



# COUNTY OF SAN MATEO DEPARTMENT OF EMERGENCY MANAGEMENT



## Emergency Services Council Meeting

\*\*IN-PERSON WITH REMOTE PUBLIC PARTICIPATION AVAILABLE\*\*

June 11, 2025 5:30 PM – 7:00 PM

**Regional Operations Center  
501 Winslow Street, Redwood City CA 94063**

Join Zoom Meeting

<https://smcgov.zoom.us/j/81975236876?pwd=FeIjdSKX5a0zLmYMGZKUb7Wlk4TNs9.1>

Meeting ID: 819 7523 6876

Passcode: 6503634790

Dial by your location

+1 669 900 6833 US (San Jose)

### AGENDA

- |  |                      |
|--|----------------------|
| 1. Roll Call (2 minutes)   | Vice Chair           |
| 2. Public Comments, Correspondence, Announcements (3 minutes)        | Clerk                |
| 3. Action to Set Agenda and Approve Consent Agenda Items (5 minutes) | Vice Chair           |
| 4. SMC Mosquito & Vector Control District Update (10 minutes)        | Guest (Virtual)      |
| 5. Public Health Update (10 minutes)                                 | Guest                |
| 6. Fire Season Outlook (30 minutes)                                  | Guest                |
| 7. Wildfire Prevention Collaboration (10 minutes)                    | Guest                |
| 8. Director's Update (10 minutes)                                    | Director             |
| 9. Report Outs Related to Emergency Services Council (10 minutes)    | Vice Chair & Members |

### Consent Items

*All items on the consent agenda are approved by one action unless a request is made at the beginning of the meeting that an item be withdrawn or transferred to the regular agenda. Any item on the regular agenda may be transferred to the consent agenda.*

- Approval of April 16, 2025 meeting minutes

- |                 |            |
|-----------------|------------|
| 10. Adjournment | Vice Chair |
|-----------------|------------|

*Meetings are accessible to people with disabilities. Individuals who need special assistance or a disability-related modification or accommodation (including auxiliary aids or services) to participate in this meeting, or who have a disability and wish to request an alternative format for the agenda, meeting notice, agenda packet or other writings that may be distributed at the meeting, should contact the Agenda Administrator of the Emergency Services Council at least 2 working days before the meeting at (650) 363-4790 and/or [DEM\\_DutyOfficer@smcgov.org](mailto:DEM_DutyOfficer@smcgov.org). Notification in advance of the meeting will enable the County to make reasonable arrangements to ensure accessibility to this meeting and the materials related to it. Attendees to this meeting are reminded that other attendees may be sensitive to various chemical based products.*

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**COUNTY OF SAN MATEO  
DEPARTMENT OF EMERGENCY MANAGEMENT**



Emergency Services Council Committee Meeting

April 16<sup>th</sup>, 2025

This meeting was called to order at 17:30 by Council Chair Lisa Gauthier.

I. Roll Call

Atherton	Council Member Hawkins-Manuelian	Not Present
Belmont	Council Member McCune	Present
Brisbane	Council Member Lentz	Present
Burlingame	Council Member Stevenson	Not Present
Colma	Council Member Slaughter	Not Present
Daly City	Council Member Sylvester	Present
East Palo Alto	Council Member Barragan	Present
Foster City	Council Member Niederhofer	Present
Half Moon Bay	Council Member Jonsson	Present
Hillsborough	Council Member Chuang	Not Present
Menlo Park	Council Member Combs	Not Present
Millbrae	Council Member Rainaldi	Present (Virtual)
Pacifica	Council Member Boles	Present
Portola Valley	Council Member Hufty	Not Present
Redwood City	Council Member Eakin	Present
San Bruno	Council Vice Chair Medina	Present
San Carlos	Council Member Dugan	Not Present
San Mateo	Council Member Newsom	Present
South San Francisco	Council Member Flores	Present
Woodside	Council Member Goeld	Present
County of San Mateo	Council Chair Gauthier	Present

Roll call was taken and a quorum was confirmed.

Attending Agency Representatives:

- Deputy County Executive Ely, County Executive’s Office
- Director Dhapodkar, San Mateo County Emergency Management

- Assistant Director Reynolds, San Mateo County Emergency Management
  - Clerk of the Committee Jen, San Mateo County Emergency Management
  - Secretary of the Committee Mak, San Mateo County Emergency Management
- II. Public Comments and Announcements
- No comments
- III. Approval of the Agenda
- Approved without objection
- IV. San Mateo Consolidated Fire District (“Consolidated”) HazMat Program Presentation – Chief Jeff Thorne
- Chief Thorne reported that Consolidated oversees San Mateo County’s only HazMat response team. The 33-member team, spread across nine stations, responds to 30 to 35 large-scale incidents annually.
  - Chief Thorne raised the concern about limited mutual aid capacity, as neighboring cities have more teams but are often occupied with their local responses.
  - Rising challenges include life sciences labs, lithium-ion batteries, underregulated exotic chemical transport, and violent events. The team aims to upgrade from Type II to Type I certification by end of 2025 to expand terrorism response capability, requiring new equipment.
  - Consolidated’s aging primary response vehicle is over 15 years old. Replacement costs \$1.8M to \$2.2M and would take over 5 years due to supply chain delays and limited manufacturers.
  - City of Pacifica asked if Consolidated receives funds from fees or fines. Chief Thorne confirmed Consolidated does not receive funding from fines or service fees, nor do they charge businesses or residents. Deputy County Executive Ely suggested exploring voluntary contributions from biotech firms and BART.
- V. SMC EM Proposed Budget 2025-26 – Vote Required
- Director Dhapodkar noted funding challenges and future uncertainty due to federal grant cuts and increasing costs. The SMC EM 2024-25 budget is ending different than predicted. SMC EM reviewed all budget items, with estimated cost savings of \$750K.
  - Director Dhapodkar explained the FY 2025-26 proposed budget of \$4.7M. The proposed contributions are as follows: County 35%, Cities 35%, Grants 15%, SFO 9%, Trust Fund and Reserve 6% (\$300,000). Director Dhapodkar noted the actual grant contributions are uncertain and thanked City of Daly City for sharing the Local Hazard Mitigation Plan (LHMP) grant. SMC EM is engaging with regional parties for financial assistance.
  - The proposed budget will continue to support the LHMP, HazMat response, alert and warning, trainings and exercises, emergency management planning, recovery, community outreach, etc. Operational communication, direct copper lines to the EOC, has been reinstated in the budget (\$400K).

- Director Dhapodkar estimates \$1.8M to \$2.2M will be needed over the next 5 to 6 years for a replacement HazMat vehicle (\$1.5M to \$1.9M) for San Mateo Consolidated Fire and a replacement Environmental Health lab vehicle (\$0.3M). Consolidated will maintain the HazMat apparatus, but it will belong to JPA.
- Director Dhapodkar recommends that ESC allocate \$150K/year from the Trust Fund for 5 to 6 years to a Vehicle Replacement Sinking Fund, raising \$ 750K. The remaining \$400K may come from the reserve, trust fund, and additional grants.
- The City of Redwood City questioned the 20 to 25% increase in city spending. Director Dhapodkar responded that the annual increase is usually 15%, the projected increase was 50%, but SMC EM was able to cut costs and reduce it to 20 to 25%.
- No Public Comments
- A motion to adopt a budget of \$4.7 million with the withdrawal of \$300K total from the Trust Fund and reserves was made by Council Member Sylvester of the City of Daly City. Council Member Niederhofer, City of Foster City, seconded this motion. The motion passed unanimously.

VI. Ladriss Evacuation Modeling Presentation – Leo Zlimen, CEO

- Mr. Zlimen explained Ladriss' evacuation modeling capabilities for practice drills and performance data. This capability will be ready by the end of the year. Each city will receive two user licenses with training and support.

VII. Director's Update

- The All Hazard Evacuation Plan base plan has been distributed to city law and fire agencies for review and feedback.
- Recent SMC EM events include a wildfire tabletop exercise with Ladriss and a Tsunami Awareness Week campaign with partner agencies. The Be Wildfire Safe and Ready event is approaching on April 26.
- SMC EM held a CRISP Stakeholder Follow-up Meeting and closed CRISP. The project is now with Supervisor Mueller's office to advocate for funding.
- This year, SMC EM has reached 900 people through community outreach events, contributing to a 17% increase in SMC Alert signups.

VIII. Members Report

- City of Pacifica shortlisted for a \$50M sea wall grant at Sharp Park and will have a presentation at the Pacifica Council Chamber Meeting on April 29<sup>th</sup>.
- City of South San Francisco acquired a new fire boat at Oyster Point Ferry Terminal, which will support SFO incidents as well.

IX. Adjournment

- The meeting was adjourned at 18:50.

