



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

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WEATHER

Another hot and dry week across the state as we reached the peak of the summer dry season. Precipitation in the state last week was limited to a few scattered showers in the central and southern Sierras on Thursday and Friday. These showers were very light, with nearly all locations receiving under 0.25 inches. A heavier shower around Lake Tahoe dropped just over half an inch on Thursday. Average high temperatures were in the 70s along the north coast, and 90s along the coast the south, 80s-90s in the mountains, 90s-100s in the valley, and 90s-110s in the desert, with several locations exceeding 120. Overnight lows were also fairly warm across most of the state outside of the mountains, the mountains were frequently in the 30s-60s, 50s-60s along the coast, 60s-70s in the valley, and 50s to 90s in the desert depending on elevation. Snowcover was negligible at this time of year; a few patchy areas of snow still existed on the peak of Mt. Shasta.

FIELD CROPS

Irrigation continued in orchards and vineyards. In Tulare County, silage **corn** was being irrigated, with various stages of development, from newly planted fields to those already tasseling and forming ears. **Wheat** harvest for grain was finished, and wheat straw has been baled. **Cotton** continued to be irrigated and cultivated. Early planted fields were squaring and blooming. **Alfalfa** was being irrigated, cut, and baled. **Dry beans** were growing nicely with irrigation and high temperatures. In Fresno County, corn and **sorghum** were progressing well.

FRUIT CROPS

In Stanislaus County, mid-season **peach**, **nectarine**, **plum**, and late **apricot** harvests continued. Table **grapes** were harvested. **Wine grapes** harvest began. Harvest of stone fruit and grapes were about two weeks earlier than typical. Citrus packing houses were wrapping up Valencia and Navel **orange** packing. Regreening continued to be a problem with the high temperatures. Some oranges were hedged. Star Ruby **grapefruit**, **lemons**, and Australian finger **limes** were harvested.

NUT CROPS

In Tulare County **almond** orchards were being prepared for harvest. Shake had begun in some almond orchards in Fresno County. **Walnut** orchards were treated with codling moth and husk fly sprays as well as sun burn spray. Irrigation and fertilization continued in orchards not being prepared for harvest. In Fresno and Solano Counties **pistachio** harvests were expected to be early this year with good yields. New plantings of almond and pistachio orchards were leafing out well in response to the warm weather and irrigation.

VEGETABLE CROPS

The processing **tomato** harvest was underway in many areas of the State. In Stanislaus County, **cantaloupes**, **watermelons**, honeydew **melons**, **broccoli**, and **sweet corn** were harvested. Tomatoes were getting close to harvest. Sweet corn fields were being replanted for the second crop. In Monterey County, vegetable production was at its peak. Vegetable harvest was consistent with no surprises. In San Mateo County, **green peas** and fava **beans** were harvested. Tomatoes were ripening and **squash** was growing strong. In Fresno County, the processing tomato harvest continued with an excellent yield reported for both conventional and organic fields. The fruit was ripening fast with the hot weather. **Bell peppers** continued. **Carrots** and **lettuce** seed were harvested. Anaheim and no-heat **jalapeno peppers** were planted for fall harvest. In Tulare County, summer vegetables were harvested and shipped domestically. **Zucchini**, Italian squash, Bell peppers, tomatoes, sweet corn, **eggplant**, and **cucumbers** were harvested for local stands and Farmer's Markets.

LIVESTOCK

The week's excessively hot temperatures exacerbated already dry rangelands. Fire danger was elevated and small grass fires were reported across the state in addition to the large conflagrations near Monterey and Santa Clarita. Non-irrigated pasture and range in the lower elevations were in fair to very poor condition. Foothill forage was in fair condition, but continued to dry. Bees worked melon, cucumber, and sunflower fields. Sheep grazed on harvested alfalfa, small grain, and fallow fields. Supplemental feeding of cattle continued as range conditions deteriorated.

