

## File Names

09:53 Monday, March 21, 2005 1

File #	Original File Name
1	PAC2001_LNEL_JRB_PM25-OC+EC_FP-CYCLONE_20010814D19_V2.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	Sampling Frequency Of Data in Main Table	Quality Control Level	Organization Acronym	Organization Name	Data Usage Acknowledgement	Study Or Network Acronym	Study Or Network Name	Country Code
NARSTO 2002/05/28 (2.301)	Brook ; Dr. Jeff	Air Quality Research Branch, Meteorological Service of Canada	PM25_OC+EC ; Organic and elemental carbon concentrations of PM2.5 samples	Variable interval	Variable frequency	1	ENVCAN	Environment Canada	Meteorological Service of Canada, Environment Canada, 4905 Dufferin St., Toronto, Ont. Canada M3H 5T4	PAC2001	Pacific 2001	CA (CANADA)

State Or Province Code	Principal Investigator Contact Information	Co-investigator Name--last first	Co-investigator Affiliation	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	Companion File Name format And Version	Date This File Generated archive Version Number	Table Explanation Of Zero Or Negative Values
BC	Dr. Jeff Brook, 4905 Dufferin St., Toronto ON, CANADA, M3H 5T4 Jeff.Brook@ec.gc.ca	None ; None	None	Greg Skelton, SKELTON TECHNICAL SERVICES INC	2002/12/12	MS Excel/2000	None ; 0	2004/09/22 ; 1	Zero and negative values are reported and reflect actual laboratory analysis results with blank correction, if required, and are flagged as BDL

Table Explanation Of Reported Detection Limit Values	Table Explanation Of Reported Uncertainty	Table User Note	Table User Note2	Table User Note3	Table User Note4	Table Name	Table Focus
Detection limits determined as 3SD of field blanks divided mean sample volume and are reported with each measurement.		None	None			PM25_OC+EC	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	Measurement start date	Measurement end date	Co-incident measurements	Study site ID	Lat lon accuracy
PC01CABCLNEL	Lochiel School	BC	49.028900	-122.602500	6.0	94.0	Agricultural	Rural	2001/08/14	2001/09/01	None		.

