



## **IN THIS ISSUE, YOU'LL FIND:**

[Growers Encouraged to Complete Survey About COVID-19 in the Workplace](#)

[CDC and Department of Labor Issue COVID-29 Guidance for Agricultural Workers and Employers](#)

[COVID-19 Guidance for Seasonal Agriculture Workers and Those Living in Shared Accommodations](#)

[California Department of Industrial Relations Releases Bi-lingual COVID-19 Videos](#)

[EPA Releases Temporary Guidance Concerning PPE for Agricultural Pesticide Handlers](#)

[2018 Crop Year Statistics for California Now Available](#)

[New Report Examines Status of Kuroshio Shot Hole Borer in Tijuana River Valley](#)

[Cover Crop Selection Tool Available](#)

[Commission Promotes Ninth Annual California Avocado Month in June](#)

[Artisan Chefs Present Their Versions of the "Next California Avocado Toast"](#)

[Market Trends](#)

[Crop Statistics](#)

[Weather Outlook](#)

## **Calendar**

*For a listing of industry events and dates for the coming year, please visit:*

<http://www.californiaavocadogrowers.com/commission/industry-calendar>

## **Growers Encouraged to Complete Survey About COVID-19 in the Workplace**

The University of California – Davis's Western Center for Agricultural Health and Safety and the Farm Employers Labor Services (FELS) invite members of the agricultural industry to complete a ten-minute [online survey](#) about their experiences addressing COVID-19 in the workplace. The goal of the survey is to learn from industry members' first-hand experiences in an effort to develop effective strategies and practical solutions to help the agricultural industry cope with COVID-19.

The [survey is available in English and Spanish](#) and is open for responses until June 30. The survey is anonymous. Survey respondents can voluntarily provide their contact information if they would like to receive resources that are developed as a result of the survey.

Growers are [encouraged to participate in the survey](#) as their experiences may provide valuable insights.

## **CDC and Department of Labor Issue COVID-29 Guidance for Agricultural Workers and Employers**

The Centers for Disease Control (CDC) and U.S. Department of Labor have released [interim COVID-19 guidance online for agriculture workers and employers](#), noting this guidance may be adapted by state and local health departments in response to local COVID-19 circumstances.

The webpage outlines the general risks of COVID-19 and the specific risks of exposure associated with the agriculture workforce— such as communal/shared living, shared transportation vehicles and mobility of the workers. Guidance is provided to help employers develop COVID-19 assessment and control plans, as well as key consideration for appropriately screening and monitoring workers to mitigate the spread of COVID-19. As concerns the development of a

control plan, the webpage outlines critical components of the plan: engineering controls, cleaning/disinfection/sanitation, administrative controls and personal protective equipment.

A key component of the guidance is detailed recommendations concerning what steps should be taken in the event employees develop symptoms or test positive for COVID-19 and the necessary considerations that should be given when addressing the return of a worker after exposure.

In addition, specific guidance is provided to help employers mitigate risk in shared housing environments and for shared transportation. The site also provides important resources for families in need of childcare, discusses special considerations for youth farmworkers and summarizes workers' rights.

The CDC also has developed the [Agricultural Employer Checklist for Creating a COVID-19 Assessment and Control Plan](#) to assist agricultural employers in creating a COVID-19 assessment and control plan for applying specific preparation, prevention, and management measures. This checklist has been developed based on the Agriculture Workers and Employers Interim Guidance from CDC and the U.S. Department of Labor.

## **COVID-19 Guidance for Seasonal Agriculture Workers and Those Living in Shared Accommodations**

United Fresh, AFFI and Western Growers, with input from the Food and Drug Administration and the Centers for Disease Control (CDC), have released guidance for agricultural employers pertaining to how they can help protect seasonal workers and those who live in shared/communal housing during the COVID-19 pandemic.

The document provides extensive COVID-19-related workforce guidance that is familiar to members of the agricultural industry — hand-washing protocols, social distancing practices, cleaning and sanitation protocols for high-touch surfaces, staggered work/break times, the use of cloth face coverings, limiting shared equipment, etc. It also focuses on considerations specific to seasonal workers — who travel to different regions during harvest season — and those who live in shared or communal housing.

