



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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WEATHER

A very hot and dry airmass settled over the state this week as ridging built over the western United States. Nearly the entire state remained dry through the week. Temperatures were very warm across the state except for high elevations in the mountains and locations along the immediate coast that enjoyed the effects of the Pacific sea breeze. Multiple marine fog/stratus events along the immediate coast helped to keep afternoon highs in check there. Elsewhere, highs were in the 90s-100s in the valley, 90s-110s in the desert, and 60s-80s in the mountains. Lows were in the 40s-50s along the coast, 50s-60s in the valley, 60s-80s in the desert, and 30s-50s in the mountains.

Snowmelt continued on schedule in the mountains, with snowpacks patchy to non-existent in the southern Sierras, 1-2 feet above 10,000 feet in the central Sierras, and 2-4 feet above 8,000 feet in the northern mountains.

FIELD CROPS

Harvest of **wheat**, small grains and forage continued. Harvested fields were replanted for summer crops. Hot weather accelerated growth of wheat, **rice**, **cotton**, **corn** and **alfalfa**. Alfalfa was mowed, dried and baled. Tule Lake - Klamath River Basin alfalfa yields were down due to insects. In San Luis Obispo, grain harvest was nearly complete. Pima Cotton had 4 to 5 squares in Fresno County. Cotton was 96 percent planted. Across the state **corn** continued to be planted. Earlier corn was emerging well and flourishing in the heat. Some corn fields were up to four feet tall. Nitrogen fertilizer was applied to promote growth. Soil moistures were low, necessitating irrigation. Drip irrigation has become more common in field crops. Winter wheat was rated at 85 percent good to excellent. Rice was rated as 93 percent good to excellent. Some rice was in the tillering stage and 74 percentage had emerged.

FRUIT CROPS

In Madera County, **apricots** and **pluots** were harvested. Orchard floors continued to be mowed and sprayed for weeds. In Fresno County, controls continued for mildew in **grapes**. Bunch closure stage was approaching for grapes. Mold and mildew controls continued on tree fruit orchards. In Stanislaus County, orchards and vineyards were irrigated whether by drip, flood, or sprinklers. The **Cherry** harvest was almost completed with only a couple of sheds still packing. **Olives** were sprayed for weed control. In Tulare County, apricots were harvested. Reflecting plastic was being placed in some orchards to help promote color. Summer pruning began on some stone fruit orchards. Grape vines were having some leaves pulled to improve air flow and sun light. Valencia **oranges** were picked. Olives were pruned and irrigated.

NUT CROPS

In Fresno County, growers were reporting limb-breaking **almond** crops, with orchard cleaning and mildew spraying continued. **Walnuts** were sprayed for codling moth and mites. **Pistachio** orchards were exhibiting a heavy crop and growers continued to spray for weeds. In Tulare County, new planting of almonds and pistachios were going in.

VEGETABLE CROPS

In Stanislaus County, growers were planting **melons**, **corn**, **tomatoes** and **beans**. **Broccoli** was harvested. In Madera County, **onion** for seed was bolting. In Monterey County, there was a busy harvest season underway for **lettuce** and **Brassicas**. The warm and dry conditions pushed production. In Fresno County, there was red fruit on the earliest processing tomato fields. There were reports of spotted wilt and normal levels of curly top. Fresh market onion tops had fallen in early fields. Processing onion tops were falling. **Mazuna mustard** was harvested with good yield. **Kale** for seed was drying and had a severe bird problem. Mini **watermelons** were sprayed for mites and worms. Fungicide was applied to **carrots**. Seed was set on **arugula** for seed. In Tulare County, summer vegetables were harvested and shipped domestically. **Zucchini** and **cantaloupes** were harvested. Early planted sweet corn was growing well. Melons were irrigated and prepped for harvest.

LIVESTOCK

In Fresno and San Joaquin Counties, rangeland and pastures continued drying up with the extreme heat. In Tulare County, warmer weather accelerated the drying of rangeland forage.

