



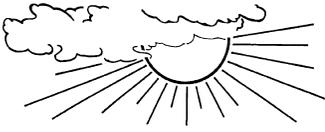
California Crop Weather

Cooperating with the California Department of Food and Agriculture
Pacific Region • P.O. Box 1258 • Sacramento, CA 95812 • (916) 498-5161 • (855) 270-2722 FAX • www.nass.usda.gov/ca

WEEK ENDING: July 20, 2014
RELEASED: July 21, 2014

FREQUENCY: Weekly
VOL. 35 NO. 3

WEATHER



An unusual weather pattern for summer developed across the State last week. High pressure aloft over the State gradually weakened and the center of the high pressure shifted to the Four-Corners region. At the same time, monsoonal moisture streaming northward from Mexico began to make its way into the State. This shift in the weather

pattern resulted in increasing cloud cover across the southeastern regions of the State, eventually moving up the Sierra Nevada Crest. Scattered showers and thunderstorms began to develop in the deserts and over the mountains. A weather disturbance then brushed the State increasing onshore flow and spreading scattered showers and thunderstorms across the northern portion of the State and reaching the Coastal Mountains. Significant rainfall was confined to mountain areas, with over an inch and a half falling near Yosemite. Light amounts did manage to reach the Central Valley by the weekend, with Sacramento receiving measurable rain on Sunday, which is very rare for July. Temperatures during the week were above normal at the start, but increased cloud cover and on shower flow brought cooler temperatures by the weekend across much of the State.

FIELD CROPS

In Sutter County, **cotton**, **corn** and **dried beans** were irrigated and cultivated for weeds. **Silage corn** and **Sudan grass** continued to mature. Baling of **wheat straw** continued. Sudan grass was showing significant growth. **Alfalfa** fields were treated for army worms. In San Joaquin County, corn was chopped for silage. Cotton continued to look good where growers have water. The crop progressed quickly by most accounts and the pest pressure remained relatively light.

FRUIT CROPS

Grape bloom finished and bunches developed. Grape growers continued to train vines and irrigate, fertilize, and apply sulfur to vineyards. Wine and raisin type grapes were in veraison. Growers assessed heat damage from the previous week. **Olive** trees were setting fruit. **Pomegranate** trees continue to bloom and develop fruit. **Apple** growers thinned fruit. **Avocado** bloom was ongoing. **Nectarines**, **peaches**, and **plums** were harvested.

NUT CROPS

Kernel fill in **almonds** was nearly complete across the State; shaking began with some shaking machines running in Kern County and the San Joaquin Valley. Some blocks in the San Joaquin Valley were treated for spider mites. Almond harvest is expected to start on a larger scale in a week. Nut fill continued to progress in **pistachios**, with flat mite development occurring in some blocks. **Walnut** growers sprayed for husk fly and codling moth and sprayed trees with whitewash to protect from sunburn.

VEGETABLE CROPS

Tomato harvest was underway in many counties including Sutter, San Joaquin, Fresno and Kern. In San Joaquin County, **onions**, **sweet corn** and **watermelons** were harvested. In San Mateo County, growers harvested **snow peas** and **artichokes**. In Fresno County, onions were harvested and red **bell pepper**, **garlic** and **carrot** harvests were slated to begin in the next couple of weeks. In Tulare County, **sweet corn**, **yellow squash**, **zucchini**, **cucumber**, **eggplant** and bell pepper harvests continued with produce sold at roadside stands and Farmer's Markets.

LIVESTOCK

Range and non-irrigated pasture were in poor to very poor condition. Cattle and sheep grazed on idle fields, dry land grain and alfalfa fields. Supplemental feeding of livestock was ongoing. Cattle continue to be moved out of state. Bees were active in sunflower and seed alfalfa fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 7/20/14

