

Update on Arvin/Lamont Community Air Monitoring 2026, Quarter 2

Arvin/Lamont CSC Meeting
August 26, 2026

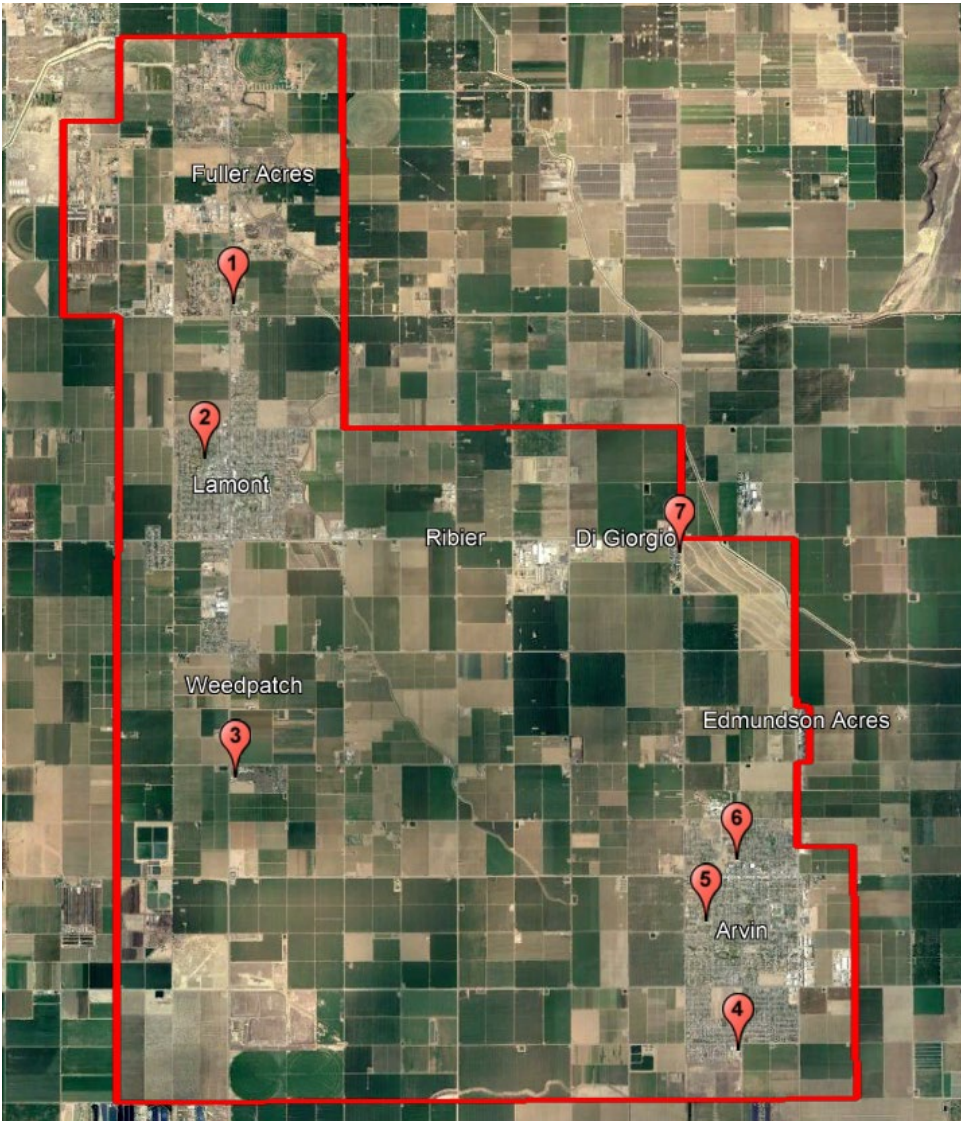
Air Monitoring Update

Status of Community Air Monitoring Plan
Implementation

Review Air Monitoring Data Collected

Questions and Comments

CAMP Implementation Status



#	Location	Monitoring	Done
1	Mountain View Middle School	PM2.5, BTEX, H2S, SO2	Yes
2	Alicante Elementary	PM2.5, BTEX, H2S, SO2, NOx, Black Carbon	In progress
3	Sunset Middle School	PM2.5	Yes
4	El Camino Real Elementary School	PM2.5	Yes
5	Bear Mountain Elementary School	PM2.5	Yes
6	Arvin Community Services District	PM2.5, H2S, SO2, NOx, Ozone, CO, Black Carbon, Toxics	Yes
7	Di Giorgio & Comanche	PM2.5	In progress

Community Air Monitoring Platforms



Community Air Monitoring Platforms (cont'd)



Ongoing Community Air Monitoring

- District is continuing localized air monitoring within the community boundary
- District is identifying an appropriate location to deploy PM2.5 monitor near Di Giorgio and Comanche Drive
- Coordinating with the Lamont School District to deploy an air monitor at Alicante Elementary School
 - Address electrical infrastructure needs and finalize equipment placement

