



California Crop Weather

Cooperating with the California Department of Food and Agriculture

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WEATHER

A broad ridging pattern across the western US resulted in a very hot week in California. High pressure kept cooler, moist Pacific air at sea and kept the State completely dry throughout the week. The only measurable rainfall fell on Wednesday across the southern Los Angeles basin from a stray pop-up thunderstorm that was aided by a weak Santa Ana wind setup. The presence of high pressure allowed temperatures to soar across the entire State, with temperatures exceeding 90 degrees pushing all the way to the coast. The one exception was along the northern California coast, where temperatures stayed in the 70s. Highs throughout the week topped 90 degrees along the coast, exceeded 100 degrees across the Central Valley and the southern deserts, and even climbed into the 80s and 90s in the mountains. Overnight lows ranged from the 50s on the central coast to 60s in the Central Valley, and dropped all the way down to the upper 20s in the mountains. High pressure weakened over the weekend, allowing an influx of cooler, moist Pacific air along the northern and central coasts. This onshore flow of Pacific air resulted in marine fog/stratus events along the immediate coast during the weekend and kept highs in the 70s and 80s.

FIELD CROPS

Rice fields were dried and harvest began in earnest throughout the State with less than one-fifth of the crop harvested by week's end. Fields were disced, chiseled, and landplaned. **Cotton** harvest had still not begun with half of the crop reported bolls open. The crop was rated ninety percent good-to-excellent. There were no reports of winter **wheat** planted. **Sunflowers** were harvested in Sutter County. **Corn** and **sorghum** continued to be cut for silage throughout the State. **Alfalfa** continued to be irrigated, cut, and baled. Growers in the Central Valley north of Sacramento reported their final cutting. **Beans** were harvested.

FRUIT CROPS

Peach, prune, and pomegranate harvests in Yuba and Sutter Counties slowed and were completed in some areas. Wine **grape** harvest continued in San Luis Obispo and Napa Counties. Raisin grapes dried and trays were rolled. In Fresno County, table and wine grape harvest continued, including grapes for raisins. Zante **currents** were rolled and boxed. Citrus orchards were irrigated. Potted grapevines continued to be shipped to Florida. Asian and European **pears**, Valencia **oranges**, and **lemons** were harvested and shipped. Navel oranges matured. **Olives** started to size up and some orchards were pruned. Citrus nursery stock was sold and planted.

NUT CROPS

Almond harvest was in full swing for the majority of growers. In Fresno County, newly planted almond and **pistachio** trees progressed. Pistachio harvest began. **Walnut** orchards grew well, growers applied pre-harvest sprays. In Tulare County, walnut orchards were cleaned and prepped for the shaking process and final irrigation.

VEGETABLE CROPS

Cantaloupe harvest and packing continued in Sutter County. The quality varied due to record high temperatures and resulted in very good reports in some fields and over-mature in others. The **cucurbit** seed harvest was winding down. The remaining crops for farmer's markets were harvested in anticipation of the end of the market season this month. In San Joaquin County, harvest continued for **pumpkins, watermelon, other melons, tomatoes, and sweet corn**. Harvest of **Brassicac**s, **lettuce**, and other leafy greens continued in Monterey County with the produce showing temperature stress. In Fresno County, the tomato harvest continued with mold and color problems reported. **Carrots** were cultivated and herbicide applied. Fields were prepared for a second harvest of lettuce seed. Harvest of summer vegetables were winding down in Tulare County. **Honeydew melons** were harvested and packed.

LIVESTOCK

Foothill rangeland water and forage were very poor at all elevations as supplemental feeding continued. In Glenn County, range conditions improved compared to last year because of near normal rainfall last winter. In Sutter County, very poor range conditions continued as range cattle were given supplemental feed to compensate for the lack of nutritional forage. In San Joaquin County, sheep grazed on idle fields and crop stubble. In Fresno County, some bee hives were placed around fields of cantaloupe, honeydew, squash, and watermelon for pollination. The majority of honey bees have been moved out of State. Fire danger remained extremely high across the State.

