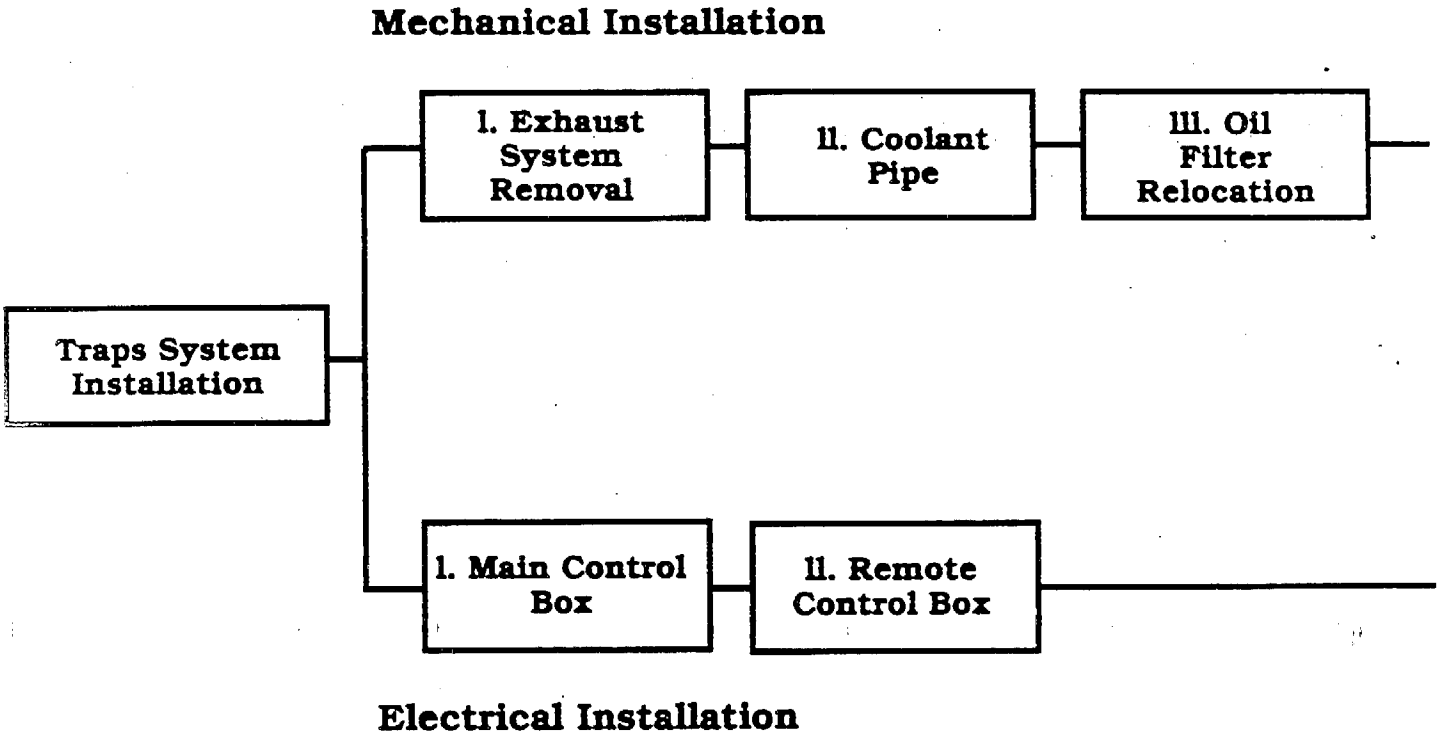
Appendix A: Installation Schedule Chart

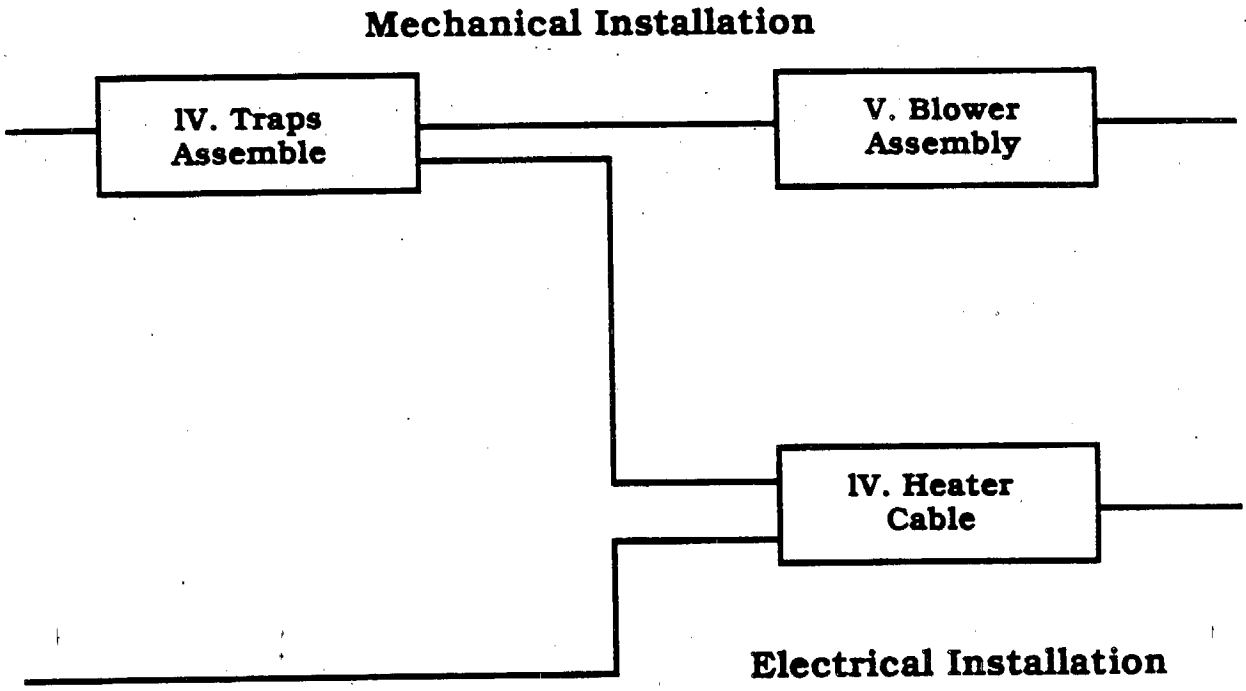
ARB Bus Installation Schedule Chart

Day 1



ARB Bus Installation
Schedule Chart

Day 2



ARB Bus Installation
Schedule Chart

Day 3

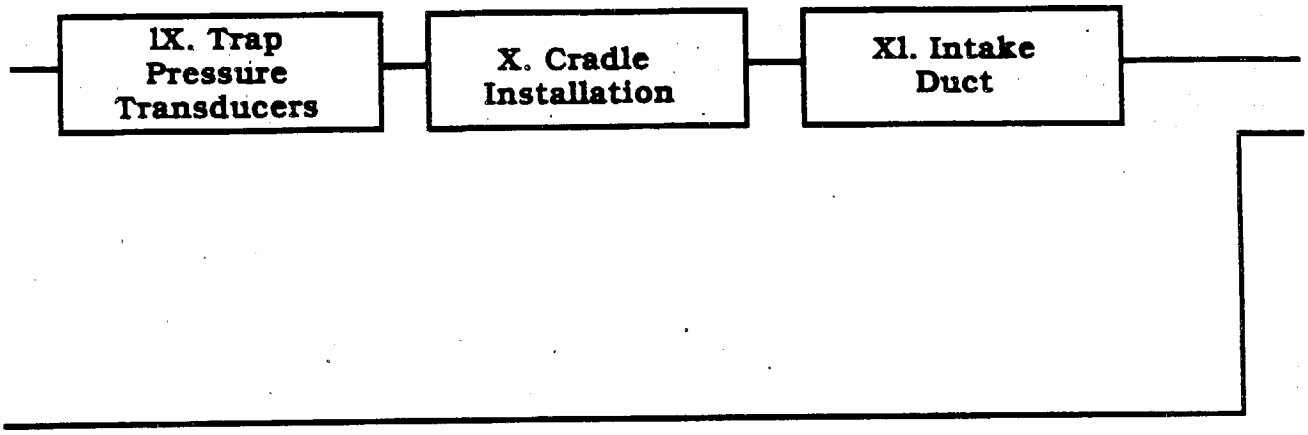
Mechanical Installation

Electrical Installation

ARB Bus Installation
Schedule Chart

Day 4

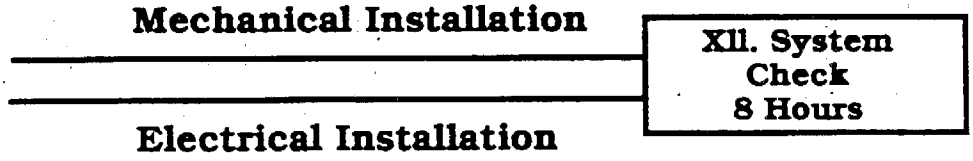
Mechanical Installation



Electrical Installation

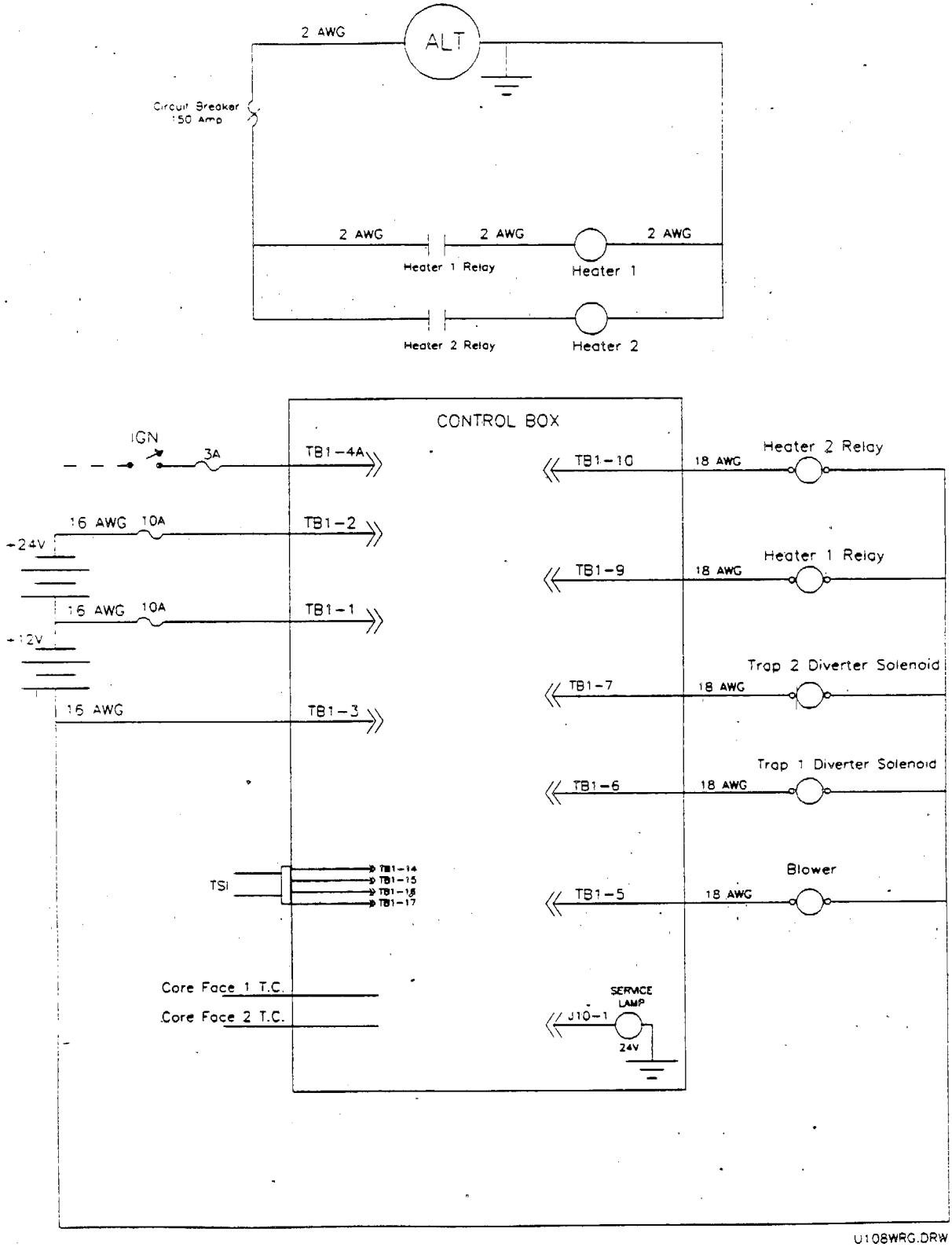
ARB Bus Installation
Schedule Chart

Day 5



Appendix B: Bus Main Control Box Wiring

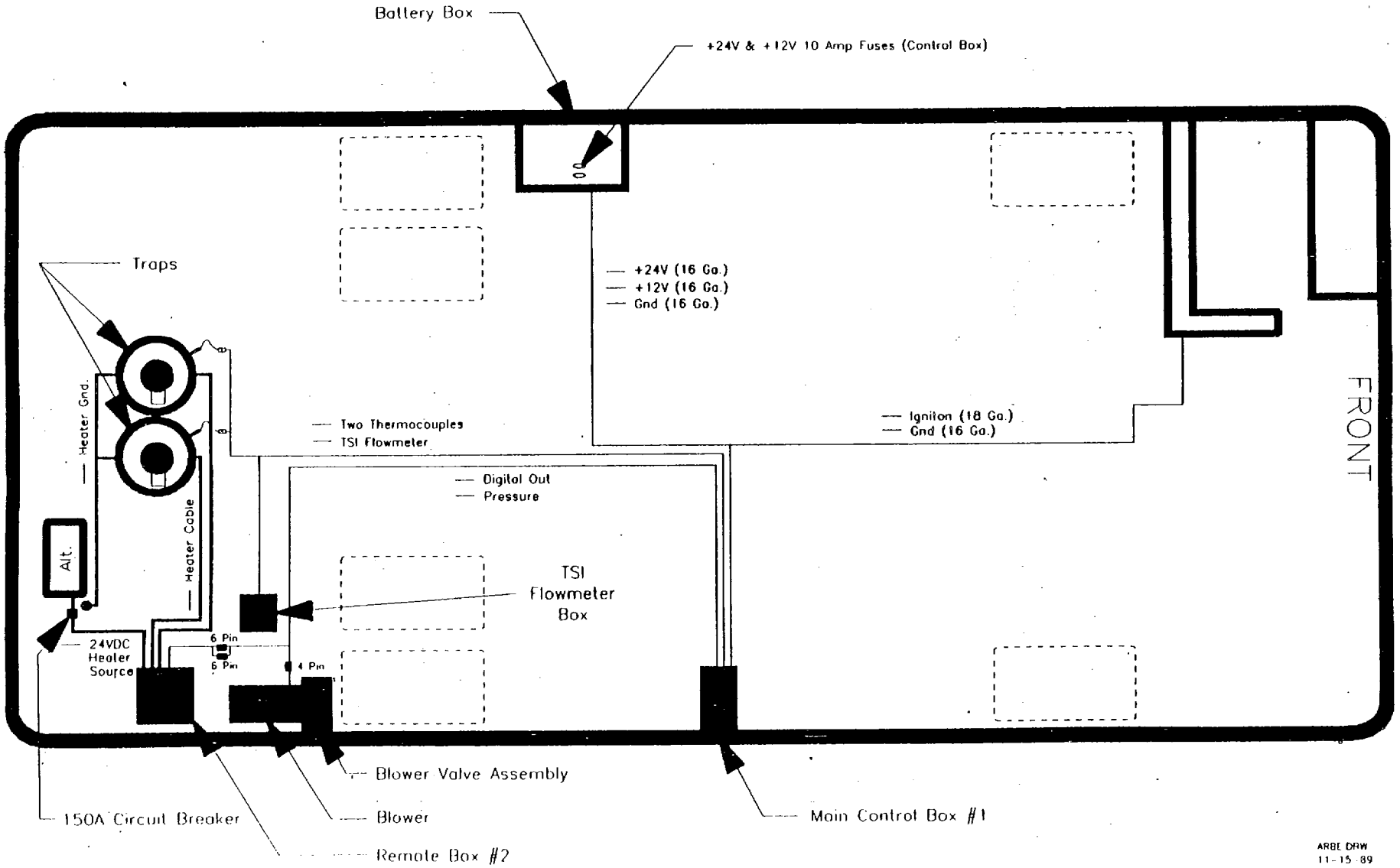
ARB 108 BUS Control Box Wiring



U108WRG.DRW
11-15-89
Rev. 1

Appendix D: Bus Wire Looms

ARB BUS
WIRE LOOMS

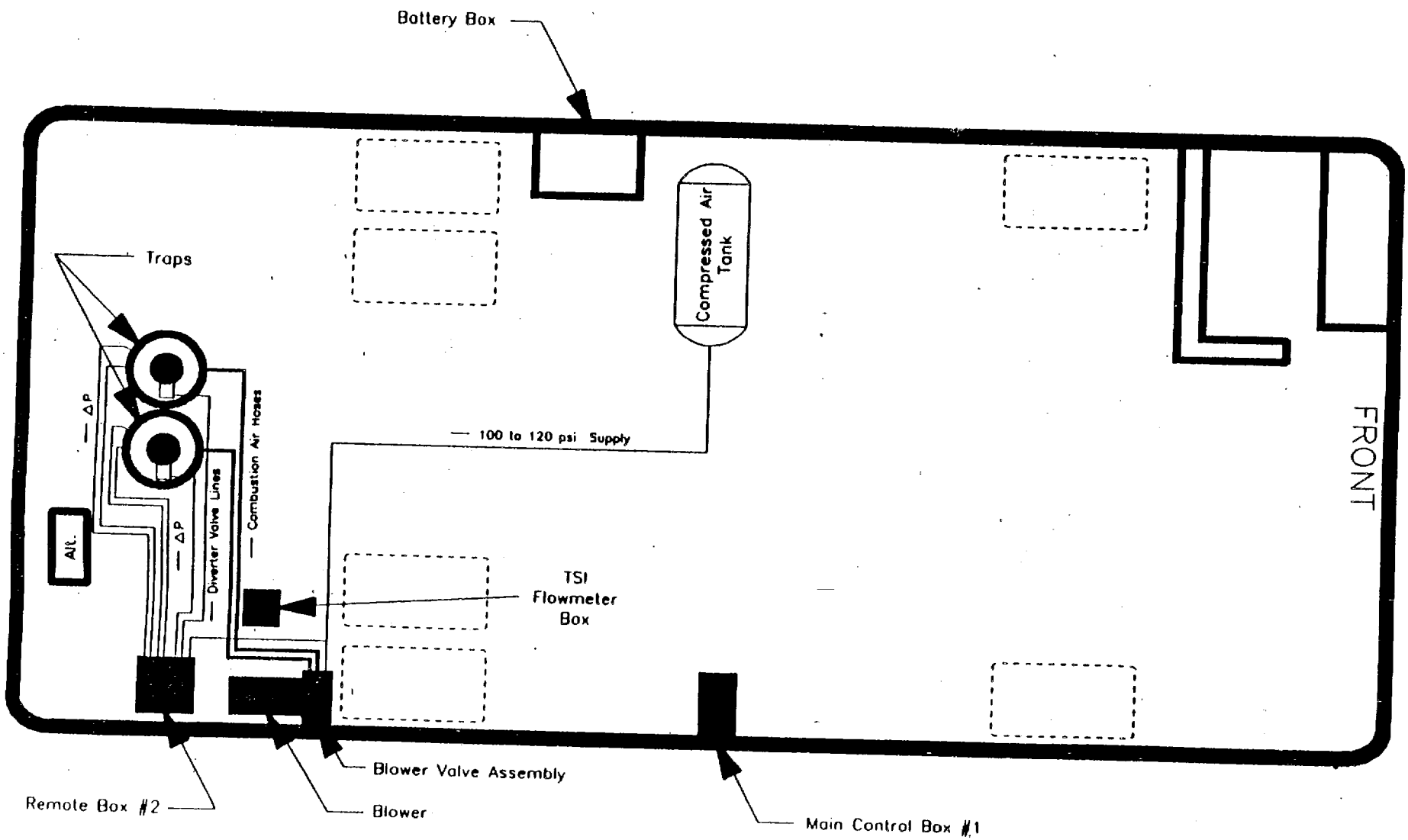


ARBE DRW
11-15-89
Rev 1

Appendix C: Bus Pneumatic Lines

ARB BUS

PNEUMATIC LINES



ARBN DRW
11-01-89

Appendix E: Parts List

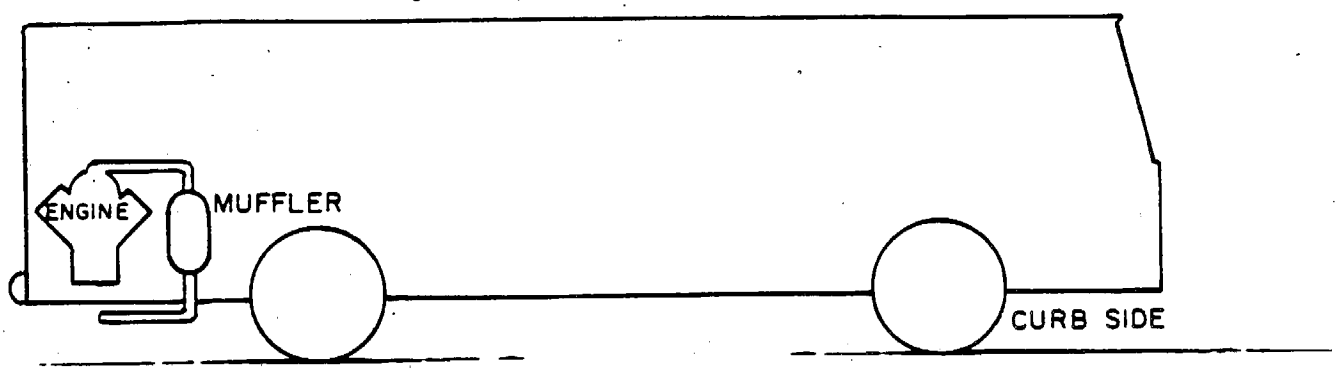
ARB BUS
DIESEL PARTICULATE SYSTEM
PARTS LIST

Qty	Item
2	5215B232 Trap Muffler Assembly o Perfed baffle inlet o 5215B223 heater o .12 dia TC on core face o 5215B catalyzed foam face cores o Scarfed, perfed tube outlet
1	Bracket Assembly
1	Inlet Manifold - 2-pieces, 5215B261
1	#1 Tailpipe
1	#2 Tailpipe
1	Tailpipe Mounting Bracket
2	5 inch diverter valve - WABCO, nickel plated, 1-pc shaft, bushings
1	5215B176 Blower with 2 mounting clamps
2	062E1 3-way Humphrey solenoids
2	PVC shut-off valve with .4375 orifice
1	Box of assorted fittings for blower connections
1	P21-2201 bp relief valve
1	MFM04-5237 relief valve muffler
-	2.0 inch flex pipe and mounting clamp
1	6 inch OD 16 ga alzd intake duct with TSI fitting
1	Main Control Box #108
1	Remote Control Box 2 Transducers 2 Prestolite Relays 1 Circuit Breaker 2 Humphrey Solenoids for Diverter Valves
1	TSI Probe #84245
1	Modified coolant line 5215B262
1	Remote mount oil filter kit
2	Condensate traps

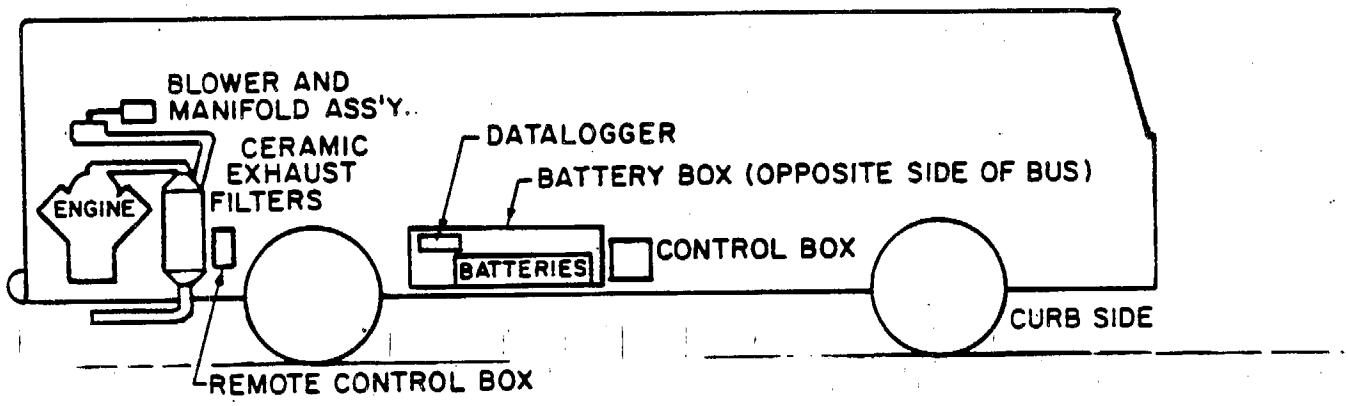
Accessories

1.0 ID Neoprene tubing
5.0 Sealclamps
Teflon tubing .25 OD x .12 ID
SS Swagelok fittings
Legris fittings
.25 OD SS tubing

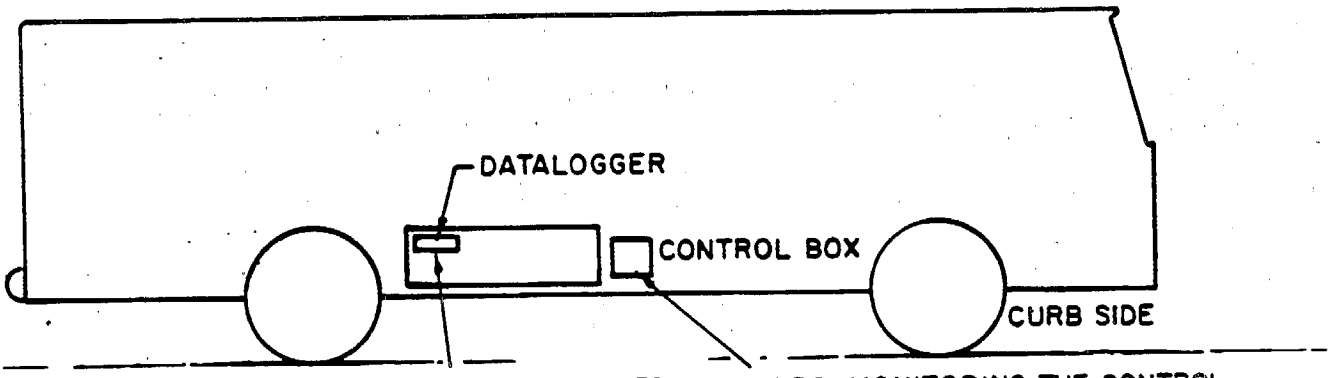
GM RTS BUS - STOCK



WITH TRAP SYSTEM



DATA ACQUISITION



IBM PC MONITORING TRAP TEMPERATURES IN AND OUT AS WELL AS BACKPRESSURE JUST AFTER THE TURBOCHARGER

IBM PC MONITORING THE CONTROL CIRCUIT FOR THE TRAP SYSTEM

APPENDIX K

Trap Performance Data
Collected at ARB on
January 5, 1990.

