



# California Crop Weather

Cooperating with the California Department of Food and Agriculture

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## WEATHER



A high pressure system was passing over the West Coast at the start of the week. The system was quickly pushed out of the area by a Pacific cold front which quickly moved through the state. This system brought widespread, but light, precipitation to California and kicked up gusty winds, especially in the south. By Wednesday, a low pressure system from the Gulf of Alaska approached California. This low system first pushed a warm front across northern California on Thursday, and then a cold front on Friday. These two frontal systems brought significant rainfall to northern California, but none to the south. Eventually, the cold air behind the front moved into the Great Basin in northeast Nevada. This formed a very strong high pressure area at the surface which resulted in an outbreak of Santa Ana winds across southern California. The strong off shore winds resulted in very dry conditions with very high fire hazards in the southern counties for the rest of the week, while the north saw dry and mild conditions.

## FIELD CROPS

Fields for **lettuce** seed were being harvested. **Rice** straw baling was almost complete. **Sudan** grass was being cut and baled. **Alfalfa** harvest was winding down as new alfalfa fields were being planted. **Safflower** harvest was almost complete. **Cotton** harvest and defoliation continued. **Oat** and **winter forage** planting continued while winter **wheat** planting was underway. Herbicide sprays have been applied to earlier planted oat fields in some areas across the state. **Corn** silage and corn grain harvests were slowing down. **Dry lima** and other dry **bean** harvest continued. **Sugar beets** remained in various stages of development. **Sorghum** was being harvested in Fresno County.

## FRUIT CROPS

**Grape** harvest continued with Autumn Royal, Crimson Seedless, Christmas Rose, and Red Globe table varieties being picked. Wine and juice grapes were also harvested. Varieties picked included Alicante Bouschet, Grenache, Merlot, Muscat, and Zinfandel. The **apple**, **quince**, **pear**, **jujube**, and **kiwi** harvests continued. The quality of kiwis were very good, though volumes have been low this season. Hachiya and Fuyu **persimmons** were being harvested. **Pomegranates** were showing more color with Wonderful and Early Foothill varieties being harvested. Tango **peach** harvest continued in Fresno County. **Strawberry** transplants were growing well. Early strawberry production was taking place in Tulare County. Some Valenica **oranges** were still being picked and packed. The Navel orange crop was showing good maturity. A few groves were harvested, though rains delayed picking. Satsuma **mandarins** and Chandler **pummelos** were picked. **Olive** harvest continued.

## NUT CROPS

**Walnuts**, **almonds**, and **pistachios** continued to be harvested throughout the State. Almond and pistachio harvests were about 95 percent complete in Tulare County. Some harvested almond groves were pruned. Walnut groves were also pruned and cleaned.

## VEGETABLE CROPS

**Melons**, and processing and fresh market **tomatoes** were still treated for control of insects, mildew, and weeds. Ground preparations continued for winter **carrot** and **lettuce** planting. Early planted lettuce and **broccoli** crops continued to grow. Harvest continued for fall broccoli, carrots, pickling **cucumbers**, leaf lettuce, freezer lima **beans**, **parsley**, **radishes**, **spinach**, and **sweet corn**. Processing and fresh market tomato, **garlic**, **onion**, **squash**, and **cantaloupe** harvests were winding down. **Watermelon**, **asparagus**, **bell pepper**, and **pumpkin** harvests were nearly complete. Harvest of **amaranth**, **basil**, bittersweet melons, **bok choy**, **cassava**, **cilantro**, **choy sum**, Indian beans, **dill**, **daikon**, leaf lettuce, **lemon grass**, **lobok**, long beans, **mint**, **moqua**, collard and mustard **greens**, **eggplant**, **kale**, **okra**, **tatsoi**, **tong ho**, and **yu choy** continued. Vegetable fields were being weeded, irrigated, fertilized and treated to control insects and mildew.

## LIVESTOCK

New grass growth began on some foothills in the northern area but more rain was needed soon. Rain did not materialize in the central area where supplemental feeding of hay and nutrients continued. Fall calving continued and was winding down in a few areas. Cooler weather was boosting milk production. Sheep and goats were grazing on retired farm land and abandoned alfalfa fields as well as harvested wheat, safflower, tomato, corn, and melon fields. Fall lambing continued. Feeder lambs were arriving in the Imperial Valley for the winter pasture season. Bees were pollinating cucumber, bean, and squash fields. Local and out-of-State bees were moving to winter staging areas.