It is recommended that employers be aware of the rate of COVID-19 transmission in regions seasonal workers are traveling from and use that information to guide what specific measures they take to mitigate risk associated with new employees. Employers can opt to quarantine workers for 14 days prior to working, test workers for COVID-19, implement social distancing practices greater than 6' or equip workers with PPE, such as N95 masks. It is suggested the workers be screened for symptoms and fever prior to working and consideration should be given to using a daily questionnaire to ascertain if anyone has COVID-19 symptoms. Onboarding practices should minimize person-to-person contact and all workers should be provided with a supply of cloth face coverings.

As concerns communal/shared housing, proper social distancing should be emphasized and a separate housing area provided for those who have tested positive or show symptoms of COVID-19. Restrict the number of people allowed in communal areas — kitchens, laundry rooms, bathrooms — such that proper social distancing can be followed and be certain these areas are cleaned per CDC guidance. Cleaning materials should be made readily available so that residents can clean high-touch surfaces after use.

For those who carpool, they should be encouraged to travel with the same group of individuals each day. If possible, arrange for the same group of workers to live, work and travel together. If providing transportation, screen employees prior to their entering the vehicle and limit the number of people in vehicles to ensure space between employees. Face coverings should be worn within the vehicles and the vehicles should be sanitized after each trip.

A complete copy of the recommendations, which provide more detail than that noted above, can be found [online](#) or in the right-hand navigation.

## California Department of Industrial Relations Releases Bi-lingual COVID-19 Videos

The California Department of Industrial Relations has released [English- and Spanish-language COVID-19 videos](#) concerning infection prevention guidance for agricultural workers. The videos cover:

- Employers' responsibility to provide COVID-19 prevention training for employees
- COVID-19 symptoms and how the virus is spread
- COVID-19 prevention measures
- Cleaning and sanitation measures
- Social distancing practices at home, at work and while in vehicles
- Federal laws that provide employees with COVID-19-related sick leave
- Information concerning free Medi-Cal COVID-19 testing and treatment services

The [English](#) and [Spanish](#) videos can be viewed on YouTube.

## EPA Releases Temporary Guidance Concerning PPE for Agricultural Pesticide Handlers

In light of the shortage of personal protective equipment (PPE) for the agricultural industry due to COVID-19, the Environment Protection Agency (EPA) has [released temporary guidelines](#) concerning respiratory protection for agricultural pesticide handlers. These guidelines are designed to help ensure the safety of the pesticide handlers, while addressing the unavailability of PPE and respiratory fit testing.

Per the temporary guidelines, alternative options include the following:

- Utilize NIOSH-approved respirators that provide equivalent or greater respiratory protection than those required on the pesticide label
- Hire commercial applicator services that do have enough PPE
- Opt to use pesticides that do not require respirators
- Delay pesticide applications until a compliant PPE option is available

If the above options are not available, the EPA 's temporary guidelines provide terms, conditions and requirements in which the following could be utilized.

- Reuse/extended use of disposable N95 filter facepiece respirators
- Use of "expired" respirators
- Use of respirators certified in certain countries or jurisdictions
- Delay the annual respirator "fit test"

For the above options, [please refer to the EPA's guidance document for complete details.](#)

## 2018 Crop Year Statistics for California Now Available

The California Department of Food and Agriculture (CDFA) has released the [California Agricultural Statistics Review 2018-19](#) online. The report provides a statistical overview of agriculture in the state, including land values/cash rents, farm facts, weather highlights and California's performance in the global marketplace. For the first time, the report includes summary data for organic production.

According to the report, California remains the top agricultural producer in the U.S. with more than 400 commodities (13% of the U.S. total) that represent one-third of the nation's vegetables and two-thirds of the nation's fruits and nuts. In 2018, California farms and ranches generated nearly \$50 billion, a slight increase from the previous year. The number of total California farms (69,400) in 2018 represented a 1.6% decrease from 2017.

Growers are encouraged to review the report, which contains extensive tables that examine statewide and county-by-county agricultural data.

## New Report Examines Status of Kuroshio Shot Hole Borer in Tijuana River Valley

A new report, [The Ecology and Management of the Kuroshio Shot Hole Borer in the Tijuana River Valley](#), by Dr. John Boland, Dr. Kellie Uyeda and Dr. Debbie Woodward summarizes the current status of KSHB in this region. The report is the fifth in a series that began reporting on KSHB in 2016 when infestation rates were at a peak in that area with willow infestations ultimately reaching 91%, leading to the death of about 30% of the willows.