ARB 8-Mode Chassis-Dyno Cycle
SCRTD Trap Bus 8924 (DDC 6V92TA 240 HP)
Data Collected on Jan 5, 1990 at ARB

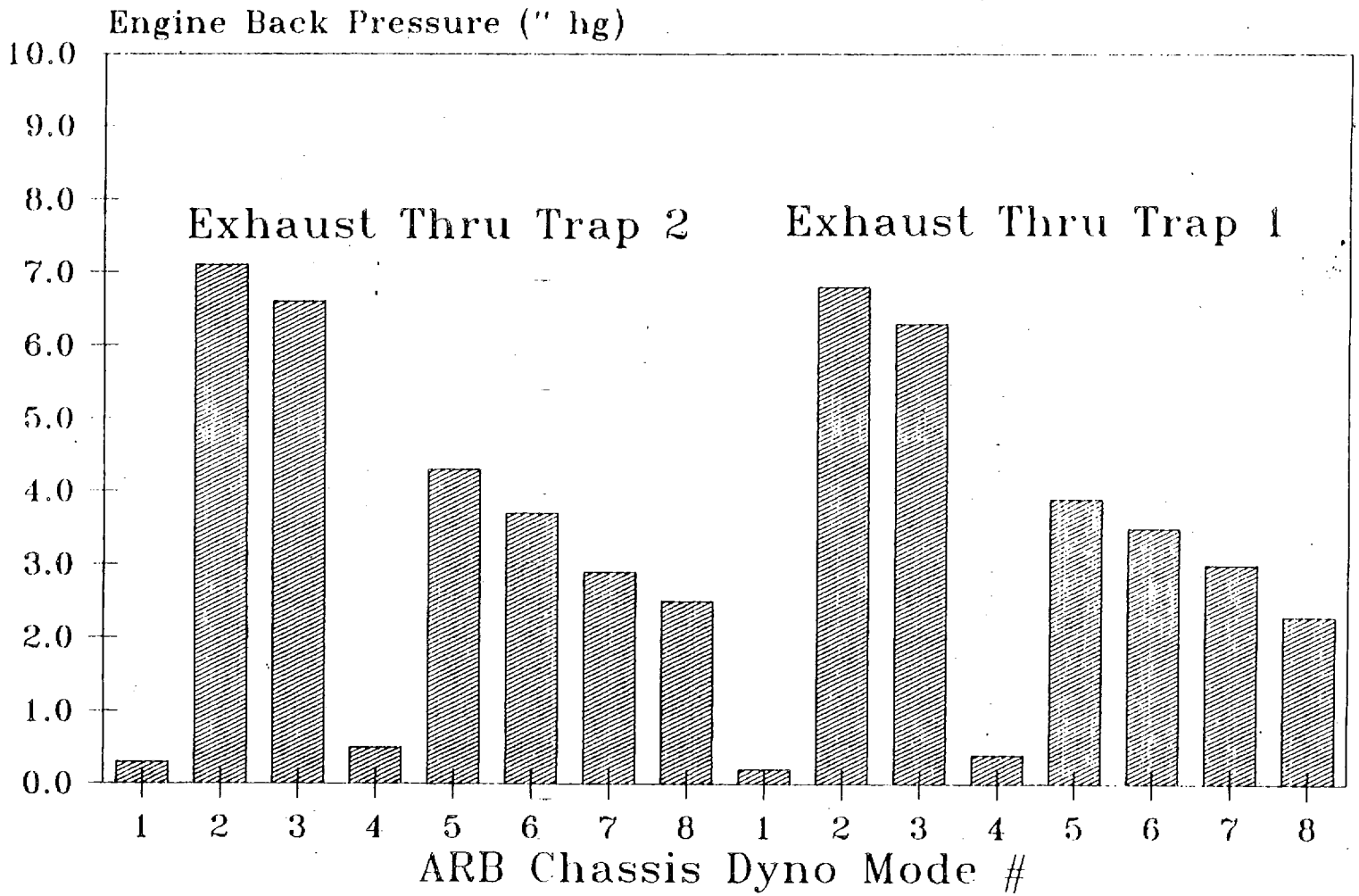
Mode	Actual	Road		Road	Engine	Exhaust	Trap 2 Open		Trap 1 Closed	
	rpm	HP	ft-lb	Speed	BP	Temp	Inlet	Outlet	Inlet	Outlet
#				mph	("hg)	(C)	(C)	(C)	(C)	(C)
1	620	0	0	0.0	0.3	139	132	133	119	83
2	2119	128	317	40.5	7.1	330	321	320	129	93
3	2125	84	208	40.7	6.6	299	293	292	148	88
4	601	0	0	0.0	0.5	218	229	252	148	87
5	1292	147	598	24.7	4.3	401		370	138	90
6	1307	114	458	25.1	3.7	388		378	140	96
7	1304	72	290	24.9	2.9	325		317	149	101
8	1310	43	172	24.9	2.5	267	260	263	149	102

Mode	Actual	Road		Road	Engine	Exhaust	Trap 2 Open		Trap 1 Closed	
	rpm	HP	ft-lb	Speed	BP	Temp	Inlet	Outlet	Inlet	Outlet
#				mph	("hg)	(C)	(C)	(C)	(C)	(C)
1	614	0	0	0.0	0.2	113	92	77	85	66
2	2115	129	320	40.4	6.8	336	324	315	74	72
3	2094	84	211	40.2	6.3	325	318	313	69	76
4	601	0	0	0.0	0.4	222	248	290	69	76
5	1298	147	595	24.6	3.9	421	407	397	87	76
6	1317	115	459	25.1	3.5	382	372	363	91	76
7	1305	73	294	24.9	3.0	324	317	311	93	76
8	1303	44	177	24.9	2.3	261	252	246	95	76

ARB Trap System Demonstration

SCRTD Bus 8924 with DDC 6V92TA 240 hp

DCI Electric Dual Trap System

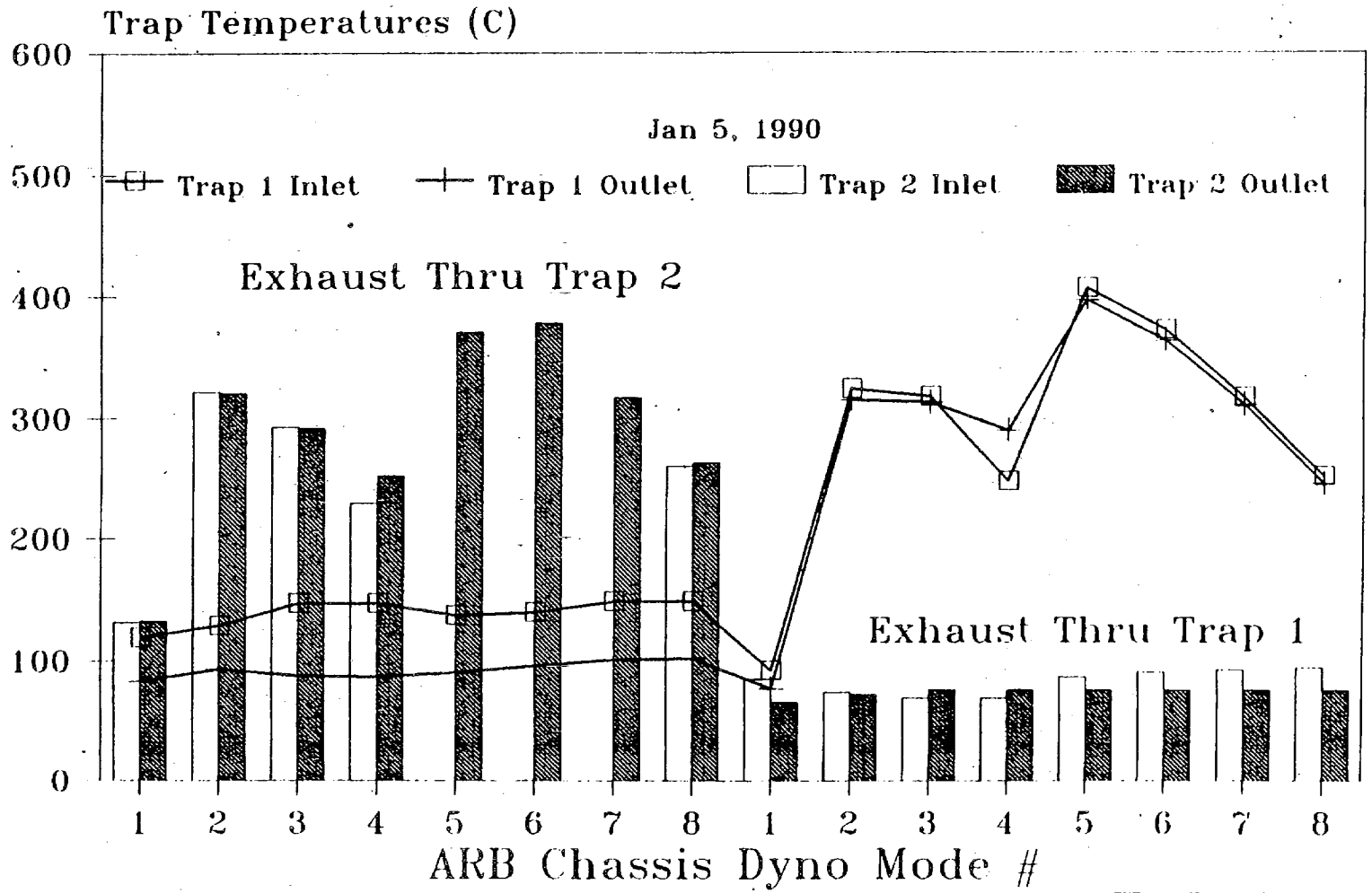


AET-ORTECH International

ARB Trap System Demonstration

SCRTD Bus 8924 with DDC 6V92TA 240 hp

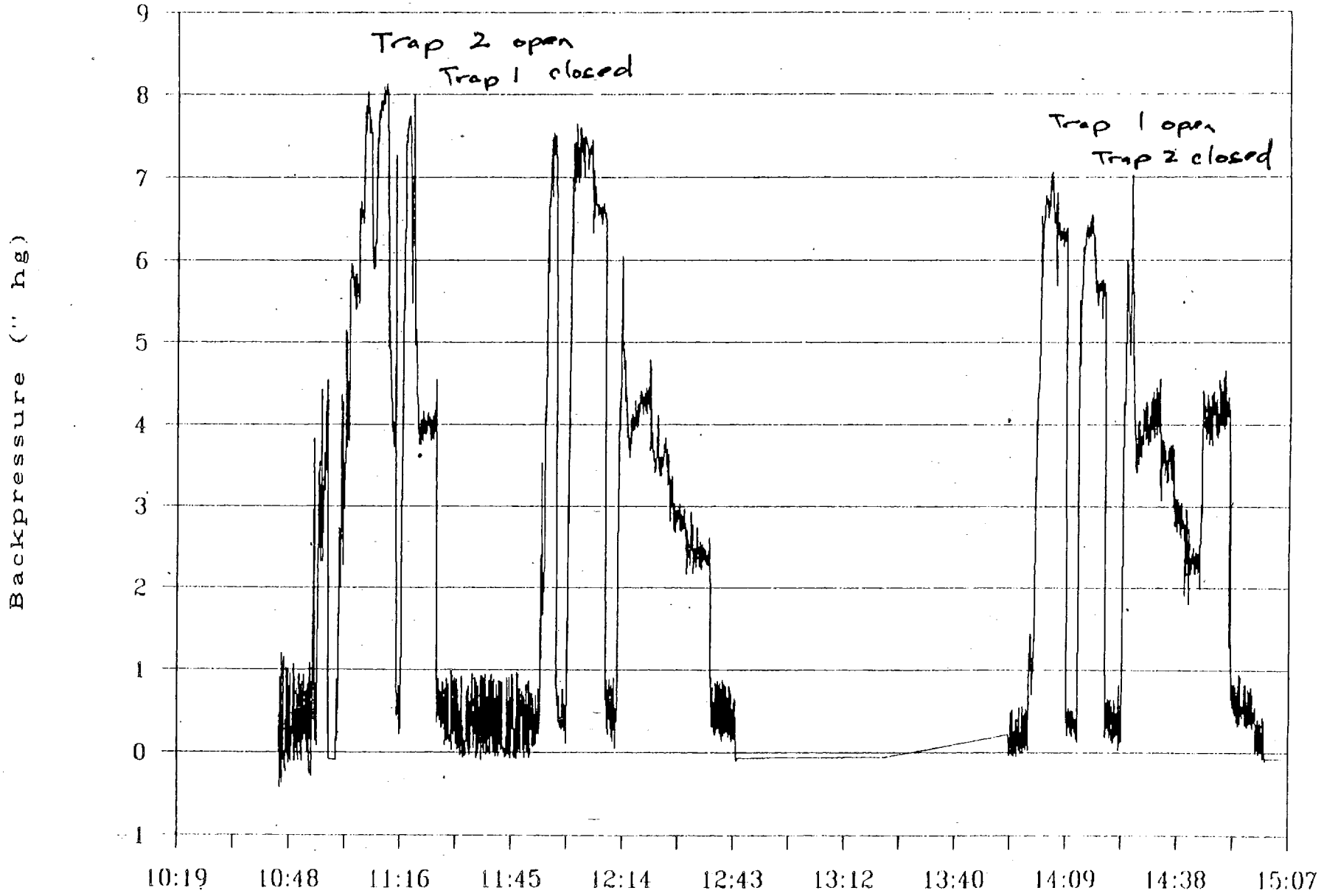
DCI Electric Dual Trap System



AET-ORTECH International

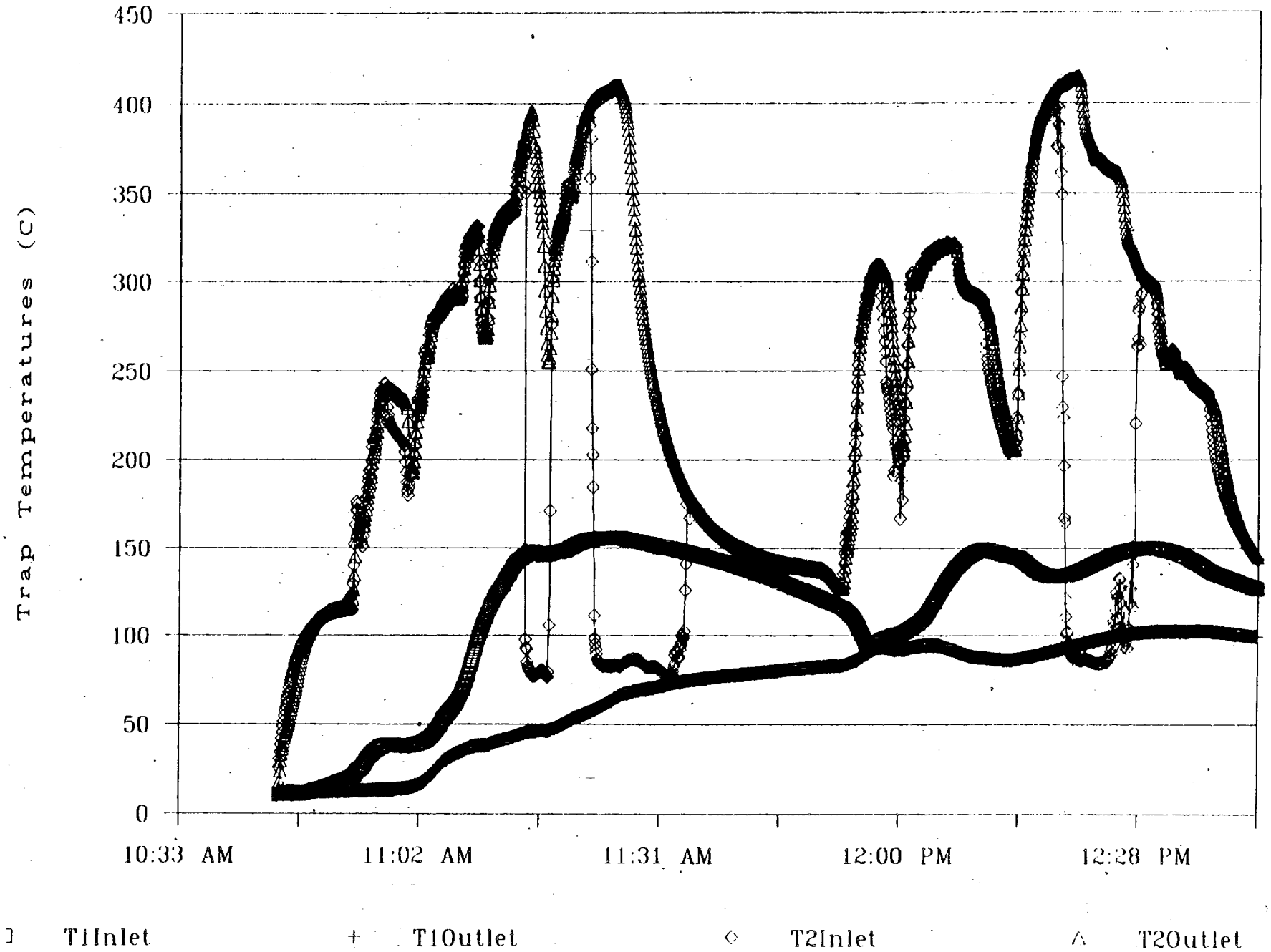
ARB Chassis Dyno BP Sweep Data

Jan 5, 1990



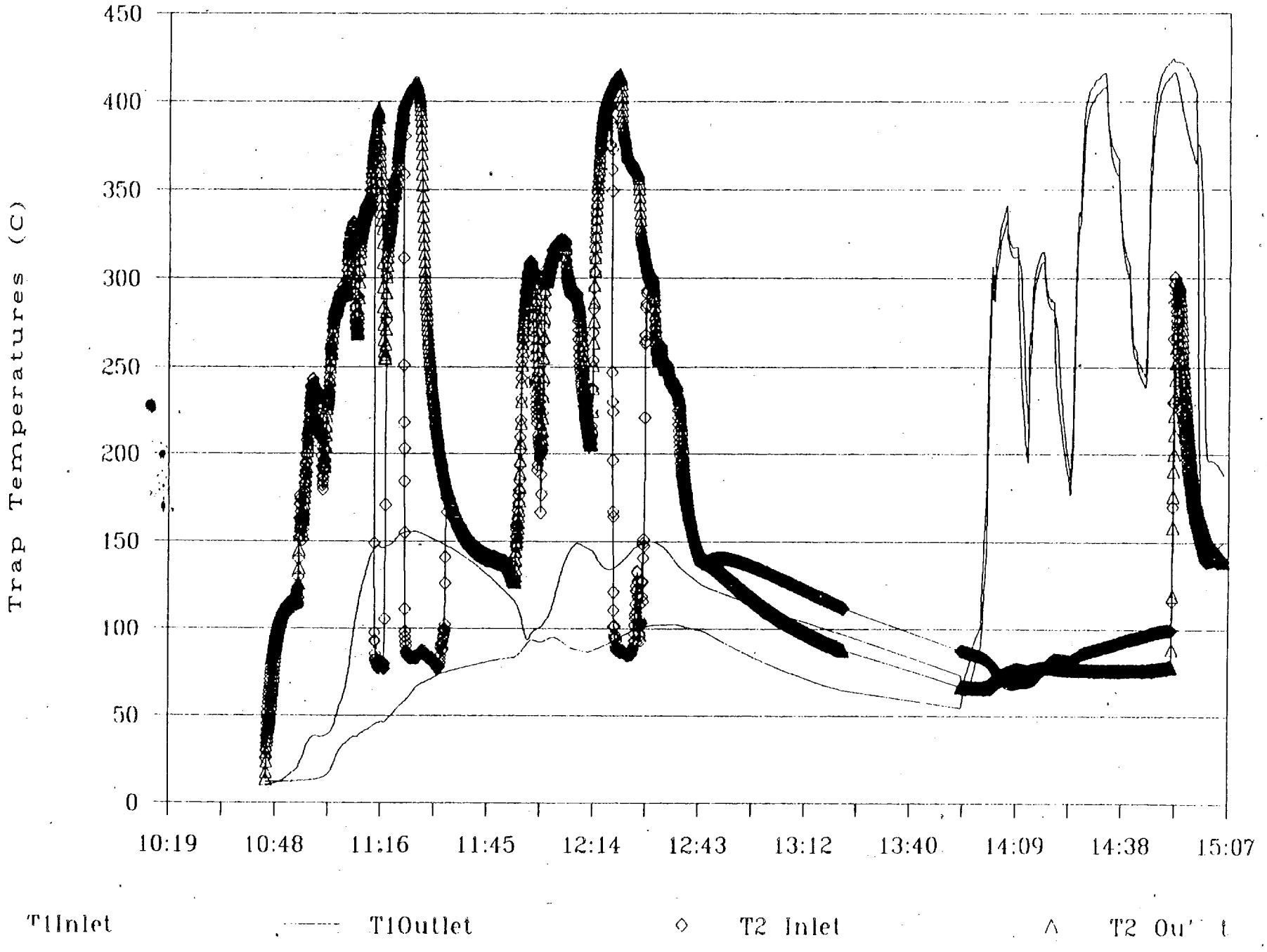
ARB Chassis Dyno BP Sweep Data (Trap 2)

Jan 5, 1990



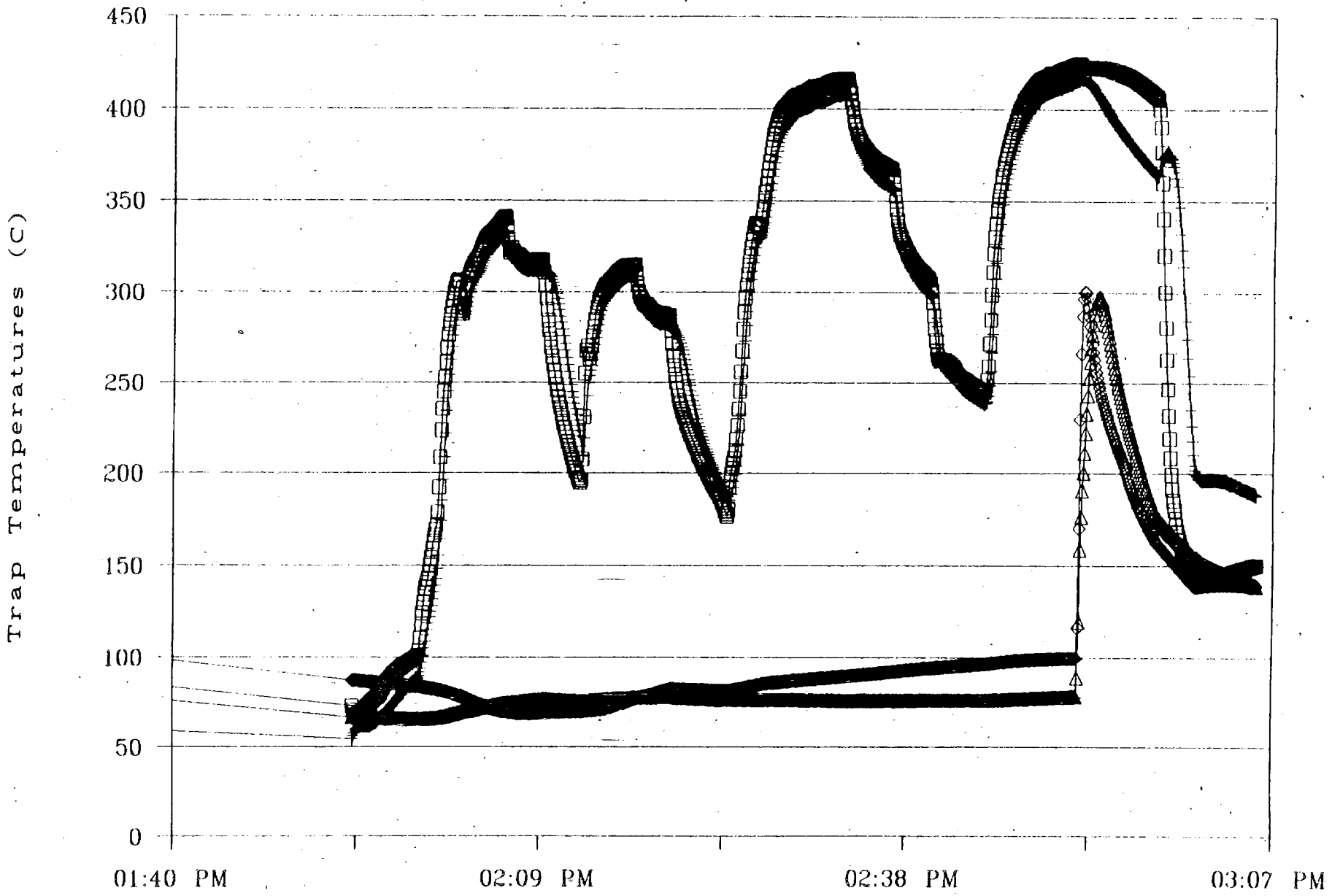
ARB Chassis Dyno BP Sweep Data

Jan 5, 1990



ARB Chassis Dyno BP Sweep Data (Trap 1)

Jan 5, 1990



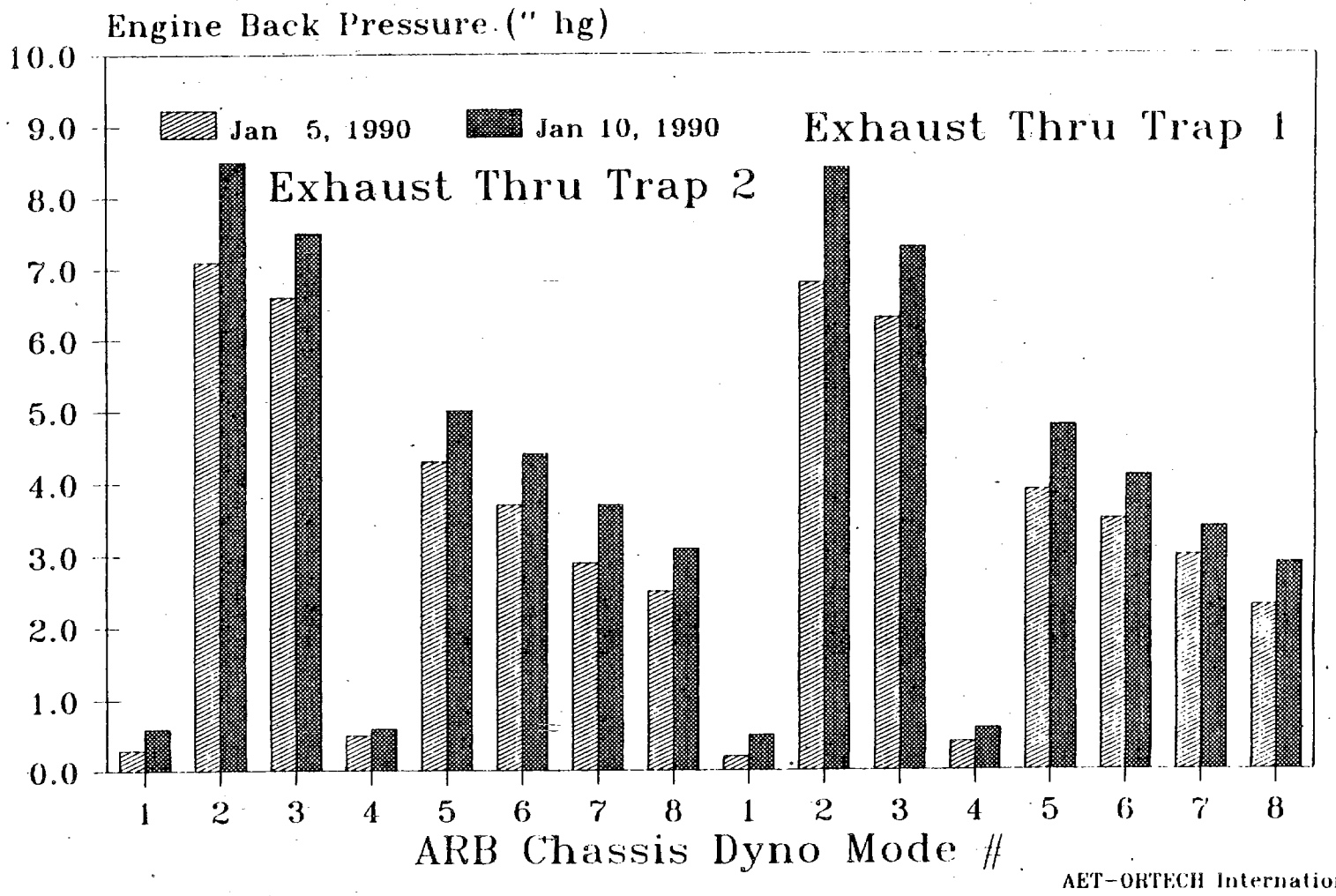
APPENDIX L

Trap Performance Data
Collected at ARB on
January 10, 11, 1990

ARB Trap System Demonstration

SCRTD Bus 8924 with DDC 6V92TA 240 hp

DCI Electric Dual Trap System

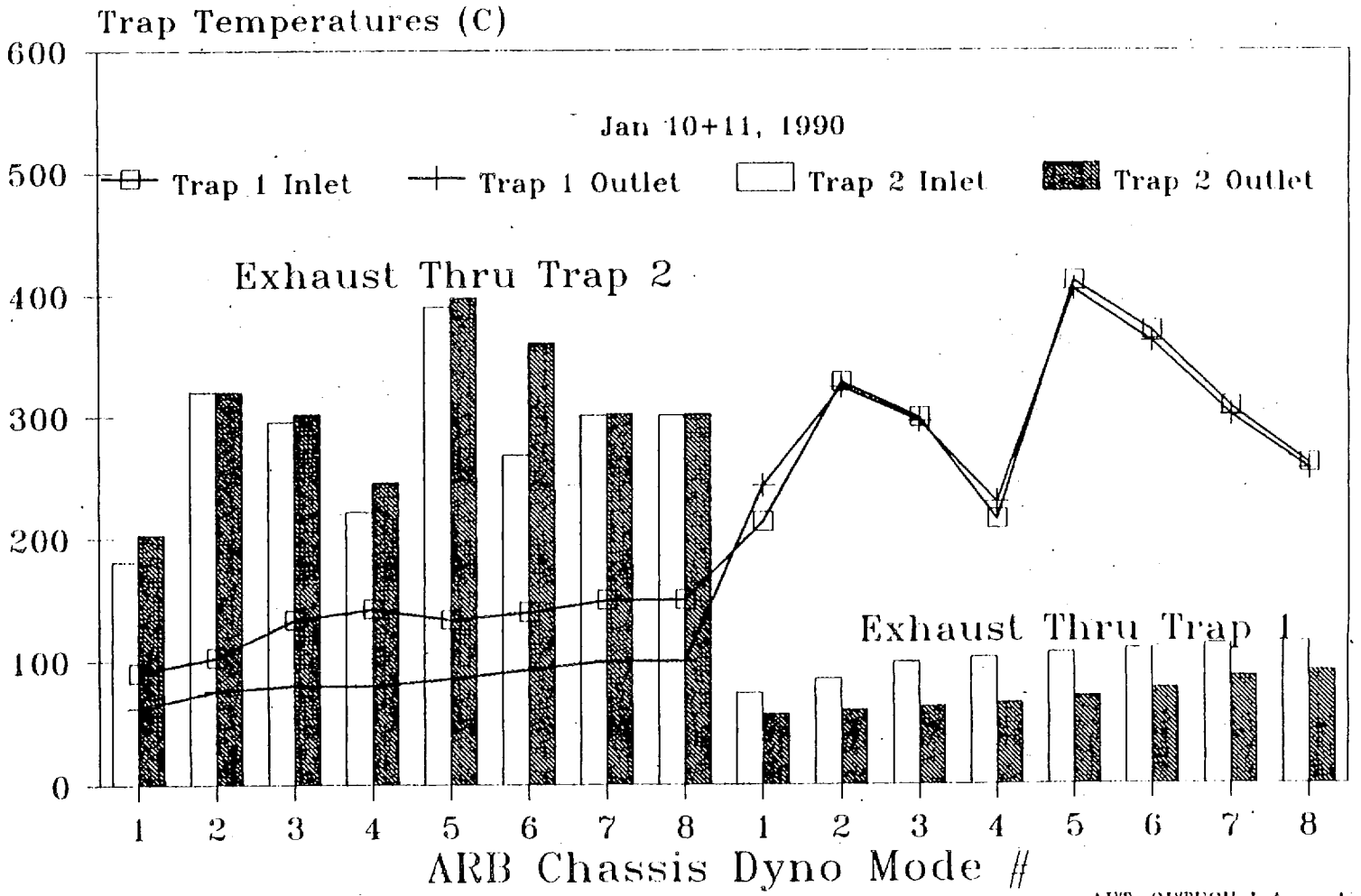


AET-ORTECH International

ARB Trap System Demonstration

SCRTD Bus 8924 with DDC 6V92TA 240 hp

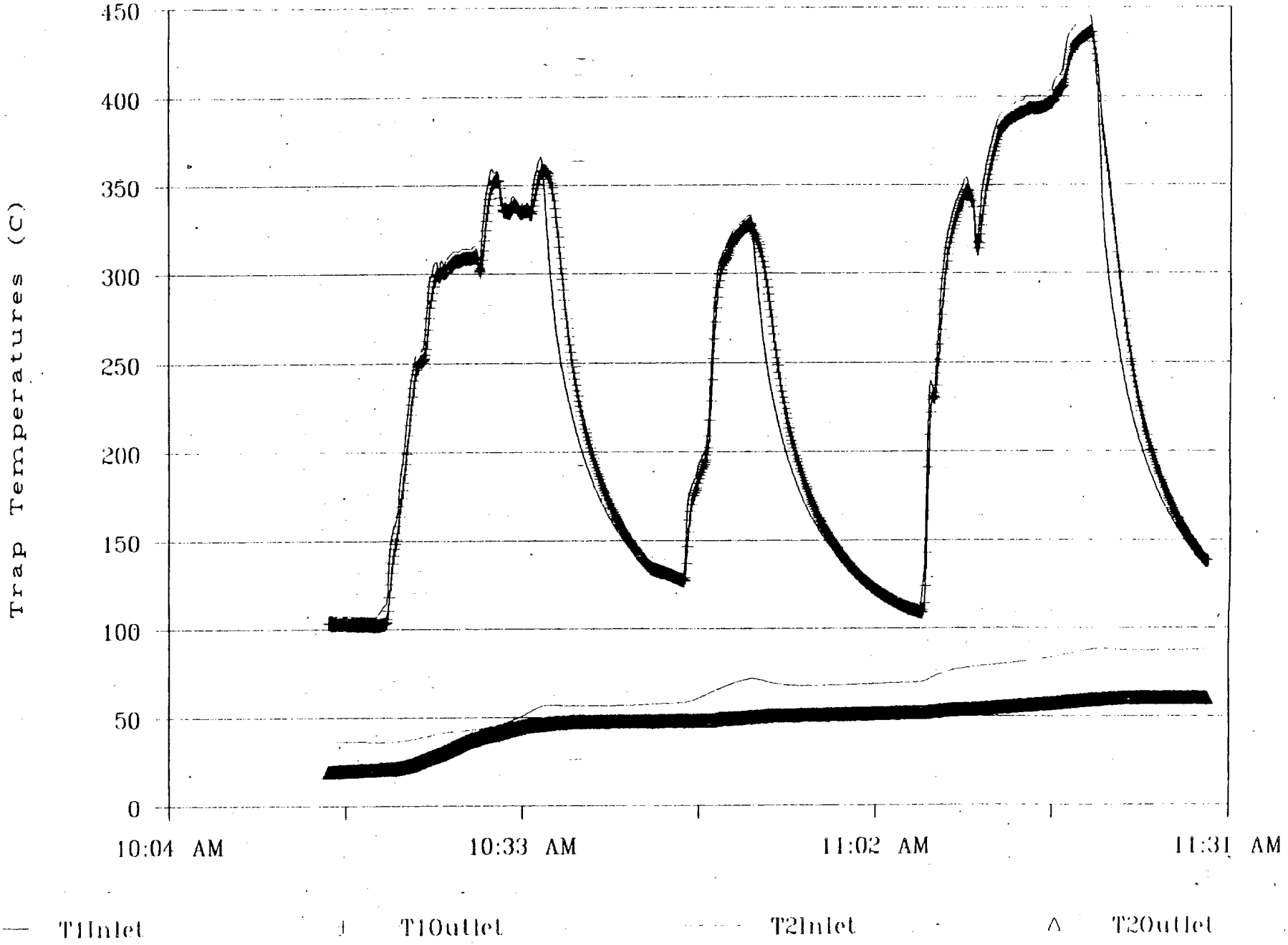
DCI Electric Dual Trap System



AET-ORTECH International

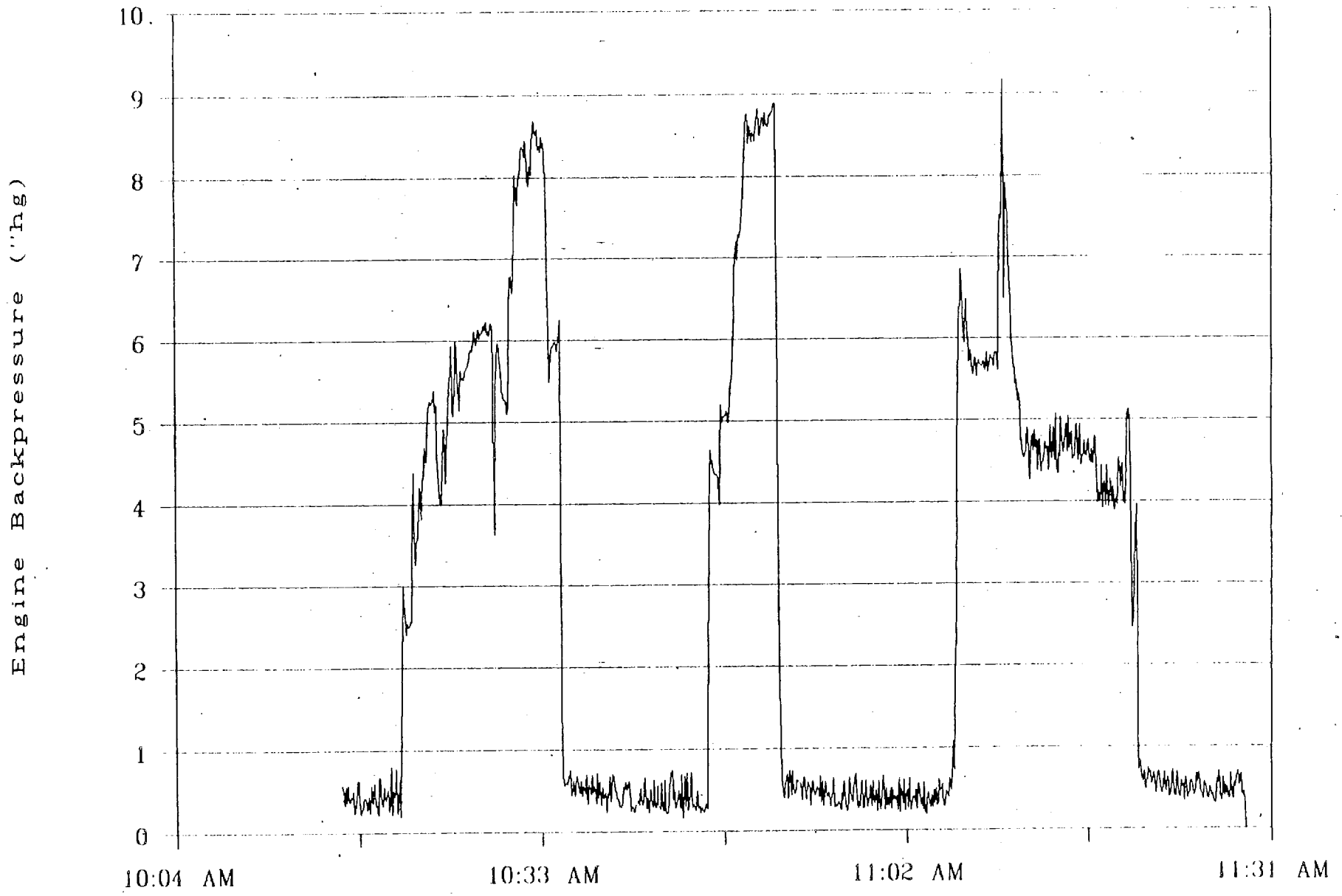
Chassis Dyno Data Collected at ARB

Jan 10, 1990 (Trap 1, no regeneration)



