File #	Original File Name
1	ENVCAN_SHEMP_VAN_JRB_CARBON_PARTISOL_2000_2002_V1.csv

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)	Brook ; Jeffrey	Environment Canada, Meteorological Service of Canada	air-filter-meas ; Air filter measurements	24 hour

Sampling Frequency Of Data in Main Table	Quality Control Level	Organization Acronym	Organization Name	Data Usage Acknowledgement	Study Or Network Acronym
Every day	1	ENVCAN_MSC	Environment Canada--Meteorological Service of Canada	Environment Canada, Meteorological Service of Canada, 4905 Dufferin St., Toronto, Ont. M3H 5T4	ENVCAN_SHEMP

Study Or Network Name	Country Code	State Or Province Code	Principal Investigator Contact Information	Co-investigator Name--last first	Co-investigator Affiliation
Environment Canada--Study of the Health Effects of the Mix of Urban Air Pollutants	CA	BC	Environment Canada, Meteorological Service of Canada, 4905 Dufferin St., Toronto, Ont. M3H 5T4	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
Bill Sukloff, Environment Canada (MSC)	2003/02/10	MS Excel/2002

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	2004/11/26 ; 1	Zero and negative values are reported and reflect actual laboratory analysis results with blank correction, if required, and are flagged as BDL	Detection limits determined as 3SD of field blanks divided mean sample volume and are reported with each measurement.

Table Explanation Of Reported Uncertainty	Table User Note	Table User Note2	Table User Note3	Table User Note4	Table Name	Table Focus
no uncertainty reported	None	None			air_filter_meas	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
SHEMCABCVAN_	Vancouver	ON	49.21556	-121.98250	10.7	145.0	Residential

Site ID	Site location setting	Measurement start date	Measurement end date	Co-incident measurements	Study site ID	Lat lon accuracy
SHEMCABCVAN_	Suburban	2000/02/25	2002/07/10	None		.