X. Announcement of the next meeting: June 11<sup>th</sup>, 2025.

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**COUNTY OF SAN MATEO**  
**EMERGENCY**  
**MANAGEMENT**

Dr. Shruti Dhapodkar  
Director

County Government Center  
501 Winslow Street  
Redwood City, CA 94063  
(650) 363-4790  
[www.smcgov.org/dem](http://www.smcgov.org/dem)

Date: June 11, 2025  
To: Emergency Services Council (ESC)  
Cc: Adam Ely, Deputy County Executive  
From: Dr. Shruti Dhapodkar, Director  
Subject: Director's Update

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SMC Emergency Management (SMC EM) is actively leading several initiatives to strengthen emergency preparedness and build long-term resilience for the County. Key projects include the development of the All Hazards Evacuation Plan (AHEP), the County of San Mateo Emergency Operations Plan (EOP), and Operational Area (OA) community outreach activities designed to enhance public readiness.

- SMC OA and jurisdictional partners have identified points of contact for the All Hazards Evacuation Plan Work Group (AHEP WG), which will begin its efforts with a Ladriss Educational Session and a separate training session on Thursday, June 12, 2025. The Educational Session will introduce Ladriss's Evac-1 capabilities to support local evacuation planning.

The AHEP WG will meet both in-person and virtually to receive planning materials and discuss key topics such as evacuation route identification, bottleneck areas and hazards identification, and traffic control points. These discussions will highlight best practices that AHEP WG members can take back to their respective communities, agencies, or departments to support the development of localized evacuation plans. Evacuation drills and exercises will be planned across the OA and with participating partners in 2026 to test these plans and further advance the evacuation planning cycle.

- On Tuesday, April 15, 2025, SMC EM hosted the San Mateo County Emergency Operations Plan (EOP) Kickoff Meeting to begin updating the EOP base plan. The meeting introduced the project of the Planning Group, which includes approximately 15 external partners. Following the kickoff, a two-week review period allowed planning members to review and give feedback on the EOP base plan.

On Tuesday, May 20, 2025, SMC EM held a second meeting to review and discuss key themes and feedback during the initial review period.

The next major meeting for the EOP project is the Access and Functional Needs (AFN) Planning Workshop scheduled for Thursday, June 12, 2025. This workshop will focus on AFN considerations related to evacuation, resource coordination, and communication outreach.

After the AFN Planning Workshop, there will be a second draft review period starting in late June and ending in early July.

- SMC EM partnered with the California National Guard's 95<sup>th</sup> Civil Support Team (CST) to co-host one of the event days of BayEx 2025. BayEx 2025 was a five-day exercise that spanned seven locations across the Bay Area and focused on strengthening emergency response capabilities in the event of a chemical, biological, radiological, or nuclear (CBRN) terrorism incident.

After more than six months of preparation, this full-scale exercise brought together over 160 participants from nearly 20 agencies. It was a valuable opportunity for SMC personnel to train collaboratively with their local partners and state and federal counterparts.

- SMC EM continues prioritizing collaboration with stakeholders and the community to enhance regional resilience and preparedness. SMC EM continues strengthening the County's capacity to respond to evolving emergency challenges through sustained partnerships and community engagement.

In April and May 2025, SMC EM hosted and participated in four wildfire preparedness events in partnership with North County Fire Authority, local law enforcement agencies, and the County Board of Supervisors. These events – held in Pacifica, Brisbane, Daly City, and the San Mateo County Event Center – drew a combined total of 474 community member participants.

The outreach events focused on wildfire awareness, personal preparedness, and emergency readiness. Attendees received resources including preparedness calendars, first aid kits, and space blankets. Community members also completed an online SMC EM preparedness assessment survey and received emergency preparedness prizes such as hand-crank radios, solar lanterns, and solar power banks.

These efforts reflect SMC EM's ongoing commitment to building a well-informed, resilient community capable of facing future emergencies.

- SMC EM will host an interactive Alert & Warning Seminar on Wednesday, July 9, 2025, from 9:30 AM – 11:30 AM, featuring Dr. Jeanette Sutton, a nationally recognized expert in emergency alerts and warnings. The seminar will highlight historical alerting efforts within San Mateo County and introduce a newly developed message library created by SMC EM and reviewed by Dr. Sutton. Designed for local response partners, the seminar will also explore best practices in alerting to enhance public safety communication and coordination during emergencies. This event aims to strengthen regional preparedness and improve the effectiveness of emergency messaging across agencies.



# Emergency Services Council Meeting

June 11, 2025





# Agenda

1

**Roll Call**  
Vice Chair

2

**Public Comments, Correspondence,  
Announcements**  
Clerk

3

**Action to Set Against and Approve  
Consent Agenda Items**  
Vice Chair

4

**SMC Mosquito & Vector Control Update**  
Guest (Virtual)

5

**Public Health Update**  
Guest

6

**Fire Season Outlook**  
Guest

7

**Wildfire Prevention Collaboration**  
Guest

8

**Director's Update**  
Director

9

**Report Outs Related to  
Emergency Services Council**  
Vice Chair



1

# Roll Call

Vice Chair Medina



2

# Public Comments, Correspondence, Announcements

Clerk Jen



3

## Action to Set Against and Approve Consent Agenda Items

Vice Chair Medina



Public Health Risks

Heat

Air Quality

Wildfire Risk

Drownings





4

# SMC Mosquito & Vector Control Update

Rachel Curtis-Robles, PhD



# San Mateo County Mosquito and Vector Control District

Rachel Curtis-Robles, PhD  
Public Education and Outreach Officer



# Who We Are

- Taxpayer-funded independent special district
- State-certified vector control technicians
- Mission - To safeguard the health and comfort of the people of San Mateo County through a planned program to monitor and reduce mosquitoes and other vectors.





# Our Work

(Integrated Vector Management)



**Mosquito control**



**Mosquitofish**



**Insect and tick ID**



**Rodent inspections**



**Yellowjacket control**



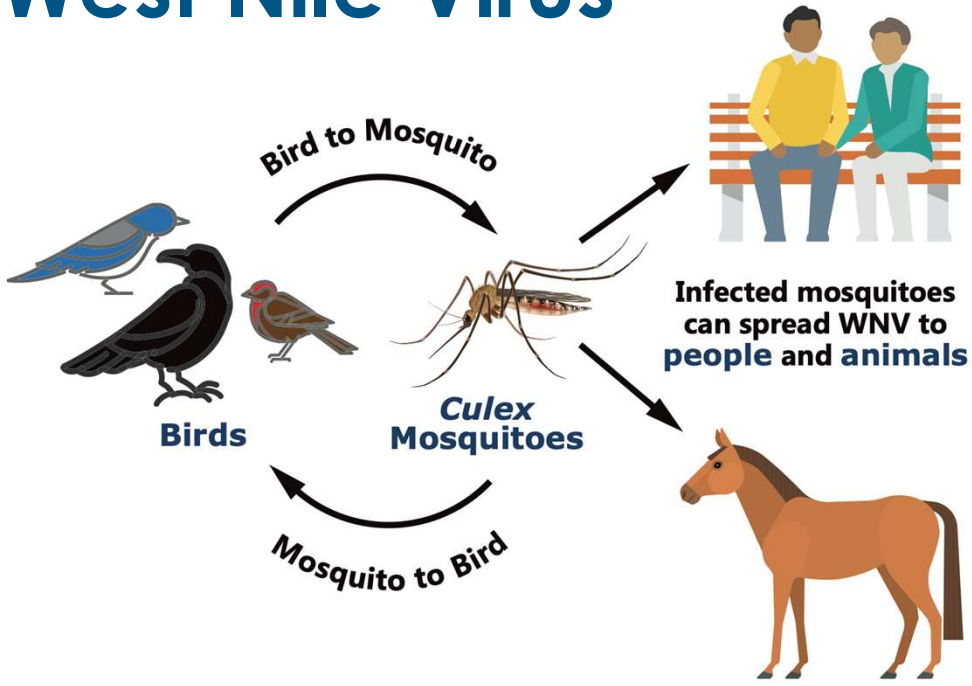
**Community education**



**Disease surveillance**

**There is no charge for individual services;  
services are paid for by tax revenues**

# West Nile Virus



## REPORT DEAD BIRDS

westnile.ca.gov • 1-877-WNV-BIRD (1-877-968-2473)

Dead bird reports are often the first sign that West Nile virus is active in an area.

