
Comprehensive Data Management of WRAP Emissions Data

EPA Emission Inventory Conference
April 14, 2009
Baltimore, MD

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Overview

- What is WRAP?
 - WRAP-sponsored Web Sites
 - WRAP Data Sources
 - Emissions
 - Modeling
 - Emissions Data Management System (EDMS)
 - Technical Support System (TSS)
 - Recent integration of EDMS and TSS
-

What is WRAP?

- Western Regional Air Partnership

<http://wrapair.org/>

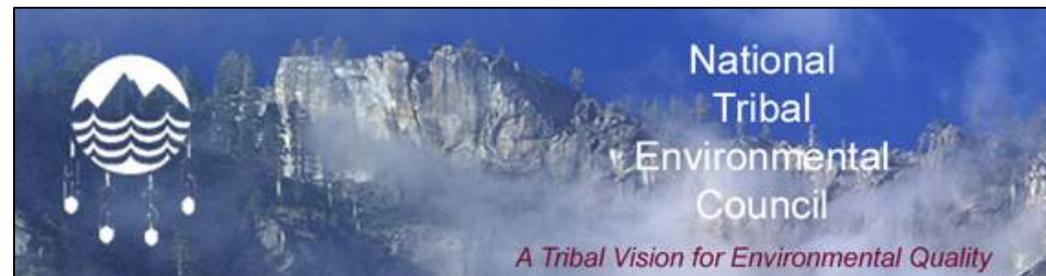
- Formed in 1997 as the successor to the Grand Canyon Visibility Transport Commission
- Voluntary organization of western states, tribes, and federal agencies
- Committees and forums composed of members and stakeholders representing a wide range of viewpoints



What is WRAP? (cont.)



- Meetings are open to the public
- Sponsored research, findings, and reports are posted on the WRAP web site
- Administered by the Western Governors' Association (WGA) and the National Tribal Environmental Council (NTEC)
- Funded by the U.S. EPA



WRAP Technical Information Centers



Visibility Information Exchange Web System (VIEWS): VIEWS provides on-line access to monitoring data, research results and special studies related to visibility.

<http://vista.cira.colostate.edu/views/>



Regional Modeling Center: The WRAP's Regional Modeling Center at the University of California Riverside provides state and tribal agencies with sophisticated modeling of regional haze in the Western United States. <http://pah.cert.ucr.edu/aqm/308/>



Emissions Data Management System: An emission inventory data warehouse for states and tribes. The system provides a consistent, complete and regional approach to emissions data management and tracking. <http://www.wrapedms.org/>



Fire Emissions Tracking System (FETS): FETS is a database with a web interface for planned and unplanned fire events. Users can map fire data on-screen, and query the database for downloads in model-ready formats. <http://www.wrapfets.org/>



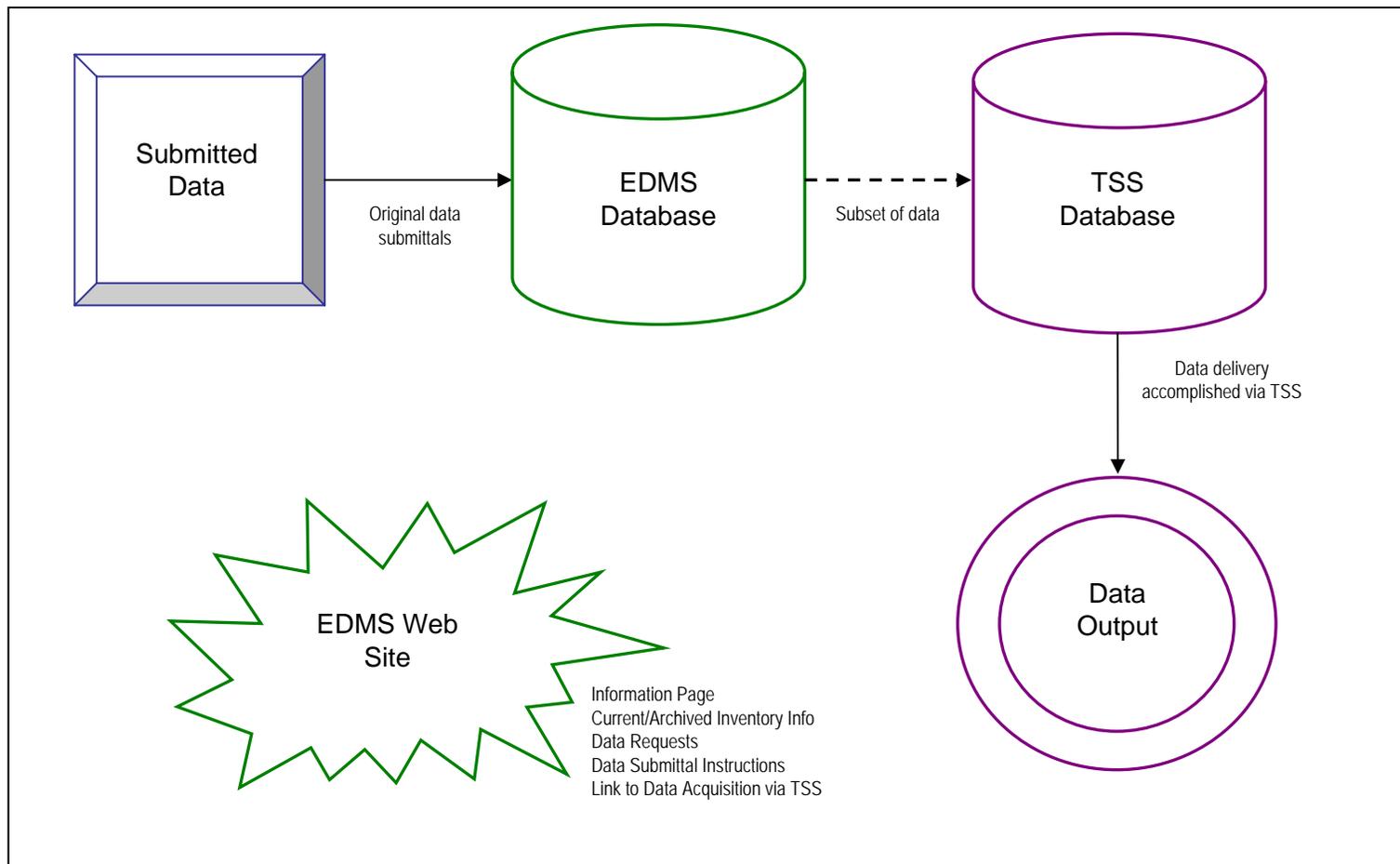
Causes of Haze Assessment: A detailed analysis of ambient monitoring data for regional haze in the WRAP region. <http://www.coha.dri.edu/>



