

NEWS RELEASE

IMMEDIATE RELEASE

June 24, 2008, 8:30 A.M

**AIR QUALITY ADVISORY**

REDDING, June 24, 2008 - The Shasta County Air Quality Management District is advising residents of Shasta County to limit outdoor activities due to the presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the unhealthy range at approximately 173 on the Air Quality Index.

We note that there is a visible haze in Shasta County, and the air smells like smoke. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

For addition information and updates you may call the District at 225-5674.

#####

SACRAMENTO METROPOLITAN

AIR QUALITY  
MANAGEMENT DISTRICT

Contact: Sacramento Metropolitan AQMD Communications Office (916) 874-4888  
Sacramento County Public Health (916) 875-5881

June 24, 2008

## Smoke-Related Health Statement

Sacramento, CA 6/24/08 – The Sacramento Metropolitan Air Quality Management District in consultation with Sacramento County Health Officer Glennah Trochet, M.D., is advising residents to take precautions and avoid outdoor activities due to the smoke in the Sacramento region caused by fires.

Hundreds of fires continue to burn in Northern and Central California and it is unlikely conditions will improve this week.

If you smell or see smoke, individuals should take the following actions:

- Everyone should avoid outdoor activities if you can see or smell smoke, even if you're healthy
- Children, the elderly and people with respiratory or heart conditions should be particularly careful to avoid exposure
- Stay indoors with doors and windows closed as much as possible
- Asthmatics should follow their asthma management plan
- Contact your doctor if you have symptoms of cough, shortness of breath, or other symptoms you believe to be caused by smoke
- Those with heart disease should especially limit their smoke exposure since PM can cause heart attacks

"The very small particles in smoke can irritate everyone's lungs, but are especially dangerous for those with lung and heart disease so outdoor exertion should be avoided," said Sacramento County Health Officer Glennah Trochet M.D.

To monitor current air quality conditions, please visit [www.SpareTheAir.com](http://www.SpareTheAir.com)



**COUNTY OF TEHAMA**  
**Air Pollution Control District**  
P.O. BOX 38 • RED BLUFF, CALIFORNIA 96080

ALAN ABBS  
Phone: (530) 527-3717

Fax: (530) 527-0959

AIR POLLUTION CONTROL OFFICER  
E-MAIL: [tehaped@snowerest.net](mailto:tehaped@snowerest.net)

FOR IMMEDIATE RELEASE

**RE: AIR QUALITY ADVISORY**

June 24, 2008

To: News Media  
Local Elected Officials  
County Health Officer  
Local Public Health Officials and Hospitals  
Schools Officials  
Tehama County City Managers

The air quality in Tehama County is in the unhealthy range. Conditions will most likely vary from unhealthy to moderate over short periods of time as smoke from wildland fires in the Northstate continue to burn.

Active children and adults, and people with respiratory disease, such as asthma, should limit prolonged outdoor exertion. The Tehama County Air Pollution Control District advises that these sensitive categories stay indoors and avoid intense physical activity in those areas where high smoke levels are visibly evident.

While all persons may experience varying degrees of symptoms, the more sensitive individuals are at greatest risk at experiencing more aggravated symptoms which may include, but are not limited to coughing, scratchy throat, watery and itchy eyes, and difficulty breathing.

Persons experiencing questionable or severe symptoms should seek professional medical advice.

In addition, all open burning is prohibited during this period.

For further information contact the Tehama County Air Pollution Control District at (530) 527-3717.

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- Those with heart disease should especially limit their smoke exposure since PM can cause heart attacks

"The very small particles in smoke can irritate everyone's lungs, but are especially dangerous for those with lung and heart disease so outdoor exertion should be avoided," said Sacramento County Health Officer Glennah Trochet M.D.

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# Shasta County

DEPARTMENT OF RESOURCE MANAGEMENT  
1855 Placer Street, Redding, CA 96001

Russ Mull, R.E.H.S., A.I.C.P.  
Director  
Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

June 24, 2008, 8:30 A.M

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We note that there is a visible haze in Shasta County, and the air smells like smoke. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

For addition information and updates you may call the District at 225-5674.

#####

☒ Suite 101  
AIR QUALITY MANAGEMENT DISTRICT  
(530) 225-5674  
FAX: (530) 225-5237

☐ Suite 102  
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FAX: (530) 225-5413

☐ Suite 200  
ADMINISTRATION & COMMUNITY EDUCATION  
(530) 225-5789  
FAX: (530)-225-5807

Toll Free Access Within Shasta County 1-800-528-2850



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1855 Placer Street, Redding, CA 96001

Russ Mull, R.E.H.S., A.I.C.P.  
Director

Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

June 25, 2008, 8:30 AM

### AIR QUALITY ADVISORY

REDDING, June 25, 2008 - The Shasta County Air Quality Management District is advising residents of Shasta County to limit outdoor activities due to the continuing presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the upper unhealthy range at approximately 196 on the Air Quality Index.

We note that there is a visible haze in Shasta County, and the air smells like smoke. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

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FOR IMMEDIATE RELEASE

**RE: AIR QUALITY ADVISORY**

June 25, 2008

To: News Media  
Local Elected Officials  
County Health Officer  
Local Public Health Officials and Hospitals  
Schools Officials  
Tehama County City Managers

RECEIVED

JUN 25 2008

SHASTA COUNTY AQMD

The air quality in Tehama County is in the unhealthy range. Conditions will most likely vary from unhealthy to moderate over short periods of time as smoke from wildland fires in the Northstate continue to burn.

Active children and adults, and people with respiratory disease, such as asthma, should limit prolonged outdoor exertion. The Tehama County Air Pollution Control District advises that these sensitive categories stay indoors and avoid intense physical activity in those areas where high smoke levels are visibly evident.

While all persons may experience varying degrees of symptoms, the more sensitive individuals are at greatest risk at experiencing more aggravated symptoms which may include, but are not limited to coughing, scratchy throat, watery and itchy eyes, and difficulty breathing.

Persons experiencing questionable or severe symptoms should seek professional medical advice.

In addition, all open burning is prohibited during this period.

For further information contact the Tehama County Air Pollution Control District at (530) 527-3717.



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Russ Mull, R.E.H.S., A.I.C.P.  
Director

Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

June 27, 2008, 8:30 AM

### AIR QUALITY UPDATE

REDDING, June 27, 2008 - The Shasta County Air Quality Management District is advising smoke sensitive residents of Shasta County to limit outdoor activities due to the continuing presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the **"Unhealthy for Sensitive Individuals"** range at approximately 116 on the Air Quality Index.

We note that there is still visible haze in Shasta County, the air may smell like smoke and that smoke accumulations are variable throughout the county. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion in areas of noticeable smoke accumulation. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

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SACRAMENTO METROPOLITAN


**AIR QUALITY**  
 MANAGEMENT DISTRICT


June 27, 2008

 Contacts: Sacramento County Public Health Communications: (916) 875-5881  
 Sacramento Metropolitan AQMD Communications: (916) 874-4888

## Smoke-Related Health Statement

(Sacramento, CA) – As the Sacramento region faces another day of unhealthy air quality, the Sacramento Metropolitan Air Quality Management District and Sacramento County Public Health Division are advising residents to take precautions and avoid voluntary outdoor activities as smoke from wildfires continues to remain at ground level.

Sacramento County Health Officer Glennah Trochet, M.D., recommends the voluntary cancellation of outdoor recreational activities such as sports practices and games as long as smoke continues to push air quality into the "Unhealthy" range of the Air Quality Index. "We acknowledge cancellation of these programs can be a hardship for all participants, and we appreciate those who have taken the step to put the health of their participants ahead of other considerations during this extended period of unhealthy air quality," Trochet said.

A short video message from Dr. Trochet outlining the health impacts of smoke and steps residents can take to protect themselves can be found by clicking on the **Smoke Advisory** graphic at the Public Health web site, [www.SCPH.com](http://www.SCPH.com). The latest air quality forecasts and real-time air quality readings at air monitoring stations throughout the region can be viewed at [www.SpareTheAir.com](http://www.SpareTheAir.com).