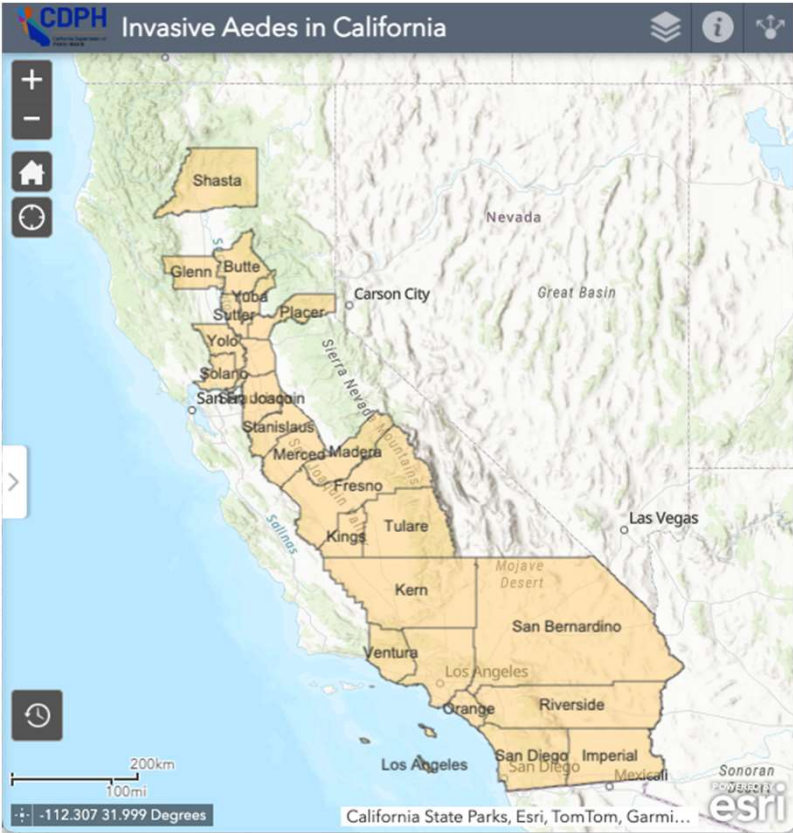
SAN MATEO COUNTY  
MOSQUITO & VECTOR  
CONTROL DISTRICT

www.smcmvcd.org



# Invasive *Aedes aegypti* Mosquitoes

- Spreading throughout California
- Small, aggressive biters
- Can spread dengue, Zika, and other diseases



## REPORT BITING MOSQUITOES

Your reports help us protect public health



**650-344-8592**  
[www.smcmvcd.org](http://www.smcmvcd.org)

SAN MATEO COUNTY  
MOSQUITO & VECTOR  
CONTROL DISTRICT

# Tick Bite Prevention Education





SMCMVCD

# OPEN HOUSE

21 June 2025  
12-4pm

1351 Rollins Road  
Burlingame



Kid-friendly activities

Equipment displays

Light refreshments

Insect displays

Visit [smcmvcd.org](http://smcmvcd.org)  
for more information



SAN MATEO COUNTY  
MOSQUITO & VECTOR  
CONTROL DISTRICT

# Questions? Don't be shy!

[www.smcmvcd.org](http://www.smcmvcd.org)

650-344-8592

Available for presentations  
on a variety of topics – just  
reach out!





5

# Public Health Update

Dr. Kismet Baldwin-Santana



**SAN MATEO  
COUNTY HEALTH**  
All together better.

# EMERGENCY SERVICES COUNCIL MEETING PUBLIC HEALTH UPDATE

**KISMET BALDWIN-SANTANA, MD, MPH**  
**COUNTY HEALTH OFFICER**

# HEAT

- Expecting several high temperature days in upcoming season
  - Cal Adapt- interactive tool estimates 4-5 extreme heat days per year with the number going up to as much as 10 days by 2035
  - <https://cal-adapt.org/tools/local-climate-change-snapshot/>
- County Health epidemiology team monitoring ED visits during high temperature/extreme heat days
- Working with public health preparedness to assess when and if programs working with vulnerable populations alert and prepare them for forecasted heat events

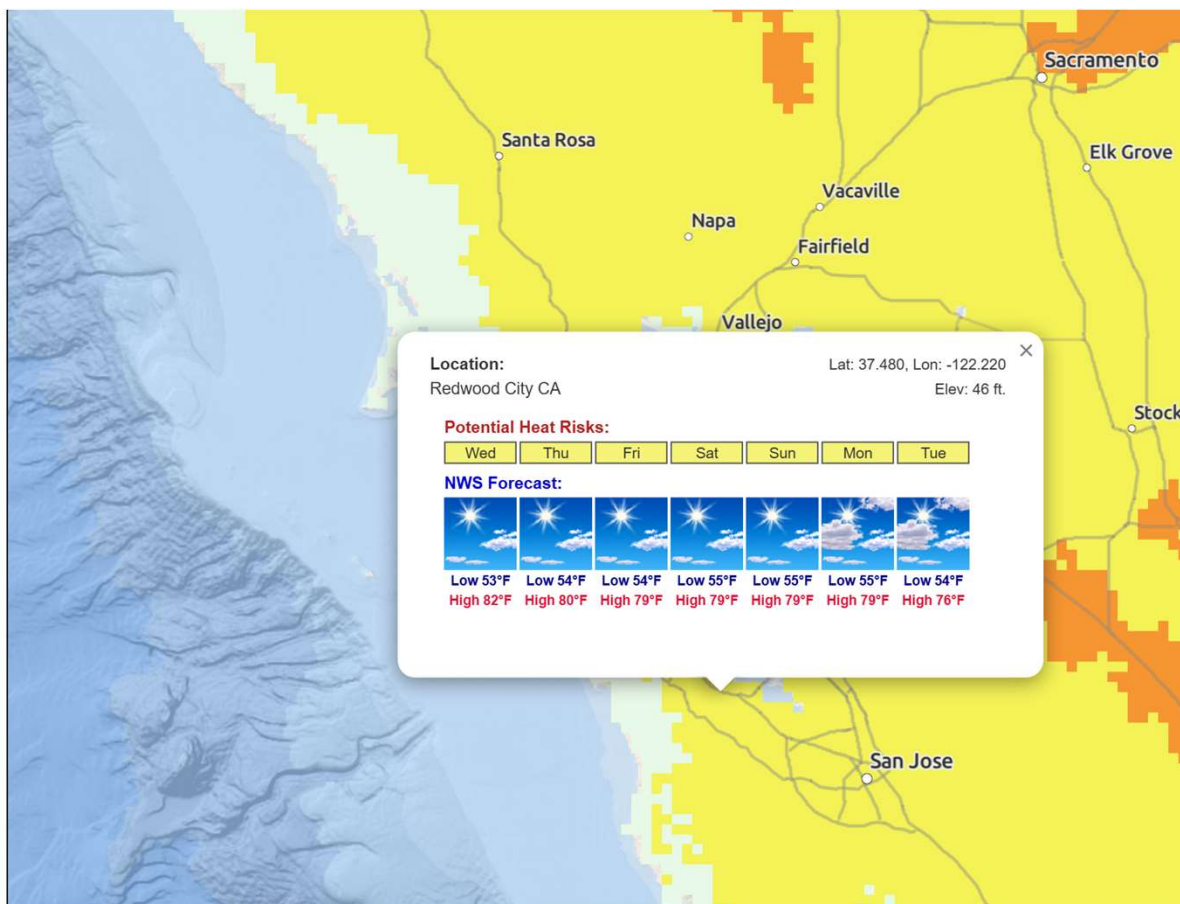


# National Weather Service

National Oceanic and Atmospheric Administration

## NWS HeatRisk

Category	Risk of Heat-Related Impacts
Green 0	Little to no risk from expected heat.
Yellow 1	Minor - This level of heat affects primarily those individuals extremely sensitive to heat, especially when outdoors without effective cooling and/or adequate hydration.
Orange 2	Moderate - This level of heat affects most individuals sensitive to heat, especially those without effective cooling and/or adequate hydration. Impacts possible in some health systems and in heat-sensitive industries.
Red 3	Major - This level of heat affects anyone without effective cooling and/or adequate hydration. Impacts likely in some health systems, heat-sensitive industries and infrastructure.
Magenta 4	Extreme - This level of rare and/or long-duration extreme heat with little to no overnight relief affects anyone without effective cooling and/or adequate hydration. Impacts likely in most health systems, heat-sensitive industries and infrastructure.



# Heat Impacts: Vulnerable Populations



**PREGNANT**



**NEWBORNS**



**CHILDREN**



**ELDERLY**



**CHRONIC ILLNESS**

Everyone is at risk from the dangers of extreme heat, but these groups are more vulnerable than most. Age and certain conditions make the body less able to regulate temperature.



NEVER leave anyone alone in a closed car



Use air conditioners and stay in the shade



Drink plenty of water, even if not thirsty



Wear loose-fitting, light-colored clothing

# Extreme Heat Planning Timeline

## Pre-Season

Start planning before hot weather arrives.

- ✓ Build an emergency kit
- ✓ Make a plan for power outages
- ✓ Become trained in first aid for heat-related emergencies
- ✓ Check that your A/C and fans are in working order

## A Few Days Out

If the forecast calls for extreme heat, be ready.

