



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

WEEK ENDING: July 30, 2017
RELEASED: July 31, 2017

FREQUENCY: Weekly
VOL. 38 NO. 4

WEATHER

The weather last week was hot and dry across the State. The summer monsoon across the southwest desert helped trigger some showers across the deserts last week, while additional pockets of moisture found their way into the Sierras and managed to produce a few scattered showers throughout the week. Rainfall was limited to Monday through Thursday across the interior deserts and parts of the central and northern Sierras. A few monsoon showers and thunderstorms dropped up to half an inch of rain in places across the desert, with most areas receiving around a tenth of an inch. A stray thunderstorm near Alturas in the northeastern corner of the State dropped nearly half an inch of rain. Snowcover continued to dissipate across the State; however, some areas of the Lassen Volcanic National Park still had nearly ten feet of snow in some areas.

Temperature highs were in the 60s to 80s along the coast, 70s to 90s in the mountains, 90s to 100s, in the valley, and 90s to 110s in the desert. Temperature lows were in the 30s to 50s in the mountains, 50s to 60s along the coast, 60s to 70s in the valley, and 60s to 80s in the desert.

FIELD CROPS

Wheat was harvested for grain and shaft baled for straw. **Alfalfa** fields were being irrigated, cut, and baled. **Corn** and **sorghum** for silage were cultivated and irrigated. The corn silage crop was in various stages of development, from already tasseling to developing ears. **Cotton** continued to be irrigated, cultivated, and was growing well. **Cotton** was blooming and forming bolls. **Black-eyed beans** continued to be irrigated and cultivated.

FRUIT CROPS

Mid-season **peach**, **nectarine**, **pluot**, and **plum** harvest continued. Some harvested stone fruit orchards were pruned and topped. Table **grapes** were harvested and vineyards irrigated. Wine grapes were maturing well. Valencia **orange** harvest continued but was winding down due to high temperatures and fruit availability.

NUT CROPS

Walnut, **almond**, and **pistachio** orchards continued to be irrigated. Mechanical and chemical weed control continued in orchards. Harvest preparation was underway in almond orchards. Almond harvest began in the warmer regions of Kern County. Pistachios were beginning to split. Navel Orange Worm sprays and fertilizers were applied to pistachios. Walnuts were sizing well.

VEGETABLE CROPS

In Colusa County, triple digit heat impacted the harvest of vegetables, including processing **tomatoes** and **honeydew melons**. The processing tomato harvest was somewhat erratic, interrupting the smooth flow of ripe tomatoes to the canneries. The melon packing sheds were affected by the inconsistent flow of fruit. In San Joaquin County, harvest was ongoing for honeydew melons, **watermelons**, **cantaloupes**, **onions**, and fresh vegetable crops. Farmers' Market vegetables continued to be harvested and offered for sale. In Monterey County, mid-year harvest and production slowed for two weeks. It was expected to pick back up with more harvesting and preparation for the third or last rotation of the year. All commodities, **lettuces**, **brassicas**, and **spinach** were in production. **Asparagus** was finished and **artichokes** will pick up again in August. In Fresno County, harvest continued for both organic and conventional tomatoes with lower yields than expected. Quality was reported as very good. **Onions**, **carrots**, and **lettuce seed** were harvested. Soil was prepared for yellow peppers. In Tulare County, tomatoes, **cucumbers**, **squash**, and **peppers** were picked by certified producers and sold at the local Farmers' Markets. Yellow squash, **zucchini**, **eggplant**, Bell peppers, green chili peppers, and cucumbers were harvested and shipped domestically. **Sweet corn** harvest continued and was sold at roadside stands and local Farmers' Markets. Melons were irrigated and prepared for the upcoming harvest. In Kings County, the tomato harvest continued with a decent harvest reported. Tomatoes were sprayed with fungicide and pesticide.

LIVESTOCK

The decline in nutritional quality of rangeland grasses and forbs continued. Range and dryland pasture conditions across the state were reported as fair to very poor. Some north state pasture and range was burned by wildland fires. Elevated temperatures continued to impact milk production. Bees were active in melon and sunflower fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 07/30/2017

