



# California Crop Weather

Cooperating with the California Department of Food and Agriculture

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## WEATHER



California's week in weather started off with weak high pressure and broad westerly flow aloft. This neutral pattern led to slightly above normal daytime temperatures and slightly lower than normal nighttime temperatures. Precipitation remained absent from the state until a low pressure system from the northeast Pacific dropped into the region on Thursday. A pair of precipitation bands from this low pressure system moved over the state between Thursday and Saturday, but only brought light with occasionally moderate precipitation to an otherwise dry week. A few thunderstorms developed from the influence of this storm. With cooler than average temperatures in place from the storm, high pressure began to reassert dominance by the weekend. This high pressure resulted in sinking air, clearing skies, and morning frost in areas where conditions allowed.

## FIELD CROPS

In the southern parts of the San Joaquin Valley, **alfalfa** is coming out of dormancy with signs of new growth. Warm temperatures and dry conditions have forced **small grain** producers in the south to irrigate their crop, while northern producers reported that fields were growing slowly due to cooler temperatures.

## FRUIT CROPS

Peach, prune and other stone fruit orchards were irrigated, pruned and planted. Sprays were applied to early tree fruit varieties. Early variety peaches were blooming. Citrus and **avocado** growers continued to protect groves at night. A small percentage of freeze damage was found in Navels and other citrus varieties. Navel **oranges** and **lemons** continued to be harvested. **Mandarin** and **grapefruit** harvest continued.

## NUT CROPS

Bud swell progressed on **almond** trees. A few blooms became evident in early varieties in some areas. Pre-emergent spraying, orchard removal, planting and pruning continued in **walnut**, almond and **pistachio** orchards.

## VEGETABLE CROPS

In Tulare County, winter vegetables were being grown by certified growers for local Farmer's Markets. Fresno County reported processing **tomato** beds were being prepared, while **onions** were being sprayed for weed control. In Stanislaus County, **broccoli** was being harvested.

## LIVESTOCK

Range and pasture conditions were reported to be fair to poor as cool temperatures and a lack of precipitation impeded grass and forage development. Sheep and cattle grazed on idle fields, dry land grain and alfalfa fields. Supplemental feeding of livestock continued, though where pasture conditions permitted this was on the decline due to high feed prices. Bees continued to be brought into the state and placed in orchards for the imminent almond bloom.

**CALIFORNIA CROP WEATHER – WEEK ENDING 2/10/13**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION				
	Average Week Ending 2/10/13.	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year	
					January 1 - 2/10/13	January 1 - 2/10/13	July 1 - 2/10/13	Week Ending 2/10/13	July 1 - 2/10/13	July 1 - 2/10/13	July 1 - June 30	
	-- Degrees Fahrenheit --				-- Number --		-- Days /1 --	-- Inches of Precipitation --				
<b>North Coast</b>												
Eureka_WFO	44	-5	55	32	0	0	74	0.50	20.26	23.96	38.10	
Ukiah	46	-4	67	27	0	0	44	0.18	24.16	25.09	38.90	
Santa_Rosa_AG	48	-5	61	30	0	0	36	0.12	19.06	19.94	31.01	
Napa_State_Hosp	48	-4	61	31	0	0	38	0.07	15.76	16.95	26.46	
<b>Central Coast</b>												
San_Francisco_A	49	-4	59	38	0	0	38	0.25	11.42	12.78	20.11	
San_Jose_AP	47	-7	60	31	0	0	39	0.11	7.96	9.11	15.08	
Salinas_AP	48	-6	63	33	1	0	33	0.20	7.88	7.78	12.91	
Monterey_AP	47	-6	56	37	0	0	43	0.26	9.26	12.39	20.35	
King_City_Ag	47	-6	71	28	1	0	30	0.05	3.88	7.06	12.30	
Paso_Robles_AP	45	-6	70	25	0	0	29	0.08	3.98	7.69	13.08	
<b>Sacramento Valley</b>												
Redding	47	-2	63	30	0	0	40	0.53	20.62	20.34	33.52	
Red_Bluff	48	-2	64	32	0	0	38	0.10	14.50	15.10	24.07	
Willows_6W	48	-2	64	31	0	0	40	0.22	16.26	11.84	19.03	
Oroville_AP	47	-3	62	29	0	0	30	0.15	14.11	17.75	28.75	
Marysville	48	-3	63	29	0	0	33	0.19	15.56	13.71	22.07	
Sacramento_AP	47	-3	62	30	0	0	29	0.02	11.59	11.23	17.93	
<b>San Joaquin Valley</b>												
Stockton	47	-4	66	29	0	0	34	0.02	8.36	8.52	13.84	
Modesto_AP	48	-4	65	30	0	0	35	0.02	7.14	7.82	13.12	
Merced_Macready	46	-4	66	30	0	0	29	0.05	6.07	7.37	12.50	
Madera_AP	45	-5	66	29	0	0	27	0.29	5.99	6.72	11.94	
Fresno_AP	49	-2	67	36	0	0	25	0.42	4.38	6.30	11.23	
Lemoore_NAS	44	-7	67	26	0	0	28	0.34	2.27	4.39	7.89	
Visalia_AP	46	-5	66	30	0	0	23	0.66	2.91	6.36	11.03	
Bakersfield	50	-3	71	32	0	0	27	0.08	1.70	3.49	6.49	
<b>Cascade Sierra</b>												
Alturas_AP	32	-2	52	16	0	0	43	0.07	4.44	6.51	12.13	
Mount_Shasta_AP	38	0	57	22	0	0	45	0.40	20.38	23.94	39.16	
Blue_Canyon	37	-3	54	21	0	0	50	0.19	37.01	39.98	66.36	
Yosemite_Valley	39	-2	60	24	0	0	30	0.21	11.87	22.72	37.73	
<b>South Coast</b>												
Santa_Maria_AP	49	-5	69	32	0	0	27	0.79	5.14	7.72	14.01	
Santa_Barbara_A	51	-5	64	35	0	0	30	0.05	8.08	9.80	16.93	
Oxnard_NWS	51	-5	64	36	46	0	25	0.00	4.35	9.19	15.62	
Riverside_AP	52	-6	69	35	31	7	24	0.57	3.39	5.84	10.22	
Los_Angeles_AP	53	-6	62	39	51	41	27	0.07	5.01	7.90	13.15	
San_Diego_AP	54	-5	62	44	32	50	27	0.27	4.66	6.21	10.77	
<b>Southeast Interior</b>												
Bishop_AP	42	+2	68	13	0	0	12	0.00	0.87	3.09	5.02	
Daggett_AP	54	+3	77	34	2	0	13	0.00	1.18	2.90	4.17	
Lancaster_ATC	46	-2	73	21	0	0	9	0.17	0.73	4.46	7.40	
Thermal	57	-2	83	33	33	23	12	0.00	2.52	2.61	3.53	
Blythe_AP	58	0	76	37	28	15	17	0.00	4.35	3.04	4.02	
Imperial_CA	59	0	79	38	39	35	11	0.00	2.03	2.40	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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