- ✓ Gather food, water, and medication
- ✓ Make a list of friends and family to check on & help them prepare
- ✓ Know your local cooling shelters or other cool locations
- ✓ Reschedule outdoor events

## During and After

Remain vigilant and stay informed.

- ✓ Stay in air conditioning and out of the sun if possible
- ✓ Check on friends, family, neighbors, and pets
- ✓ Drink plenty of water
- ✓ Take breaks and use a buddy system if working outdoors

SMC EM maintains a list of [public air-conditioned spaces in San Mateo County](#)

weather.gov



# AIR QUALITY

- Ozone and fine particle pollution (PM2.5), are the major regional air pollutants of concern in the San Francisco Bay Area.
  - Ozone is primarily a problem in the summer
  - Fine particle pollution in the winter
- According to the Bay Area Air Quality Management District:
  - In San Mateo County, ozone almost never exceeds health standards, and PM2.5 exceeds the national standard only on about one day each year
- Currently collaborating with various community-based organizations and County Sustainability Department to provide educational materials on the health effects of poor air quality and ways to mitigate the effects
- Epidemiology team looking at ED visits and poor air quality days

# AIRNOW

**AirNow**    AirNow    AQI & Health    Fires    Maps & Data

**AQI Legend**

**Current Air Quality 10 PM PDT Jun 3**  
**57 NowCast AQI**    **PM2.5**  
**Moderate**

Forecast AQI: Today (Moderate), Tomorrow (Good), [More](#)

### Current Air Quality

Updated 10:00 pm PDT, Jun 3

**Primary Pollutant**  
 This pollutant currently has the highest AQI in the area.

PM2.5 **57** Moderate

If you are **unusually sensitive** to particle pollution, consider reducing your activity level or shorten the amount of time you are active outdoors.

No Other Pollutants Available

### Air Quality Forecast

Forecast courtesy of Bay Area Air District

Today	Tomorrow	Thursday	Friday	Saturday	Sunday
<b>64</b> Moderate PM2.5	<b>50</b> Good PM2.5	<b>50</b> Good PM2.5	<b>50</b> Good PM2.5	<b>50</b> Good PM2.5	<b>50</b> Good OZONE

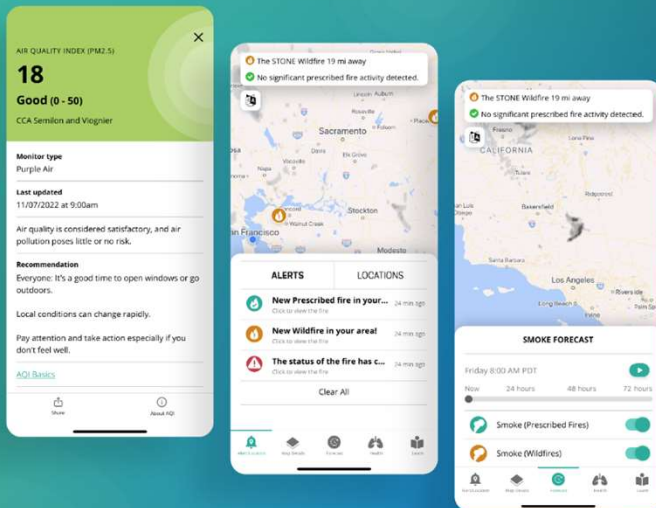
**Primary Pollutant**  
 This pollutant currently has the highest forecasted AQI in the area.

PM2.5 **64** Moderate

If you are **unusually sensitive** to particle pollution, consider reducing your activity level or shorten the amount of time you are active outdoors.

**Other Pollutants**  
 No Other Pollutants Available

# CALIFORNIA AIR RESOURCES BOARD



California  
Smoke Spotter

Helping Californians  
prepare for fire & smoke



Air quality index and forecasts

Information about wildfires, prescribed fires, and smoke

Health impacts of smoke

Guidance for how to protect yourself

# Protect Yourself from Smoke



Check  
air quality



Close windows  
& doors



Run AC  
on recirculate  
with a new filter



Use a  
CARB-certified  
air cleaner



Avoid vacuuming,  
frying food or  
using gas-powered  
appliances



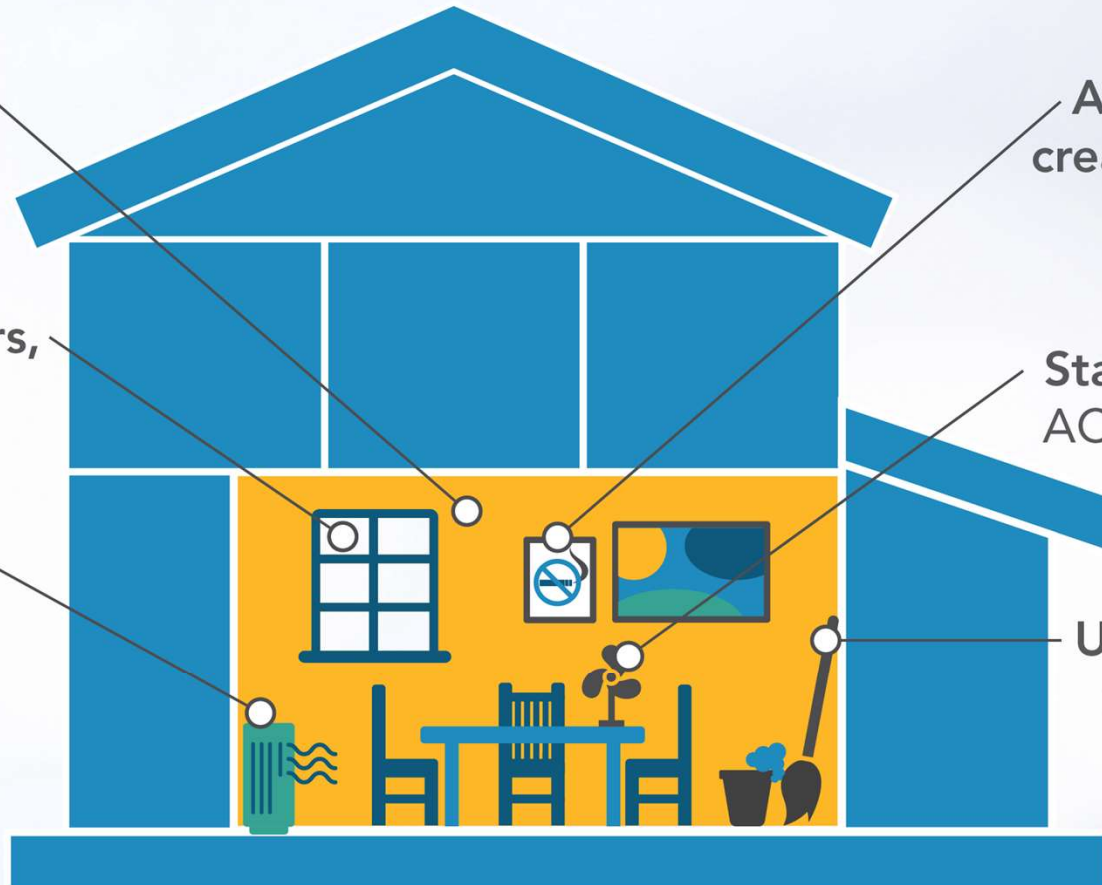
Wear an  
N95 mask

# Create a Cleaner Air Space

**Choose a room that fits everyone** and is comfy enough to spend time in.

**Close windows and doors,** but do not block exits.

**Filter the air.** Use a certified portable air cleaner and run continuously on the highest setting.



**Avoid activities that create smoke** or other particles indoors.

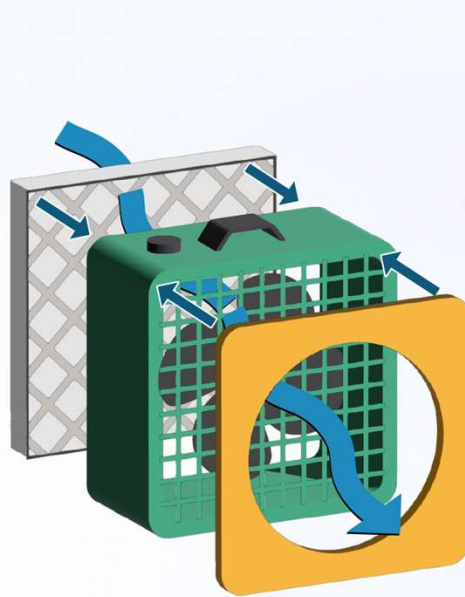
**Stay cool.** Run fans or AC on recirculate with a new filter.