**CALIFORNIA CROP WEATHER – WEEK ENDING 10/21/07**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION			
	Average Week Ending 10/21/07	Departure from Normal	High	Low	This Season	Normal	This Season		Normal	
					January 1 - 10/21/07	January 1 - 10/21/07	Week Ending 10/21/07	July 1 - 10/21/07	July 1 - 10/21/07	July 1 - June 30
<b>NORTH COAST</b>	-- Degrees Fahrenheit --				-- Number --		-- Inches --			
Eureka	53	-2	62	37	89	0	4.89	8.79	2.70	37.53
Ukiah	55	-5	76	36	1,495	1,454	1.06	2.29	1.99	37.96
Santa Rosa	57	-5	82	41	878	920	1.02	4.51	1.62	30.30
<b>CENTRAL COAST</b>										
San Francisco AP	60	-1	72	52	544	442	0.03	2.16	0.89	19.70
San Jose	61	-2	76	49	1,184	1,326	0.09	1.31	0.84	14.42
Salinas AP	59	-2	74	42	455	431	0.60	1.77	0.68	12.44
Monterey FAA	59	-1	73	45	326	145	0.12	1.26	1.81	18.72
King City	60	-2	77	42	1,231	1,041	0.05	0.30	0.54	11.44
Paso Robles AP	60	-2	81	34	1,708	1,552	0.12	0.35	0.66	13.95
<b>SACRAMENTO VALLEY</b>										
Redding	57	-7	74	42	2,632	2,497	1.25	4.34	2.19	33.30
Red Bluff FSS	57	-7	74	41	2,606	2,600	0.21	2.34	1.83	22.29
Chico AFS	59	-3	76	37	2,404	2,042	0.14	2.04	1.52	26.32
Marysville	60	-5	75	44	2,461	2,425	0.22	2.31	1.18	21.04
Sacramento AP	60	-4	76	47	1,902	1,922	0.05	1.72	0.93	17.52
<b>SAN JOAQUIN VALLEY</b>										
Stockton WSO	62	-2	78	48	2,432	2,204	0.12	1.32	0.83	13.95
Fresno	62	-3	78	44	3,040	2,777	0.01	0.21	0.62	10.60
Bakersfield	62	-6	78	47	3,188	3,091	0.00	0.26	0.43	5.72
<b>SOUTH COAST</b>										
Santa Maria AP	63	2	85	50	597	410	0.22	0.48	0.62	12.36
Santa Barbara	64	2	86	47	578	731	0.01	0.54	1.01	16.25
Ventura	61	61	78	48	607	0	0.00	0.41	0.72	14.38
Los Angeles	67	-2	88	54	2,164	2,277	0.00	1.47	0.65	14.77
Riverside	67	0	95	48	2,862	2,316	0.00	0.00	0.62	9.58
San Diego AP	65	-2	84	57	1,467	1,685	0.13	0.46	0.58	9.90
<b>SOUTHEAST INTERIOR</b>										
Bishop	--	--	74	31	2,007	1,552	0.00	0.79	0.69	5.37
Lancaster	60	-2	87	38	2,941	2,343	0.00	0.40	0.65	6.92
Daggett AP	66	-2	88	49	4,304	3,883	0.00	0.16	1.25	3.93
Thermal AP	73	1	97	50	4,906	4,721	0.00	0.20	1.09	3.16
Blythe	73	-1	96	55	5,508	5,213	0.00	0.12	1.66	3.60
Imperial	75	0	100	56	5,340	4,940	0.00	0.68	1.02	2.75
<b>CASCADE - SIERRA</b>										
Alturas	44	-3	65	20	493	296	1.13	2.50	1.78	12.01
Mt. Shasta	45	-6	56	27	750	446	1.44	4.10	2.96	37.02
Blue Canyon	43	-11	58	33	1,044	574	2.82	7.04	4.93	67.04
Yosemite	--	--	68	32	1,359	1,090	0.00	0.93	2.96	37.05

Normal is defined as average over the 30-year period 1961 through 1990. Dashes (-) in Average Week Ending and Departure from Normal columns mean less than five days reporting, while in High and Low columns mean no days reporting.

Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data are quality controlled by the National Climatic Data Center, the accumulated growing degree day and precipitation values are updated.