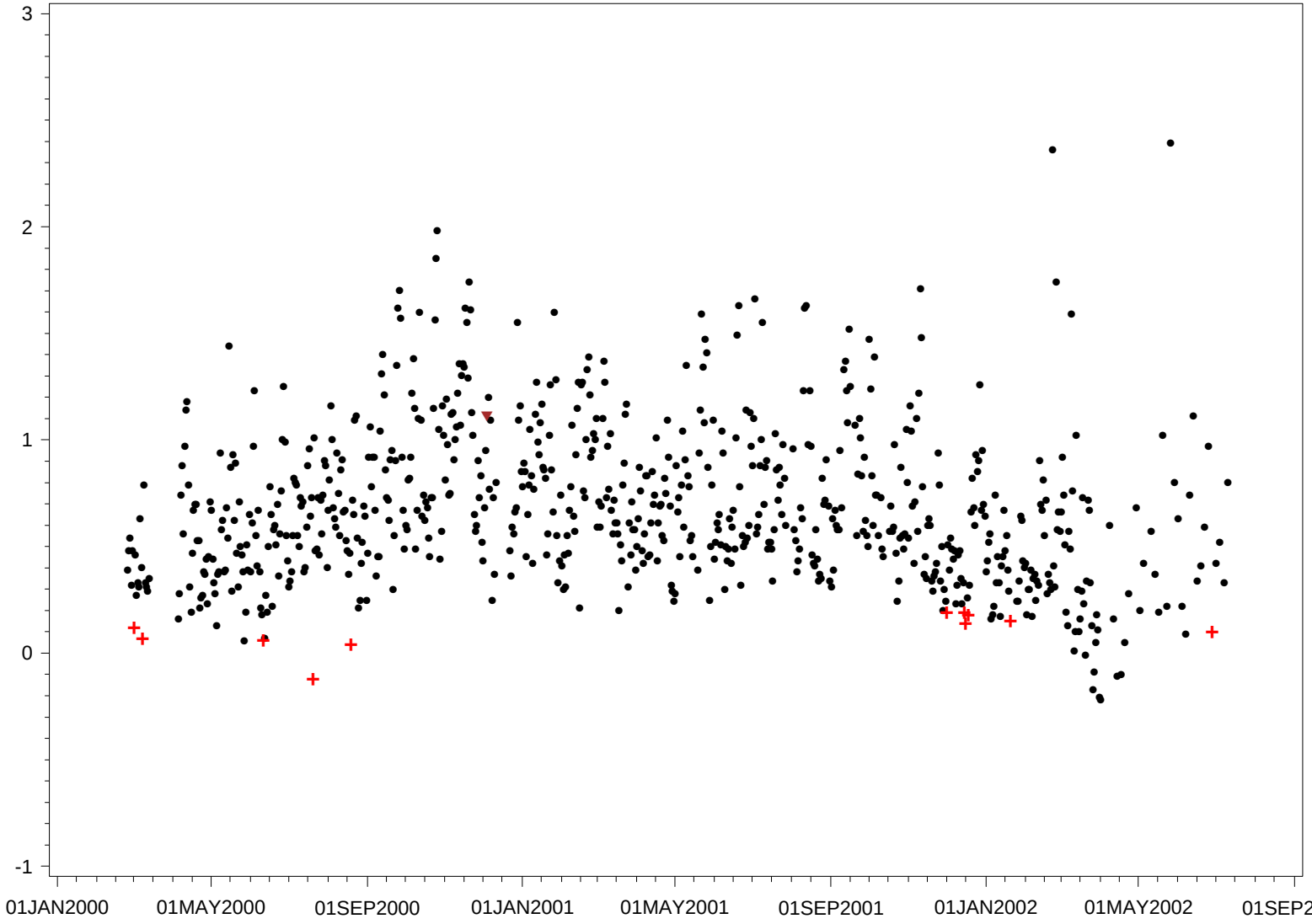
NARSTO Standard Flags

Flag: NARSTO	Description
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
V6	Valid value but qualified due to non-standard sampling conditions

NAtChem Time Series Plot

Site ID: **SHEMCABCVAN_** Variable name: **Carbon: organic (OCX2)** Units: **ug/m3** Sampling interval: **24 hour** Sampling frequency: **Every day**
Observation type: **Particles** Particle diameter--lower bound (UM): **0** Particle diameter--upper bound (UM): **2.5**
Field sampling or measurement principle: **Single filter** Medium: **Quartz** Inlet type: **Cyclone**
Laboratory analytical method: **Thermooptical transmission** Sample preparation: **Thermal desorption** Blank Correction: **Blank corrected**
Volume standardization: **0 deg. C; 1 atmosphere** Sampling Height above ground (m): **2**
Instrument name and model number: **Partisol-Plus Split Flow Sequential PM2.5 Sampler** Measurement principal investigator: **Jeffrey Brook**
Detection Limit: **Varies--see Detection lim**

Site Name:**Vancouver, British Columbia** Latitude:**49.21556 deg.** Longitude:**-121.9825 deg.** Start Date:**2000-02-25** End Date:**2002-07-10**



Statistics

Number of obs: **743**
Number of missing: **1**
Minimum: **-0.22**
25th Percentile: **0.42**
Median: **0.62**
Mean: **0.679**
75th Percentile: **0.89**
Maximum: **2.39**
Stnd Dev.: **0.370**

