



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

The wet pattern continued across the State this week as the Pineapple Express continued to roll through, while an upper-level trough across the western United States kept temperatures cooler statewide.

Fog formed in the valley most nights and early mornings due to the abundance of moisture. On Monday morning some of the higher sheltered locations dropped below zero, but quickly recovered by Tuesday. The big story continued to be the abundant rainfall over the State. The heaviest rains fell in the northern valley and northwestern coastal mountains, where 6 to 8 inches of rain fell through the week, including Santa Rosa, which saw 7.09 inches. A few southern coastal areas reported receiving 3 to 5 inches, including Santa Barbara, which saw 4.92 inches. Most other areas of the State, except the deserts, received anywhere from 2 to 5 inches during the week. Desert regions received less than 1 inch. Very heavy snow fell in the mountains for another week. The heaviest snows were in the Tahoe area and points just north, where up to 4 feet of additional snow fell. The northern coastal mountains received 1 to 3 feet of new snow as well. High elevations in the southern Sierras received 1 to 2 feet of new snow, with most coming on Friday. The healthiest snowpacks in quite some time were seen in the mountains, with some areas around Tahoe receiving up to 20 feet of snow during the last month. Partial snowmelt occurred each day as temperatures rose above freezing in these locations, but overall snowpacks continued to deepen.

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

FIELD CROPS

Continued rains have benefited the growth of already planted grains and field crops, but the rain has hindered ground preparations for continued planting. Low spots in some fields were showing stress from repeated standing water. The forecast for optimal returns continued to look positive. **Sorghum** seed continued to be received for future planting. **Alfalfa** hay remained dormant.

FRUIT CROPS

Rain, standing water and muddy conditions hindered fieldwork for much of the state. Where and when conditions permitted winter field work continued. Deciduous fruit orchards continued to be pruned and brush shredded. Removal of orchards and vineyards continued in preparation for replanting with new varieties. Some **pomegranates** were harvested. Rain continued to slow the **Navel orange** and **Satsuma mandarin** harvests. Fungicide applications to citrus were made as conditions allowed.

NUT CROPS

Some **almond** and **walnut** orchards were impacted by falling trees due to strong winds and the saturated ground. Nut orchards continued to be pruned and brush was shredded as weather conditions permitted. This is the second successive week where most post-harvest field activities were halted due to the heavy rains and standing water.

VEGETABLE CROPS

Winter vegetables continued to mature ideally. **Strawberry** fields continued to thrive. **Blueberries** continued to be planted, weather permitting. The **carrot** harvest stopped due to rain. Dry **onion** fields looked good, and water pumping continued. Fresh onion planting was delayed due to flooded fields. **Broccoli** harvest for seed continued. **Tomato** beds were getting weeds.

LIVESTOCK

Non-irrigated pasture and rangeland continued to green up due to rain. Range was reported to be primarily in fair to good condition. Standing water and flooding impacted some valley pastures and dairies. Sheep grazed in idle fields and dormant alfalfa fields. Bees continued to be brought into the state in preparation for the bloom season. Bee keepers continued to feed their hives to compensate for the lack of blooming vegetation.

CALIFORNIA CROP WEATHER – WEEK ENDING 01/23/2017

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 01/23/2017	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 - 01/23/2017	January 1 - 01/23/2017	July 1 - 01/23/2017	Week Ending 01/23/2017	July 1 - 01/23/2017	July 1 - 01/23/2017	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ -	-- Inches of Precipitation --			
North Coast											
Eureka WFO	48	0	57	34	0	0	68	3.83	31.57	20.33	38.10
Ukiah	47	0	62	34	0	0	51	6.04	30.88	20.04	38.90
Santa Rosa	47	-2	57	35	0	0	47	7.09	36.11	15.72	31.01
Napa State Hospital	49	1	57	33	0	0	41	4.45	24.94	13.42	26.46
Central Coast											
San Francisco	51	1	58	41	0	0	41	2.99	17.90	9.91	20.11
San Jose	50	-1	58	35	1	0	37	2.19	9.49	7.13	15.08
Salinas	51	0	60	37	0	0	26	1.24	6.85	6.07	12.91
Monterey	50	-2	59	35	1	0	40	2.17	13.31	9.71	20.35
King City Ag	49	-1	65	31	0	0	26	1.58	7.91	5.40	12.30
Paso Robles	48	0	62	29	1	0	29	1.69	7.85	5.79	13.08
Sacramento Valley											
Redding	48	2	68	30	0	0	47	4.11	29.92	16.36	33.52
Red Bluff	47	0	63	31	0	0	46	2.90	18.83	12.17	24.07
Willows 6W	45	0	53	33	0	0	36	3.60	14.65	9.32	19.03
Oroville	47	2	57	30	0	0	43	2.67	18.22	14.14	28.75
Marysville	47	1	57	29	0	0	39	2.15	15.73	11.05	22.07
Sacramento	47	0	57	31	0	0	42	2.58	19.22	8.73	17.93
San Joaquin Valley											
Stockton	47	1	59	30	0	0	42	2.13	12.27	6.80	13.84
Modesto	49	2	60	34	2	0	37	2.13	10.44	6.11	13.12
Merced Macready	47	0	57	29	3	0	34	1.26	9.68	5.69	12.50
Madera	48	2	60	31	7	0	32	1.47	8.47	5.22	11.94
Fresno	49	3	59	33	6	0	27	1.40	9.82	4.89	11.23
Lemoore NAS	47	1	59	28	2	0	24	1.22	6.02	3.44	7.89
Visalia	49	3	59	31	4	0	23	1.27	6.28	5.04	11.03
Bakersfield	50	2	62	34	11	0	25	0.96	5.59	2.73	6.49
Cascade Sierra											
Alturas	33	2	42	9	0	0	54	0.20	7.16	5.67	12.13
Mount Shasta	36	1	53	25	0	0	52	4.77	33.10	19.41	39.16
Blue Canyon	36	-3	55	28	0	0	54	4.07	66.31	32.10	66.36
Yosemite Valley	36	-2	49	27	0	0	36	5.33	35.48	18.06	37.73
South Coast											
Santa Maria	50	-2	64	33	4	0	32	1.93	10.22	5.75	14.01
Santa Barbara	52	-1	65	39	1	0	26	4.92	13.39	7.11	16.93
Oxnard NWS	53	-3	64	41	3	0	23	5.15	13.75	6.65	15.62
Riverside	52	-4	68	32	6	0	26	2.47	9.37	4.24	10.22
Los Angeles	55	-2	65	46	8	22	26	4.42	11.04	5.79	13.15
San Diego	58	0	66	50	11	22	27	1.33	7.51	4.77	10.77
Southeast Interior											
Bishop	38	0	56	21	0	0	17	0.89	4.76	2.46	5.02
Daggett	49	1	61	31	0	0	17	0.56	3.80	2.43	4.17
Lancaster ATC	46	2	58	28	0	0	24	1.24	4.17	3.36	7.40
Thermal	55	0	70	36	2	0	18	0.48	3.08	2.08	3.53
Blythe	56	2	66	39	2	0	16	0.18	3.38	2.67	4.02
Imperial CA	57	1	69	41	12	0	12	0.35	1.80	2.13	2.96

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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