



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: May 21, 2023
RELEASED: May 22, 2023

FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 31 to 59 in the mountains, 45 to 61 along the coast, 45 to 74 in the desert, and 52 to 70 in the Central Valley. Average high temperatures for the state ranged from 47 to 88 in the mountains, 57 to 98 along the coast, 82 to 98 in the Central Valley, and 87 to 104 in the desert. From the California Department of Water Resources, snowpack water content in the Northern Sierra was 29.50 inches compared to 2.20 inches this date last year; Central Sierra was 35.30 inches compared to 1.70 inches this date last year; Southern Sierra was 33.70 inches compared to 0.30 inches this date last year.

FIELD CROPS

In the northern mountains, growers in lower elevation areas started cutting **alfalfa** and grass for hay. In the Sacramento Valley, some growers started their second cutting of alfalfa hay. **Rice** continued to be planted and emerged at a steady pace. Rice fields were sprayed with herbicide. In the San Joaquin Valley, alfalfa, **wheat**, and **oats** were harvested for silage and hay. **Cotton** and **corn** fields continued to be planted and some began emerging. Corn fields were sprayed for weeds.

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. **Apricots** and early peach varieties began to be harvested. 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. **Cherry** harvest began in some orchards. **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

The weather became more stable, allowing growers to catch up on fertilizing and weeding orchards. **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**. Almonds were treated for nematodes.

VEGETABLE CROPS

Asparagus harvest was winding down in the Sacramento Valley. The cherry **tomato** crop was delayed a few weeks due to late planting caused by wet conditions. In Stanislaus County, tomatoes and **sweet potatoes** were transplanted into fields. In San Mateo County, **brussels sprout** fields were fumigated. In Tulare County, **cucumbers**, **zucchini**, **watermelon**, **cantaloupe**, and leafy **greens** were planted. **Sweet corn**, **eggplant**, **okra**, **peppers**, and **garlic** were growing well. **Onions** and zucchini plants began to bloom.

LIVESTOCK

Rangeland grasses and forbs flourished. Foothill rangeland and non-irrigated pasture were reported to be in good to excellent condition. Bees were active in kiwi vineyards and melon fields. Cattle grazed on lower elevation ranges. Sheep grazed on fallow fields, retired farmland, as well as land in need of fuel reduction for the purpose of fire prevention.

CALIFORNIA CROP WEATHER – WEEK ENDING MAY 21, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS ¹ AT 50 °F BASE ²		RAIN DAYS ³	PRECIPITATION ⁴			
	Average for Week Ending May 21, 2023	Departure from Normal ⁵	High	Low	This Year	Normal Year ⁵	This Season	This Week	This Season	Normal Season ⁵	Normal Year ⁵
					Jan 1 - May 21, 2023	Jan 1 - May 21, 2023	Oct 1 - May 21, 2023	Week Ending May 21, 2023	Oct 1 - May 21, 2023	Oct 1 - May 21	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	55	1	62	50	159	117	108	0.03	39.31	38.22	40.61
Ukiah	70	7	92	50	550	567	82	0.00	38.72	33.97	35.07
Santa Rosa	64	3	85	49	512	556	74	0.00	41.85	32.96	34.00
Napa State Hospital	62	1	80	52	536	533	69	0.00	29.52	19.70	20.36
Central Coast											
San Francisco	60	0	72	53	670	789	72	0.00	31.39	19.27	19.77
San Jose	65	2	82	55	712	890	65	0.00	15.23	13.08	13.58
Salinas	NA	NA	NA	NA	NA	757	NA	NA	NA	12.33	12.66
Monterey	56	-2	63	50	372	696	62	0.00	23.64	15.86	16.36
Paso Robles	71	7	98	45	616	641	63	0.00	20.91	11.89	12.24
Sacramento Valley											
Redding	77	8	94	58	811	838	74	0.00	39.03	31.56	33.70
Red Bluff	77	8	94	58	809	860	68	0.00	26.68	22.01	23.25
Orland	76	8	92	60	835	863	65	0.00	26.59	20.34	21.52
Oroville	NA	NA	NA	NA	NA	934	NA	NA	NA	24.81	25.84
Marysville	73	5	93	53	780	848	56	0.00	22.68	19.38	20.21
Sacramento	72	5	94	56	862	788	63	0.00	24.66	17.44	18.10
San Joaquin Valley											
Stockton	72	4	94	52	779	985	60	0.00	23.23	13.11	13.53
Modesto	73	5	93	54	743	999	65	0.00	19.72	11.87	12.34
Merced Macready	75	7	95	55	799	869	53	0.00	19.38	11.50	11.87
Madera	75	6	97	55	859	967	51	0.00	11.11	10.46	10.86
Fresno	80	9	97	62	1,076	1,110	47	0.00	16.37	10.54	11.05
Lemoore	77	8	98	56	898	966	38	0.00	7.84	7.02	7.23
Visalia	79	10	96	61	989	954	54	0.00	15.60	10.03	10.37
Bakersfield	81	9	96	66	1,116	1,249	49	0.00	9.00	6.20	6.40
Cascade Sierra											
Alturas	62	9	87	36	154	39	80	0.18	11.79	9.67	11.72
Mount Shasta	66	10	88	44	255	90	87	0.00	43.87	34.83	37.86
Blue Canyon	65	11	74	54	231	48	90	0.00	89.16	59.32	62.80
Yosemite Valley	NA	NA	NA	NA	NA	178	NA	NA	NA	37.98	40.65
South Coast											
Santa Maria	59	0	68	50	449	812	54	0.00	23.47	13.08	13.42
Santa Barbara	61	1	67	55	790	886	48	0.00	28.44	16.93	17.38
Oxnard	60	-1	66	55	684	1,148	52	0.00	22.08	12.69	13.05
Riverside	70	2	88	55	1,047	1,448	51	0.00	13.42	9.06	9.48
Los Angeles	62	-2	69	56	1,024	1,410	53	0.00	23.80	11.94	12.33
San Diego	63	-2	70	58	1,141	1,601	56	0.00	13.85	9.48	9.87
Southeast Interior											
Bishop	69	5	93	45	436	453	32	0.00	13.67	4.28	4.87
Daggett	83	8	100	63	1,206	1,352	19	0.01	2.70	3.08	3.80
Lancaster	78	10	97	51	747	754	30	0.00	7.04	6.47	6.86
Thermal	82	3	104	57	1,813	2,136	15	0.14	1.35	2.38	2.98
Blythe	NA	NA	NA	NA	NA	2,257	NA	NA	NA	2.56	3.58
Imperial	84	5	102	65	1,926	2,185	11	0.00	0.84	1.92	2.39

