



# California Crop Weather

Cooperating with the California Department of Food and Agriculture

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## WEATHER



At the start of the week, an unusually strong low pressure system was approaching the West Coast, centered near British Columbia. The associated low pressure trough came ashore in northern California late Tuesday, and pushed a cold front across the northern half of the state, resulting in very cool temperatures and unusually high rainfall amounts across the northern tier of the state. Storm total accumulations up to 3 inches were reported at some stations in the northern mountains, and even Redding Airport, in the northern Sacramento Valley, reported rainfall in excess of an inch, very rare for July.

The rain did not extend much further than the Sacramento Valley, and the rest of the state remained dry. After the cold front had passed, building high pressure aloft and an offshore flow resulted in very dry conditions in southern California by the end of the week, with humidity values down in the single digits. By Sunday, high pressure building over the state from the east had brought above normal temperatures all across California.

## FIELD CROPS

Irrigation and weed treatments in **rice** fields were almost complete. **Sudan** harvest continued. **Safflower** fields were dried prior to harvest with early fields being harvested in Fresno County. The fifth cutting of **alfalfa** hay continued. **Sunflower** seed harvest began this week in Monterey County. **Sugar beets** were being fertilized and irrigated in some parts of the state. **Cotton** bloom and boll setting continued. **Corn** for silage harvest continued. The planting of late season corn was complete in Tulare County. **Black beans** continued to set and develop pods. **Wheat, barley, and oats** were being harvested in Kern County.

## FRUIT CROPS

Black Emerald, Red Globe, Champagne, Flame Seedless, Perlette, Thompson Seedless and Summer Royal table **grape** harvests moved forward. Fungicides were applied in vineyards. Fertilization, irrigation and weed control also took place. **Figs** were harvested in Merced and Fresno Counties. A few **strawberry** and **blueberry** fields were still being harvested in Stanislaus County. **Pomegranates** were forming fruit. **Persimmons** and **kiwifruit** were treated for weeds and insects. Many varieties of **peaches** and **nectarines** were being harvested throughout the State. **Plums, prunes, and pluots** were also harvested. Due to higher temperatures, mite concentrations were higher in orchards. Miticide spraying increased in many tree fruit orchards. **Valencia** harvest remained slow as growers worked around freeze damaged fruit. **Lemon** harvest progressed at a slower pace. Stress was high in **olive** groves due to the heat and as a result irrigation practices increased.

## NUT CROPS

Codling moth and mite treatments took place on **walnuts**. Weed treatments took place in **almond** groves. Almond hull splitting continued and some bows were still being braced due to the heavy set. The **pistachio** crop appeared to be heavy in Stanislaus County.

## VEGETABLE CROPS

Harvesting continued for fresh market **tomatoes, carrots, onions, cucumbers, squash, eggplant, bell peppers, watermelon, cantaloupe, and honeydew melons**. Processed tomato harvest slowly started in some areas of the state with good quality reported. **Sweet corn** harvest for road side stands was in full swing. Sprays were applied to fields of tomatoes, **lettuce**, bell peppers, and melons to control insects, weeds, and mildew. The harvests of various **greens, kale, mint, okra, onions, parsley, radishes, spinach, Swiss chard, turnips**, and many kinds of Asian vegetables were ongoing.

## LIVESTOCK

Fire danger remained high in foothill and mountain areas. Cattle were receiving supplemental feed and nutrient supplements in some foothill areas. Non-irrigated pastures continued to dry rapidly at higher elevations due to below normal rainfall and snow pack this past winter/spring. Cattle were doing well on irrigated pastures. Some cattle were still being shipped to market. Milk production declined seasonally due to higher temperatures. Sheep were grazing on dry land wheat, retired farmland and older alfalfa fields in central California. Bees were in squash, cucumber, melon and alfalfa seed fields.

**CALIFORNIA CROP WEATHER – WEEK ENDING 07/22/07**

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION			
	Average Week Ending 07/22/07	Departure from Normal	High	Low	This Season	Normal	This Season		Normal	
					January 1 - 07/22/07	January 1 - 07/22/07	Week Ending 07/22/07	July 1 - 07/22/07	July 1 - 07/22/07	July 1 - June 30
<b>NORTH COAST</b>	-- Degrees Fahrenheit --				-- Number --		-- Inches --			
Eureka	61	3	68	53	15	0	1.33	1.35	0.16	37.53
Ukiah	70	-4	93	52	689	585	0.11	0.12	0.08	37.96
Santa Rosa	67	-1	86	50	384	349	0.12	0.17	0.07	30.30
<b>CENTRAL COAST</b>										
San Francisco AP	66	3	75	57	226	118	0.02	0.02	0.04	19.70
San Jose	69	-1	80	59	569	564	0.01	0.01	0.04	14.42
Salinas AP	67	3	81	56	168	106	0.00	0.00	0.04	12.44
Monterey FAA	65	4	74	55	104	18	0.00	0.00	0.08	18.72
King City	71	3	90	53	582	411	0.00	0.00	0.01	11.44
Paso Robles AP	76	2	101	55	864	651	0.00	0.00	0.00	13.95
<b>SACRAMENTO VALLEY</b>										
Redding	76	-6	99	59	1,444	1,129	1.71	1.71	0.11	33.30
Red Bluff FSS	78	-4	99	61	1,437	1,203	1.30	1.30	0.11	22.29
Chico AFS	76	-1	97	56	1,285	938	0.27	0.27	0.09	26.32
Marysville	76	-4	96	55	1,308	1,156	0.03	0.04	0.07	21.04
Sacramento AP	74	-2	95	57	995	850	0.00	0.01	0.05	17.52
<b>SAN JOAQUIN VALLEY</b>										
Stockton WSO	77	-1	97	58	1,298	1,006	0.07	0.16	0.04	13.95
Fresno	80	-3	99	64	1,616	1,317	0.00	0.00	0.01	10.60
Bakersfield	79	-5	96	65	1,734	1,457	0.00	0.00	0.01	5.72
<b>SOUTH COAST</b>										
Santa Maria AP	65	1	79	53	242	100	0.00	0.00	0.02	12.36
Santa Barbara	67	1	84	55	214	216	0.00	0.03	0.03	16.25
Ventura	65	65	75	55	248	0	0.00	0.00	0.01	14.38
Los Angeles	73	-2	85	63	1,044	1,012	0.00	0.00	0.00	14.77
Riverside	78	0	96	60	1,385	979	0.00	0.00	0.02	9.58
San Diego AP	68	-3	74	63	542	676	0.00	0.00	0.02	9.90
<b>SOUTHEAST INTERIOR</b>										
Bishop	77	0	102	50	1,076	746	0.03	0.04	0.12	5.37
Lancaster	82	1	102	65	1,609	1,080	0.00	0.00	0.07	6.92
Daggett AP	89	0	107	69	2,403	1,922	0.00	0.00	0.24	3.93
Thermal AP	92	1	112	69	2,645	2,471	0.00	0.00	0.10	3.16
Blythe	96	1	114	80	2,993	2,723	0.00	0.00	0.18	3.60
Imperial	94	2	113	77	2,924	2,535	0.00	0.00	0.06	2.75
<b>CASCADE - SIERRA</b>										
Alturas	64	-2	94	37	282	104	0.04	0.04	0.24	12.01
Mt. Shasta	65	-3	87	46	357	171	0.17	0.18	0.36	37.02
Blue Canyon	65	-4	79	52	458	197	0.00	0.00	0.43	67.04
Yosemite	--	--	91	49	629	412	0.00	0.00	0.41	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.