The **Technical Support System** integrates results from these technical information centers under one web-based umbrella.

<http://vista.cira.colostate.edu/tss>

EDMS – TSS Relationship



WRAP Emissions Data Management System (EDMS)

What? Why? Who?

- Central repository of emission inventory data:
 - Multiple pollutants
 - Area, Point, Mobile, Biogenic, Fire Sectors
 - 2002 and 2018 Inventories (addition of 2005 in progress)
 - Provides regional WRAP emissions tracking
 - Support SIP/TIP development
 - EPA Regional Haze Rule
 - Modeling
 - Joint effort among states, counties and tribal entities across WRAP
-

EDMS Home Page

HOME CONTACT

You are here: EDMS > Home Thursday, April 02, 2009 -

Home

- What's New
- Submit Data
- Contact Us

Resources

- Inventory Descriptions
- Pollutant Descriptions
- EDMS Events
- EDMS FAQ

Partners

- WRAP
- ARS
- Air Sciences
- CIRA

Welcome to the WRAP EDMS Web Site

The Emissions Data Management System (EDMS) is an emission inventory data warehouse that provides a consistent and comparable approach to regional emissions tracking to meet the requirements for State Implementation Plan (SIP) and Tribal Implementation Plan (TIP) development and periodic review and updates across the Western Regional Air Partnership (WRAP) region. The EDMS serves as a central regional emissions inventory database to facilitate the data collection efforts for regional analysis of air quality in the West, including modeling, tracking and data analyses. The EDMS is the central repository for the data from the WRAP region that is used to prepare and implement regional haze plans to meet the requirements of the United States Environmental Protection Agency's (EPA) regional haze rule (RHR). The emission inventories contained within the EDMS consist of pollutants that are released into the atmosphere by different sources. The emission source categories contained in the EDMS include:

- Point or stationary sources;
- Area/non-point sources;
- On road mobile sources;
- Off- or non-road mobile sources;
- Fires;
- Windblown dust; and,
- Biogenic sources.

The development of the information contained in the EDMS is a joint effort between the Committees, Forums, and Workgroups within the WRAP, and the State, County, EPA and Tribal air pollution control agencies that provide much of the emission inventory data. Each agency that contributed to the EDMS system has made a major effort to make the information as accurate as possible. However, as with any system with millions of pieces of information originating from multiple sources, it is anticipated that some information may not be up-to-date or may not be accurate. Due to the manner in which emission information is reported, collected, and managed there can be a substantial lag time between when the emissions occurred and the reporting of the information to the EDMS. The WRAP entities will be making regular updates to the EDMS to correct data problems as they are identified.

EDMS Reporting Tools
are now available on



<http://www.wrappedms.org>

EDMS Inventories

HOME CONTACT

You are here: EDMS > Resources > Inventory Descriptions

Thursday, April 02, 2009 -

EDMS - INVENTORY DESCRIPTIONS

Home

- What's New
- Submit Data
- Contact Us

Resources

- Inventory Descriptions**
- Pollutant Descriptions
- EDMS Events
- EDMS FAQ

Partners

- WRAP
- ARS
- Air Sciences
- CIRA

Inventory Descriptions			
Last Update September 2008			
Inventory ID	Release Date	Included in Inventory	Comments
2: 2002 version 2	JAN - 2005	WRAP states	Data from data providers and CERR; gap-filling from EPA 2002 Preliminary inventory.
6: 2002 version 1	FEB - 2005	WRAP states	2002 version 2 without gap-filled data.
9: 2002 version 3	OCT - 2006	WRAP states and some tribes	2002 Inventory, including 2002 historical fire data.
11: 2005 preliminary	SEP - 2007 (On-going)	<ul style="list-style-type: none">Alaska (Area, Non-road Mobile, On-road Mobile and Point)Alaska Tribes (Area, Non-road Mobile, and On-road Mobile)Colorado (Point)Fort Peck Indian Reservation, MT (Area, Non-road Mobile, and Point)Idaho (Area, Non-road Mobile, On-road Mobile and Point)Maricopa County, AZ (Area, Non-road Mobile, On-road Mobile and Point)Nevada (On-road Mobile)Utah (Area and On-road Mobile)Washington (Point)	Collection of 2005 state/tribal inventories in progress. All sectors included except Fire.
12: 2018 preliminary reasonable progress version a		WRAP states and some tribes	Projected 2018 inventory version a. Revised for Point, Area, Mobile in Fall 2007. All sectors included except Fire.
13: 2002 version 4	MAR - 2008	WRAP states and some tribes	2002 plan02d data set used for baseline modeling.

