

# File Names

File #	Original File Name
1	EPA_SS_LA_RBDX_PARTISOL_MASS_20010627_20010907_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)	Sioutas ; Constantinos	Department of Civil Engineering, University of Southern California, Los Angeles	Partisol Mass ; Mass concentrations collected by Partisol samplers	Grab

Sampling Frequency Of Data in Main Table	Quality Control Level	Organization Acronym	Organization Name	Data Usage Acknowledgement	Study Or Network Acronym
Variable interval	2	EPA_PM_SS	EPA Particulate Matter Supersites Program	LA Supersites of the Southern California Particle Center and Supersite (SCPCS)	EPA_SS_LA

Study Or Network Name	Country Code	State Or Province Code	Principal Investigator Contact Information	Co-investigator Name--last first	Co-investigator Affiliation
EPA Supersites--Los Angeles	US (UNITED STATES)	CA	Costas Sioutas, Tel: 213-740-6134, Fax: 213-744-1426, e-mail: sioutas@rcf-fs.ucs.edu		

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
Rong Chun Yu, UCLA SCPCS	2004/02/20	MS-EXCEL 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
	2004/02/20 ; 1	No such values exist.	Detection Limit (DL) is 0.116 ug/m3. Original concentration (OC) was compared with DL. If OC < DL then the OC was flagged as 'V1'.

Table Explanation Of Reported Uncertainty	Table User Note	Table User Note2	Table User Note3	Table User Note4	Table Name
No such data are available	Outliers were detected by a modified Z-score method. Statistical discussions about this method can be found in 'Quality Control of Semi-Continuous Mobility Size-Fractionated Particle Number Concentration Data', Rong Chun Yu et al., 'Atmospheric Environment' 2003, in press. Flag 'V4' was given for the outliers.				Partisol Mass Conc.

Table Focus
Surface--fixed

## Site Information

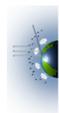
Site ID	Name	State Province code	Latitude: decimal degree	Longitude: decimal degree	Sampling height above ground (m)	Ground elevation above sea level (m)	Site land use	Site location setting
ES2LUSCARBDX	SCPCS PIU trailer at Rubidoux-California	CA	33.99958	-117.41607	5.2	248.4	Residential	Suburban

Site ID	Measurement start date	Measurement end date	Co-incident measurements	Study site ID	Lat lon accuracy
ES2LUSCARBDX	2001/06/27	2001/09/07	Temperature, pressure, windspeed, wind direction, relative humidity, PAHs, EC/OC, element metals, nitrate, sulfate, particle mass/size distribution.	RBDX	4.0



