File #	Original File Name
1	EPA_SS_FRESNO_MET_5MIN_20040701_20040930_V1.csv

	Principal Investigator Namelast		File Contents Descriptionshort
Data Exchange Standard Version	first	Principal Investigator Affiliation	long
NARSTO 2002/05/28 (2.301)	· · · · · · · · · · · · · · · · · · ·	Raggio Pkwy, Reno, NV 89512, USA	METDATA_5_MIN; Meteorological Data (Ambient Temperature, Relative Humidity, Wind Speed, Wind Direction, Barometric Pressure, Solar Radiation)

Sampling Interval As Reported in Main Table	Sampling Frequency Of Data in Main Table	Quality Control Level	Organization Acronym	Organization Name	Data Usage Acknowledgement
5 minute	Same as sampling interval	1	EPA/NOAA/CARB		Desert Research Institute, 2215
				Long Term	Raggio Pkwy, Reno, NV 89512,
				MonitoringFresno	USA

Study Or Network Acronym	Study Or Network Name	Country Code	State Or Province Code	Principal Investigator Contact Information	Co-investigator Namelast first
EPA_SS_FRESNO	,	,	CA	, ,	None ; None

Co-investigator Affiliation	Name And Affiliation Of Person Who Generated	d This File Date Of Last Modification To Data In Main Tab
None	Norm Robinson, DRI	2004/11/29

	Companion File Name	Date This File Generated	
Name And Version Of Software Used To Create This File	format And Version	archive Version Number	Table Explanation Of Zero Or Negative Values
MS VB.Net; MS SQL Server 2000	None ; None	2005/01/25 ; 1	Zero values occur when there is no detectable wind, and
			at night when there is no solar radiation,zero and
			negative ambient temperature values occur during
			normal atmospheric conditions.

Table Explanation Of Reported Detection Limit Values	Table Explanation Of Reported Uncertainty	Table User Note	Table User Note2	Table User Note3	Table User Note4
Detection limits are currently being evaluated.	See *TABLE USER NOTE2	5-min	Uncertainty is not reported in		
		Mete0rological	this file. The final Project		
		Data	Report will discuss		
			uncertainty in more depth.		

Table Name	Table Focus
METDATA_5_MIN	Surfacefixed

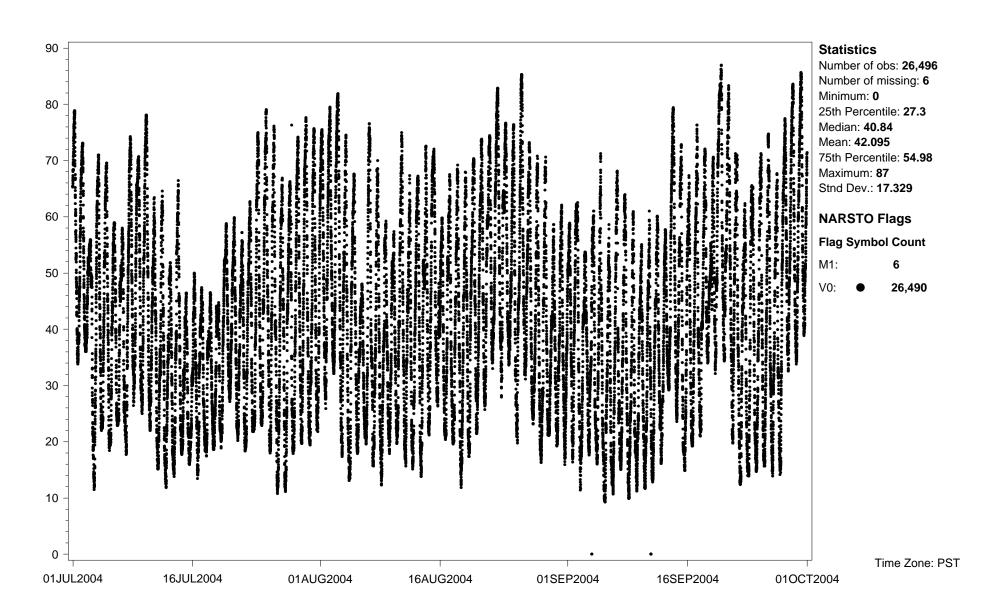
Site Information

		State			Sampling height	Ground elevation
Site ID	Name	Province code	Latitude: decimal degree	Longitude: decimal degree	above ground (m)	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	Ν	-999.9