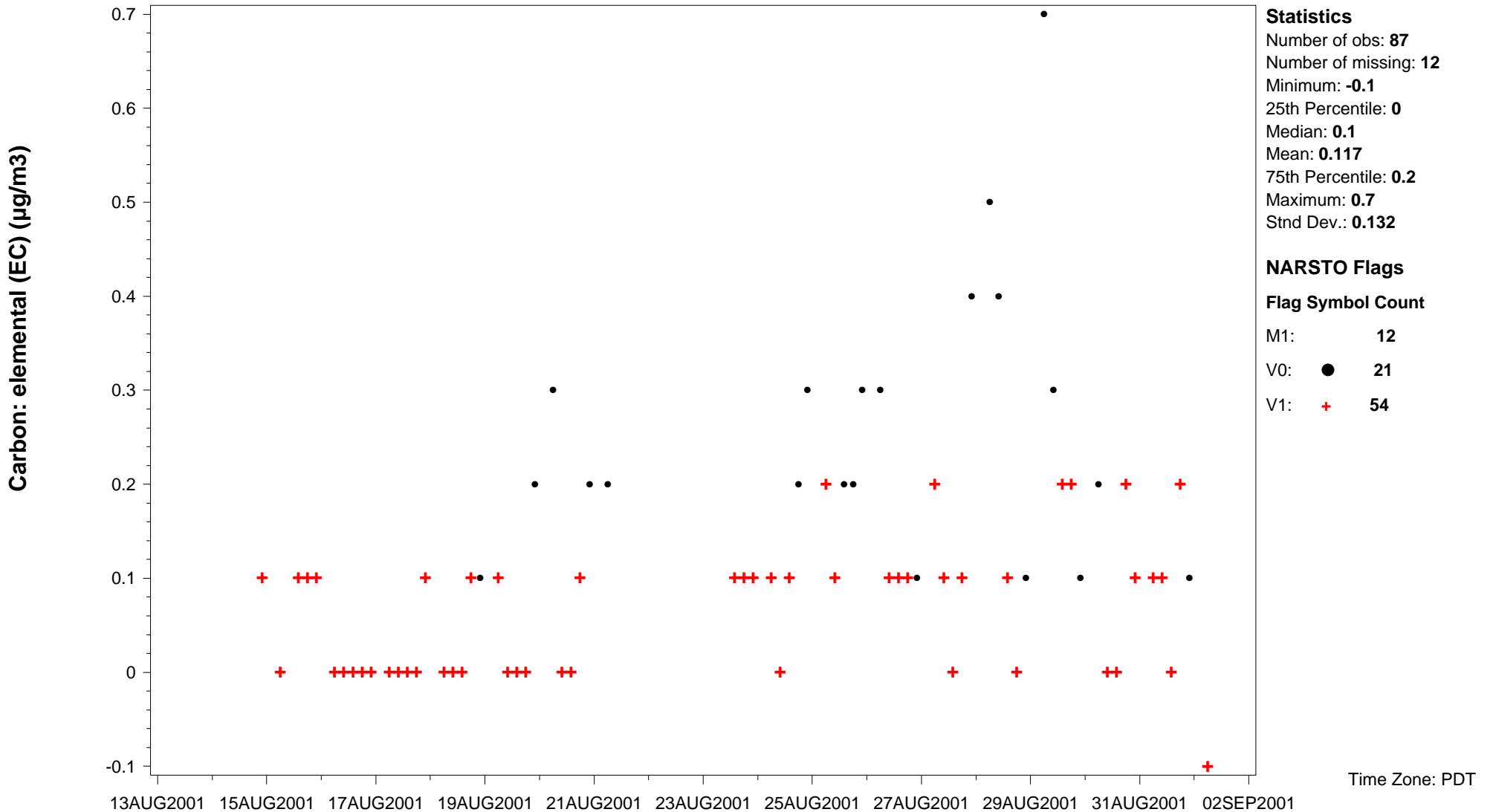
## NARSTO Standard Flags

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

NAtChem Time Series Plot

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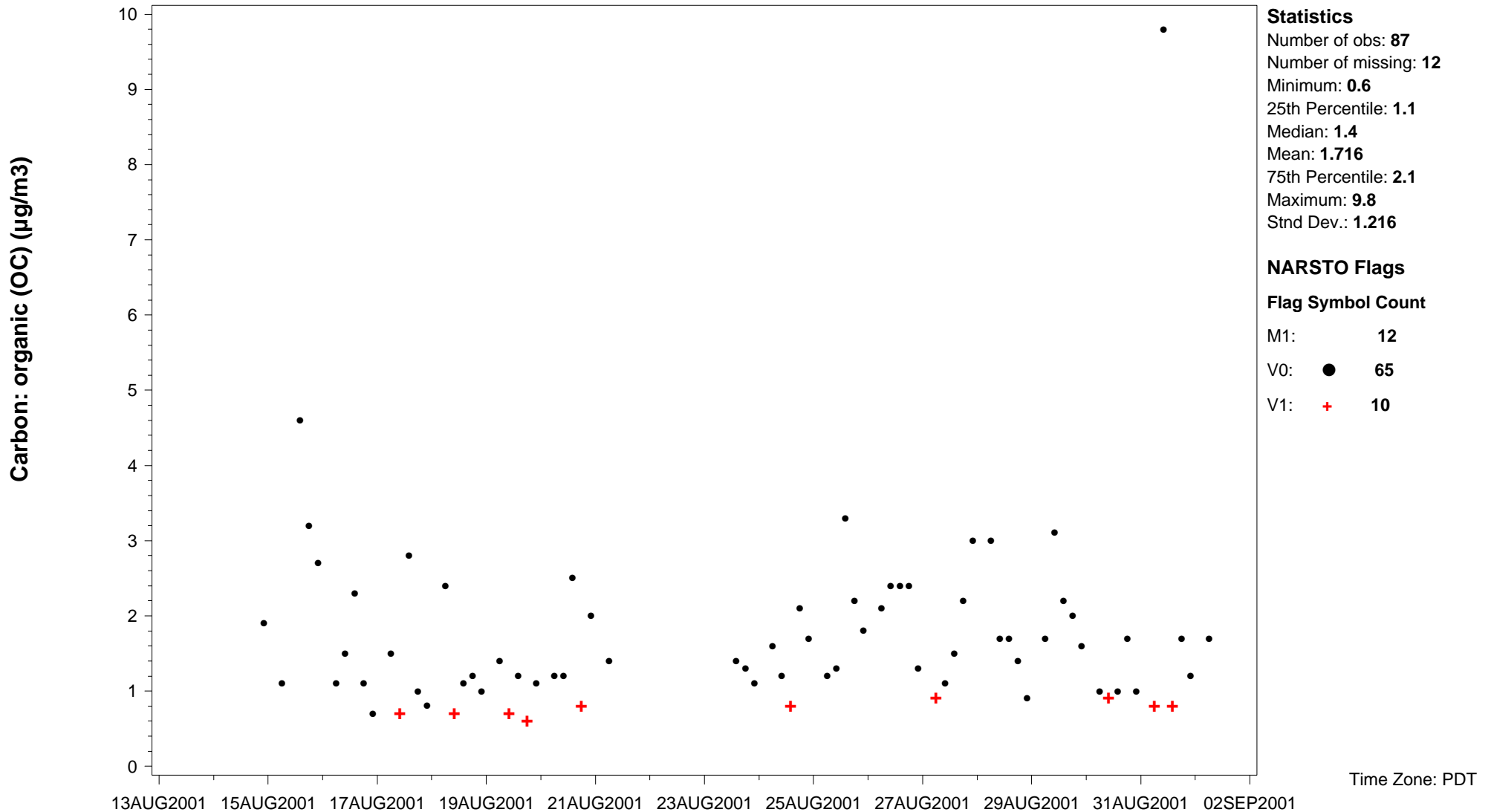
Site ID: **PC01CABLNEL** Variable name: **Carbon: elemental (EC)** Units: **µg/m3** Sampling interval: **Variable interval** Sampling frequency: **Variable frequency**  
 Observation type: **Particles** Particle diameter--lower bound (UM): **Undetermined** Particle diameter--upper bound (UM): **2.5**  
 Field sampling or measurement principle: **Single filter** Medium: **Quartz** Inlet type: **Cyclone** Laboratory analytical method: **Thermo-optical transmission**  
 Blank Correction: **Blank corrected** Volume standardization: **25 deg. C; 1 atmosphere** Sampling Height above ground (m): **6**  
 Instrument name and model number: **47 mm Filter Pack with upstream URG PM2.5 Cyclone** Detection Limit: **Varies--see Detection limit column**  
 Site Name: **Lochiel School, British Columbia** Latitude: **49.0289 deg.** Longitude: **-122.6025 deg.** Start Date: **2001-08-14** End Date: **2001-09-01**



