



California Crop Weather

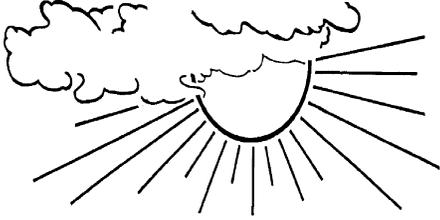
Cooperating with the California Department of Food and Agriculture

California Field Office • P.O. Box 1258 • Sacramento, CA 95812 • (916) 498-5161 • (916) 498-5186 FAX • www.nass.usda.gov/ca

WEEK ENDING: July 18, 2010
RELEASED: July 19, 2010

FREQUENCY: Weekly
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WEATHER



The early part of this week featured normal temperatures. Highs were in the lower to mid 90s in the central valley and 80s in the mountains. Marine influence was present along the immediate coast as coastal temperatures remained in the mid to upper 60's. Wednesday and Thursday marked the entrance of a high pressure ridge out of the desert southwest. Temperatures responded to this ridge by warming to above normal levels Thursday. Highs were 100 to 107 for the central valley, hitting 107 in Redding on Friday. The

high temperature in the State for the period was 125 on Sunday in Death Valley. The only significant weather feature was a thunderstorm that affected the San Diego region on Friday.

FIELD CROPS

Rice fields continued to progress and were treated with herbicides. **Alfalfa** continued to be cut and baled for hay. **Safflower** fields were blooming and forming seed heads in the San Joaquin Valley. Lygus treatments continued in **cotton** fields. **Corn** silage was harvested in Southern California. Forages and other small grains were harvested for hay and silage. **Wheat, oat, rye, and barley** harvests continued. Garbanzo **bean** fields were drying down. Harvested small grain fields were disked. Field operations continued which included irrigating; spraying fertilizer, herbicides, and insecticides; planting; and cultivating.

FRUIT CROPS

The **blueberry, blackberry, and strawberry** harvests continued to near completion in the San Joaquin Valley. The **apricot** harvest slowed, while **peaches** and **nectarines** were picked normally. The navel **orange** harvest was completed as the Valencia **orange** harvest continued in the Central Valley and along the southern coast. **Lemons** were picked along the coastal region. The **fig** harvest was ongoing at a normal pace. Pruning was started in **Cherry** orchards. As the **grape** harvest began in the San Joaquin Valley, leaves and bunches were thinned in vineyards to increase light exposure for color and maturity. Cool temperatures slowed development of grapes in Napa County vineyards. Maintenance to orchards, groves, and vineyards continued with pruning, and the spraying of fungicides, fertilizers, insecticides, and herbicides as necessary. Irrigation frequency continued to increase as the temperatures began to rise across the State.

NUT CROPS

Early hull split sprays continued in **almond** orchards to control navel orange worm (NOM) as irrigation was ongoing. Mite levels increased mildly in orchards, causing some growers to plan additional miticide sprays. Herbicide applications along with codling moth sprays were made in **walnut** orchards. Weed control was ongoing in nut orchards in the Central Valley.

VEGETABLE CROPS

The harvest of summer vegetables was ongoing throughout the State. In Tulare County, the harvest included **peppers, squash, eggplant, cucumbers, tomatoes, melons** and **sweet corn**. Fields of bell pepper, **cantaloupe, honeydew** and tomatoes continued to be planted in Merced County. Harvests continued for squash, tomato and **parsley**. In Kern County, **carrots, onions, garlic** and **potatoes** were being harvested. The tomato crop is still about a week behind in growth in San Joaquin and Fresno Counties. In Fresno County, the onion harvest continued with good quality and yield reported. Garlic was readied for harvest. Some fields of bell peppers and fresh market tomatoes were being harvested, while others continued to bloom and show color. Irrigation and sulfur were applied to processing tomato fields and white powder was dusted onto the crop to prevent sunburn. Carrots were progressing well. Leafy vegetables such as collards and mustard **greens, turnips** and **lettuce** were being harvested. Eggplant, **daikon, green onions, herbs, lemon grass, spinach, squash, sweet corn** and **tomatillos** were being harvested. Growers continued to transplant and seed crops of cucumber, eggplant and squash. Cantaloupes were being prepared for peak harvest. In Sutter County, field work and ground preparation continued.

