



California Crop Weather

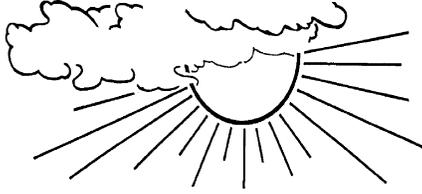
Cooperating with the California Department of Food and Agriculture

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WEATHER



High pressure aloft continued to dominate California's weather as it had the previous week. The Central Valley and adjacent mountains, and even the San Francisco Bay region saw very warm temperatures. Much of the interior of northern California also had very bad air quality due to numerous wildfires. Southern California's temperatures were also above normal, but not to the extent of those in the North. Towards the end of the week, the high pressure began to weaken, partly in response to a low pressure system moving through western Canada. Also, subtropical moisture began to make its

way into southern California from Mexico. These two factors brought some significant changes to the state's weather by the weekend. The weakening of the high resulted in an increased onshore flow and some relief to the heat in the North. In the South, the increased moisture led to scattered thunderstorm activity across the region's mountains and in the southeastern deserts. These thunderstorms were "wet", and brought brief heavy rain where they developed. This was the only significant precipitation for the state this week.

FIELD CROPS

Irrigated **wheat** harvest continued. **Alfalfa** growers continued to cut, windrow, rake, and bale. The fourth cutting of alfalfa was nearing completion. **Corn** for silage and grain continued to progress well. **Barley, oats**, and winter forage continued to be windrowed for hay production. Dryland grain and barley harvest for hay was complete. Dry **lima bean** and **blackeye** bean planting was winding down. Spring **sugar beet** harvest was almost complete while fall sugar beets were irrigated and treated with insecticides. **Cotton** fields continued to grow well and were being cultivated and side-dressed with pesticides. **Rice** fields continued to grow nicely with early planted fields being treated to control weeds. **Safflower** fields remained in full bloom or were being dried down for harvest.

FRUIT CROPS

Grape bunches continued to expand. Harvest of the Flame Seedless variety continued. In some areas grape yields were expected to be lower due to the freeze earlier this season. Patterson **apricots**; Brittany Lane, Diamond Princess, Early Saturn, Elegant Lady, Glacier White, Ivory Princess, Jasper Gem, Jasper Treasure, July Flame, Magenta Queen, Rich Lady, Snow Angel, Snow Blaze, Spring Flame, Spring Snow, Spring Treat, Sweet Dream, Sweet Kay, Sweet Sun, Summer Flame, Summer Lady, Summer Sweet, Vista Gem and Zee Lady **peaches**; Black Amber, Black Beaut, Black Splendor, Catalina, Crimson Gold, Owen T, Red Beaut, Red Crimson, Ruby Red, Ruby Rosa, Sugar Drop and Yummy Beaut **plums**; Dapple Fire, Dapple Supreme and Honey Red Dino **pluots**; and Arctic Belle, Diamond Bright, Diamond Pearl, Grand Pearl, Honey Fire, July Pearl, June Pearl, Red Diamond, Red Jewel, Red Roy, Ruby Bright, Ruby Diamond, Ruby Pearl, Summer Bright and Sunny Gun **nectarines** were harvested. **Figs** were also picked. Harvests of **boysenberries** and **blueberries** were winding down. Valenica **oranges, lemons** and **grapefruit** were harvested. **Olives** were forming fruit.

NUT CROPS

Preparations were already underway in some areas for the upcoming **almond** harvest. Some almond orchards experienced tree and limb fall due to the heavy weight of nut fruits. Trees were taking up excessive amounts of moisture due to the hot weather, increasing the weight of limbs. Otherwise, nut fruits were developing normally.

VEGETABLE CROPS

Growers in the Imperial Valley completed the **melon** harvest. Several fields of fresh market **onions** were disked under because the market price will not cover harvest costs. Processing **tomatoes** were growing as well as could be expected, producers hoped for deliverable water. In southern San Joaquin Valley, harvest of tomatoes, **peppers, carrots**, a few onion fields and Oriental vegetables continued. Irrigation applications increased due to the hotter weather with growers unsure how far the water will stretch. Some fields may go untended. In central San Joaquin Valley, commercial tomato harvest began as well as the **watermelon** harvest on the west side of the valley. Growers continued to transplant bell peppers, commercial tomatoes and melons. **Cucumbers**, peppers, summer **squash**, sweet **corn** and assorted vegetables were harvested. **Garlic** continued to be dried for harvest. In northern San Joaquin Valley planting was completed for fresh market tomato, bell peppers, freezer bean, **cantaloupe**, watermelon, and **honeydew** melons. Current vegetables harvested were **lettuce**, carrots, and canning tomatoes. Yields on canning tomatoes were disappointing; tomatoes had poor color due to extremely high temperatures. In the northern Sacramento Valley, harvest of fresh market onions and summer squash continued with good quality reported. Other crops being harvested were dehydrated onions, carrots, sweet corn and **artichokes**. Tomatoes, beans and zucchini squash acreage reduced due to lack of deliverable water. Heat has increased the presence of insects and army worms; insecticide application were ongoing in many fields.