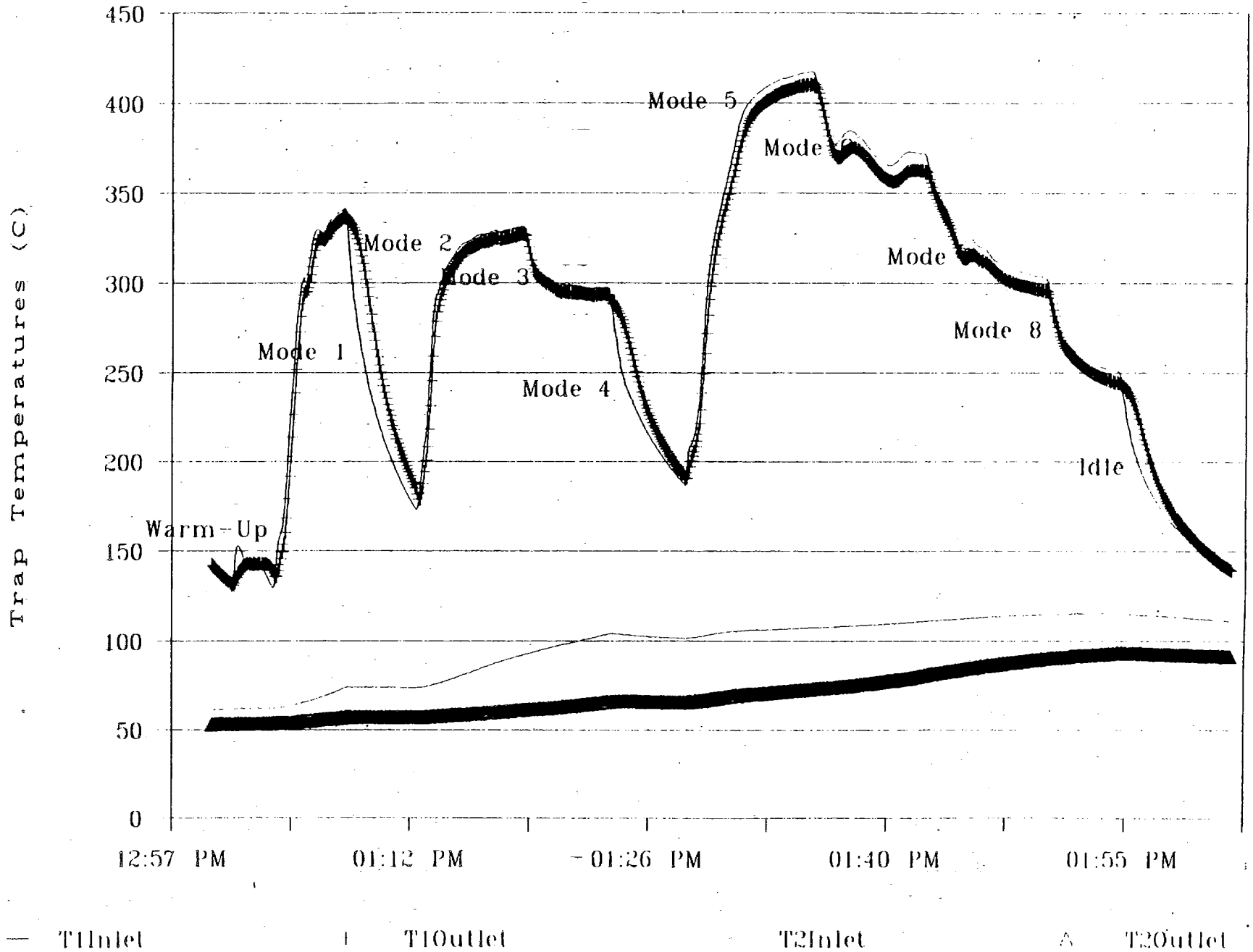
Chassis Dyno Data Collected at ARB

Jan 10, 1990 (Trap 1, no regeneration)



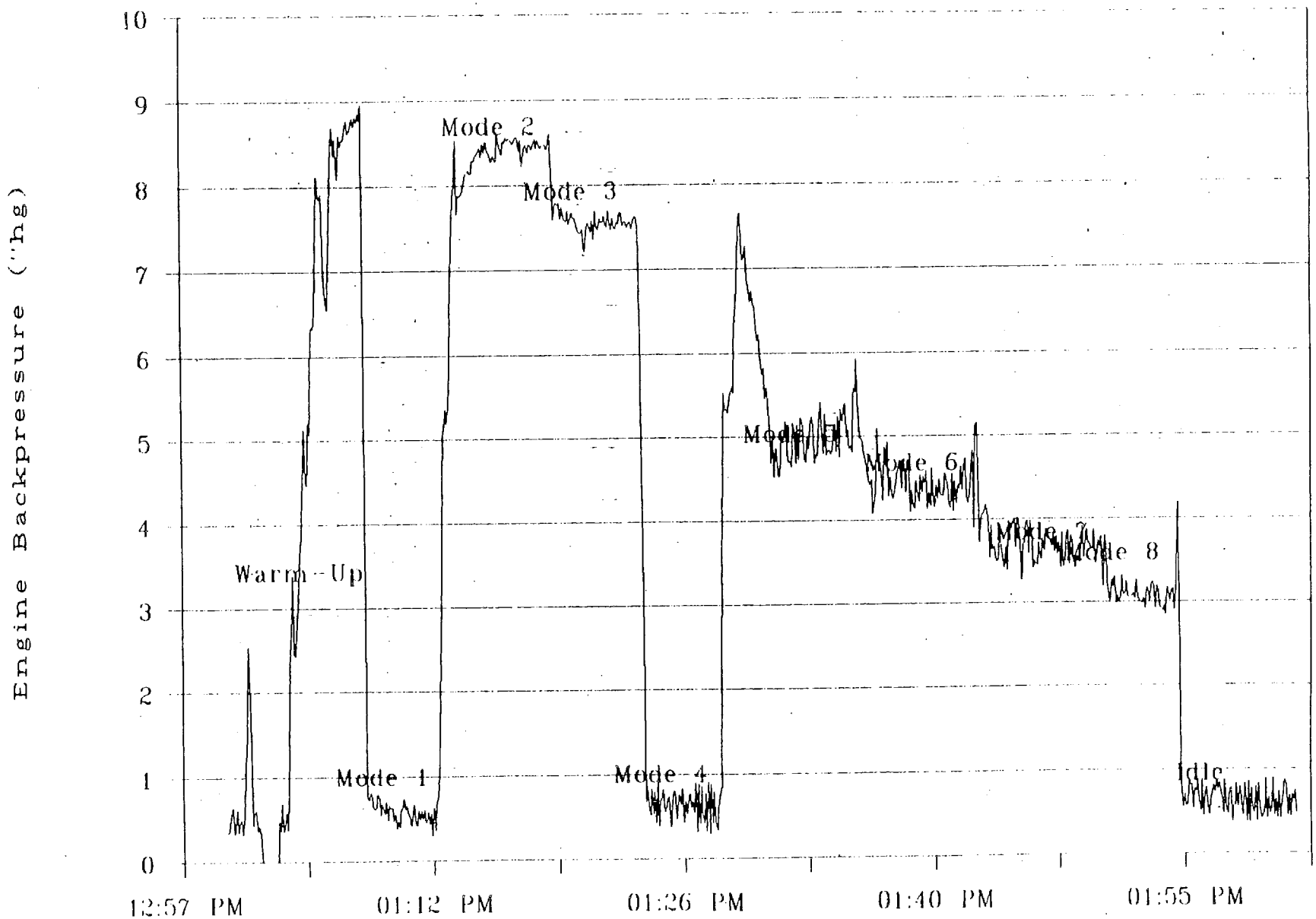
Mode Chassis Dyno Emission Data Collected at AI

Jan 10, 1990 (Trap 1, no regeneration)



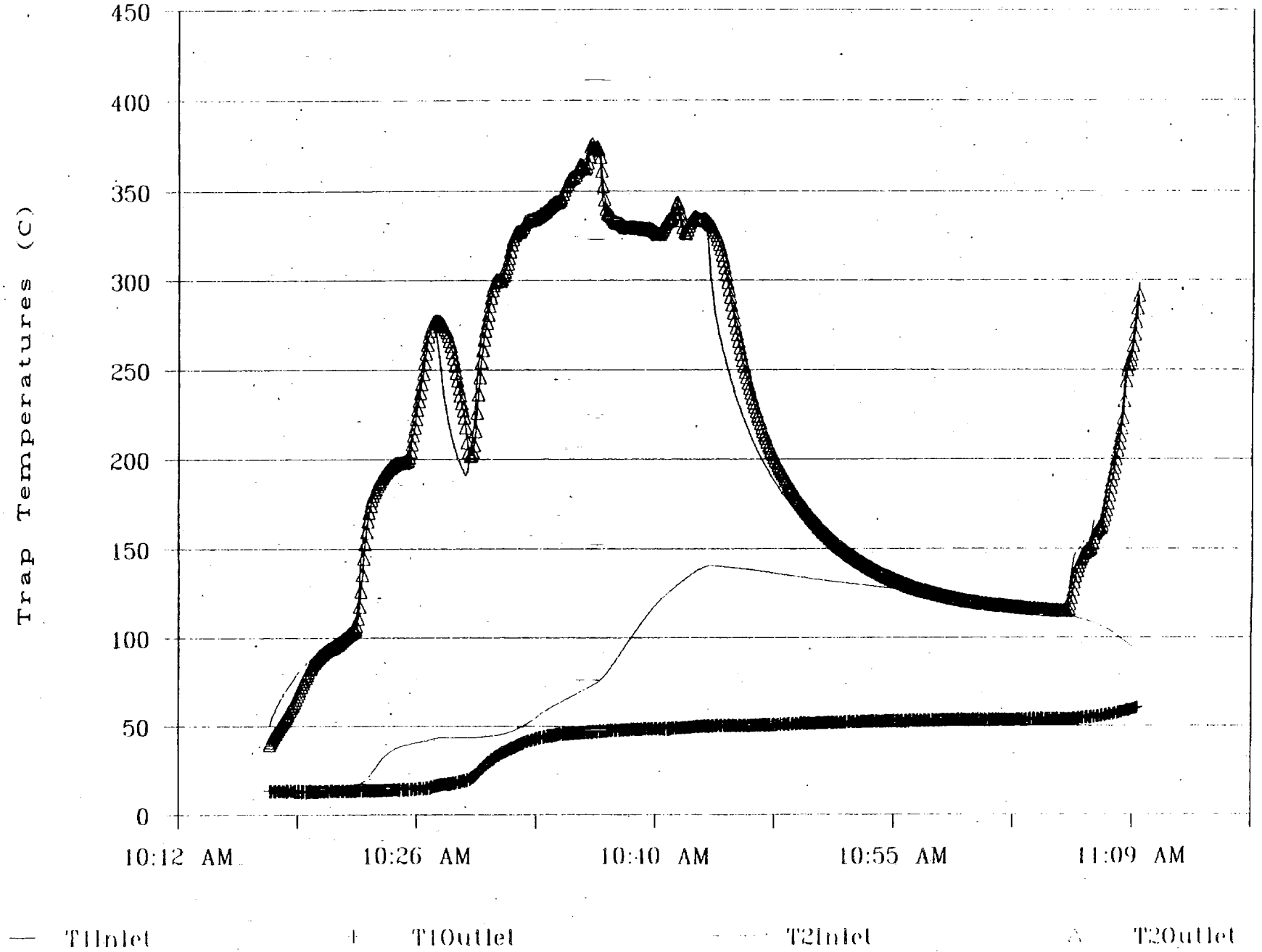
Mode Chassis Dyno Emission Data Collected at Al

Jan 10, 1990—(Trap 1, no regeneration)



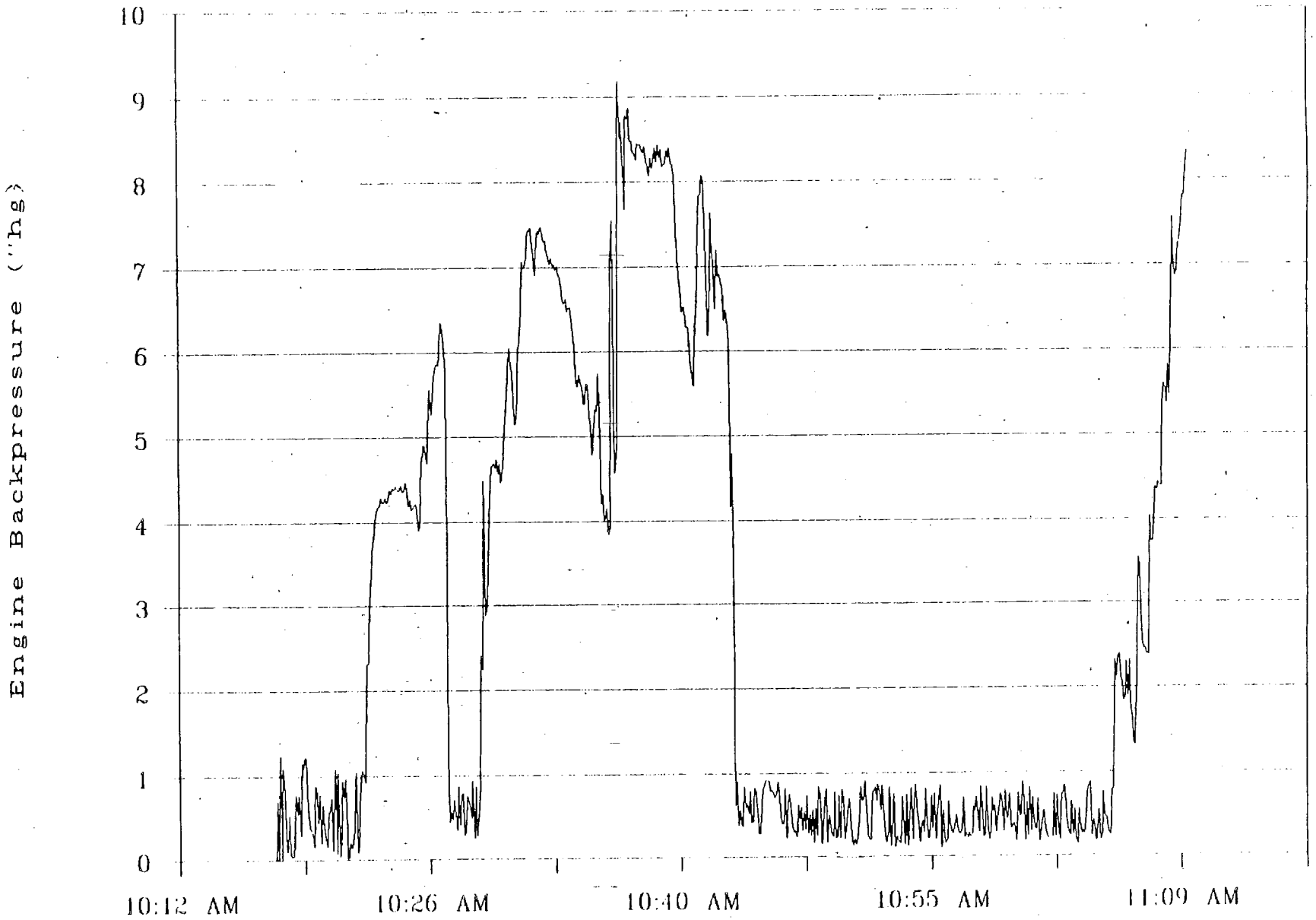
Warm-up Dyno Emission Data Collected at ARB

Jan 11, 1990 (Trap 2, no regeneration)



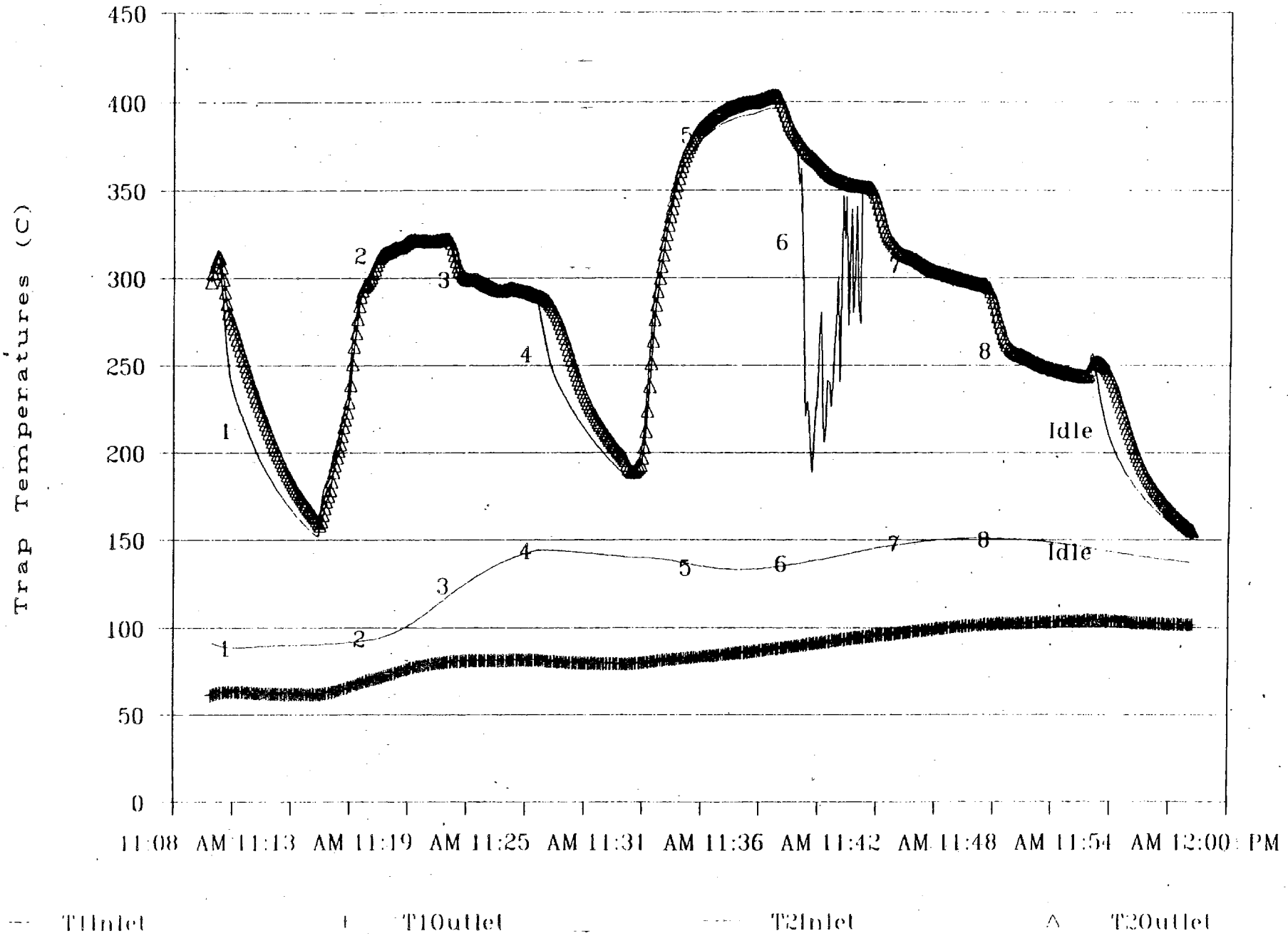
Warm up Dyno Emission Data Collected at ARB

Jan 11, 1990 (Trap 2, no regeneration)



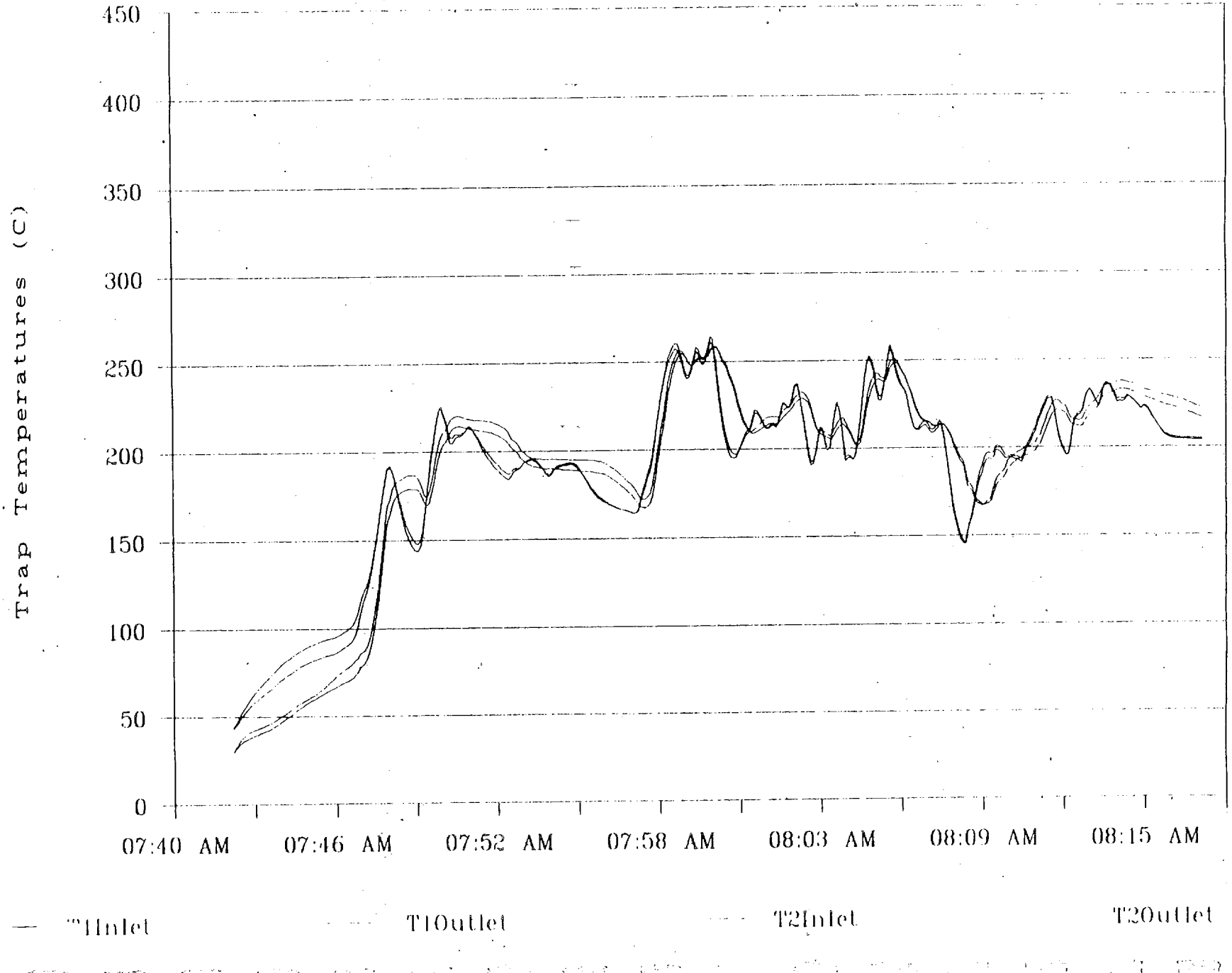
Mode Chassis Dyno Emission Data Collected at A

Jan 11, 1990 (Trap 2, no regeneration)



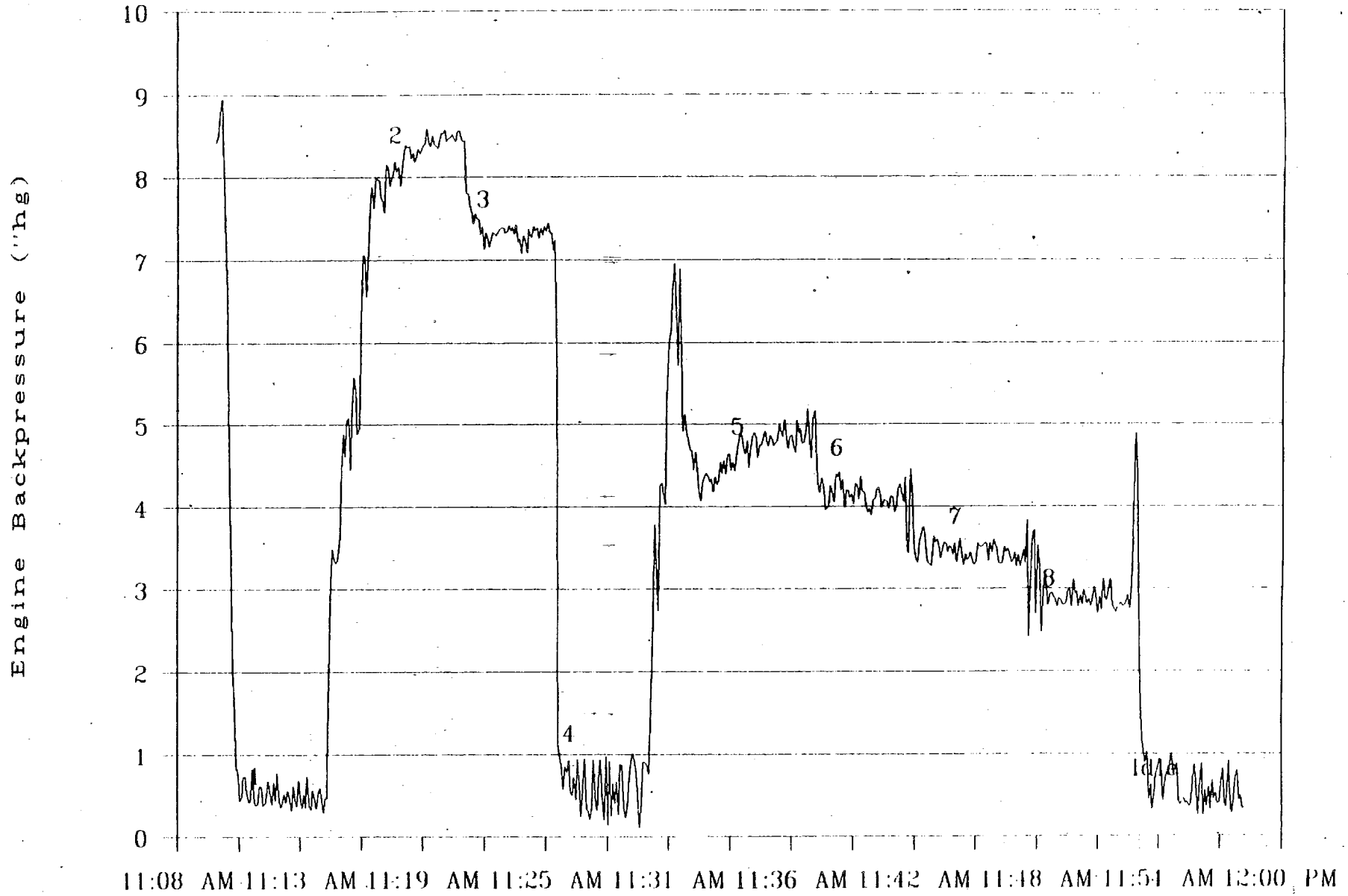
From ARB to SCRTD Route Data

Jan 12, 1990 (Both Traps, no regeneration)