**Use a damp cloth or mop** to trap settled dust and particles.

# DIY Air Cleaner Designs

## Materials

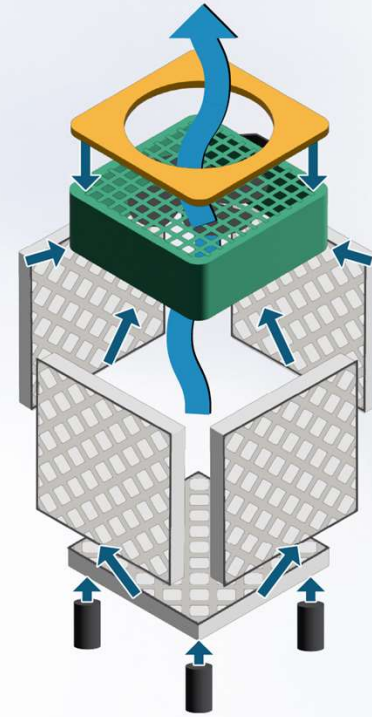
- 20" x 20" box fan (2012 model or newer)
- 20" x 20" MERV 13 air filters (1-5 depending on design)
- Duct tape or bungee cords
- Optional: Cardboard for shroud



Good



Better



Best

# INFECTIOUS DISEASES

- H5N1
  - Significant decline in cattle, poultry cases since Jan. 2025
  - No human cases since Jan. 2025
  - California Dept. of Public Health has deactivated their Medical Health Coordination Center as of April 2025
  - Risk to the general public remains low
- Measles
  - Several cases in California
  - No connections to other outbreaks in the US
  - Many related to overseas travel
  - 1 case in SMC
- COVID-19
  - Very low SARS-CoV-2 during the 2024-2025 respiratory virus season
  - Anticipated surge this summer



6

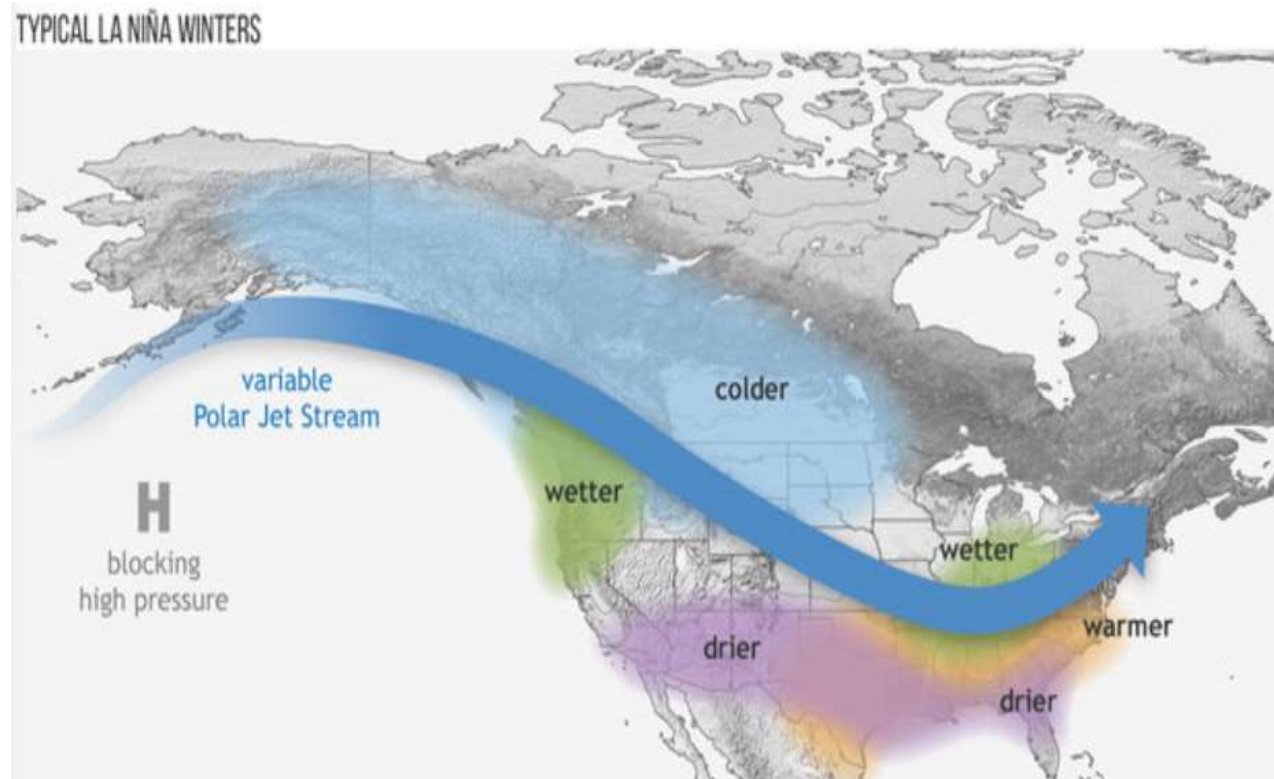
# Fire Season Outlook

Battalion Chief Alex Pino



*2025  
Seasonal  
Assessment*

## Winter 2024 – 2025 Was Forecasted for a La Niña Pattern

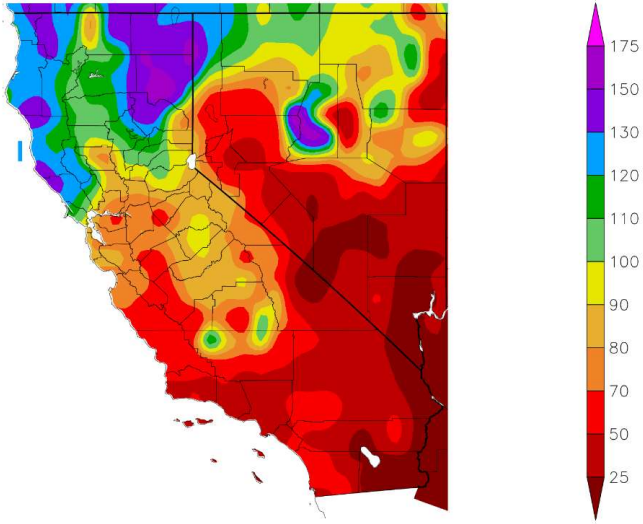


Generally cooler across the western US with normal to above normal precipitation for the northern portions and below normal for southern portions.

**56 atmospheric rivers** made landfall  
over the U.S. West Coast during Water Year 2024



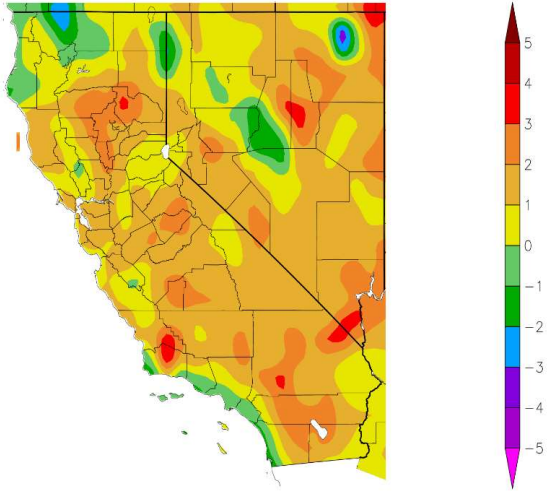
Percent of Normal Precipitation (%)  
10/1/2024 - 4/20/2025



Generated 4/21/2025 using provisional data.

ACIS Web Services

Departure from Normal Temperature (F)  
10/1/2024 - 4/20/2025



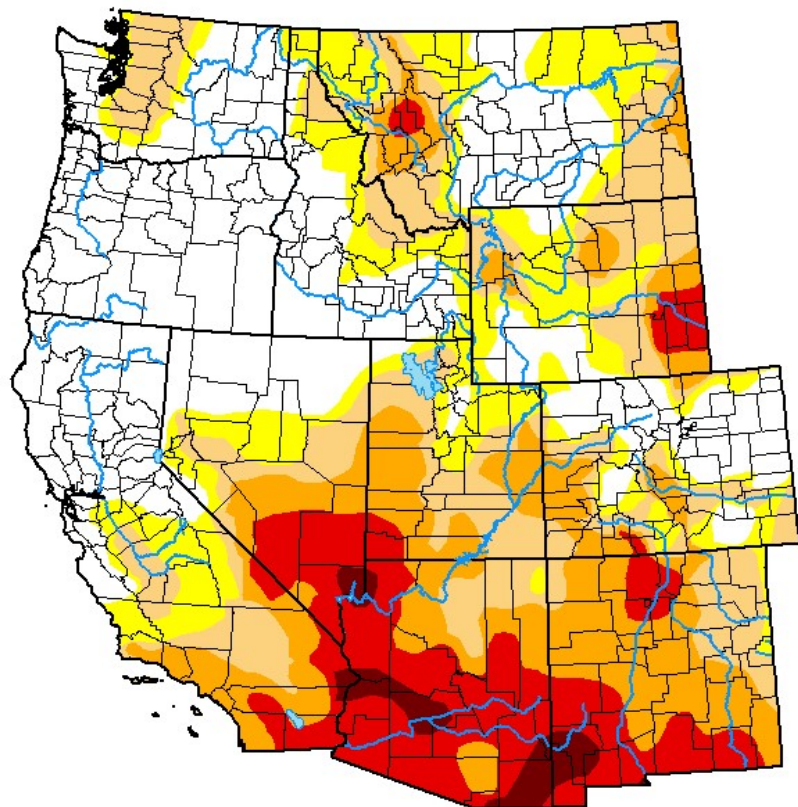
Generated 4/21/2025 using provisional data.