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

Site ID: **ES2FUSCAFSF**_ Variable name: **Humidity: relative** Units: % Sampling interval: **5 minute** Sampling frequency: **Same as sampling interval**Observation type: **Meteorology** Field sampling or measurement principle: **Capacitance thin film humidity** Sampling Height above ground (m): **11.0**Instrument name and model number: **Met One Instruments Aspirated Thin Film Capacitor Model:083V** Detection Limit: **Undetermined**

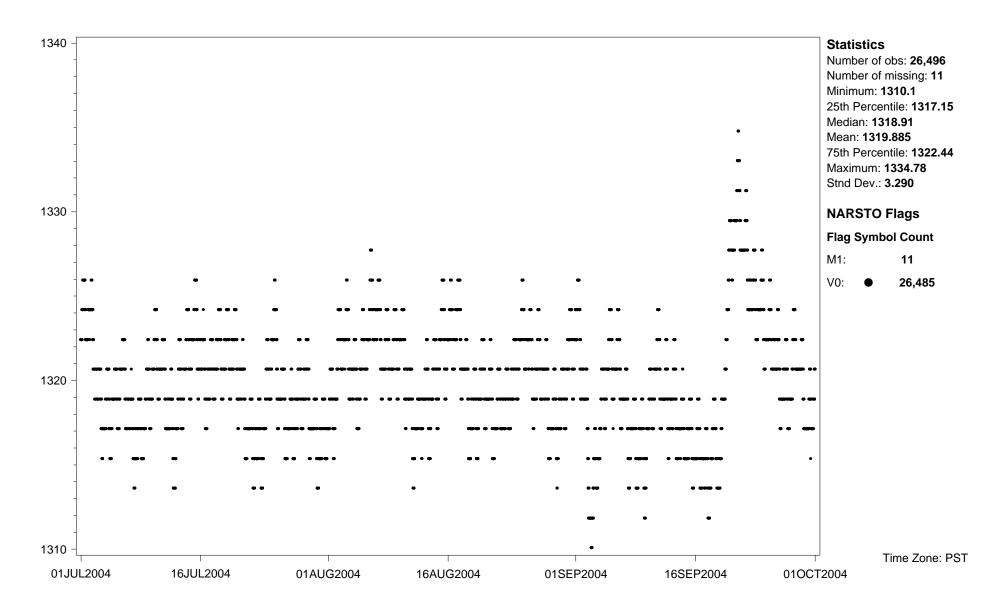


Site ID: ES2FUSCAFSF_ Variable name: Pressure: atmospheric barometric Units: mb Sampling interval: 5 minute

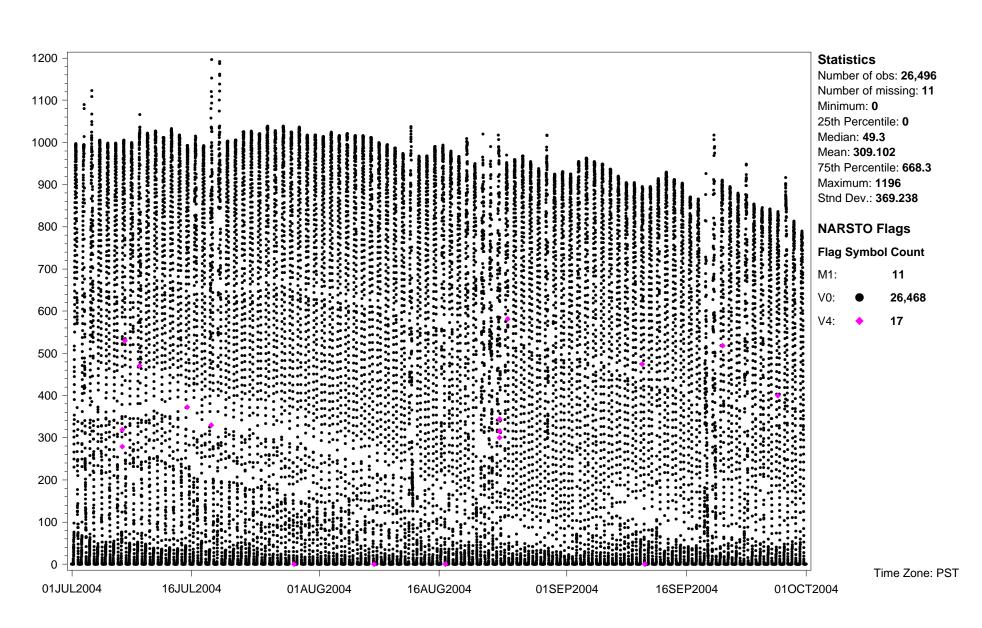
Sampling frequency: Same as sampling interval Observation type: Meteorology Field sampling or measurement principle: Barometer--mercury