NARSTO Flags

Flag	Symbol	Count
M2:		**1**
V0:	●	**730**
V1:	+	**11**
V6:	▼	**1**

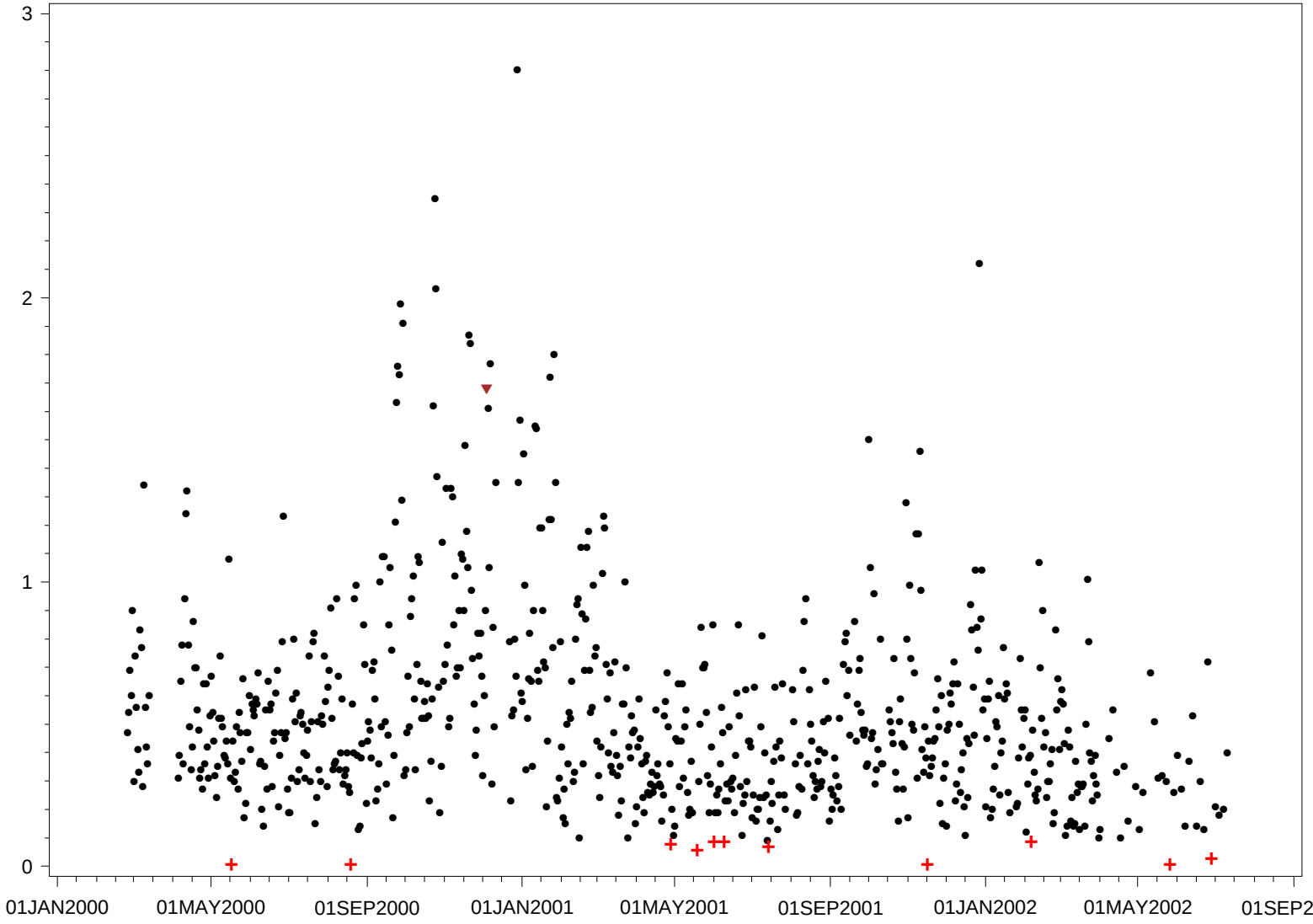
Time Zone: PST

File Name: NATCHEM_ENVCAN_SHEMP_VAN_JRB_CARBON_PARTISOL_2000_2002_V1

NAtChem Time Series Plot 09DEC2004

Site ID: **SHEMCABCVAN_** Variable name: **Carbon: total elemental excluding OCX2** Units: **ug/m3** Sampling interval: **24 hour**
Sampling frequency: **Every day** Observation type: **Particles** Particle diameter--lower bound (UM): **0** Particle diameter--upper bound (UM): **2.5**
Field sampling or measurement principle: **Single filter** Medium: **Quartz** Inlet type: **Cyclone**
Laboratory analytical method: **Thermooptical transmission** Sample preparation: **Thermal desorption** Blank Correction: **Not blank corrected**
Volume standardization: **0 deg. C; 1 atmosphere** Sampling Height above ground (m): **2**
Instrument name and model number: **Partisol-Plus Split Flow Sequential PM2.5 Sampler** Measurement principal investigator: **Jeffrey Brook**
Detection Limit: **Varies--see Detection lim**

