



California Crop Weather

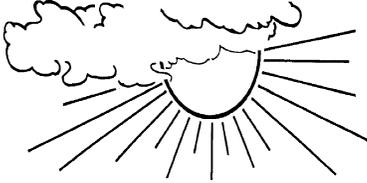
Cooperating with the California Department of Food and Agriculture

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WEEK ENDING: July 11, 2010
RELEASED: July 12, 2010

FREQUENCY: Weekly
VOL. 31 NO. 3

WEATHER



This week featured lower than normal temperatures across Southern California due to a thick marine layer penetrating into inland areas. The marine stratus also brought thick, low clouds to the coastal valleys including the Salinas, preventing temperatures from reaching much above 70 degrees. Trace to a few hundredths of an inch of precipitation was measured along the coast in the Oxnard/Ventura areas. Beginning Tuesday, thunderstorms developed along the Sierra Nevada range from Yosemite north to the Lake Shasta area. Brief, locally heavy precipitation was noted. Mid-week, strong winds gusting to 40 mph were noted through the Sacramento and San Joaquin Delta regions, keeping temperatures in the area cooler than normal. The later part of the period brought with a weakened marine influence as high pressure begun to build across the Golden State allowing temperatures to recover to near normal levels.

FIELD CROPS

Rice fields continued to progress and were treated with herbicides. **Alfalfa** continued to be cut and baled for hay, with many areas in the Central Valley working on their fourth cutting. **Safflower** fields were blooming and forming seed heads in the San Joaquin Valley. **Cotton** fields continued to be irrigated, cultivated, and treated for weeds and insects. **Corn** and **sorghum** growth continued; new fields continued to be planted. Forages and other small grains were harvested for hay and silage. **Wheat, oat, rye, and barley** continued to be harvested for grain. Garbanzo **bean** fields were drying down.

FRUIT CROPS

Blueberry, blackberry, and strawberry harvests continued to near completion in the San Joaquin Valley. **Apricot** harvest was slowing down while picking of **peaches** and **nectarines** continued 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. 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 fertilizers and pest control. Irrigation frequency increased as the temperatures began to rise across the State.

NUT CROPS

Early hull split sprays began in **almond** orchards to control navel orange worm (NOM) as irrigation was ongoing. Some hull split was observed in San Joaquin almond orchards, though widespread hull split is not expected for approximately two weeks. Mite levels increased slightly 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 were progressing for squash, tomato, **parsley** and **watermelon**. In Kern County, the melon and tomato harvests were behind schedule due to cooler than normal spring weather. Sweet corn, melons and tomatoes that were planted late in Stanislaus County were developing nicely, and early cantaloupe will start to be picked towards the end of July. **Onions** continued to be harvested and packed in San Joaquin County and were being treated for thrips in Siskiyou County. In Fresno County, the onion harvest began with good sizing in the white, yellow and red varieties. **Garlic** was drying down in preparation 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. **Asparagus** and **sweet pea** harvests were completed. **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**.

LIVESTOCK

Range conditions continued to be good to excellent. Lower elevations saw some drying as the last significant precipitation in the foothills was in early June. Supplemental feeding of hay and nutrients continued in some locations and began in the drier regions. Cattle continued to show good weight gains. Warmer temperatures have accelerated the maturation of rangeland. Milk production was tempered by increased temperatures, with some reports of cooling fan use in the San Joaquin Valley. Bees were moved from citrus to melon, squash and seed alfalfa fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 7/11/10