Sampling Height above ground (m): 10.9 Instrument name and model number: Met One Instruments Pressure Transducer Model: 090D

Detection Limit: Undetermined



Site ID: ES2FUSCAFSF_ Variable name: Radiation: broadband downwelling solar hemispheric irradiance Units: W/m2 Sampling interval: 5 minute Sampling frequency: Same as sampling interval Observation type: Meteorology Field sampling or measurement principle: Pyranometer Sampling Height above ground (m): 11.2 Instrument name and model number: LI-COR Inc. Pyranometer Model: LI-200SA Detection Limit: Undetermined

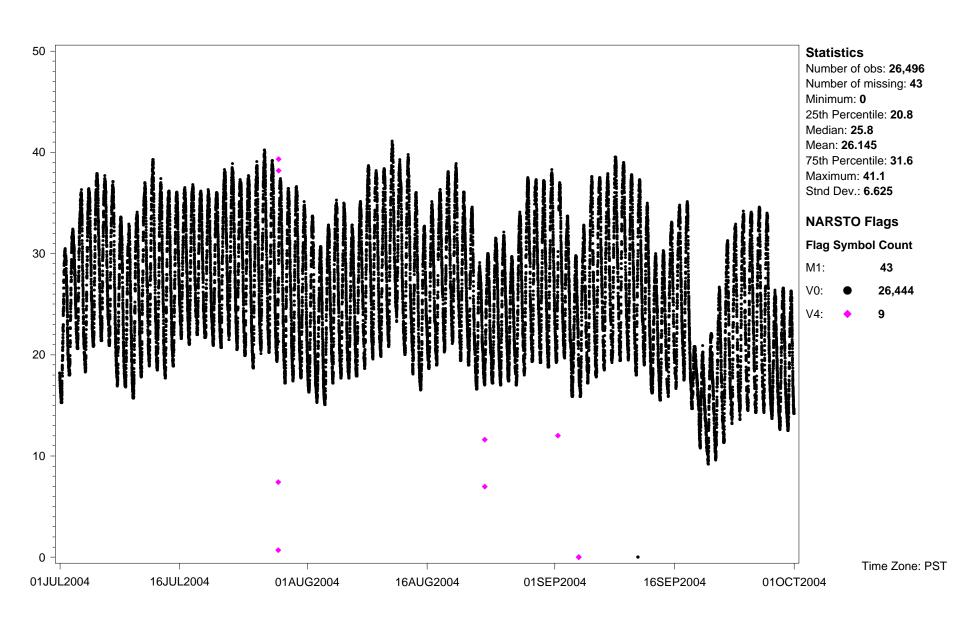


Site ID: ES2FUSCAFSF_ Variable name: Temperature: air Units: deg C Sampling interval: 5 minute Sampling frequency: Same as sampling interval

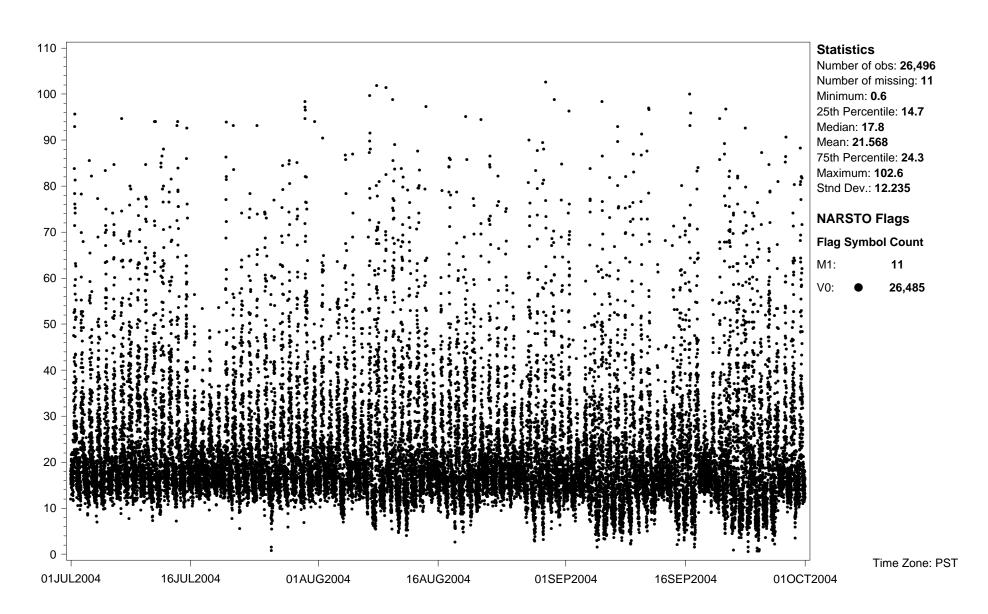
Observation type: **Meteorology** Field sampling or measurement principle: **Thermistor-based temperature sensor**