Site Name:**Vancouver, British Columbia** Latitude:**49.21556 deg.** Longitude:**-121.9825 deg.** Start Date:**2000-02-25** End Date:**2002-07-10**



Statistics
Number of obs: **743**
Number of missing: **1**
Minimum: **0**
25th Percentile: **0.3**
Median: **0.46**
Mean: **0.538**
75th Percentile: **0.67**
Maximum: **2.8**
Stnd Dev.: **0.356**

NARSTO Flags

Flag Symbol	Count
M2:	**1**
V0: ●	**730**
V1: +	**11**
V6: ▼	**1**

Time Zone: PST

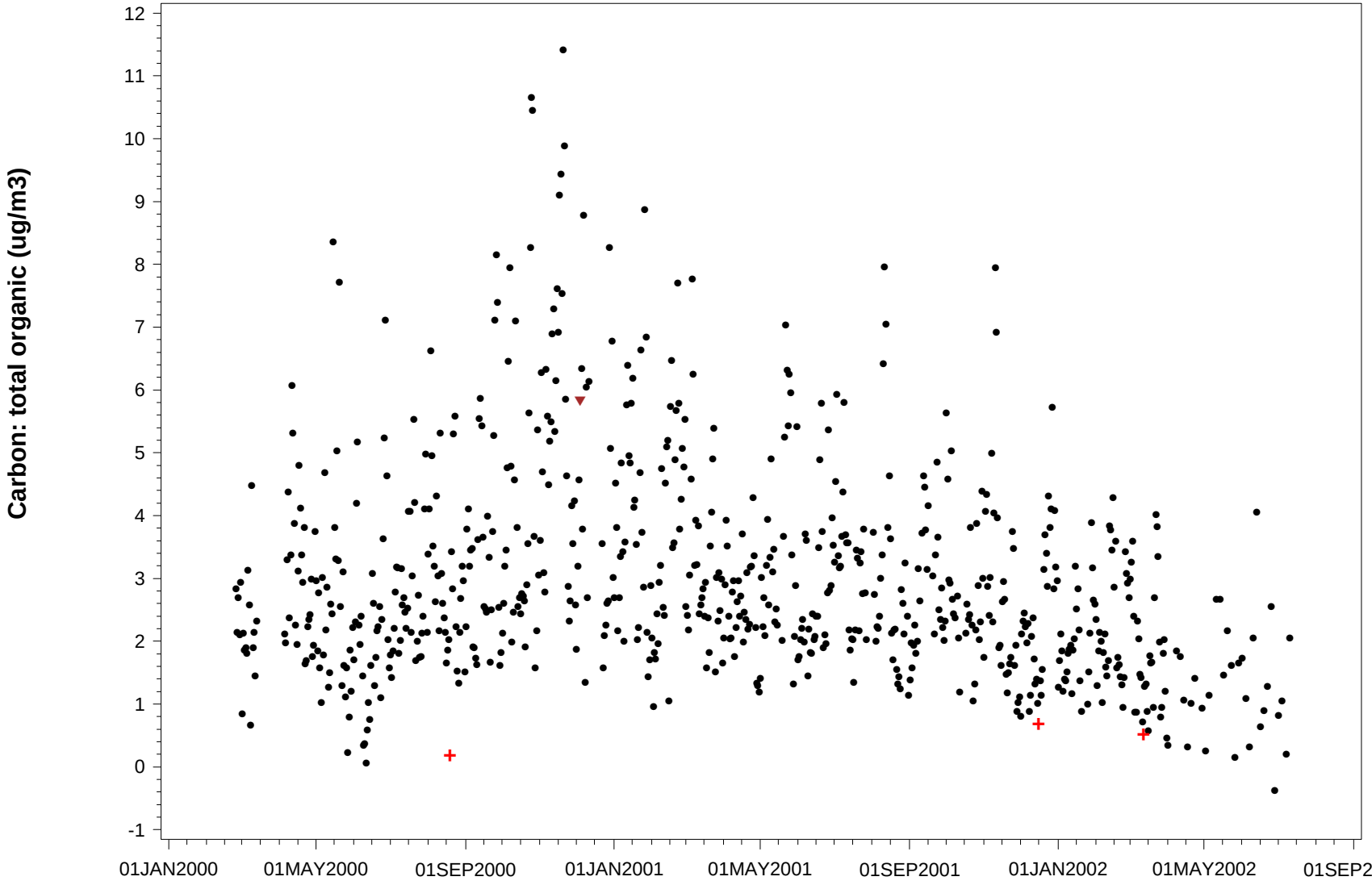
File Name: NATCHEM_ENVCAN_SHEMP_VAN_JRB_CARBON_PARTISOL_2000_2002_V1