LIVESTOCK

Rangeland was in mostly poor condition, with fire damage sustained in some areas. Fire danger remained high. Cattle continued to be shipped, sold and placed out of state. Supplemental feeding of hay and other nutrients continued. Milk production declined due to the increase in temperatures. Sheep were grazing on idle farmland, dry land grain fields, and some rangelands in the central part of the state. Honeybees remained active in melon, squash, cucumber, sunflower, safflower, and early vineseed fields. Some hives were in holding areas. Leafcutter bees were prepared for placement in seed alfalfa fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 07/13/08

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION			
	Average Week Ending 07/13/08	Departure from Normal	High	Low	This Season	Normal	This Season		Normal	
					January 1 - 07/13/08	January 1 - 07/13/08	Week Ending 07/13/08	July 1 - 07/13/08	July 1 - 07/13/08	July 1 - June 30
NORTH COAST	-- Degrees Fahrenheit --				-- Number --		-- Inches --			
Eureka	57	-1	74	45	20	0	0.00	34.83	38.49	37.53
Ukiah	81	9	110	57	766	547	0.00	27.83	39.46	37.96
Santa Rosa	71	4	95	54	562	332	0.00	24.30	31.01	30.30
CENTRAL COAST										
San Francisco AP	69	6	88	56	318	109	0.00	15.52	20.37	19.70
San Jose	--	--	--	--	744	540	0.00	11.33	15.20	14.42
Salinas AP	66	3	82	53	259	99	0.00	9.40	12.86	12.44
Monterey FAA	65	5	81	51	212	14	0.00	7.57	14.79	18.72
King City	74	6	100	53	640	392	0.00	9.35	12.26	11.44
Paso Robles AP	79	6	111	55	850	617	0.00	8.31	13.36	13.95
SACRAMENTO VALLEY										
Redding	92	11	113	67	1,460	1,077	0.04	24.16	35.87	33.30
Red Bluff FSS	90	9	113	66	1,468	1,152	0.00	15.05	23.86	22.29
Chico AFS	85	8	110	63	1,250	897	0.00	19.44	26.64	26.32
Marysville	83	4	109	63	1,168	1,113	0.00	15.68	22.50	21.04
Sacramento AP	81	6	108	61	1,025	812	0.00	13.71	18.02	17.52
SAN JOAQUIN VALLEY										
Stockton WSO	83	6	107	62	1,126	965	0.03	10.12	13.98	13.95
Fresno	90	9	112	69	1,568	1,265	0.00	8.40	11.40	10.60
Bakersfield	90	7	110	73	1,640	1,401	0.00	2.38	6.57	5.72
SOUTH COAST										
Santa Maria AP	66	3	77	52	246	89	0.00	11.57	14.21	12.36
Santa Barbara	66	1	76	57	394	200	0.00	15.33	17.38	16.25
Ventura	66	0	76	57	227	0	0.00	14.24	15.35	14.38
Los Angeles	74	0	84	64	1,126	980	0.00	13.53	15.27	14.77
Riverside	--	--	--	--	1,137	937	0.00	6.87	10.75	9.58
San Diego AP	69	-1	77	63	648	649	0.00	7.25	10.80	9.90
SOUTHEAST INTERIOR										
Bishop	80	4	106	56	806	708	0.05	7.50	5.15	5.37
Lancaster	88	8	112	62	1,390	1,030	0.00	7.99	7.91	6.92
Daggett AP	91	2	113	72	2,031	1,857	0.07	3.07	4.41	3.93
Thermal AP	92	2	111	75	2,690	2,407	0.04	3.70	3.69	3.16
Blythe	94	0	113	78	2,762	2,652	0.00	2.14	4.21	3.60
Imperial	93	2	112	77	2,506	2,470	0.01	2.39	3.06	2.75
CASCADE - SIERRA										
Alturas	72	8	96	44	322	82	0.00	12.29	12.50	12.01
Mt. Shasta	73	7	95	50	412	145	0.00	29.92	40.37	37.02
Blue Canyon	79	12	93	67	565	170	0.00	37.49	66.35	67.04
Yosemite	--	--	--	--	651	377	0.00	15.97	38.80	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.