ACIS Web Services

# Winter Water and Temperatures Recap

# U.S. Drought Monitor West

**April 15, 2025**  
(Released Thursday, Apr. 17, 2025)  
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	34.54	65.46	49.38	30.54	14.12	1.88
<b>Last Week</b> <i>04-08-2025</i>	35.25	64.75	49.04	30.08	14.01	1.21
<b>3 Months Ago</b> <i>01-14-2025</i>	32.97	67.03	39.27	23.21	6.87	0.00
<b>Start of Calendar Year</b> <i>01-07-2025</i>	32.22	67.78	39.02	20.30	6.87	0.00
<b>Start of Water Year</b> <i>10-01-2024</i>	20.06	79.94	37.38	9.85	2.47	0.11
<b>One Year Ago</b> <i>04-16-2024</i>	55.13	44.87	20.16	6.75	1.91	0.36

**Intensity:**



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

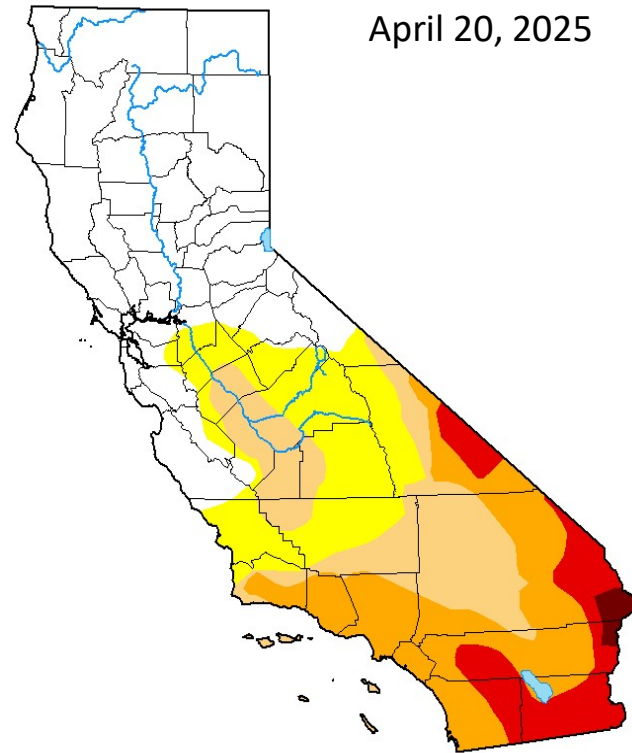
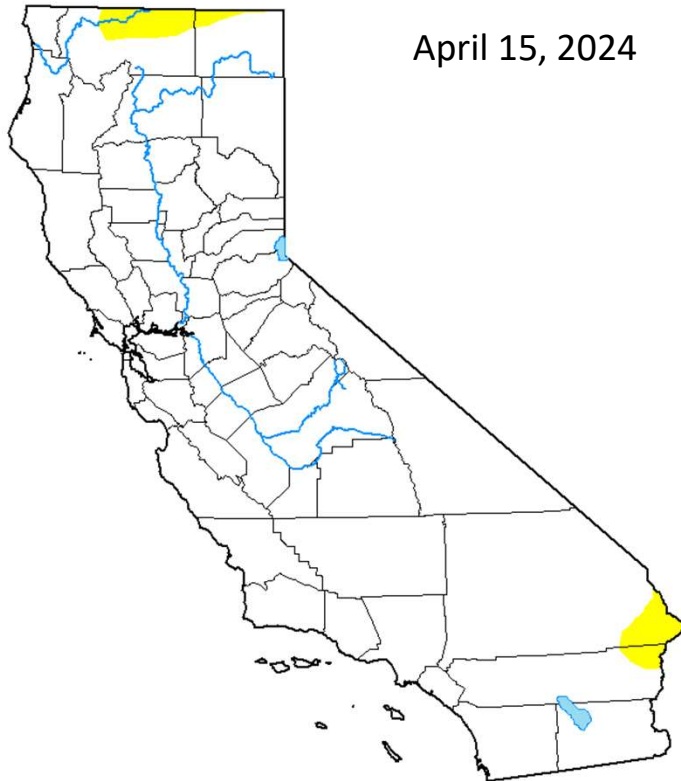
**Author:**

Curtis Riganti  
National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

## Drought Monitor

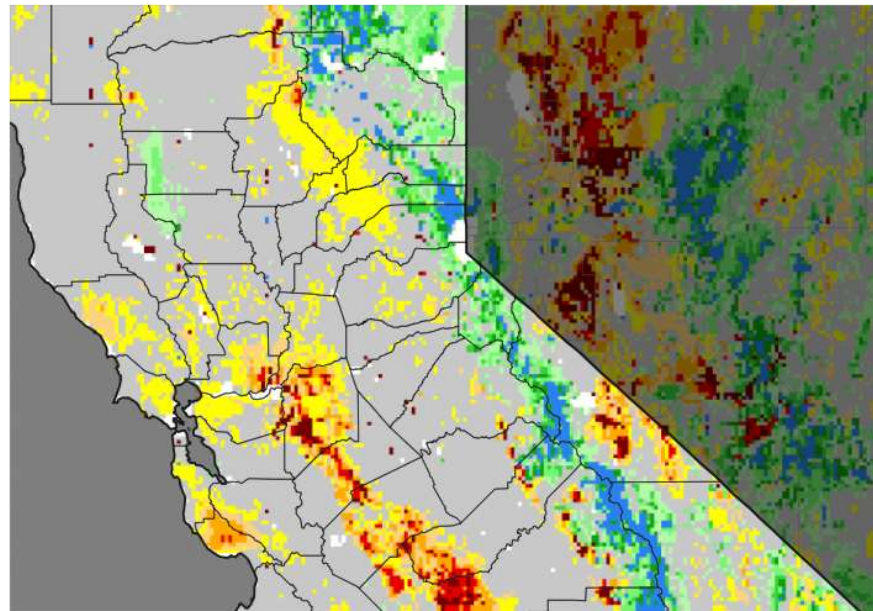


# Current Fuel Conditions and Fire Potential Outlook

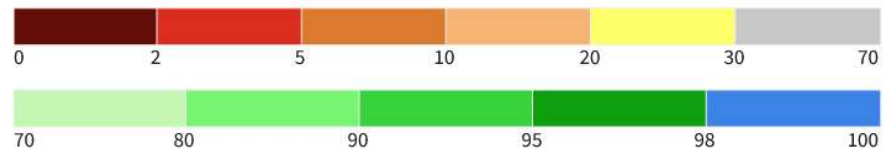


- Soil moisture percentile is generally 70 – 90%, with some areas of lower moisture.
- This is a good indicator of available moisture for fuels growth and peak fuel moisture capacity.

### NASA SPoRT-LIS 0–100 cm Soil Moisture Percentile



0–100 cm Soil Moisture Percentile



This NASA SPoRT-LIS soil moisture map shows the moisture content of the top 100 cm of soil compared to historical conditions (1981–2013), based on the Noah unified land surface model. Red and orange hues indicate drier soils, while greens and blues indicate greater soil moisture.