Air Monitoring Update Summary

Average PM2.5 for Q2 lower than previous years

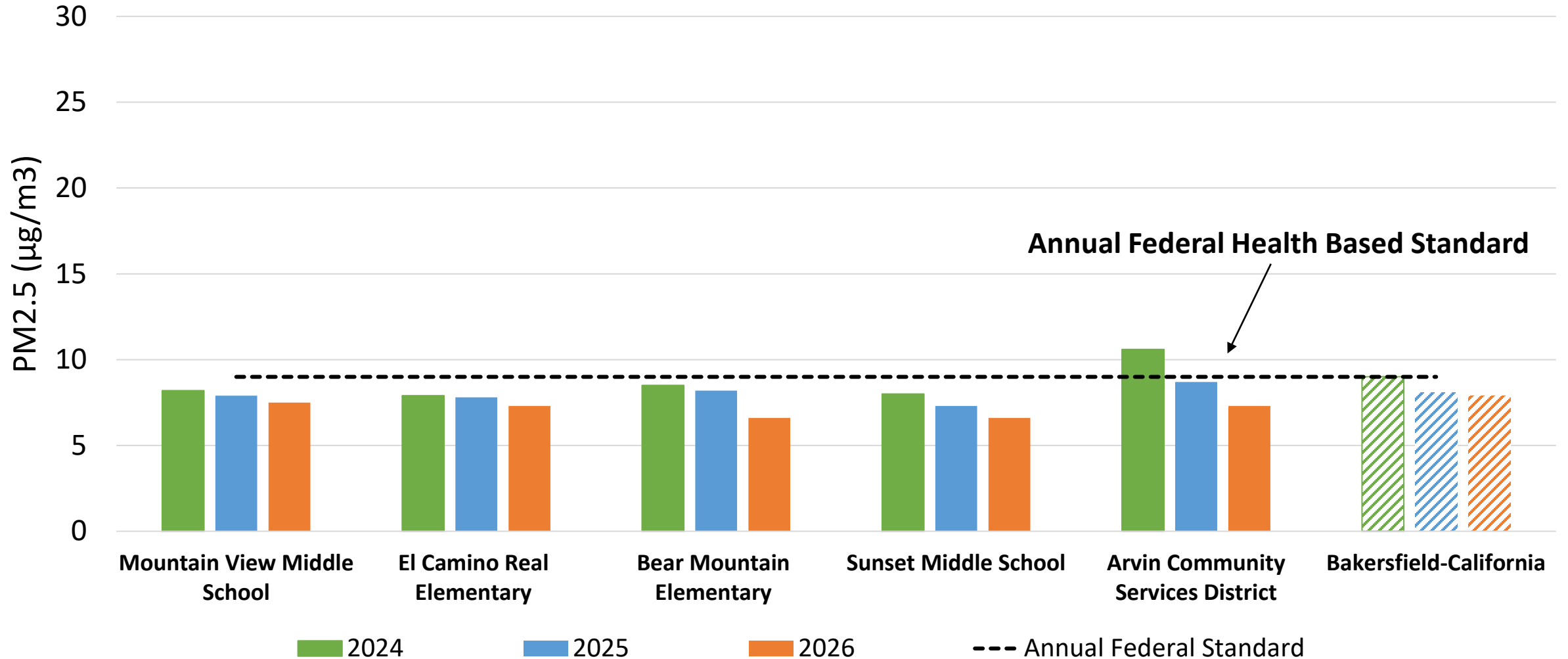
PM2.5 levels below Federal health based standard

