



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: November 21, 2021
RELEASED: November 22, 2021

FREQUENCY: Weekly
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WEATHER

Temperature lows for California ranged from the mid 10s to high 40s in the mountains, low 30s to high 50s in the desert, mid 30s to low 60s along the coast, and high 30s to mid 50s in the valley. Temperature highs for the state ranged from mid 40s to high 60s in the mountains, low 50s to low 70s in the valley, mid 50s to high 80s along the coast, and high 60s to high 80s in the desert.

FIELD CROPS

Across California, **winter wheat**, **oats**, **barley**, and **triticale** were being planted. In the Sacramento Valley, some fields were being worked to control weeds. In the San Joaquin Valley, **cotton** fieldwork was limited due to damp soils from heavy fog. Cotton picking was almost complete and ginning was ongoing. Cotton producers were shredding stalks to manage pink bollworm. In Stanislaus County, producers were working on their final cutting of **alfalfa**. In Tulare County, alfalfa fields were being cut for haylage. **Dry bean** stalks were baled for animal feed. **Sorghum** silage harvest was winding down, with only a few fields remaining to be chopped. In the Imperial Valley and Blythe, growers continued cutting alfalfa for hay.

FRUIT CROPS

Stone fruit orchards were pruned and treated for weeds. **Kiwifruit** harvest was ongoing. **Pomegranate** harvest was completed in various areas throughout the state. Melogold and Oro Blanco **grapefruit** were still being harvested. A few late variety **grapes** were left to be harvested. Some grapevines entered early dormancy. Citrus trees were treated with fungicides. **Persimmon**, Navel **orange**, and **mandarin** harvests were in full swing.

NUT CROPS

Orchards were cleared of dried branches to prepare fields for new plantings. **Almond** and **walnut** orchards were sprayed for weeds. **Pistachios** and **pecans** were harvested.

VEGETABLE CROPS

In the Central Valley, some **sweet potato** fields were mowed in preparation for harvest and some fields were being harvested. In Tulare County, **pumpkin** harvest was completed. In Imperial County, **melons** and **lettuce** were harvested.

LIVESTOCK

Earlier precipitation and the week's warm temperatures stimulated range and non-irrigated pasture grass germination. Northern rangeland was in fair condition while rangeland south of Stockton was in fair to poor condition. Across the state, irrigated pasture remained in good to excellent condition. Supplemental feeding of cattle continued. Fall calving and lambing season was ongoing. Sheep grazed on retired cropland, harvested grain fields, and alfalfa fields. Beekeepers provided supplemental pollen and prepared hives for overwintering. Some hives were moved into the state for overwintering and in anticipation of the 2022 almond bloom.

NOTICE: USDA NASS will be changing the base temperature used to calculate growing degree days (found in the table below) from 60 °F to 50 °F. This change will occur in April 2022 with the start of the 2022 California Crop Weather (Crop Progress & Condition) publications.