Hundreds of wildfires continue to burn in Northern California, and there is concern that weekend thunderstorms could spark more lightning-caused blazes. Individuals who see or smell smoke should take the following actions to protect their health:

- Avoid voluntary outdoor activities if you can see or smell smoke, even if you're healthy
- Children, the elderly and people with respiratory or heart conditions should be particularly careful to avoid exposure
- Stay indoors with doors and windows closed as much as possible
- Asthmatics should follow their asthma management plan
- Contact your doctor if you have symptoms of cough, shortness of breath, or other symptoms you believe to be caused by smoke
- Those with heart disease should especially limit their smoke exposure since PM can cause heart attacks

The very small particles in smoke can irritate the lungs of even healthy people, but are especially dangerous for seniors, children and those with lung and heart disease. For additional information on air quality health effects, or to sign up for free Air Alert advisories delivered directly to your cell phone or e-mail account, please visit [www.SpareTheAir.com](http://www.SpareTheAir.com).



# Quality of Air Means Quality of Life

Local Forecasts & Conditions

### National Overview

- Forecast
- Particles Now
- Ozone Now
- Action Days
- Archives
- International

[AQI Summary](#)

[About AIRNow](#)

### Partners

- For Partners
- List of Partners

### Air Quality Basics

- Air Quality Index
- Ozone
- Particle Pollution
- UV

### The AQI for...

- Health Providers
- Kids
- Students
- Older Adults
- Teachers
- Weathercasters

### Key Topics:

- Your Health
- Smoke from Fires

### Resources

- AQI in Google
- Earth
- Publications
- Publicaciones
- FAQs
- What You Can Do
- Movies
- NAQ Conferences
- About the Data

[Contact Us](#)

[Privacy and Security Notice](#)

[Accessibility](#)

## AQI Calculator: Concentration to AQI



Select a criteria pollutant and enter the pollutant concentration in the specified units above; the Air Quality Index and associated information are calculated below.

Requires Internet Explorer 6.0 or Netscape version 7.01.

### Select a Pollutant

PM2.5 - Particulate <2.5 microns (24hr avg)

Units Required:

Enter the Concentration:

AQI **AQI Category**

116

### Sensitive Groups

People with respiratory or heart disease, the elderly and children are the groups most at risk.

### Health Effects Statements

Increasing likelihood of respiratory symptoms in sensitive individuals, aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly.

### Cautionary Statements

People with respiratory or heart disease, the elderly and children should limit prolonged exertion.

[AQI Calculator: AQI to Concentration](#)

AIRNow is a government-backed program. Through AIRNow, EPA, NOAA, NPS, news media, tribal, state, and local agencies work together to report conditions for ozone and particle pollution. State, Local and Tribal Partners.





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IMMEDIATE RELEASE

June 30, 2008, 8:30 AM

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REDDING, June 30, 2008 - The Shasta County Air Quality Management District is advising smoke sensitive residents of Shasta County to limit outdoor activities due to the continuing presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the **"Unhealthy for Sensitive Individuals"** range at approximately 130 on the Air Quality Index.

We note that there is still visible haze in Shasta County, the air may smell like smoke and that smoke accumulations are variable throughout the county. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion in areas of noticeable smoke accumulation. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

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**Key Topics:**

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- Smoke from Fires

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- FAQs
- What You Can Do
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## AQI Calculator: Concentration to AQI



Select a criteria pollutant and enter the pollutant concentration in the specified units above; the Air Quality Index and associated information are calculated below.  
Requires Internet Explorer 6.0 or Netscape version 7.01.

**Select a Pollutant**

PM2.5 - Particulate <2.5 microns (24hr avg)

Units Required:

Enter the Concentration:

**AQI**

**AQI Category**

130

Unhealthy for Sensitive Groups

**Sensitive Groups**

People with respiratory or heart disease, the elderly and children are the groups most at risk.

**Health Effects Statements**

Increasing likelihood of respiratory symptoms in sensitive individuals, aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly.

**Cautionary Statements**

People with respiratory or heart disease, the elderly and children should limit prolonged exertion.

[AQI Calculator: AQI to Concentration](#)

AIRNow is a government-backed program. Through AIRNow, EPA, NOAA, NPS, news media, tribal, state, and local agencies work together to report conditions for ozone and particle pollution. State, Local and Tribal Partners.





# Shasta County

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1855 Placer Street, Redding, CA 96001

Russ Mull, R.E.H.S., A.I.C.P.  
Director  
Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

July 2, 2008, 8:30 AM

### AIR QUALITY UPDATE

REDDING, July 2, 2008 - The Shasta County Air Quality Management District is advising smoke sensitive residents of Shasta County to limit outdoor activities due to the continuing presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the **"Moderate"** range at approximately 90 on the Air Quality Index.

We note that there is still visible haze in Shasta County, the air may smell like smoke and that smoke accumulations are variable throughout the county. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion in areas of noticeable smoke accumulation. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

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AQI Summary

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**The AQI for...**  
Health Providers  
Kids  
Students  
Older Adults  
Teachers  
Weathercasters

**Key Topics:**  
Your Health  
Smoke from Fires

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Requires Internet Explorer 6.0 or Netscape version 7.01.

### Select a Pollutant

PM2.5 - Particulate <2.5 microns (24hr avg)

Units Required:

Enter the Concentration:

**AQI**                      **AQI Category**  
90                      Moderate

Sensitive Groups	Health Effects Statements	Cautionary Statements
People with respiratory or heart disease, the elderly and children are the groups most at risk.	None	None

[AQI Calculator: AQI to Concentration](#)

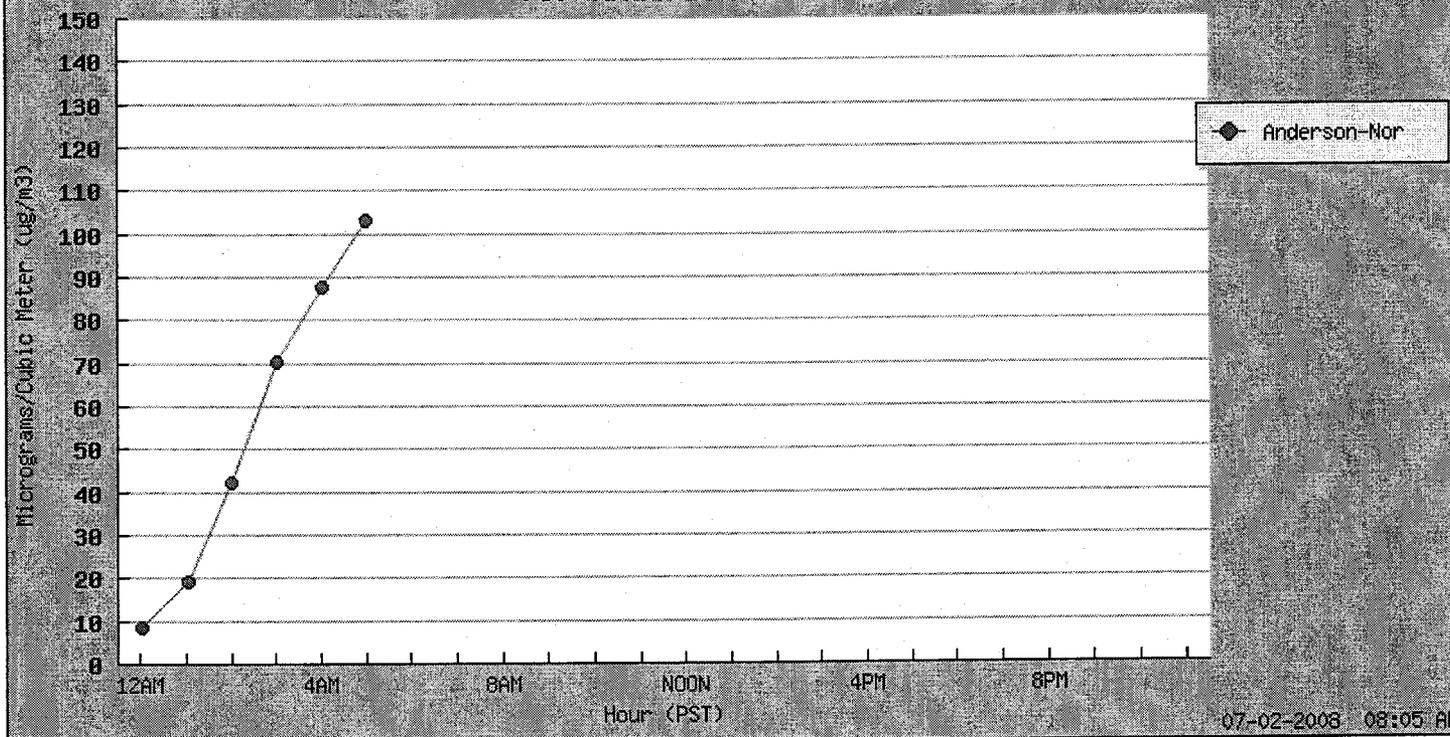
AIRNow is a government-backed program. Through AIRNow, EPA, NOAA, NPS, news media, tribal, state, and local agencies work together to report conditions for ozone and particle pollution. State, Local and Tribal Partners.