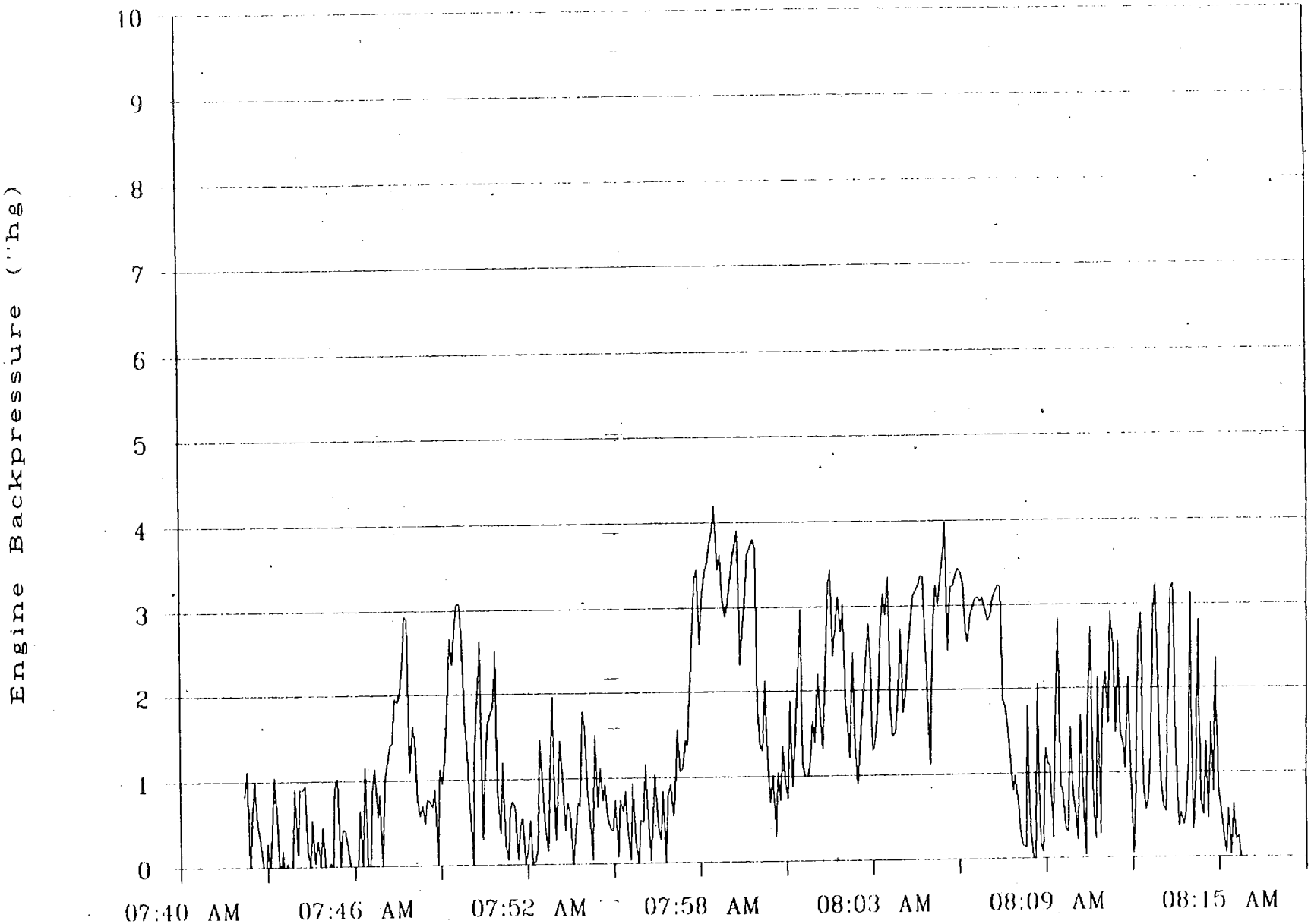
Mode Chassis Dyno Emission Data Collected at A

Jan 11, 1990 (Trap 2, no regeneration)



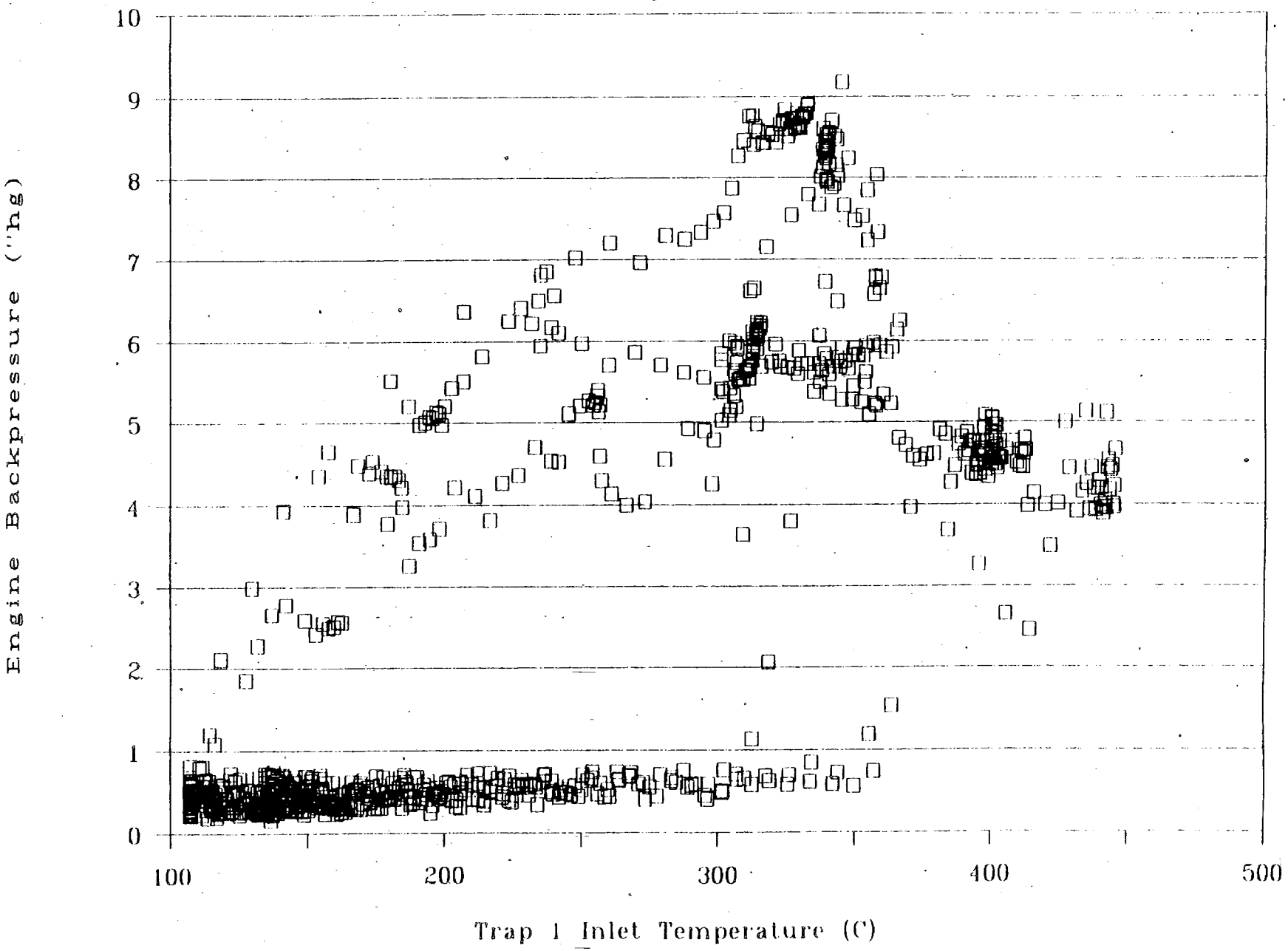
From ARB to SCRTD Route Data

Jan 12, 1990 (Both Traps, no regeneration)



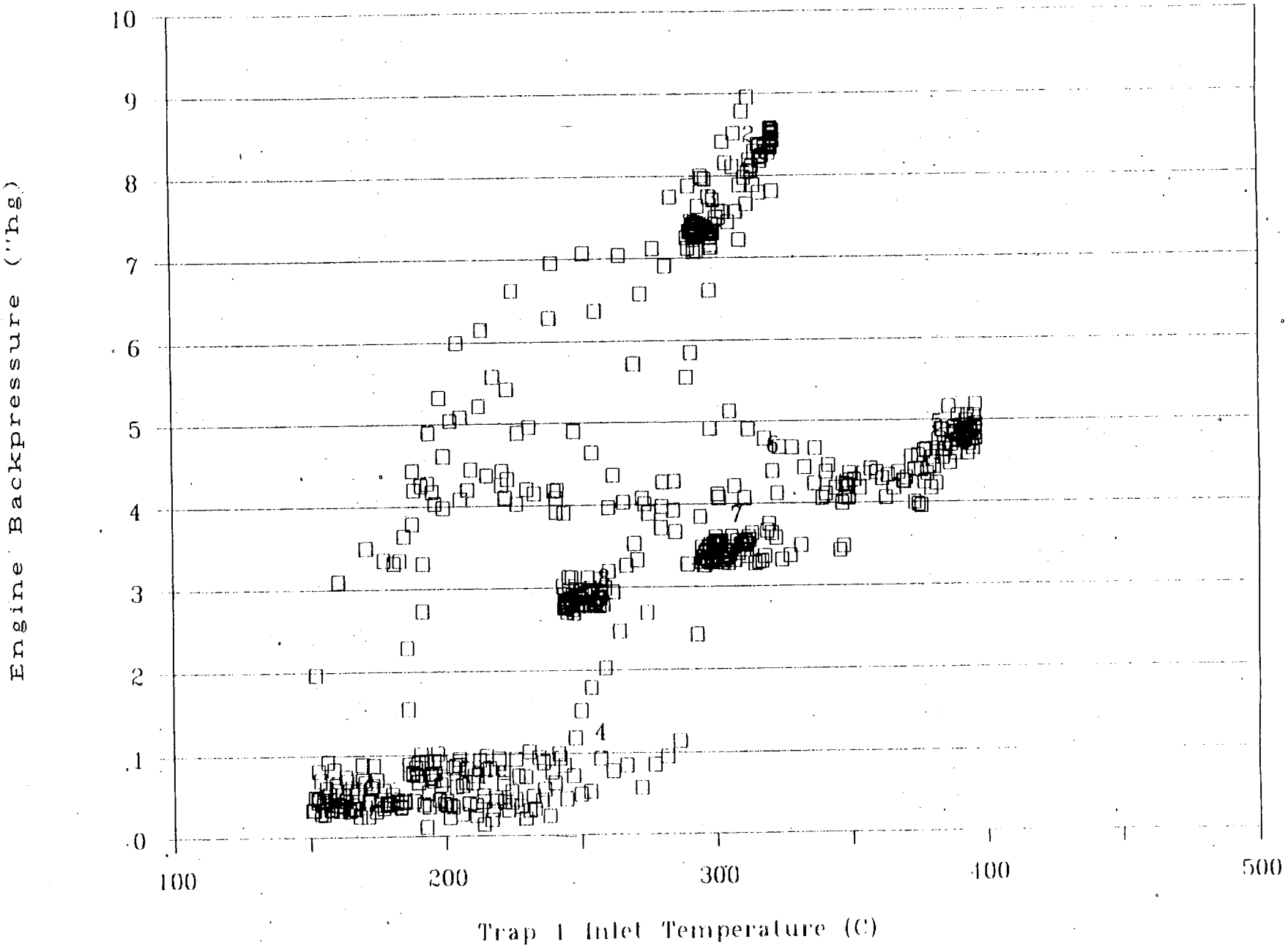
Chassis Dyno Data Collected at ARB

Jan 10, 1990 (Trap 1, no regeneration)



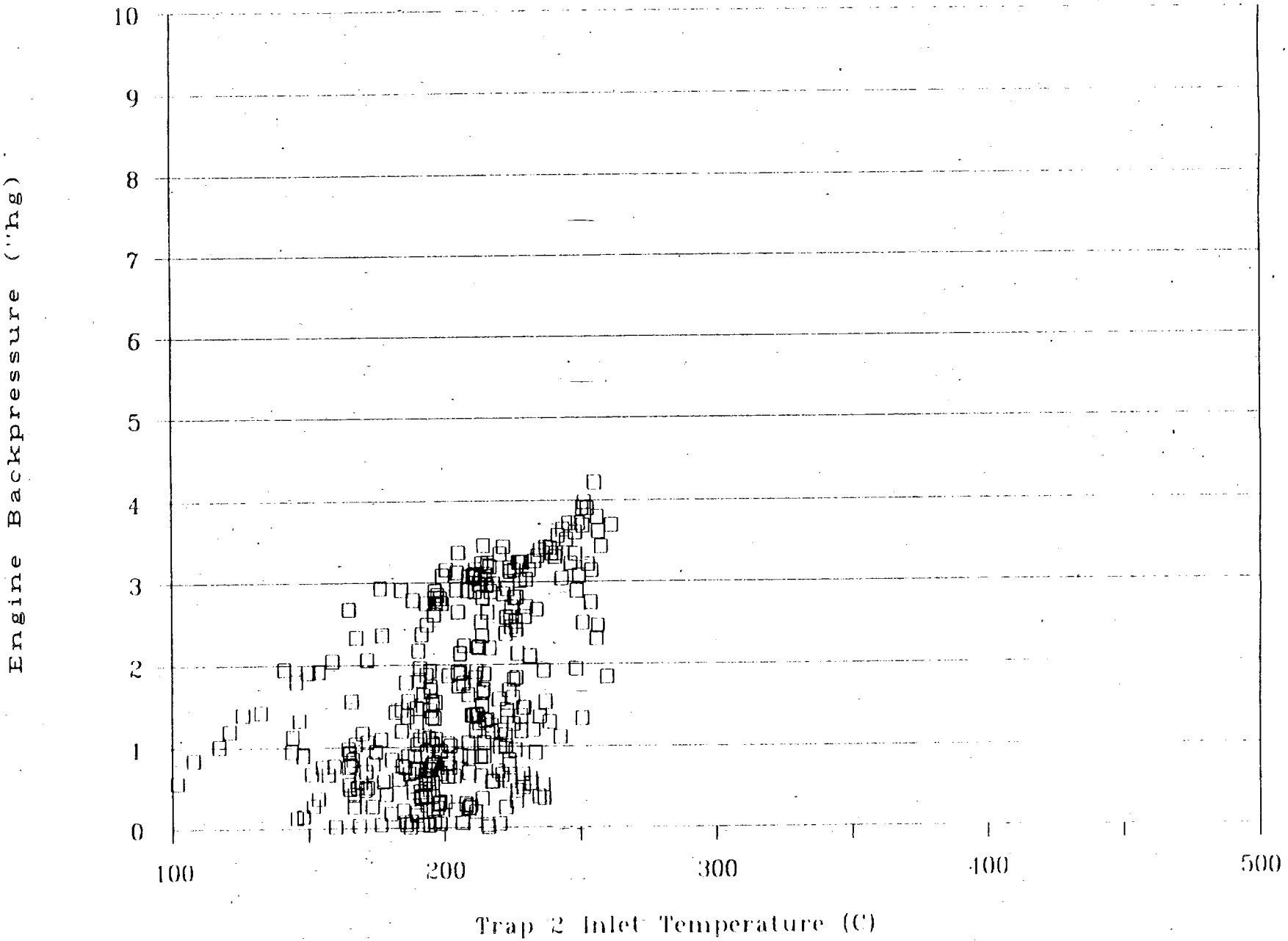
Mode Chassis Dyno Emission Data Collected at A

Jan 11, 1990 (Trap 2, no regeneration)



From ARB to SCRTD Route Data

Jan 12, 1990 (Both Traps, no regeneration)

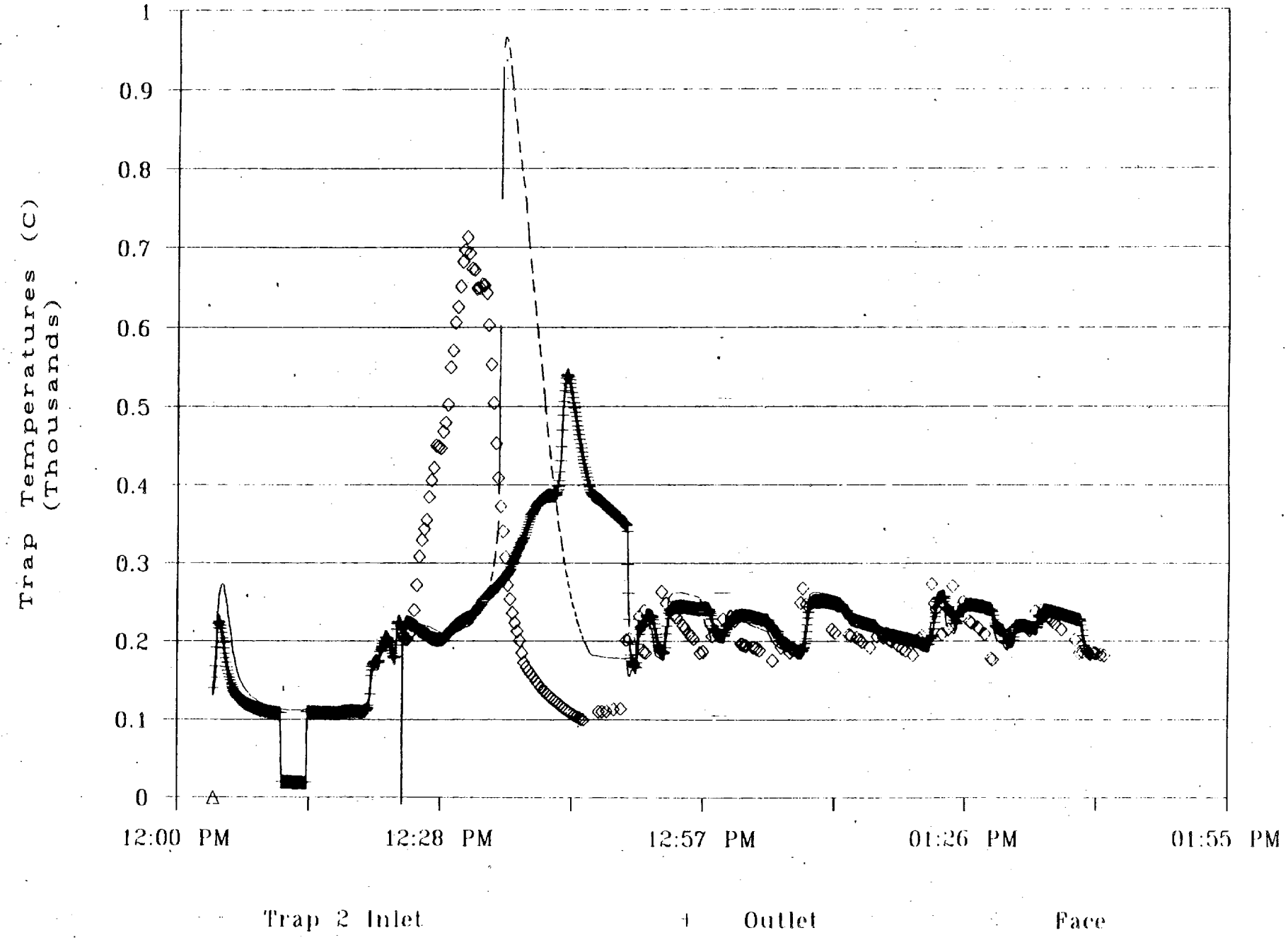


APPENDIX M

Trap Performance Data
Collected at ARB on
January 17, 18, 1990.

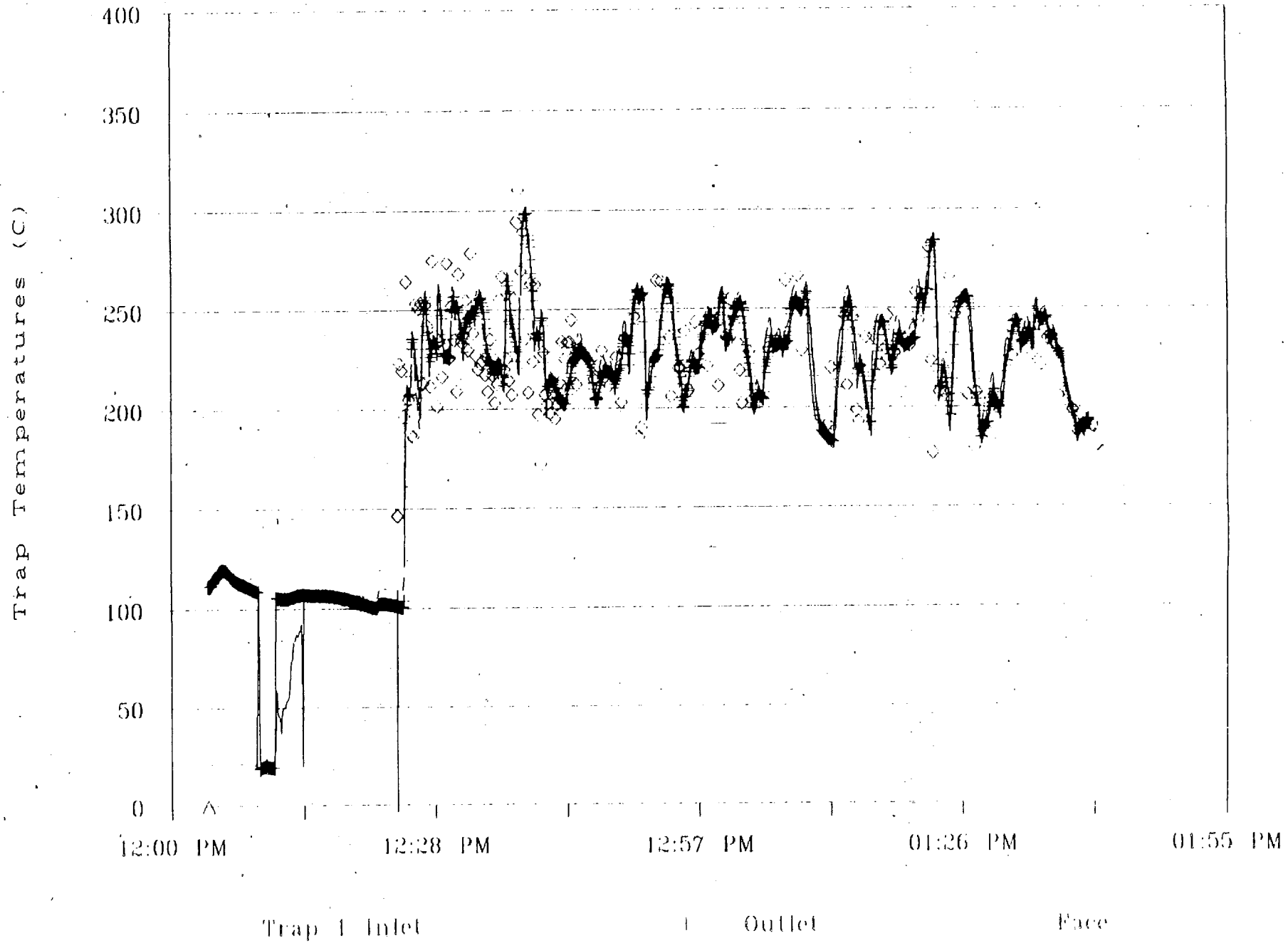
SCRTD Basline Route

Jan 17, 1990 (Automatic Mode)



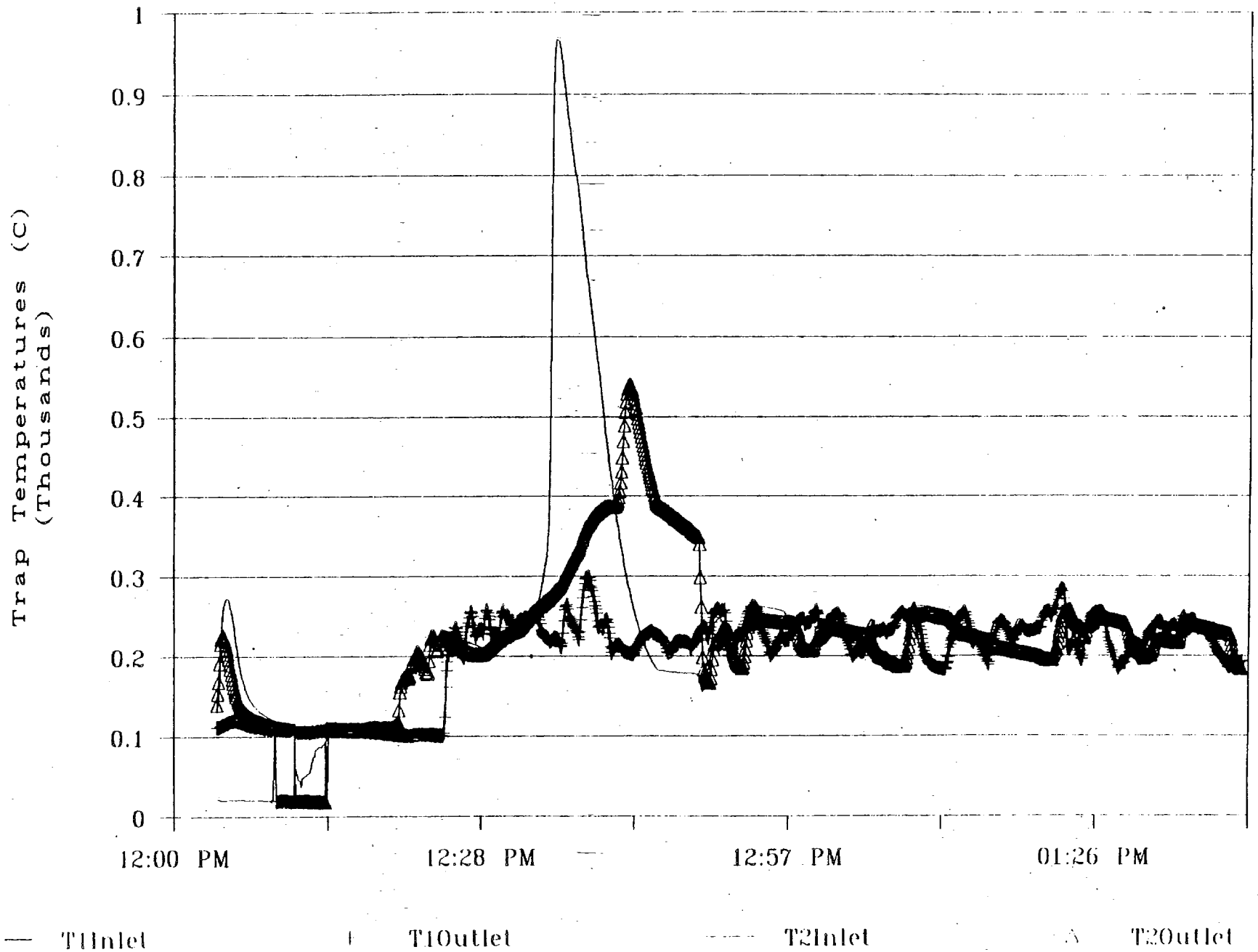
SCRTD Baseline Route

Jan 17, 1990 (Automatic Mode)



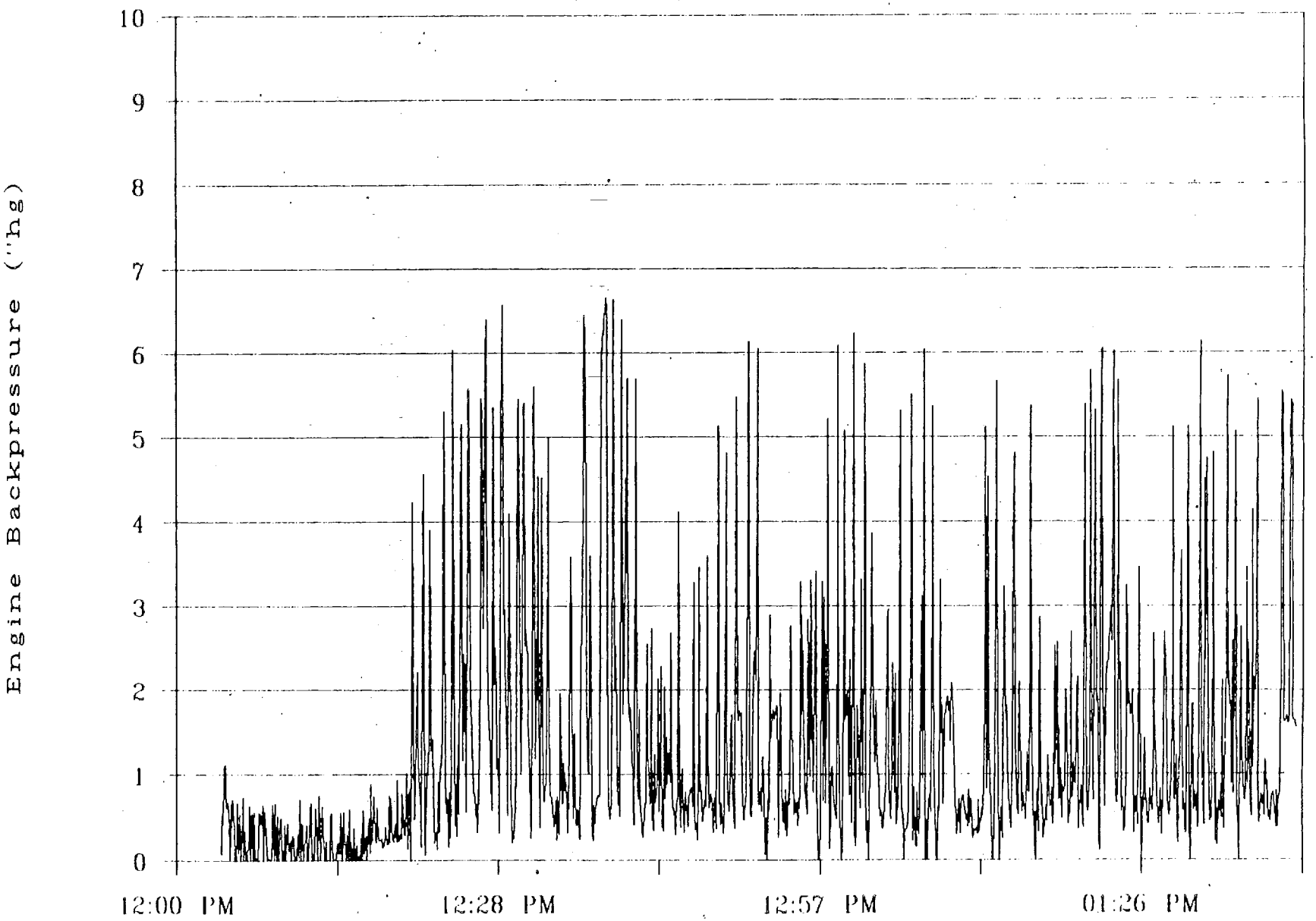
SCRTD Basline Route

Jan 17, 1990 (Automatic Mode)



