



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: September 18, 2022
RELEASED: September 19, 2022

FREQUENCY: Weekly
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WEATHER

Average lows for California ranged from 33 to 64 in the mountains, 46 to 73 along the coast, 46 to 80 in the desert, and 55 to 77 in the Central Valley. Average highs for the state ranged from 57 to 97 in the mountains, 60 to 95 along the coast, 69 to 97 in the Central Valley, and 77 to 99 in the desert.

FIELD CROPS

In the Sacramento Valley, harvesting and fall groundwork halted due to rainfall. **Dry bean** harvest began in Stanislaus County. Harvesting of **corn** for silage, **alfalfa** hay, and alfalfa silage continued. Harvested corn for silage fields were fertilized and disced in preparation for winter crops. In the San Joaquin Valley, **cotton** bolls were cracking open and initial defoliation began. Producers were preparing equipment for harvest. Alfalfa hay and **Sudan** grass were being cut, dried, and baled. Some corn was still being irrigated while other fields were green chopped for silage. Dry bean fields were being cut into windrows for drying.

FRUIT CROPS

Peach, prune, nectarine, pear, quince, and **plum** harvests were ongoing. Wine **grape** and table grape harvests continued. **Persimmons, kiwifruits,** and **lemons** steadily developed. **Pomegranates** were harvested. Irrigation continued in citrus groves to prevent fruit drop due to heat stress. Valencia **orange** quality was affected due to hot temperatures. **Olive** harvest began. **Strawberry** fields were prepped for fall planting.

NUT CROPS

Spraying for weeds and irrigation continued where necessary. **Almond** and **pistachio** harvests continued steadily with a second harvest on pistachios expected to begin soon in a few areas. **Walnut** harvest began in some parts of the state as development progressed in other areas.

VEGETABLE CROPS

In the Sacramento Valley, harvests and fall field preparation paused due to rainfall. Fall **carrots** were planted, and organic **corn** harvest neared completion in Fresno County. In Stanislaus County, **tomatoes** and **sweet potato** harvests continued. **Broccoli** planting continued. In Tulare County, **onions, tomatoes, squash, zucchini,** and **eggplant** were harvested.

LIVESTOCK

Rangeland and non-irrigated pasture were in poor to very poor condition. Irrigated range remained in good condition. Supplemental feeding of cattle continued due to the extremely deteriorated range conditions. Cattle were moved to better forage and some herds reduced.