Since 2016, the KSHB population has swiftly declined as it has depleted its preferred willow host trees. The report examines the infestation, the ecology of KSHB, how its impact varied across the valley, how SHB is dispersed, why enriched trees were more likely to be attacked and how the damaged trees responded. The most recent research indicates willows that were extensively damaged by KSHB have since made a vigorous comeback.

A complete copy of the report can be [viewed online](#).

## Cover Crop Selection Tool Available

Cover crops can provide growers with a number of potential benefits — improved water infiltration, increased soil organic matter, beneficial microbial activity, a reduction in erosion and a habitat that lures in beneficial insects and pollinators. The challenge, however, can be deciding which cover crops will work best in your specific avocado grove and what benefits a particular cover crop can provide.

Shulamit Shroder, Climate Smart Specialist in Kern County, has created a new online tool to help growers select cover crops best suited to their grove's conditions and needs. The [Cover Crop Selection Tool](#) asks users to provide the following information:

- USDA hardiness zone
- Estimated amount of water the cover crop will receive
- Soil salinity and pH
- Frequency of soil flooding

Users also are asked to rank the importance of various cover crop benefits to their operation including:

- Improved water filtration/reduction in soil compaction
- Residue persistence (cover crop functioning as a mulch)

- Erosion control
- Weed control
- Nematode control
- Attract pollinators
- Attract beneficial insects
- Fix nitrogen
- Reduce nitrate leaching
- Reduce nutrient contamination by phosphorus and potassium
- Forage quality

The [Cover Crop Selection Tool](#) is a work in progress and Shulamit Shroder welcomes feedback on its functionality and how it can be improved. She can be reached at [sashroder@ucanr.edu](mailto:sashroder@ucanr.edu).

## **Commission Promotes Ninth Annual California Avocado Month in June**

Summer 2020 marks the ninth year the California Avocado Commission (CAC) has celebrated California Avocado Month, showcasing the availability and versatility of the premium fruit during peak harvest in June. This year, with extended safer-at-home orders in states with the majority of California avocado distribution, the Commission placed renewed emphasis on recipes consumers can prepare at home. “Consumers are continuing to do more cooking at home and they are seeking recipes both for simple comfort foods and for ideas that break the boredom,” noted Jan DeLyser, CAC’s vice president marketing. “During California Avocado Month CAC is promoting recipes on both ends of the spectrum.”

The Commission partnered with Chef Jordan Kahn of Vespertine in Culver City (who was named “best new chef” in 2017 by Food & Wine Magazine) to create a variety of California avocado-centric recipe concepts. When the in-person California Avocado Month media preview event was cancelled in May, the Commission quickly pivoted and delivered Chef Kahn’s culinary creations and branded California avocado items to the homes of key Los Angeles media and influencers. These personalized deliveries were designed to generate excitement for peak California avocado season and inspire the influencers to share their love for their home-state fruit on their social channels.

To meet consumers’ penchant for healthy and creative California avocado recipes they can easily prepare at home, the Commission partnered with four award-winning chefs who developed recipes they felt would become the next hottest trend in avocados — in other words, the “next avocado toast.”

The Commission also partnered with 11 influential California Avocado Blogger Advocates. Throughout the month of June these advocates are publishing unique recipes, blogs posts and photography on their social channels while highlighting techniques that will help consumers prepare fresh California avocado snacks and meals at home.

CAC’s “Living Well” Brand Advocates will showcase the nutritious benefits of the fruit with recipes consumers can enjoy throughout the day. Registered dietitian nutritionist (RDN) Elizabeth Shaw is sharing California avocado recipes suited for any summer occasion — from backyard picnics to holiday celebrations — on her blog, social channels and ABC’s San Diego Connect. Culinary influencer Patty Mastracco will be a guest on Sacramento’s KTXL FOX40. During the two-part live television segment she will feature grilled California avocados as a great addition to classic summer recipes for the American summer holidays and beyond. RDN Manuel Villacorta crafted a recipe focused on a top health issue facing men

today: hearth health. His California Avocado Steak Sandwich Recipe provides consumers with a grilled summer alternative that can be served as a sandwich or salad.

Rounding out the California Avocado Month promotions are “The best avocados have California in them” advertising campaign, consumer emails, California Avocado Month posts on the Commission’s social media platforms and promotional videos. These assets will appear on streaming video, digital and social channels to reach consumers who continue to shelter at home and encourage them to seek out their favorite fruit during the peak of California avocado season.