Data are preliminary

Particulate Matter 2.5 microns and less, using BAM Hourly values for 07/02/2008 for Anderson-North Street



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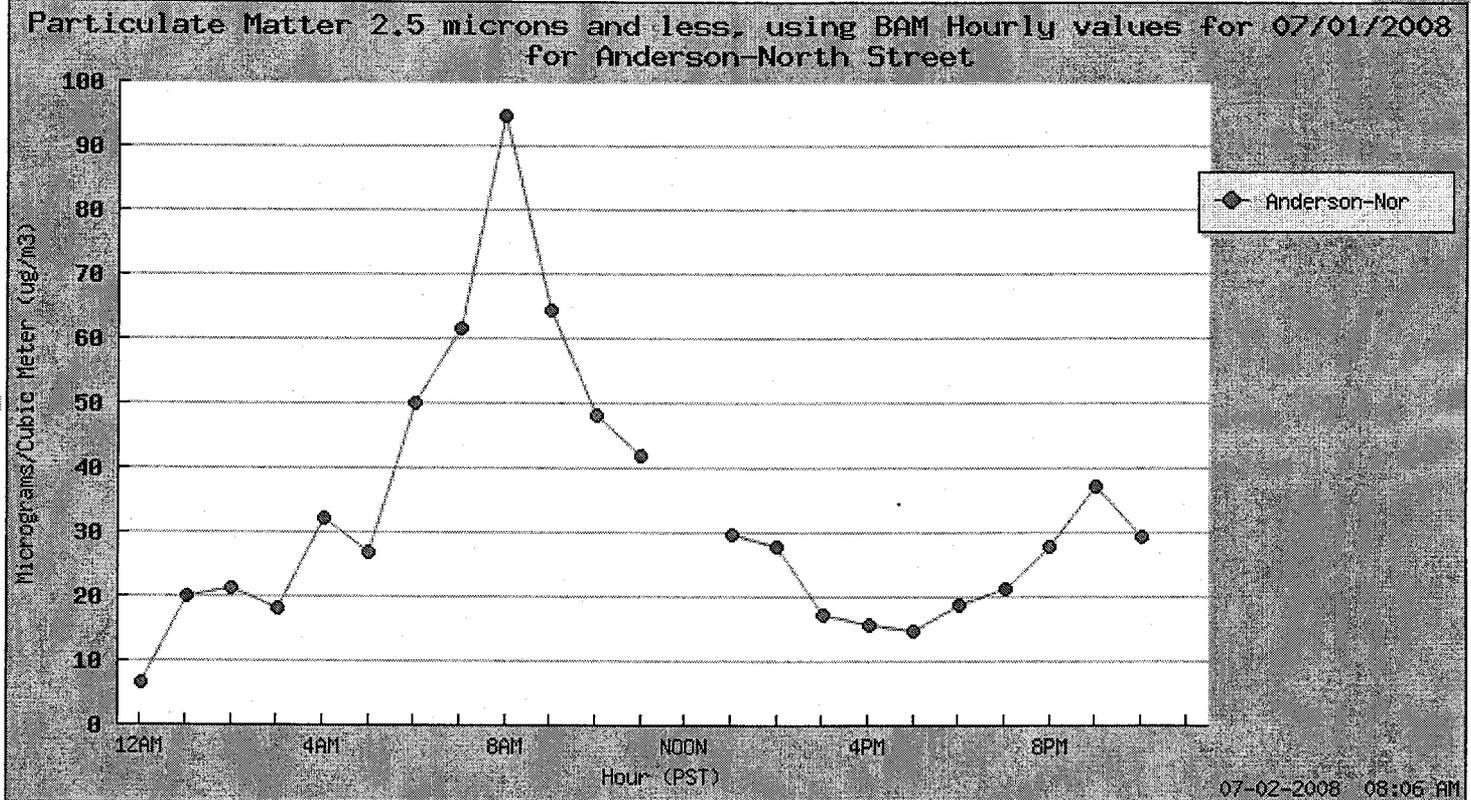
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# Shasta County

DEPARTMENT OF RESOURCE MANAGEMENT  
1855 Placer Street, Redding, CA 96001

Russ Mull, R.E.H.S., A.I.C.P.  
Director

Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

July 17, 2008, 8:30 AM

### AIR QUALITY UPDATE

REDDING, July 17, 2008 - The Shasta County Air Quality Management District is advising smoke sensitive residents of Shasta County to limit outdoor activities due to the continuing presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the "**Moderate**" range at approximately 73 on the Air Quality Index.

We note that there is still visible haze in Shasta County, the air may smell like smoke and that smoke accumulations are variable throughout the county. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion in areas of noticeable smoke accumulation. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

For additional information and updates you may call the District at 225-5674.

#####

☒ Suite 101  
AIR QUALITY MANAGEMENT DISTRICT  
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COUNTY OF TEHAMA  
**Air Pollution Control District**  
P.O. BOX 8069 • RED BLUFF, CALIFORNIA 96080

ALAN ABBS  
Phone: (530) 527-3717

AIR POLLUTION CONTROL OFFICER  
Fax: (530) 527-0959

FOR IMMEDIATE RELEASE

RE: AIR QUALITY ADVISORY

July 17, 2008

To: News Media  
Local Elected Officials  
County Health Officer  
Local Public Health Officials and Hospitals  
Schools Officials  
Tehama County City Managers

RECEIVED  
JUL 17 2008  
SHASTA COUNTY AQMD

The air quality in Tehama County is in the moderate to unhealthy range. Conditions will most likely worsen as smoke from the wildland fires continue to burn in surrounding areas.

Unusually sensitive people should consider limiting prolonged outdoor exertions. While all persons may experience varying degrees of symptoms, the more sensitive individuals are at greatest risk at experiencing more aggravated symptoms which may include, but are not limited to coughing, scratchy throat, watery and itchy eyes, and difficulty breathing.

Persons experiencing questionable or severe symptoms should seek professional medical advice.

In addition, all open burning is prohibited during this period.

For further information contact the Tehama County Air Pollution Control District at (530) 527-3717.



# Shasta County

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1855 Placer Street, Redding, CA 96001

Russ Mull, R.E.H.S., A.I.C.P.  
Director  
Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

July 18, 2008, 8:30 AM

### AIR QUALITY UPDATE

REDDING, July 18, 2008 - The Shasta County Air Quality Management District is advising smoke sensitive residents of Shasta County to limit outdoor activities due to the continuing presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the **"Moderate"** range at approximately 74 on the Air Quality Index.