NAtChem Time Series Plot

21MAR2005

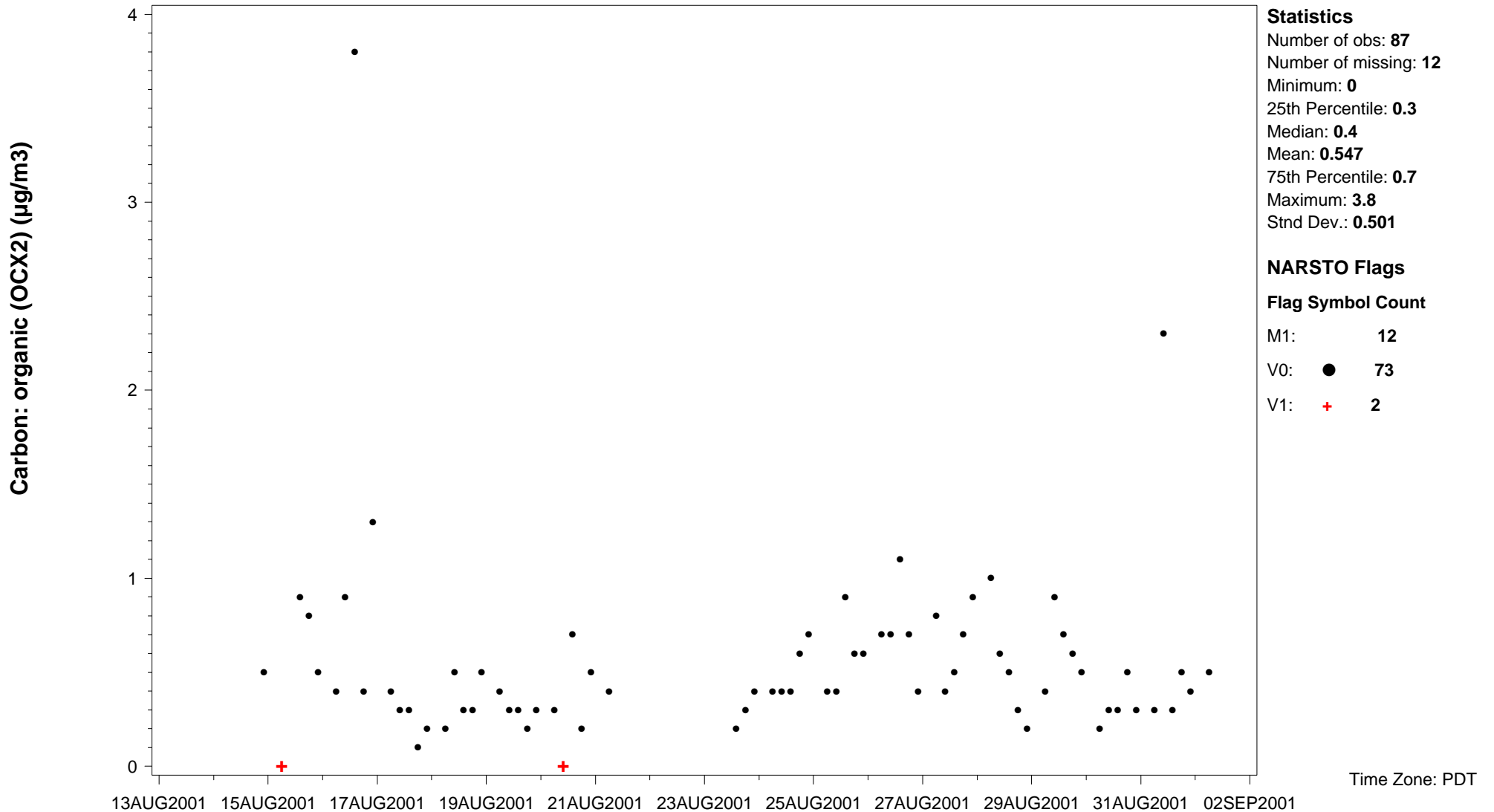
Site ID: **PC01CABLNEL** Variable name: **Carbon: organic (OC)** Units: **µg/m3** Sampling interval: **Variable interval** Sampling frequency: **Variable frequency**  
 Observation type: **Particles** Particle diameter--lower bound (UM): **Undetermined** Particle diameter--upper bound (UM): **2.5**  
 Field sampling or measurement principle: **Single filter** Medium: **Quartz** Inlet type: **Cyclone** Laboratory analytical method: **Thermo-optical transmission**  
 Blank Correction: **Blank corrected** Volume standardization: **25 deg. C; 1 atmosphere** Sampling Height above ground (m): **6**  
 Instrument name and model number: **47 mm Filter Pack with upstream URG PM2.5 Cyclone** Detection Limit: **Varies--see Detection limit column**  
 Site Name: **Lochiel School, British Columbia** Latitude: **49.0289 deg.** Longitude: **-122.6025 deg.** Start Date: **2001-08-14** End Date: **2001-09-01**



NAtChem Time Series Plot

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Site ID: **PC01CABLNEL** Variable name: **Carbon: organic (OCX2)** Units: **µg/m3** Sampling interval: **Variable interval** Sampling frequency: **Variable frequency**  
 Observation type: **Particles** Particle diameter--lower bound (UM): **Undetermined** Particle diameter--upper bound (UM): **2.5**  
 Field sampling or measurement principle: **Single filter** Medium: **Quartz** Inlet type: **Cyclone** Laboratory analytical method: **Thermo-optical transmission**  
 Blank Correction: **Blank corrected** Volume standardization: **25 deg. C; 1 atmosphere** Sampling Height above ground (m): **6**  
 Instrument name and model number: **47 mm Filter Pack with upstream URG PM2.5 Cyclone** Detection Limit: **Varies--see Detection limit column**  
 Site Name: **Lochiel School, British Columbia** Latitude: **49.0289 deg.** Longitude: **-122.6025 deg.** Start Date: **2001-08-14** End Date: **2001-09-01**



### NAtChem Time Series Plot

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Site ID: **PC01CABLNEL** Variable name: **Sample: total volume** Units: **m3** Sampling interval: **Variable interval** Sampling frequency: **Variable frequency**  
Observation type: **Supplementary data** Field sampling or measurement principle: **Mass flow controller** Volume standardization: **25 deg. C; 1 atmosphere**  
Instrument name and model number: **MKS 0-20K Mass Flow controller**

Site Name: **Lochiel School, British Columbia** Latitude: **49.0289 deg.** Longitude: **-122.6025 deg.** Start Date: **2001-08-14** End Date: **2001-09-01**