Sampling Height above ground (m): 11.0 Instrument name and model number: Met One Instruments Aspirated Thermistor Model: 060A-2

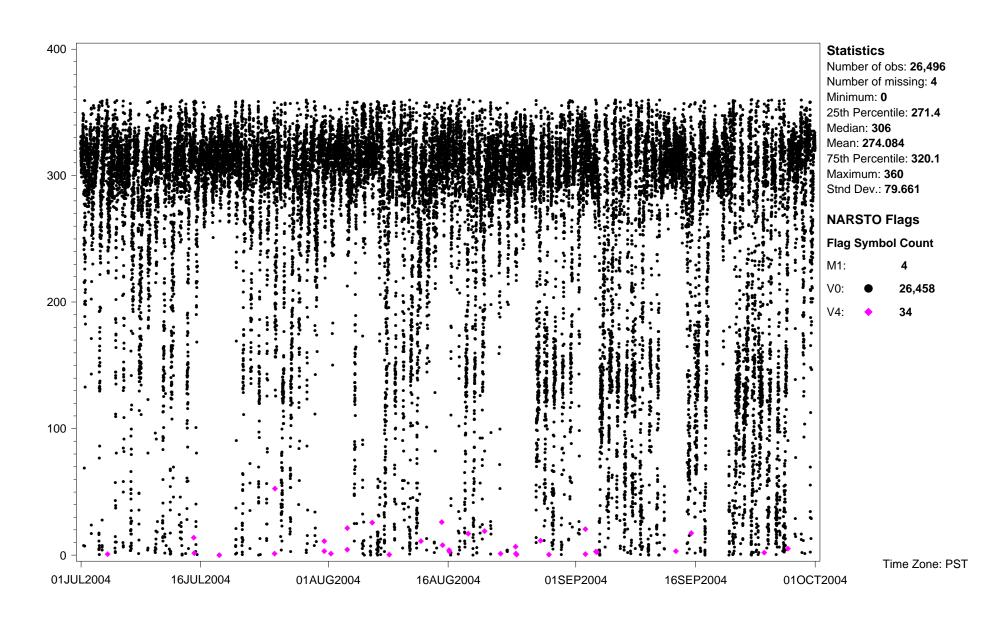
Detection Limit: Undetermined



Site ID: ES2FUSCAFSF_ Variable name: Wind direction: Sigma theta (std. dev. of azimuth angle) Units: degree from true north Sampling interval: 5 minute Sampling frequency: Same as sampling interval Observation type: Meteorology Field sampling or measurement principle: Wind direction vane Sampling Height above ground (m): 14.9 Instrument name and model number: Met One Instruments High-Sensitivity Wind Vane Model: 025-5C Detection Limit: Undetermined



Site ID: **ES2FUSCAFSF**_ Variable name: **Wind direction: unit vector mean** Units: **degree from true north** Sampling interval: **5 minute**Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Field sampling or measurement principle: **Wind direction vane**Sampling Height above ground (m): **14.9** Instrument name and model number: **Met One Instruments High-Sensitivity Wind Vane Model: 025-5C**Detection Limit: **Undetermined**



Site ID: **ES2FUSCAFSF**_ Variable name: **Wind speed: horizontal scalar mean** Units: **m/s** Sampling interval: **5 minute**Sampling frequency: **Same as sampling interval** Observation type: **Meteorology** Field sampling or measurement principle: **Anemometer--cup**Sampling Height above ground (m): **14.9** Instrument name and model number: **Met One Instruments 3-cup Anemometer Model:010-SC**Detection Limit: **Undetermined**