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 SEPTEMBER 18, 2022											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 50 °F BASE ¹		RAIN DAYS ²	PRECIPITATION ³			
	Average for Week Ending Sep 12, 2022	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 - Sep 18, 2022	Jan 1 - Sep 18, 2022	Oct 1 - Sep 18, 2022	Week Ending Sep 18, 2022	Oct 1 - Sep 18, 2022	Oct 1 - Sep 18	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	57	0	67	46	1,204	1,045	125	0.43	26.89	40.02	40.61
Ukiah	66	-4	94	50	3,587	3,239	67	1.94	21.52	34.72	35.07
Santa Rosa	64	-3	87	47	2,988	2,630	61	0.91	27.10	33.69	34.00
Napa State Hospital	66	0	79	50	2,767	2,510	50	0.58	18.59	20.18	20.36
Central Coast											
San Francisco	65	0	74	57	2,762	2,509	46	0.10	18.29	19.59	19.77
San Jose	68	-1	81	55	3,592	3,188	34	0.51	7.82	13.43	13.58
Salinas	NA	NA	NA	NA	NA	2,358	NA	NA	NA	12.54	12.66
Monterey	64	2	72	56	2,526	2,109	42	1.01	11.71	16.19	16.36
Paso Robles	68	-2	95	48	3,975	3,262	26	0.05	8.84	12.11	12.24
Sacramento Valley											
Redding	72	-4	95	57	5,044	4,403	62	0.64	19.50	33.28	33.70
Red Bluff	71	-5	92	56	4,973	4,319	48	0.36	13.02	22.99	23.25
Orland	NA	NA	NA	NA	NA	4,030	NA	NA	NA	21.25	21.52
Oroville	72	-2	86	57	4,959	4,248	52	0.36	17.73	25.56	25.84
Marysville	71	-2	93	55	4,502	3,966	43	0.17	8.66	20.00	20.21
Sacramento	72	0	94	58	4,458	3,719	44	0.11	14.14	17.91	18.10
San Joaquin Valley											
Stockton	71	-3	95	56	4,494	4,133	36	0.00	9.81	13.39	13.53
Modesto	70	-4	93	55	4,482	4,201	35	0.06	9.07	12.23	12.34
Merced Macready	72	-2	97	55	4,671	4,063	29	0.09	7.54	11.76	11.87
Madera	73	-2	97	55	4,551	4,288	24	0.01	2.67	10.77	10.86
Fresno	76	-1	97	60	5,529	4,777	25	0.00	6.35	10.95	11.05
Lemoore	74	-1	97	55	4,935	4,284	20	0.00	4.03	7.16	7.23
Visalia	72	-3	91	56	4,871	4,269	29	0.00	7.45	10.28	10.37
Bakersfield	76	-3	95	60	5,578	5,060	21	0.00	5.42	6.33	6.40
Cascade Sierra											
Alturas	58	-1	81	33	1,902	1,692	70	0.13	7.70	11.51	11.72
Mount Shasta	60	-2	86	41	2,405	1,915	85	0.33	20.59	37.34	37.86
Blue Canyon	58	-7	70	42	2,530	2,071	68	0.22	65.59	62.06	62.80
Yosemite Valley	NA	NA	NA	NA	NA	2,584	NA	NA	NA	39.98	40.65
South Coast											
Santa Maria	64	0	77	54	2,513	2,459	27	0.01	7.88	13.28	13.42
Santa Barbara	68	3	80	56	3,092	2,696	28	0.00	10.63	17.20	17.38
Oxnard	68	1	81	59	3,139	3,082	27	0.00	11.82	12.88	13.05
Riverside	75	-2	89	62	5,401	4,692	26	0.00	5.02	9.34	9.48
Los Angeles	73	3	84	65	4,189	3,724	28	0.00	10.32	12.17	12.33
San Diego	72	0	81	65	3,929	4,061	30	0.00	6.75	9.72	9.87
Southeast Interior											
Bishop	67	-2	86	46	3,809	3,401	20	0.37	6.74	4.77	4.87
Daggett	78	-4	93	62	6,279	5,718	15	0.01	1.80	3.72	3.80
Lancaster	73	-2	88	58	4,956	4,254	20	0.00	4.54	6.76	6.86
Thermal	84	-1	96	65	7,120	6,781	10	0.01	1.07	2.86	2.98
Blythe	86	-2	99	70	7,639	7,330	13	0.01	2.66	3.46	3.58
Imperial	84	-4	97	68	7,325	7,058	2	0.00	0.06	2.30	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.