*RDN Manuel Villacorta’s California Avocado Steak Sandwich is a delicious, grilled summer recipe.*

### **Artisan Chefs Present Their Versions of the “Next California Avocado Toast”**

Avocado toast is a hugely popular trend. So, as part of the California Avocado Commission’s California Avocado Month celebration, the Commission asked four renowned chefs to create recipes that they think represent the next big culinary avocado trend. Their challenge was to predict the “next avocado toast.”

Chef Jordan Khan of Vespertine in Los Angeles, who is known for his enigmatic creations, predicted that cold smoked avocados would become the next hot trend. “The cold smoking technique introduces a complex, smoky flavor that transforms the avocado without actually cooking it, allowing the diner to experience the fruit’s true texture,” he noted.

Chef Caroline Glover, of Annette in Denver forecast that grilled avocados would soon be on the rise — just in time for summer. “At my restaurant our mission is to honor food producers and nourish eaters,” said Glover. “When incorporating fresh California avocados into my recipes, I take pride in knowing that I’m honoring a fruit that was cultivated by a California grower with the same dedication to quality and freshness as me.”

Working with local, seasonal ingredients, Chef Charleen Badman of FnB Restaurant in Scottsdale, noted that avocados inevitably take center stage when combining and contrasting flavor profiles and predicted that pairing avocados with citrus and acids would be the next culinary trend. “Personally, I love pairing citrus and acid with creamy good fats, like

California avocados, “said Badman. “And with my roots in Southern California, I’ve always committed to using ingredients that are grown close to home.”

For an elevated twist on an all-time favorite, Chef Brad Cecchi of Canon in Sacramento, opted to turn avocado toast inside out. “Avocado toast will always be a staple dish, but we really wanted to showcase the shape and texture of the California avocado in its entirety, keeping both avocado halves perfectly intact and stuffing them with breadcrumbs and your favorite toppings,” said Cecchi.

Challenging artisanal chefs to predict the next avocado culinary trend garnered the interest of media and consumers alike. On June 1 the Commission distributed a press release to consumer and trade media featuring the chefs’ predictions. A mat release — a fast and effective means of delivering branded content to a wide audience in an advertorial article form — also was distributed.

By capitalizing on a current culinary favorite — avocado toast — and challenging popular, artisanal chefs to predict the next avocado foodie obsession, the Commission is increasing awareness of California Avocado Month and encouraging consumers to look for California avocados during peak season.



*Chef Brad Cecchi’s Deviled California Avocado is an inside-out version of avocado toast that showcases the shape and texture of the fruit.*

## California Market Trends

To view all market trend graphs, including “Weekly Volume Summary,” “Weekly Avocado Prices” and “U.S. Avocado Supply,” please visit: <http://www.californiaavocadogrowers.com/industry/market-statistics>.

|                        | Conventional #1             | Organic #1                  |
|------------------------|-----------------------------|-----------------------------|
| <b>California Hass</b> | <b>(Field Price Per Lb)</b> | <b>(Field Price Per Lb)</b> |
| #32's                  | \$1.26 - \$1.36             | \$1.50 - \$1.88             |
| 36's                   | \$1.26 - \$1.36             | \$1.50 - \$1.88             |
| 40's                   | \$1.26 - \$1.36             | \$1.62 - \$1.90             |
| 48's                   | \$1.26 - \$1.34             | \$1.98 - \$2.12             |
| 60's                   | \$0.96 - \$1.04             | \$1.68 - \$1.80             |
| 70's                   | \$0.58 - \$0.66             | \$1.38 - \$1.44             |
| 84's                   | \$0.32 - \$0.45             | \$0.46 - \$0.68             |

\*To subscribe to the Weekly Newslines, please contact the California Avocado Society at (949) 940-8869 or [www.CaliforniaAvocadoSociety.org](http://www.CaliforniaAvocadoSociety.org).