EDMS FAQ's

 **WRAP edms** HOME CONTACT

You are here: [EDMS](#) > [Resources](#) > [EDMS FAQ](#)

Home

- What's New
- Submit Data
- Contact Us

Resources

- Inventory Descriptions
- Pollutant Descriptions
- EDMS Events
- EDMS FAQ**
- EDMS Reporting Tools

Partners

- WRAP
- ARS
- Air Sciences
- CIRA

EDMS - FAQ

Select A Question

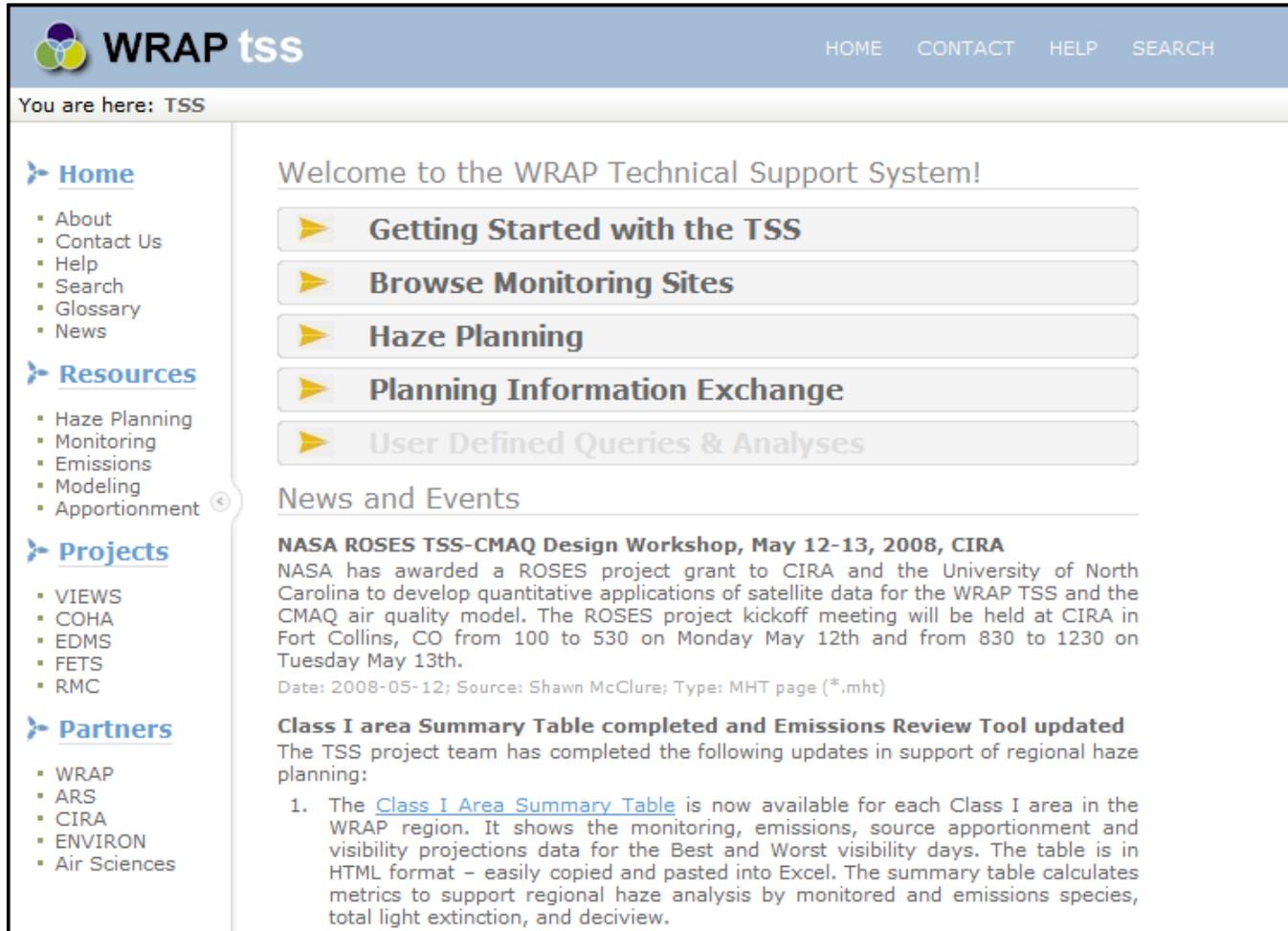
- [How does WRAP make decisions?](#)
- [What is Regional Haze?](#)
- [What is the Regional Haze Rule?](#)
- [How will the EDMS assist the WRAP in meeting the requirements of the Regional Haze Rule?](#)
- [What is the Regional Modeling Center?](#)
- [What is the relationship between the Regional Modeling Center and EDMS?](#)
- [How do I view documents available on the EDMS site with file extensions of .PDF?](#)
- [What is a Source Classification Code \(SCC\)?](#)
- [What is the Western Regional Air Partnership--the WRAP?](#)
- [Who belongs to the WRAP?](#)
- [How is the WRAP funded and who does the work?](#)
- [Can I get telephone support?](#)
- [What are the different types of Particulate Matter and how are they used by the EDMS?](#)

WRAP Technical Support System (TSS)

- Goal to provide a single web-based location for:
 - Access and display of technical data
 - Display of analytical results
 - The reference location for technical support documentation for WRAP states' regional haze implementation plans

 - TSS focus has been tools to support SIP writers' needs
 - Dynamic tools – interactive graphs, tables, and maps
 - Static tools – analyses generated outside of the TSS
-

TSS Home Page



The screenshot shows the WRAP TSS Home Page. At the top left is the WRAP TSS logo. To the right are navigation links: HOME, CONTACT, HELP, and SEARCH. Below the logo is a breadcrumb trail: "You are here: TSS". The left sidebar contains four main sections: Home, Resources, Projects, and Partners, each with a list of sub-links. The main content area features a welcome message, a list of five featured links with yellow arrow icons, a "News and Events" section, and two news items. The first news item is about a NASA ROSES TSS-CMAQ Design Workshop, and the second is about a completed Class I area summary table and updated emissions review tool.

