



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER



On Monday, a shortwave ridge allowed for clear skies across the region, with daytime highs in the low 80s across the interior portions of the State. On Wednesday, a weak low pressure system started to form off the central coast. Nevertheless, this was the warmest day of the week, putting maximum temperatures above normal in most places of the Central Valley. On Thursday, the marine layer associated to the weak low pressure made its way through the Carquinez Strait, bringing some cool air to the Central Valley and the southern coast. This phenomenon pushed the warmer air to higher elevations allowing Ukiah (in the northern mountains) and Riverside (in the southern mountains) to reach maximum temperatures in the low 90s. On Friday, an upper level trough accompanied with a colder air mass merged with the upper low and moved inland. This brought below normal temperatures over the northern mountain and the Sierra Nevada regions. By Saturday, a line of showers and isolated thunderstorms moved into the west slope of the Sierra and the north coast. The northern and Central Valley also registered precipitation amounts. On Sunday, mid level clouds lowered the daytime highs to the low 60s in the northern mountains, mid 70s in the valley and 50s and 70s in the southern coasts and mountains.

FIELD CROPS

Rice and **Sudan** harvests were ongoing. Rice straw baling was underway in Merced County. The seventh cutting of **alfalfa** was almost complete. New alfalfa planting continued and herbicide applications were underway. **Cotton** bolls were still opening and defoliation was taking place across the State. Planting was underway for **barley**, **oats**, **wheat** and **winter forage**. **Corn** silage and grain harvest continued. Grain corn stalks continued to be baled and used for dry cattle feed in feed lots in Merced County. **Sugar beets** remain in various stages of development. **Black-eyed bean** harvest was complete in Tulare County, while black-eyed bean fields continued to mature in Fresno County.

FRUIT CROPS

Late variety **grapes** were still being harvested throughout California with Autumn Royal, Crimson Seedless, Christmas Rose, Kyoho, Red Globe, Summer Royal and Thompson Seedless table varieties being picked. Alicante Bouschet, Grenache, Merlot, Muscat and Zinfandel wine grapes were also being harvested. Raisin grape harvest was nearly complete in Fresno County. Some raisins suffered the effects of rain damage. Damage had not yet been fully assessed. The harvests of **pomegranates** and late variety **peaches**, **plums**, and **pluots** remained underway. **Pears**, **apples**, **jubes** and **figs** were also still being harvested. **Quince** harvest was nearing the end in Tulare County. Fall strawberries were being picked and sold at roadside stands while other growers were transplanting for a later harvest. About 20 percent of the Valencia **orange** crop remained to be picked in Tulare County. Packers were testing citrus to determine the start of the Navel harvest. **Olive** harvest was well underway. Possible damage to olives from recent rains had not been fully assessed.

NUT CROPS

Almond harvest has ended in some parts of the State. Elsewhere rains slowed the harvests of almonds, **pistachios** and **walnuts**.

VEGETABLE CROPS

Growers continued to treat **melons**, processing **tomatoes** and fresh market tomatoes for insects, mildew and weeds. Ground preparations continued for spring **carrot** and **lettuce** planting. Fall **spinach** and **broccoli** crops continued to progress normally. Harvests continued for fall **asparagus**, broccoli, pickling **cucumbers**, leaf lettuce, freezer lima **beans**, **parsley**, **peppers**, **pumpkins**, **radishes**, spinach, **squash**, **sweet corn**, and tomatoes. **Garlic** and **onion** harvests were winding down. In a few areas in Tulare County rains slowed tomato harvest and rain damage was being assessed. **Cantaloupe**, **honeydew**, and **watermelon** harvests were nearing completion. Harvests continued at a steady pace for **amaranth**, **basil**, bittersweet melons, **bok choy**, **cassava**, **cilantro**, **choy sum**, **collard greens**, **eggplant**, **kale**, **okra** and **mustard greens**