Source(s): NASA

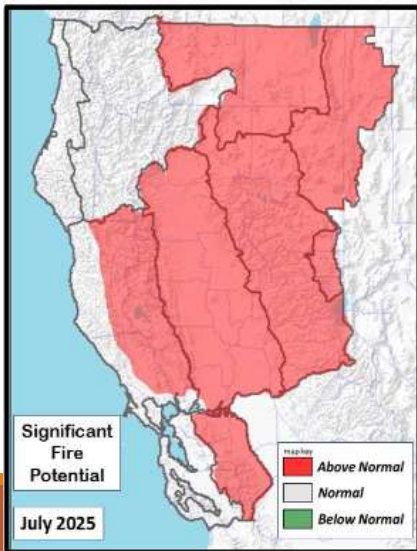
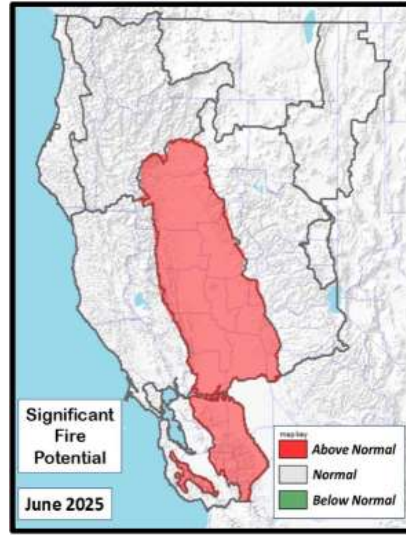
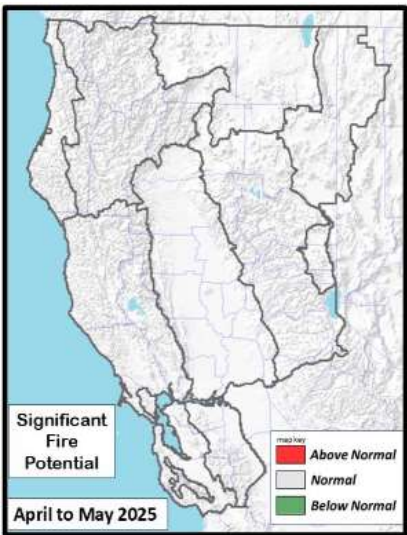
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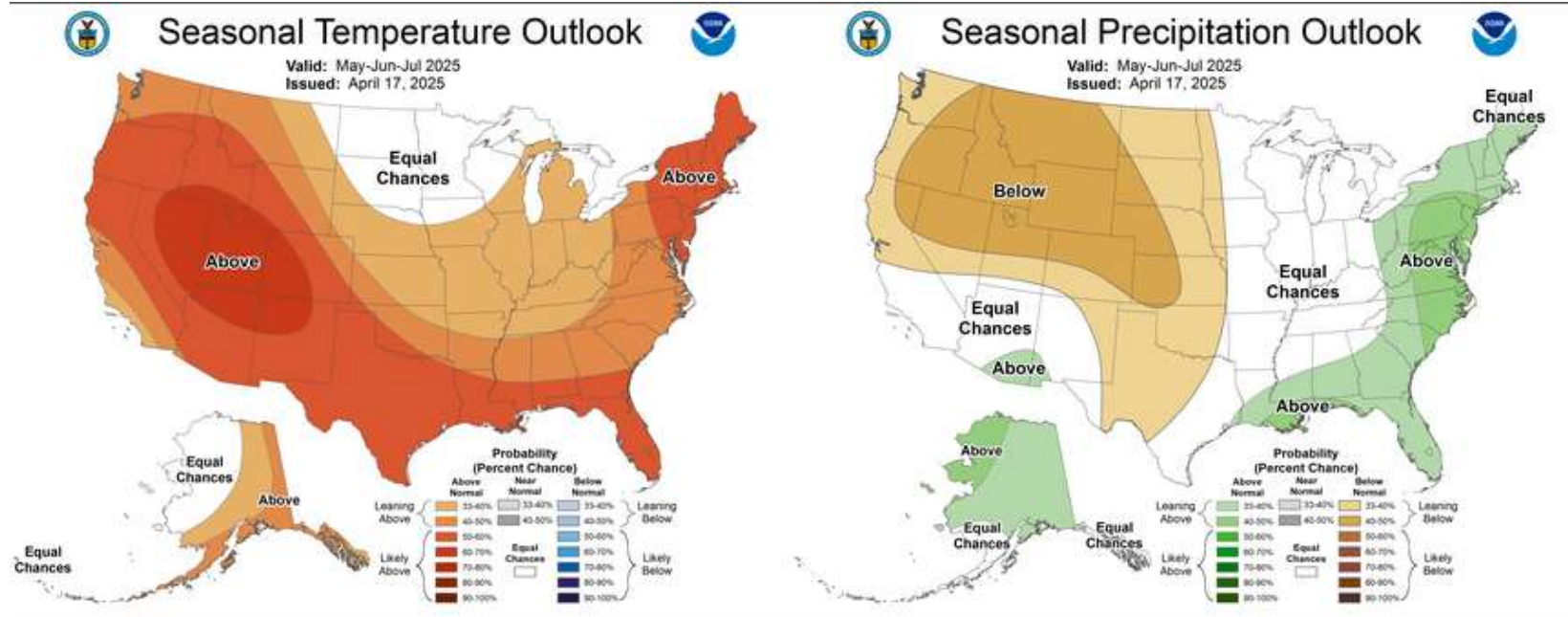
**Drought.gov**

# North Ops Outlook

## April - July 2025 North Ops Highlights

- Fluctuating weather patterns expected for April, then a transition towards a warmer and drier than normal May through July.
- Expect extended periods of critically flammable dead fuels during June and July across large portions of the area.
- Lowland areas, especially within the Oak woodland environment, will become increasingly flammable during May, especially away from the Coastal influences.
- Significant Fire Potential is projected to be normal for April and May when large fire activity is typically minimal, then trending near to above normal during June and July favoring the interior or away from the Coastal influences.



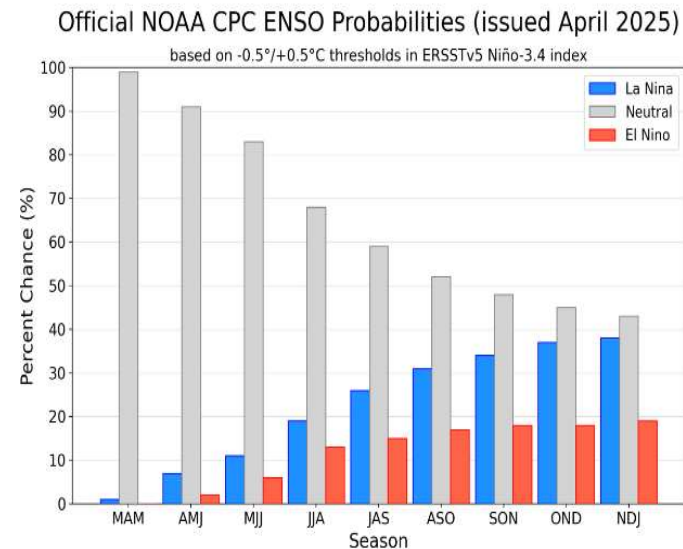
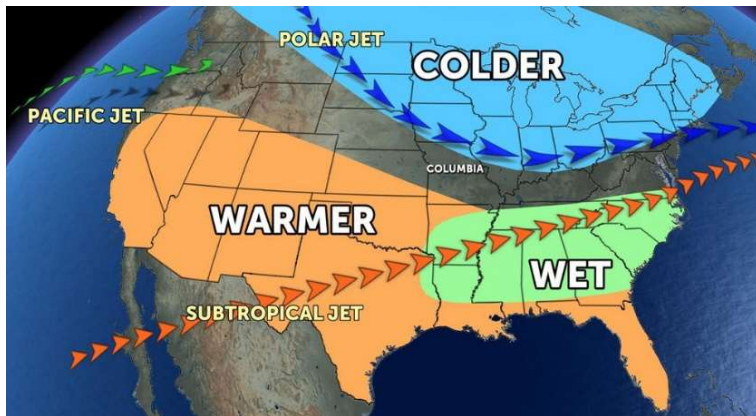


- The current long-range forecast indicates an increase in overall temperatures, but precipitation events for the next 3 months should be normal/minimal.

We are moving from La Nina to an ENSO neutral forecast.

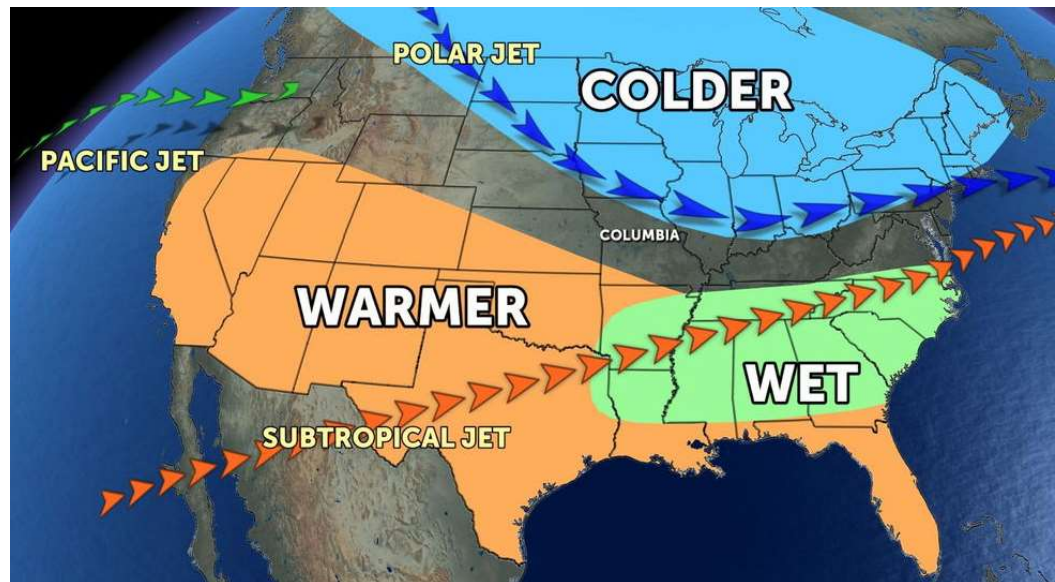
In an ENSO Neutral year, global seasonal conditions are less predictable. That means that atmospheric flow isn't pushed around in a way that is predictable. This doesn't mean that there aren't any other patterns out there that are influencing our weather and climate, but it is harder to predict them months in advance.