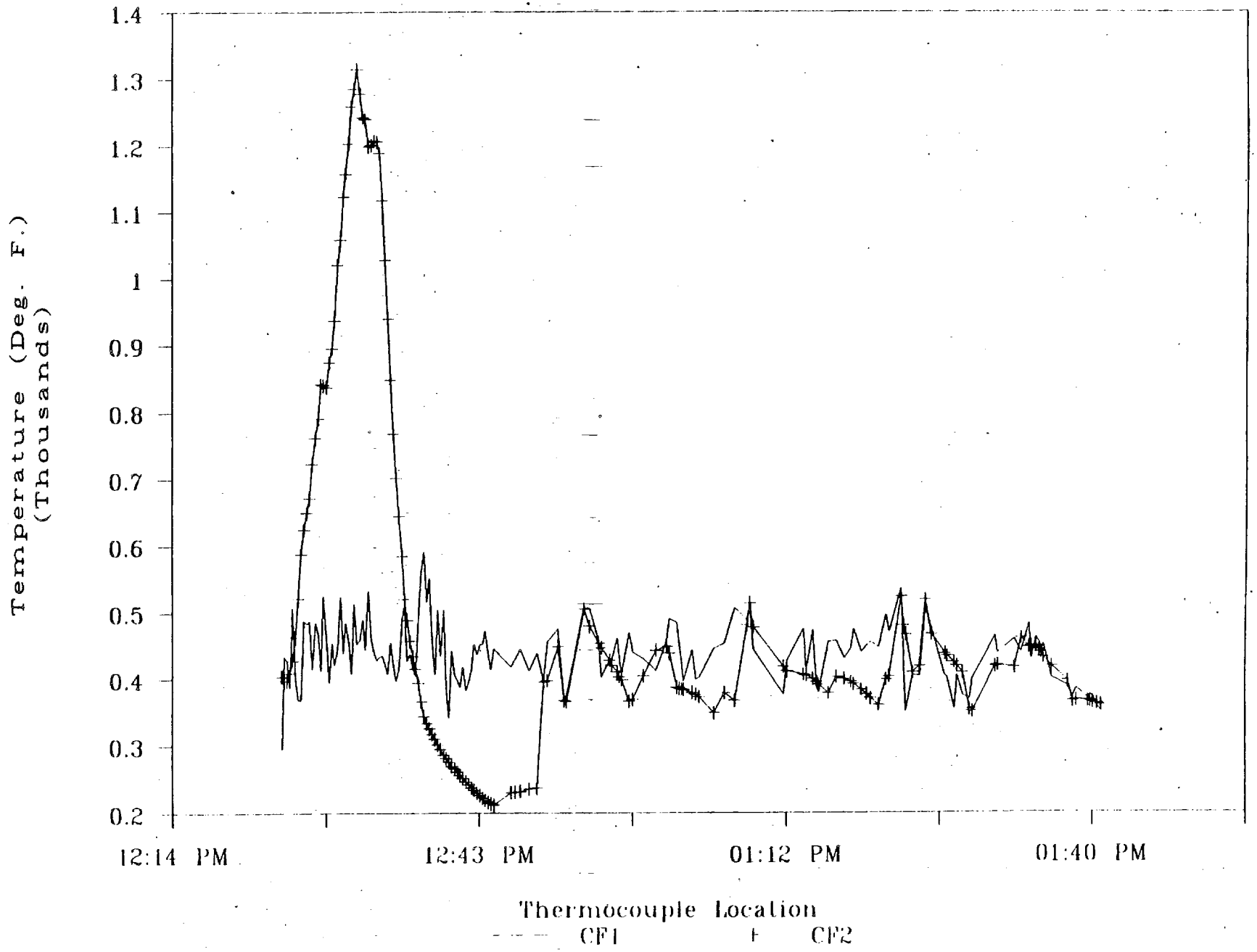
SCRTD Basline Route

Jan 17, 1990 (Automatic Mode)



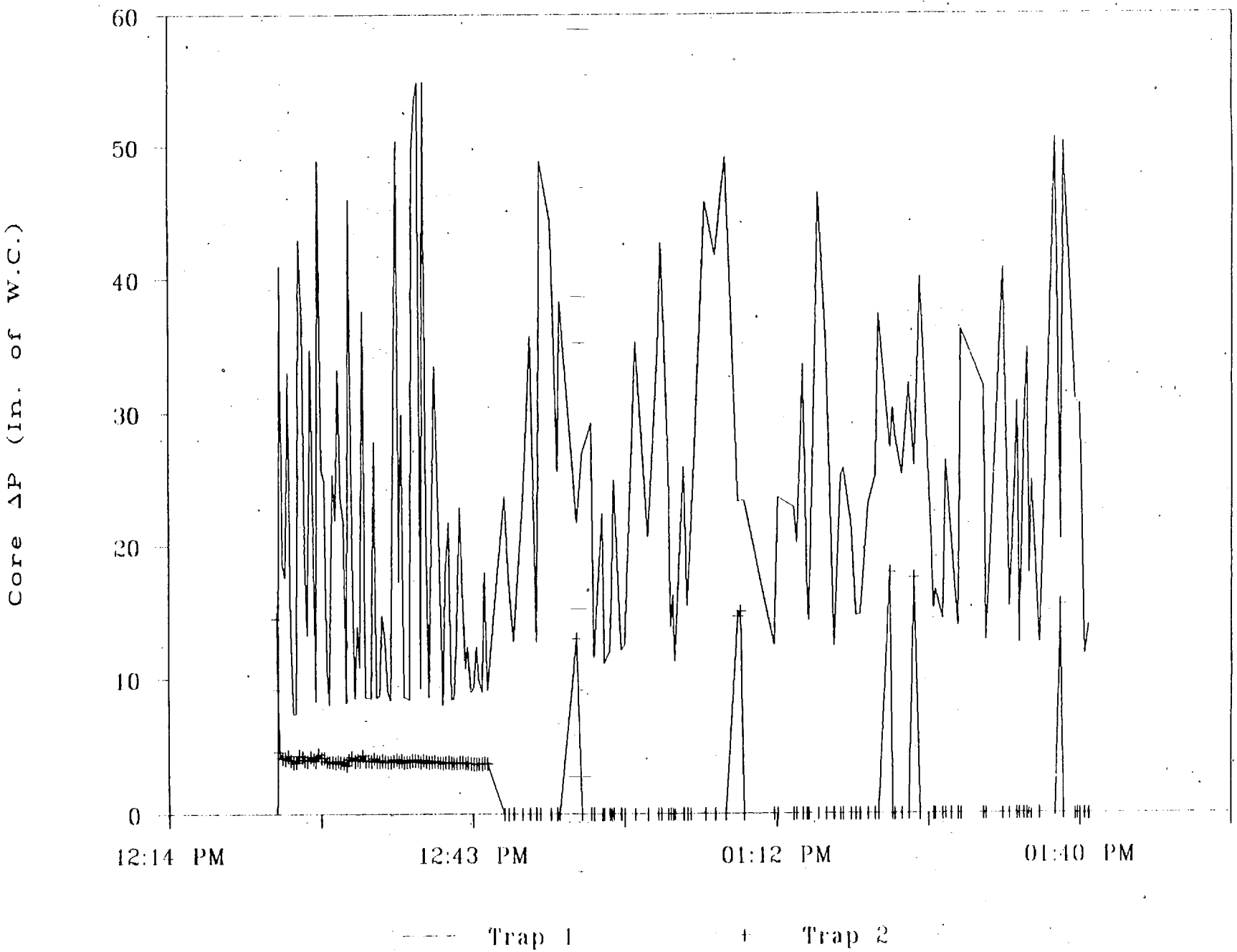
SCRTD Trap Bus 8924

17-Jan-90



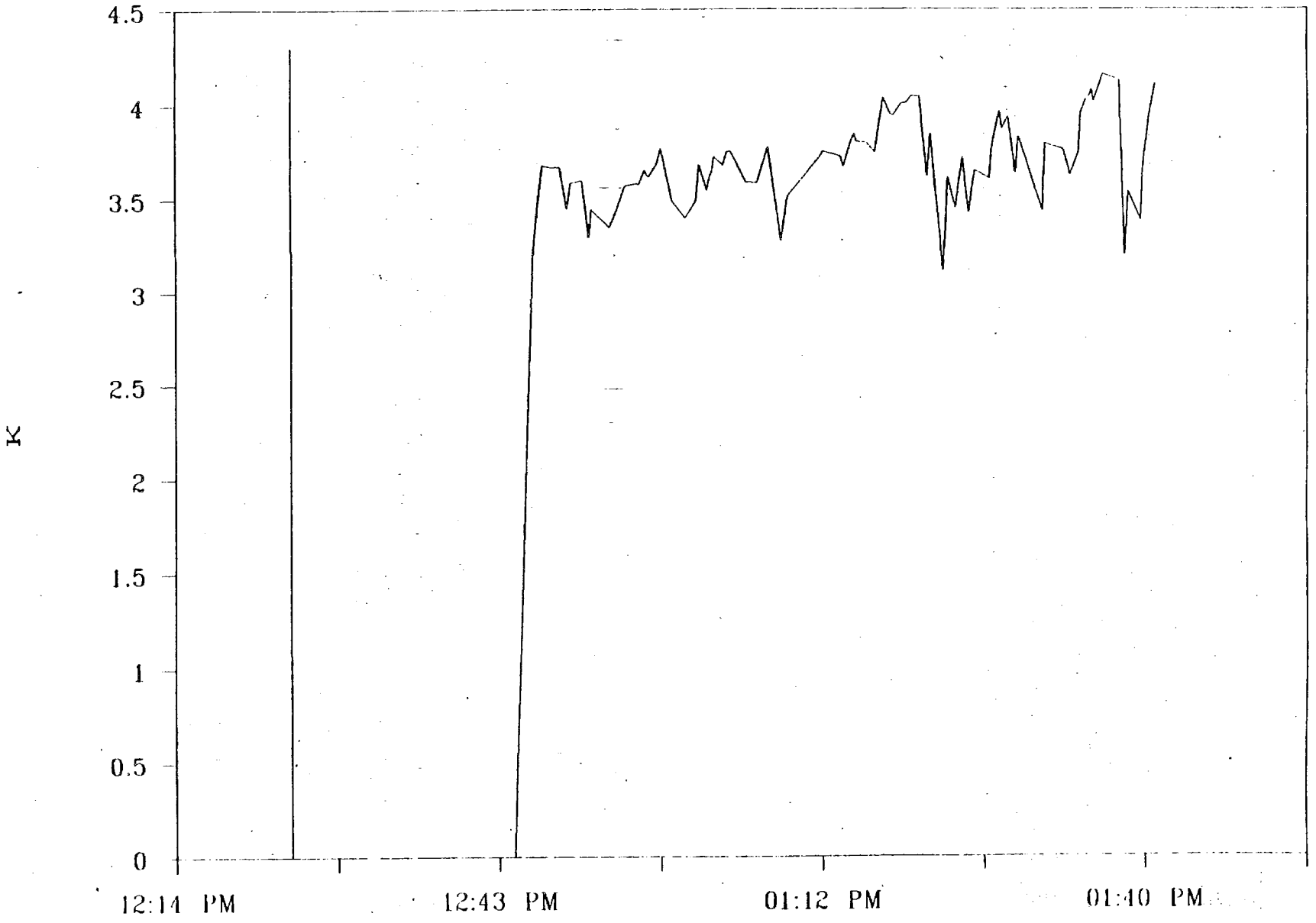
SCRTD Trap Bus 8924

17-Jan-90



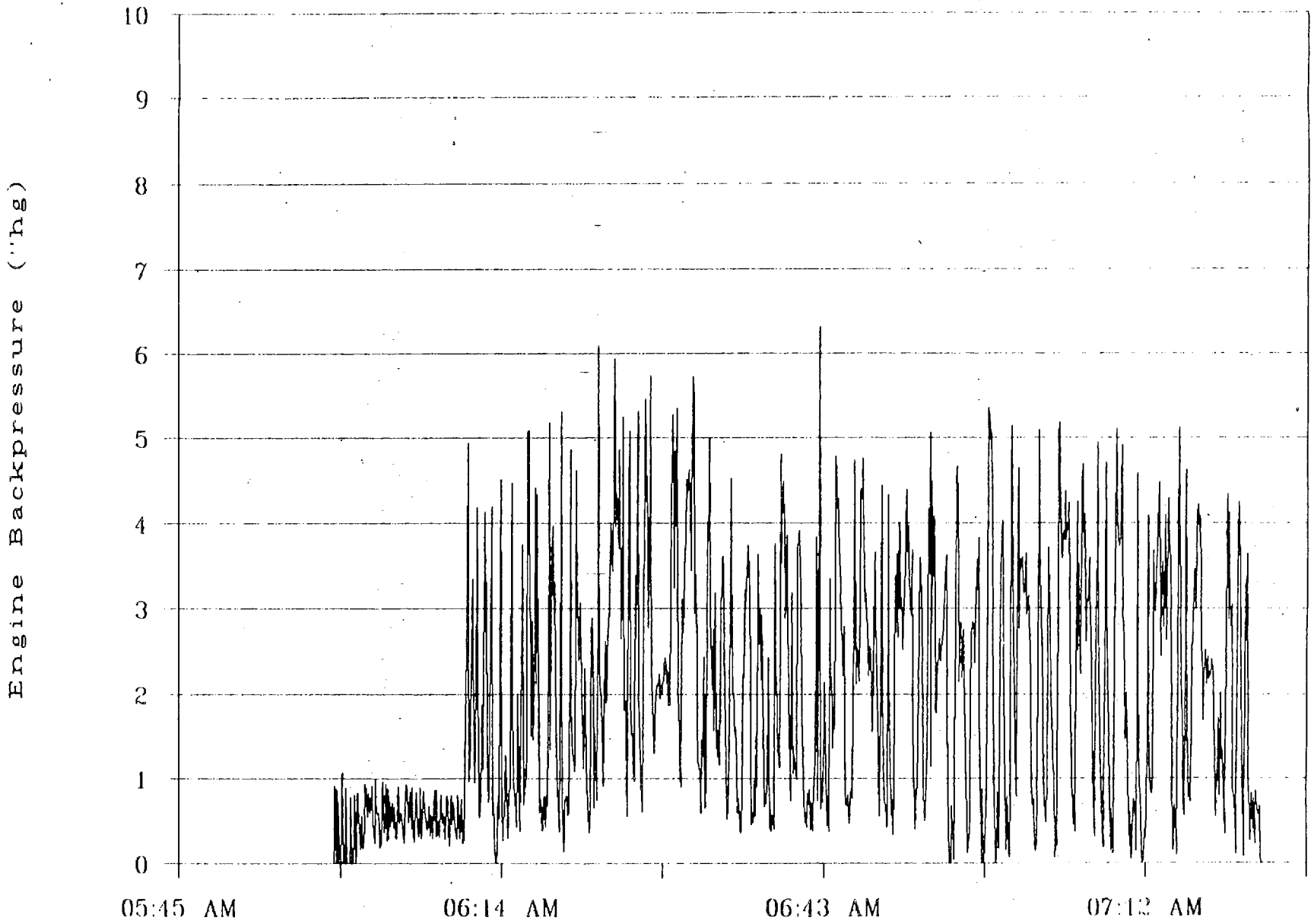
SCRTD Trap Bus 8924

17-Jan-90



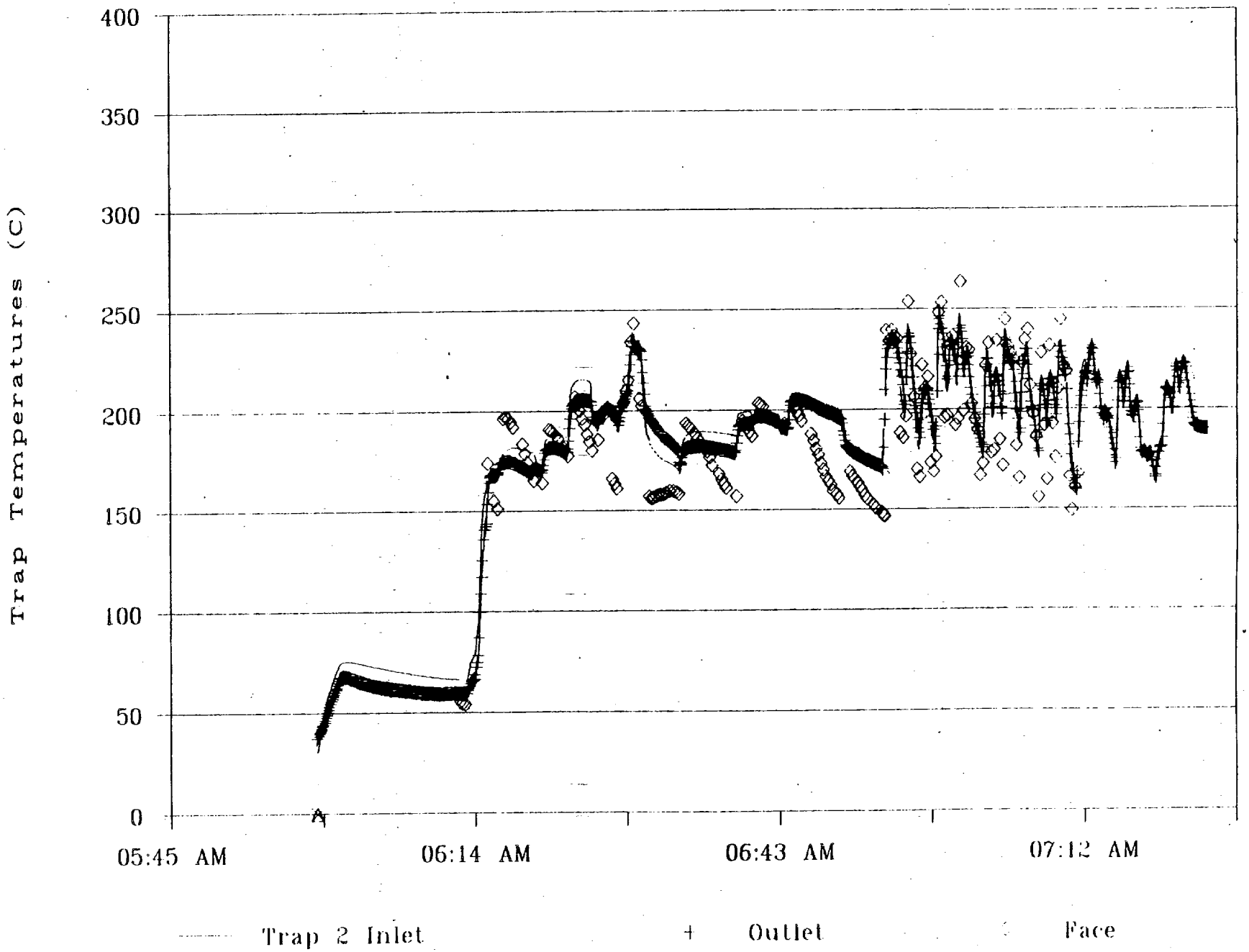
SCRTD Car Wash Route

Jan 18, 1990 (Automatic Mode)



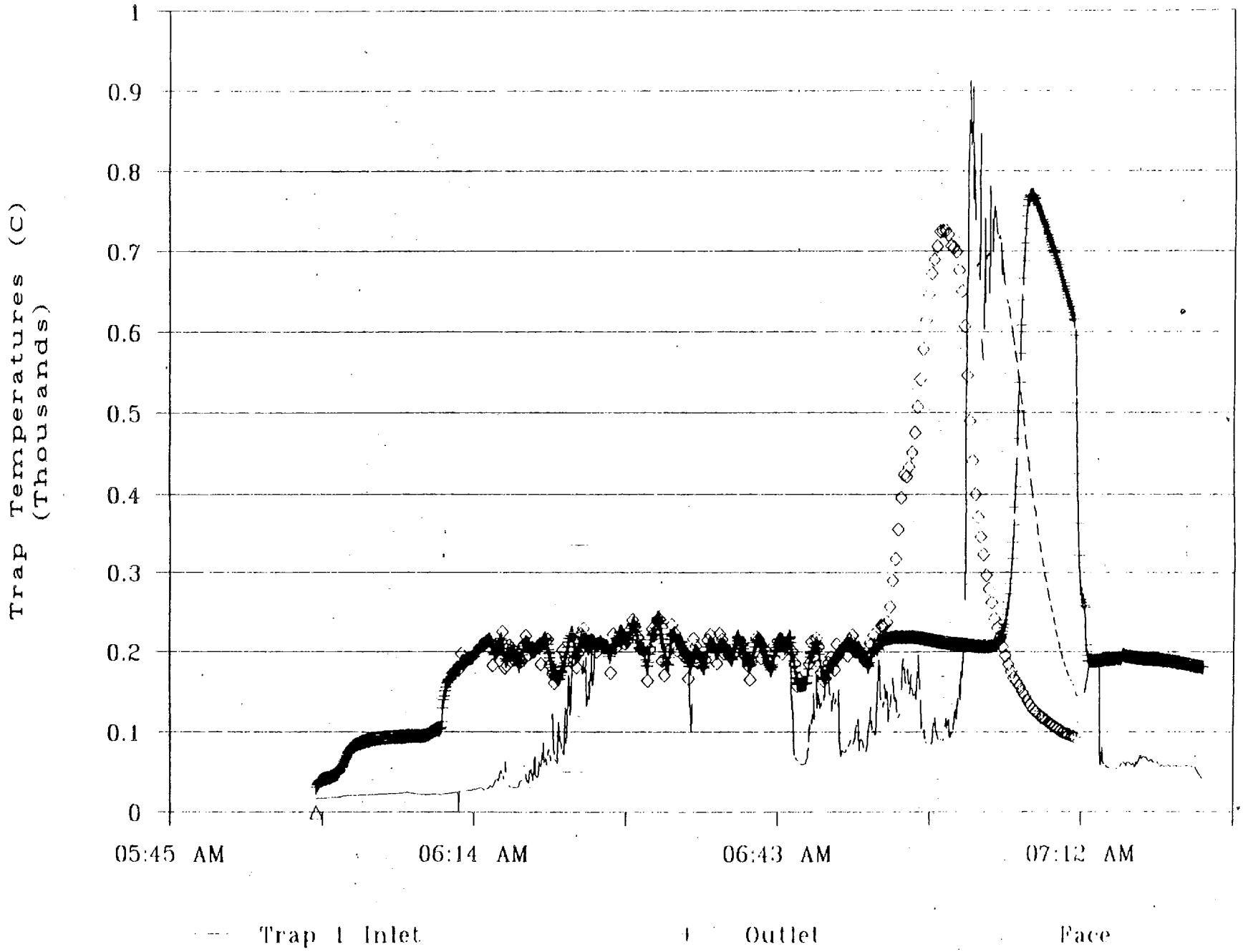
SCRTD Bus Wash Route

Jan 18, 1990 (Automatic Mode)



SCRTD Bus Wash Route

Jan 18, 1990 (Automatic Mode)



APPENDIX N

Technical Report from Corning Inc.

Southern California Rapid Transit District

September 11, 1990

William J. von Hagn

Corning Incorporated
Research and Development Division
Corning, NY 14831

. Procedure

Two overloaded filters, ID# 5215B149-43, and ID# 5215B149-44 were received from SCRTD.

The filters were weighed prior to and after each process step to identify the total weight reduction, with the exception of the starting weight of filter #5215B149-44. The starting weight was not obtained. This filter was vacuumed prior to obtaining a starting weight in order to confirm a suspected melted area. (see Table I)

Six thermocouples were inserted into the exit end of the filter. These thermocouples were used to identify the light off of the accumulated soot and to watch for any major thermal gradients within the filter during regeneration. The temperature of the filters never exceeded 650°C.

A piece of fiberfrax was placed over both ends of the filter to limit the oxygen entering the filter during the peak regeneration temperatures. This step is highly recommended.

After the filters were regenerated the filters were integrity tested. Several areas of both filters failed the integrity test. Filter #5215B149-43 showed excessive adjoining cell failures. Filter #5215B149-44 was confirmed to have a melted region.

Firing Schedule

After visually inspecting the filter and observing excessive soot on the entrance end of the filter, the firing schedule was modified. Two schedules for the regeneration of overloaded filters are recommended. The first is for extreme overloading and the second is for filters identified as possible or suspect of overloading.

A recommended schedule for regenerating extremely overloaded filters is as follows.

100°C/hr. to 200°C
hold @ 200°C/4 hr.
100°C/hr to 450°C
hold @ 450°C/4 hr.
100°C/hr to 550°
hold @ 550°/12 hr.

A recommended schedule for regenerating filters suspect of overloading is as follows.

100°C/hr. to 200°C
hold @ 200°C/1 hr.
100°C/hr to 450°C
hold @ 450°C/1 hr.
100°C/hr to 550°
hold @ 550°/8 hr.

TABLE I

WEIGHT REDUCTION

	#5215B149-43	#5215B149-44
wt. of filter as received	13,445 grams	
wt. after vacuum	13,416 grams	13,101 grams
	29 grams	
wt. after firing	13,011 grams	12,768 grams
	405 grams	333 grams
wt. after vacuum	13,004 grams	12,754 grams
	6 grams	14 grams
TOTAL	**455 gm**	**347 gm**

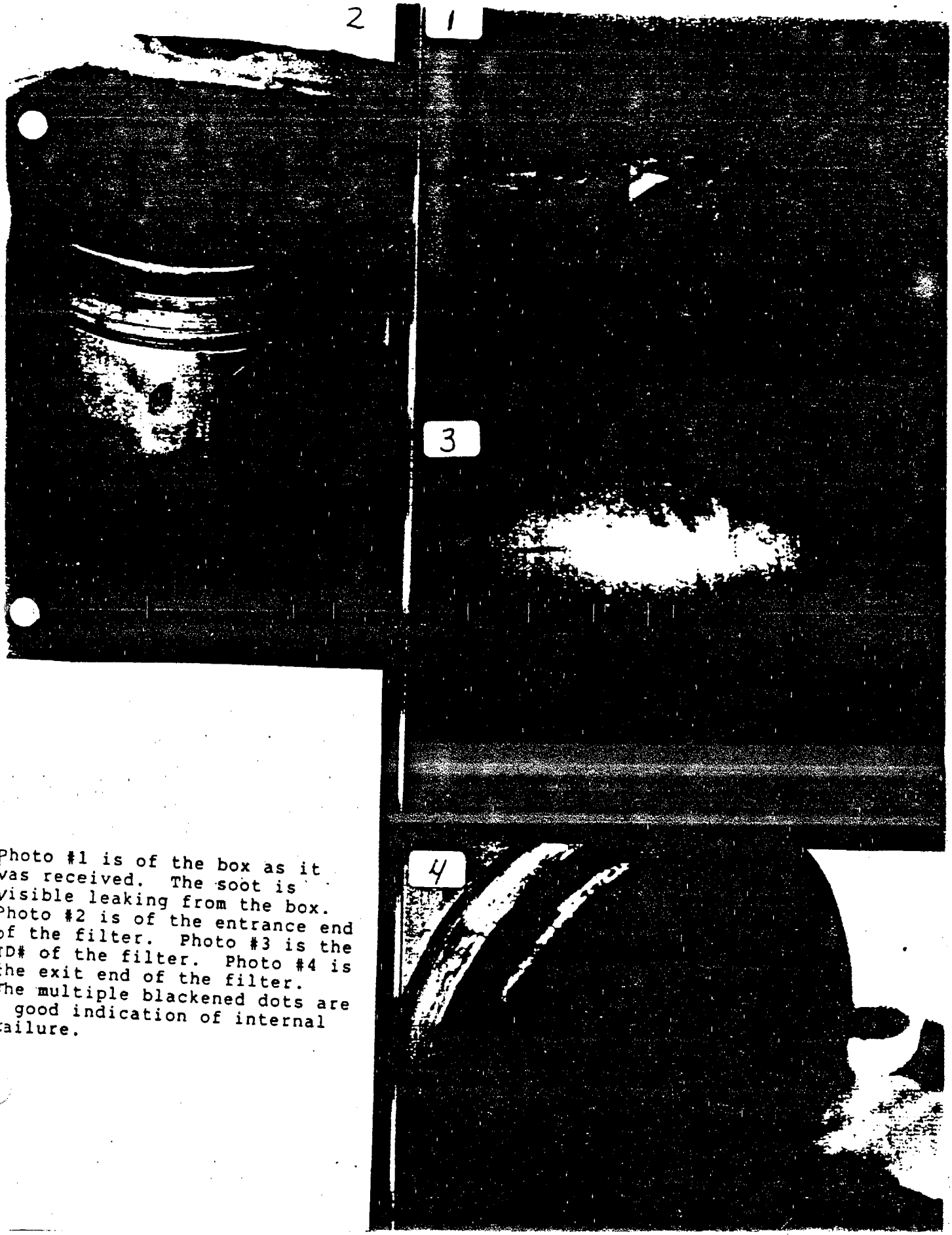
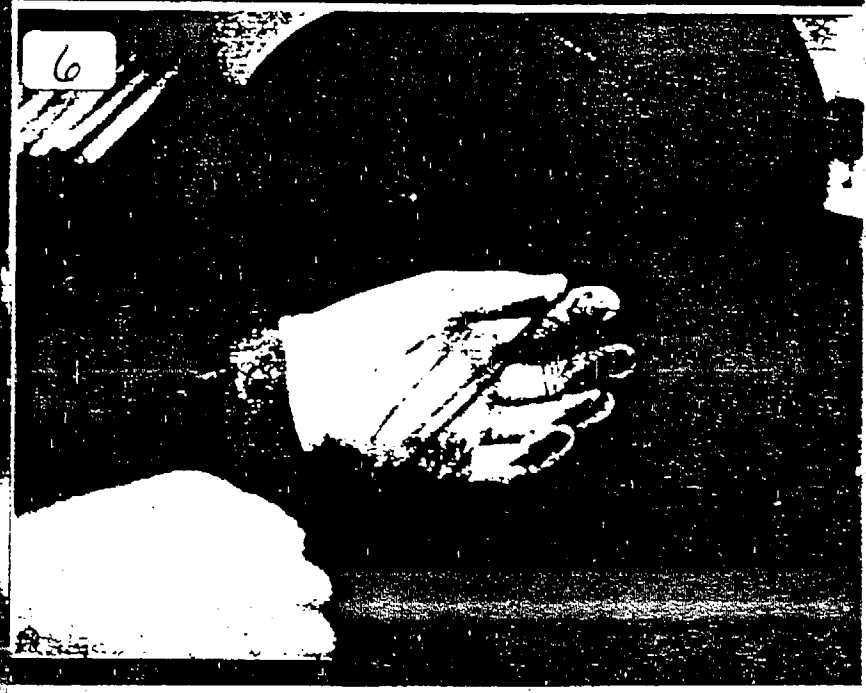
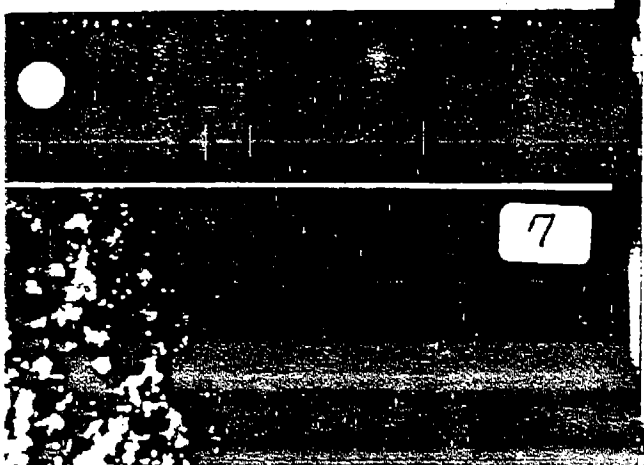


Photo #1 is of the box as it was received. The soot is visible leaking from the box. Photo #2 is of the entrance end of the filter. Photo #3 is the ID# of the filter. Photo #4 is the exit end of the filter. The multiple blackened dots are good indication of internal failure.

Photo #5 illustrates the vacuuming of the entrance end or the filter. In Photo #6 a piece of welding rod is inserted into the exit end of the filter in an attempt to identify any possible melted regions within the filter. Photo #7 is again the filter identification number. The oxidation of the can is evident in this photo. This occurs after furnace regeneration. Photo #8 is of the clear tape that was placed on the exit end of the filter. The filter was loaded with graphite and rolled to identify any possible failures within the filter. The graphite will stick to the tape in these failed areas.