CALIFORNIA CROP WEATHER – WEEK ENDING 9/13/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 9/13/2015	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 - 9/13/2015	January 1 - 9/13/2015	July 1 - 9/13/2015	Week Ending 9/13/2015	July 1 - 9/13/2015	July 1 - 9/13/2015	July 1 - June 30
					-- Degrees Fahrenheit --				-- Number --		Days /3 -
North Coast											
Eureka WFO	60	3	70	51	132	65	8	0.01	0.55	0.84	38.1
Ukiah	77	7	105	49	1727	1261	3	0	0.14	0.41	38.9
Santa Rosa AP	76	9	102	48	1079	902	3	0	0.08	0.3	31.01
Napa State Hosp	78	11	103	52	1343	980	2	0.01	0.02	0.29	26.46
Central Coast											
San Francisco A	72	8	92	57	799	414	0	0	0	0.13	20.11
San Jose AP	77	8	96	56	1284	1309	1	0	0.02	0.19	15.08
Salinas AP	72	9	97	54	881	456	2	0	0.07	0.14	12.91
Monterey AP	69	8	94	53	625	197	4	0	0.12	0.3	20.35
King City Ag	77	9	105	51	1354	1058	2	0	0.03	0.14	12.3
Paso Robles AP	79	9	105	48	1753	1442	2	0	2.09	0.2	13.08
Sacramento Valley											
Redding	84	10	109	57	3083	2173	1	0	0.04	0.4	33.52
Red Bluff	82	7	108	58	2804	2334	1	0	0.03	0.47	24.07
Willow s 6W	81	9	104	53	2339	1796	1	0	0.05	0.28	19.03
Oroville AP	81	9	103	56	2536	1921	2	0	0.1	0.36	28.75
Marysville	81	8	107	51	2289	2180	0	0	0	0.28	22.07
Sacramento AP	82	10	106	53	2143	1727	0	0	0	0.24	17.93
San Joaquin Valley											
Stockton	82	9	108	50	2201	1967	2	0	0.02	0.23	13.84
Modesto AP	84	10	106	53	2580	2081	0	0	0	0.21	13.12
Merced Macready	80	7	104	51	2282	2072	0	0	0	0.07	12.5
Madera AP	82	8	106	52	2538	2205	2	0	0.12	0.09	11.94
Fresno AP	86	10	105	60	2971	2395	2	0	0.43	0.11	11.23
Lemoore NAS	82	8	105	52	2672	2137	2	0	0.12	0.15	7.89
Visalia AP	81	7	101	54	2683	2179	3	0	0.2	0.11	11.03
Bakersfield AP	87	10	104	65	3236	2680	1	0	0.04	0.08	6.49
Cascade Sierra											
Alturas AP	66	7	97	32	785	444	14	0	1.63	0.93	12.13
Mount Shasta AP	70	10	96	42	1030	484	8	0	1.56	1.13	39.16
Blue Canyon	76	13	88	59	1072	626	3	0	0.08	1.28	66.36
Yosemite Valley	77	9	98	50	1766	1138	7	0	1.88	1.02	37.73
South Coast											
Santa Maria AP	74	11	90	54	1063	464	2	0	0.14	0.21	14.01
Santa Barbara A	76	9	90	56	1146	929	1	0	0.01	0.27	16.93
Oxnard MWS	78	12	91	60	1371	812	4	0	0.58	0.23	15.62
Riverside AP	87	10	106	69	2815	2270	7	0.05	2	0.32	10.22
Los Angeles AP	80	10	92	69	1571	1319	4	0.01	0.36	0.28	13.15
San Diego AP	83	12	96	72	2108	1570	5	0	1.71	0.16	10.77
Southeast Interior											
Bishop AP	76	7	101	45	1913	1623	3	0	0.24	0.42	5.02
Daggett AP	89	8	104	72	3794	3298	7	0	0.64	1	4.17
Lancaster ATC	83	9	102	63	2495	2199	4	0	2.34	0.27	7.4
Thermal	91	6	109	75	4512	4267	3	0	0.88	0.8	3.53
Blythe AP	93	6	108	78	4968	4448	4	0	0.23	1.24	4.02
Imperial CA	93	6	109	80	4779	4206	3	0	0.26	0.51	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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