We note that there is still visible haze in Shasta County, the air may smell like smoke and that smoke accumulations are variable throughout the county. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion in areas of noticeable smoke accumulation. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

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# Shasta County

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Russ Mull, R.E.H.S., A.I.C.P.  
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Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

July 18, 2008, 4:30 PM

### AIR QUALITY UPDATE

REDDING, July 18, 2008 - The Shasta County Air Quality Management District is advising smoke sensitive residents of Shasta County to limit outdoor activities due to the continuing presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the **"Unhealthy for Sensitive Individuals"** range at approximately 113 on the Air Quality Index.

We note that there is still visible haze in Shasta County, the air may smell like smoke and that smoke accumulations are variable throughout the county. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion in areas of noticeable smoke accumulation. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

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NEWS RELEASE

IMMEDIATE RELEASE

July 18, 2008, 8:30 AM

**AIR QUALITY UPDATE**

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We note that there is still visible haze in Shasta County, the air may smell like smoke and that smoke accumulations are variable throughout the county. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion in areas of noticeable smoke accumulation. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

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## AQI Calculator: Concentration to AQI



Select a criteria pollutant and enter the pollutant concentration in the specified units above; the Air Quality Index and associated information are calculated below.  
Requires Internet Explorer 6.0 or Netscape version 7.01.

**Select a Pollutant**

PM2.5 - Particulate <2.5 microns (24hr avg)

Units Required:

Enter the Concentration:

**AQI**                      **AQI Category**

74                      Moderate

**Sensitive Groups**

People with respiratory or heart disease, the elderly and children are the groups most at risk.

**Health Effects Statements**

None

**Cautionary Statements**

None

[AQI Calculator: AQI to Concentration](#)

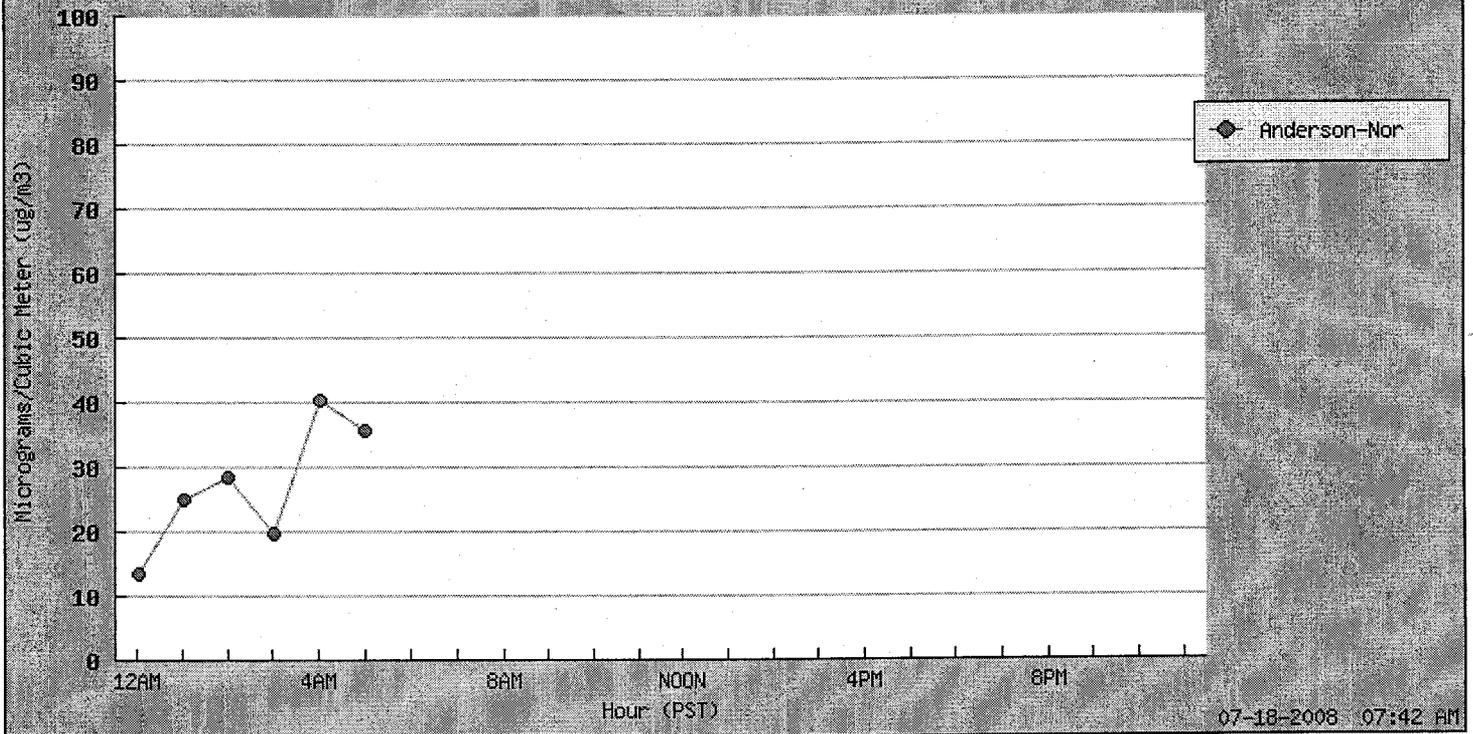
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Data are preliminary

Particulate Matter 2.5 microns and less, using BAM Hourly values for 07/18/2008 for Anderson-North Street



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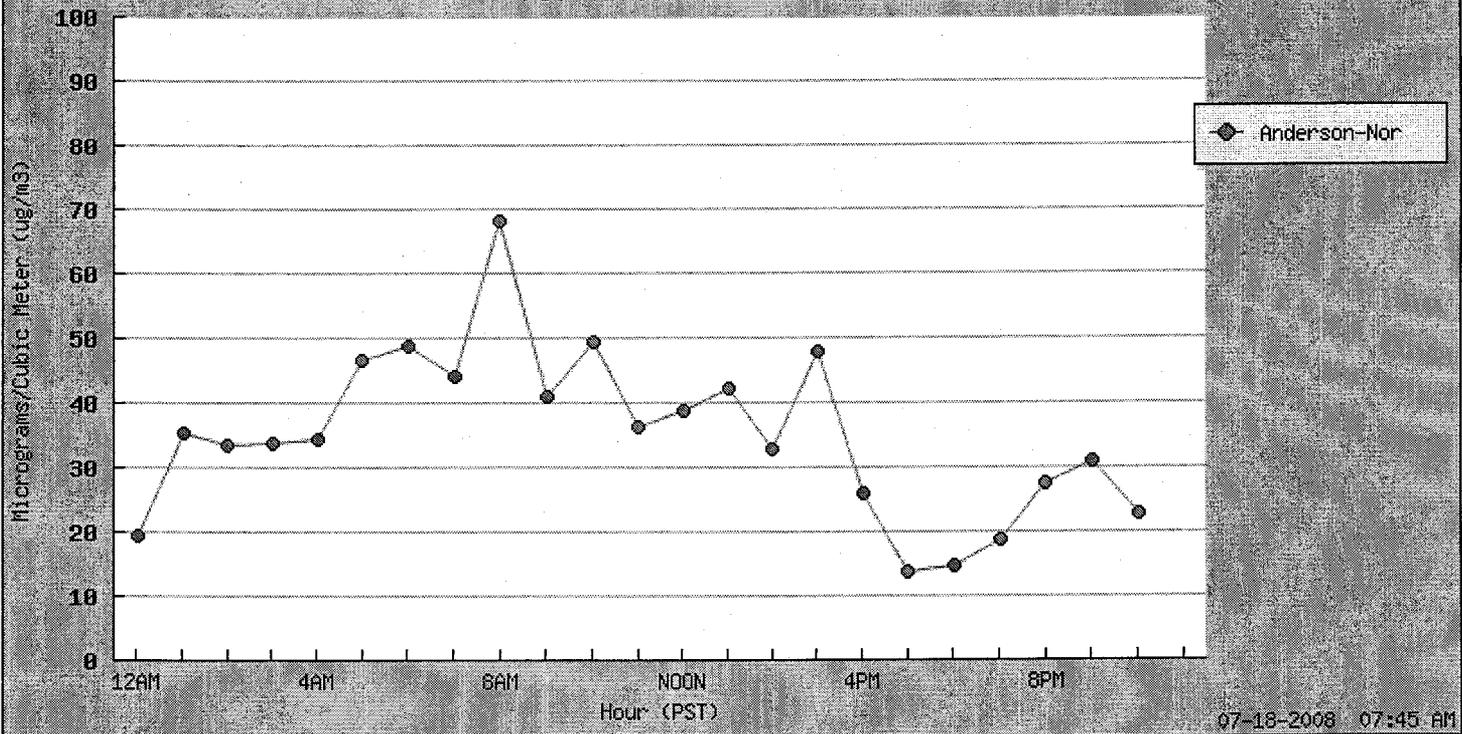
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Data are preliminary

