year Ago	0.00	0.00	4.82	54.37	40.81	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