CALIFORNIA CROP WEATHER – WEEK ENDING 7/31/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 7/31/2016	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 - 7/31//2016	January 1 - 7/31//2016	July 1 - 7/31/2016	Week Ending 7/31/2016	July 1 - 7/31/2016	July 1 - 7/31//2016	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	58	-2	64	51	20	32	3	0.00	0.36	0.16	38.10
Ukiah	81	8	107	54	1079	753	0	0.00	0.00	0.04	38.90
Santa Rosa	70	3	97	49	677	567	0	0.00	0.00	0.06	31.01
Napa State Hospital	72	3	98	52	810	623	0	0.00	0.00	0.05	26.46
Central Coast											
San Francisco	64	1	81	53	417	242	0	0.00	0.00	0.02	20.11
San Jose	73	3	94	56	988	850	0	0.00	0.00	0.06	15.08
Salinas	62	-3	74	53	307	265	0	0.00	0.00	0.03	12.91
Monterey	59	-3	70	48	149	99	0	0.00	0.00	0.08	20.35
King City Ag	71	2	94	49	775	667	0	0.00	0.00	0.00	12.30
Paso Robles	81	7	109	50	1176	882	0	0.00	0.00	0.01	13.08
Sacramento Valley											
Redding	89	9	111	63	1929	1410	0	0.00	0.00	0.04	33.52
Red Bluff	89	7	110	63	1880	1525	0	0.00	0.00	0.09	24.07
Willows 6W	83	8	104	61	1494	1173	0	0.00	0.00	0.05	19.03
Oroville	87	10	106	67	1753	1274	0	0.00	0.00	0.06	28.75
Marysville	85	6	105	61	1571	1468	0	0.00	0.00	0.06	22.07
Sacramento	83	7	104	60	1422	1118	0	0.00	0.00	0.04	17.93
San Joaquin Valley											
Stockton	84	7	105	59	1468	1288	0	0.00	0.00	0.05	13.84
Modesto	88	11	107	66	1878	1392	0	0.00	0.00	0.05	13.12
Merced Macready	85	7	106	61	1578	1359	0	0.00	0.00	0.03	12.50
Madera	87	7	108	63	1704	1450	0	0.00	0.00	0.00	11.94
Fresno	91	9	109	70	2069	1586	0	0.00	0.00	0.00	11.23
Lemoore NAS	88	10	110	62	1828	1426	0	0.00	0.00	0.00	7.89
Visalia	86	7	106	64	1801	1450	0	0.00	0.00	0.00	11.03
Bakersfield	93	10	111	75	2332	1781	0	0.00	0.00	0.00	6.49
Cascade Sierra											
Alturas	75	8	101	49	397	261	1	0.00	0.05	0.30	12.13
Mount Shasta	78	12	102	53	603	283	0	0.00	0.00	0.38	39.16
Blue Canyon	75	7	91	51	545	341	0	0.00	0.00	0.36	66.36
Yosemite Valley	82	9	104	58	1011	644	0	0.00	0.00	0.50	37.73
South Coast											
Santa Maria	64	1	79	51	406	258	0	0.00	0.00	0.03	14.01
Santa Barbara	69	2	78	59	483	563	0	0.00	0.00	0.03	16.93
Oxnard NWS	73	7	83	63	820	508	0	0.00	0.00	0.02	15.62
Riverside	86	7	103	71	2004	1454	0	0.00	0.00	0.03	10.22
Los Angeles	74	5	82	67	997	858	0	0.00	0.00	0.03	13.15
San Diego	73	2	81	67	1255	1038	0	0.00	0.00	0.02	10.77
Southeast Interior											
Bishop	84	7	108	57	1307	1056	0	0.00	0.00	0.16	5.02
Daggett	98	10	114	79	2768	2222	0	0.00	0.00	0.46	4.17
Lancaster ATC	91	10	110	73	1893	1422	0	0.00	0.00	0.10	7.40
Thermal	97	6	114	80	3452	3018	0	0.00	0.00	0.20	3.53
Blythe	99	5	116	76	3760	3104	1	0.24	0.24	0.34	4.02
Imperial CA	100	8	116	84	3704	2906	0	0.00	0.00	0.07	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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