We are continuously monitoring impacts of nearby wild fires to your community

Air monitoring data available online at your community portal

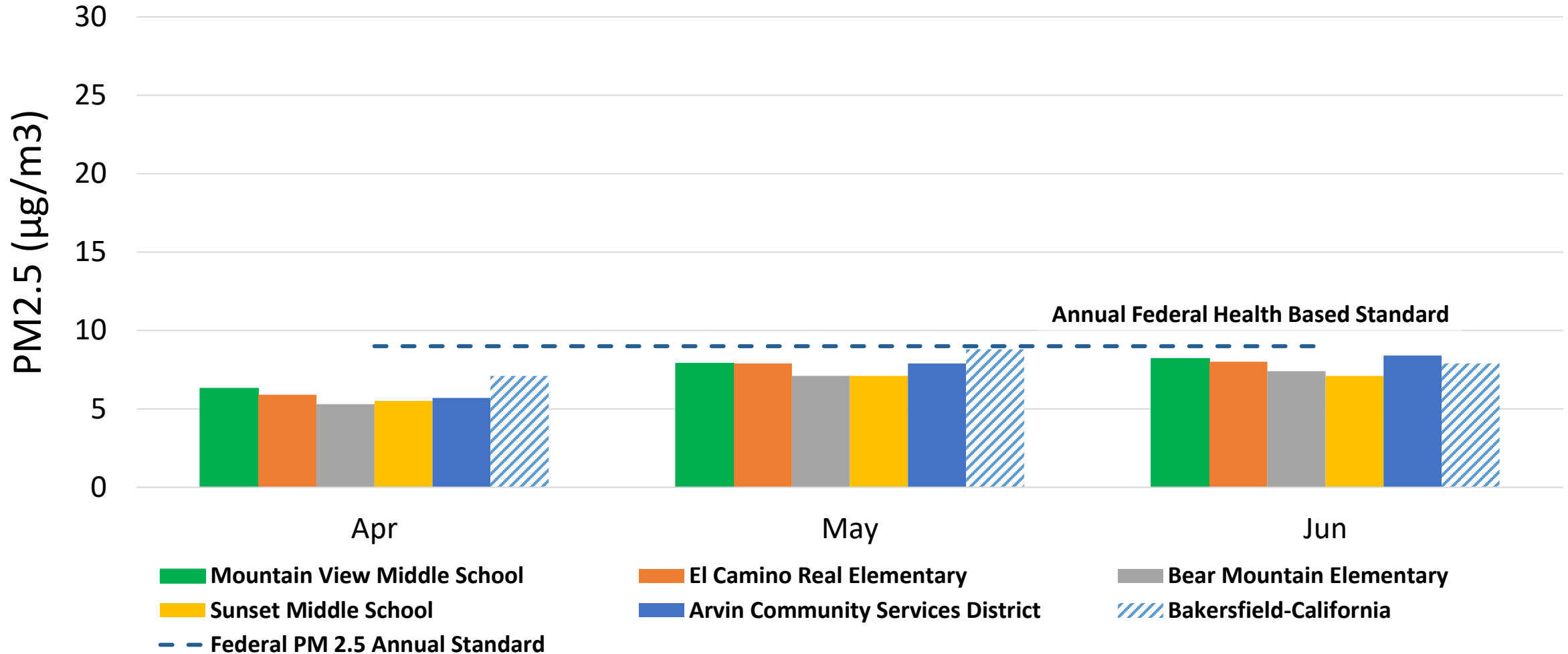
PM2.5 Quarterly Average Comparison

2026 Q2 PM2.5 show a downward trend over the years



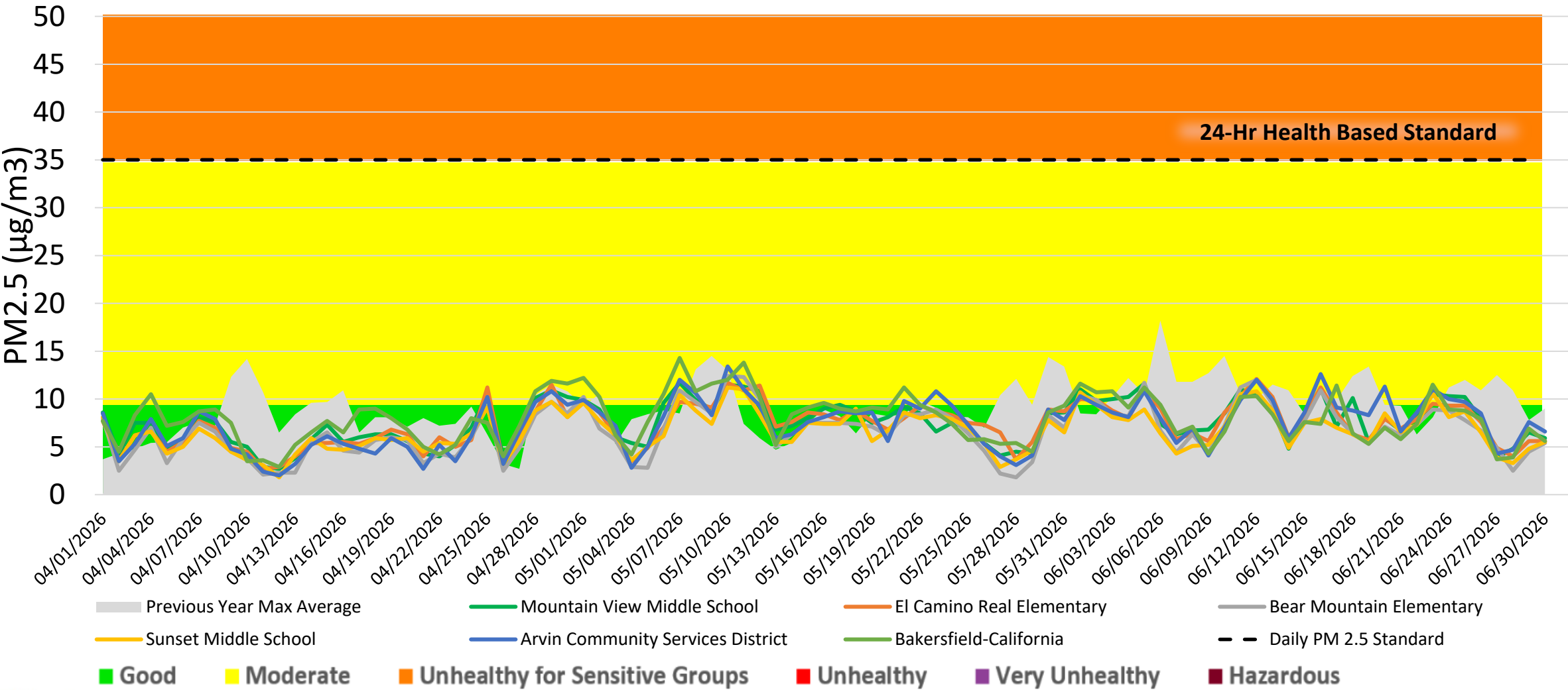
Monthly Average PM2.5 Comparison

PM2.5 continuously averaged below annual Federal health based standard



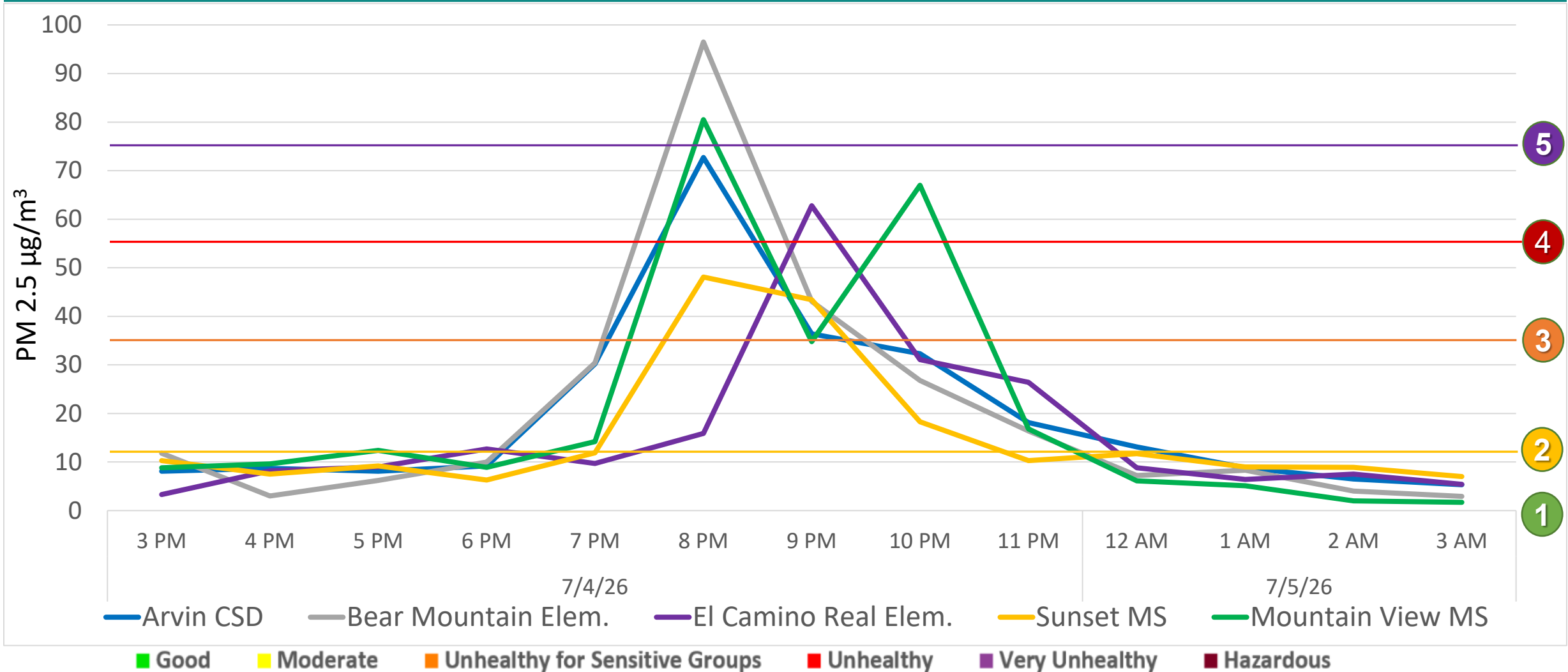
PM2.5 Daily Averages

All sites averaged Good or Moderate levels



4th of July

Highest PM2.5 spikes closer to residential neighborhoods



Communicating Air Quality Episodes

Sent: Tuesday, July 28, 2026 3:45 PM

Subject: Arvin/Lamont CSC: Fish Fire Smoke Impacts

Hello Arvin/Lamont CSC,

Please be advised that portions of Kern County are experiencing smoke impacts from the [Fish Fire](#) (Quick tip: Save this wildfire resource page for quick links to any current fires impacting the valley: www.valleyair.org/wildfires)

If you can see ash or smell smoke, you may be affected by fine particulate matter pollution. To reduce exposure, stay indoors when possible, close windows and doors, and use indoor air filtration to help keep indoor air clean. Sensitive individuals, including children, older adults, and those with heart or lung conditions, should take extra precautions.

Stay informed about current air quality conditions by visiting the Arvin/Lamont Community Air Monitoring page <https://community.valleyair.org/selected-communities/arvin-lamont/community-air-monitoring/> or www.AirNow.gov.

If you have any questions, comments or suggestions, please reach out to the District at AB617@valleyair.org or call [559-230-6000](tel:559-230-6000) and ask to speak to someone with the AB 617 program.