WRAP tss HOME CONTACT HELP SEARCH

You are here: TSS

- Home
 - About
 - Contact Us
 - Help
 - Search
 - Glossary
 - News
- Resources
 - Haze Planning
 - Monitoring
 - Emissions
 - Modeling
 - Apportionment
- Projects
 - VIEWS
 - COHA
 - EDMS
 - FETS
 - RMC
- Partners
 - WRAP
 - ARS
 - CIRA
 - ENVIRON
 - Air Sciences

Welcome to the WRAP Technical Support System!

- Getting Started with the TSS
- Browse Monitoring Sites
- Haze Planning
- Planning Information Exchange
- User Defined Queries & Analyses

News and Events

NASA ROSES TSS-CMAQ Design Workshop, May 12-13, 2008, CIRA
NASA has awarded a ROSES project grant to CIRA and the University of North Carolina to develop quantitative applications of satellite data for the WRAP TSS and the CMAQ air quality model. The ROSES project kickoff meeting will be held at CIRA in Fort Collins, CO from 100 to 530 on Monday May 12th and from 830 to 1230 on Tuesday May 13th.
Date: 2008-05-12; Source: Shawn McClure; Type: MHT page (*.mht)

Class I area Summary Table completed and Emissions Review Tool updated
The TSS project team has completed the following updates in support of regional haze planning:

- The [Class I Area Summary Table](#) is now available for each Class I area in the WRAP region. It shows the monitoring, emissions, source apportionment and visibility projections data for the Best and Worst visibility days. The table is in HTML format – easily copied and pasted into Excel. The summary table calculates metrics to support regional haze analysis by monitored and emissions species, total light extinction, and decidview.

<http://vista.cira.colostate.edu/tss/>

Haze Planning – Emissions Review Tool


HOME CONTACT HELP SEARCH

You are here: TSS

Home

- About
- Contact Us
- Help
- Search
- Glossary
- News

Resources

- Haze Planning
- Monitoring
- Emissions
- Modeling
- Apportionment

Projects

- VIEWS
- COHA
- EDMS
- FETS
- RMC

Partners

- WRAP
- ARS
- CIRA
- ENVIRON
- Air Sciences

Welcome to the WRAP Technical Support System!

▶ **Getting Started with the TSS**

▶ **Browse Monitoring Sites**

▶ **Haze Planning**

▶ **Planning Information Exchange**

▶ **User Defined Queries & Analyses**

News and Events

NASA ROSES TSS-CMAQ
 NASA has awarded a Carolina to develop quarter CMAQ air quality model Fort Collins, CO from Tuesday May 13th.
 Date: 2008-05-12 | Source:

Class I area Summary
 The TSS project team has planning:

- The [Class I Area Summary](#) WRAP region. It shows visibility projections in HTML format - easy metrics to support total light extinction

Class I Area Summary Table

Monitoring	Emissions and Source Apportionment	Modeling
		

Monitoring	Emissions and Source Apportionment	Modeling
		

Evaluate Sources and Regions

Source Apportionment Results

[Sulfate/SOx Tracer - All Source Regions](#) - Review sulfate/SOx contributions by all source regions.

[Nitrate/NOx Tracer - All Source Regions](#) - Review nitrate/NOx contributions by all source regions.

[Weighted Emissions Potential - Primary Organic Aerosol](#) - Review weighted emissions potential for primary organic aerosol.

[Weighted Emissions Potential - Elemental Carbon](#) - Review weighted emissions potential for elemental carbon.

[Weighted Emissions Potential - Fine PM](#) - Review weighted emissions potential for fine particulates.

[Weighted Emissions Potential - Coarse PM](#) - Review weighted emissions potential for coarse particulates.

[Organic Aerosol Tracer](#) - Review organic aerosol contributions for selected Class I areas.

Emissions Data Review

[Emissions Review Tool](#) - Review emissions data from Base and Projection Emissions scenarios.

[Emissions Viewer](#) - ArcIMS tool for reviewing gridded emissions.

Emissions Review Tool: Selection

Help	Parameter	Source Categories	Region	County
	<p>Sulfur Dioxide</p> <p>Nitrogen Oxides (gas)</p> <p>Primary Organic Aerosol</p> <p>Elemental Carbon</p> <p>Fine Particulate Matter</p> <p>Coarse Particulate Matter</p> <p>Ammonia</p> <p>Volatile Organic Compounds</p> <p>Carbon Monoxide</p>	<p>Point</p> <p>Anthropogenic Fires</p> <p>Natural Fires</p> <p>Biogenic</p> <p>Area - Area Sources</p> <p>On-Road Mobile</p> <p>Off-Road Mobile</p> <p>Road Dust</p> <p>Fugitive Dust</p> <p>Wind Blown Dust</p>	<p>---WRAP---</p> <p>AZ - Arizona</p> <p>CA - California</p> <p>CO - Colorado</p> <p>ID - Idaho</p> <p>MT - Montana</p> <p>NV - Nevada</p> <p>NM - New Mexico</p> <p>ND - North Dakota</p> <p>OR - Oregon</p> <p>SD - South Dakota</p> <p>UT - Utah</p> <p>WA - Washington</p> <p>WY - Wyoming</p>	
	<p>Emissions Scenario</p> <p><input type="radio"/> SMOKE Gridded Emissions (from TSS)</p> <p><input type="radio"/> Emissions Inventories (from EDMS)</p> <p><input checked="" type="radio"/> Comparison</p> <p>2000-04 Baseline (plan02d) & EDMS 2002 Version 4 (inv. 13)</p>			

Emissions Inventory Reports: EDMS

The screenshot shows the WRAP tss website interface for Emissions Inventory Reports (EDMS). The page title is "Emissions Inventory Reports (EDMS)". Below the title, there is a sub-header: "Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes." The main content area is titled "Report Selections" and contains a dropdown menu for "Select an Inventory Version...". Below this, there are two radio buttons: "Totals Report for all Sectors" (selected) and "Sector Specific Reports". A horizontal line separates this section from the next. The next section is titled "States and Tribes: Select all States and Tribes or select one or more individual States and, optionally, one or more counties and/or one or more individual Tribes, then click the Continue button. Click the Clear button to remove selections." Below this, there is a checked checkbox "Select all States and Tribes". There are three columns of selection lists: "States" (listing 56 states from Alaska to Wyoming), "Counties" (empty), and "Tribes" (listing 21 tribes from Arapahoe to Curyung). At the bottom of the selection area, there are "Continue" and "Clear" buttons.