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07-18-2008 07:45 AM

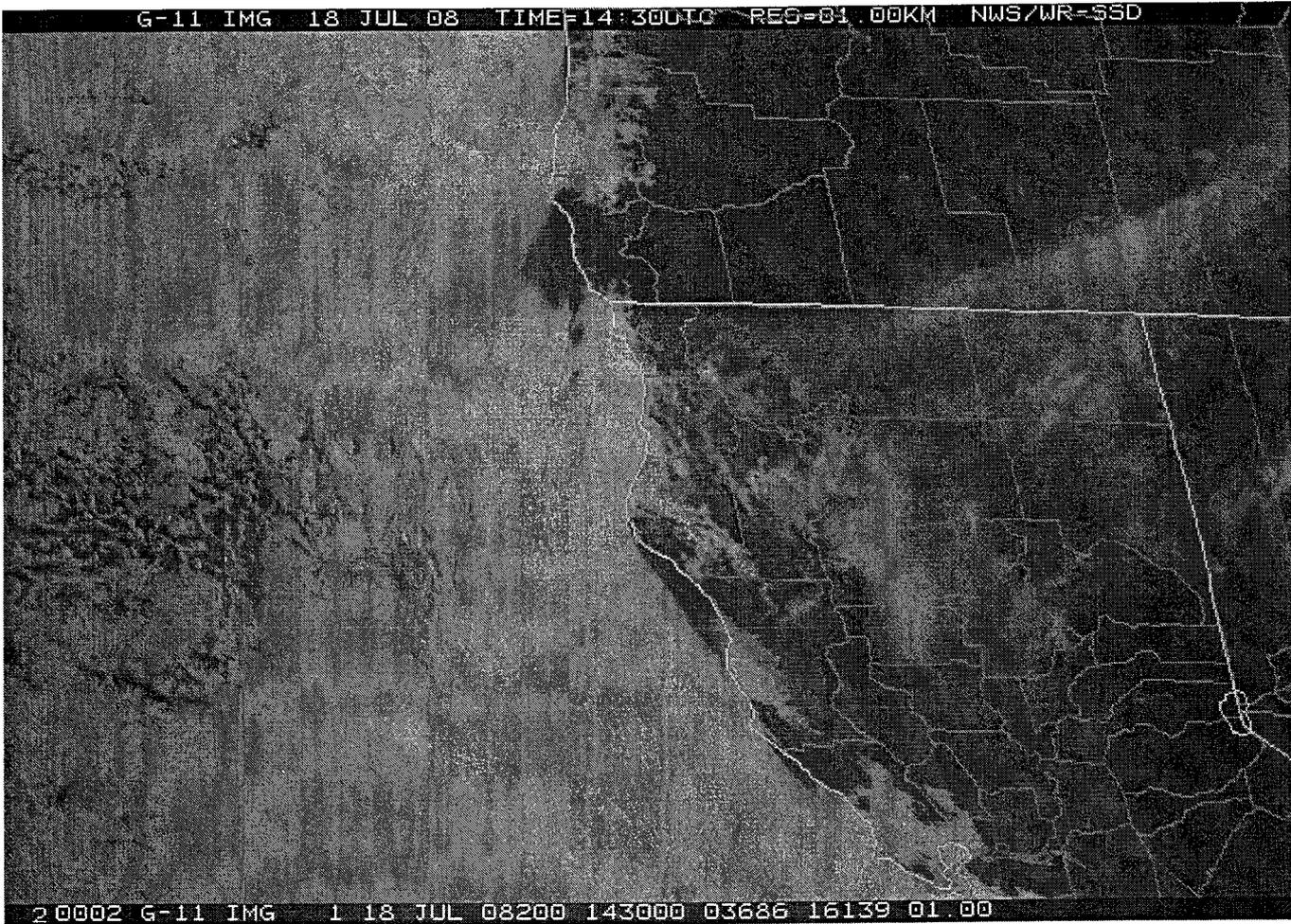
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# Shasta County

DEPARTMENT OF RESOURCE MANAGEMENT  
1855 Placer Street, Redding, CA 96001

Russ Mull, R.E.H.S., A.I.C.P.  
Director  
Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

July 23, 2008, 8:30 A.M

### AIR QUALITY ADVISORY

REDDING, July 23, 2008 - The Shasta County Air Quality Management District is advising residents of Shasta County to limit outdoor activities due to the presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the "Unhealthy" range at approximately 158 on the Air Quality Index.

We note that there is a visible haze in Shasta County, and the air smells like smoke. People with respiratory or heart disease, the elderly, and children should avoid prolonged exertion, everyone else should limit prolonged exertion. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

For additional information and updates you may call the District at 225-5674.

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# Shasta County

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1855 Placer Street, Redding, CA 96001

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## NEWS RELEASE

IMMEDIATE RELEASE

July 23, 2008, 8:30 A.M

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## AQI Calculator: Concentration to AQI



Select a criteria pollutant and enter the pollutant concentration in the specified units above; the Air Quality Index and associated information are calculated below.  
 Requires Internet Explorer 6.0 or Netscape version 7.01.

### Select a Pollutant

PM2.5 - Particulate <2.5 microns (24hr avg)

Units Required:

Enter the Concentration:

AQI	AQI Category
158	Unhealthy

Sensitive Groups	Health Effects Statements	Cautionary Statements
People with respiratory or heart disease, the elderly and children are the groups most at risk.	Increased aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly; increased respiratory effects in general population.	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion.

[AQI Calculator: AQI to Concentration](#)

AIRNow is a government-backed program. Through AIRNow, EPA, NOAA, NPS, news media, tribal, state, and local agencies work together to report conditions for ozone and particle pollution. State, Local and Tribal Partners.