Types of Burning

TYPES OF BURNING IN THE VALLEY



BURNING TRASH

Rule 4103 makes burning garbage, including yard waste and using burn barrels **illegal**.

- Burning trash creates pollution and harms our health.
- You may face fines if you burn trash.



Report a Complaint

- "Valley Air" App
- valleyair.org/complaints
- Northern Region
1-800-281-7003
San Joaquin, Stanislaus and Merced counties
- Central Region
1-800-870-1037
Madera, Fresno, and Kings counties
- Southern Region
1-800-926-5550
Tulare and the Valley portion of Kern counties

RESIDENTIAL WOOD BURNING

Rule 4901 applies to indoor/outdoor devices that burn solid fuel, such as wood/pellets. This includes open-hearth fireplaces, stoves, inserts and outdoor wood-burning devices.

- Winter months in the Valley tend to be stagnant with no air movement, which traps pollution.
- From Nov 1 - end of Feb, residents can check the daily residential wood-burning status for their county.



Check Residential Burn Status

- "Valley Air" App
- valleyair.org/burnstatus
- 1-800-SMOG-INFO (1-800-766-4463)

AGRICULTURAL OPEN BURNING

Rule 4103 No person shall knowingly set or allow open burning unless the person has a valid permit issued by the District.

- The near-complete phase-out of open agricultural burning in the San Joaquin Valley occurred on January 1, 2025.
- The District strongly encourages growers to explore alternatives to burning, through the District's grant program, which helps fund options like chipping, shredding, and soil incorporation. Visit valleyair.org/agburnalternatives for more information.