LIVESTOCK

The week's rain brought little relief to pastures and rangelands. Supplemental feeding of livestock remained necessary and was expected to continue until fall rains bring new forage growth. Though the continued drought was having a negative impact on cattle and sheep, fall calving was progressing well with the cooler weather. Dairies were also doing well with the cooler temperatures. Sheep were feeding in harvested cantaloupe, tomato and grain fields. Bees were pollinating cucumber, bean and squash fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 09/30/07

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION			
	Average Week Ending 09/30/07	Departure from Normal	High	Low	This Season	Normal	This Season		Normal	
					January 1 - 09/30/07	January 1 - 09/30/07	Week Ending 09/30/07	July 1 - 09/30/07	July 1 - 09/30/07	July 1 - June 30
NORTH COAST	-- Degrees Fahrenheit --				-- Number --		-- Inches --			
Eureka	51	-6	65	39	78	0	0.54	1.77	1.42	37.53
Ukiah	63	-4	91	39	1,486	1,388	0.00	0.15	0.92	37.96
Santa Rosa	63	-3	91	42	851	844	0.00	0.22	0.70	30.30
CENTRAL COAST										
San Francisco AP	64	0	84	49	526	397	0.00	0.16	0.34	19.70
San Jose	--	--	75	49	1,150	1,227	0.00	0.27	0.36	14.42
Salinas AP	64	0	90	45	442	380	0.00	0.48	0.30	12.44
Monterey FAA	63	2	88	48	317	126	0.00	0.29	0.70	18.72
King City	65	-2	93	40	1,189	963	0.00	0.15	0.24	11.44
Paso Robles AP	64	-3	92	40	1,684	1,474	0.00	0.18	0.34	13.95
SACRAMENTO VALLEY										
Redding	63	-8	91	40	2,608	2,356	0.02	1.38	1.23	33.30
Red Bluff FSS	65	-7	91	41	2,573	2,448	0.08	1.22	0.99	22.29
Chico AFS	64	-5	91	38	2,354	1,938	0.26	0.93	0.84	26.32
Marysville	64	-7	89	41	2,374	2,272	0.11	0.24	0.56	21.04
Sacramento AP	65	-4	89	42	1,872	1,797	0.02	0.08	0.47	17.52
SAN JOAQUIN VALLEY										
Stockton WSO	67	-3	92	45	2,372	2,067	0.00	0.42	0.40	13.95
Fresno	69	-3	91	51	2,961	2,614	0.00	0.06	0.30	10.60
Bakersfield	70	-4	91	53	3,110	2,885	0.00	0.26	0.27	5.72
SOUTH COAST										
Santa Maria AP	66	3	86	48	554	374	0.00	0.05	0.37	12.36
Santa Barbara	61	-4	78	46	550	666	0.01	0.26	0.63	16.25
Ventura	62	62	77	50	407	0	0.00	0.23	0.43	14.38
Los Angeles	70	-3	85	57	2,022	2,049	0.00	0.52	0.43	14.77
Riverside	71	-1	99	50	2,705	2,127	0.00	0.00	0.45	9.58
San Diego AP	67	-4	75	59	1,342	1,507	0.00	0.05	0.33	9.90
SOUTHEAST INTERIOR										
Bishop	59	-5	83	32	2,000	1,546	0.00	0.87	0.56	5.37
Lancaster	63	-6	88	40	2,912	2,254	0.00	0.22	0.50	6.92
Daggett AP	69	-8	92	47	4,152	3,644	0.00	0.16	1.14	3.93
Thermal AP	76	-5	98	53	4,630	4,393	0.00	0.20	0.96	3.16
Blythe	77	-6	95	59	5,204	4,854	0.00	0.12	1.43	3.60
Imperial	78	-5	98	59	5,072	4,573	0.00	0.50	0.81	2.75
CASCADE - SIERRA										
Alturas	47	-6	77	25	543	296	0.15	1.06	1.28	12.01
Mt. Shasta	52	-5	80	31	749	446	0.27	0.54	1.81	37.02
Blue Canyon	54	-5	69	33	1,052	574	0.47	1.77	2.67	67.04
Yosemite	--	--	79	42	1,337	1,083	0.00	2.61	1.74	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.