



# California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING: May 1, 2022**  
**RELEASED: May 2, 2022**

**FREQUENCY: Weekly**  
**VOL. 43 NO. 5**

## WEATHER

Average lows for California ranged from 23 to 46 in the mountains, 31 to 70 in the desert, 37 to 58 along the coast, and 43 to 60 in the Central Valley. Average highs for the state ranged from 46 to 70 in the mountains, 55 to 91 along the coast, 68 to 88 in the Central Valley, and 70 to 97 in the desert. From the California Department of Water Resources (DWR), snowpack water content in the Northern Sierra was 6.70 inches compared to 5.50 inches this date last year; Central Sierra was 9.50 inches compared to 8.30 inches this date last year; Southern Sierra was 4.00 inches compared to 3.10 inches this date last year. California DWR CIMIS stations recorded 1,359 chill hours at Gerber; 1,264 chill hours at Williams; 1,341 chill hours at Holt; 1,608 chill hours at Merced; 1,337 chill hours at Fresno; and 1,124 chill hours at Arvin.

## FIELD CROPS

In the Sacramento Valley, **alfalfa** was being cut. Winter **wheat** crop was in the nearly full heading stage with many fields turning color. **Rice** fields were being flooded in anticipation of planting. The chopping of wheat in the Central Valley was in full swing. In the San Joaquin Valley, **cotton** was making excellent progress with high plant population. In Tulare County, alfalfa was being cut for silage and green chop. Small grains continued maturing in fields. **Corn** planting continued, with plants germinating. Cotton fields were still being prepped and planted. Winter grain fields that have been harvested for silage or hay were being fertilized, tilled, and planted with corn or cotton.

## FRUIT CROPS

Some stone fruit orchards continued to be thinned and irrigated where necessary. Early stone fruit varieties were being harvested. **Cherries** were showing color and inspections for harvest began. **Apricots, apples, pears, peaches, plums, nectarines,** and **prunes** continued to develop. **Grape** vineyards were setting fruit and vines were tied. **Kiwi** bloom continued. **Persimmon, pomegranate,** and **quince** trees were steadily developing. **Oranges** were being juiced due to the lasting effects of the various weather conditions. Valencia and Navel oranges, **tangelo, grapefruit, lemon,** and **mandarin** harvests were well underway. Some harvests were slowing down due to rising temperatures. Seedless **tangerine** groves remained netted to prevent cross pollination during bloom. **Olive** trees were pushed out for new plantings. **Strawberry** and **blueberry** harvest continued.

## NUT CROPS

**Almond, walnut,** and **pistachio** leaf out was ongoing. Nut development continued.

## VEGETABLE CROPS

In Colusa, Sacramento, and Solano County, transplanted **tomato** fields went smoothly, and had interruptions to **asparagus** harvest due to cooler weather. In San Mateo County, **sweet potatoes, onions,** and tomatoes were planted. **Artichokes** and **oregano** were harvested. In Sutter County, tomato plantings have begun. In Tulare County, **leaf lettuce** was picked and sold at local stands. **Onions** were available for harvest. Spring vegetable plantings were staggered to allow for harvesting efficiencies.

## LIVESTOCK

Rangeland and non-irrigated pasture were in fair to good condition, though some signs of drying were reported. Irrigated range was in good to excellent condition. Sheep grazed on fallow fields and retired farmland. Lambing was underway in San Mateo County. Bees were active in blooming citrus groves. Some beehives were moved out of state, while some were moved to the foothills of the Sierras for better forage and water access. Cattle on drying range received supplemental alfalfa and oat hay.

**NOTICE:** USDA NASS has changed the base temperature used to calculate growing degree days (found in the table below) from 60 °F to 50 °F.