LIVESTOCK

Range conditions throughout the Central Valley deteriorated as grasses continued to mature and dry out. Supplemental feeding of hay and nutrients continued to be more of a necessity. Cattle showed good weight gains though, due to better rangeland conditions than last year at this time. Corresponding with rising temperatures, artificial cooling of dairy cattle increased. Rangeland in Northern California was in good condition. Bees were moved to vineseed, melon and squash fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 7/18/10

STATIONS ¹	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION					
	Average Week Ending 7/18/10	Departure from Normal	High	Low	This Season	Normal	Rain Days ²	This Season		Normal		
					January 1 - 7/18/10	January 1 - 7/18	July 1 - 7/18/10	Week Ending 7/18/10	July 1 - 7/18/10	July 1 - 7/18	July 1 - June 30	
	-- Degrees Fahrenheit --				-- Number --		-- Days --		-- Inches --			
North Coast												
Eureka WFO	56	-2	63	49	5	18	0	0.00	0.00	0.12	38.10	
Ukiah	76	4	104	54	515	559	0	0.00	0.00	0.05	38.90	
Santa Rosa AG	66	-3	86	52	293	455	0	0.00	0.00	0.06	31.01	
Napa AP	69	1	94	54	411	497	0	0.00	0.00	0.00	26.46	
Central Coast												
San Francisco A	65	3	76	54	182	195	0	0.00	0.00	0.03	20.11	
San Jose AP	71	1	89	57	482	696	0	0.00	0.00	0.00	15.08	
Salinas AP	64	2	78	50	132	209	0	0.00	0.00	0.04	12.91	
Monterey AP	62	2	72	52	49	72	0	0.00	0.00	0.09	20.35	
King City Ag	69	0	93	50	396	538	0	0.00	0.00	0.01	12.30	
Paso Robles AP	79	6	108	54	633	679	1	0.00	0.02	0.01	13.08	
Sacramento Valley												
Redding	86	5	107	66	1,017	1,106	0	0.00	0.00	0.05	33.52	
Red Bluff	85	4	108	63	1,018	1,217	0	0.00	0.00	0.10	24.07	
Willows 6W	81	5	102	61	908	938	0	0.00	0.00	0.06	19.03	
Oroville	83	5	105	60	973	1,016	1	0.00	0.01	0.07	28.75	
Marysville	80	2	104	57	867	1,202	0	0.00	0.00	0.07	22.07	
Sacramento AP	78	3	102	57	769	894	0	0.00	0.00	0.05	17.93	
San Joaquin Valley												
Stockton	79	2	102	58	789	1,037	0	0.00	0.00	0.05	13.84	
Modesto AP	82	5	103	59	1,009	1,140	0	0.00	0.00	0.05	13.12	
Merced Macready	82	3	103	60	892	1,093	0	0.00	0.00	0.03	12.50	
Madera AP	83	4	104	60	956	1,170	0	0.00	0.00	0.01	11.94	
Fresno AP	87	6	107	67	1,192	1,278	0	0.00	0.00	0.01	11.23	
Lemoore NAS	85	7	105	63	978	1,160	0	0.00	0.00	0.00	7.89	
Visalia AP	84	5	102	64	1,077	1,173	0	0.00	0.00	0.01	11.03	
Bakersfield	87	4	104	69	1,236	1,448	0	0.00	0.00	0.00	6.49	
Cascade Sierra												
Alturas AP	70	4	97	41	195	163	2	0.00	0.02	0.18	12.13	
Mount Shasta AP	72	7	95	47	271	185	1	0.00	0.08	0.26	39.16	
Blue Canyon	75	8	85	64	304	219	0	0.00	0.00	0.24	66.36	
Yosemite Valley	81	9	102	59	547	450	1	0.00	0.01	0.36	37.73	
South Coast												
Santa Maria AP	63	-2	78	50	63	202	1	0.00	0.03	0.03	14.01	
Santa Barbara A	68	2	84	54	184	454	1	0.00	0.01	0.00	16.93	
Oxnard NWS	68	3	79	56	359	416	2	0.00	0.03	0.02	15.62	
Riverside AP	85	7	104	62	1,077	1,177	0	0.00	0.00	0.00	10.22	
Los Angeles AP	69	0	79	60	423	718	0	0.00	0.00	0.00	13.15	
San Diego AP	70	-1	81	63	418	875	1	0.01	0.01	0.03	10.77	
Southeast Interior												
Bishop AP	83	7	107	59	739	812	1	0.07	0.07	0.17	5.02	
Daggett AP	94	6	112	75	1,764	1,822	1	0.02	0.02	0.21	4.17	
Lancaster ATC	89	9	107	71	1,075	1,122	0	0.00	0.00	0.00	7.40	
Thermal	95	5	111	74	2,135	2,573	0	0.00	0.00	0.06	3.53	
Blythe AP	100	6	115	85	2,400	2,628	0	0.00	0.00	0.14	4.02	
Imperial CA	98	7	114	81	2,272	2,458	1	0.00	0.02	0.00	2.96	

Summary based on NWS data.

DFN = Departure From Normal.

Precipitation (rain or melted snow/ice) in inches.

Air Temperatures in Degrees Fahrenheit.

Normals period 1970-2000 Used in DFN calculations

For more weather information visit www.awis.com

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¹ Weather stations added as of July 6, 2010

² New addition as of July 6, 2010. Total number of days with precipitation events this season.