



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER



Unseasonably dry and warm weather persisted across California this week as a stubborn high pressure ridge continued to block cool air and storm systems from moving across the State. The weather at the beginning of the week was warm and dry, with daytime highs reaching the

80s across the south and temperatures reaching the 70s in the north, unheard of in January for the northern regions of the State. At midweek, a low pressure system slid down the eastern side of the West Coast ridge, causing an increase in off shore winds across the State and leading to a moderate Santa Ana wind episode in the southern counties. The low pressure system then retrograded westward, moving across Northern California and moved into the Pacific. This system did bring a few clouds overnight on Thursday and early Friday morning, but the only precipitation associated with the system were isolated showers across the Sierra Nevada Mountains, with no measurable precipitation recorded. High pressure rapidly rebuilt over California on Friday, leading to more record warm temperatures across the State. No significant precipitation was reported during the week.

FIELD CROPS

Winter grains experienced varying levels of stress due to drought and did not germinate. Dry soil and wind abrasion was a factor in Northern California and irrigation continued where possible. Lack of precipitation caused dry land grains to shrivel. **Oat** fields yellowed and showed a lack of vigor throughout the Central Valley. **Alfalfa** hay grew well in Fresno County due to warm temperatures.

FRUIT CROPS

The abnormally warm January temperatures have caused some fruit trees to bud out early. Fruit orchards across the State continued to require irrigation, due to lack of rain. Minneola **tangelo** harvest was expected to start soon. Navel **orange** harvest was ongoing. **Lemon** harvest remained active. Satsuma **mandarin** and Clementine **tangerine** harvests were slowing. Murcott tangerine harvest was ongoing. **Avocados** were harvested. Farmers continued to prune and irrigate **kiwi** and **grape** vines.

NUT CROPS

Almond buds continued to swell. Almond, **walnut** and **pistachio** orchards continued to need irrigation due to existing drought conditions. Tree removals were ongoing and land was prepared for tree planting.

VEGETABLE CROPS

Tulare County fields were prepared and planted with **onion**, **broccoli**, **cauliflower**, and **cabbage**. In Fresno County, processing **tomato** fields were bedded and received fumigation. Broccoli and **lettuce** harvests were ongoing. **Carrot** harvest was ending. **Cilantro** and **mustard** for seed were irrigated. Fertilizer and herbicides were applied to processing onions.

LIVESTOCK

Range and non-irrigated pasture continue in poor to fair condition. Drought conditions continued across most of the State with extreme conditions throughout most of the San Joaquin Valley and Central Coast. Livestock supplemental feeding of hay and grain continued. Sheep grazed some alfalfa fields. Bees were moved in preparation for the imminent almond pollination.

CALIFORNIA CROP WEATHER – WEEK ENDING 1/26/14

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 1/26/14	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 1/26/14	January 1 - 1/26/14	July 1 - 1/26/14	Week Ending 1/26/14	July 1 - 1/26/14	July 1 - 1/26/14	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1--	-- Inches of Precipitation --			
North Coast											
Eureka WFO	48	0	70	34	120	73	31	0.00	5.27	20.90	38.10
Ukiah	53	+6	77	25	1,756	1,479	11	0.00	2.10	20.91	38.90
Santa Rosa AG	53	+4	73	30	1,581	1,143	6	0.00	1.85	16.43	31.01
Napa State Hosp	54	+6	72	32	1,478	1,222	6	0.00	2.52	14.00	26.46
Central Coast											
San Francisco A	56	+6	69	43	730	567	5	0.00	1.50	10.41	20.11
San Jose AP	55	+4	72	37	1,394	1,613	5	0.00	1.57	7.46	15.08
Salinas AP	57	+6	78	38	728	629	9	0.00	0.92	6.37	12.91
Monterey AP	55	+4	70	38	404	327	11	0.00	1.11	10.19	20.35
King City Ag	57	+7	80	32	1,386	1,312	8	0.00	0.50	5.67	12.30
Paso Robles AP	54	+6	77	28	2,063	1,692	5	0.00	0.46	6.12	13.08
Sacramento Valley											
Redding	57	+11	78	26	2,966	2,524	12	0.00	3.58	17.07	33.52
Red Bluff	58	+11	79	32	3,075	2,759	9	0.00	1.97	12.68	24.07
Willow s 6W	54	+9	74	31	2,491	2,157	8	0.00	2.31	9.75	19.03
Oroville AP	54	+9	78	33	2,532	2,239	8	0.00	2.73	14.76	28.75
Marysville	53	+6	76	28	2,546	2,589	8	0.00	2.40	11.50	22.07
Sacramento AP	53	+6	76	30	2,285	2,096	8	0.00	1.90	9.16	17.93
San Joaquin Valley											
Stockton	51	+5	74	30	2,330	2,347	7	0.00	1.72	7.10	13.84
Modesto AP	52	+5	73	31	2,714	2,487	5	0.00	1.49	6.40	13.12
Merced Macready	52	+5	73	31	2,765	2,459	5	0.00	1.01	5.96	12.50
Madera AP	53	+8	77	31	2,640	2,579	8	0.00	0.97	5.49	11.94
Fresno AP	56	+10	78	37	3,745	2,809	5	0.00	0.73	5.13	11.23
Lemoore NAS	56	+10	81	33	3,209	2,522	4	0.00	0.31	3.60	7.89
Visalia AP	54	+8	75	34	2,924	2,570	4	0.00	0.73	5.27	11.03
Bakersfield AP	60	+12	79	38	3,661	3,196	4	0.00	1.07	2.86	6.49
Cascade Sierra											
Alturas AP	35	+4	62	5	653	451	20	0.00	1.30	5.83	12.13
Mount Shasta AP	44	+9	63	24	978	510	22	0.00	3.04	20.19	39.16
Blue Canyon	52	+14	65	40	1,156	692	13	0.00	5.33	33.44	66.36
Yosemite Valley	49	+11	65	31	1,880	1,278	11	0.00	4.01	18.86	37.73
South Coast											
Santa Maria AP	59	+8	82	38	911	633	9	0.00	0.50	6.06	14.01
Santa Barbara A	57	+4	76	36	1,047	1,210	8	0.00	1.35	7.54	16.93
Oxnard NWS	61	+6	81	41	1,502	1,124	4	0.00	0.77	7.05	15.62
Riverside AP	65	+10	84	44	3,310	2,867	9	0.00	1.10	4.51	10.22
Los Angeles AP	63	+6	78	49	1,989	1,874	7	0.00	1.05	6.14	13.15
San Diego AP	62	+5	77	50	2,012	2,177	15	0.00	2.24	5.04	10.77
Southeast Interior											
Bishop AP	44	+7	71	21	2,083	1,770	10	0.00	0.85	2.57	5.02
Daggett AP	54	+6	71	34	4,492	3,890	12	0.00	2.83	2.54	4.17
Lancaster ATC	49	+5	69	24	3,130	2,510	8	0.00	1.61	3.55	7.40
Thermal	61	+5	84	35	5,427	5,183	9	0.00	1.62	2.19	3.53
Blythe AP	61	+7	78	38	5,847	5,399	17	0.00	2.54	2.74	4.02
Imperial CA	62	+6	81	39	5,669	5,235	11	0.00	2.11	2.15	2.96

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

Precipitation (rain or melted snow/ice) is in inches.

Air Temperatures are in Degrees Fahrenheit.

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

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