



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER

The hottest weather of the season so far descended on the State this week, as most of the State outside of the mountains and immediate coast reported triple-digit heat on at least one day. The heat built in response to a highly-amplified ridge over the western two-thirds of the U.S. The triple-digit heat likely had impacts in the agricultural sections of the Central and San Joaquin Valleys. Even coastal locations and the mountains reached the 80s and 90s on multiple days. Lows were typically in the 60s-70s across the valley and coasts, although a few lows in the 50s were seen by the weekend. Lows in the desert hovered in the 60s and 70s, while temperatures dropped into the 30s and 40s in portions of the mountains by the weekend. Long-term dryness continued in the State. Beginning on Tuesday, a Pacific low brought in some light rainfall to most locations. Scattered showers continued on Wednesday across most of the State outside of the desert and south coast. By Sunday, all of the moisture had moved out of the area. No snow fell in the mountains this week, which was typical for this time of year. The combination of dryness and heat has reduced the mountain snowpack to the point of patchy cover in shadowed or low-lying areas and at the highest peaks.

FIELD CROPS

Alfalfa for hay production was cut and baled. Alfalfa for seed production was mowed and cultivated. Alfalfa drying conditions were ideal with the warm, dry weather. Sweet **corn** and **cotton** emerged and showed good growth. Cotton continued to be irrigated and cultivated for weed control. Cotton were rated as 85 percent good to excellent and three quarters of the crop was squaring. **Safflower** bloomed. Summer beans, silage corn, Sudan grass, and silage sorghum were planted. **Wheat** harvest for grain continued and the straw was baled. Winter wheat were rated as 90 percent good to excellent with 60 percent harvested.

FRUIT CROPS

Peaches, nectarines, apricots and **plums** continued to be picked and shipped. Reflective foil was placed on the ground in stone fruit orchards to promote coloring. Harvesting of early canning peaches started. **Cherry** season was over. Spraying for mildew and mites continued in **grape** vineyards. Wine grapes fungicide was applied. Late navel **orange** harvest was winding down, while the Valencia orange harvest continued. Regreening was utilized with the arrival of hot weather. Young citrus trees continued to be planted.

NUT CROPS

Almond, walnut and **pistachio** orchards were irrigated. Herbicides and mowing were used to control weeds in walnut and almond orchards. Hull Split sprays have begun on a limited basis in San Joaquin Valley. Orchards were sprayed for codling moth. Pistachio orchards received spray micronutrients. Almonds and pistachios continued to be shipped to foreign and domestic markets.

VEGETABLE CROPS

In Sutter County, summer vegetables were harvested for farmers markets. **Processing tomato** transplants and **cucurbits** were developing. In San Joaquin County, **onion** harvest started and **asparagus** harvest was over. **Bell peppers** were close to harvest. In Fresno County, early processing tomato fields were ripening and 3 weeks from harvest. Sulfur was applied for mites and mildew. **Carrots** were irrigated and fertilized. **Coriander** seed harvest continued. Mildew control was applied to onions. Early dehydrator onions were 75% laying down. **Lettuce seed** was starting to bolt. In Tulare County, summer vegetables were progressing well, with some crops planted and early crops harvested. **Italian squash** and cucumbers were harvested. **Eggplant** and tomatoes continued to grow and mature.