CALIFORNIA CROP WEATHER – WEEK ENDING 6/5/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 6/5/2016	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 - 6/5/2016	January 1 - 6/5/2016	July 1 - 6/5/2016	Week Ending 6/5/2016	July 1 - 6/5/2016	July 1 - 6/5/2016	July 1 - June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	57	3	65	48	13	0	130	0.00	46.90	37.64	38.10
Ukiah	76	12	101	51	346	141	96	0.00	36.65	38.74	38.90
Santa Rosa	70	6	97	46	227	170	81	0.00	30.56	30.90	31.01
Napa State Hosp	71	7	99	53	309	182	77	0.00	24.87	26.37	26.46
Central Coast											
San Francisco	65	5	87	53	214	77	64	0.00	18.58	20.06	20.11
San Jose	74	8	95	54	435	286	59	0.00	14.91	15.04	15.08
Salinas	63	3	84	51	171	87	54	0.00	13.75	12.88	12.91
Monterey	60	3	74	48	111	23	66	0.00	21.84	20.21	20.35
King City Ag	71	7	103	48	283	210	54	0.00	10.10	12.29	12.30
Paso Robles	76	10	105	49	349	201	41	0.00	9.26	13.08	13.08
Sacramento Valley											
Redding	84	13	105	58	716	345	88	0.00	42.07	33.05	33.52
Red Bluff	85	12	106	63	685	431	80	0.00	26.60	23.76	24.07
Willows 6W	79	10	100	59	544	332	64	0.00	17.15	18.85	19.03
Oroville	83	13	102	62	643	355	80	0.00	21.43	28.56	28.75
Marysville	81	9	103	56	572	495	73	0.00	21.96	21.90	22.07
Sacramento	80	11	102	56	546	340	65	0.00	18.30	17.79	17.93
San Joaquin Valley											
Stockton	80	9	103	53	522	403	66	0.00	19.00	13.81	13.84
Modesto	83	13	103	61	725	485	50	0.00	15.20	13.05	13.12
Merced Macready	80	10	103	58	536	417	51	0.00	14.66	12.47	12.50
Madera	81	10	104	57	615	453	50	0.00	13.30	11.89	11.94
Fresno	85	12	105	63	786	500	55	0.00	14.73	11.06	11.23
Lemoore NAS	82	10	107	58	675	462	39	0.00	6.82	7.89	7.89
Visalia	82	10	106	58	670	466	49	0.00	9.08	10.95	11.03
Bakersfield	87	13	107	68	937	602	36	0.00	5.43	6.43	6.49
Cascade Sierra											
Alturas	65	10	94	37	43	1	112	0.02	15.31	11.55	12.13
Mount Shasta	70	13	93	46	117	9	117	0.00	44.89	38.44	39.16
Blue Canyon	70	13	81	45	93	11	100	0.00	72.49	65.79	66.36
Yosemite Valley	73	11	92	52	183	77	79	0.00	37.89	37.15	37.73
South Coast											
Santa Maria	63	4	84	49	231	65	51	0.00	9.10	14.01	14.01
Santa Barbara	61	-3	69	53	166	217	34	0.00	11.78	16.93	16.93
Oxnard NWS	64	3	79	55	331	211	29	0.00	8.98	15.62	15.62
Riverside	76	7	104	57	876	521	43	0.00	9.23	10.18	10.22
Los Angeles	64	-2	73	57	416	395	38	0.00	10.84	13.13	13.15
San Diego	67	2	75	61	651	502	47	0.01	10.54	10.74	10.77
Southeast Interior											
Bishop	75	9	102	50	259	232	26	0.00	3.62	4.87	5.02
Daggett	88	11	108	65	1027	780	32	0.00	2.93	4.06	4.17
Lancaster ATC	85	14	103	61	550	385	28	0.00	6.83	7.40	7.40
Thermal	90	7	116	63	1655	1361	11	0.00	2.86	3.51	3.53
Blythe	91	7	118	67	1735	1324	18	0.00	1.86	4.01	4.02
Imperial CA	90	8	117	67	1732	1260	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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