



# California Crop Weather

Cooperating with the California Department of Food and Agriculture  
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WEEK ENDING: January 19, 2014  
RELEASED: January 21, 2014

FREQUENCY: Weekly  
VOL. 34 NO. 29

## WEATHER



A stubborn high pressure ridge maintained its grip on the West Coast this week and resulted in dry and unseasonably warm temperatures across California. This pattern, combined with a surface based high pressure center located over the Great Basin, resulted in an offshore wind pattern

which developed into a moderate Santa Ana wind episode across Southern California. Daytime high temperatures across Northern California ran 10 to 20 degrees above normal. Overnight lows in the clear and dry air fell below normal levels with widespread frost across the region. High temperatures across the North reached mid-70s and a few locations hit the lower 80s, with overnight lows in the 30s. Highs in the 80s were common in Southern California where a few locations experienced highs in the lower 90s. No measurable precipitation was reported during the week.

## FIELD CROPS

Grain growers reported crop loss due to the freeze and have no plans to replant. Small grains were irrigated and treated with herbicides. Non-irrigated silage and **wheat** plantings continue to suffer from drought conditions and have not germinated. **Alfalfa** fields remained dormant.

## FRUIT CROPS

Navel **orange** harvest was ongoing. **Lemon** harvest remained active. Satsuma **mandarin** and Clementine **tangerine** harvests were slowing. Murcott tangerine harvest began. **Avocados** were harvested. A few **persimmons** were still harvested in Tulare County. Farmers continued to prune **kiwi** and **grape** vines. Pre-emergent sprays were applied to stone fruit trees. The prolonged lack of rain was of concern to growers across the State. The irrigation of permanent crops continued.

## NUT CROPS

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

## VEGETABLE CROPS

In Tulare County, fields were prepared and planted with winter vegetables. **Onions**, **broccoli**, **cauliflower**, and **cabbage** continued to grow. **Leeks** were harvested in San Mateo County and many fields remained in the growing stages. Processing **tomato** fields were bedded and received fumigation in Fresno County. Broccoli and **lettuce** harvests were ongoing. Baby **carrots** were harvested. Fresh onions were planted. Fertilizer and herbicides were applied to processing onions.

## LIVESTOCK

Range and non-irrigated pasture remained in poor to fair condition. Drought conditions persisted 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.

This report is available the first workday of the week after 1:00 PDT at [www.nass.usda.gov/Statistics\\_by\\_State/California/Publications/index.asp](http://www.nass.usda.gov/Statistics_by_State/California/Publications/index.asp)

**CALIFORNIA CROP WEATHER – WEEK ENDING 1/19/14**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 1/19/14	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 1/19/14	January 1 - 1/19/14	July 1 - 1/19/14	Week Ending 1/19/14	July 1 - 1/19/14	July 1 - 1/19/14	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1--	-- Inches of Precipitation --			
<b>North Coast</b>											
Eureka WFO	48	0	70	34	120	73	31	0.00	5.27	19.57	38.10
Ukiah	50	+4	76	25	1,756	1,479	11	0.00	2.10	19.02	38.90
Santa Rosa AG	50	+3	70	30	1,581	1,143	6	0.00	1.85	14.92	31.01
Napa State Hosp	52	+5	72	32	1,478	1,222	6	0.00	2.52	12.74	26.46
<b>Central Coast</b>											
San Francisco A	56	+7	73	42	730	567	5	0.00	1.50	9.35	20.11
San Jose AP	55	+5	76	36	1,394	1,613	5	0.00	1.57	6.75	15.08
Salinas AP	62	+12	86	37	726	629	9	0.00	0.92	5.74	12.91
Monterey AP	61	+11	84	42	404	327	11	0.00	1.11	9.19	20.35
King City Ag	56	+7	84	31	1,383	1,312	8	0.00	0.50	5.11	12.30
Paso Robles AP	53	+5	82	26	2,063	1,692	5	0.00	0.46	5.42	13.08
<b>Sacramento Valley</b>											
Redding	56	+12	80	29	2,955	2,524	12	0.00	3.58	15.53	33.52
Red Bluff	56	+10	80	31	3,067	2,759	9	0.00	1.97	11.56	24.07
Willow s 6W	59	+15	83	34	2,491	2,157	8	0.00	2.31	8.84	19.03
Oroville AP	52	+8	76	32	2,531	2,239	8	0.00	2.73	13.44	28.75
Marysville	49	+3	72	27	2,546	2,589	8	0.00	2.40	10.52	22.07
Sacramento AP	50	+4	71	30	2,285	2,096	8	0.00	1.90	8.25	17.93
<b>San Joaquin Valley</b>											
Stockton	49	+4	69	30	2,330	2,347	7	0.00	1.72	6.46	13.84
Modesto AP	50	+4	69	31	2,714	2,487	5	0.00	1.49	5.77	13.12
Merced Macready	50	+4	70	31	2,765	2,459	5	0.00	1.01	5.39	12.50
Madera AP	50	+5	71	30	2,639	2,579	8	0.00	0.97	4.96	11.94
Fresno AP	53	+8	74	35	3,744	2,809	5	0.00	0.73	4.63	11.23
Lemoore NAS	50	+5	75	29	3,204	2,522	4	0.00	0.31	3.25	7.89
Visalia AP	50	+6	73	30	2,924	2,570	4	0.00	0.73	4.78	11.03
Bakersfield AP	54	+7	77	36	3,641	3,196	4	0.00	1.07	2.58	6.49
<b>Cascade Sierra</b>											
Alturas AP	30	-1	63	5	653	451	20	0.00	1.30	5.52	12.13
Mount Shasta AP	36	+1	59	20	978	510	22	0.00	3.04	18.51	39.16
Blue Canyon	56	+18	66	39	1,156	692	13	0.00	5.33	30.61	66.36
Yosemite Valley	48	+11	65	29	1,880	1,278	11	0.00	4.01	17.22	37.73
<b>South Coast</b>											
Santa Maria AP	63	+12	89	38	900	633	9	0.00	0.50	5.41	14.01
Santa Barbara A	60	+7	85	38	1,043	1,210	8	0.00	1.35	6.66	16.93
Oxnard NWS	69	+14	85	43	1,484	1,124	4	0.00	0.77	6.20	15.62
Riverside AP	65	+10	85	42	3,276	2,867	9	0.00	1.10	3.95	10.22
Los Angeles AP	66	+10	87	46	1,966	1,867	7	0.00	1.05	5.41	13.15
San Diego AP	65	+8	82	49	1,991	2,168	15	0.00	2.24	4.48	10.77
<b>Southeast Interior</b>											
Bishop AP	46	+9	71	20	2,083	1,770	10	0.00	0.85	2.36	5.02
Daggett AP	53	+6	72	33	4,492	3,890	12	0.00	2.83	2.36	4.17
Lancaster ATC	45	+2	70	21	3,130	2,510	8	0.00	1.61	3.17	7.40
Thermal	61	+6	85	34	5,414	5,183	9	0.00	1.62	1.99	3.53
Blythe AP	61	+8	80	41	5,833	5,399	17	0.00	2.54	2.62	4.02
Imperial CA	60	+5	82	39	5,651	5,230	11	0.00	2.11	2.07	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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