WRAP tss HOME CONTACT HELP SEARCH Sign In | Register

You are here: Monday, March 09, 2009 - TSS v1.1

Emissions Inventory Reports (EDMS)

Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes.

Report Selections

Select an Inventory Version...

Totals Report for all Sectors Sector Specific Reports

States and Tribes: Select all States and Tribes or select one or more individual States and, optionally, one or more counties and/or one or more individual Tribes, then click the Continue button. Click the Clear button to remove selections.

Select all States and Tribes

States	Counties	Tribes
02 ALASKA		281 Arapahoe and Shoshone Tribes of the Wind
04 ARIZONA		F05 Arctic Village
06 CALIFORNIA		206 Assiniboine and Sioux Tribes of the Fort Pe
08 COLORADO		201 Blackfeet Tribe of the Blackfeet Indian Rese
16 IDAHO		568 Cabazon Band of Cahuilla Mission Indians o
30 MONTANA		181 Coeur d'Alene Tribe of the Coeur d'Alene Re
32 NEVADA		203 Confederated Salish & Kootenai Tribes of th
35 NEW MEXICO		124 Confederated Tribes and Bands of the Yakai
38 NORTH DAKOTA		101 Confederated Tribes of the Colville Reservati
41 OREGON		143 Confederated Tribes of the Umatilla Reservat
46 SOUTH DAKOTA		513 Cortina Indian Rancheria of Wintun Indians c
49 UTAH		202 Crow Tribe of Montana
53 WASHINGTON		A17 Curyung Tribal Council
56 WYOMING		

Continue Clear

<http://vista.cira.colostate.edu/tss/edms.aspx>

Emissions Inventory Reports: Selections

WRAP tss HOME CONTACT HELP SEARCH

You are here:

- Home
 - About
 - Contact Us
 - Help
 - Search
 - Glossary
 - News
- Resources
 - Haze Planning
 - Monitoring
 - Emissions
 - Modeling
 - Apportionment
- Projects
 - VIEWS
 - COHA
 - EDMS
 - FETS
 - RMC
- Partners
 - WRAP
 - ARS
 - CIRA
 - ENVIRON
 - Air Sciences

Emissions Inventory Reports (EDMS)

Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes.

Report Selections

(Inv. 9) 2002 version 3 inc Fire data

Totals Report for all Sectors Sector Specific Reports

States and Tribes: Select all States and Tribes or select one or more individual States and, optionally, one or more counties and/or one or more individual Tribes, then click the Continue button. Click the Clear button to remove selections.

Select all States and Tribes

States	Counties	Tribes
02 Alaska	08029 Delta County	281 Arapahoe And Shoshone Tribes Of The Wind
04 Arizona	08031 Denver Co	F05 Arctic Village
06 California	08033 Dolores County	206 Assiniboine And Sioux Tribes Of The Fort Pe
08 Colorado	08035 Douglas County	201 Blackfeet Tribe Of The Blackfeet Indian Rese
16 Idaho	08037 Eagle County	568 Cabazon Band Of Cahuilla Mission Indians
30 Montana	08039 Elbert County	181 Coeur D'Alene Tribe Of The Coeur D'Alene R
32 Nevada	08041 El Paso Co	203 Confederated Salish & Kootenai Tribes Of TI
35 New Mexico	08043 Fremont Co	124 Confederated Tribes And Bands Of The Yak
38 North Dakota	08045 Garfield County	101 Confederated Tribes Of The Colville Reserv
41 Oregon	08047 Gilpin County	143 Confederated Tribes Of The Umatilla Resen
46 South Dakota	08049 Grand County	513 Cortina Indian Rancheria Of Wintun Indians
49 Utah	08051 Gunnison County	202 Crow Tribe Of Montana
53 Washington	08053 Hinsdale County	A17 Curyung Tribal Council
56 Wyoming	08055 Huerfano County	

Continue Clear

Emissions Inventory Reports: Results

The screenshot shows the WRAP tss website interface. The top navigation bar includes 'HOME', 'CONTACT', 'HELP', and 'SEARCH'. The user is logged in, as indicated by 'Sign In | Register' and the date 'Sunday, April 12, 2009 - TSS v1.1'. The main content area is titled 'Emissions Inventory Reports (EDMS)' and includes instructions to 'Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes.' A 'Report Selections' tab is active, showing a list of reports, including '(Inv. 9) 2002 version 3 inc. Fire data'. A 'File Download' dialog box is open, asking 'Do you want to open or save this file?' with options for 'Open', 'Save', and 'Cancel'. The dialog also displays a security warning: 'While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. What's the risk?'. The background interface shows a 'States and Tribes' section with a table of states and counties, and a 'Continue' button.

WRAP tss HOME CONTACT HELP SEARCH Sign In | Register
Sunday, April 12, 2009 - TSS v1.1

You are here: Emissions Inventory Reports (EDMS)

Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes.

Report Selections

(Inv. 9) 2002 version 3 inc. Fire data

Totals Report for all Sectors Sector Sp

States and Tribes: Select all States and Tribes or select more individual Tribes, then click the Continue button.

