



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: May 28, 2023
RELEASED: May 30, 2023

FREQUENCY: Weekly
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WEATHER

Average low temperatures for California ranged from 31 to 56 in the mountains, 44 to 61 along the coast, 45 to 74 in the desert, and 50 to 69 in the Central Valley. Average high temperatures for the state ranged from 47 to 81 in the mountains, 54 to 90 along the coast, 73 to 99 in the Central Valley, and 74 to 100 in the desert. From the California Department of Water Resources, snowpack water content in the Northern Sierra was 24.30 inches compared to 1.70 inches this date last year; Central Sierra was 31.60 inches compared to 1.00 inches this date last year; Southern Sierra was 22.70 inches compared to 0.00 inches this date last year.

FIELD CROPS

In the northern mountains, growers began cutting some grass hay. In the Sacramento Valley, rice planting remained behind schedule compared to previous years. **Wheat** was drying down. In the San Joaquin Valley, **alfalfa**, **wheat**, and **oats** were cut, dried, and baled. Wheat and oat silage harvests neared completion. **Corn** for silage and cotton continued to be planted. Corn and **sudangrass** fields were sprayed for weeds. In Southern California, wheat straw was harvested.

FRUIT CROPS

Grape buds continued to open and leaf out. Some bloom clusters were present. Grapes were sprayed for weeds and mildew. Stone fruits including **plums** and **nectarines** continued to develop. **Apricots** and early **peach** varieties were harvested. Peaches for processing were treated for phytophthora and nematodes. Valencia **orange** harvest continued while the Navel orange harvest was wrapping up. **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. **Olives** were treated for nematodes. **Blueberries** and **strawberries** continued to be picked.

NUT CROPS

The weather became more stable, allowing growers to catch up on fertilizing and weeding orchards. Many growers treated their orchards for Navel Orangeworm and other pests. **Pistachios**, **walnuts**, and **pecans** continued to mature. More walnut orchards were removed. Some pistachio growers started small plant bug treatments to protect nutlets from damage. **Almond** meat fill was almost complete in some areas. Almonds were treated for nematodes.

VEGETABLE CROPS

Asparagus harvest came closer to completion in the Capay Valley. Cherry **tomato** harvest delay continued in the Sacramento Valley. In Tulare County, **sweet corn**, **eggplant**, **okra**, **onions**, **broccoli**, **cabbage**, **peppers**, and **garlic** continued to grow. The transplanting of tomato and **sweet potato** fields continued in Stanislaus County.

LIVESTOCK

Rangeland grasses and forbs began to dry out in some locations. Foothill rangeland and non-irrigated pasture were in good to excellent condition. Bees were active in kiwi vineyards and melon fields. Cattle grazed on lower elevation range as snowy and wet conditions persisted in higher range. Sheep grazed on fallow fields, retired farmland, and some locations needing fuel reduction for fire prevention.