NAtChem Time Series Plot

09DEC2004

Site ID: **SHEMCABCVAN_** Variable name: **Carbon: total organic** Units: **ug/m3** Sampling interval: **24 hour** Sampling frequency: **Every day**
Observation type: **Particles** Particle diameter--lower bound (UM): **0** Particle diameter--upper bound (UM): **2.5**
Field sampling or measurement principle: **Single filter** Medium: **Quartz** Inlet type: **Cyclone**
Laboratory analytical method: **Thermooptical transmission** Sample preparation: **Thermal desorption** Blank Correction: **Blank corrected**
Volume standardization: **0 deg. C; 1 atmosphere** Sampling Height above ground (m): **2**
Instrument name and model number: **Partisol-Plus Split Flow Sequential PM2.5 Sampler** Measurement principal investigator: **Jeffrey Brook**
Detection Limit: **Varies--see Detection lim**

Site Name:**Vancouver, British Columbia** Latitude:**49.21556 deg.** Longitude:**-121.9825 deg.** Start Date:**2000-02-25** End Date:**2002-07-10**



Statistics

Number of obs: **743**
Number of missing: **1**
Minimum: **-0.38**
25th Percentile: **1.87**
Median: **2.585**
Mean: **3.001**
75th Percentile: **3.71**
Maximum: **11.41**
Stnd Dev.: **1.716**