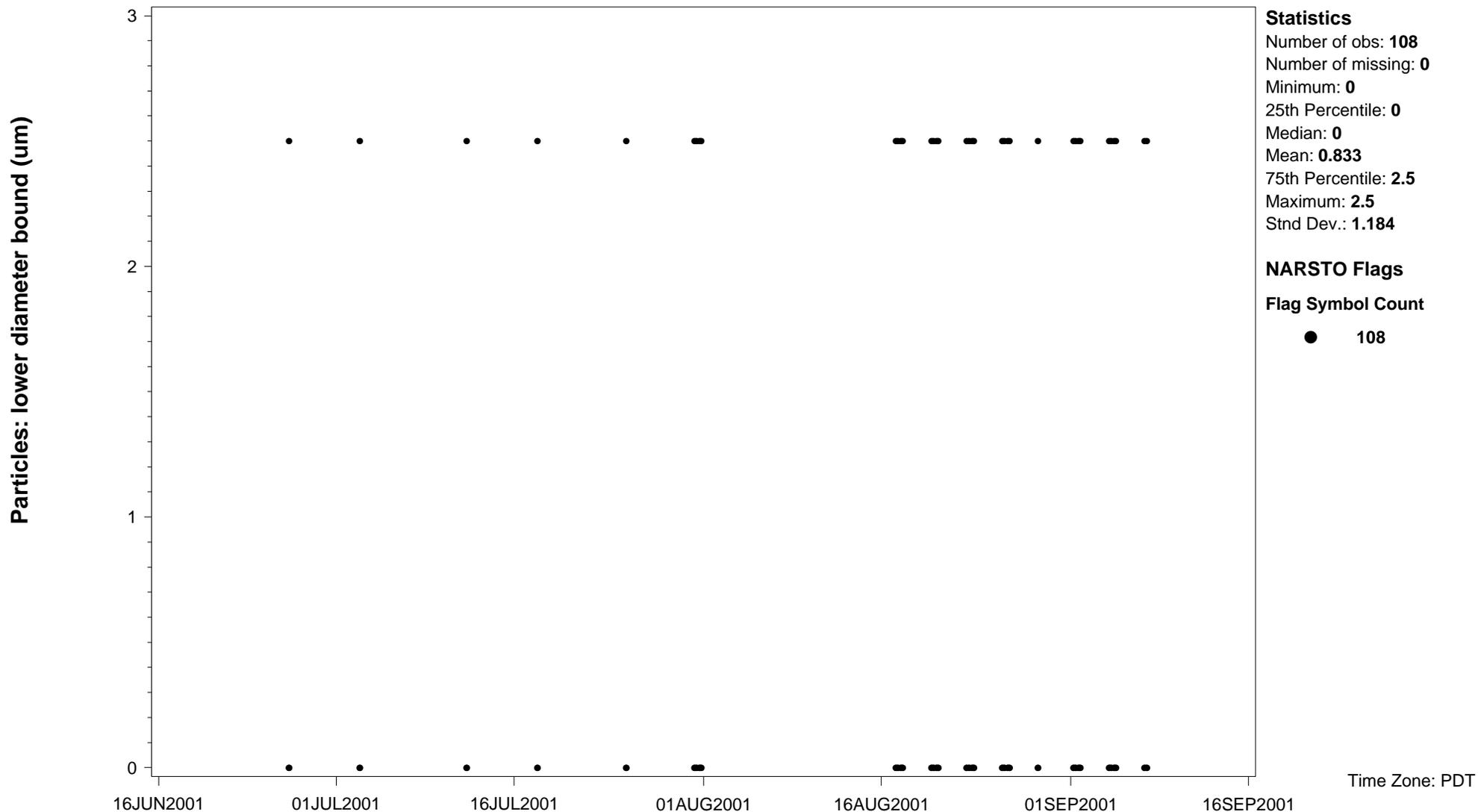
## NARSTO Standard Flags

Flag: NARSTO	Description
M1	Missing value because no value is available
V0	Valid value
V1	Valid value but comprised wholly or partially of below detection limit data
V4	Valid value despite failing to meet some QC or statistical criteria



Site ID: **ES2LUSCARBDX** Variable name: **Particles: lower diameter bound** Units: **um** Sampling interval: **Grab** Observation type: **Supplementary data**  
 Particle diameter--lower bound (UM): **Varies--see variable Part** Field sampling or measurement principle: **Impactor** Inlet type: **Hat or hood**  
 Laboratory analytical method: **Microbalance** Sample preparation: **Temperature and humidity equilibration**  
 Volume standardization: **Ambient temperature and pressure** Sampling Height above ground (m): **5.2**  
 Instrument name and model number: **Partisol #2025-D** Measurement principal investigator: **Dr. Costas Sioutas**

Site Name: **SCPCS PIU trailer at Rubidoux-California, California** Latitude: **33.99958 deg.** Longitude: **-117.41607 deg.** Start Date: **2001-06-27** End Date: **2001-09-07**