Select all States and Tribes

States	Counties
02 Alaska	08029 Delta County
04 Arizona	08031 Denver Co
06 California	08033 Dolores County
08 Colorado	08035 Douglas County
16 Idaho	08037 Eagle County
30 Montana	08039 Elbert County
32 Nevada	08041 El Paso Co
35 New Mexico	08043 Fremont Co
38 North Dakota	08045 Garfield County
41 Oregon	08047 Gilpin County
46 South Dakota	08049 Grand County
49 Utah	08051 Gunnison County
53 Washington	08053 Hinsdale County
56 Wyoming	08055 Huerfano County

568 Cabazon Band Of Cahuilla Mission Indians
181 Coeur D'Alene Tribe Of The Coeur D'Alene R
203 Confederated Salish & Kootenai Tribes Of TI
124 Confederated Tribes And Bands Of The Yak
101 Confederated Tribes Of The Colville Reser
143 Confederated Tribes Of The Umatilla Reser
513 Cortina Indian Rancheria Of Wintun Indians
202 Crow Tribe Of Montana
A17 Curyung Tribal Council

Continue Clear

Emissions Inventory Reports: Data

Totals Report

Selected Inventory: (Inv. 9) 2002 version 3 inc. Fire data

Selected Report: Totals for All Sectors

All Sectors: P-Point A-Area M-Onroad Mobile N-Nonroad Mobile F-Fire B-Biogenic

Values are in Tons Per Year

Selected FIPS: state_tribe_fips || county_fips in ('08039' '08041')

SECTOR_(STATE_TRIBE_FIPS	STATE_TRIBE_NAME	COUNTY_FIPS	COUNTY_NAME	RECORDS	VOC	NOX	SO2
A	8 Colorado	39	Elbert County	54	588.9923	88.98511	6.748647
B	8 Colorado	39	Elbert County	1	9832.5	838.8	0
M	8 Colorado	39	Elbert County	96	628.9102	964.5621	23.22814
N	8 Colorado	39	Elbert County	215	154.1801	350.5837	9.40911
P	8 Colorado	39	Elbert County	45	74.41013	65.66	0.099995
A	8 Colorado	41	El Paso Co	57	13817.82	1381.066	879.2151
B	8 Colorado	41	El Paso Co	1	22213.9	578.2	0
M	8 Colorado	41	El Paso Co	96	10158.87	13561.38	333.4927
N	8 Colorado	41	El Paso Co	219	2662.386	4129.101	164.5469
P	8 Colorado	41	El Paso Co	1436	2867.311	8157.383	13569.49
F	8 Colorado	41	El Paso Co	144	234.8816	107.0784	29.3602

Emissions Inventory Reports: By Sector

WRAP tss HOME CONTACT HELP SEARCH

You are here:

- Home
 - About
 - Contact Us
 - Help
 - Search
 - Glossary
 - News
- Resources
 - Haze Planning
 - Monitoring
 - Emissions
 - Modeling
 - Apportionment
- Projects
 - VIEWS
 - COHA
 - EDMS
 - FETS
 - RMC
- Partners
 - WRAP
 - ARS
 - CIRA
 - ENVIRON
 - Air Sciences

Emissions Inventory Reports (EDMS)

Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes.

Report Selections

(Inv. 9) 2002 version 3 inc. Fire data

Totals Report for all Sectors **Sector Specific Reports**

Sector: AREA Area Source by SCC

States and Tribes: Select all States and Tribes or select one or more individual States and, optionally, one or more counties and/or one or more individual Tribes, then click the Continue button. Click the Clear button to remove selections.

Select all States and Tribes

States	Counties	Tribes
02 Alaska	04001 Apache Co	182 Nez Perce Tribe Of Idaho
04 Arizona	04003 Cochise Co	A17 Curyung Tribal Council
06 California	04005 Coconino Co	405 Fond Du Lac Band Of The Minnesota Chippewa
08 Colorado	04007 Gila Co	604 Fort Mojave Indian Tribe Of Arizona, California &
16 Idaho	04009 Graham County	614 Gila River Indian Community Of The Gila River In
30 Montana	04011 Greenlee County	F21 Huslia Village
32 Nevada	04012 La Paz County	S12 Klawock Cooperative Association
35 New Mexico	04013 Maricopa Co	577 La Posta Band Of Diegueno Mission Indians Of
38 North Dakota	04015 Mohave County	N03 Native Village Of Buckland
41 Oregon	04017 Navajo Co	B23 Native Village Of Kongiganak
46 South Dakota	04019 Pima Co	F28 Native Village Of Minto
49 Utah	04021 Pinal Co	A57 Native Village Of Port Graham
53 Washington	04023 Santa Cruz County	780 Navajo Nation, Arizona, New Mexico & Utah
56 Wyoming	04025 Yavapai Co	

Continue Clear

Emissions Inventory Reports: Area SCC Selection

WRAP tss HOME CONTACT HELP SEARCH

You are here:

- Home
 - About
 - Contact Us
 - Help
 - Search
 - Glossary
 - News
- Resources
 - Haze Planning
 - Monitoring
 - Emissions
 - Modeling
 - Apportionment
- Projects
 - VIEWS
 - COHA
 - EDMS
 - FETS
 - RMC
- Partners
 - WRAP
 - ARS
 - CIRA
 - ENVIRON
 - Air Sciences

Emissions Inventory Reports (EDMS)

Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes.

Report Selections **Select SCCs**

Current Selections: *Area Source by SCC for Inventory 9 for FIPS || '04013' '614'*

Select all SCCs categories or one or more SCC levels, then click the continue button. [SCC Help](#)

Select all SCCs

SCC-L1: 28 Miscellaneous Area Sources

SCC-L2: 2801 Agriculture Production - Crops

SCC-L3: Select an Emissions Category...

SCC-L4: Select an Emissions Category...

Emissions Inventory Reports: Point Source by Name

WRAP tss HOME CONTACT HELP SEARCH

You are here:

- Home
 - About
 - Contact Us
 - Help
 - Search
 - Glossary
 - News
- Resources
 - Haze Planning
 - Monitoring
 - Emissions
 - Modeling
 - Apportionment
- Projects
 - VIEWS
 - COHA
 - EDMS
 - FETS
 - RMC
- Partners
 - WRAP
 - ARS
 - CIRA
 - ENVIRON
 - Air Sciences

Emissions Inventory Reports (EDMS)

Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes.