NARSTO Flags

Flag Symbol		Count
M2:		**1**
V0:	●	**738**
V1:	+	**3**
V6:	▼	**1**

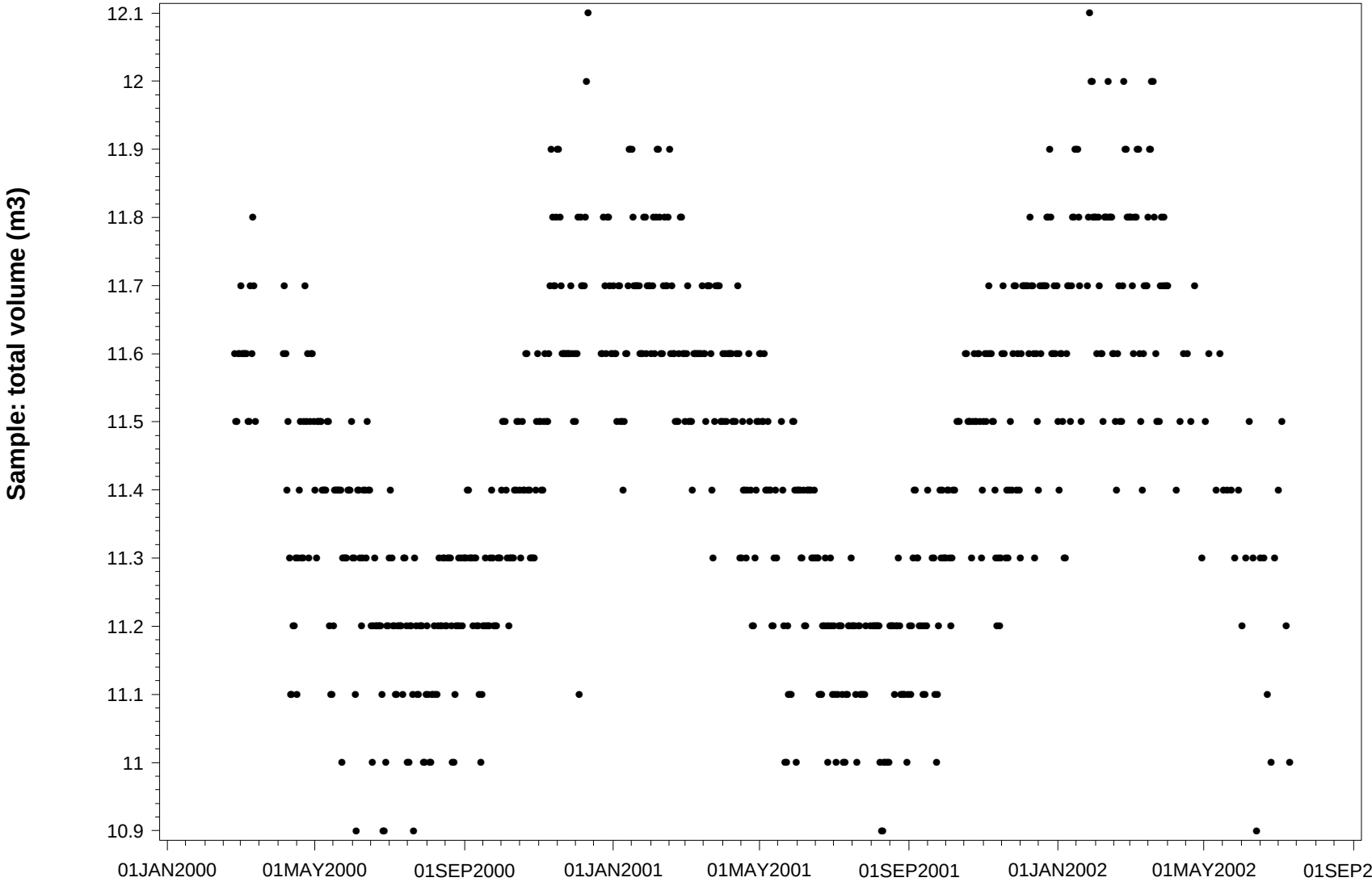
Time Zone: PST

File Name: NATCHEM_ENVCAN_SHEMP_VAN_JRB_CARBON_PARTISOL_2000_2002_V1

NAtChem Time Series Plot 09DEC2004

Site ID: **SHEMCABCVAN_** Variable name: **Sample: total volume** Units: **m3** Sampling interval: **24 hour** Sampling frequency: **Every day**
Observation type: **Flow** Field sampling or measurement principle: **Mass flow controller** Volume standardization: **0 deg. C; 1 atmosphere**
Sampling Height above ground (m): **2** Instrument name and model number: **Partisol-Plus Split Flow Sequential PM2.5 Sampler**
Measurement principal investigator: **Jeffrey Brook**

Site Name:**Vancouver, British Columbia** Latitude:**49.21556 deg.** Longitude:**-121.9825 deg.** Start Date:**2000-02-25** End Date:**2002-07-10**



Statistics
Number of obs: **743**
Number of missing: **0**
Minimum: **10.9**
25th Percentile: **11.2**
Median: **11.4**
Mean: **11.439**
75th Percentile: **11.6**
Maximum: **12.1**
Stnd Dev.: **0.242**

NARSTO Flags

Flag Symbol Count

V0: ● **743**

Time Zone: PST

File Name: NATCHEM_ENVCAN_SHEMP_VAN_JRB_CARBON_PARTISOL_2000_2002_V1