The last transition ENSO Neutral summer was 2017, a fairly busy fire season, but we were in the midst of a long-term drought compared to less drought currently.



## Monsoon / Lightning

- Due to the transition from La Niña to ENSO Neutral, typical southwest monsoon season may be at or above normal, due to warmer temperatures and weakened jet stream.
- This can increase chances for lightning impulses from tropical moisture intrusions, especially as the monsoon season starts in late June or early July.



## Final Considerations

- Expect a continued warm spring into summer, with periods of very warm to hot temperatures in late June and July.
- The transition from La Niña event to ENSO Neutral will make forecasting beyond August challenging until we get further into Spring.
- Indications are fairly strong that summer 2025 could feature a near to above average North American Monsoon.
- There has been a lot of fuel build-up over the few years in CA, especially in the grass. Expect ignitions in the lighter fuels and brush to challenge control efforts as we get into late June.



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# Wildfire Prevention Collaboration

Mila Zelkha



# Manzanita Works, a nonprofit collaborator

Introduction to program activities and community resources related to wildfire prevention.

A fiscally sponsored project of Philanthropic Ventures Foundation.

**Mila Zelkha, CEO**

<https://www.manzanita.works>



# Mission: to support workers and their families to live fruitful, dignified lives

## Who we are

Manzanita Works builds consortiums that improve the odds of achieving the American Dream. Named after the beautiful, resilient native plant, our model demonstrates the power of public/private partnerships.



## What we do

Manzanita Works is focused on areas where collective purchasing can stretch public and private dollars to improve transportation, working conditions and living conditions for essential workers in the Bay Area.



# Community Resources

## Manzanita Tool Share

Residents and community groups can borrow tools and equipment.



## Essential Tools™

Inventory of vegetation management equipment for wildfire prevention.



## Essential Time™

Community time bank where participants can log their volunteer community service hours for credit exchange with each other. Program can be used in service of wildfire prevention and more.



Thank you to the San Mateo County Department of Sustainability for funding!

# Consortium Model: Wildfire

## Collaboration

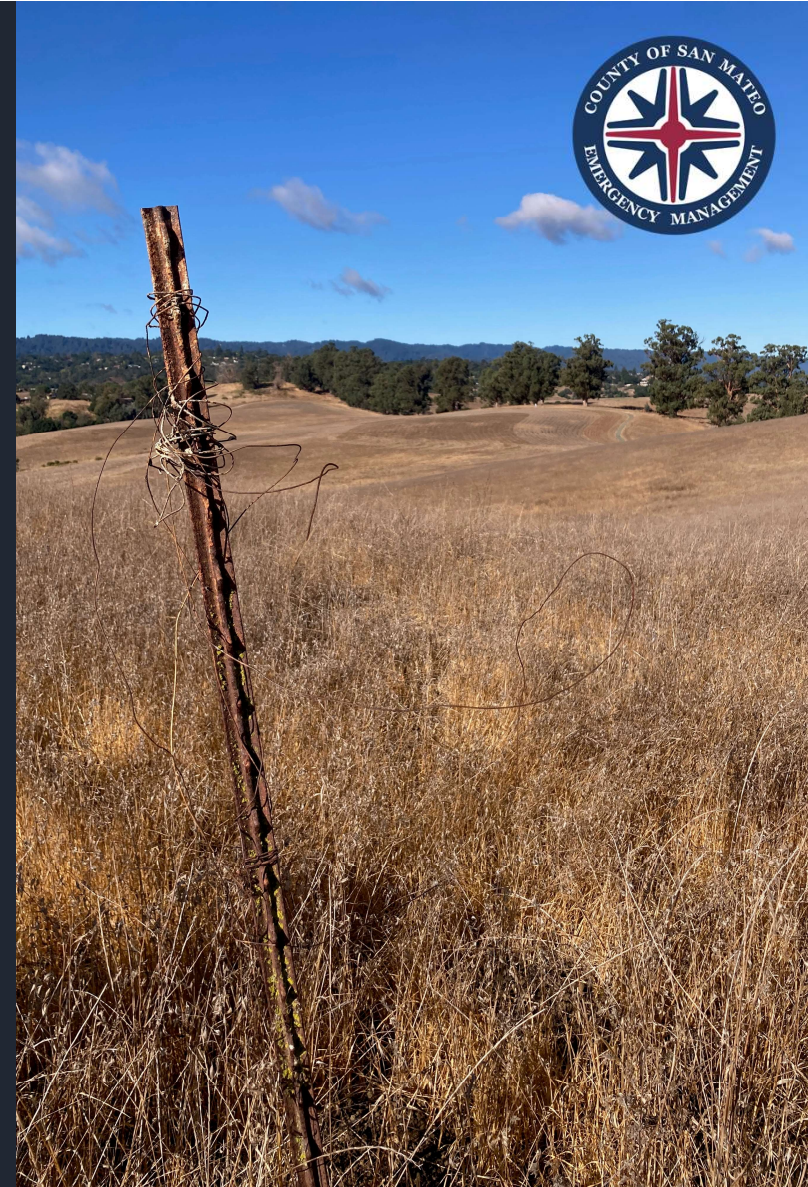
We are working with property owners from San Mateo, Santa Clara, Monterey, Santa Cruz, San Benito, Sonoma and Alameda Counties to establish a regional wildfire consortium.

## Collective Purchasing

In alignment with state and local regulations and standards such as FireWise USA®, consortium members to create & access group opportunities to complete home hardening and vegetation management.

## Local Conditions

Diverse property owners from multi-sectors from single family owners of parcels under 10 acres to Hidden Villa with 1600 acres. Includes stakeholders from Portola Valley, Pacifica and Woodside.





# Thank You.

Mila Zelkha  
CEO, Manzanita Works  
[mila@manzanita.works](mailto:mila@manzanita.works)  
[www.manzanita.works](http://www.manzanita.works)



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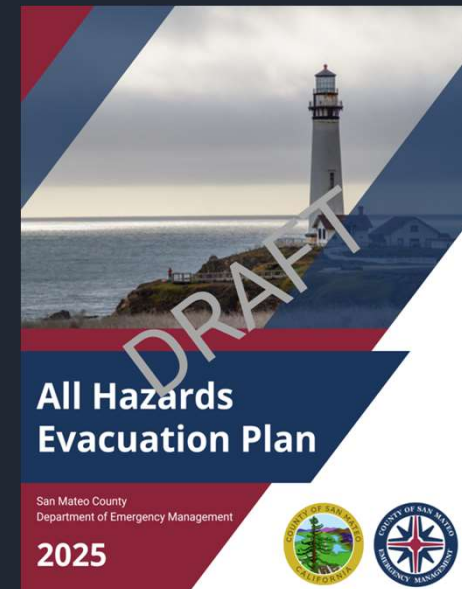
# Director's Update

Director Dhapodkar

# All Hazards Evacuation Plan (AHEP)



- AHEP Work Group will meet both in-person and virtually to receive planning materials and discuss key topics to highlight best practices AHEP Work Group members can take back to their respective communities, agencies, or departments to support the development of localized evacuation plans
- AHEP Work Group kick off with a Ladriss Evac-1 Educational Session on Thursday, June 12, 2025





# BayEx

- Partnered with California National Guard's 95<sup>th</sup> Civil Support Team (CST)
- After more than six months of preparation, the full-scale exercise brought together over 160 participants from nearly 20 agencies around California



Photo by Scott Buschman



Photo by Preston Merchant



Photo by Preston Merchant



# Be Wildfire Safe and Ready

- Saturday, April 26, 2025 community outreach event saw 414 community members attend the event
- Attendees heard from emergency response experts, connected with local agencies, and took home essential safety resources





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# Report Outs Related to Emergency Services Council

Vice Chair Medina

# THANK YOU



*Together Forward.*