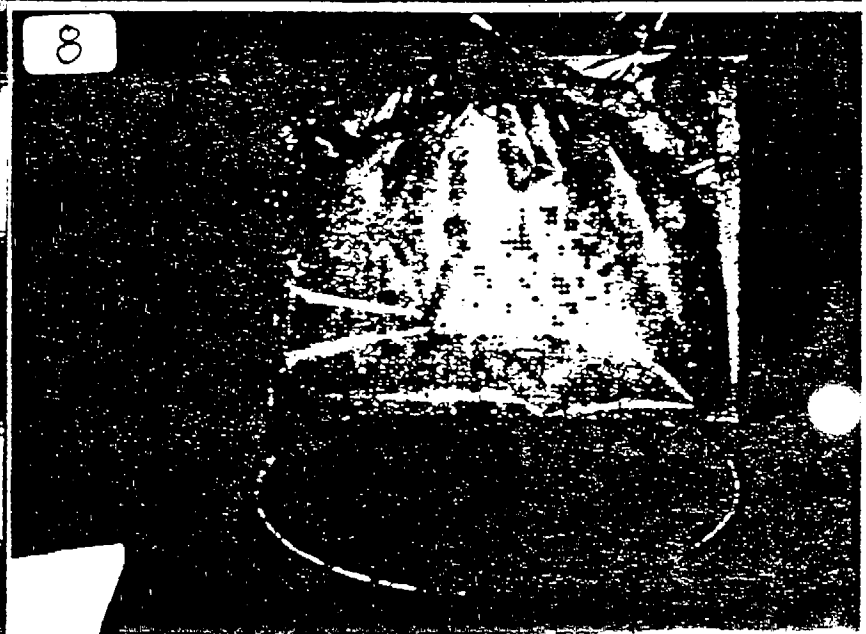
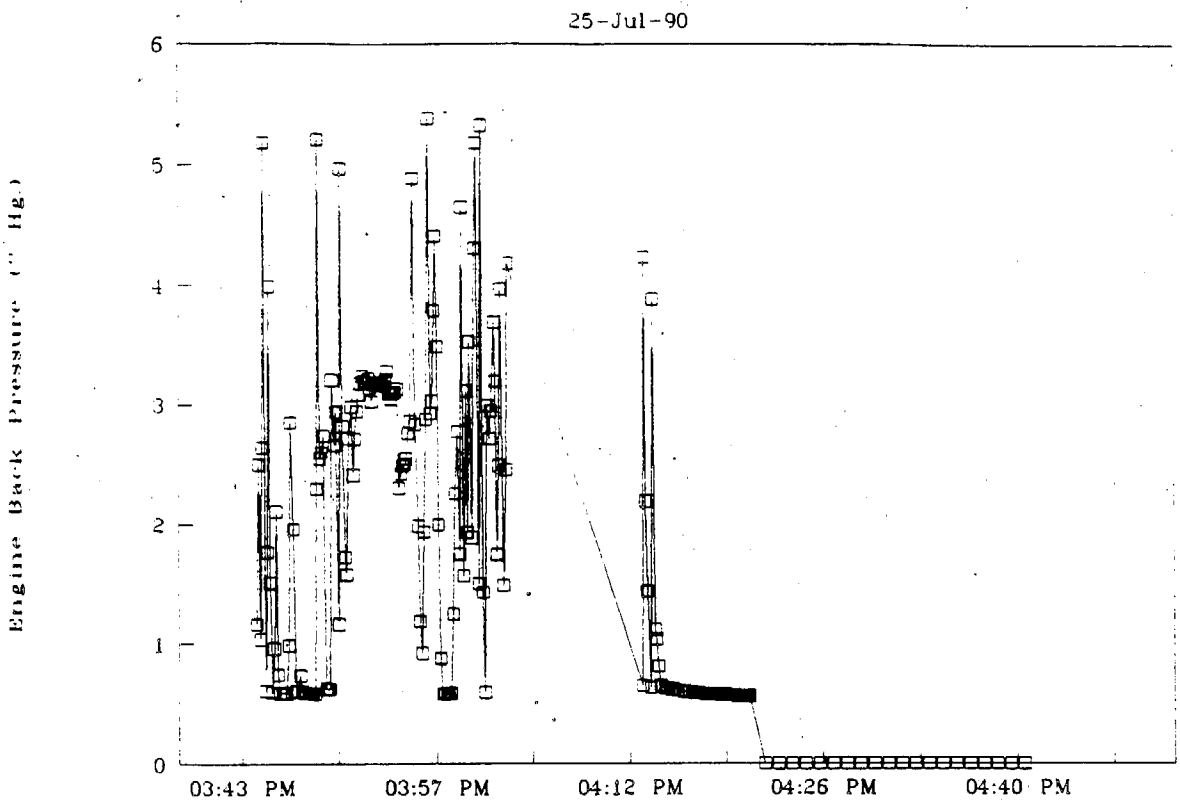


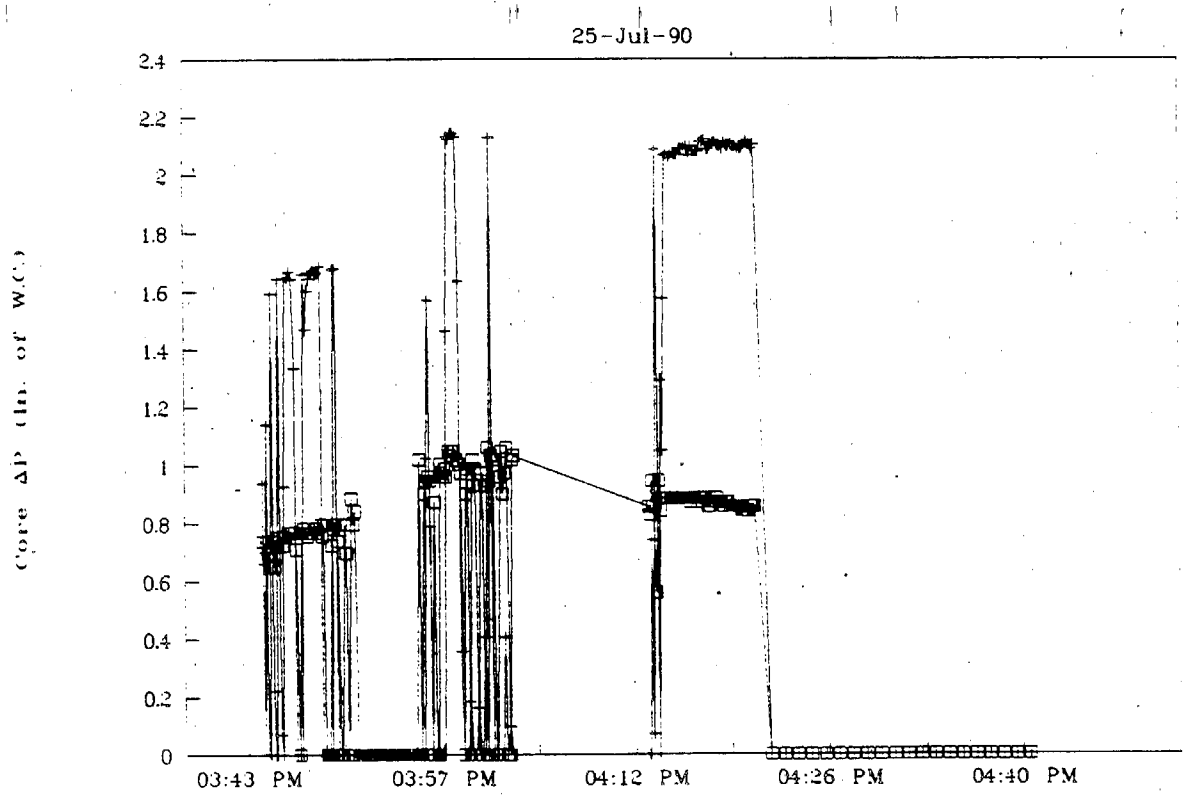
Photo #9 is of the removal of the filter can. A plasma arc cutting rig is used in the cutting process. This is thought to cause the least damage to the filter during removal of the can. Photo #10 is of the filter after half the can was removed. The red dots were placed along the crack lines as a photographic aid. Photos #11 and #12 are the filter after merely push on the filter. The topographical appearance of filter is a clear indicator thermal fatigue. The black areas are residual carbon and the brown areas are the catalyst on the filter.

APPENDIX O

SCRTD Trap System Data
(July 25, 26, 1990)

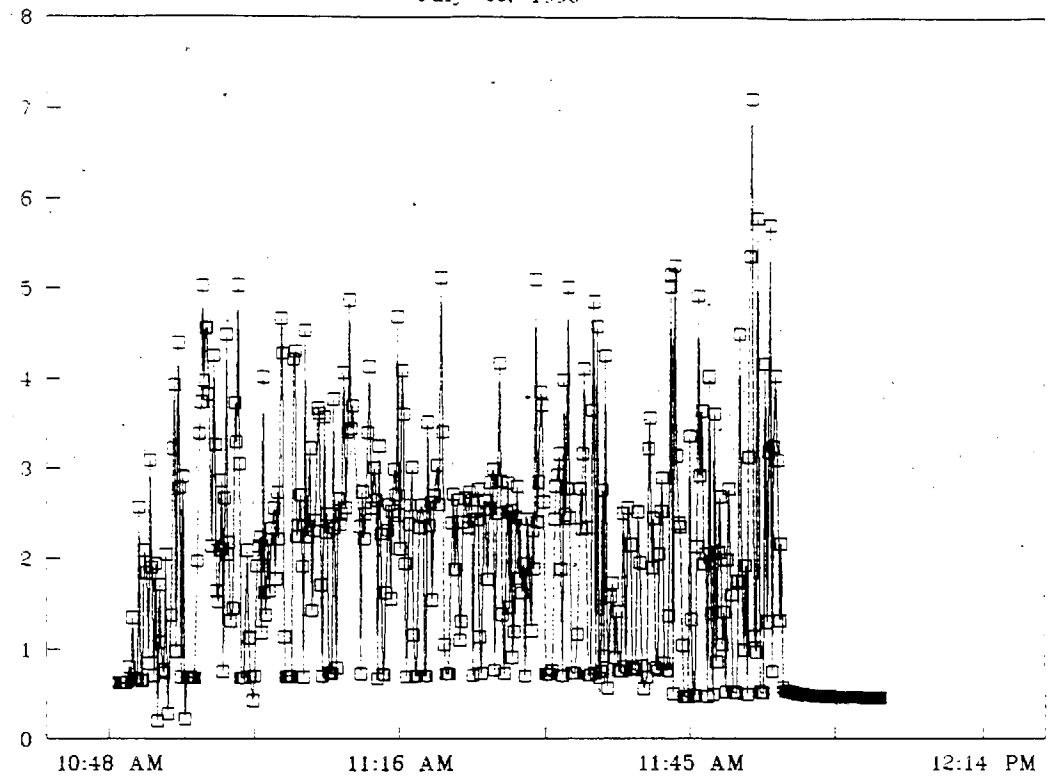
ARB Trap Demonstration (SCRTD 8924)





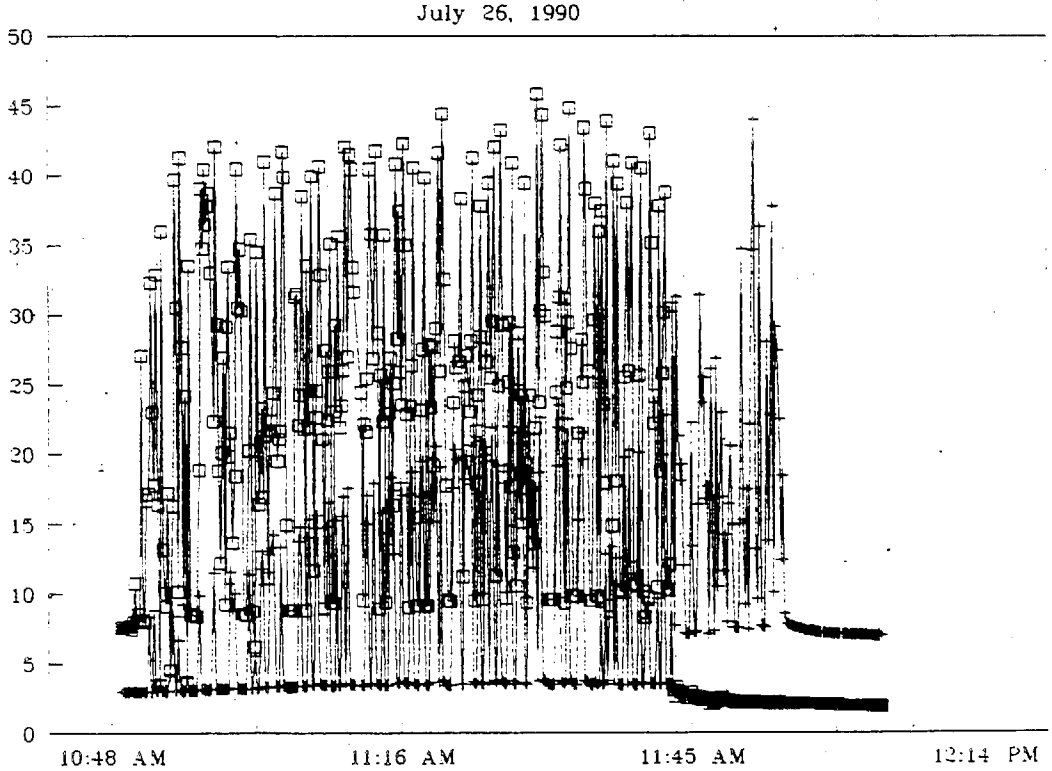
ARB TRAP DEMONSTRATION (SCRTD)

July 26, 1990



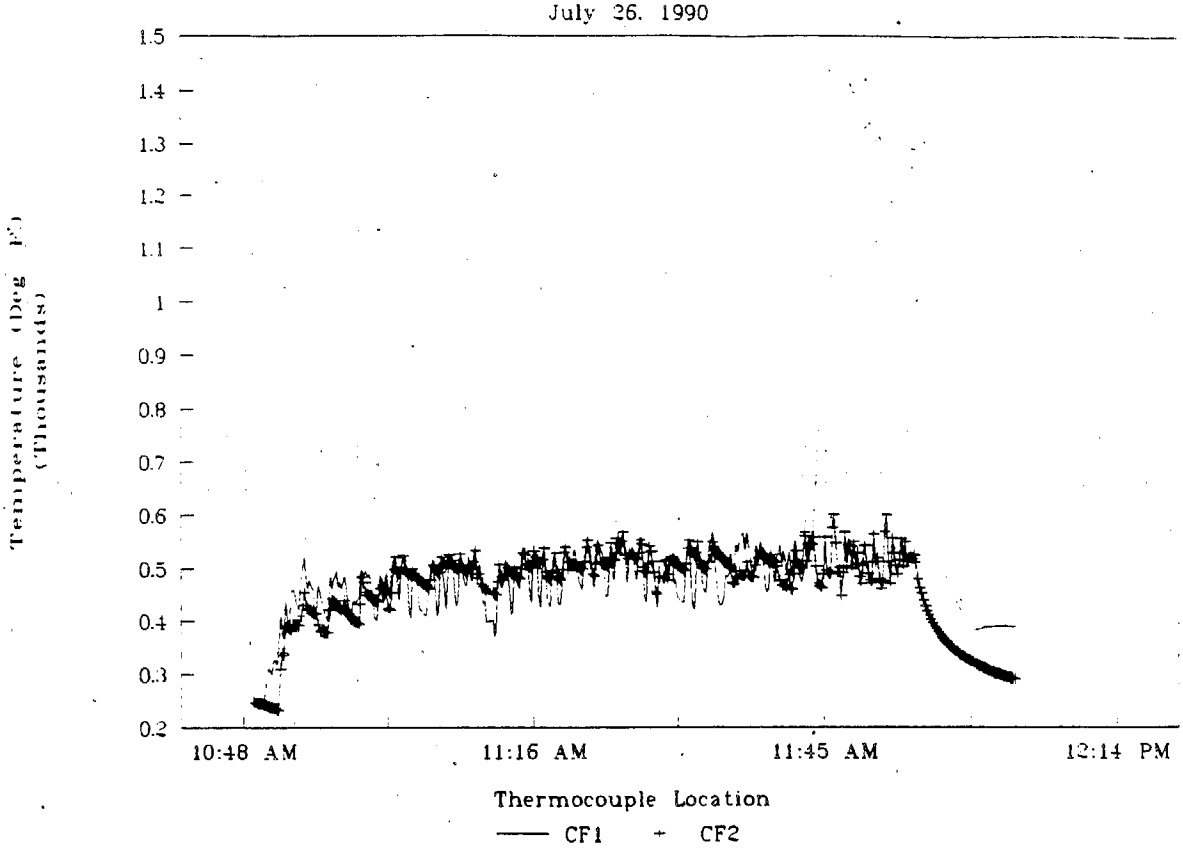
ARB TRAP DEMONSTRATION (SCRTD)

July 26, 1990



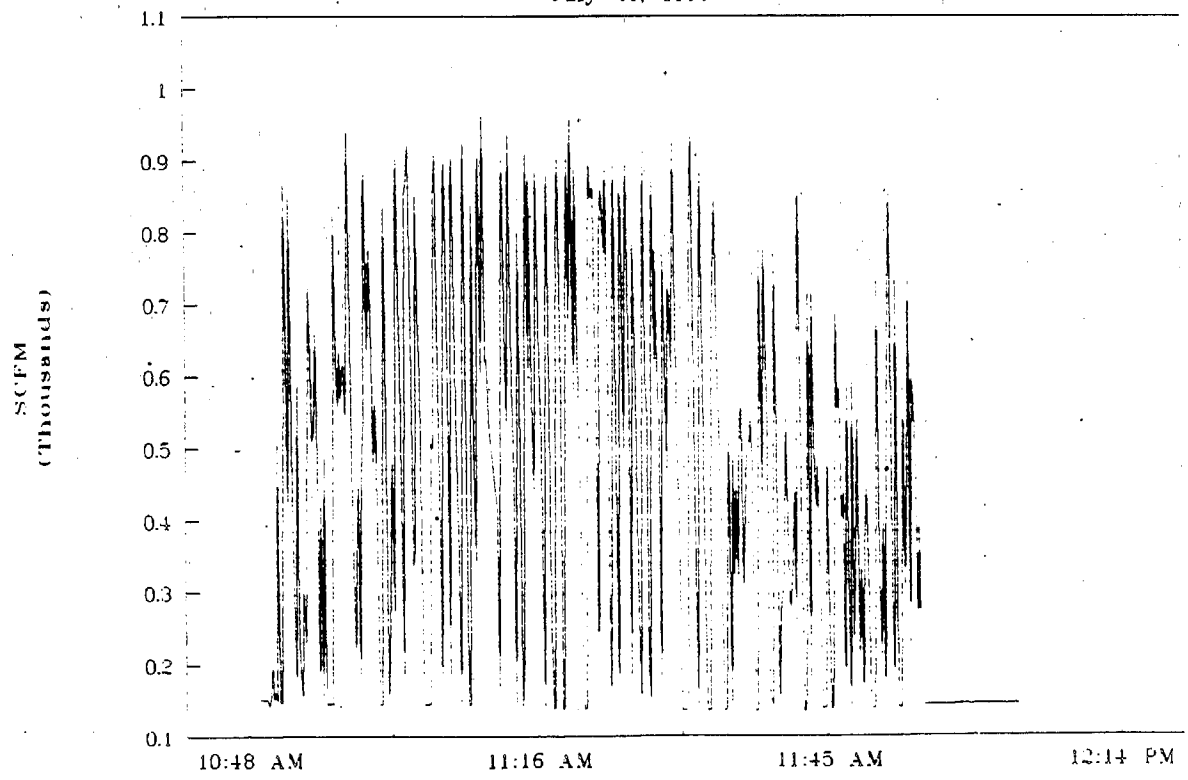
ARB TRAP DEMONSTRATION (SCRTD)

July 26, 1990



ARB TRAP DEMONSTRATION (SCRTD)

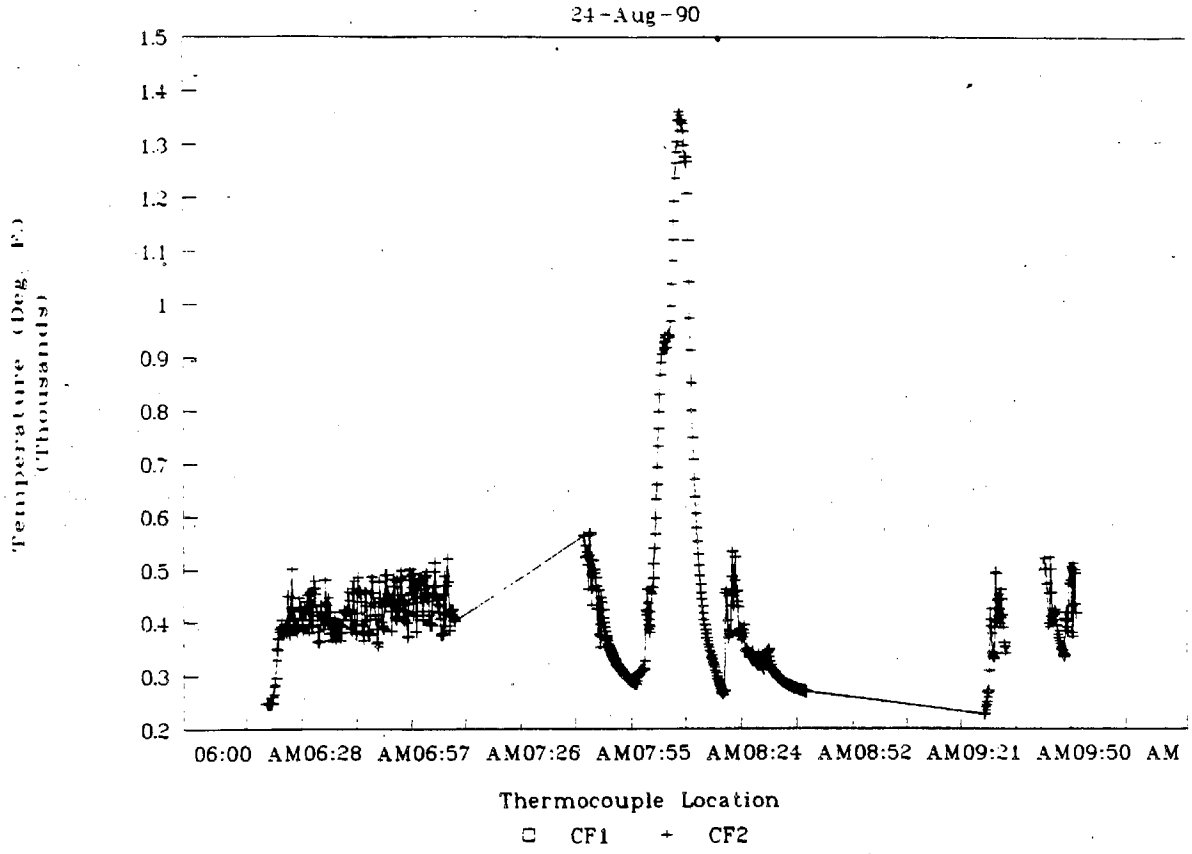
July 26, 1990



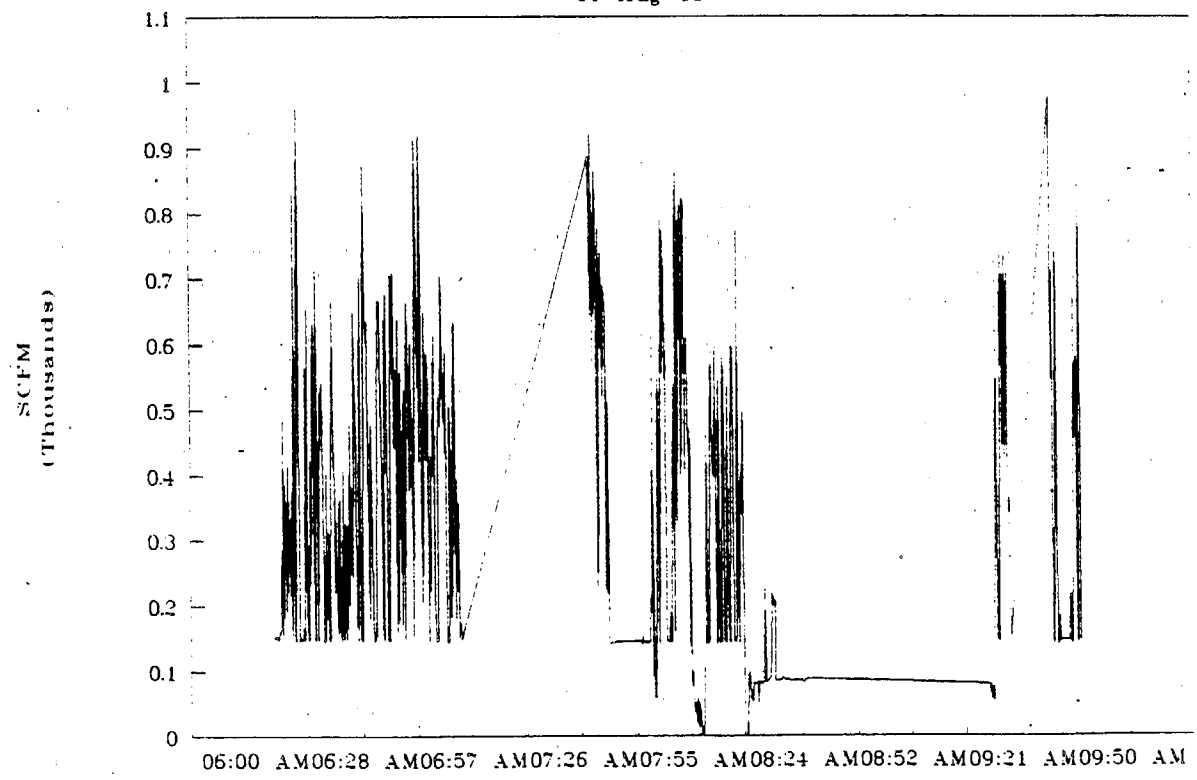
APPENDIX P

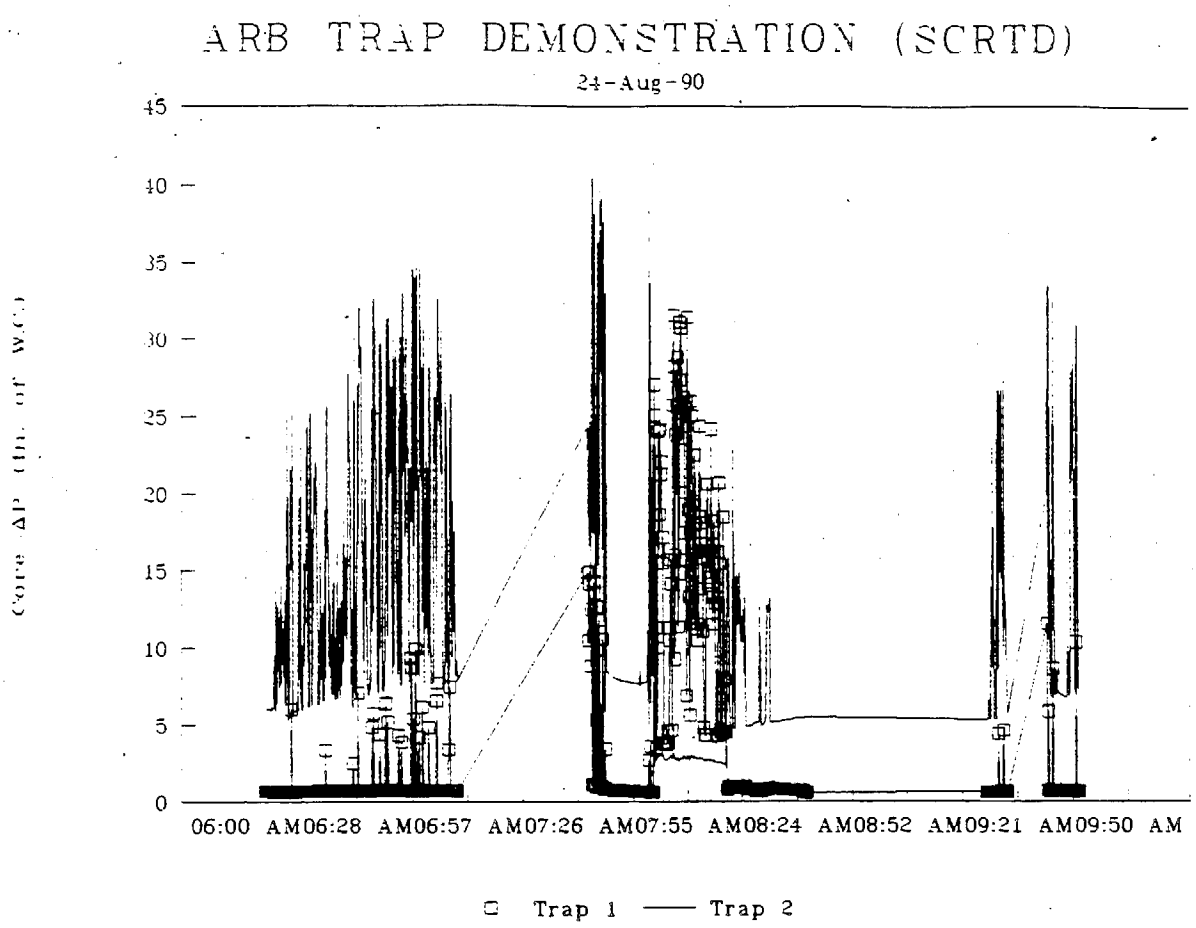
SCRTD Trap System Data
(August 24, 25, 1990)

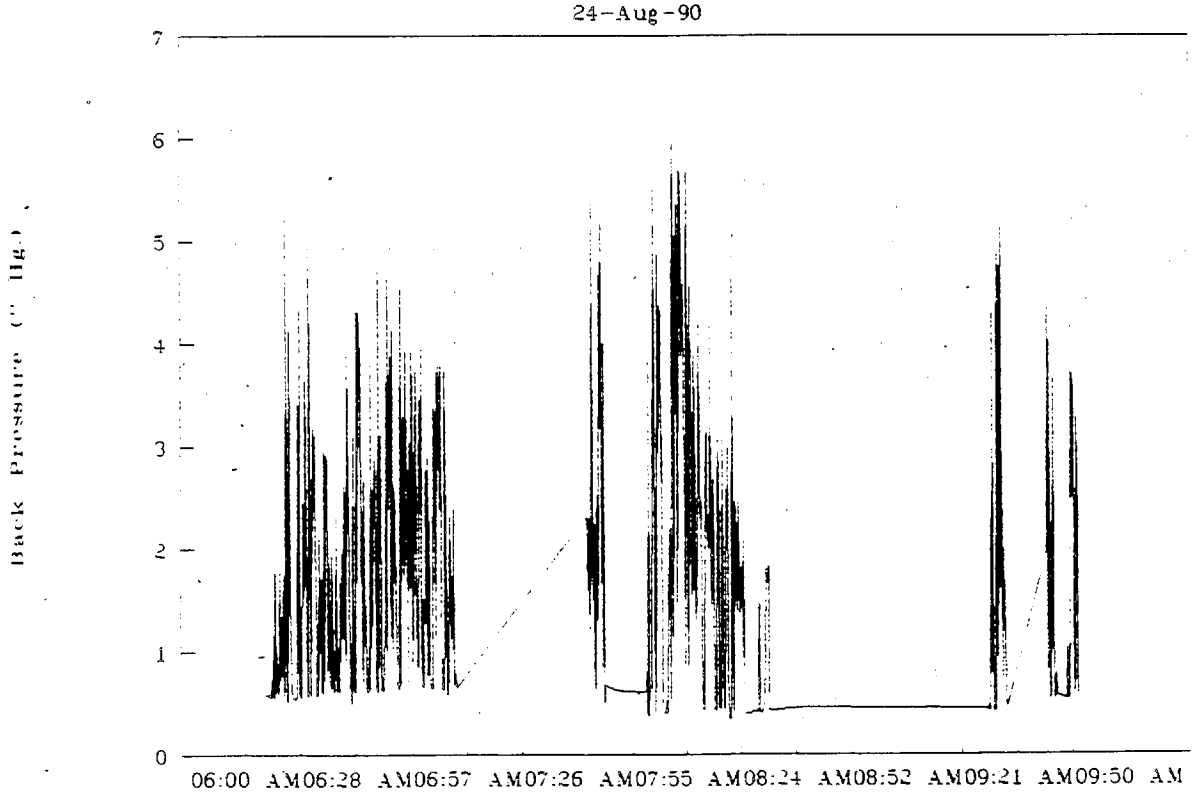
ARB TRAP DEMONSTRATION (SCRTD)



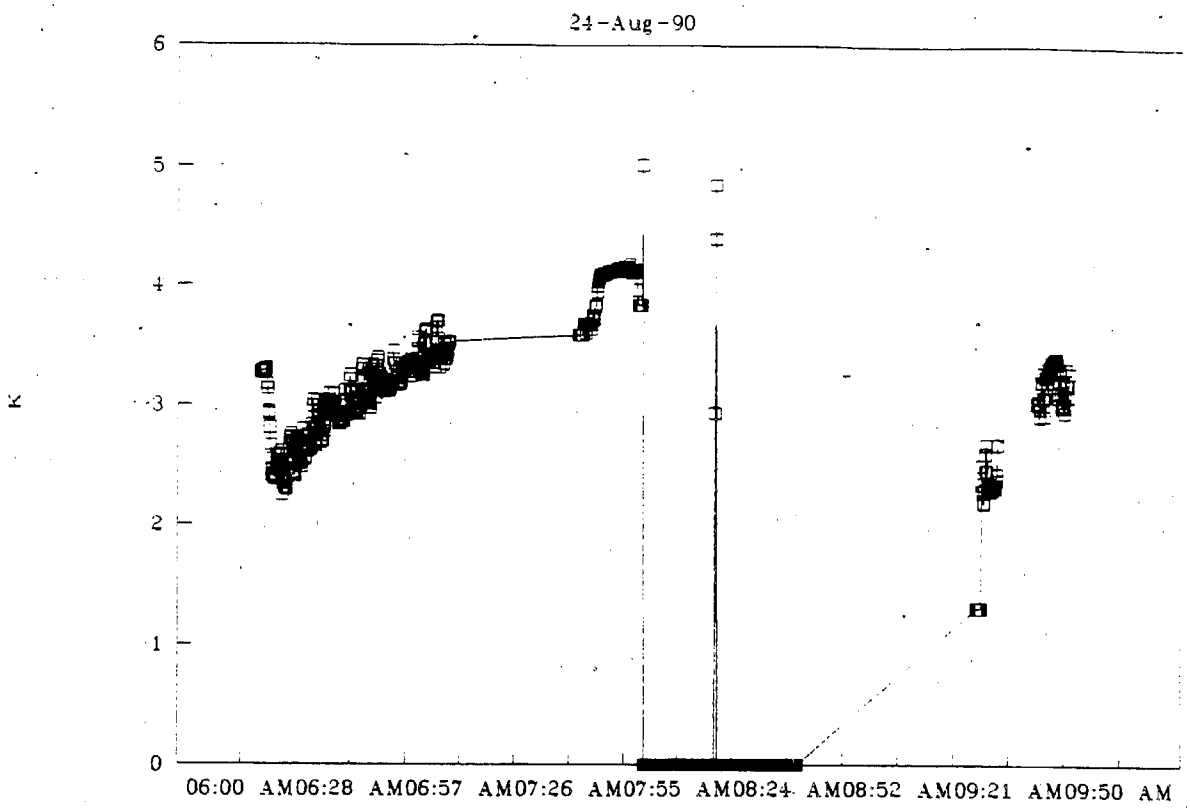
ARB TRAP DEMONSTRATION (SCRTD)




ARB TRAP DEMONSTRATION (SCRTD)
24-Aug-90
45
40
35
30
25
20
15
10
5
0
06:00 AM06:28 AM06:57 AM07:26 AM07:55 AM08:24 AM08:52 AM09:21 AM09:50 AM
Trap 1
Trap 2


ARB TRAP DEMONSTRATION (SCRTD)
24-Aug-90
7
6
5
4
3
2
1
0
06:00 AM06:28 AM06:57 AM07:26 AM07:55 AM08:24 AM08:52 AM09:21 AM09:50 AM

ARB TRAP DEMONSTRATION (SCRTD)



APPENDIX Q

Field Report to SCRTD to
Correct Problem with Trap
Bus #8924

Trip Report - Visit to SCRTD to Correct Problem with Trap bus
For: Air Resources Board

Air Resources Board
State of California
9528 Telstar Avenue
El Monte, CA 91731

Attention: Mr. M. O'Connor

Submitted by:

Kong Ha
Advanced Engine Technology

February 28, 1990

ORTECH
INTERNATIONAL
2395 Speakman Drive
Mississauga, Ontario L5K 1B3
(416) 822-4111
Telefax (416) 823-1446

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Trip Report - Visit to SCRTD to Correct Problem with Trap Bus
For: Air Resources Board

BACKGROUND

- SCRTD personnel could not download the data logger storage (SM 716) data to the project laptop computer (Bondwell 300).
- Data logger did not appear to have collected recent data. The last SM 716 contained a very limited amount of data.
- The Bondwell 300 loaded with Measure was not communicating with the trap controller.
- Error lights #6 and #17 appear regularly. The error lights appear to indicate a faulty air flow sensor. An erroneous low air flow signal input to the trap controller will result in a low k factor and thus causing insufficient particulate loading regeneration. An erroneous high air flow signal input to the trap controller will result in a high k factor and thus over loaded trap regeneration may occur. This concern suggests prompt action is needed to resolve the above issues.