Ag Burn Process

- Obtain an agricultural burn permit by contacting District staff.
- Obtain burn authorization via these methods:



- sms.valleyair.org
- (559) 227-7143
- (800) 665-2876

HAZARD REDUCTION BURNING

- In an effort to maintain foothill and mountain properties of the Valley air basin in a fire-safe condition, Section 4291 of the California Public Resources Code (PRC) requires the removal of vegetation that can spread fire from the natural growth to a building or structure.
- The District strongly encourages you to consider other disposal alternatives, such as chipping, mulching, or composting.
- However, if you choose to burn, you may only burn the natural vegetation that has been removed to comply with PRC 4291.

Haz Burn Process

Obtain a Burn Permit:
Processed through your local forestry or fire protection agency.

Obtain Burn Authorization:
Before you light a fire.



- valleyair.org/hazburn
- 1-877-HAZ-BURN (1-877-429-2876)

PRESCRIBED BURNING

- Prescribed burning is one of the most important tools land and forest managers use today to reduce wildfire hazards, clear excess vegetation, control plant diseases, improve wildlife habitats and restore natural ecosystems. This is also known as prescribed fire.
- Around 25% of California's people—over 11 million—live in places with high fire danger. The state uses prescribed fire to help keep these communities safe.

For more information about prescribed fires in your local communities, visit:



CAL FIRE
www.fire.ca.gov/what-we-do/natural-resource-management/prescribed-fire



US FOREST SERVICE
www.fs.usda.gov/managing-land/prescribed-fire

WILDFIRES

- Wildfire smoke – a complex mixture of air pollutants – is unhealthy to breathe and can be especially dangerous for children, the elderly, pregnant women, and people with heart or respiratory conditions.
- If you can smell smoke and see ash, that is an indication that you are being affected by poor air quality.



Protect Yourself

- Stay Indoors** if you see or smell smoke
- Replace Air Filters** more frequently
- Wear A Face Mask**
- Consult Your Doctor** for air-quality related health issues

For more information about wildfires happening in your community, visit:



valleyair.org/wildfires

IMPACTS OF WILDFIRE SMOKE

= PARTICULATE MATTER (PM)
A complex mixture of extremely small particles made up of a number of components, including wildfire smoke, metals, dust and soot

How small?

HUMAN HAIR
50-70 µm (microns) in diameter

PM2.5 (<2.5 µm)
PM10 (<10 µm)



= UNHEALTHY LEVELS OF PM

The Valley's topography and stagnant, dry winters traps pollution under the inversion layer

What clears PM pollution?



CALIFORNIA IS AT RISK
FOR SEVERE AND INTENSE WILDFIRES

PM HARMS OUR HEALTH

It can trigger or worsen health conditions
LUNG INFECTIONS COPD ASTHMA ATTACKS
ACUTE BRONCHITIS HEART ATTACKS STROKE
COVID-19 DEMENTIA



HOW CAN YOU PROTECT YOURSELF & OTHERS?



STAY INDOORS
IF YOU SEE OR SMELL SMOKE



REPLACE AIR FILTERS
MORE FREQUENTLY THAN USUAL



FACE MASKS
SOME MASKS ARE MORE EFFECTIVE THAN OTHERS,
CHECK WITH YOUR HEALTH CARE PROVIDER



CONSULT YOUR DOCTOR
IF YOU ARE EXPERIENCING HEALTH
EFFECTS DUE TO POOR AIR QUALITY

www.valleyair.org/wildfires

IMPACTOS DEL HUMO DE INCENDIOS FORESTALES

= MATERIAL PARTICULADO (PM)
Una mezcla compleja de partículas extremadamente pequeñas formada de varios componentes, incluyendo el humo de incendios forestales, metales, polvo y hollín

¿Qué tan pequeñas?

PELO HUMANO
50-70 µm (micrones) de diámetro

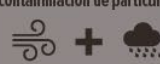
PM2.5 (<2.5 µm)
PM10 (<10 µm)



= NIVELES DE PM INSALUBRES

La topografía del Valle y los inviernos secos y estancados atrapan la contaminación debajo de la capa de inversión

¿Qué elimina la contaminación de partículas??



CALIFORNIA ESTÁ EN RIESGO
PARA INCENDIOS INTENSOS Y GRAVES

PM DAÑA NUESTRA SALUD

Puede desencadenar o empeorar las condiciones de salud
INFECCIONES PULMONARES ATAQUES DE ASMA
BRONQUITIS AGUDA ATAQUES AL CORAZÓN EPOC
COVID-19 DEMENTIA ATAQUE CEREBRAL



¿Cómo Protegerse y Proteger a los Demás?



MANTENERSE ADEENTRO
SI VE O HUELE HUMO



REEMPLAZA LOS FILTROS
CON MÁS FRECUENCIA DE LO NORMAL



CUBREBOCAS
ALGUNAS MASCARILLAS SON MÁS EFECTIVAS
QUE OTRAS, CONSULTE CON SU PROVEEDOR MÉDICO



CONSULTE A SU DOCTOR
SI ESTÁ EXPERIMENTANDO EFECTOS EN LA
SALUD DEBIDO A LA MALA CALIDAD DEL AIRE

www.valleyair.org/wildfires

TEEB MEEM TSHWM NTAWM COV PA TAWS LOS NTAWM HAV ZOOV KUB HNYIAB

= PLUA TSHAUV (HU UA PM)
Plua tshauv sib nyawv ua ke lo ntawm ntawm yam, xws li pa taws, hmooov hlau, hmooov av, thiab tshauv taws

Tej yam ntawd me npaum li cas?

