



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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FREQUENCY: Weekly
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WEATHER



The remains of a weak low pressure system spread light showers across California at the start of the week. High pressure quickly moved in behind this system to return the dry and mild conditions by Tuesday which continued through midweek. Towards the end of the week this pattern finally broke down

and permitted the storm door to open up a bit for California. The first storms were cold and brought relatively minor precipitation to California but by the weekend, a moist subtropical air mass was drawn towards the West Coast, resulting in a classic "atmospheric river" pattern which brought the first really heavy precipitation to the State in over a year. Periods of heavy rain fell across much of the State, with a particular focus across the Central Coast, the Sacramento Valley and across the western slopes of the Sierra Nevada Mountains. The subtropical air which brought the moisture was relatively warm, so snow levels were very high with this storm and much of the precipitation which fell in the mountains was in the form of rain. Showers decreased on Sunday as the bulk of the moisture shifted away from California.

FIELD CROPS

Non-irrigated **wheat** and small grains in the Northern Central Valley showed a positive response to recent rains. **Rice** fields were drained and leveled. **Oats** showed better growth due to rain, but conditions were still below average. **Alfalfa** was sprayed for aphids, but it still required irrigation to maintain growth. Growers prepared for **corn** field plantings.

FRUIT CROPS

More and more stone fruit trees began blooming. Pruning in fruit orchards and vineyards continued. Canes were being tied in **kiwi** and **grape** vineyards. **Blueberry** bloom was increasing. Navel **orange**, Murcott **tangerine** and **lemon** harvests continued in the San Joaquin Valley. Minneola **tangelo** harvest began.

NUT CROPS

Rain this past week was a relief to nut growers, although more rain is still needed. **Almond** bloom began in scattered orchards across the State. Most trees were still pushing buds. Pruning remained active in **walnut**, **pecan**, and **pistachio** orchards.

VEGETABLE CROPS

Fields in Tulare County were prepared and planted with winter vegetables. **Onion**, **broccoli**, **cauliflower**, and **cabbage** continued to grow well. Certified producers were growing **peas**, **carrots**, and **kale**. In Fresno County, harvest of winter vegetables slowed due to wet conditions. Processing **tomato** fields were bedded and received fumigation. Fumigation for carrot plantings was ongoing. Early **asparagus** began to emerge in San Joaquin County. **Parsley**, onions, **spinach**, and broccoli were growing well in Stanislaus County.

LIVESTOCK

Range and non-irrigated pasture continue in poor to fair condition. Despite the storms, drought conditions continued across most of the State. Livestock supplemental feeding of hay and grain continued. Bees are in place for almond pollination.

CALIFORNIA CROP WEATHER – WEEK ENDING 2/9/14

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 2/9/14	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 2/9/14	January 1 - 2/9/14	July 1 - 2/9/14	Week Ending 2/9/14	July 1 - 2/9/14	July 1 - 2/9/14	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1 --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	47	-2	59	32	120	73	39	1.71	7.59	23.57	38.10
Ukiah	47	-3	58	27	1,756	1,479	18	4.71	7.39	24.62	38.90
Santa Rosa AG	48	-4	58	27	1,581	1,143	14	6.44	8.93	19.55	31.01
Napa State Hosp	49	-3	57	30	1,480	1,222	13	7.69	10.79	16.63	26.46
Central Coast											
San Francisco A	52	+2	59	43	731	567	10	1.63	3.98	12.52	20.11
San Jose AP	51	-2	63	36	1,397	1,613	11	0.78	2.54	8.93	15.08
Salinas AP	52	-1	64	37	731	629	15	0.51	1.91	7.63	12.91
Monterey AP	53	0	64	38	407	327	18	0.90	2.63	12.15	20.35
King City Ag	50	-3	67	31	1,387	1,312	13	0.20	0.82	6.92	12.30
Paso Robles AP	50	0	64	32	2,063	1,692	9	0.71	1.41	7.52	13.08
Sacramento Valley											
Redding	45	-4	57	25	2,966	2,524	17	3.15	7.07	19.97	33.52
Red Bluff	47	-3	58	28	3,075	2,759	14	2.66	4.98	14.83	24.07
Willow s 6W	47	-2	57	29	2,491	2,157	13	3.55	5.93	11.62	19.03
Oroville AP	49	0	58	33	2,532	2,239	14	3.03	6.13	17.42	28.75
Marysville	48	-3	59	29	2,546	2,589	14	3.42	6.11	13.46	22.07
Sacramento AP	49	-2	59	31	2,285	2,096	17	2.65	4.72	11.01	17.93
San Joaquin Valley											
Stockton	49	-2	60	32	2,330	2,347	14	1.04	3.05	8.36	13.84
Modesto AP	50	-2	64	32	2,714	2,487	11	0.73	2.72	7.66	13.12
Merced Macready	49	-2	64	31	2,765	2,459	10	0.52	1.85	7.22	12.50
Madera AP	50	+1	67	31	2,640	2,579	14	0.98	2.30	6.59	11.94
Fresno AP	51	+2	67	36	3,745	2,809	11	0.89	2.25	6.18	11.23
Lemoore NAS	53	+4	70	33	3,210	2,522	10	0.47	0.87	4.30	7.89
Visalia AP	50	+1	66	30	2,924	2,570	7	0.47	1.20	6.24	11.03
Bakersfield AP	52	+1	70	36	3,661	3,196	7	0.04	1.23	3.42	6.49
Cascade Sierra											
Alturas AP	32	-2	46	4	653	451	26	0.44	1.84	6.44	12.13
Mount Shasta AP	36	-2	49	16	978	510	27	1.24	4.34	23.53	39.16
Blue Canyon	34	-6	43	25	1,156	692	22	10.66	17.83	39.27	66.36
Yosemite Valley	39	-2	49	28	1,880	1,278	19	2.44	8.56	22.32	37.73
South Coast											
Santa Maria AP	54	+2	68	35	917	633	15	0.26	0.91	7.54	14.01
Santa Barbara A	53	-3	69	36	1,047	1,210	11	0.22	1.78	9.56	16.93
Oxnard NWS	54	-3	64	39	1,502	1,124	10	0.37	1.16	8.96	15.62
Riverside AP	55	-3	66	43	3,312	2,873	12	0.05	1.15	5.71	10.22
Los Angeles AP	57	-2	66	46	1,991	1,888	10	0.23	1.28	7.70	13.15
San Diego AP	59	+1	66	52	2,019	2,197	18	0.35	2.60	6.09	10.77
Southeast Interior											
Bishop AP	40	-2	75	14	2,083	1,770	12	0.00	1.05	3.04	5.02
Daggett AP	53	+3	80	34	4,503	3,890	13	0.01	2.84	2.87	4.17
Lancaster ATC	48	+3	71	24	3,130	2,510	10	0.06	1.72	4.36	7.40
Thermal	56	-3	77	36	5,449	5,204	9	0.00	1.62	2.58	3.53
Blythe AP	58	+1	80	39	5,873	5,412	17	0.00	2.54	3.01	4.02
Imperial CA	59	+1	79	43	5,698	5,263	11	0.00	2.11	2.37	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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