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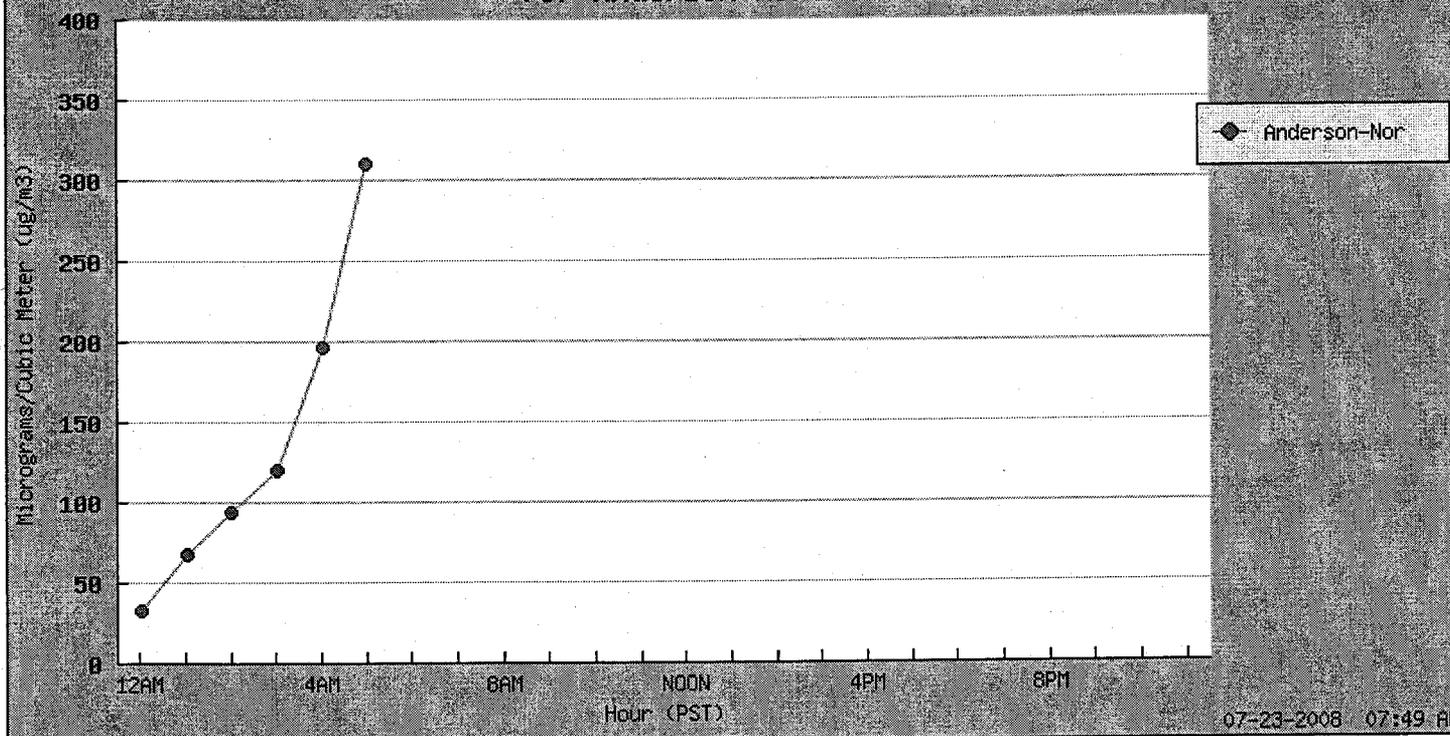
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Data are preliminary

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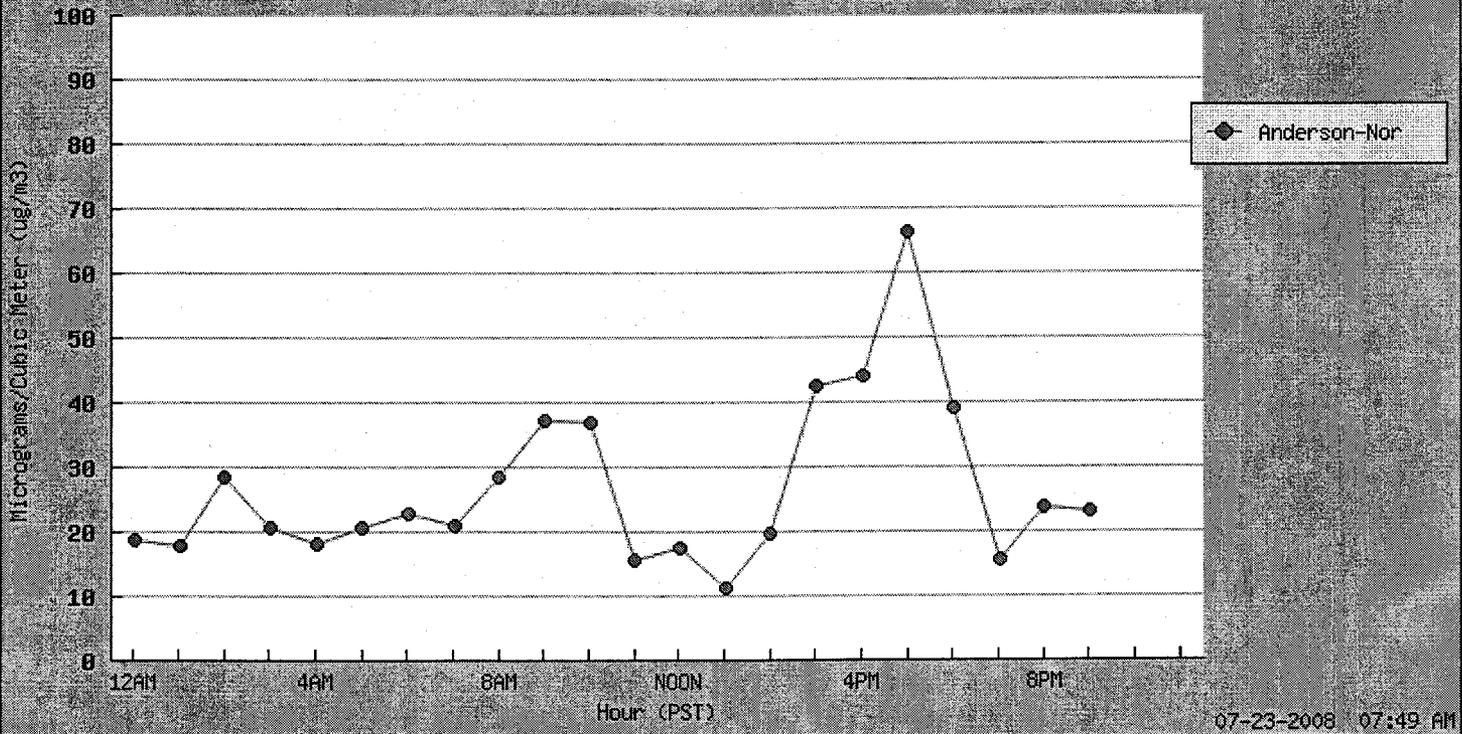
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Data are preliminary

Particulate Matter 2.5 microns and less, using BAM Hourly values for 07/22/2008 for Anderson-North Street



07-23-2008 07:49 AM

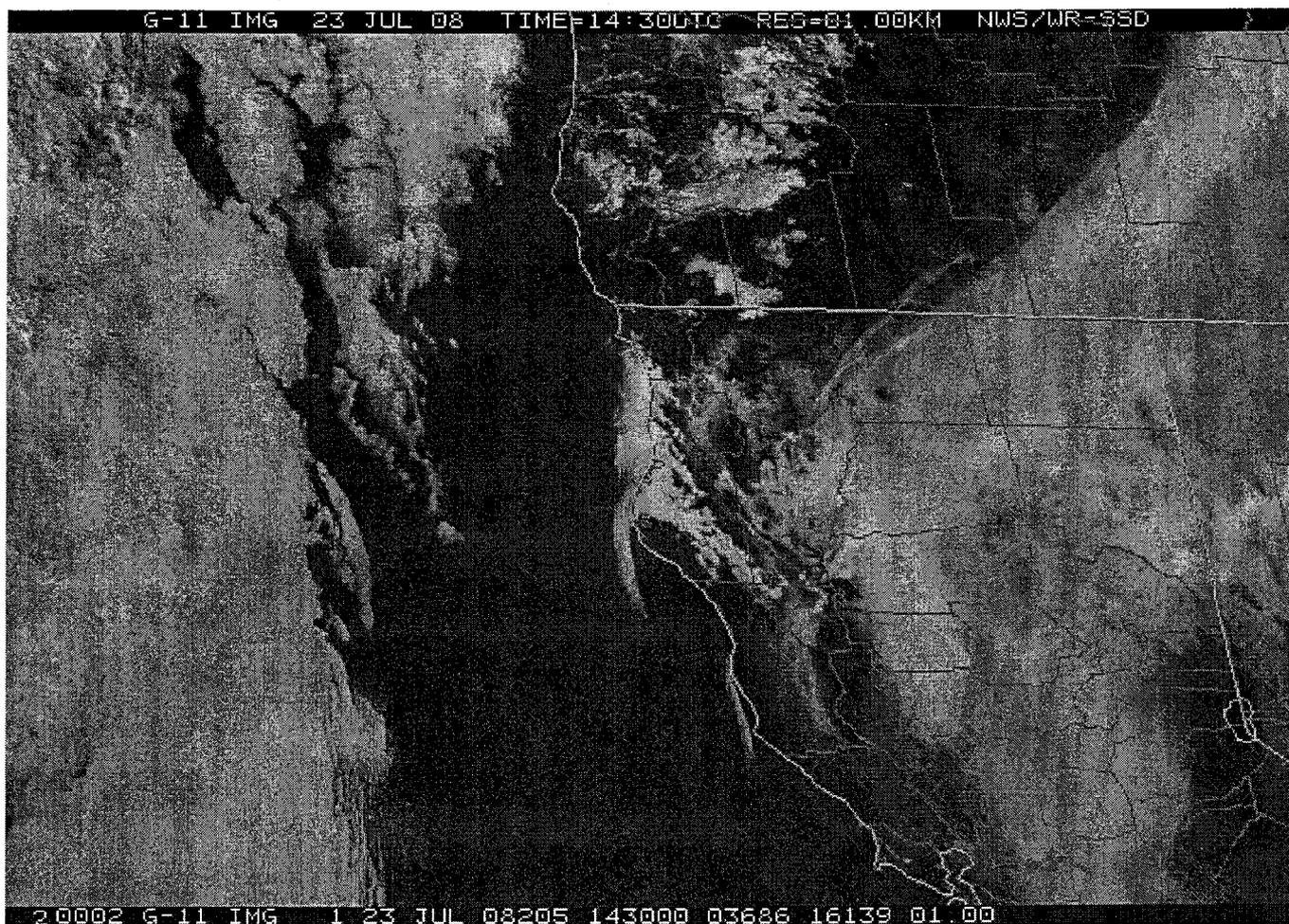
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# Shasta County