Tsoj phabv hmo li
mooov daim li = 50 - 70 µm
(µm = microns)

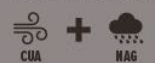
PM2.5 (<2.5 µm)
PM10 (<10 µm)



= PM NTAU DHAV TSIS NYAB XEEB

Lub hau Valley yog li lub vos hau ntis thiab thauv caj ntuj no
huab cua txias nyob tus tsis txav chaw thiab ntuj qhuav qhuav,
ces ua kom cov PM tsis txawj ploj mas, vim muaj cua sov nyob saum
toj thiab txhej cua txias nyob hauv qeb

Dab tsis thiab tshem tau cov PM tawm?



CALIFORNIA KHEEV
RAUG HLUAV TAWS
KUB HNYIAB LOJ THIAB MUAJ ZOG HEEV

PM UA TSIS ZOO RAU PEB KEV NOJ QAB NYOB ZOO

Huab ua kom pib lub cev txawj huab mob txaj los sis kom pib
tus mob me txawj huab loj txaj xws li
MOB HLAB NTSWS COPD (HLAB NTSWS TXHWS)
MOB HAWB POB MOB NTSWS PLAWV HRES
MOB STROKE KAB MOB COVID-19 TSIS MEEJ PEM ZOO



**YUAV TIV THAIV KOJ TUS KHEEJ THIAB
LWM TUS NEEG LI CAS?**



NYOB TWJ YWM HAUV TSEV
YOG KOJ POM LOS HNOV TSW PA TAWS



HLOOV DAIM NTKALJ LIM CUA
NTAWJ ZAWS DUA QHOV KOJ IB TXHWM UA



NPOG QHOV NCAUJ QHOV NTSWG
MUJ TJI ROM NTAJIB NPOG QHOV NCAUJ QHOV NTSWG
ZOO DUA LWM HOM MOOG KOJ TUS KWS KHO MOB



**MUS CUAG KOJ
TUS KWS KHO MOB**
YOG KOJ TSIS NYAB XEEB VIM HUAB CUA TSIS ZOO

www.valleyair.org/wildfires

ਜੰਗਲੀ ਅੱਗ ਦੇ ਧੂੰਏਂ ਦੇ ਪ੍ਰਭਾਵ



= ਕਣ ਪਦਾਰਥ (PM)

ਜੰਗਲੀ ਅੱਗ ਦੇ ਧੂੰਏਂ, ਧਾਤਾਂ, ਧੂੜ ਅਤੇ ਕਾਲਖ ਸਮੇਤ
ਬਹੁਤ ਸਾਰੇ ਭਾਗਾਂ ਦਾ ਬਣਿਆ ਬਹੁਤ ਛੋਟਾ ਕਣਾਂ ਦਾ
ਇੱਕ ਗੁੰਝਲਦਾਰ ਮਿਸ਼ਰਣ।

ਕਿੰਨਾ ਛੋਟਾ?

ਮਨੁੱਖੀ ਵਾਲ = 50-70 µm
(µm = ਮਾਈਕ੍ਰੋਨ)

PM2.5 (<2.5 µm)
PM10 (<10 µm)



= PM ਦੇ ਗੈਰ-ਸਿਹਤਮੰਦ ਪੱਧਰ

ਘਾਟੀ ਦੀ ਭੂਗੋਲਿਕ ਬਣਤਰ ਅਤੇ ਗਤੀਗਤਾ, ਖੁਸ਼ਕ ਸਰਦੀਆਂ
ਪ੍ਰਦੂਸ਼ਣ ਨੂੰ ਉਲਟ ਪਰਤ ਦੇ ਹੋਰਾਂ ਫਸਾਉਂਦੀਆਂ ਹਨ।

ਕਿਹੜੀ ਚੀਜ਼ PM ਪ੍ਰਦੂਸ਼ਣ ਨੂੰ ਸਾਫ਼ ਕਰਦੀ ਹੈ?



ਕੈਲੀਫੋਰਨੀਆ ਖਤਰੇ ਵਿੱਚ ਹੈ
ਭਿਆਨਕ ਅਤੇ ਤੀਬਰ ਜੰਗਲੀ ਅੱਗ ਲਈ

**PM ਸਾਡੀ ਸਿਹਤ ਨੂੰ ਨੁਕਸਾਨ
ਪਹੁੰਚਾਉਂਦੇ ਹਨ**

ਇਹ ਸਿਹਤ ਸੰਬੰਧੀ ਪੈਦਾ ਕਰ ਸਕਦਾ ਹੈ ਜਾਂ ਵਿਗਾੜ ਸਕਦਾ ਹੈ
ਫੇਫੜਿਆਂ ਦੀ ਲਾਗ COPD ਦਮੇ ਦੇ ਹਮਲੇ
ਤੀਬਰ ਬ੍ਰੈਨਕਾਈਟਸ ਦਿਲ ਦੇ ਦੌਰੇ ਸਟ੍ਰੋਕ
COVID-19 ਦਿਮਾਗੀ ਕਮਜ਼ੋਰੀ