Report Selections

(Inv. 9) 2002 version 3 inc. Fire data

Totals Report for all Sectors Sector Specific Reports

Sector: POINT **Point Source by Name**

States and Tribes: Select all States and Tribes or select one or more individual States and, optionally, one or more counties and/or one or more individual Tribes, then click the Continue button. Click the Clear button to remove selections.

Select all States and Tribes

States	Counties	Tribes
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04 Arizona	04003 Cochise Co	513 Cortina Indian Rancheria Of Wintun Indians Of C
06 California	04005 Coconino Co	202 Crow Tribe Of Montana
08 Colorado	04007 Gila Co	A17 Curyung Tribal Council
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38 North Dakota	04015 Mohave County	S12 Klawock Cooperative Association
41 Oregon	04017 Navajo Co	577 La Posta Band Of Diegueno Mission Indians Of
46 South Dakota	04019 Pima Co	N03 Native Village Of Buckland
49 Utah	04021 Pinal Co	B23 Native Village Of Kongiganak
53 Washington	04023 Santa Cruz County	F28 Native Village Of Minto
56 Wyoming	04025 Yavapai Co	

Continue Clear

Emissions Inventory Reports: Facility Selection

HOME CONTACT HELP SEARCHSign In | Register

You are here: Monday, April 06, 2009 - TSS v1.1

Home

- About
- Contact Us
- Help
- Search
- Glossary
- News

Resources

- Haze Planning
- Monitoring
- Emissions
- Modeling
- Apportionment

Projects

- VIEWS
- COHA
- EDMS
- FETS
- RMC

Partners

- WRAP
- ARS
- CIRA
- ENVIRON
- Air Sciences

Emissions Inventory Reports (EDMS)

Export EDMS data for **selected** Inventories and Sectors, States and/or Counties, or Tribes.

Report Selections | **Select Facilities**

Current Selections: Point Source by Name for Inventory 9 for FIPS || '04013' '614'

Select all or one or more individual Facilities, then click the continue button. Click the Clear button to remove selections.

Select all Facilities

Facilities:

- 23rd Ave Wastewater Treatment Plant (1074)
- 91st Ave Wastewater Treatment Plant (1075)
- A F Lorts Company Inc (245)
- Acme Gin Co Inc (31606)
- Adesa Phoenix Llc (1952)
- Advanced Materials Technologies, Incorporated (07)
- Ag Products (1239)
- Alexco (04)
- Alleco Stone Llc (1874)
- Allied Signal (983)
- Allied Tube & Conduit Corp-Phx Operation (35541)
- Allied Waste Ind Inc Sw Reg Facility (31643)

Emissions Inventory Reports: Data

Area Source by SCC, Point Source by Facility Name

Selected Inventory: (Inv. 9) 2002 version 3 inc. Fire data

Selected Report: Area Source by SCC

Sector: AREA

Values are in Tons Per Year

Selected FIPS: (state_tribe_fips || county_fips in ('04013') or state_tribe_fips in ('614'))

STATE_TR	STATE_TRIBE_NAME	COUNTY_FIPS	COUNTY_NAME	SCC	SCC_DESC
4	Arizona	13	Maricopa Co	2801000000	Miscellaneous Area Sources : Agriculture Production - Crops : Agriculture - Crops : Total
4	Arizona	13	Maricopa Co	2801000003	Miscellaneous Area Sources : Agriculture Production - Crops : Agriculture - Crops : Tilling
4	Arizona	13	Maricopa Co	2801000005	Miscellaneous Area Sources : Agriculture Production - Crops : Agriculture - Crops : Harvesting
614	Gila River Indian Community	0	Null	2801000000	Miscellaneous Area Sources : Agriculture Production - Crops : Agriculture - Crops : Total
614	Gila River Indian Community	0	Null	2801700003	Miscellaneous Area Sources : Agriculture Production - Crops : Fertilizer Application : Nitrogen Solutions

Selected Inventory: (Inv. 9) 2002 version 3 inc. Fire data

Selected Report: Point Source by Name

Sector: POINT

Values are in Tons Per Year

Selected FIPS: (state_tribe_fips || county_fips in ('04013') or state_tribe_fips in ('614'))

STATE_TF	STATE_TRIBE_NAME	COUNTY_FIPS	COUNTY_NAME	PLANT_ID	PLANT_NAME	ADDRESS	CITY	STATE	ZIPCODE
4	Arizona	13	Maricopa Co	101	Sunland Beef Co	651 S 91st Ave	Tolleson	AZ	85353
4	Arizona	13	Maricopa Co	1014	Phoenix Brick Yard	1814 S 7th Ave	Phoenix	AZ	85007
4	Arizona	13	Maricopa Co	1030	Quebecor World-Phoenix Division	1850 E Watkins St	Phoenix	AZ	85034
4	Arizona	13	Maricopa Co	1059	Honeywell Engines Sys & Service Phx R&O	1944 E Sky Harbor Cir	Phoenix	AZ	85034
4	Arizona	13	Maricopa Co	1074	23rd Ave Wastewater Treatment Plant	2470 S 22nd Ave	Phoenix	AZ	85009
4	Arizona	13	Maricopa Co	1075	91st Ave Wastewater Treatment Plant	5615 S 91st Ave	Tolleson	AZ	85353
4	Arizona	13	Maricopa Co	1102	The Procter & Gamble Mfg Co	2050 S 35th Ave	Phoenix	AZ	85009
4	Arizona	13	Maricopa Co	1198	Courier Graphics Corp	2621 S 37th St	Phoenix	AZ	85034
4	Arizona	13	Maricopa Co	1203	Microchip Technology Inc	2355 W Chandler Blvd	Chandler	AZ	85224