CALIFORNIA CROP WEATHER – WEEK ENDING MAY 28, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS ¹ AT 50 °F BASE ²		RAIN DAYS ³	PRECIPITATION ⁴			
	Average for Week Ending May 28, 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 28, 2023	Jan 1 - May 28, 2023	Oct 1 - May 28, 2023	Week Ending May 28, 2023	Oct 1 - May 28, 2023	Oct 1 - May 28	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	53	-2	60	44	184	152	110	0.00	39.32	38.54	40.61
Ukiah	67	2	90	48	678	673	83	0.02	38.74	34.18	35.07
Santa Rosa	60	-2	81	47	586	645	74	0.00	41.85	33.20	34.00
Napa State Hospital	61	-1	75	54	618	620	69	0.00	29.52	19.86	20.36
Central Coast											
San Francisco	60	-1	71	52	742	867	72	0.00	31.39	19.36	19.77
San Jose	63	-1	81	52	808	993	65	0.00	15.23	13.16	13.58
Salinas	NA	NA	NA	NA	NA	832	NA	NA	NA	12.40	12.66
Monterey	56	-2	62	50	424	759	62	0.00	23.64	15.96	16.36
Paso Robles	62	-3	90	44	701	750	63	0.00	20.91	11.94	12.24
Sacramento Valley											
Redding	74	3	93	58	983	987	75	0.12	39.15	31.97	33.70
Red Bluff	73	2	95	57	974	1,008	70	0.33	27.01	22.27	23.25
Orland	NA	NA	NA	NA	NA	1,002	NA	NA	NA	20.58	21.52
Oroville	NA	NA	NA	NA	NA	1,078	NA	NA	NA	25.03	25.84
Marysville	68	-1	92	52	912	985	56	0.00	22.68	19.56	20.21
Sacramento	67	-1	92	53	978	918	63	0.00	24.66	17.56	18.10
San Joaquin Valley											
Stockton	67	-3	92	50	904	1,125	60	0.00	23.23	13.22	13.53
Modesto	67	-3	92	51	865	1,141	65	0.00	19.72	12.01	12.34
Merced Macready	68	-1	94	52	930	1,009	53	0.00	19.38	11.60	11.87
Madera	69	-1	96	50	988	1,111	51	0.00	11.11	10.55	10.86
Fresno	73	1	97	56	1,238	1,269	47	0.00	16.37	10.63	11.05
Lemoore	71	0	99	50	1,052	1,115	38	0.00	7.84	7.08	7.23
Visalia	72	2	93	54	1,151	1,098	54	0.00	15.60	10.09	10.37
Bakersfield	73	0	97	54	1,280	1,415	49	0.00	9.00	6.25	6.40
Cascade Sierra											
Alturas	57	2	75	39	210	77	82	0.18	11.97	9.95	11.72
Mount Shasta	60	3	81	39	332	142	91	0.23	44.10	35.32	37.86
Blue Canyon	58	2	73	48	292	91	91	0.03	89.19	60.14	62.80
Yosemite Valley	NA	NA	NA	NA	NA	249	NA	NA	NA	38.48	40.65
South Coast											
Santa Maria	58	-2	69	49	514	882	54	0.00	23.47	13.13	13.42
Santa Barbara	62	1	68	51	875	963	48	0.00	28.44	17.01	17.38
Oxnard	61	-1	67	56	766	1,232	52	0.00	22.08	12.74	13.05
Riverside	65	-4	81	55	1,158	1,584	51	0.00	13.42	9.08	9.48
Los Angeles	61	-3	67	57	1,107	1,513	55	0.03	23.83	11.99	12.33
San Diego	63	-2	68	58	1,251	1,712	56	0.00	13.85	9.52	9.87
Southeast Interior											
Bishop	67	1	90	45	559	570	32	0.00	13.67	4.33	4.87
Daggett	77	0	98	56	1,400	1,545	19	0.00	2.70	3.09	3.80
Lancaster	69	-1	93	53	882	899	30	0.00	7.04	6.48	6.86
Thermal	81	0	100	64	2,030	2,357	15	0.00	1.35	2.38	2.98
Blythe	84	1	99	63	2,233	2,491	17	0.00	1.95	2.57	3.58
Imperial	81	0	100	62	2,146	2,403	11	0.00	0.84	1.94	2.39

