

File Names

12:07 Wednesday, August 13, 2008 1

| File # | Original File Name |
|--------|--|
| 1 | EPA_SS_FRESNO_RP5400C-1HR_20010101_20011231_V1.csv |

Dataset Key Phrases

| Data Exchange Standard Version | Principal Investigator Name--last first | Principal Investigator Affiliation | File Contents Description--short long | Sampling Interval As Reported in Main Table |
|--------------------------------|---|--|---|---|
| NARSTO 2002/05/28 (2.301) | Watson ; Dr. John | Desert Research Institute, 2215 Raggio Pkwy, Reno, NV 89512, USA | RP5400C_1_HOUR ; Ambient Carbon Concentrations obtained by thermal decomposition to CO2 | 1 hour |

| Sampling Frequency Of Data in Main Table | Quality Control Level | Organization Acronym | Organization Name | Data Usage Acknowledgement | Study Or Network Acronym |
|--|-----------------------|----------------------|---|--|--------------------------|
| Same as sampling interval | 1 | EPA_PM_SS | EPA Particulate Matter Supersites Program | Desert Research Institute, 2215 Raggio Pkwy, Reno, NV 89512, USA | EPA_SS_FRESNO |

| Study Or Network Name | Country Code | State Or Province Code | Principal Investigator Contact Information | Co-investigator Name--last first | Co-investigator Affiliation |
|------------------------|--------------|------------------------|--|----------------------------------|-----------------------------|
| EPA_Supersites--Fresno | US | CA | Dr. John G. Watson, Desert Research Institute, 2215 Raggio Pkwy, Reno, NV 89512, USA | None ; None | None |

| Name And Affiliation Of Person Who Generated This File | Date Of Last Modification To Data In Main Table | Name And Version Of Software Used To Create This File |
|--|---|---|
| Norm Robinson, DRI | 2003/02/27 | MS VB.Net; MS SQL Server 2000 |

| Companion File Name format And Version | Date This File Generated archive Version Number | Table Explanation Of Zero Or Negative Values | Table Explanation Of Reported Detection Limit Values |
|--|---|--|--|
| None ; None | 2003/09/05 ; 1 | Zero and negative values occur during clean atmospheric conditions when concentrations are below detection limits. | Detection limits are currently being evaluated. |

| Table Explanation Of Reported Uncertainty | Table User Note | Table User Note2 | Table User Note3 | Table User Note4 | Table Name | Table Focus |
|---|--------------------------------------|--|------------------|------------------|----------------|----------------|
| See *TABLE USER NOTE2 | Aerosol Carbon 1 hour concentrations | Uncertainty is not reported in this file. The final Project Report will discuss uncertainty in more depth. | | | RP5400C_1_HOUR | Surface--fixed |

Site Information

| Site ID | Name | State Province code | Latitude: decimal degree | Longitude: decimal degree | Sampling height above ground (m) | Ground elevation above sea level (m) |
|--------------|------------------------|------------------------|--------------------------|---------------------------|-------------------------------------|---|
| ES2FUSCAFSF_ | 3425 N First St Fresno | CA | 36.78167 | -119.77333 | 12.2 | 29.6 |

| Site ID | Site land use | Site location setting | Measurement start date | Measurement end date | Co-incident measurements | Study site ID | Lat lon accuracy |
|--------------|---------------|-----------------------|------------------------|----------------------|-----------------------------|---------------|---------------------|
| ES2FUSCAFSF_ | Commercial | Urban and center city | 1999/05/01 | 9999/12/31 | N | N | -999.9 |