STATIONS ¹	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		PRECIPITATION					
	Average Week Ending 7/11/10	Departure from Normal	High	Low	This Season	Normal	Rain Days ²	This Season		Normal		
					January 1 - 7/11/10	January 1 - 7/11	July 1 - 7/11/10	Week Ending 7/11/10	July 1 - 7/11/10	July 1 - 7/11	July 1 - June 30	
	-- Degrees Fahrenheit --				-- Number --		-- Days --		-- Inches --			
North Coast												
Eureka_WFO	55	-3	62	47	5	11	0	0.00	0.00	0.11	38.10	
Ukiah	74	2	98	52	399	468	0	0.00	0.00	0.05	38.90	
Santa_Rosa_AG	61	-7	76	51	251	400	0	0.00	0.00	0.00	31.01	
Napa_AP	65	-4	80	52	346	437	0	0.00	0.00	0.00	26.46	
Central Coast												
San_Francisco_A	63	1	73	55	146	174	0	0.00	0.00	0.03	20.11	
San_Jose_AP	67	-4	81	56	401	619	0	0.00	0.00	0.00	15.08	
Salinas_AP	60	-4	69	53	103	188	0	0.00	0.00	0.04	12.91	
Monterey_AP	60	-1	69	53	36	63	0	0.00	0.00	0.09	20.35	
King_City_Ag	66	-3	81	52	326	475	0	0.00	0.00	0.01	12.30	
Paso_Robles_AP	70	-4	100	49	498	581	1	0.02	0.02	0.00	13.08	
Sacramento Valley												
Redding	85	5	105	66	832	953	0	0.00	0.00	0.05	33.52	
Red_Bluff	83	3	105	63	837	1,063	0	0.00	0.00	0.10	24.07	
Willows_6W	78	3	97	59	756	819	0	0.00	0.00	0.06	19.03	
Oroville	79	2	102	60	812	888	1	0.01	0.01	0.07	28.75	
Marysville	78	-2	104	56	723	1,069	0	0.00	0.00	0.07	22.07	
Sacramento_AP	74	-2	99	54	643	786	0	0.00	0.00	0.05	17.93	
San Joaquin Valley												
Stockton	74	-3	99	54	654	916	0	0.00	0.00	0.00	13.84	
Modesto_AP	77	0	101	56	851	1,014	0	0.00	0.00	0.00	13.12	
Merced_Macready	78	-1	101	57	737	960	0	0.00	0.00	0.00	12.50	
Madera_AP	79	-1	101	57	794	1,030	0	0.00	0.00	0.01	11.94	
Fresno_AP	83	2	103	63	1,000	1,126	0	0.00	0.00	0.01	11.23	
Lemoore_NAS	80	3	103	58	802	1,027	0	0.00	0.00	0.00	7.89	
Visalia_AP	80	2	99	61	907	1,037	0	0.00	0.00	0.01	11.03	
Bakersfield	84	2	99	67	1,046	1,286	0	0.00	0.00	0.00	6.49	
Cascade Sierra												
Alturas_AP	69	4	94	43	122	118	2	0.02	0.02	0.11	12.13	
Mount_Shasta_AP	71	6	95	49	183	140	1	0.08	0.08	0.19	39.16	
Blue_Canyon	72	5	81	62	200	163	0	0.00	0.00	0.17	66.36	
Yosemite_Valley	76	5	97	56	399	360	1	0.01	0.01	0.22	37.73	
South Coast												
Santa_Maria_AP	60	-4	71	50	44	174	1	0.03	0.03	0.00	14.01	
Santa_Barbara_A	62	-6	68	54	124	405	1	0.01	0.01	0.00	16.93	
Oxnard_NWS	63	-3	70	58	303	374	2	0.03	0.03	0.02	15.62	
Riverside_AP	70	-9	89	57	899	1,045	0	0.00	0.00	0.00	10.22	
Los_Angeles_AP	64	-6	70	58	355	654	0	0.00	0.00	0.00	13.15	
San_Diego_AP	63	-7	69	59	346	798	0	0.00	0.00	0.03	10.77	
Southeast Interior												
Bishop_AP	77	1	100	50	575	693	0	0.00	0.00	0.11	5.02	
Daggett_AP	89	2	109	69	1,523	1,626	0	0.00	0.00	0.11	4.17	
Lancaster_ATC	81	1	103	56	872	975	0	0.00	0.00	0.00	7.40	
Thermal	89	-2	110	70	1,885	2,356	0	0.00	0.00	0.00	3.53	
Blythe_AP	94	2	114	72	2,121	2,390	0	0.00	0.00	0.07	4.02	
Imperial_CA	92	2	111	70	2,006	2,236	1	0.02	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.