Preparation for the February 9, 1990 visit.

- DCI is calibrating a new SCFM sensor set-up.
- A set of tested ceramic catalyzed filters were shipped to SCRTD from DCI.
- ORTECH procured a new Bondwell 310 laptop computer, with all communication hardware.
- A new Measure program was sent to ORTECH by DCI and loaded onto the Bondwell 310.

EVENTS AND RESULTS

- The Bondwell 300 was shown not to be downloading to the SM 716 and also not communicating with the trap controller.
- The Bondwell 310 was used and retrieved data from the SM 716. The SM 716 contained data collected from February 5, 1990 to February 13, 1990.

- The trap system controller was reset to erase the error signal #17. The bus was then driven over a test route.

- During the test route, the Bondwell 310 communicated with the trap system controller. This clearly indicated that the serial port of the Bondwell 300 needs to be repaired.

- The bus was then returned to the depot. The SM 716 data was downloaded to the Bondwell 310. Very few data points (18) were collected over the 1 hour test route. Further analysis of the data appeared to indicate that the data logger was not receiving the correct exhaust temperature and this was not triggered into data collection mode. The exhaust temperature input signal was switched with trap 1 inlet temperature and used as a data collection triggered temperature. This is only a temporary solution, and ORTECH will procure new thermocouples and will install them during the week of March 5, 1990.

- The bus was then driven for the next two hours in an attempt to understand the conditions at which the error lights will appear. During the test route, and when trap #1 began to regenerate, an error message #14 appeared on the Bondwell 310 followed by the error message #28. The bus was stopped but no error light appeared on the trap controller. The Bondwell 310 also was frozen and data could not be saved. Upon rebooting the Bondwell 310, it was also discovered that the Measure program was damaged (part of file missing). Attempts to reload the file were not successful.

- The bus was then driven back to the depot. Exhaust is being routed through trap #2. No error lights appeared on the trap controller.

- SM 716 data was downloaded to the Bondwell 310. A new data collection program (10 second collection interval) was loaded into the data logger.

- Data logger software was loaded onto a computer at SCRTD and shown to be functioning correctly. This will be the backup for SCRTD to download the data from the SM 716.

ACTION ITEMS

- ORTECH will repair and upgrade the Bondwell 300.
- SCRTD will contact ORTECH as soon as an error light appears.
- ORTECH will analyze all the data collected.
- A copy of the data will be sent to DCI.
- ORTECH will procure, thermocouple to replace the defective turbo thermocouple.

SUMMARY

The error signals from the trap controller in conjunction with the faulty thermocouple, project computer and the wrong software, prompted this visit to SCRTD. Appropriate action steps were taken to diagnose the situation. Further action items will resolve all the issues.

The trap system is believed to be in good working order. New filters for emission testing at ARB have been scheduled for the week of March 5, 1990.

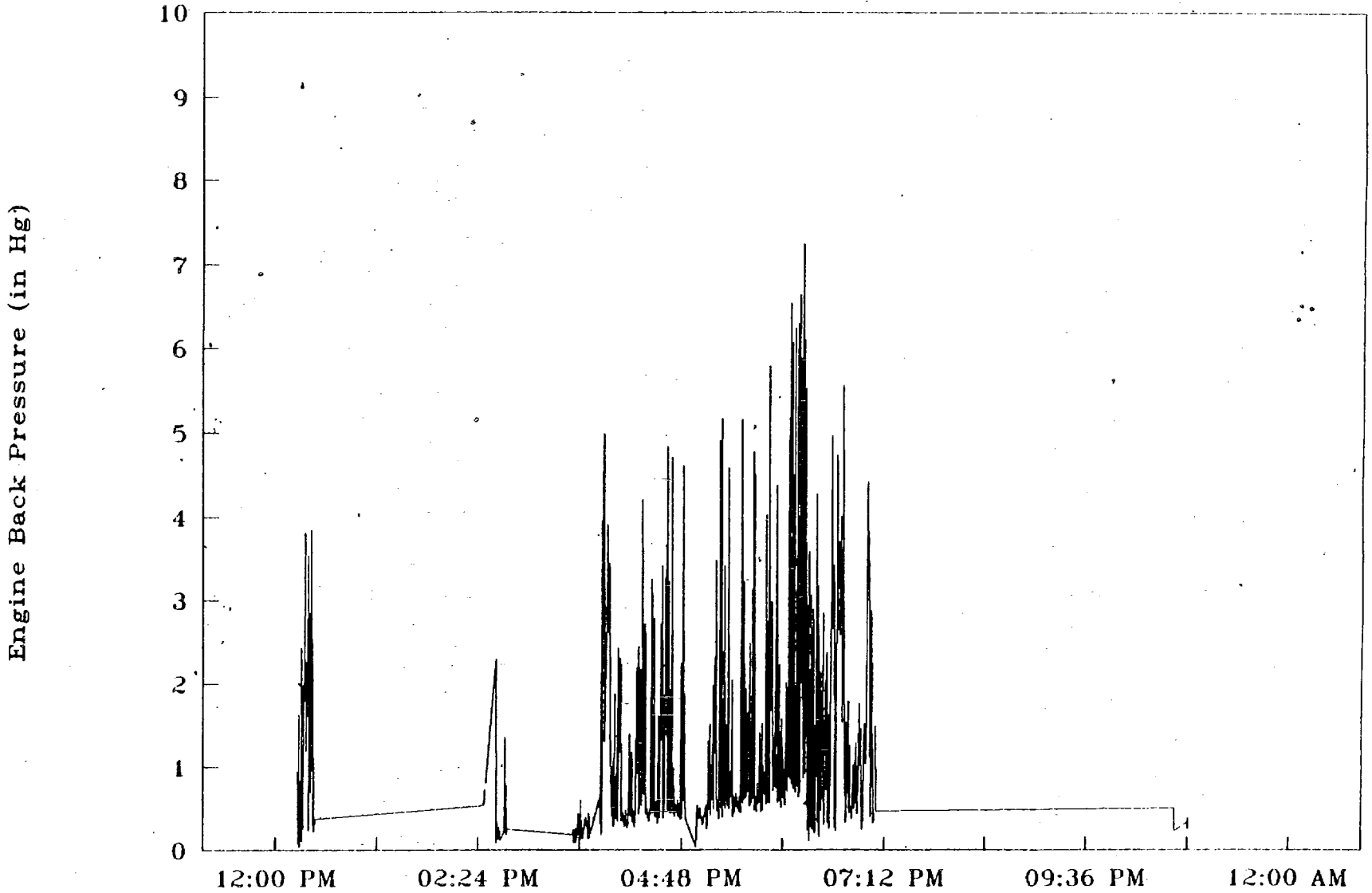
Kong Ha
February 28, 1990

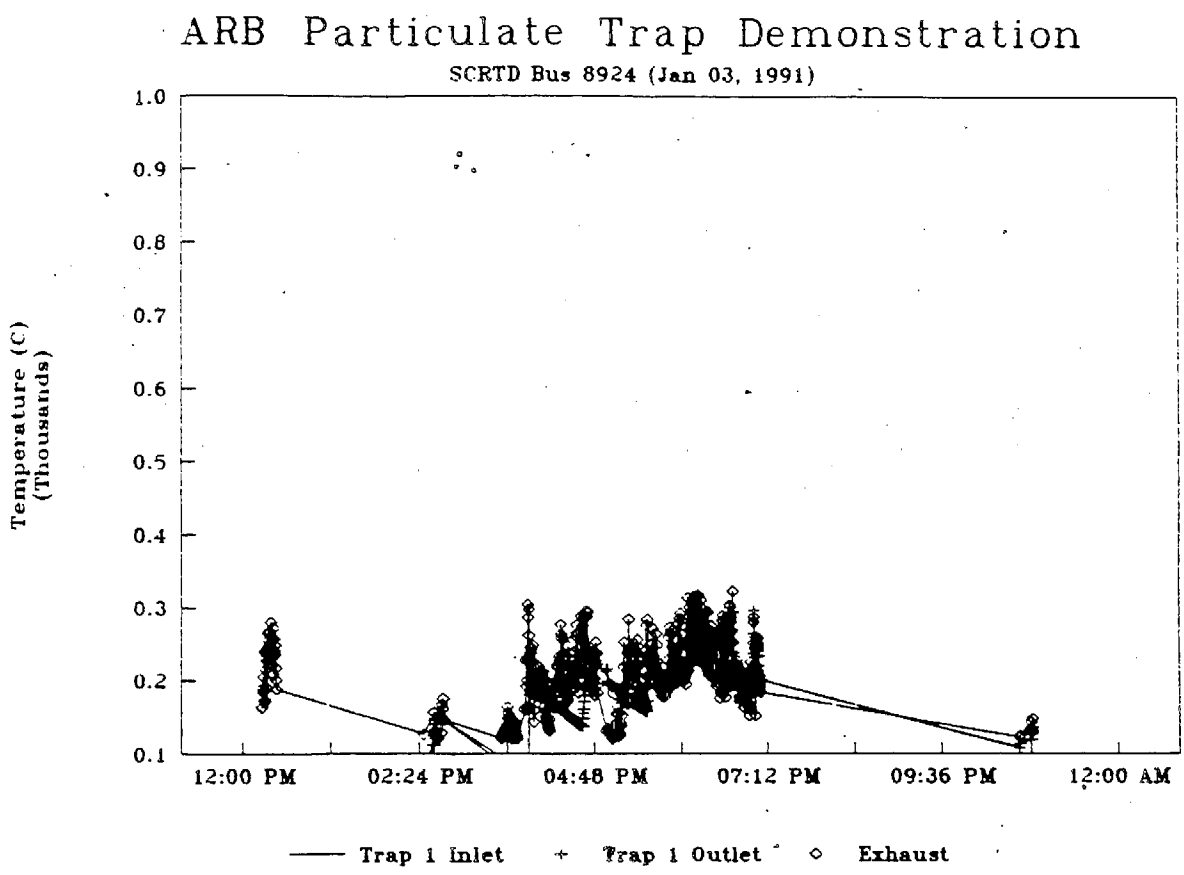
APPENDIX R

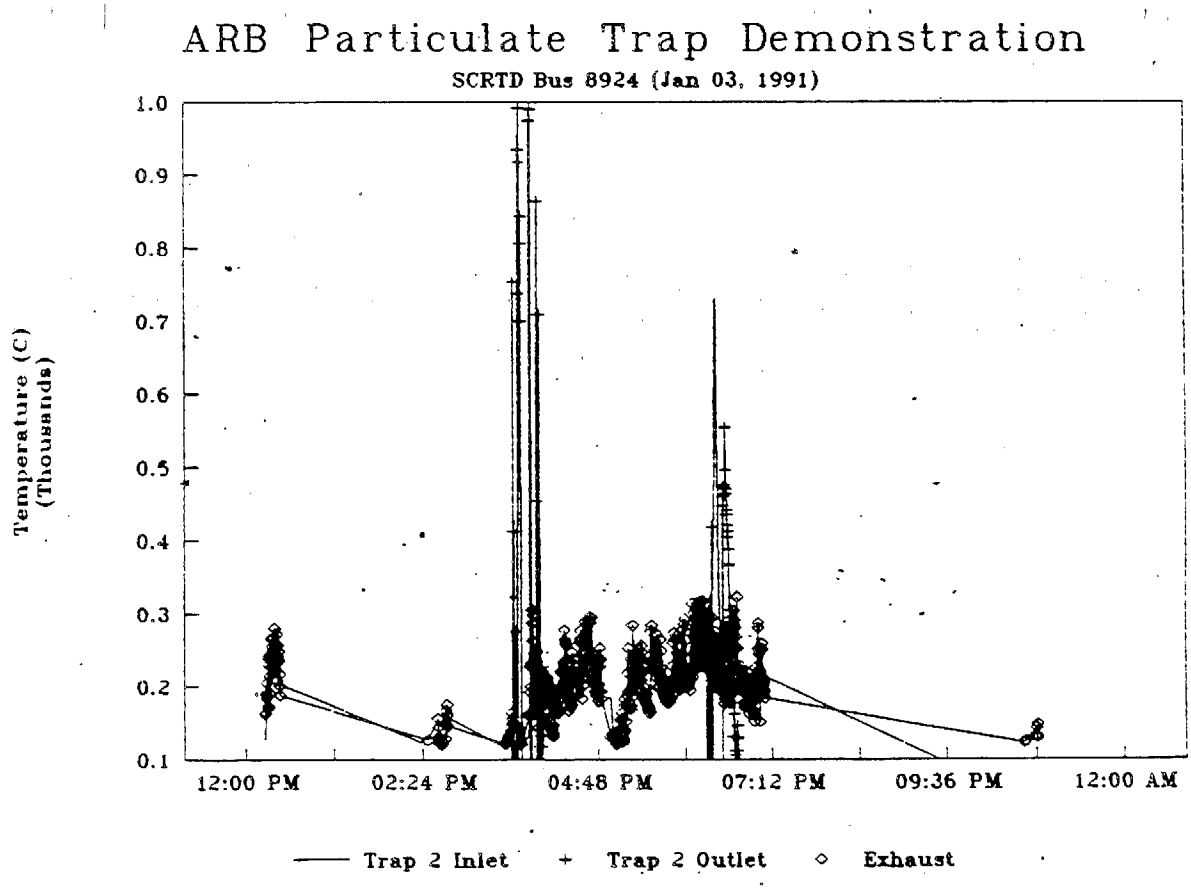
Backpressure and Trap Temperature Graphs

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 03, 1991)

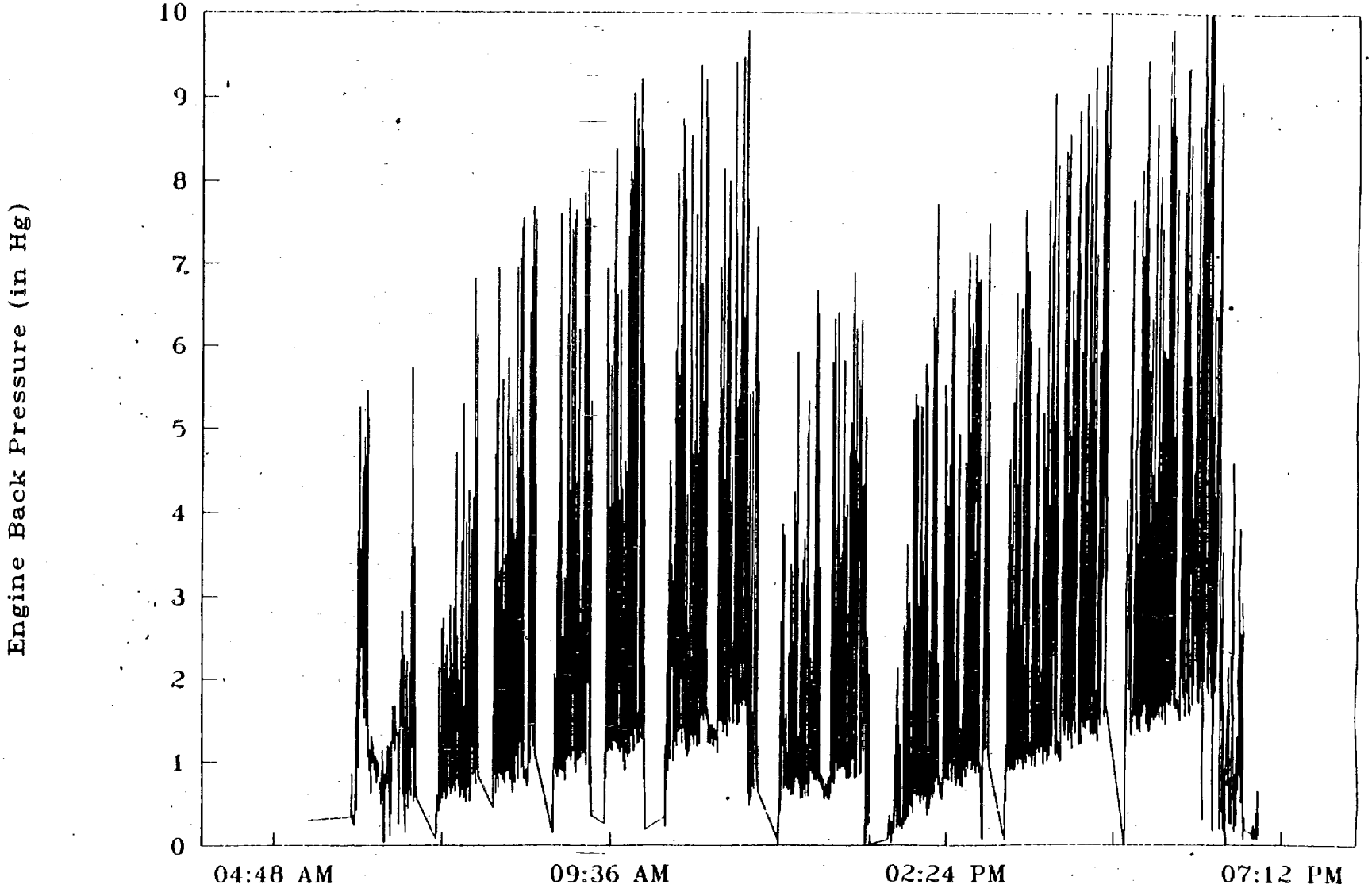


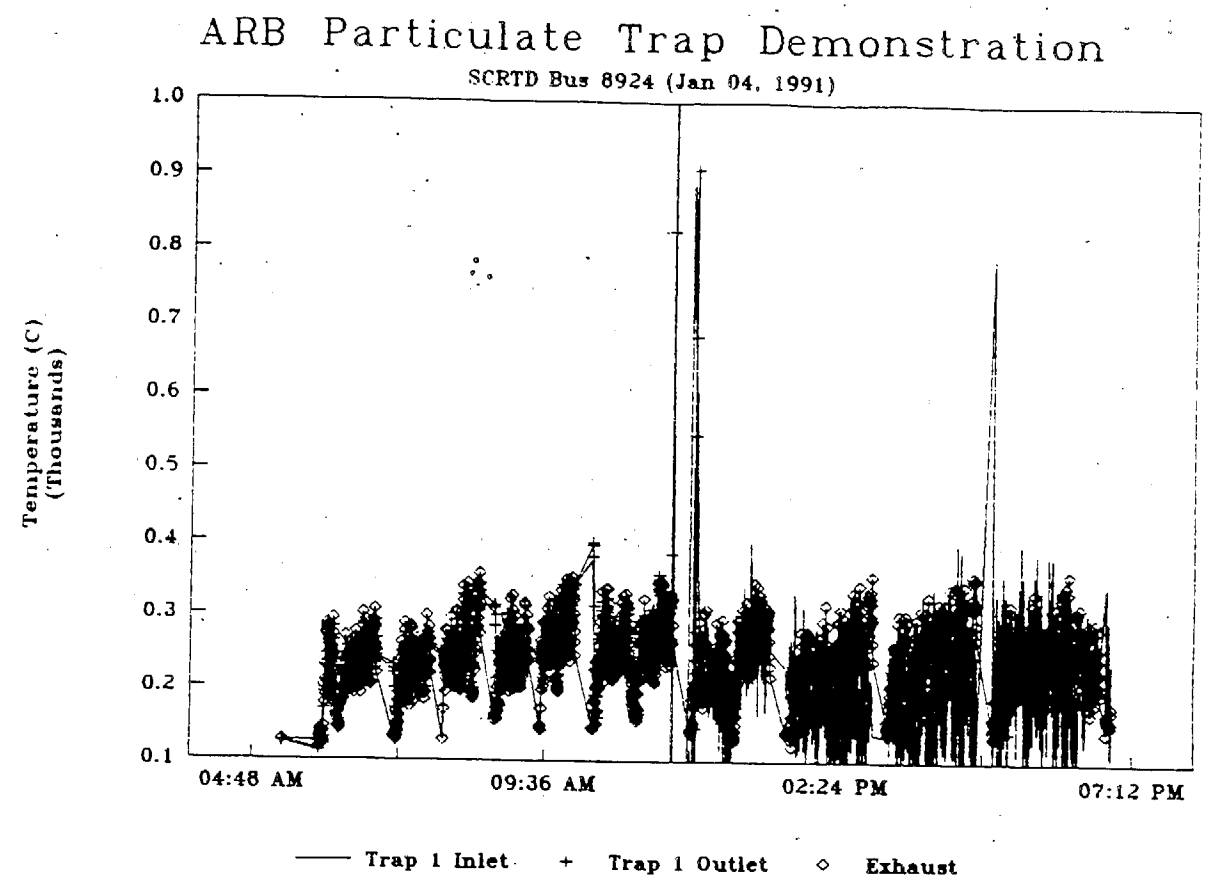

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 03, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 PM
02:24 PM
04:48 PM
07:12 PM
09:36 PM
12:00 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

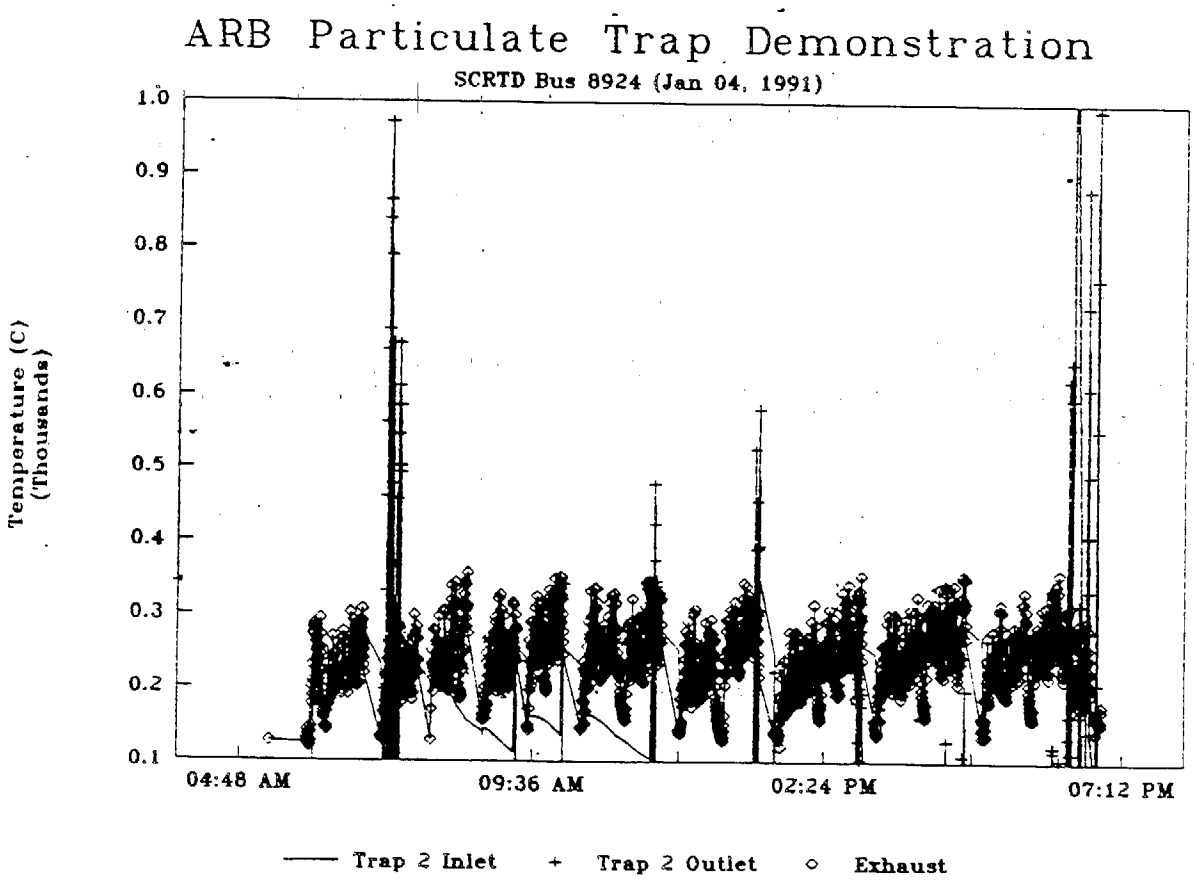

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 03, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 PM
02:24 PM
04:48 PM
07:12 PM
09:36 PM
12:00 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 04, 1991)