**ਤੁਸੀਂ ਆਪਣੀ ਅਤੇ ਦੂਜਿਆਂ ਦੀ ਰੱਖਿਆ ਕਿਵੇਂ
ਕਰ ਸਕਦੇ ਹੋ?**



ਘਰ ਦੇ ਅੰਦਰ ਰਹੋ
ਕਮਰੇ ਦੀ ਹਵਾ ਸਵੱਛ ਰੱਖੋ



ਏਅਰ ਫਿਲਟਰ ਬਦਲੋ
ਆਮ ਨਾਲੇ ਜ਼ਿਆਦਾ ਵਾਰ



ਫੇਸ ਮਾਸਕ
ਕੁਝ ਮਾਸਕ ਦੂਜਿਆਂ ਨਾਲੋਂ ਵਧੇਰੇ
ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਹਨ, ਆਪਣੇ ਸਿਹਤ ਸੰਭਾਲ
ਪ੍ਰਦੂਸ਼ਣ ਨਾਲ ਸੰਬੰਧਤ ਕਰੋ



ਆਪਣੇ ਡਾਕਟਰ ਨਾਲ ਸਲਾਹ ਕਰੋ
ਜੇਕਰ ਤੁਸੀਂ ਦੂਸ਼ਿਤ ਹਵਾ ਕਰਕੇ ਸਿਹਤ 'ਤੇ
ਮਾੜੇ ਪ੍ਰਭਾਵਾਂ ਦਾ ਅਨੁਭਵ ਕਰ ਰਹੇ ਹੋ

www.valleyair.org/wildfires

PROTECT YOURSELF FROM WILDFIRE SMOKE



BE AWARE &
CHECK AIR QUALITY
fire.airnow.gov

REDUCE YOUR EXPOSURE



CREATE A CLEAN AIR ROOM
Air purifiers work best when doors and windows are tightly sealed.



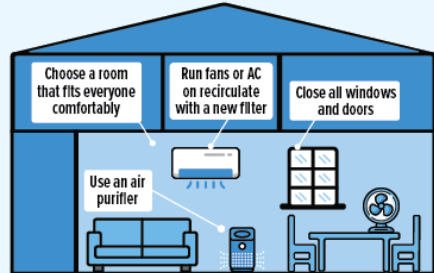
RUN YOUR HVAC SYSTEM
Replace the filters more frequently than usual.



LOCATE A CLEAN AIR CENTER
Clean Air Centers provide a safe place with air filtration systems during periods of heavy smoke.
valleyair.org/cleanaircenters



WEAR AN N95 MASK
If you must be outdoors, N95 masks can provide protection from wildfire smoke when properly fitted.



valleyair.org/wildfires



PROTÉJASE DEL HUMO DE INCENDIOS FORESTALES



MANTÉNGASE
AL TANTO Y REVISE
LA CALIDAD DEL AIRE
fire.airnow.gov

REDUZCA SU EXPOSICIÓN



Cree una habitación de aire limpio
Los purificadores de aire funcionan mejor cuando las puertas y ventanas están bien selladas.



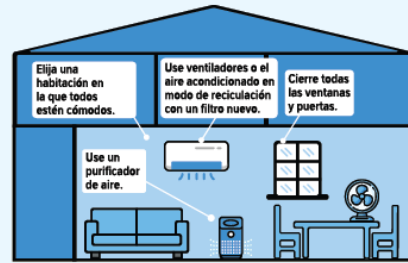
USE SU SISTEMA DE AIRE ACONDICIONADO
Reemplace los filtros con más frecuencia de lo normal.



BUSQUE UN CENTRO DE AIRE LIMPIO
Si tiene que estar al aire libre, los centros de aire limpio proporcionan un lugar seguro con sistemas de filtración de aire durante períodos de humo intenso.
valleyair.org/cleanaircenters



USE UNA MASCARILLA N95
Si tiene que estar al aire libre, las mascarillas N95 pueden ofrecer protección contra el humo de incendios forestales cuando están bien ajustadas.



valleyair.org/wildfires



TIV THAIV KOJ TUS KHEEJ THAUM MUAJ PA TAWS LOS NTAWM HAV ZOOV KUB NYHIAB



CEEV FAJ &
XYUAS HUAB CUA ZOO
fire.airnow.gov

TXO KEV RAUH PA TAWS



UA IB CHAV TSEV UAS MUAJ CUA HUV
Tshuab lim cua ua haujwm zoo tshaj thaum qhov rooj thiab qhov rais kaw ntxim ntxim.



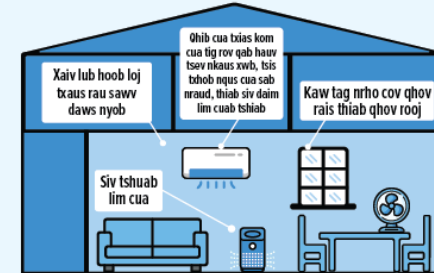
KHIAV KOJ LUB TSHUAB CUA TXIAS THIAB CUA SOV (HVAC)
Hloov daim lim cua ntau zaus dua koj pheej hloov.