## California Avocado Commission Weekly Volume Summary (Pounds)

|                         | Week Ending 6/07/2020 | Season-to-Date (since 11/01/2019) | 2020 Year to Date    |
|-------------------------|-----------------------|-----------------------------------|----------------------|
| Hass                    | 12,560,081            | 196,610,259                       | 196,584,017          |
| Lamb                    | 55,088                | 78,375                            | 78,375               |
| Other (Greens)          | 67,453                | 1,112,970                         | 964,448              |
| <b>California Total</b> | <b>12,682,622</b>     | <b>197,801,604</b>                | <b>197,626,840</b>   |
| Florida                 | 86,185                | 10,326,848                        | 2,829,090            |
| Chile                   | 0                     | 2,525,666                         | 445,506              |
| Mexico                  | 33,956,374            | 1,391,820,990                     | 981,336,156          |
| Peru                    | 8,504,945             | 17,557,596                        | 17,557,596           |
| Other (Imports)         | 930,000               | 31,820,000                        | 23,380,000           |
| <b>Import Total</b>     | <b>43,391,319</b>     | <b>1,443,724,252</b>              | <b>1,022,719,258</b> |
| <b>USA Total</b>        | <b>56,160,126</b>     | <b>1,651,852,704</b>              | <b>1,223,175,188</b> |

## Sources:

California = CAC (AMRIC)

Florida = Florida Avocado Admin Committee

Chile = Comite de Paltas, Chile

Mexico = APEAM

Peru = ProHass

Other Imports = USDA AMS website

## Crop Statistics

Below are the weekly harvest projections and actuals through week ending 6/7/2020, where year-to-date volumes were nearly 202 million pounds. It is estimated that another 14 million pounds were harvested for week ending 6/14/2020, bringing the total year-to-date volume to over 215 million pounds. While weekly harvest for the past three weeks has lagged slightly behind both the 4-year and May 2020 handler projections, current harvest rates have brought the industry's supply and into balance and market stabilization has been seen over the past week. With 57% of the total volume already harvested, projections indicate the bulk of the remaining 373-million-pound crop should be harvested over the next 12 weeks. There is some thought that the crop size could be larger than 373 million pounds, therefore CAC management will continue to review, monitor and evaluate the available datasets to assess the California crop in an effort to provide the industry with the most accurate and timely statistics possible, and help ensure CAC's marketing programs



are supporting California growers and their fruit while product is in season.