Emissions Inventory Reports: Fire

The screenshot shows the WRAP tss website interface for generating Emissions Inventory Reports (EDMS). The page title is "Emissions Inventory Reports (EDMS)". Below the title, there is a description: "Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes." The interface includes several sections for user input:

- Report Selections:** A dropdown menu is set to "(Inv. 9) 2002 version 3 inc. Fire data".
- Report Type:** Radio buttons allow selecting "Totals Report for all Sectors" (unselected) or "Sector Specific Reports" (selected).
- Sector:** A dropdown menu is set to "FIRE", which is circled in red.
- Reports:** A dropdown menu is set to "Fires occurring during selected date range".
- States and Tribes:** A checkbox "Select all States and Tribes" is unchecked. Below this are three columns of selection lists:
 - States:** A list of states from 02 ALASKA to 56 WYOMING, with 08 COLORADO selected.
 - Counties:** A list of counties from 37 Delta County to 63 Huerfano County, with 45 Eagle County selected.
 - Tribes:** A list of tribes from 281 Arapahoe and Shoshone Tribes of the Wind to A17 Curyung Tribal Council.
- Buttons:** "Continue" and "Clear" buttons are located at the bottom of the selection area.

The left sidebar contains navigation links for Home, Resources, Projects, and Partners. The top navigation bar includes Home, CONTACT, HELP, SEARCH, and Sign In | Register. The date and version information "Wednesday, March 11, 2009 - TSS v1.1" is displayed in the top right corner.

Emissions Inventory Reports: Date Range Selection (Fire Episodes)

WRAP tss HOME CONTACT HELP SEARCH [Sign In](#) | [Register](#)

You are here: Wednesday, March 11, 2009 - TSS v1.1

Emissions Inventory Reports (EDMS)

Export EDMS data for selected Inventories and Sectors, States and/or Counties, or Tribes.

Report Selections | **Select Date Range**

Current Selections: Fires occurring during selected date range for Inventory 9 for FIPS '45'

Select a date range, then click the continue button.

Start Date: End Date:

Please note: Fire data queries can result in large amounts of data. Please limit the number of locations and/or restrict the date range.
Complete fire data sets are available for download from the [Fire Emissions Joint Forum](#) page on the WRAP Web Site.

UTE CRK - Eagle County

- Home
 - About
 - Contact Us
 - Help
 - Search
 - Glossary
 - News
- Resources
 - Haze Planning
 - Monitoring
 - Emissions
 - Modeling
 - Apportionment
- Projects
 - VIEWS
 - COHA
 - EDMS
 - FETS
 - RMC
- Partners
 - WRAP
 - ARS
 - CIRA
 - ENVIRON
 - Air Sciences

Emissions Inventory Reports:

Hourly Fire Data

Selected Inventory: (Inv. 9) 2002 version 3 inc. Fire data
Selected Report: Fires occurring during selected date range
Sector: FIRE
Values are in Tons

Selected FIPS: state_tribe_fips || county_fips in ('08037')

FIRE_NAME	FDATE	SOC	SOC_DESC	EU_ID	FUEL_CNSMP	PLUME_TOP	PLUME_BOTTOM
UTE CRK	6/8/2002 0:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	0.7776	0.2916
UTE CRK	6/8/2002 1:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	0.7776	0.2916
UTE CRK	6/8/2002 2:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	0.7776	0.2916
UTE CRK	6/8/2002 3:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	0.7776	0.2916
UTE CRK	6/8/2002 4:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	0.7776	0.2916
UTE CRK	6/8/2002 5:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	0.7776	0.2916
UTE CRK	6/8/2002 6:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	0.7776	0.2916
UTE CRK	6/8/2002 7:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	0.7776	0.2916
UTE CRK	6/8/2002 8:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	3.1104	1.1664
UTE CRK	6/8/2002 9:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	8.64	3.24
UTE CRK	6/8/2002 10:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	34.56	12.96
UTE CRK	6/8/2002 11:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	138.24	51.84
UTE CRK	6/8/2002 12:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	423.36	158.76
UTE CRK	6/8/2002 13:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	552.96	207.36
UTE CRK	6/8/2002 14:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	699.84	262.44
UTE CRK	6/8/2002 15:00	2810001000	Miscellaneous Area Sources : Other Combustion : Forest Wildfires : Total	F	27.54	779.76	292.41

Mapping Tool: In Development

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You are here: Friday, March 13, 2009 - TSS v1.1

Emissions Inventory Map Tool (EDMS)

Map

- Home
 - About
 - Contact Us
 - Help
 - Search
 - Glossary
 - News
- Resources
 - Haze Planning
 - Monitoring
 - Emissions
 - Modeling
 - Apportionment
- Projects
 - VIEWS
 - COHA
 - EDMS
 - FETS
 - RMC
- Partners
 - WRAP
 - ARS
 - CIRA
 - ENVIRON
 - Air Sciences

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Mapping Tool (continued)

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Emissions Inventory Map Tool (EDMS)

Hybrid

ROSEBURG FOREST PRODUCTS

- Home
 - About
 - Contact Us
 - Help
 - Search
 - Glossary
 - News
- Resources
 - Haze Planning
 - Monitoring
 - Emissions
 - Modeling
 - Apportionment
- Projects
 - VIEWS
 - COHA
 - EDMS
 - FETS
 - RMC
- Partners
 - WRAP
 - ARS
 - CIRA
 - ENVIRON
 - Air Sciences

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Future EDMS Work

- Further development of Query Tool
 - Facilities subject to BART
 - Additional options for episodic fire queries

 - Mapping Tool
 - Distance tool
 - Summary “pop-ups” for County/Tribal areas

 - Additional Inventories
 - 2005 data upload in progress
 - 2008 data upload using new EPA CERS schema
-

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