NRHIAV COV CLEAN AIR CENTERS (CHAW CUA HUV)
Clean Air Centers yog ib qhov chaw muaj cav lim cua ua kom cua huv rau koj thaum lub sijhawm muaj pa taws ntau.
valleyair.org/cleanaircenters



LOOJ COV NPOG QHOV NCAUJ QHOV NTSWG N95
Yog tias koj yuav tsum mus sab nraud, cov npog qhov ncau N95 yuav pab tiv thaiv cov pa taws yog tias looj tau zoo.



valleyair.org/wildfires

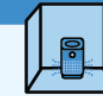


ਜੰਗਲੀ ਅੱਗ ਦੇ ਧੂੰਏਂ ਤੋਂ ਖੁਦ ਨੂੰ ਬਚਾਓ



ਜਾਗਰੂਕ ਰਹੋ ਅਤੇ ਹਵਾ ਦੀ ਗੁਣਵੱਤਾ ਦੀ ਜਾਂਚ ਕਰੋ
fire.airnow.gov

ਆਪਣੇ ਸੰਪਰਕ ਨੂੰ ਘਟਾਓ



ਇੱਕ ਸਾਫ਼ ਹਵਾ ਵਾਲਾ ਕਮਰਾ ਬਣਾਓ
ਦਰਵਾਜ਼ੇ ਅਤੇ ਖਿੜਕੀਆਂ ਨੂੰ ਠੀਕ ਕੀਤੇ ਜਾਣ 'ਤੇ
ਏਅਰ ਪਿਊਰੀਫਾਇਰ ਸਭ ਤੋਂ ਵਧੀਆ ਕੰਮ ਕਰਦੇ ਹਨ।



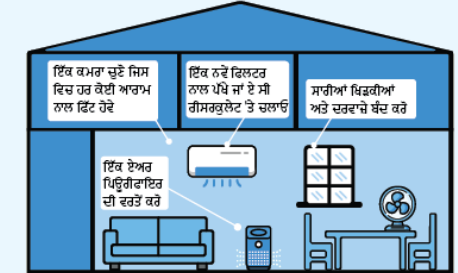
ਆਪਣਾ HVAC ਸਿਸਟਮ ਚਲਾਓ
ਫਿਲਟਰਾਂ ਨੂੰ ਆਮ ਨਾਲੇ ਬਿਯਾਦਾ ਵਾਰ ਬਦਲੋ।



ਇੱਕ ਸਾਫ਼ ਹਵਾ ਕੇਂਦਰ ਲੱਭੋ
ਸਾਫ਼ ਹਵਾ ਕੇਂਦਰ ਭਾਰੀ ਧੂੰਏਂ ਦੇ ਸਮੇਂ ਦੌਰਾਨ ਹਵਾ
ਫਿਲਟਰੇਸ਼ਨ ਪ੍ਰਣਾਲੀਆਂ ਦੇ ਨਾਲ ਇੱਕ ਸੁਰੱਖਿਅਤ ਜਗ੍ਹਾ
ਪ੍ਰਦਾਨ ਕਰਦੇ ਹਨ।
valleyair.org/cleanaircenters



ਐਨ 95 ਮਾਸਕ ਪਹਿਨੋ
ਜੇਕਰ ਤੁਹਾਨੂੰ ਬਾਹਰ ਹੋਣਾ ਚਾਹੀਦਾ ਹੈ, ਤਾਂ ਐਨ 95
ਮਾਸਕ ਜੰਗਲੀ ਅੱਗ ਦੇ ਧੂੰਏਂ ਤੋਂ ਸੁਰੱਖਿਆ ਪ੍ਰਦਾਨ ਕਰ
ਸਕਦੇ ਹਨ ਜਦੋਂ ਸਹੀ ਢੰਗ ਨਾਲ ਫਿੱਟ ਕੀਤਾ ਜਾਵੇ।



valleyair.org/wildfires



Wildfire Prevention & Response Webpage

valleyair.org/wildfires



Wildfire Information
How to Protect Yourself from Wildfire Smoke
Clean Air Centers
Clean Air Rooms
Efforts to Prevent and Minimize Wildfires
Air Quality Information
Cal/OSHA Worker Safety
Foothill & Mountain Communities
Resources

If you can smell smoke and see ash, that is an indication that you are being affected by poor air quality.

Wildfires that may be impacting air quality in the San Joaquin Valley:

CAL FIRE Incidents Page

Check here for latest wildfire information

Green Fire

Shasta County

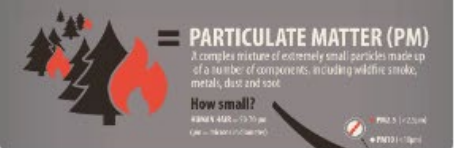
Orleans Complex

Del Norte/Siskiyou Counties

Marble Complex Fire

Siskiyou County

IMPACTS OF WILDFIRE SMOKE



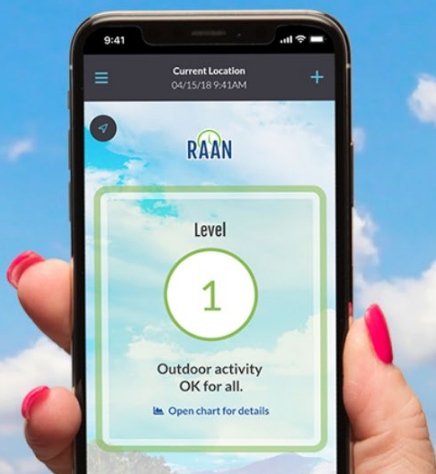
ENGLISH ESPAÑOL

HMOOB ਪੰਜਾਬੀ



Download the Valley Air App

Keep track of current air quality in all of your important neighborhoods with Valley Air, the official app of the Valley Air District



559-230-6000

public.education@valleyair.org

valleyair.org/app

How to File an Air Pollution Complaint

Complaints may be filed online, by phone, or by using the Valley Air app on your smart phone

- Complaints are responded to 365 days a year
- Your information is confidential
- Filing a complaint will put you in touch with an Air Quality Inspector assigned to the complaint

Tulare, Valley portion of Kern

[\(800\) 926-5550](tel:(800)926-5550)

valleyair.org/complaints

Comments/Questions?