CALIFORNIA CROP WEATHER – WEEK ENDING MAY 1, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE <sup>1</sup>		RAIN DAYS <sup>2</sup>	PRECIPITATION <sup>3</sup>			
	Average for Week Ending May 1, 2022	Departure from Normal <sup>4</sup>	High	Low	This Year	Normal Year <sup>4</sup>	This Season	This Week	This Season	Normal Season <sup>4</sup>	Normal Year <sup>4</sup>
					Jan 1 - May 1, 2022	Jan 1 - May 1, 2022	Oct 1 - May 1, 2022	Week Ending May 1, 2022	Oct 1 - May 1, 2022	Oct 1 - May 1	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --				
<b>North Coast</b>											
Eureka WFO	49	-3	57	38	87	42	89	0.32	22.78	37.07	40.61
Ukiah	58	-1	78	40	484	320	56	0.00	18.70	33.13	35.07
Santa Rosa	58	0	77	37	485	350	55	0.00	25.43	32.06	34.00
Napa State Hospital	57	-1	75	37	361	329	46	0.00	17.73	19.14	20.36
<b>Central Coast</b>											
San Francisco	57	-1	68	48	673	590	42	0.00	18.13	18.93	19.77
San Jose	59	-1	75	45	771	634	32	0.00	7.30	12.81	13.58
Salinas	NA	NA	NA	NA	NA	570	NA	NA	NA	12.06	12.66
Monterey	56	0	66	45	708	541	39	0.00	10.63	15.51	16.36
Paso Robles	61	2	87	37	610	382	24	0.00	8.72	11.66	12.24
<b>Sacramento Valley</b>											
Redding	65	2	80	46	837	492	52	0.00	17.89	30.37	33.70
Red Bluff	65	2	82	45	839	515	42	0.00	11.93	21.17	23.25
Orland	NA	NA	NA	NA	NA	531	NA	NA	NA	19.58	21.52
Oroville	66	2	83	48	870	585	44	0.00	16.38	24.10	25.84
Marysville	64	1	84	43	683	515	39	0.00	8.17	18.73	20.21
Sacramento	64	2	82	45	662	474	39	0.00	13.67	16.99	18.10
<b>San Joaquin Valley</b>											
Stockton	63	-1	84	44	740	640	35	0.00	9.75	12.71	13.53
Modesto	63	-1	83	46	717	652	33	0.00	9.00	11.43	12.34
Merced Macready	63	0	86	43	697	531	28	0.00	7.45	11.11	11.87
Madera	63	-1	85	43	663	614	21	0.00	2.28	10.14	10.86
Fresno	66	1	87	49	983	720	24	0.00	6.30	10.27	11.05
Lemoore	64	0	88	43	771	602	20	0.00	4.03	6.74	7.23
Visalia	63	0	83	45	833	606	26	0.00	7.23	9.78	10.37
Bakersfield	67	1	88	51	981	840	20	0.00	5.41	6.02	6.40
<b>Cascade Sierra</b>											
Alturas	45	-2	66	23	5	0	53	0.23	6.12	8.85	11.72
Mount Shasta	51	1	70	29	68	3	65	0.05	17.81	33.47	37.86
Blue Canyon	49	1	61	36	153	0	56	0.00	61.80	56.50	62.80
Yosemite Valley	NA	NA	NA	NA	NA	41	NA	NA	NA	36.36	40.65
<b>South Coast</b>											
Santa Maria	56	-2	77	43	649	628	25	0.00	7.81	12.81	13.42
Santa Barbara	59	0	83	43	813	675	24	0.00	10.51	16.64	17.38
Oxnard	58	-2	76	48	980	921	24	0.00	11.62	12.44	13.05
Riverside	67	2	91	51	1,425	1,099	22	0.00	4.83	8.90	9.48
Los Angeles	64	2	86	53	1,376	1,137	26	0.00	10.18	11.73	12.33
San Diego	62	-2	82	53	1,147	1,301	27	0.00	6.08	9.26	9.87
<b>Southeast Interior</b>											
Bishop	59	1	83	31	336	200	12	0.00	4.76	4.13	4.87
Daggett	72	3	92	47	1,123	888	9	0.00	1.09	3.04	3.80
Lancaster	65	3	86	39	599	421	15	0.00	3.59	6.40	6.86
Thermal	76	2	97	49	1,660	1,574	6	0.00	0.19	2.37	2.98
Blythe	77	2	97	56	1,793	1,667	5	0.00	0.28	2.52	3.58
Imperial	76	2	96	50	1,702	1,636	2	0.00	0.06	1.87	2.39

<sup>1</sup> 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.

<sup>2</sup> Total number of days with precipitation events this season.

<sup>3</sup> Rain or melted snow/ice.