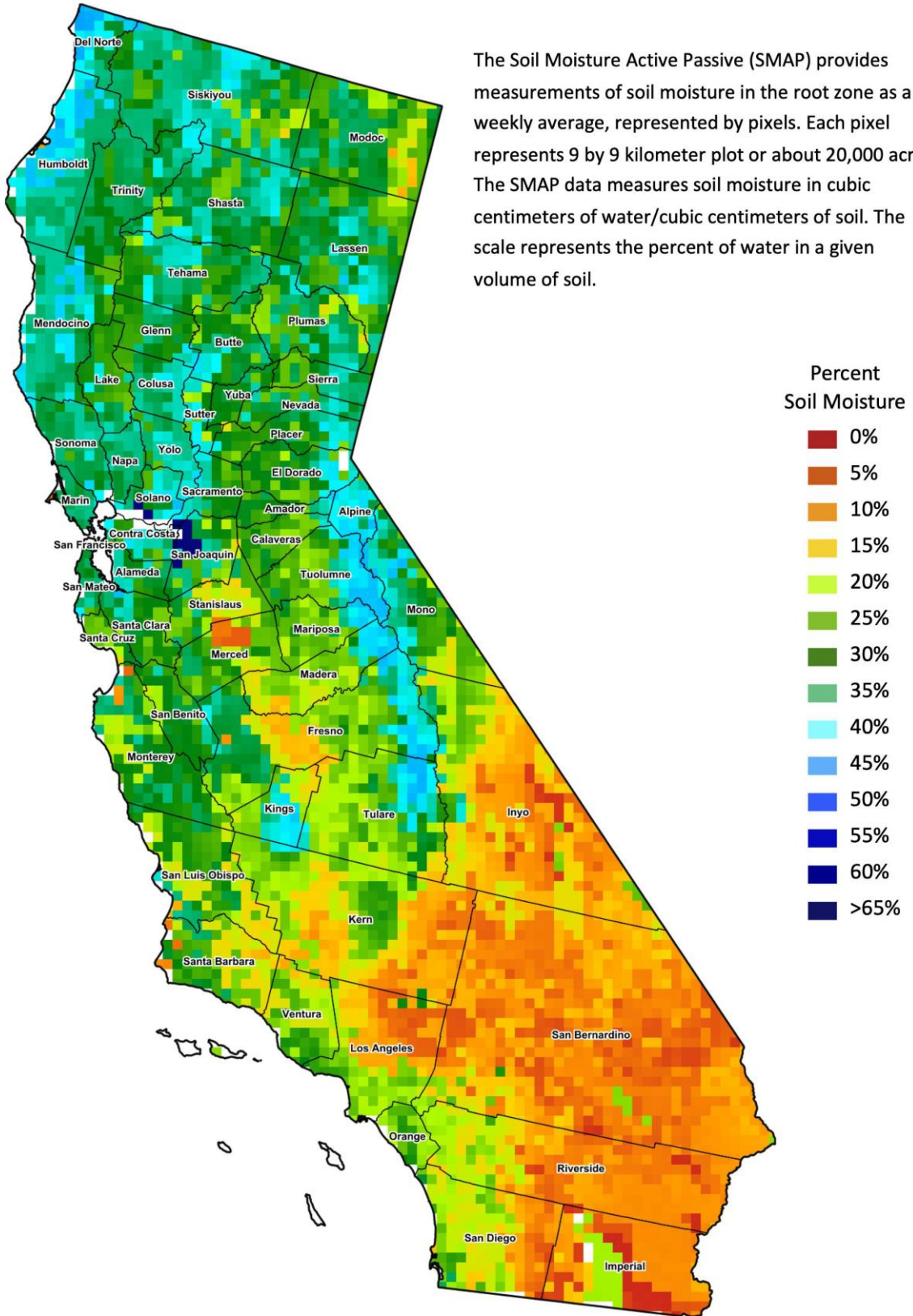
- ¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.
- ² Previously calculated with 60 degree base. This calculation was changed for the 2022 and later seasons.
- ³ Total number of days with precipitation events this season.
- ⁴ Rain or melted snow/ice.
- ⁵ 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 21, 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	4,459,456	98	117	1,827,221	40
Lake Oroville	3,537,400	3,397,209	96	122	1,935,866	55
Trinity Lake	2,443,800	1,137,260	46	59	745,542	30
New Melones Reservoir	2,413,000	1,692,476	71	113	891,290	37
San Luis Reservoir	2,057,200	1,977,230	97	132	935,717	46
Don Pedro Reservoir	4,547,300	1,502,867	74	94	1,337,405	66

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	68.02	26.03	5.95	0.00	0.00	0.00	38
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	59.64	0.18	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