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1855 Placer Street, Redding, CA 96001

Russ Mull, R.E.H.S., A.I.C.P.  
Director  
Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

July 24, 2008, 8:30 A.M

### AIR QUALITY ADVISORY

REDDING, July 24, 2008 - The Shasta County Air Quality Management District is advising residents of Shasta County to limit outdoor activities due to the presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the **"Very Unhealthy"** range at approximately 226 on the Air Quality Index.

We note that there is a visible haze in Shasta County, and the air smells like smoke. People with respiratory or heart disease, the elderly, and children should avoid any outdoor activity, everyone else should avoid prolonged exertion. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

For additional information and updates you may call the District at 225-5674.

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July 24, 2008, 8:30 A.M

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## AQI Calculator: Concentration to AQI



Select a criteria pollutant and enter the pollutant concentration in the specified units above; the Air Quality Index and associated information are calculated below.  
Requires Internet Explorer 6.0 or Netscape version 7.01.

**Select a Pollutant**

PM2.5 - Particulate <2.5 microns (24hr avg)

Units Required:

Enter the Concentration:

AQI	AQI Category
226	Very Unhealthy

**Sensitive Groups**

People with respiratory or heart disease, the elderly and children are the groups most at risk.

**Health Effects Statements**

Significant aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly; significant increase in respiratory effects in general population.

**Cautionary Statements**

People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion.

[AQI Calculator: AQI to Concentration](#)

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## Air Quality Index (AQI) - A Guide to Air Quality and Your Health

The AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you. The AQI focuses on health effects you may experience within a few hours or days after breathing polluted air. EPA calculates the AQI for five major air pollutants regulated by the Clean Air Act: ground-level ozone, particle pollution (also known as particulate matter), carbon monoxide, sulfur dioxide, and nitrogen dioxide. For each of these pollutants, EPA has established national air quality standards to protect public health. Ground-level ozone and airborne particles are the two pollutants that pose the greatest threat to human health in this country.

### How Does the AQI Work?

Think of the AQI as a yardstick that runs from 0 to 500. The higher the AQI value, the greater the level of air pollution and the greater the health concern. For example, an AQI value of 50 represents good air quality with little potential to affect public health, while an AQI value over 300 represents hazardous air quality.

An AQI value of 100 generally corresponds to the national air quality standard for the pollutant, which is the level EPA has set to protect public health. AQI values below 100 are generally thought of as satisfactory. When AQI values are above 100, air quality is considered to be unhealthy-at first for certain sensitive groups of people, then for everyone as AQI values get higher.

### Understanding the AQI

The purpose of the AQI is to help you understand what local air quality means to your health. To make it easier to understand, the AQI is divided into six categories:

Air Quality Index (AQI) Values	Levels of Health Concern	Colors
<i>When the AQI is in this range:</i>	<i>...air quality conditions are:</i>	<i>...as symbolized by this color:</i>
0 to 50	Good	Green
51 to 100	Moderate	Yellow
101 to 150	Unhealthy for Sensitive Groups	Orange
151 to 200	Unhealthy	Red
201 to 300	Very Unhealthy	Purple
301 to 500	Hazardous	Maroon

Each category corresponds to a different level of health concern. The six levels of health concern and what they mean are:

Publications

[Air Quality Index - A Guide to Air Quality and Your Health](#)

[Air Quality Guide for Ozone](#)

[Air Quality Guide for Particle Pollution](#)

[Other AIRNow Publications](#)

[Other AIRNow Publications - En Español](#)

Order any of our AIRNow publications from EPA's NSCEP

- **"Good"** The AQI value for your community is between 0 and 50. Air quality is considered satisfactory, and air pollution poses little or no risk.
- **"Moderate"** The AQI for your community is between 51 and 100. Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people. For example, people who are unusually sensitive to ozone may experience respiratory symptoms.
- **"Unhealthy for Sensitive Groups"** When AQI values are between 101 and 150, members of sensitive groups may experience health effects. This means they are likely to be affected at lower levels than the general public. For example, people with lung disease are at greater risk from exposure to ozone, while people with either lung disease or heart disease are at greater risk from exposure to particle pollution. The general public is not likely to be affected when the AQI is in this range.
- **"Unhealthy"** Everyone may begin to experience health effects when AQI values are between 151 and 200. Members of sensitive groups may experience more serious health effects.
- **"Very Unhealthy"** AQI values between 201 and 300 trigger a health alert, meaning everyone may experience more serious health effects.
- **"Hazardous"** AQI values over 300 trigger health warnings of emergency conditions. The entire population is more likely to be affected.

#### AQI colors

EPA has assigned a specific color to each AQI category to make it easier for people to understand quickly whether air pollution is reaching unhealthy levels in their communities. For example, the color orange means that conditions are "unhealthy for sensitive groups," while red means that conditions may be "unhealthy for everyone," and so on.

Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0-50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51-100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101-150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151-200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201-300	Health alert: everyone may experience more serious health effects.
Hazardous	> 300	Health warnings of emergency conditions. The entire population is more likely to be affected.

This page was last updated on Tuesday, November 27, 2007.

AIRNow is a government-backed program. Through AIRNow, EPA, NOAA, NPS, news media, tribal, state, and local agencies work together to report conditions for ozone and particle pollution. State, Local and Tribal Partners.