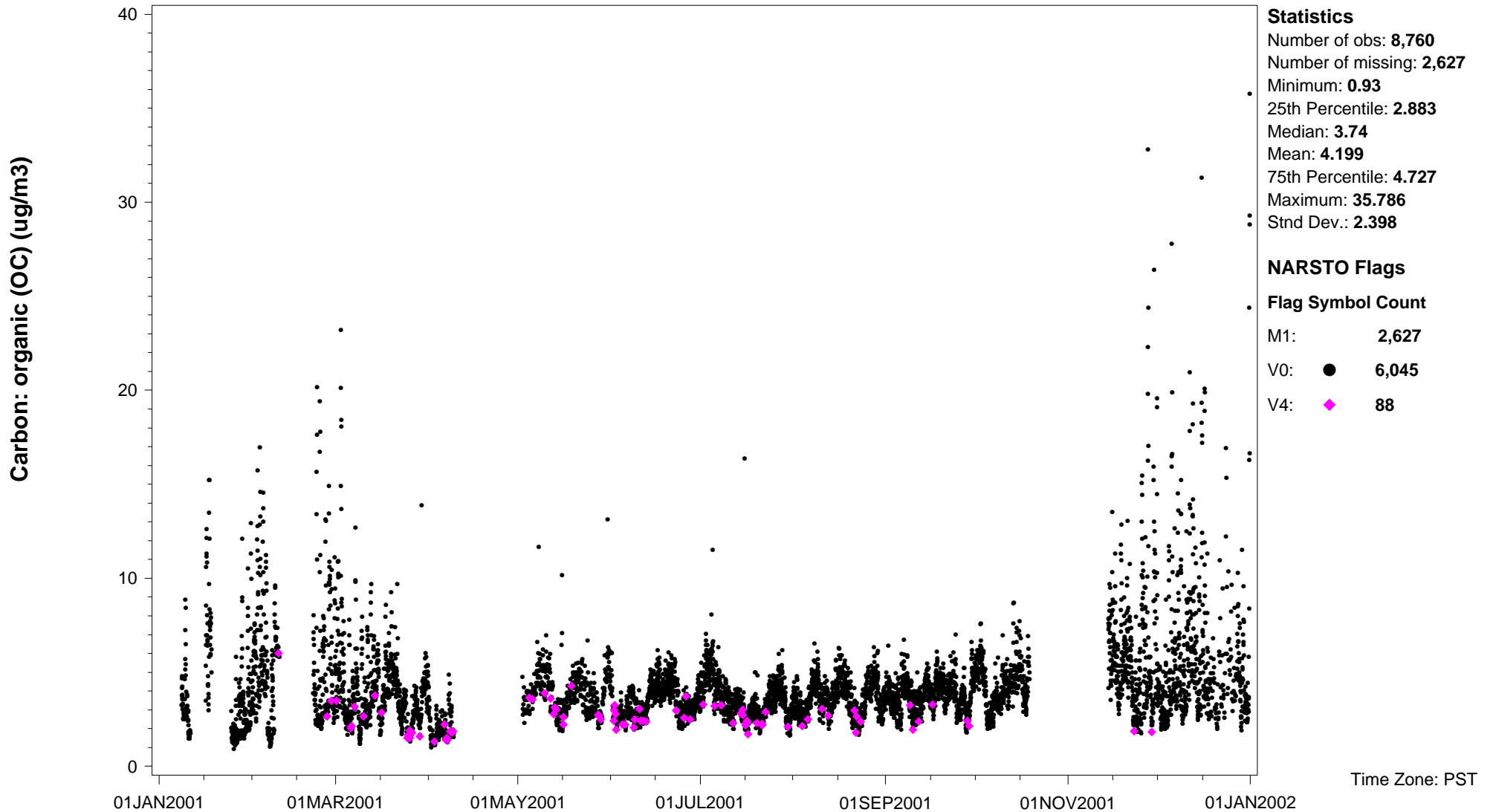
NARSTO Standard Flags

| Flag: NARSTO | Description |
|--------------|---|
| H1 | Historical data that have not been assessed or validated |
| M1 | Missing value because no value is available |
| M2 | Missing value because invalidated by data originator |
| V0 | Valid value |
| V1 | Valid value but comprised wholly or partially of below detection limit data |
| V2 | Valid estimated value |
| V3 | Valid interpolated value |
| V4 | Valid value despite failing to meet some QC or statistical criteria |
| V5 | Valid value but qualified because of possible contamination (e.g., pollution source, laboratory contamination source) |
| V6 | Valid value but qualified due to non-standard sampling conditions (e.g., instrument malfunction, sample handling) |
| V7 | Valid value but set equal to the detection limit (DL) because the measured value was below the DL |

NARSTO Time Series Plot

13AUG2008

Site ID: **ES2FUSCAFSF_** Variable name: **Carbon: organic (OC)** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**
 Observation type: **Particles** Particle diameter--lower bound (UM): **Undetermined** Particle diameter--upper bound (UM): **10**
 Field sampling or measurement principle: **APCM** Medium: **Impaction surface** Inlet type: **Impactor--direct**
 Volume standardization: **25 deg. C; 1 atmosphere** Sampling Height above ground (m): **10.8**
 Instrument name and model number: **R+P, Model R+P5400 Ambient Particulate Carbon Monitor** Detection Limit: **Undetermined**
 Site Name: **3425 N First St Fresno, California** Latitude: **36.78167 deg.** Longitude: **-119.77333 deg.** Start Date: **1999-05-01**



NARSTO Time Series Plot

13AUG2008

Site ID: **ES2FUSCAFSF_** Variable name: **Carbon: total (TC)** Units: **ug/m3** Sampling interval: **1 hour** Sampling frequency: **Same as sampling interval**
Observation type: **Particles** Particle diameter--lower bound (UM): **Undetermined** Particle diameter--upper bound (UM): **10**
Field sampling or measurement principle: **APCM** Medium: **Impaction surface** Inlet type: **Impactor--direct**
Volume standardization: **25 deg. C; 1 atmosphere** Sampling Height above ground (m): **10.8**
Instrument name and model number: **R+P, Model R+P5400 Ambient Particulate Carbon Monitor** Detection Limit: **Undetermined**
Site Name: **3425 N First St Fresno, California** Latitude: **36.78167 deg.** Longitude: **-119.77333 deg.** Start Date: **1999-05-01**

