



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

Another hot and dry week across the state, with rainfall isolated to parts of the northern mountains on Friday and Sunday. These showers brought less than a quarter inch of rainfall to the affected areas.

Extreme maximum temperatures ranged from the 70s-90s in the mountains and along the coast, 80s-90s in the valley, and 90s-110s in the desert. Minimum temperatures fluctuated between the 30s-50s in the mountains, 50s-60s along the coast, 50s-70s in the valley, and 50s-80s in the desert. A few desert locations at high altitude dropped into the upper 40s a couple of nights during the week, and a couple of valley locations dropped into the upper 40s on Saturday night. Most mountain snowpacks were gone, with only patchy snow at sheltered areas in the northern mountains above 10,000 feet, as well on the peak of Mt. Shasta.

FIELD CROPS

In Merced County, ten percent of **alfalfa** was treated for worms. The hot temperatures accelerated **cotton** growth. In Fresno County, Alfalfa for seed production bloomed. Alfalfa for hay was cut, windrowed, and baled with some of the fields treated for pest and weed control. Cotton grew well and bloomed; growers continued to irrigate the fields. **Corn** and **sorghum** was all up and growing well.

FRUIT CROPS

Harvest of **peaches**, **nectarines**, **apricots**, and **plums** were ongoing. Apricot harvest was finishing in Fresno County. Stone fruits were maturing early with the hot weather. Fruit trees were irrigated and herbicide applications were applied to some orchard floors. **Pomegranates** were sizing well. Wine **grapes** in the Central Valley approached veraison. Table grape harvest continued. Grape vineyards were sprayed for mildew, mites, and weeds. Vineyards were irrigated to mitigate stress impacting sugar accumulation. **Blueberry** harvest was drawing to a close. **Avocado** harvest was ongoing. **Fig** growers continued preparations for harvest of the second crop. Valencia **orange**, **lemon**, Ruby Red **grapefruit**, **mandarin**, and **tangelo** harvest and packing continued. High temperatures continued to promote re-greening of Valencia oranges and had packers color sorting. Citrus shipments were slowing down due to color issues.

NUT CROPS

Irrigation of nuts continued across the state. Hull split were increasing in **almonds** in some orchards and stalling in others due to the recent high temperatures. Almond growers continued applying hull split sprays in anticipation of harvest in early August. Worm sprays were applied to some almond orchards. Yellowing and leaf loss in Carmel almonds were reported in Stanislaus and Merced Counties. Spider mite activity was picking up with the ongoing heat after being tempered by the cool conditions and rain in May. **Walnut** branches broken from the weight of heavy sets were removed from orchard floors. Codling moth spraying in walnuts continued as did monitoring for husk fly. Sunburn sprays were applied to walnuts. **Pistachios** were well into nut fill and blanks were not reported to be significant.

VEGETABLE CROPS

In Stanislaus County, **watermelon**, **cantaloupe**, and **honey dew** were harvested. In Monterey County, there were typical cool conditions for production. In San Mateo County, **peas** were harvested. In Fresno County, **garlic** and **onions** were harvested with a few onion fields reporting bacterial rot. Weeding crews worked in dehydrator onion fields. **Sweet corn** was harvested. Corn stalks in some harvested fields were shredded for fodder and other fields were cultivated in preparation for the next crop. Organic processing **tomatoes** were harvested with excellent quality and good yields. Personal size watermelons were harvested with good yields. Fungicide was applied to **carrots**. Onion seed was cut and dried. Anaheim **chili peppers** were planted. In Tulare County, summer vegetables were harvested and shipped domestically. **Zucchini**, Italian **squash**, **Bell peppers**, tomatoes, **eggplant**, and **cucumbers** were harvested. Sweet corn was harvested and sold at roadside stands. Melons were irrigated and prepped for harvest. **Lettuce** grown for seed in Firebaugh District had matured and the lecture seed crop in Huron had bloomed.

LIVESTOCK

Desiccation of rangeland vegetation continued. Non-irrigated pasture and range in the Sacramento and San Joaquin Valleys were reported to be in fair to very poor condition. Foothill forage was in fair condition. Fires continued to burn across the state, but the recent large fires necessitating evacuations of homes and livestock were nearly contained and evacuees allowed to return. Bees continued to labor in melon and sunflower fields. Sheep grazed on harvested alfalfa, small grain and fallow fields. Cattle movement to summer upper elevation range and BLM leases was nearly complete. Poor range conditions necessitated supplemental feeding for some cattle.

