



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: December 24, 2017
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FREQUENCY: Weekly
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WEATHER

The start of last week brought below normal temperatures as a system moved across the state. The northern coast received light precipitation in the form of rain and snow. In northeastern California, valley rain and mountain snow impacted the area. Precipitation was sparse in other areas due to the fast-moving front. By mid-week, a ridge of high pressure returned, causing much of the state to return to mostly dry and seasonal conditions. That allowed onshore winds to warm up much of the state back to average temperatures.

Temperature highs ranged in the 40s to 50s in the mountains, 50s to 60s in the valley, 50s to 70s along the coast, and 60s to 70s in the desert. Temperature lows were 10s to 20s in the mountains, 10s to 30s in the desert, 20s to 40s along the coast, and 30s to 40s in the valley.

FIELD CROPS

Cotton fields were shredded. Growers continued to plant **oats**, **triticale**, and winter forage. Fields that were planted earlier in the season had signs of good growth. Planting was ongoing for **wheat** and other cereal grains and forage mixes. Irrigation had been necessary to maintain growth. **Black-eyed beans** were being exported to Malaysia.

FRUIT CROPS

Table **grapes** from cold storage continued to be exported. Pruning continued in stone fruit orchards and vineyards. Some older, poorly producing orchards and vineyards were removed and prepared for replanting. Some growers prepared to apply winter dormant sprays. The Navel **orange** harvest gained momentum. **Pomelos** were harvested. Growers protected their citrus orchards from frost due to the cold overnight temperatures. **Strawberry** fields continued to thrive.

NUT CROPS

Pistachios, **almonds**, **walnuts**, and **pecans** continued to be packed and shipped primarily to foreign markets. Nut growers were busy applying winter weed sprays. Some older orchards were pushed out and the ground was prepped for planting.

VEGETABLE CROPS

Winter vegetable fieldwork continued. Some fields were being prepared and planted with winter vegetable crops. In the already planted winter vegetable fields, the crops continued to develop. **Brussel sprouts** were harvested in San Mateo County.

LIVESTOCK

The lack of rainfall had left rangeland forage in poor condition. More rain was needed to help with germination and growth of rangeland forage. Supplemental feeding of cattle was ongoing.

CALIFORNIA CROP WEATHER – WEEK ENDING 12/24/2017

STATIONS	TEMPERATURE				GROWING DEGREE HOURS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 12/24/2017	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1 - 12/24/2017	January 1 - 12/24/2017	July 1 - 12/24/2017	Week Ending 12/24/017	July 1 - 12/24/2017	July 1 - 12/24/2017	July 1 - June 30
-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	45	-3	55	30	91	0	42	0.91	11.95	15.30	40.33
Ukiah	43	-2	64	26	2055	1529	23	0.08	5.61	12.23	37.35
Santa Rosa	44	-2	62	26	1368	987	19	0.04	6.34	12.32	36.28
Napa State Hospital	47	-1	63	30	1670	1316	13	0.00	4.93	9.32	27.71
Central Coast											
San Francisco	50	0	61	38	1004	648	16	0.04	3.27	6.58	20.65
San Jose	49	-2	66	34	1916	1585	14	0.07	1.61	4.45	14.90
Salinas	49	-1	69	30	891	577	8	0.03	0.82	3.62	12.83
Monterey	51	0	63	44	578	206	12	0.00	2.01	4.70	16.12
King City Ag	49	-1	69	30	1729	1348	12	0.03	0.61	3.38	12.06
Paso Robles	45	-1	70	23	2118	1490	10	0.00	0.48	4.02	15.20
Sacramento Valley											
Redding	44	-1	63	31	3360	2702	18	0.03	6.38	12.24	34.62
Red Bluff	46	0	62	33	3248	2707	13	0.01	3.78	7.90	24.49
Willows 6W	44	-1	60	30	3049	2447	8	0.09	1.33	7.69	23.53
Oroville	46	1	59	31	3083	2477	14	0.02	4.79	10.50	31.52
Marysville	45	0	62	29	2681	2209	15	0.07	3.52	7.79	22.75
Sacramento	44	0	61	29	2457	2045	15	0.08	2.30	6.51	21.17
San Joaquin Valley											
Stockton	46	1	65	30	2730	2170	13	0.05	0.97	4.48	14.06
Modesto	46	-1	63	30	3138	2645	8	0.05	1.03	3.84	13.11
Merced Macready	44	0	64	27	2976	2394	7	0.09	0.49	3.53	12.02
Madera	44	0	63	26	2705	2252	9	0.08	1.13	3.34	12.50
Fresno	45	-1	64	29	3635	2959	7	0.04	0.61	3.18	11.50
Lemoore NAS	42	-2	64	20	3158	2439	3	0.04	0.14	2.14	7.91
Visalia	45	0	62	28	2768	2700	7	0.08	0.48	3.28	10.93
Bakersfield	48	1	68	30	4068	3234	6	0.04	0.59	1.81	6.47
Cascade Sierra											
Alturas	26	-3	49	1	988	467	34	0.18	4.66	5.35	14.17
Mount Shasta	32	-3	53	17	1498	912	26	0.08	2.38	7.70	18.47
Blue Canyon	40	1	54	23	1402	995	26	0.34	21.70	22.67	64.62
Yosemite Valley	37	0	54	21	1486	1344	24	0.21	9.12	12.10	36.73
South Coast											
Santa Maria	50	0	73	29	662	439	9	0.03	0.59	3.67	13.95
Santa Barbara	53	-2	67	39	1007	518	6	0.00	0.59	5.01	19.43
Oxnard NWS	54	-1	73	37	1931	1240	6	0.00	0.12	3.91	15.33
Riverside	55	1	77	36	1760	1163	6	0.00	0.54	2.65	12.40
Los Angeles	56	0	72	41	3576	2846	6	0.01	0.19	3.42	12.82
San Diego	57	2	76	37	2230	1513	3	0.15	0.17	3.20	11.16
Southeast Interior											
Bishop	38	1	62	10	1472	1224	2	0.00	0.18	1.85	5.17
Daggett	46	-1	71	26	2104	1806	5	0.00	0.22	1.87	4.06
Lancaster ATC	40	-3	67	13	4483	4017	4	0.00	0.12	2.13	7.38
Thermal	52	0	74	33	3089	2734	1	0.00	0.07	1.28	3.20
Blythe	51	-2	73	31	6051	4804	5	0.00	0.70	2.02	3.83
Imperial CA	52	-2	71	34	6240	5517	6	0.00	0.67	1.87	3.44

1/ Precipitation (rain or melted snow/ice).

2/ Normal periods 1970-2000 used in Departure From Normal calculations.

3/ Total number of days with precipitation events this season.

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