



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

Another hot and dry week as this midsummer heat wave continued across most of the State. Measurable rainfall was limited to the area immediately surrounding Yosemite National Park on Thursday, where very light showers fell. A few light showers were also reported in the mountains surrounding the Los Angeles basin on Sunday. Summer temperatures led to continued snowmelt in the mountains, which continues to be the sole source of groundwater recharge across the agricultural areas of the state. A band of broken snow cover approximately 30 miles wide in the central/southern Sierras still exists at elevations above 9,500 feet. A few patchy snow fields continue to exist in elevated sheltered areas around Tahoe. The peak of Mt. Whitney is no longer completely snow-capped. Maximum snow depth is estimated at about 2 feet in places, with 2 to 4 feet on Mt. Shasta. The most extensive snowfields are currently located in the mountains in the vicinity of Yosemite National Park. and Stanislaus National Forest.

Temperature highs were in the 60s to 80s along the coast, 70s to 90s in the mountains, 90s to 100s in the valley, and 100s to 120s in the desert. Temperature lows were in the 40s to 60s in the mountains, 50s to 70s on the coasts, 60s to 70s in the valley, and 60s to 90s in the desert.

FIELD CROPS

In Fresno County, the **wheat** harvest was almost complete. **Alfalfa** fields were growing well and the cycle of cutting, windrowing, and baling was under way. Alfalfa for seed production was also growing well while being pollinated by honey and leaf-cutter bees. Spraying for lygus and aphids took place in alfalfa. **Cotton** appeared to be growing well, but was hit hard by lygus and aphids. Sweet **corn** and silage corn continued to show good growth in June. **Sorghum** was still being planted and being treated with herbicides and insecticides.

FRUIT CROPS

Peach, nectarine, apricot and **plum** harvest was in full swing. **Cherry** harvest was complete. Apricot harvest was winding down for the year. Fruit orchards and vineyards were irrigated. Pesticides were applied to **pomegranates**. Fungicides and insecticides were applied to **grapes**. Valencia **orange** harvest continued. Regreening in citrus has become more common due to the elevated temperatures. Packers were color sorting to compensate. Ruby Red **grapefruit** were harvested. **Olive** orchards were pruned. Harvesting continued in **blackberry, blueberry, and strawberry** fields.

NUT CROPS

Walnut, almond and **pistachio** orchards were irrigated. Mechanical and chemical weed control continued in nut orchards. New almond orchards were planted. Pistachios were fertilized. Walnuts were sprayed for coddling moth.

VEGETABLE CROPS

Summer vegetable season has started off well. **Basil, cucumbers** English, Armenian, and Pickle, **daikon, eggplant** (Italian and Japanese), **melons, okra, peppers** (bell and jalapeno), **tomatillos, tomatoes, squash,** and **zucchini** have all started to be harvested and are showing up in roadside stands and at farmer's markets. Market **onions** have started to be harvested around Fresno County. Growers continued to plant fields of melons, eggplants, cucumbers and squash. Harvest has begun in early planted tomatoes. Tomato fields continued to be fertilized, pesticides applied, and were cultivated by hand-weeding crews. **Garlic** was maturing nicely. Melons grew well and increased in size rapidly over the last month. **Cantaloupe, honeydew, and watermelon** harvest started towards the end of the month. **Lettuce** for seed production was maturing. Drip tape was pulled in **garlic** fields to begin to dry out.

LIVESTOCK

Hot summer days continued to dry non-irrigated grasses and forbs. Rangeland was reported to be in good to very poor condition depending on elevation, aspect and soil moisture. Fires across the state raged in forest and rangeland, forcing some animal evacuations. Cattle continue to be moved to higher elevation range. Milk production was impacted by the poor nocturnal temperature recovery. Sheep grazed on retired pasture and dormant alfalfa. Bees were active in alfalfa for seed, melon, sunflower and vegetable fields. The availability of wild forage for foothill bees was diminishing.