CALIFORNIA CROP WEATHER – WEEK ENDING 7/10/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 7/10/2016	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 - 7/10//2016	January 1 - 7/10//2016	July 1 - 7/10/2016	Week Ending 7/10/2016	July 1 - 7/10/2016	July 1 - 7/10//2016	July 1 - June 30
-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --				
North Coast											
Eureka WFO	58	0	65	49	16	11	2	0.33	0.33	0.10	38.10
Ukiah	71	-2	94	51	747	468	0	0.00	0.00	0.04	38.90
Santa Rosa	66	-2	87	49	482	400	0	0.00	0.00	0.00	31.01
Napa State Hosp	66	-3	85	51	601	437	0	0.00	0.00	0.00	26.46
Central Coast											
San Francisco	63	1	73	54	343	174	0	0.00	0.00	0.02	20.11
San Jose	68	-4	80	55	753	619	0	0.00	0.00	0.00	15.08
Salinas	62	-1	76	54	257	188	0	0.00	0.00	0.03	12.91
Monterey	59	-1	71	53	140	63	0	0.00	0.00	0.08	20.35
King City Ag	67	-2	86	51	580	475	0	0.00	0.00	0.00	12.30
Paso Robles	71	-3	97	50	821	581	0	0.00	0.00	0.00	13.08
Sacramento Valley											
Redding	79	-2	98	57	1415	953	0	0.00	0.00	0.04	33.52
Red Bluff	79	-3	97	59	1385	1063	0	0.00	0.00	0.09	24.07
Willows 6W	74	-3	92	56	1097	819	0	0.00	0.00	0.05	19.03
Oroville	77	-2	96	57	1283	888	0	0.00	0.00	0.06	28.75
Marysville	75	-5	96	54	1151	1069	0	0.00	0.00	0.06	22.07
Sacramento	72	-4	89	55	1034	786	0	0.00	0.00	0.04	17.93
San Joaquin Valley											
Stockton	74	-4	93	56	1057	916	0	0.00	0.00	0.00	13.84
Modesto	77	-2	97	56	1391	1014	0	0.00	0.00	0.00	13.12
Merced Macready	76	-3	95	53	1144	960	0	0.00	0.00	0.00	12.50
Madera	77	-3	98	55	1247	1030	0	0.00	0.00	0.00	11.94
Fresno	81	-1	99	61	1531	1126	0	0.00	0.00	0.00	11.23
Lemoore NAS	79	1	101	58	1356	1027	0	0.00	0.00	0.00	7.89
Visalia	79	0	98	61	1345	1037	0	0.00	0.00	0.00	11.03
Bakersfield	83	1	100	64	1752	1286	0	0.00	0.00	0.00	6.49
Cascade Sierra											
Alturas	66	1	88	43	227	118	1	0.05	0.05	0.10	12.13
Mount Shasta	66	0	87	45	362	140	0	0.00	0.00	0.17	39.16
Blue Canyon	64	-4	76	49	316	163	0	0.00	0.00	0.15	66.36
Yosemite Valley	73	3	93	54	632	360	0	0.00	0.00	0.20	37.73
South Coast											
Santa Maria	62	-2	78	51	335	174	0	0.00	0.00	0.00	14.01
Santa Barbara	64	-3	76	53	321	405	0	0.00	0.00	0.00	16.93
Oxnard NWS	68	4	78	58	590	374	0	0.00	0.00	0.02	15.62
Riverside	77	-1	95	60	1502	1045	0	0.00	0.00	0.00	10.22
Los Angeles	70	2	76	63	724	654	0	0.00	0.00	0.00	13.15
San Diego	71	1	78	64	995	798	0	0.00	0.00	0.02	10.77
Southeast Interior											
Bishop	78	2	101	53	876	693	0	0.00	0.00	0.10	5.02
Daggett	90	3	106	71	2067	1626	0	0.00	0.00	0.10	4.17
Lancaster ATC	82	2	96	67	1336	975	0	0.00	0.00	0.00	7.40
Thermal	91	0	113	65	2738	2356	0	0.00	0.00	0.00	3.53
Blythe	96	4	115	78	2951	2390	0	0.00	0.00	0.07	4.02
Imperial CA	94	4	114	70	2893	2236	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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