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[NOAA-National](#)



[NASA](#)



[National Park Service](#)



[National Association](#)

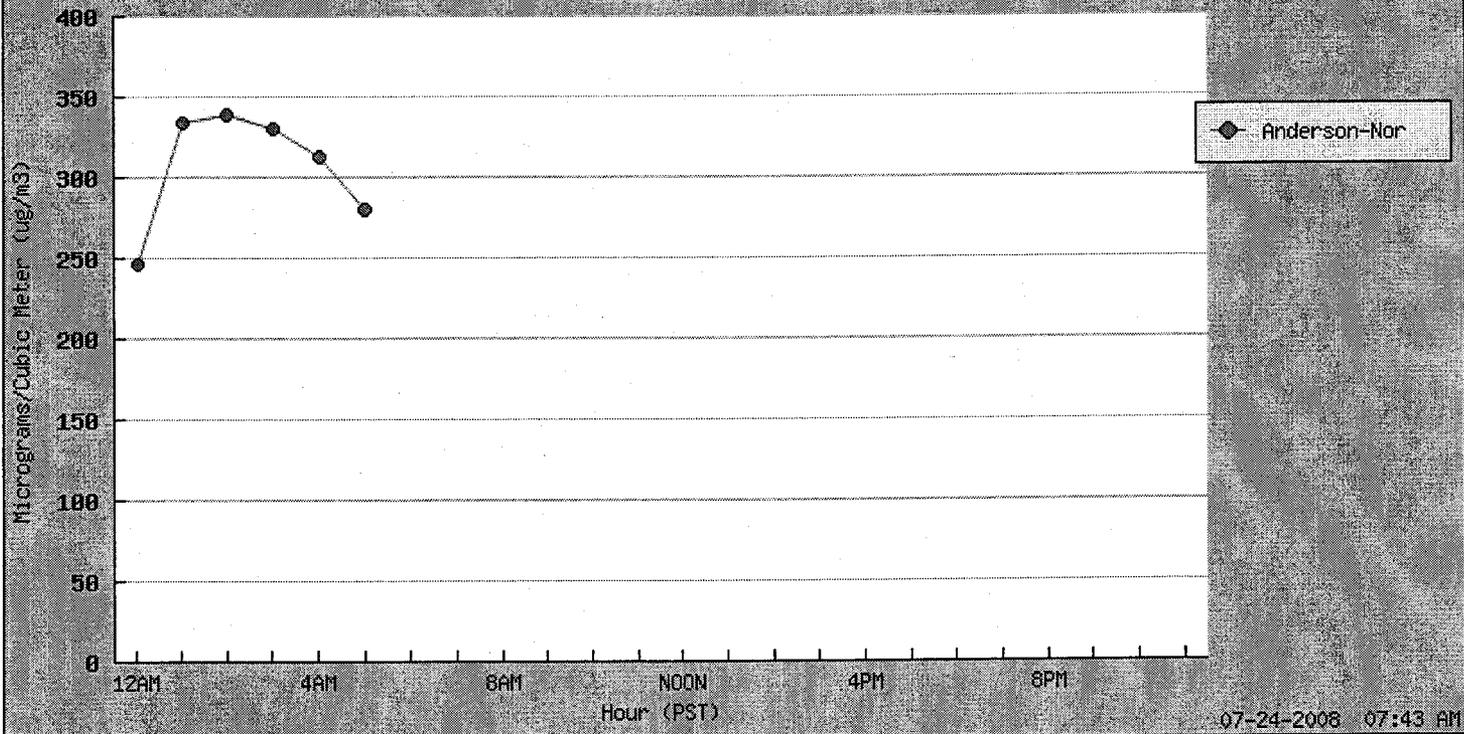


[Environment Canada](#)



Data are preliminary

Particulate Matter 2.5 microns and less, using BAM Hourly values for 07/24/2008 for Anderson-North Street



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[Air Quality Index \(AQI\)](#) | [Year-to-Date Ozone Report](#)

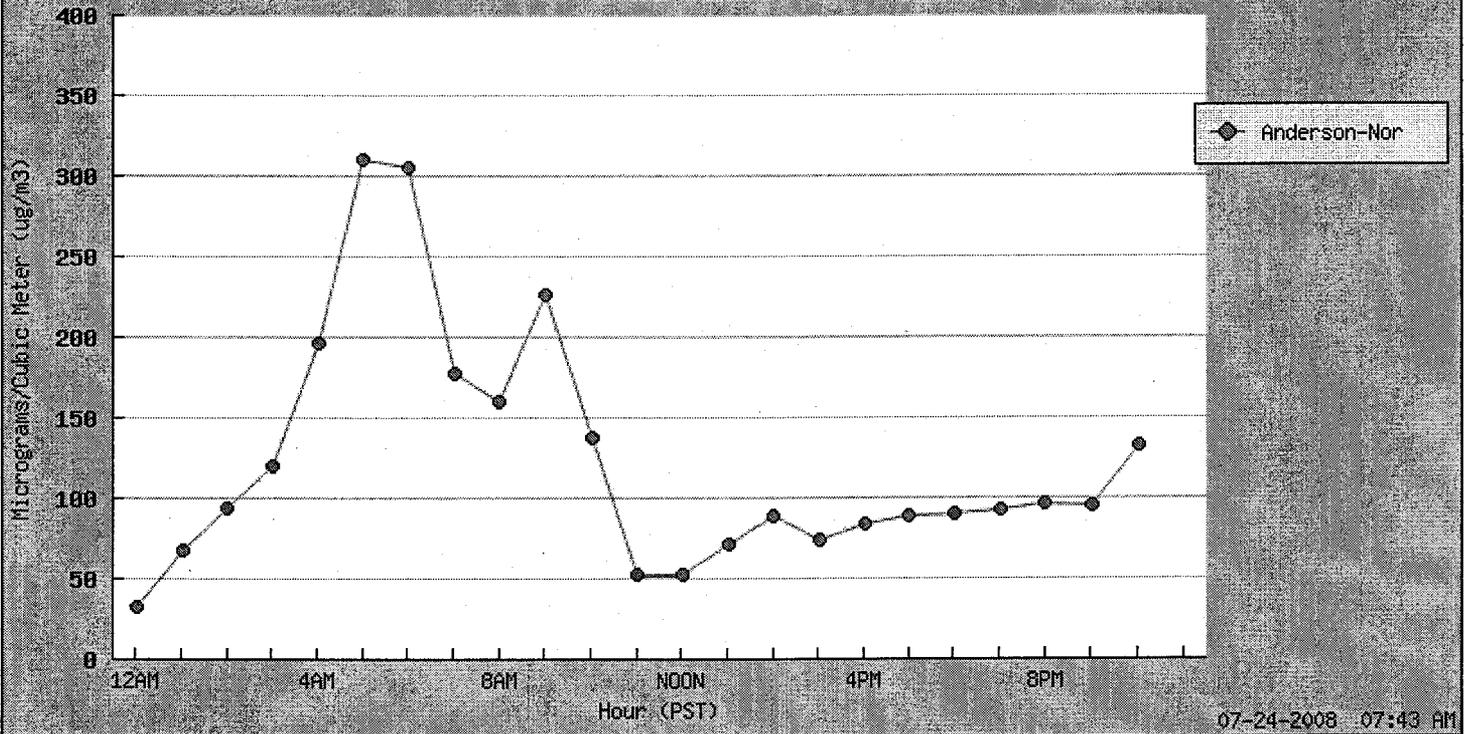
[AQMIS Real-Time Query Tool](#)

A department of the California Environmental Protection Agency



Data are preliminary

Particulate Matter 2.5 microns and less, using BAM Hourly values for 07/23/2008 for Anderson-North Street



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20002 G-11 IMG 1 24 JUL 08206 143000 03686 16139 01.00



# Shasta County

DEPARTMENT OF RESOURCE MANAGEMENT  
1855 Placer Street, Redding, CA 96001

Russ Mull, R.E.H.S., A.I.C.P.  
Director

Richard W. Simon,  
Assistant Director

## NEWS RELEASE

IMMEDIATE RELEASE

July 25, 2008, 8:30 A.M

### AIR QUALITY ADVISORY

REDDING, July 25, 2008 - The Shasta County Air Quality Management District is advising residents of Shasta County to limit outdoor activities due to the presence of wildfire smoke. The District operates one air quality monitor that continuously monitors for small particulate matter under 2.5 microns in size (PM2.5). This monitor, located in Anderson, is showing readings currently in the "**Very Unhealthy**" range at approximately 221 on the Air Quality Index.

We note that there is a visible haze in Shasta County, and the air smells like smoke. People with respiratory or heart disease, the elderly, and children should avoid any outdoor activity, everyone else should avoid prolonged exertion. Individuals wishing to minimize their exposure should limit exercise and outdoor activities, remain indoors with the windows closed, and turn on an air conditioner.

For additional information and updates you may call the District at 225-5674.

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(530) 225-5674  
FAX: (530) 225-5237

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☐ Suite 103  
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