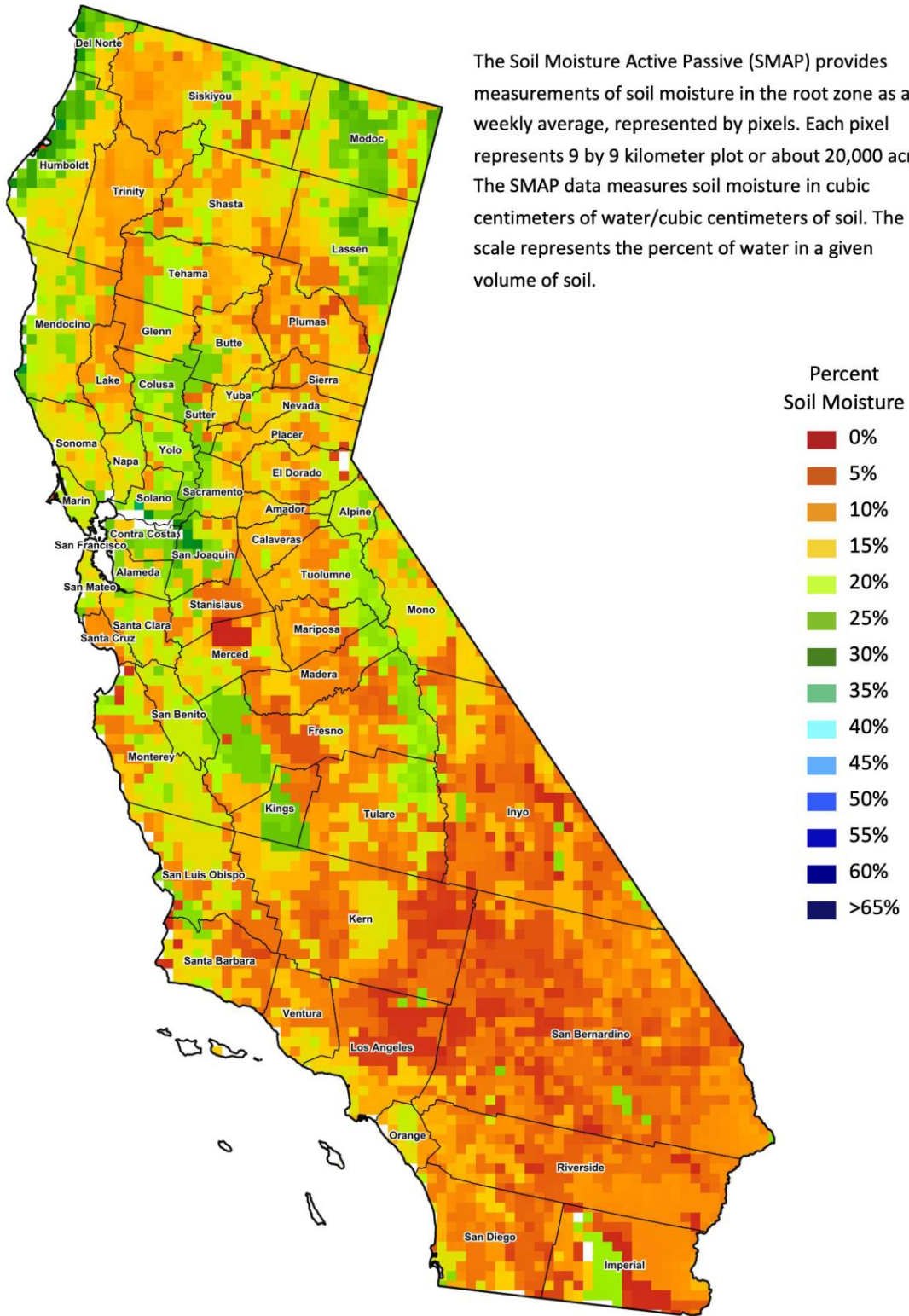
⁴ Normal periods 1990-2020 used in departure from normal calculations.

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	September 18, 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	1,534,173	34	59	1,127,788	25
Lake Oroville	3,537,400	1,260,747	36	64	788,518	22
Trinity Lake	2,443,800	568,023	23	37	767,833	31
New Melones Reservoir	2,413,000	619,316	26	46	861,330	36
San Luis Reservoir	2,057,200	544,938	27	65	249,263	12
Don Pedro Reservoir	4,547,300	1,078,838	53	76	1,033,585	51

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	0.00	0.24	5.70	53.15	24.34	16.57	351
Last Week	0.00	0.24	2.24	57.35	23.61	16.57	354
3 Months Ago	0.00	0.21	2.31	37.67	48.22	11.59	369
One Year Ago	0.00	0.00	6.07	5.99	42.28	45.66	428

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