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 7/20/14	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 7/20/14	January 1 - 7/20/14	July 1 - 7/20/14	Week Ending 7/20/14	July 1 - 7/20/14	July 1 - 7/20/14	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1--	-- Inches of Precipitation --			
North Coast											
Eureka WFO	59	+2	67	52	25	20	1	0.02	0.02	0.12	38.10
Ukiah	76	+3	107	58	957	586	0	0.00	0.00	0.05	38.90
Santa Rosa AG	67	0	94	53	554	471	0	0.00	0.00	0.06	31.01
Napa State Hosp	70	+2	85	56	771	515	0	0.00	0.00	0.00	26.46
Central Coast											
San Francisco A	68	+6	81	58	472	201	0	0.00	0.00	0.03	20.11
San Jose AP	71	0	86	60	719	718	0	0.00	0.00	0.02	15.08
Salinas AP	66	+4	74	57	304	217	1	0.01	0.01	0.04	12.91
Monterey AP	66	+6	78	56	240	76	1	0.01	0.01	0.09	20.35
King City Ag	70	+2	88	53	712	556	0	0.00	0.00	0.01	12.30
Paso Robles AP	73	-2	93	58	1,016	707	0	0.00	0.00	0.01	13.08
Sacramento Valley											
Redding	84	+3	111	67	1,521	1,150	2	0.05	0.06	0.05	33.52
Red Bluff	84	+3	111	66	1,626	1,261	1	0.00	0.01	0.10	24.07
Willow s 6W	81	+4	104	62	1,402	972	0	0.00	0.00	0.06	19.03
Oroville AP	82	+4	108	63	1,510	1,054	0	0.00	0.00	0.07	28.75
Marysville	80	0	108	60	1,340	1,240	0	0.00	0.00	0.07	22.07
Sacramento AP	76	+1	104	59	1,174	926	0	0.00	0.00	0.05	17.93
San Joaquin Valley											
Stockton	78	0	105	60	1,219	1,073	0	0.00	0.00	0.05	13.84
Modesto AP	79	+1	96	62	1,391	1,176	0	0.00	0.00	0.05	13.12
Merced Macready	82	+3	101	64	1,492	1,131	0	0.00	0.00	0.03	12.50
Madera AP	82	+2	99	62	1,440	1,210	0	0.00	0.00	0.01	11.94
Fresno AP	85	+5	102	68	1,977	1,322	1	0.01	0.01	0.01	11.23
Lemoore NAS	83	+5	103	63	1,645	1,198	0	0.00	0.00	0.00	7.89
Visalia AP	82	+3	100	63	1,504	1,213	0	0.00	0.00	0.01	11.03
Bakersfield AP	85	+2	103	69	2,014	1,496	0	0.00	0.00	0.00	6.49
Cascade Sierra											
Alturas AP	77	+11	101	51	409	177	2	0.00	0.36	0.20	12.13
Mount Shasta AP	77	+11	98	55	552	199	3	0.18	0.24	0.28	39.16
Blue Canyon	73	+6	88	62	532	235	0	0.00	0.00	0.26	66.36
Yosemite Valley	80	+7	104	58	999	476	3	0.17	0.21	0.40	37.73
South Coast											
Santa Maria AP	70	+7	81	59	602	210	0	0.00	0.00	0.03	14.01
Santa Barbara A	70	+3	77	59	579	468	1	0.01	0.01	0.02	16.93
Oxnard NWS	69	+4	77	59	756	428	0	0.00	0.00	0.02	15.62
Riverside AP	76	-4	91	61	1,673	1,215	0	0.00	0.00	0.00	10.22
Los Angeles AP	71	+3	76	66	1,065	738	0	0.00	0.00	0.00	13.15
San Diego AP	72	+2	78	68	1,264	897	0	0.00	0.00	0.03	10.77
Southeast Interior											
Bishop AP	81	+5	105	57	1,102	847	0	0.00	0.00	0.17	5.02
Daggett AP	89	0	106	69	2,346	1,879	0	0.00	0.00	0.25	4.17
Lancaster ATC	80	-2	96	61	1,432	1,164	0	0.00	0.00	0.00	7.40
Thermal	91	0	109	69	2,903	2,637	0	0.00	0.00	0.08	3.53
Blythe AP	93	-2	109	77	3,135	2,696	0	0.00	0.00	0.16	4.02
Imperial CA	92	+1	107	74	2,991	2,522	0	0.00	0.00	0.00	2.96

1/ Total number of days with precipitation events this season.

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

Air Temperatures are in Degrees Fahrenheit.

Normal periods 1970-2000 used in Departure From Normal calculations.

For more weather information visit www.awis.com or call 1-888-798-9955.

Copyright 2013: Agricultural Weather Information Service, Inc.

All rights reserved.