| STATIONS | TEMPERATURE | | | | GROWING DEGREE DAYS AT 60°F BASE | | RAIN DAYS | PRECIPITATION 1/ | | | |
|---------------------------|--------------------------------|--------------------------|------|--------------|----------------------------------|------------------------|-------------------------------|------------------------|---------------------|---------------------|------------------|
| | Average Week Ending 07/30/2017 | 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 - 07/30/2017 | January 1 - 07/30/2017 | July 1 - 07/30/2017 | Week Ending 07/30/2017 | July 1 - 07/30/2017 | July 1 - 07/30/2017 | July 1 - June 30 |
| -- Degrees Fahrenheit -- | | | | -- Number -- | | -- Days 3/ - | -- Inches of Precipitation -- | | | | |
| North Coast | | | | | | | | | | | |
| Eureka WFO | 58 | -1 | 65 | 51 | 3 | 20 | 2 | 0.00 | 0.06 | 0.15 | 38.10 |
| Ukiah | 77 | 3 | 100 | 54 | 513 | 390 | 0 | 0.00 | 0.00 | 0.04 | 38.90 |
| Santa Rosa | 67 | -1 | 90 | 48 | 305 | 229 | 0 | 0.00 | 0.00 | 0.06 | 31.01 |
| Napa State Hospital | 69 | 0 | 88 | 54 | 323 | 257 | 0 | 0.00 | 0.00 | 0.05 | 26.46 |
| Central Coast | | | | | | | | | | | |
| San Francisco | 65 | 2 | 77 | 55 | 151 | 95 | 0 | 0.00 | 0.00 | 0.02 | 20.11 |
| San Jose | 72 | 1 | 90 | 57 | 373 | 328 | 0 | 0.00 | 0.00 | 0.06 | 15.08 |
| Salinas | 63 | -1 | 73 | 53 | 95 | 103 | 0 | 0.00 | 0.00 | 0.03 | 12.91 |
| Monterey | 62 | 1 | 72 | 53 | 50 | 45 | 0 | 0.00 | 0.00 | 0.08 | 20.35 |
| King City Ag | 70 | 1 | 93 | 50 | 323 | 271 | 1 | 0.00 | 0.02 | 0.00 | 12.30 |
| Paso Robles | 76 | 1 | 105 | 52 | 526 | 416 | 0 | 0.00 | 0.00 | 0.01 | 13.08 |
| Sacramento Valley | | | | | | | | | | | |
| Redding | 86 | 4 | 106 | 66 | 788 | 641 | 0 | 0.00 | 0.00 | 0.04 | 33.52 |
| Red Bluff | 85 | 3 | 105 | 63 | 756 | 648 | 0 | 0.00 | 0.00 | 0.09 | 24.07 |
| Willows 6W | 83 | 6 | 100 | 62 | 680 | 498 | 0 | 0.00 | 0.00 | 0.05 | 19.03 |
| Oroville | 84 | 6 | 103 | 64 | 730 | 544 | 0 | 0.00 | 0.00 | 0.06 | 28.75 |
| Marysville | 81 | 2 | 102 | 59 | 652 | 566 | 0 | 0.00 | 0.00 | 0.06 | 22.07 |
| Sacramento | 79 | 3 | 101 | 57 | 585 | 462 | 0 | 0.00 | 0.00 | 0.04 | 17.93 |
| San Joaquin Valley | | | | | | | | | | | |
| Stockton | 80 | 2 | 103 | 58 | 632 | 520 | 0 | 0.00 | 0.00 | 0.05 | 13.84 |
| Modesto | 83 | 5 | 103 | 62 | 719 | 531 | 0 | 0.00 | 0.00 | 0.05 | 13.12 |
| Merced Macready | 82 | 3 | 103 | 62 | 674 | 558 | 0 | 0.00 | 0.00 | 0.03 | 12.50 |
| Madera | 83 | 3 | 104 | 63 | 698 | 590 | 0 | 0.00 | 0.00 | 0.00 | 11.94 |
| Fresno | 87 | 5 | 105 | 69 | 811 | 643 | 0 | 0.00 | 0.00 | 0.00 | 11.23 |
| Lemoore NAS | 85 | 6 | 106 | 63 | 714 | 561 | 0 | 0.00 | 0.00 | 0.00 | 7.89 |
| Visalia | 84 | 4 | 104 | 65 | 717 | 580 | 0 | 0.00 | 0.00 | 0.00 | 11.03 |
| Bakersfield | 90 | 6 | 106 | 75 | 891 | 694 | 0 | 0.00 | 0.00 | 0.00 | 6.49 |
| Cascade Sierra | | | | | | | | | | | |
| Alturas | 72 | 5 | 97 | 49 | 325 | 191 | 3 | 0.82 | 0.82 | 0.29 | 12.13 |
| Mount Shasta | 74 | 7 | 95 | 51 | 376 | 192 | 0 | 0.00 | 0.00 | 0.37 | 39.16 |
| Blue Canyon | 73 | 4 | 84 | 57 | 404 | 235 | 0 | 0.00 | 0.00 | 0.35 | 66.36 |
| Yosemite Valley | 75 | 1 | 98 | 42 | 504 | 382 | 0 | 0.00 | 0.00 | 0.49 | 37.73 |
| South Coast | | | | | | | | | | | |
| Santa Maria | 65 | 1 | 75 | 54 | 152 | 118 | 0 | 0.00 | 0.00 | 0.03 | 14.01 |
| Santa Barbara | 67 | -1 | 75 | 60 | 208 | 213 | 1 | 0.00 | 0.04 | 0.03 | 16.93 |
| Oxnard NWS | 70 | 3 | 78 | 62 | 308 | 182 | 0 | 0.00 | 0.00 | 0.02 | 15.62 |
| Riverside | 80 | 0 | 98 | 62 | 660 | 564 | 1 | 0.01 | 0.01 | 0.03 | 10.22 |
| Los Angeles | 72 | 2 | 77 | 66 | 367 | 280 | 0 | 0.00 | 0.00 | 0.03 | 13.15 |
| San Diego | 74 | 2 | 79 | 68 | 405 | 327 | 0 | 0.00 | 0.00 | 0.02 | 10.77 |
| Southeast Interior | | | | | | | | | | | |
| Bishop | 80 | 3 | 102 | 58 | 636 | 506 | 0 | 0.00 | 0.00 | 0.16 | 5.02 |
| Daggett | 92 | 3 | 110 | 74 | 994 | 839 | 1 | 0.03 | 0.03 | 0.44 | 4.17 |
| Lancaster ATC | 85 | 4 | 106 | 64 | 819 | 624 | 0 | 0.00 | 0.00 | 0.10 | 7.40 |
| Thermal | 94 | 2 | 113 | 75 | 1027 | 937 | 0 | 0.00 | 0.00 | 0.19 | 3.53 |
| Blythe | 96 | 2 | 112 | 82 | 1154 | 1013 | 1 | 0.00 | 0.02 | 0.32 | 4.02 |
| Imperial CA | 95 | 3 | 111 | 77 | 1095 | 943 | 1 | 0.35 | 0.35 | 0.06 | 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.

For more weather information visit www.awis.com or call 1-888-798-9955.

Copyright 2017: Agricultural Weather Information Service, Inc.

All rights reserved.