| 2020 California Crop Weekly Harvest Projection    |                               |                           |                        |                     |                        |
|---|-------------------------------|---------------------------|------------------------|---------------------|------------------------|
| Weekly Crop Movement vs. Distribution Projections |                               |                           |                        |                     |                        |
| All Varieties                                     |                               |                           |                        |                     |                        |
| Week Ending<br>(CAC Week)                         | 4-Year Historical<br>Forecast | AMRIC Handler<br>Forecast | Industry Adjusted      |                     |                        |
|   | 2020<br>Crop Estimate         | May 2020<br>Update        | AMRIC<br>Harvest       | AMRIC<br>Shipments  | Crop Size<br>Indicator |
| <b>1st QTR SubTotal</b>                           | <b>46,970,300</b>             | <b>62,797,900</b>         | <b>62,632,891</b>      | <b>52,385,402</b>   |                        |
| Apr 5 - (23)                                      | 11,858,600                    | 8,175,100                 | 8,171,755              | 8,535,533           |                        |
| Apr 12 - (24)                                     | 14,345,000                    | 3,280,100                 | 3,257,189              | 8,875,433           |                        |
| Apr 19 - (25)                                     | 14,791,300                    | 16,324,000                | 16,296,294             | 11,211,317          |                        |
| Apr 26 - (26)                                     | 17,094,900                    | 17,554,500                | 17,513,455             | 14,014,625          |                        |
| May 3 - (27)                                      | 16,903,500                    | 11,154,600                | 18,194,552             | 16,110,313          |                        |
| May 10 - (28)                                     | 15,823,200                    | 14,518,800                | 17,998,300             | 13,870,356          |                        |
| May 17- (29)                                      | 16,312,500                    | 14,992,800                | 15,294,121             | 14,547,751          |                        |
| May 24 - (30)                                     | 17,923,700                    | 16,503,300                | 17,277,123             | 16,970,292          | 398,576,347            |
| May 31 - (31)                                     | 17,104,600                    | 15,730,400                | 12,498,986             | 15,429,058          | 389,695,883            |
| Jun 7 - (32)                                      | 15,110,000                    | 14,006,800                | 12,789,828             | 17,144,679          | 386,169,466            |
| Jun 14 - (33)                                     | 16,858,300                    | 15,688,800                | -                      | -                   |                        |
| Jun 21 - (34)                                     | 17,754,900                    | 16,487,600                | -                      | -                   |                        |
| Jun 28 - (35)                                     | 17,024,400                    | 15,751,400                | -                      | -                   |                        |
| Jul 5 - (36)                                      | 17,578,200                    | 14,163,600                | -                      | -                   |                        |
| Jul 12 - (37)                                     | 16,410,700                    | 13,601,000                | -                      | -                   |                        |
| Jul 19 - (38)                                     | 15,887,500                    | 13,216,300                | -                      | -                   |                        |
| Jul 26 - (39)                                     | 12,604,900                    | 10,511,000                | -                      | -                   |                        |
| Aug 2 - (40)                                      | 10,048,300                    | 9,870,500                 | -                      | -                   |                        |
| Aug 9 - (41)                                      | 8,464,600                     | 11,130,500                | -                      | -                   |                        |
| Aug 16 - (42)                                     | 7,533,300                     | 10,346,900                | -                      | -                   |                        |
| Aug 23 - (43)                                     | 6,154,000                     | 9,714,400                 | -                      | -                   |                        |
| Aug 30 - (44)                                     | 5,176,500                     | 8,160,400                 | -                      | -                   |                        |
| Sep 6 - (45)                                      | 3,233,000                     | 9,397,500                 | -                      | -                   |                        |
| Sep 13 - (46)                                     | 2,491,000                     | 5,722,600                 | -                      | -                   |                        |
| Sep 20 - (47)                                     | 2,436,000                     | 5,724,000                 | -                      | -                   |                        |
| Sep 27 - (48)                                     | 2,037,600                     | 4,783,700                 | -                      | -                   |                        |
| <b>4th QTR SubTotal</b>                           | <b>3,069,100</b>              | <b>3,691,500</b>          |                        |                     |                        |
| <b>Season-to-Date</b>                             | <b>204,237,600</b>            | <b>195,038,300</b>        | <b>201,924,494</b>     | <b>189,094,758</b>  |                        |
| <b>% of Crop</b>                                  | <b>55%</b>                    | <b>52%</b>                | <b>54%</b>             | <b>51%</b>          |                        |
| <b>Crop Size</b>                                  | <b>373,000,000</b>            | <b>373,000,000</b>        | <b>Left to Harvest</b> | <b>Left to Ship</b> |                        |
| <b>Crop Variance</b>                              | <b>(2,313,106)</b>            | <b>6,886,194</b>          | <b>171,075,506</b>     | <b>183,905,242</b>  |                        |

### Weather: 30-Day Outlook For California's Coastal & Valley Areas

(June 13 – July 3)

Summary- The prevailing pattern is a high pressure ridge west of N and Central California. We are expecting a southern storm track, although weak due to the season (summer). Troughs from the Dateline area will tend to redirect east-southeastward towards Hawaii, then drift ENE with showery fronts continuing to approach central and N California.

Weak and mainly dry fronts arriving from the W and WNW, fueled by the unusually active subtropical troughs, will tend to maintain interruption of the normal summer pattern of coastal low clouds, and eventually the summer monsoon. This will cause dry conditions in the S and E deserts. It will also contribute sunnier and warmer than normal days along the coast of California, including central and north.

Hot periods will still occur inland, as is normal for the season, but will tend to be brief, and interrupted by upper lows or troughs, and possibly a shower in mountains.

The MJO is in an inactive phase. However, numerical models continue to show well-defined fronts. Even if rain is sparse with these, the fronts should produce gusty winds in mountain areas of N and Central California, with unstable air masses. This may result in an increased risk of vigorous fires, when the forest fuels dry out some more.

The next rains appear to occur about 12-13th, 17-19, 23-24th. Rain amounts will most likely be small, but sunnier days follow these fronts, warmer than normal days at the coast, and about normal temperatures inland valleys, and the SOCAL Deserts, overall.

We suggest near or a little below normal rainfall for July in most areas. The westerlies tend to be dry in summer because they minimize development of the moist SE flow events of the summer monsoon.

**Potential Dates of Precipitation (from Fox Weather's CFSDAILYAI system):**

**Salinas Valley-San Luis Obispo Co- S SierraNV:**

Salinas Valley: Precipitation: Central Coast: Drizzle: 6/12-13, 6/18-19, 6/24.

