



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEEK ENDING: July 29, 2018
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FREQUENCY: Weekly
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WEATHER

As high pressure aloft began to become dominant over the southwestern United States, hot and dry conditions spread throughout the state. Temperatures saw a drastic rise across southern California, in which temperatures either tied or surpassed daily records. In the early part of the week, the higher elevations in north west California and southern Sierras had isolated showers and thunderstorms respectively. Over the weekend, temperatures began to gradually cool as the high pressure aloft began to weaken.

Temperature highs ranged from the lower 60s to mid 100s in the mountains, mid 70s to upper 100s along the coast, mid 80s to upper 90s in the Sierras, lower 100s to lower 110s in the valley, and mid 100s to lower 120s in the desert. Temperatures lows ranged from the lower 40s to upper 60s in the Sierras, lower 50s to upper 50s in the mountains, lower 50s to upper 60s along the coast, upper 50s to upper 70s in the valley, and lower 60s to upper 80s in the desert.

FIELD CROPS

Rice was being treated for armyworm in Tulare County. Rice was progressing well in the Sacramento Valley. **Sunflower** were being treated for head moth, **safflower** was fully bloomed, and **wheat** harvest was nearly finished. Sunflower in Sutter County began to defoliate.

FRUIT CROPS

Grape vineyards were irrigated. **Peaches, nectarines, apricots, figs, table grapes, pears, and plums** were harvested. Stone fruit orchards were sprayed, irrigated and fertilized. Summer pruning and topping of harvested stone fruit orchards continued. A few stone fruit growers reported increased disease pressure and fruit drop from the summer's extreme weather. Valencia **oranges** were harvested. Citrus packers were color sorting as citrus greening was exacerbated by high temperatures.

NUT CROPS

Almond, walnut and pistachio orchard irrigation increased in response to the excessive high heat experienced this month. Sunburn protection was applied to some walnut groves. Almond hull split was underway but reported to be slower than normal. Almond groves were treated with pesticides and fungicides. Pistachio nuts were progressing well.

VEGETABLE CROPS

Sweet Corn continued to be harvested in Sacramento County. **Brassica** was harvested in Monterey County. **Cucumbers, eggplant, peppers, squash, and zucchini** were harvested in Tulare County. **Brussels sprouts** and squash continue to progress well in San Mateo County.

LIVESTOCK

Rangeland and non-irrigated pasture quality continued to deteriorate with the hot dry weather. Lower elevation range and non-irrigated pasture was in poor to fair condition. Cattle were provided supplemental feed to compensate for the declining nutritional value of the rangeland forage. Wildfires in the northern parts of the state forced evacuations of some large animals and burned many acres of rangeland. Sheep grazed on retired crop land. Bees were active in sunflower and melon fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 07/29/2018

STATIONS	TEMPERATURE				GROWING DEGREE HOURS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 07/29/2018	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1-07/29/2018	January 1-07/29/2018	July 1-07/29/2018	Week Ending 07/29/2018	July 1-07/29/2018	July 1-07/29/2018	July 1-June 30
-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	55	-3	62	51	6	0	1	0.02	0.02	0.17	40.33
Ukiah	82	7	105	57	182	777	0	0.00	0.00	0.04	37.35
Santa Rosa	69	1	88	51	606	484	0	0.00	0.00	0.01	36.28
Napa State Hospital	70	1	91	54	658	649	0	0.00	0.00	0.00	27.71
Central Coast											
San Francisco	59	-4	70	52	413	265	0	0.00	0.00	0.00	20.65
San Jose	69	-1	91	60	874	784	0	0.00	0.00	0.00	14.90
Salinas	59	-4	75	54	232	220	1	0.00	0.01	0.00	12.83
Monterey	58	-3	69	54	138	54	0	0.00	0.00	0.01	16.12
King City Ag	78	9	104	50	936	668	0	0.00	0.00	0.01	12.06
Paso Robles	80	7	108	51	872	746	2	0.00	0.20	0.01	15.20
Sacramento Valley											
Redding	89	7	113	70	1941	1459	0	0.00	0.00	0.08	34.62
Red Bluff	89	7	112	69	2013	1445	0	0.00	0.00	0.11	24.49
Willows 6W	84	6	103	67	1574	1284	0	0.00	0.00	0.04	23.53
Oroville	87	7	106	71	1772	1341	0	0.00	0.00	0.02	31.52
Marysville	83	6	107	63	1541	1196	0	0.00	0.00	0.01	22.75
Sacramento	80	4	104	58	1342	1085	0	0.00	0.00	0.01	21.18
San Joaquin Valley											
Stockton	83	6	102	60	1633	1133	0	0.00	0.00	0.00	14.06
Modesto	86	6	102	65	1707	1420	0	0.00	0.00	0.00	13.11
Merced Macready	83	5	104	62	1604	1214	0	0.00	0.00	0.00	12.50
Madera	84	5	105	61	1716	1289	0	0.00	0.00	0.02	12.02
Fresno	91	7	104	73	2208	1652	0	0.00	0.00	0.01	11.50
Lemoore NAS	86	7	106	64	1880	1325	0	0.00	0.00	0.00	7.91
Visalia	86	5	101	71	1482	1456	0	0.00	0.00	0.01	10.93
Bakersfield	91	7	107	77	2439	1720	0	0.00	0.00	0.00	6.47
Cascade Sierra											
Alturas	73	6	98	43	368	262	1	0.00	0.13	0.31	14.17
Mount Shasta	76	7	97	53	612	372	2	0.34	0.49	0.37	43.21
Blue Canyon	77	7	86	68	626	461	0	0.00	0.00	0.09	64.62
Yosemite Valley	79	5	99	60	756	649	0	0.00	0.00	0.37	36.73
South Coast											
Santa Maria	61	-3	75	54	358	190	0	0.00	0.00	0.03	13.95
Santa Barbara	72	4	83	64	718	560	1	0.00	0.01	0.02	19.43
Oxnard NWS	69	1	78	63	643	509	0	0.00	0.00	0.02	15.33
Riverside	87	7	107	67	1754	1372	1	0.00	0.02	0.06	12.40
Los Angeles	73	4	84	68	918	649	0	0.00	0.00	0.03	12.82
San Diego	76	4	96	68	1327	770	0	0.00	0.00	0.07	11.16
Southeast Interior											
Bishop	84	6	104	60	1534	1028	3	0.00	1.52	0.15	5.17
Daggett	98	9	112	80	2750	2198	3	0.00	0.21	0.42	4.06
Lancaster ATC	90	7	109	67	1768	1495	1	0.00	0.02	0.09	7.38
Thermal	100	9	122	80	3752	2732	0	0.00	0.00	0.13	3.20
Blythe	102	7	120	87	3592	3048	5	0.00	0.15	0.24	3.83
Imperial CA	100	7	121	83	3458	2821	0	0.00	0.00	0.14	3.44

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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