CALIFORNIA CROP WEATHER – WEEK ENDING NOVEMBER 21, 2021											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS ¹ AT 60 °F BASE		RAIN DAYS	PRECIPITATION ²			
	Average for Week Ending Nov 21, 2021	Departure from Normal ³	High	Low	This Year	Normal Year ³	This Season	This Week	This Season	Normal Season ³	Normal Year ³
					Jan 1 - Nov 21, 2021	Jan 1 - Nov 21, 2021	Oct 1 - Nov 21, 2021	Week Ending Nov 21, 2021	Oct 1 - Nov 21, 2021	Oct 1 - Nov 21	Oct 1 - Sept 30
-- Degrees Fahrenheit --				-- Number --		-- Days ⁴ --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	50	0	63	37	34	0	25	0.45	6.88	5.81	40.53
Ukiah	54	4	69	34	2,305	1,492	16	0.13	8.48	4.93	37.61
Santa Rosa	54	2	69	36	1,098	957	19	0.06	13.70	5.14	36.51
Napa State Hospital	52	1	67	37	905	698	13	0.00	7.93	2.70	20.52
Central Coast											
San Francisco	57	2	67	49	873	589	12	0.01	6.47	2.48	20.79
San Jose	58	2	70	43	1,491	1,549	8	0.01	2.29	2.09	15.02
Salinas	NA	NA	NA	NA	NA	515	NA	NA	NA	1.48	12.91
Monterey	59	5	80	47	709	148	10	0.00	2.81	2.24	16.23
Paso Robles	58	6	83	37	2,168	1,623	5	0.00	1.59	1.32	12.87
Sacramento Valley											
Redding	55	4	72	41	3,416	2,642	16	0.10	8.37	4.92	34.80
Red Bluff	55	4	72	42	3,412	2,663	13	0.08	5.33	3.13	24.63
Orland	NA	NA	NA	NA	NA	2,387	NA	NA	NA	2.95	23.14
Oroville	55	3	68	41	3,265	2,455	15	0.09	7.78	5.01	31.72
Marysville	54	3	67	39	2,808	2,206	8	0.14	0.71	3.73	22.88
Sacramento	54	3	66	37	2,617	2,053	12	0.04	5.48	2.84	21.35
San Joaquin Valley											
Stockton	54	2	67	40	2,279	2,167	11	0.00	4.34	1.97	14.14
Modesto	56	2	69	43	2,615	2,635	8	0.00	2.37	1.58	13.19
Merced Macready	55	4	69	38	2,939	2,254	7	0.01	2.00	1.69	12.59
Madera	55	3	67	39	2,920	2,389	5	0.00	0.66	1.74	12.10
Fresno	57	4	67	44	3,852	3,060	5	0.00	1.57	1.36	11.57
Lemoore	55	4	70	38	3,231	2,409	4	0.00	0.77	0.88	7.95
Visalia	55	2	69	41	3,225	2,672	7	0.02	1.65	1.46	10.99
Bakersfield	55	1	68	42	4,043	3,199	3	0.00	0.95	0.72	6.51
Cascade Sierra											
Alturas	37	2	64	14	897	401	14	0.01	1.93	2.29	14.22
Mount Shasta	41	1	60	24	1,344	585	23	0.14	9.31	5.61	43.48
Blue Canyon	49	6	59	41	1,577	800	18	0.07	22.16	9.45	65.00
Yosemite Valley	NA	NA	NA	NA	NA	1,260	NA	NA	NA	5.83	42.02
South Coast											
Santa Maria	59	4	81	44	674	423	3	0.00	1.40	1.49	14.05
Santa Barbara	57	1	78	44	880	701	6	0.00	1.21	1.88	17.89
Oxnard	58	0	82	48	1,079	775	6	0.00	0.84	1.83	14.71
Riverside	63	3	88	47	3,211	2,764	3	0.00	0.29	0.96	12.50
Los Angeles	62	1	87	51	1,569	1,427	5	0.00	0.46	1.26	12.92
San Diego	64	3	81	54	2,236	1,720	4	0.00	1.01	1.21	10.42
Southeast Interior											
Bishop	NA	NA	NA	NA	NA	1,761	NA	NA	NA	0.65	5.21
Daggett	62	7	85	41	4,820	3,982	1	0.00	0.26	0.38	4.08
Lancaster	57	7	87	33	3,399	2,689	1	0.00	0.28	0.79	7.43
Thermal	64	4	87	43	5,718	4,926	1	0.00	0.01	0.37	3.22
Blythe	67	6	86	48	6,154	5,529	1	0.00	0.07	0.30	3.85
Imperial	68	6	89	49	5,805	5,276	1	0.00	0.02	0.44	3.46

¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.

² Rain or melted snow/ice.

³ Normal periods 1980-2010 used in departure from normal calculations.

⁴ Total number of days with precipitation events this season.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.
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