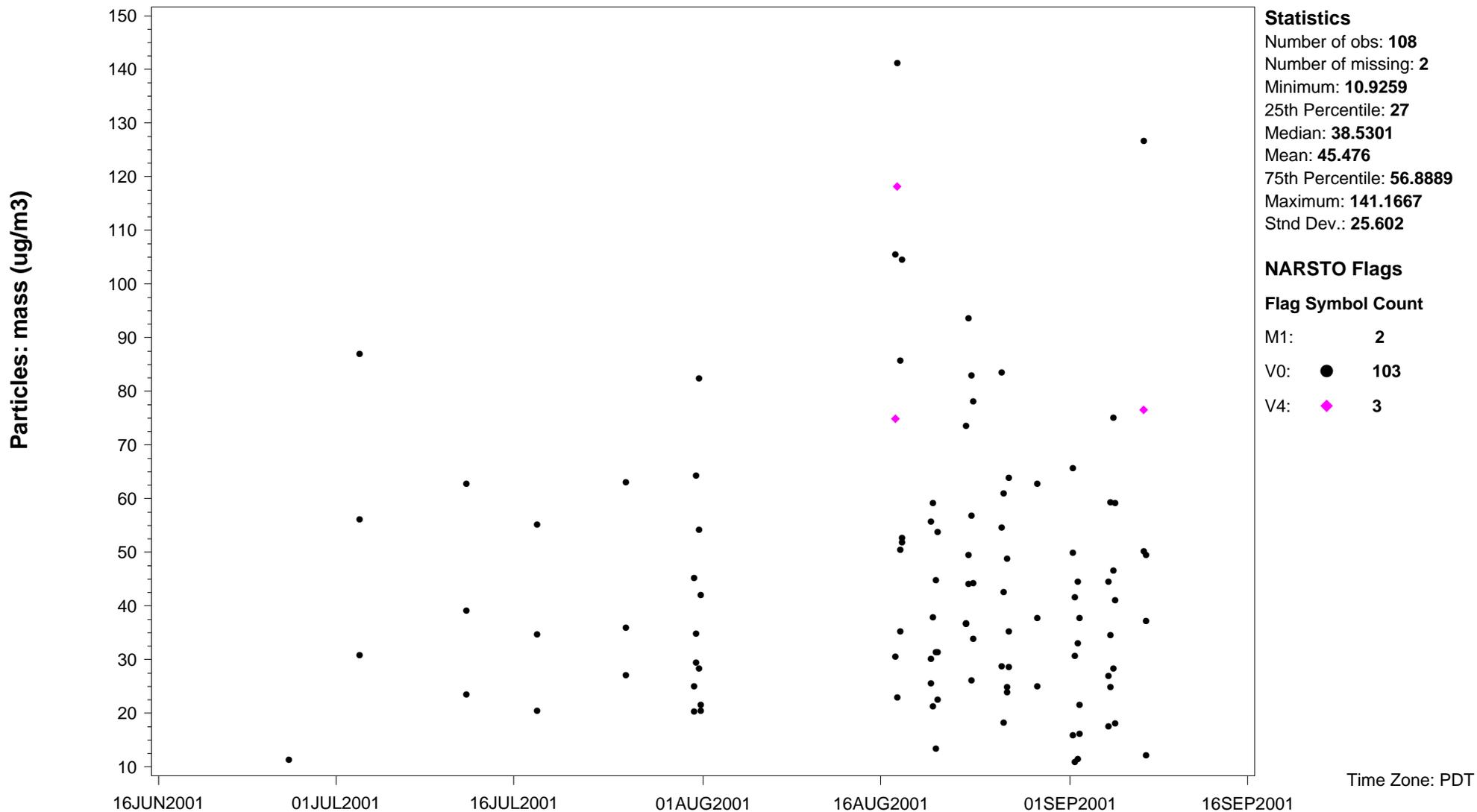


NARSTO Time Series Plot

15SEP2008

Site ID: **ES2LUSCARBDX** Variable name: **Particles: mass** Units: **ug/m3** Sampling interval: **Grab** Observation type: **Particles**  
 Field sampling or measurement principle: **Impactor** Medium: **Teflon** Inlet type: **Hat or hood** Laboratory analytical method: **Microbalance**  
 Sample preparation: **Temperature and humidity equilibration** Blank Correction: **Blank corrected**  
 Volume standardization: **Ambient temperature and pressure** Sampling Height above ground (m): **5.2**  
 Instrument name and model number: **Partisol #2025-D** Measurement principal investigator: **Dr. Costas Sioutas** Detection Limit: **0.116**

Site Name: **SCPCS PIU trailer at Rubidoux-California, California** Latitude: **33.99958 deg.** Longitude: **-117.41607 deg.** Start Date: **2001-06-27** End Date: **2001-09-07**



Site ID: **ES2LUSCARBDX** Variable name: **Particles: upper diameter bound** Units: **um** Sampling interval: **Grab** Observation type: **Supplementary data**  
 Particle diameter--upper bound (UM): **Varies--see variable Part** Field sampling or measurement principle: **Impactor** Inlet type: **Hat or hood**  
 Laboratory analytical method: **Microbalance** Sample preparation: **Temperature and humidity equilibration**  
 Volume standardization: **Ambient temperature and pressure** Sampling Height above ground (m): **5.2**  
 Instrument name and model number: **Partisol #2025-D** Measurement principal investigator: **Dr. Costas Sioutas**

Site Name: **SCPCS PIU trailer at Rubidoux-California, California** Latitude: **33.99958 deg.** Longitude: **-117.41607 deg.** Start Date: **2001-06-27** End Date: **2001-09-07**