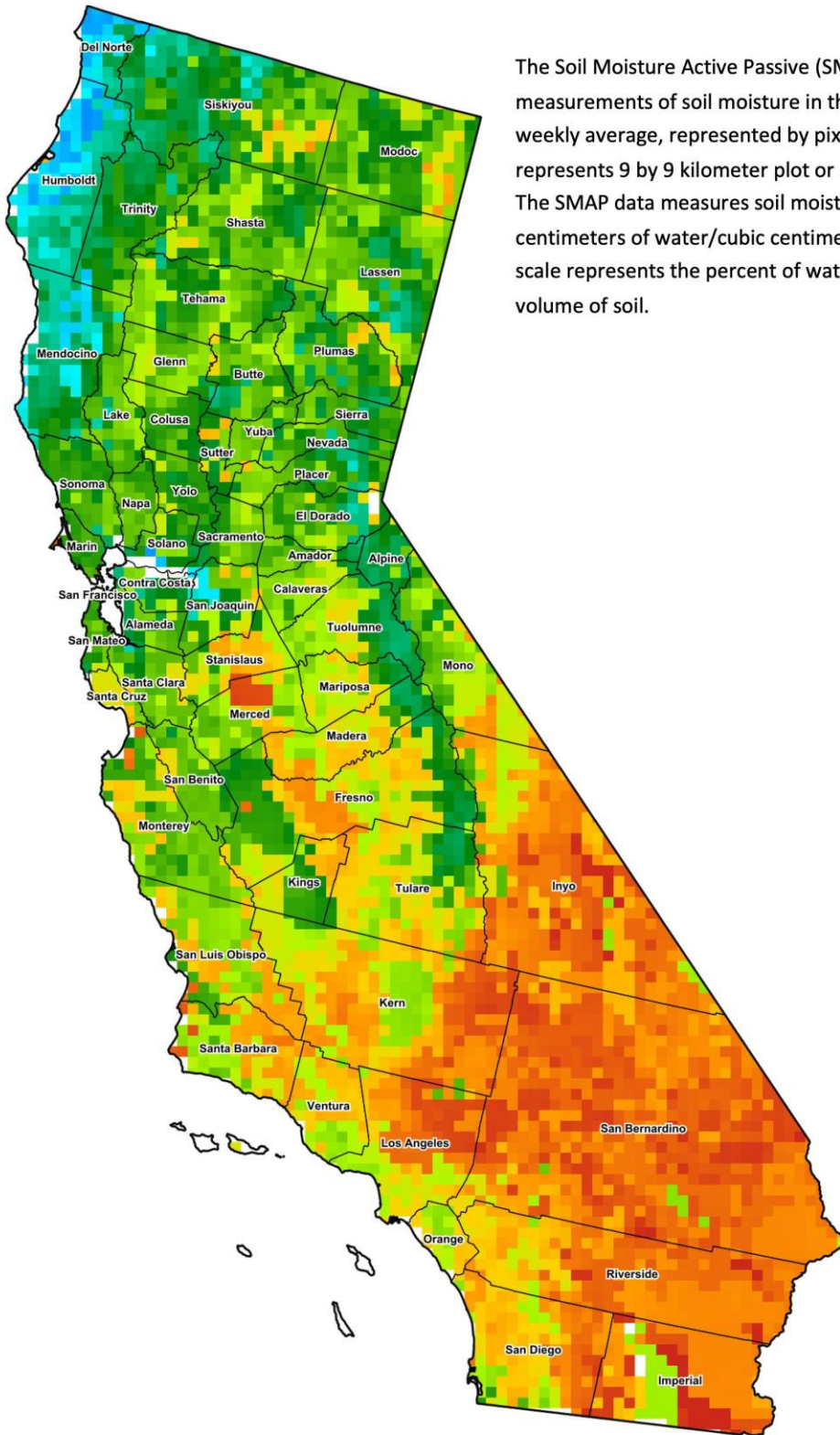
<sup>4</sup> Normal periods 1990-2020 used in departure from normal calculations.

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 1, 2022			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	1,808,220	40	47	2,288,150	50
Lake Oroville	3,537,400	1,916,629	54	70	1,486,386	42
Trinity Lake	2,443,800	766,349	31	40	1,306,061	53
New Melones Reservoir	2,413,000	922,382	38	62	1,461,454	61
San Luis Reservoir	2,057,200	950,045	47	56	1,025,593	50
Don Pedro Reservoir	4,547,300	1,283,830	63	83	1,370,663	68

Source: [cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO](https://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	0.00	0.00	4.82	54.62	40.56	0.00	336
Last Week	0.00	0.00	4.82	54.37	40.81	0.00	336
3 Months Ago	0.00	0.75	32.86	65.00	1.39	0.00	267
One Year Ago	0.00	2.49	9.56	35.09	47.50	5.36	344

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](http://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA)