



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

The state had no precipitation last week. The local wind patterns allowed for cooler temperatures with onshore flow along the immediate coast. Locations that experienced these events enjoyed afternoon highs in the 60s and 70s.

In a setup more typical of fall, high pressure anchored itself over the Great Basin of Nevada and adjacent areas of western Utah, giving California periods of Santa Ana like winds. Although nowhere near as strong, these winds did cause many coastal locations to see highs in the 90s and 100s. The interaction between these winds and the local seabreeze were complex and unpredictable. Some coastal locations experienced highs in the 60s and highs in the 100s on alternate days. Warm temperatures pervaded in the whole state. In the mountains highs fluctuated between 70s-80s, 90s-100s in the valley, and 90s-110s in the desert.

Some places in the desert exceeded 120 degrees on multiple days, while some of the highest elevations in the mountains barely broke out of the 60s. Overnight lows were 30s-50s in the mountains, 50s-60s along the coast, and 50s-60s across the valley, and 50s-80s in the desert. The dry airmass in place led to large diurnal temperature variations, with 40-50 degree differences in highs and lows. The comparatively cool nights brought some relief from the daytime heat. Warm temperatures led to a rapid diminishing of the remaining mountain snowpack, with snowpacks up to 1 foot above 12,000 feet in the southern and central Sierras, and up to 2 feet above 8,500 feet in the northern mountains.

FIELD CROPS

In Tulare County, silage **corn** and **sorghum** continued to be planted, cultivated, and irrigated. The silage corn crop was in various stages, from newly planted fields to already tasseling. **Wheat** harvest for grain was finishing up, and wheat straw was being baled. **Cotton** continued to be irrigated and cultivated. **Alfalfa** was being irrigated, cut, and baled. In Fresno, Alfalfa was on schedule. Corn was emerging and herbicides were applied to corn.

FRUIT CROPS

In Stanislaus County, **peaches**, **nectarines**, **apricots**, and **plums** continued to be picked and shipped to domestic and foreign markets. Stone fruit exports remained strong. **Grape** vines were having some leaves pulled to improve air flow and sun light, and being trellised. Fruit trees and vineyards continued to be irrigated. Late Navel **orange** harvest was almost complete, with most being packed for the domestic market. Valencia orange harvest continued. Re-greening of Valencia oranges becoming more common with the higher temperatures, and packers color sorting. Ruby Red **grapefruit** were being harvested for the domestic market. In Tulare County, cherry orchards were being pruned.

NUT CROPS

In Tulare County, **walnuts** and **almonds** continued to develop in the orchards. In Modesto County, almond hull split sprays began. A few blocks in walnuts were sprayed for codling moths. **Pistachios** were well into kernel fill. Overall, hull split sprays had begun on a wider basis, with more applications anticipated.

VEGETABLE CROPS

In Colusa County, **tomatoes** were progressing well due to sunny and hot weather. In San Joaquin County, **onions** were harvested and cured in the field in sacks. Onions which were not ready for harvest were watered with sprinklers. In Stanislaus County, **watermelon**, **cantaloupe**, and **broccoli** were harvested, while tomatoes were planted. In Monterey County, the weather was dry and windy most of the week. All local commodities were in production and harvest. In San Mateo County, the weather provided ideal growing conditions for fall **squash**. **Brussels sprouts** and **leeks** were growing along the coast. In Fresno County, fresh yellow and red onions were harvested. Personal watermelons were packed and were reported as having good quality. **Bell peppers** for processing were harvested. Fungicide and irrigation were applied to carrots. Black **kale** seed harvest finished with good yields reported. The yields were much lower for organic red and green kale seed. Onion seed was drying. Tomatoes were irrigated. In Tulare County, summer vegetables were harvested and shipped domestically. **Zucchini**, Italian squash, peppers, **eggplant** and **cucumbers** were harvested. Early planted **sweet corn** was harvested and sold at roadside stands. Melons were irrigated and prepped for harvest.

LIVESTOCK

Foothill rangeland vegetation continued to be in fair condition. Range and non-irrigated pasture in the Sacramento and San Joaquin Valleys were reported to be in fair to poor condition. Warm weather increased the drying of rangeland forage. The State's eight currently active wildfires have burned nearly 70,000 acres. Some recently burned areas include rangeland. Fires have endangered livestock and forced some to be moved to safety. Bees worked Cucurbita, alfalfa, and sunflower fields. Sheep grazed on grain field stubble. Cattle continued to move to summer upper elevation range.

CALIFORNIA CROP WEATHER – WEEK ENDING 6/26/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 6/26/2016	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 - 6/26/2016	January 1 - 6/26/2016	July 1 - 6/26/2016	Week Ending 6/26/2016	July 1 - 6/26/2016	July 1 - 6/26/2016	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		--Days 3/ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	58	2	66	49	13	8	130	0.00	46.90	38.07	38.10
Ukiah	72	3	98	48	542	307	99	0.00	37.01	38.90	38.90
Santa Rosa	70	4	96	45	378	302	84	0.00	30.75	31.01	31.01
Napa State Hospital	72	6	93	51	487	325	77	0.00	24.87	26.46	26.46
Central Coast											
San Francisco	64	3	78	54	306	132	64	0.00	18.58	20.11	20.11
San Jose	72	3	90	54	629	471	59	0.00	14.91	15.08	15.08
Salinas	64	2	77	50	236	146	56	0.00	13.78	12.91	12.91
Monterey	60	2	74	48	136	46	67	0.00	21.85	20.35	20.35
King City Ag	71	5	96	49	447	354	54	0.00	10.10	12.30	12.30
Paso Robles	80	10	107	50	623	403	41	0.00	9.26	13.08	13.08
Sacramento Valley											
Redding	80	3	103	59	1083	672	92	0.00	44.53	33.49	33.52
Red Bluff	82	4	102	61	1056	777	82	0.00	27.87	24.04	24.07
Willows 6W	77	3	100	55	820	599	65	0.00	17.60	19.03	19.03
Oroville	80	5	102	60	980	646	82	0.00	21.55	28.75	28.75
Marysville	79	3	103	56	884	814	74	0.00	21.97	22.07	22.07
Sacramento	78	6	102	57	813	585	65	0.00	18.30	17.93	17.93
San Joaquin Valley											
Stockton	78	4	102	55	808	687	66	0.00	19.00	13.84	13.84
Modesto	82	8	104	61	1090	779	50	0.00	15.20	13.12	13.12
Merced Macready	80	5	103	57	871	715	51	0.00	14.66	12.50	12.50
Madera	80	4	102	58	958	769	50	0.00	13.30	11.94	11.94
Fresno	84	6	102	63	1186	845	56	0.00	14.79	11.23	11.23
Lemoore NAS	81	5	103	56	1047	778	39	0.00	6.82	7.89	7.89
Visalia	81	5	101	58	1036	781	49	0.00	9.08	11.03	11.03
Bakersfield	84	5	102	65	1370	980	36	0.00	5.43	6.49	6.49
Cascade Sierra											
Alturas	64	3	91	37	103	47	118	0.00	15.85	12.07	12.13
Mount Shasta	67	6	91	42	224	66	123	0.00	47.29	39.10	39.16
Blue Canyon	69	6	80	56	188	76	102	0.00	72.64	66.33	66.36
Yosemite Valley	77	9	97	55	395	210	80	0.00	38.38	37.67	37.73
South Coast											
Santa Maria	63	2	81	47	293	124	51	0.00	9.10	14.01	14.01
Santa Barbara	66	1	88	53	249	318	35	0.00	11.79	16.93	16.93
Oxnard NWS	69	6	91	56	460	299	29	0.00	8.98	15.62	15.62
Riverside	83	9	114	61	1236	806	43	0.00	9.23	10.22	10.22
Los Angeles	72	5	95	63	582	536	38	0.00	10.84	13.15	13.15
San Diego	71	3	86	64	852	663	47	0.00	10.54	10.77	10.77
Southeast Interior											
Bishop	82	9	105	54	603	475	27	0.00	4.12	5.02	5.02
Daggett	94	10	114	69	1625	1252	32	0.00	2.93	4.14	4.17
Lancaster ATC	88	12	112	63	1000	704	28	0.00	6.83	7.40	7.40
Thermal	94	6	121	71	2278	1931	11	0.00	2.86	3.51	3.53
Blythe	99	9	124	79	2431	1929	18	0.00	1.86	4.01	4.02
Imperial CA	96	9	121	75	2392	1814	14	0.00	1.09	2.96	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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