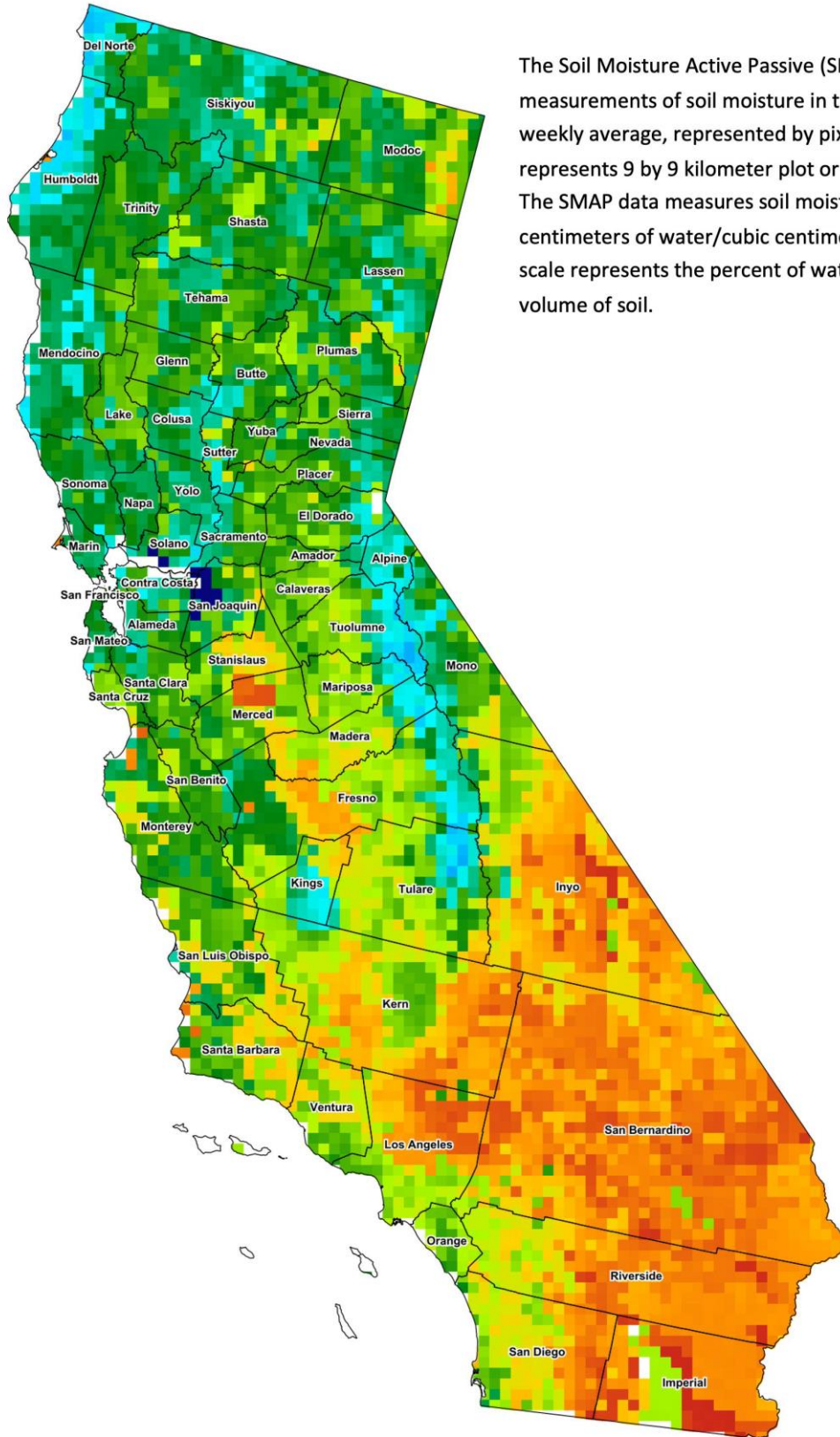
¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.
² Previously calculated with 60 degree base. This calculation was changed for the 2022 and later seasons.
³ Total number of days with precipitation events this season.
⁴ Rain or melted snow/ice.
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 29, 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	4,455,056	98	117	1,815,936	40
Lake Oroville	3,537,400	3,439,156	97	122	1,918,475	54
Trinity Lake	2,443,800	1,247,601	51	65	739,869	30
New Melones Reservoir	2,413,000	1,808,138	75	121	868,035	36
San Luis Reservoir	2,057,200	2,012,987	99	141	922,046	45
Don Pedro Reservoir	4,547,300	1,565,591	77	96	1,353,481	67

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	70.86	24.51	4.63	0.00	0.00	0.00	34
Last Week	68.02	26.03	5.95	0.00	0.00	0.00	38
3 Months Ago	0.61	14.80	51.98	32.62	0.00	0.00	217
One Year Ago	0.00	0.14	2.30	37.75	48.22	11.59	369

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