CALIFORNIA CROP WEATHER – WEEK ENDING 07/09/2017

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 07/09/2017	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1 - 07/09/2017	January 1 - 07/09/2017	July 1 - 07/09/2017	Week Ending 07/09/2017	July 1 - 07/09/2017	July 1 - 07/09/2017	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	57	-1	63	51	0	0	2	0.02	0.06	0.09	38.10
Ukiah	77	5	104	52	149	106	0	0.00	0.00	0.04	38.90
Santa Rosa	71	3	107	49	92	63	0	0.00	0.00	0.00	31.01
Napa State Hospital	72	4	102	53	100	72	0	0.00	0.00	0.00	26.46
Central Coast											
San Francisco	65	2	81	53	42	27	0	0.00	0.00	0.02	20.11
San Jose	73	2	97	56	105	97	0	0.00	0.00	0.00	15.08
Salinas	64	1	81	53	32	27	0	0.00	0.00	0.03	12.91
Monterey	62	2	73	53	15	9	0	0.00	0.00	0.08	20.35
King City Ag	70	1	93	54	69	80	0	0.00	0.00	0.00	12.30
Paso Robles	80	7	110	50	161	116	0	0.00	0.00	0.00	13.08
Sacramento Valley											
Redding	86	5	109	62	236	184	0	0.00	0.00	0.04	33.52
Red Bluff	85	4	111	61	225	186	0	0.00	0.00	0.09	24.07
Willows 6W	83	7	107	60	203	143	0	0.00	0.00	0.05	19.03
Oroville	85	7	107	65	221	158	0	0.00	0.00	0.06	28.75
Marysville	83	5	106	59	198	167	0	0.00	0.00	0.06	22.07
Sacramento	80	5	109	56	172	131	0	0.00	0.00	0.04	17.93
San Joaquin Valley											
Stockton	82	5	108	59	192	149	0	0.00	0.00	0.00	13.84
Modesto	86	9	108	63	219	153	0	0.00	0.00	0.00	13.12
Merced Macready	84	6	107	63	205	160	0	0.00	0.00	0.00	12.50
Madera	84	5	106	62	208	170	0	0.00	0.00	0.00	11.94
Fresno	88	7	107	68	240	184	0	0.00	0.00	0.00	11.23
Lemoore NAS	85	7	106	63	210	162	0	0.00	0.00	0.00	7.89
Visalia	85	6	103	65	216	167	0	0.00	0.00	0.00	11.03
Bakersfield	90	8	107	70	266	199	0	0.00	0.00	0.00	6.49
Cascade Sierra											
Alturas	71	6	98	45	104	49	0	0.00	0.00	0.09	12.13
Mount Shasta	72	7	97	49	112	50	0	0.00	0.00	0.16	39.16
Blue Canyon	75	8	86	63	128	59	0	0.00	0.00	0.14	66.36
Yosemite Valley	79	7	98	58	160	100	0	0.00	0.00	0.18	37.73
South Coast											
Santa Maria	64	1	82	47	37	34	0	0.00	0.00	0.00	14.01
Santa Barbara	67	1	85	53	58	56	1	0.04	0.04	0.00	16.93
Oxnard NWS	71	6	90	58	91	49	0	0.00	0.00	0.02	15.62
Riverside	85	7	109	60	209	157	0	0.00	0.00	0.00	10.22
Los Angeles	73	4	88	62	107	77	0	0.00	0.00	0.00	13.15
San Diego	73	3	79	64	106	89	0	0.00	0.00	0.02	10.77
Southeast Interior											
Bishop	81	5	106	54	190	143	0	0.00	0.00	0.09	5.02
Daggett	94	7	114	67	301	243	0	0.00	0.00	0.09	4.17
Lancaster ATC	89	9	110	59	252	177	0	0.00	0.00	0.00	7.40
Thermal	95	4	121	67	305	275	0	0.00	0.00	0.00	3.53
Blythe	101	8	120	80	356	299	0	0.00	0.00	0.06	4.02
Imperial CA	98	7	121	74	335	274	0	0.00	0.00	0.00	2.96

1/ Precipitation (rain or melted snow/ice).

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

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

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