Salinas Valley Hot/Cool spells: Cool 6/12-13, Warm 6/15-16, Cool 6/18-19, Warm 6/21-22, Cool 6/23-24, Warm 25-29, Cool 6/30-7/3, Warm 7/5-6, 7/11-13.

San Luis Ob/Edna: Precipitation: None of significance other than drizzle 6/12-13, 6/19, 6/24. Hot/Cool spells: Cool 6/12-13, Warm 6/15-16, Cool 6/18-19, Warm 6/21-22, Cool 6/23-24, Warm 25-29, Cool 6/30-7/3, Warm 7/5-6, 7/11-13.

**Southern California Citrus/Avocado Area, San Luis Obispo Co to San Diego Co:**

Santa Barbara, Ventura to San Diego Co: No rainfall of consequence for SOCAL coastal counties from June 13-27.

Santa Barbara Co Hot/Cool spells: Cool 6/12-13, Warm 6/15-16, Cool 6/18-19, Warm 6/21-22, Cool 6/23-24, Warm 25-29, Cool 6/30-7/3, Warm to Hot 7/5-6, 7/11-13.

Ventura Co Hot/Cool spells: Cool 6/12-13, Warm 6/15-16, Cool 6/18-19, Warm 6/21-22, Cool 6/23-24, Warm 25-29, Cool 6/30-7/3, Warm to Hot 7/5-6, and 7/11-13. Cool periods will tend to have deeper marine layer, mild afternoons inland, and some coastal eddies. Hot periods will tend to have fog hugging the coast but a shallow marine layer, with hot conditions in the higher foothills above 2000 ft elevation.

San Diego/Orange Hot/Cool spells: Cool 6/12-13, Warm 6/15-16, Cool 6/18-19, Warm 6/21-22, Cool 6/23-24, Warm 25-29, Cool 6/30-7/3, Warm to Hot 7/7-7/14. Cool periods will tend to have deeper marine layer, mild afternoons inland, and some coastal eddies. Hot periods will tend to have fog hugging the coast but a shallow marine layer, and hot conditions in the higher foothills above 2000 ft elevation.

**Summary – June 28 – July 28...** In Northern and Central California, Warmer and drier than normal after June 24. Hot/Cool spells: Cool 6/23-24, Warm 25-29, Cool 6/30-7/4. Warm or hot 7/5-6, 7/11-13.

San Luis Obispo Co: Hot/Cool spells after June 23. Cool 6/23-24. Warm 25-29, Cool 6/30-7/3, Warm 7/5-6, 7/11-13. Warm spells will tend to have shallower marine layer and hot conditions in the foothills and inland valleys/Paso Robles and in foothills above Edna Valley at 1500-2000 ft elevation.

Southern California... Precipitation: Drier than normal. Hot/Cool spells after June 28. Cool 6/30-7/3, Warm to Hot 7/7-7/14. Cool periods will tend to have deeper marine layer, mild afternoons inland, and some coastal eddies.

**Seasonal Outlook July 28 – August 31...** Northern and Central California overall pattern.... Near normal rainfall (minimal). Above normal temperatures occur during all of July and all of August. Usual thunderstorms (TSTMS) in the central and N Sierra and Plateau.

Southern California: San Luis Obispo Co, Santa Barbara Co, and Ventura to San Diego Counties east through Los Angeles to San Bernardino, Riverside and Imperial Counties.... Due to the lack of winds, and early start to above normal sea surface temperature along the SOCAL coast, watch for some unusually high sea surface temperature again this summer in SOCAL. Bight area will see warm humid nights and some muggy days near the beaches. Weak troughs and upper lows will intermittently develop and deepen the marine layer as is normal for summer.

For SOCAL: Looking further ahead into Sept – Nov, dry and persistently warmer than normal conditions develop during the late Sept through Nov Santa Ana season.

For NORCAL: Sept-Nov: Latest CFSv2 suggests an early start to the rainy season in October for northcentral and N California, including the Bay Area and Santa Clara Co. Some of these early rains may reach into San Luis Obispo Co in Oct.

November appears to return to warm and dry conditions with recurrent offshore flow in N California and warm, recurrent Santa Anas in SOCAL.

Alan Fox...Fox Weather, LLC

Copyright © 2020, Fox Weather, LLC, Used by permission.