LIVESTOCK

Rangeland water and feed were poor at lower elevations. Range condition and fire danger continued to be unfavorable in the Sutter Buttes. Rangeland ponds were decreasing in quantity with some ponds becoming completely dry. Irrigation waters were curtailed in some areas and more farmland was fallowed due to the lack of irrigation water. Supplemental feeding continued to be required. Feed costs for cattle producers remained high. Cattle were moved to higher elevation in an effort to locate sufficient forage. Sheep were grazing in fallow fields and along levies. Bees were in sunflower and melon fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 6/14/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION			
	Average Week Ending 6/14/2015	Departure from Normal	High	Low	This Year	Normal Year	This Season	This Week	This Season	Normal Season	Normal Year
					January 1 - 6/14/2015	January 1 - 6/14/2015	July 1 - 6/14/2015	Week Ending 6/14/2015	July 1 - 6/14/2015	July 1 - 6/14/2015	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /1--	-- Inches of Precipitation --			
North Coast											
Eureka WFO	57	+1	67	48	6	0	80	0.00	31.52	37.85	38.10
Ukiah	78	+12	105	52	418	194	56	0.00	26.30	38.84	38.90
Santa Rosa AP	69	+4	99	51	181	216	47	0.01	23.81	30.98	31.01
Napa State Hosp	72	+7	103	53	285	231	49	0.17	21.06	26.45	26.46
Central Coast											
San Francisco A	65	+4	84	53	161	93	38	0.26	15.38	20.11	20.11
San Jose AP	71	+3	91	55	295	350	40	0.10	11.67	15.08	15.08
Salinas AP	66	+5	86	53	252	107	37	0.00	9.61	12.91	12.91
Monterey AP	65	+8	78	53	116	31	53	0.01	14.79	20.29	20.35
King City Ag	71	+5	106	51	307	259	36	0.01	7.91	12.30	12.30
Paso Robles AP	74	+7	105	50	402	269	27	0.18	8.39	13.08	13.08
Sacramento Valley											
Redding	88	+14	109	65	938	455	66	0.04	26.50	33.28	33.52
Red Bluff	86	+11	110	65	836	550	63	0.01	23.88	23.91	24.07
Willow s 6W	83	+12	104	61	667	424	45	0.00	20.28	18.93	19.03
Oroville AP	83	+11	103	62	739	455	48	0.00	18.14	28.65	28.75
Marysville	81	+8	107	59	637	607	43	0.00	15.25	21.98	22.07
Sacramento AP	79	+9	105	56	574	425	37	0.07	14.20	17.87	17.93
San Joaquin Valley											
Stockton	80	+8	104	56	598	502	38	0.07	9.89	13.84	13.84
Modesto AP	83	+10	106	61	764	587	33	0.00	8.27	13.12	13.12
Merced Macready	81	+8	104	61	594	520	34	0.00	7.18	12.50	12.50
Madera AP	82	+9	105	60	721	562	28	0.00	6.02	11.94	11.94
Fresno AP	85	+11	106	66	886	620	27	0.01	6.41	11.14	11.23
Lemoore NAS	83	+9	105	62	777	573	26	0.00	4.59	7.89	7.89
Visalia AP	81	+8	106	63	811	575	19	0.00	6.54	11.03	11.03
Bakersfield AP	85	+9	106	68	1,010	734	20	0.00	5.34	6.49	6.49
Cascade Sierra											
Alturas AP	68	+11	92	41	85	12	87	0.45	10.65	11.79	12.13
Mount Shasta AP	72	+14	95	49	146	25	87	0.03	37.61	38.75	39.16
Blue Canyon	70	+11	83	54	129	28	75	0.66	35.40	66.07	66.36
Yosemite Valley	74	+11	99	54	274	117	54	0.11	14.51	37.39	37.73
South Coast											
Santa Maria AP	66	+7	84	54	279	85	26	0.03	4.57	14.01	14.01
Santa Barbara A	65	+2	72	57	245	251	24	0.30	7.47	16.93	16.93
Oxnard NWS	66	+3	76	57	435	243	30	0.13	6.80	15.62	15.62
Riverside AP	76	+5	105	61	957	619	31	0.00	5.23	10.22	10.22
Los Angeles AP	66	+1	81	59	497	443	29	0.01	5.97	13.15	13.15
San Diego AP	68	+2	82	63	813	558	31	0.01	7.77	10.77	10.77
Southeast Interior											
Bishop AP	76	+6	100	52	352	313	16	0.00	2.11	4.95	5.02
Daggett AP	87	+7	109	68	1,196	946	14	0.03	1.99	4.06	4.17
Lancaster ATC	80	+7	101	54	500	493	21	0.01	4.68	7.40	7.40
Thermal	87	+2	108	59	1,661	1,567	18	0.00	1.29	3.51	3.53
Blythe AP	89	+3	110	69	1,799	1,541	24	0.04	3.03	4.01	4.02
Imperial CA	87	+3	108	67	1,716	1,458	21	0.08	3.40	2.96	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.

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