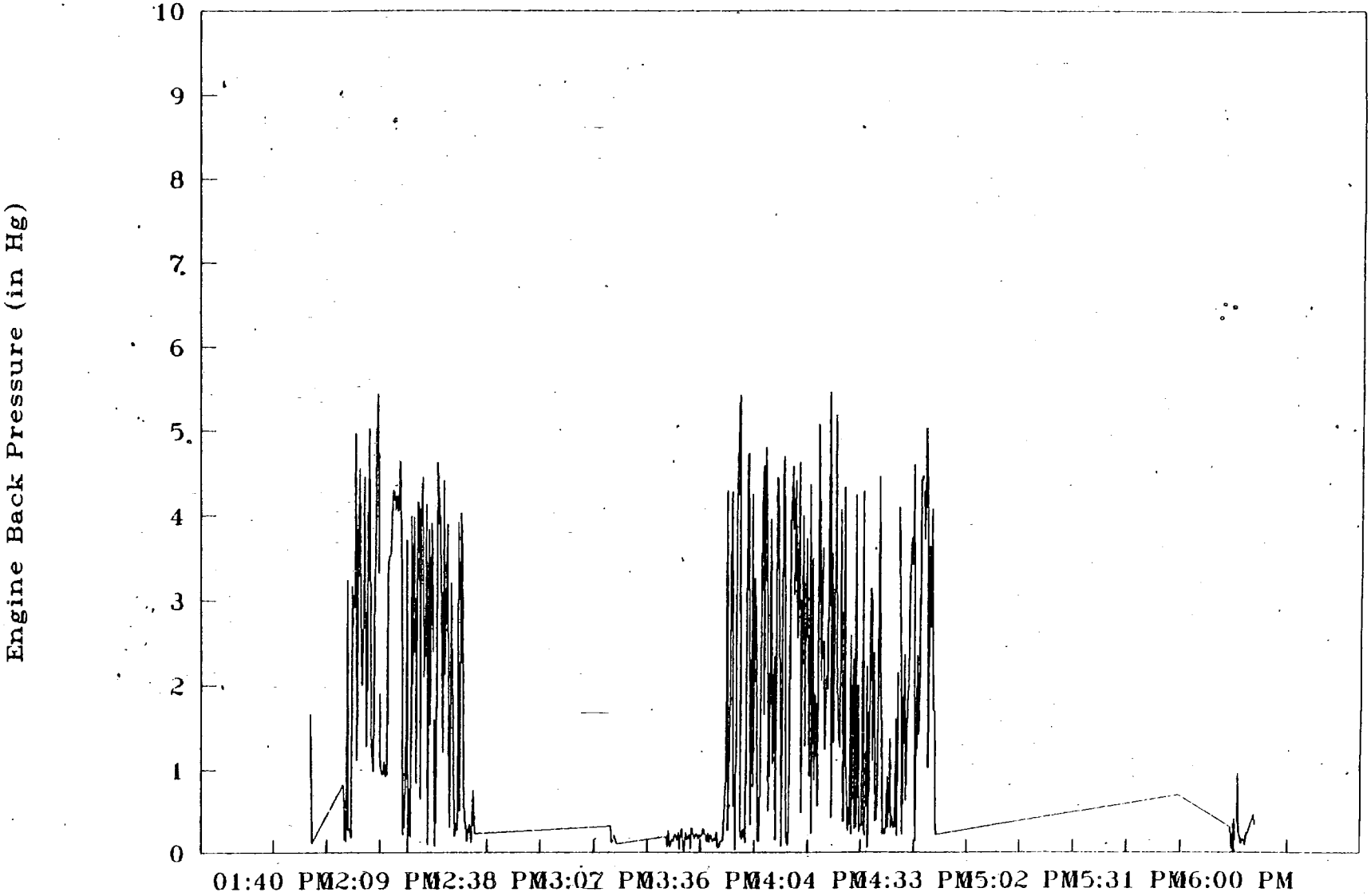


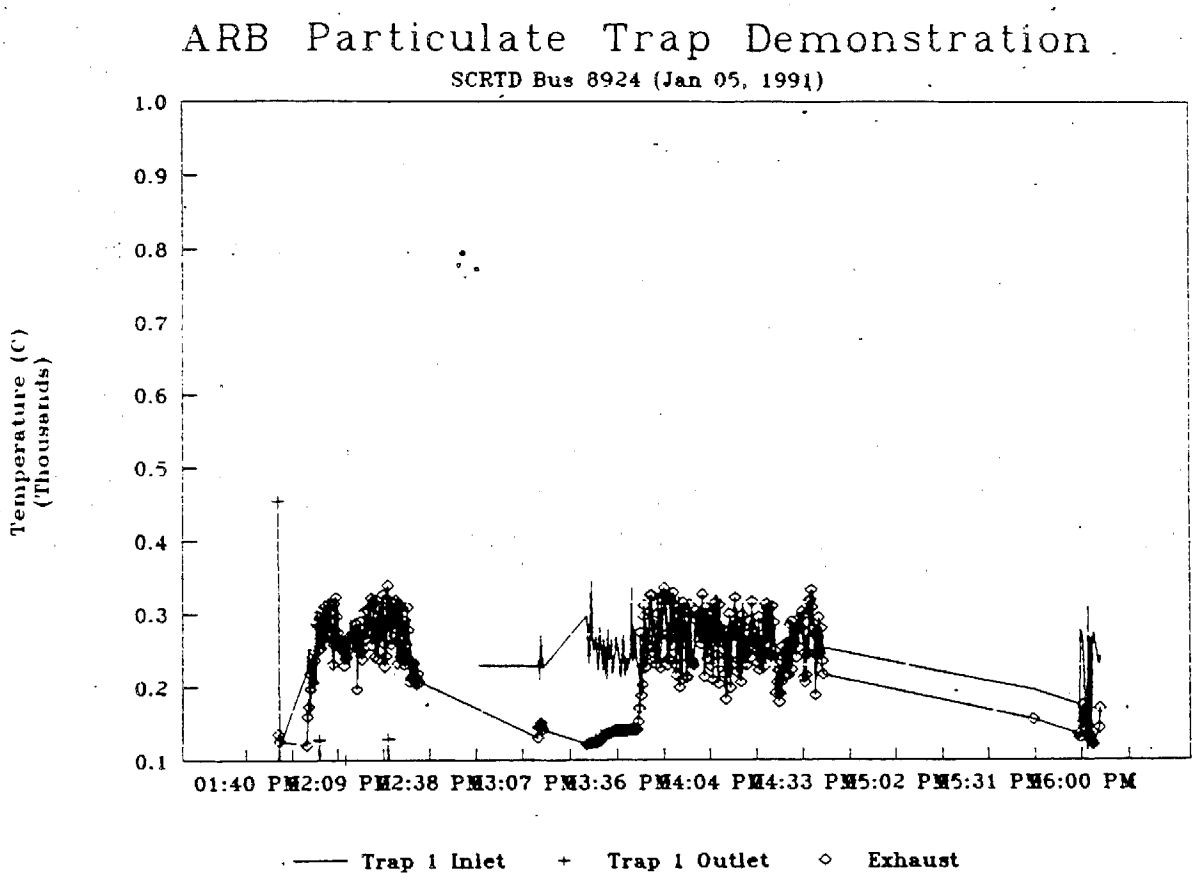

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 04, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

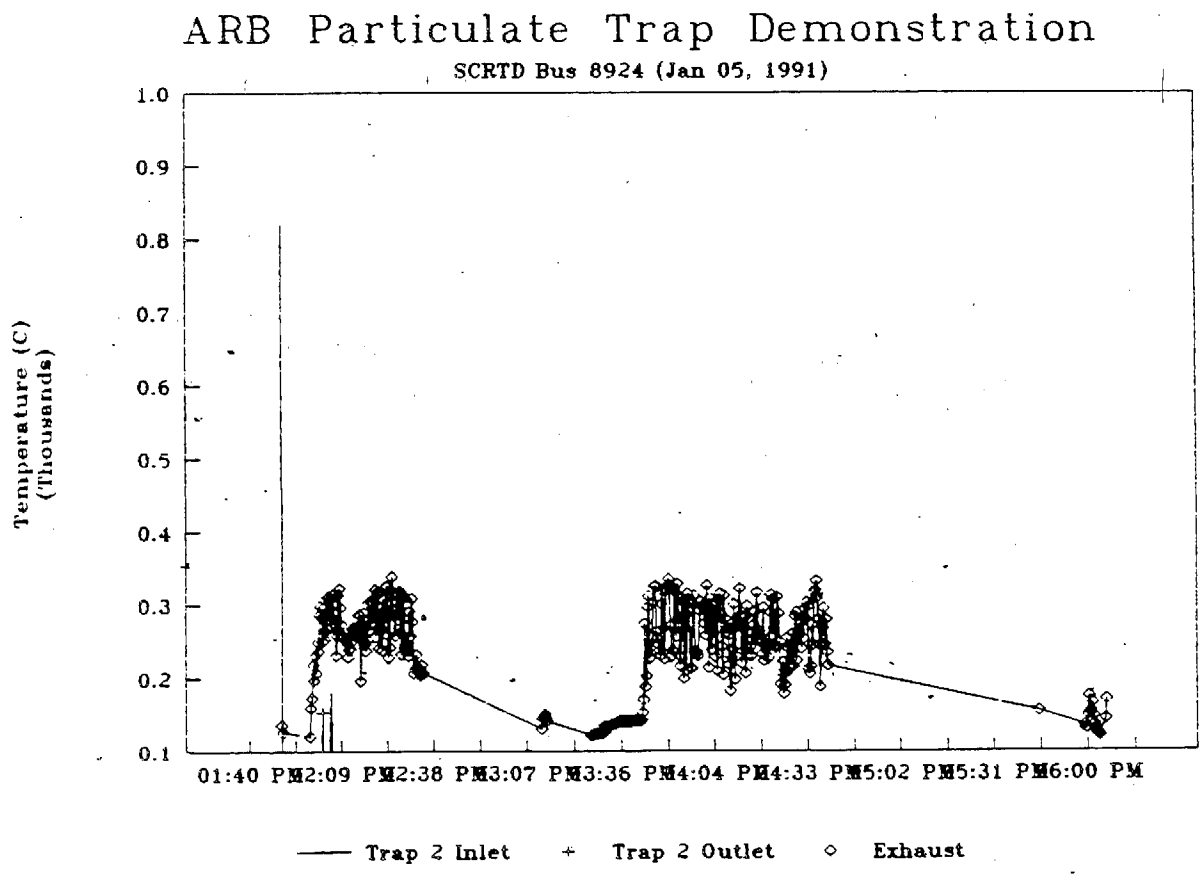

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 04, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 05, 1991)

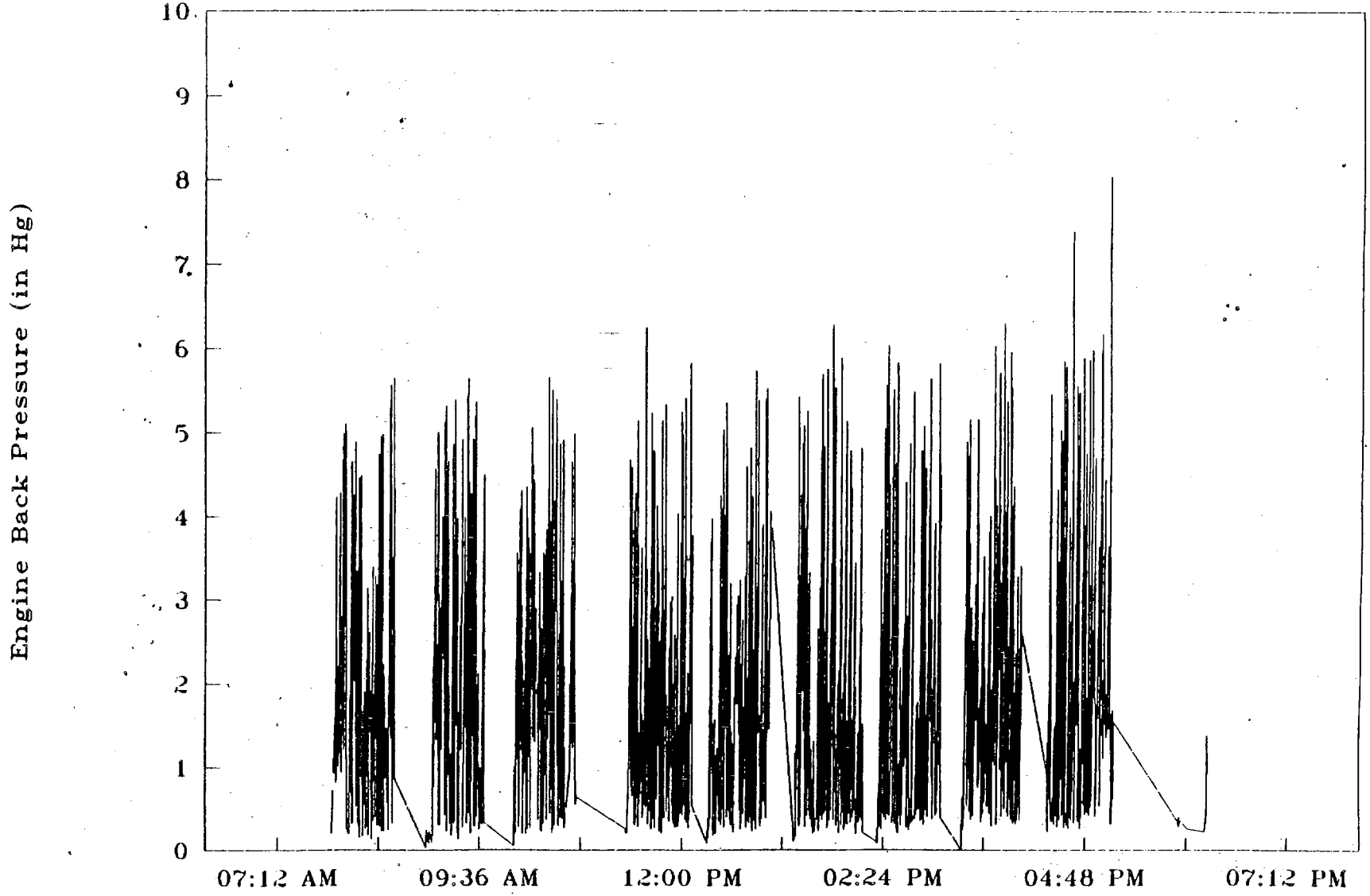


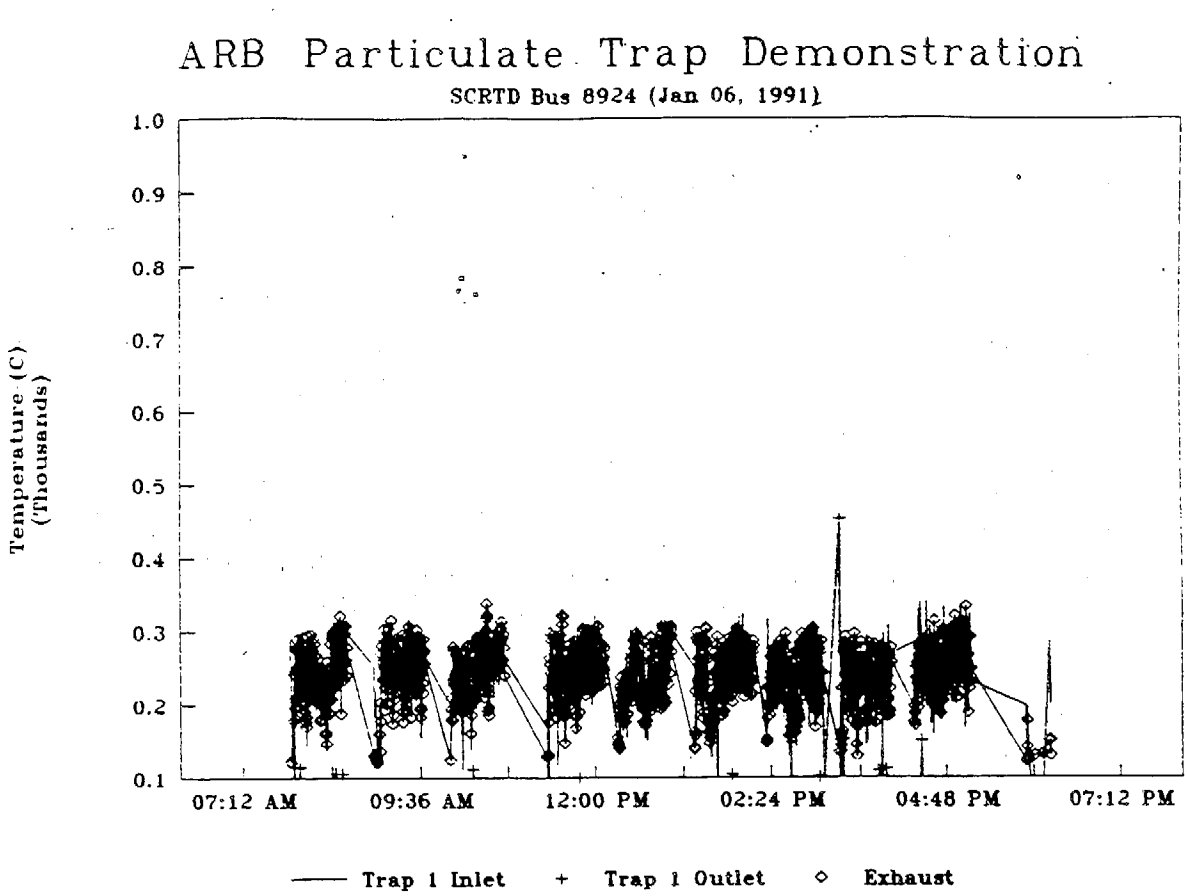

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 05, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
01:40 PM 2:09 PM 2:38 PM 3:07 PM 3:36 PM 4:04 PM 4:33 PM 5:02 PM 5:31 PM 6:00 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

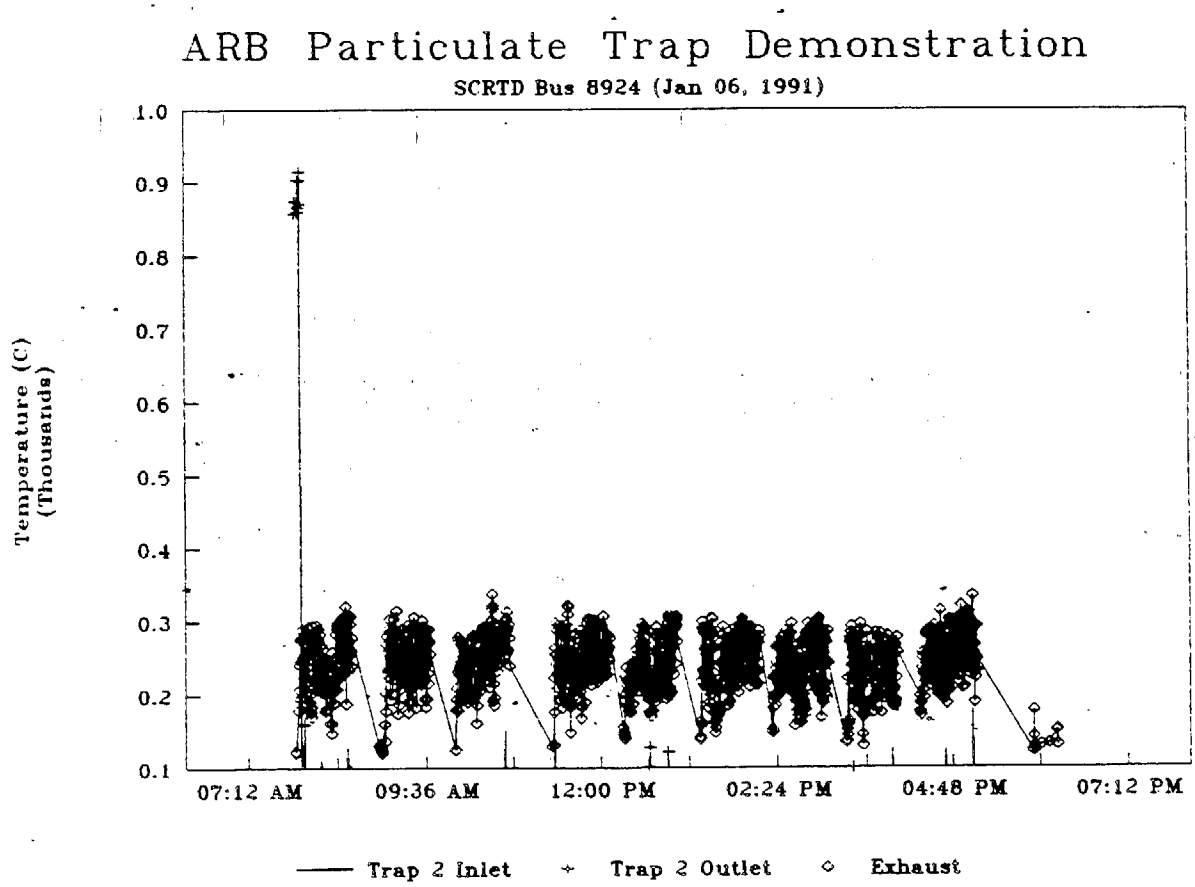

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 05, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
01:40 PM 2:09 PM 2:38 PM 3:07 PM 3:36 PM 4:04 PM 4:33 PM 5:02 PM 5:31 PM 6:00 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 06, 1991)

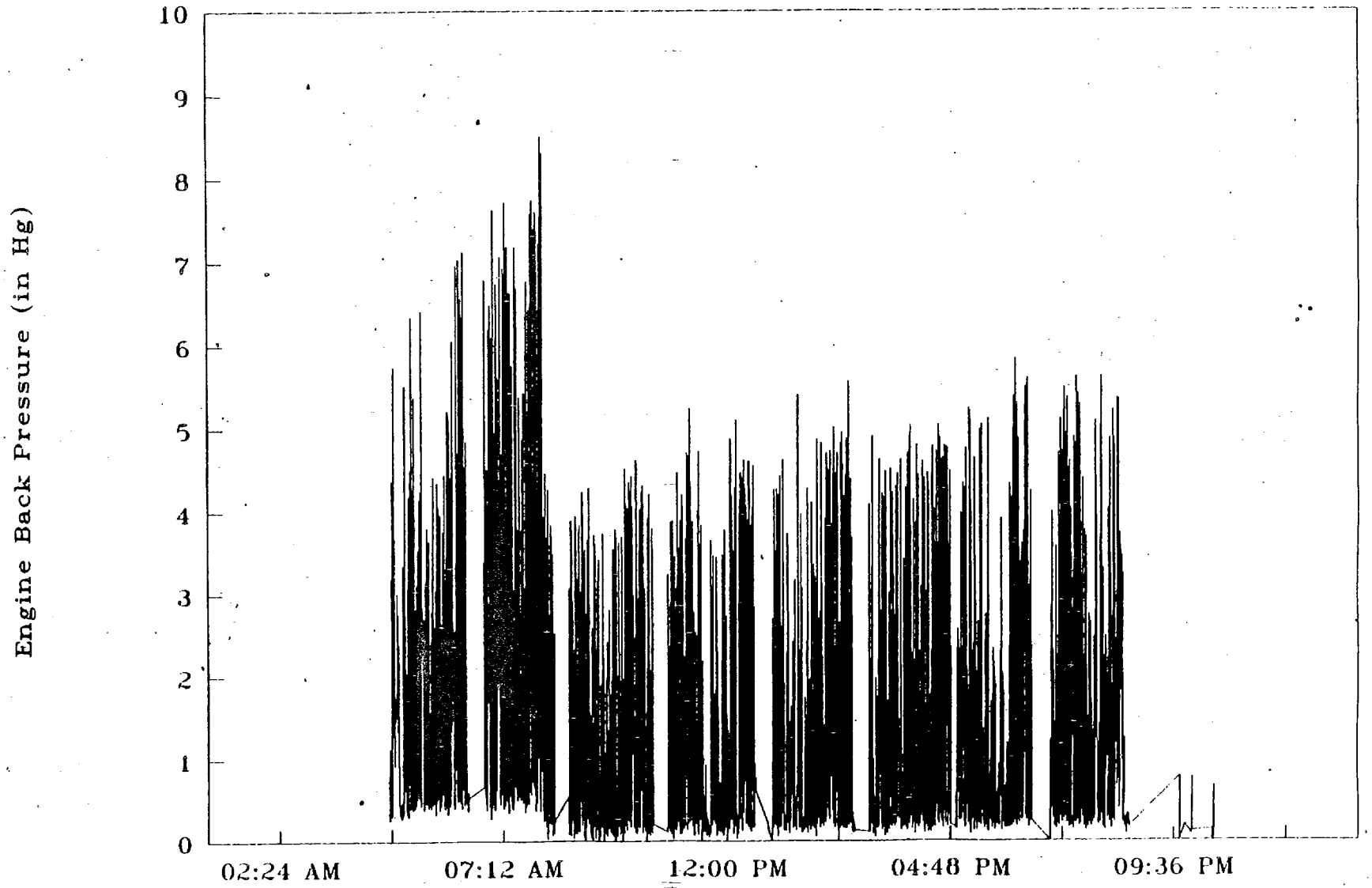


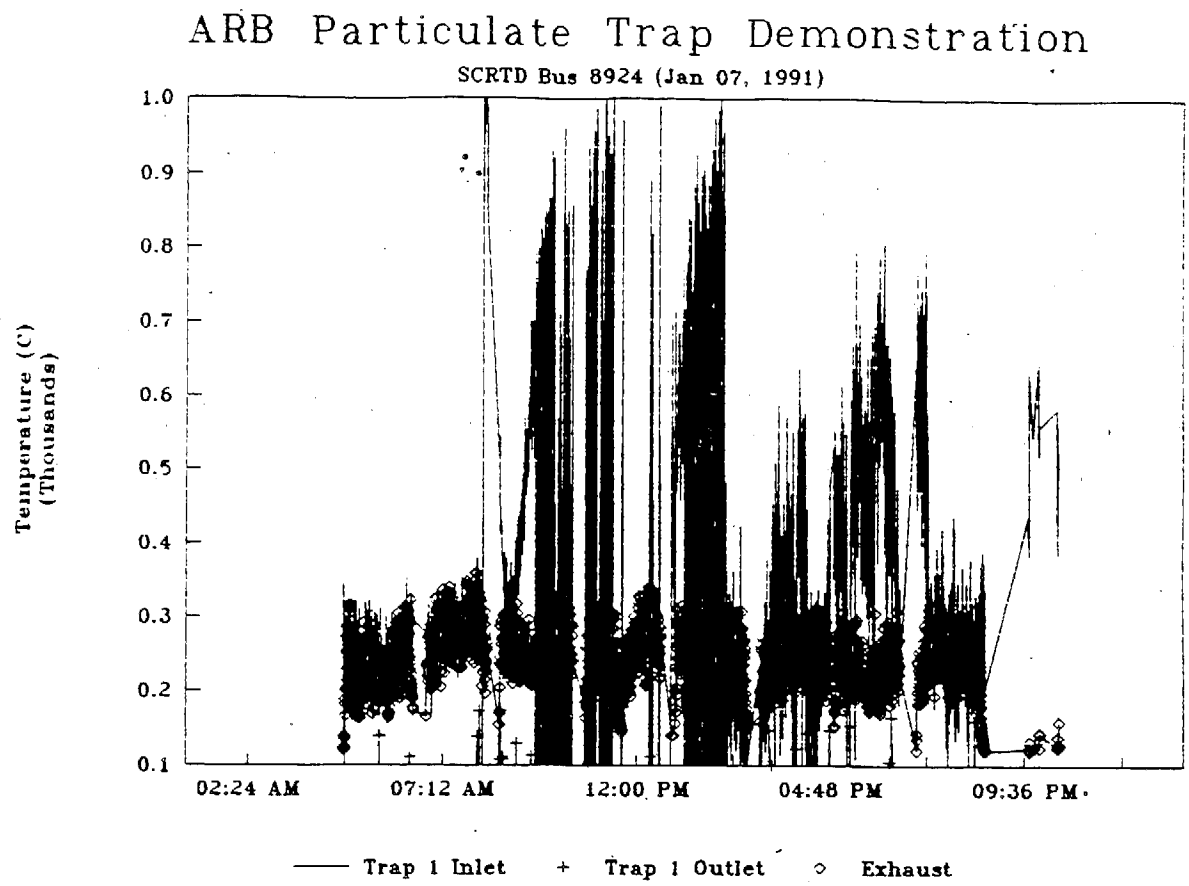

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 06, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
07:12 AM
09:36 AM
12:00 PM
02:24 PM
04:48 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

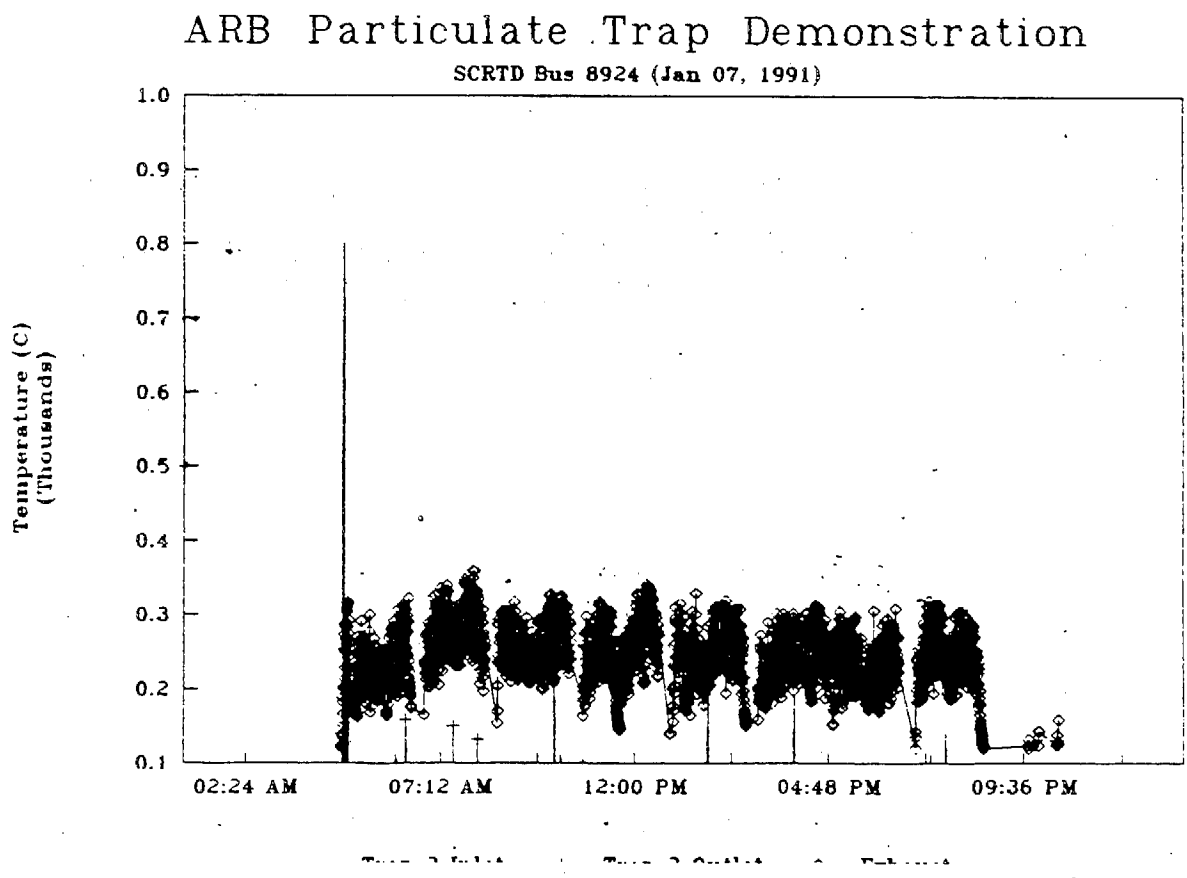

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 06, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
07:12 AM
09:36 AM
12:00 PM
02:24 PM
04:48 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

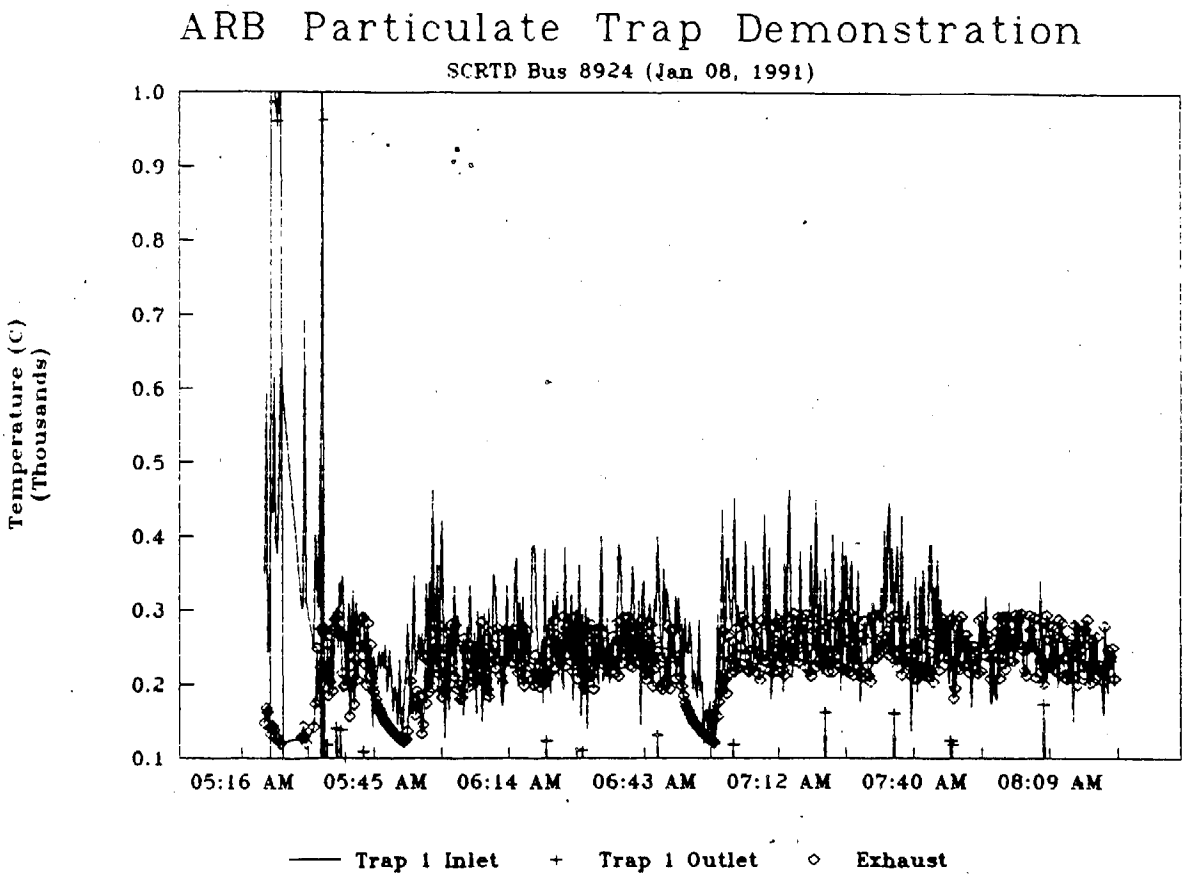
ARB Particulate Trap Demonstration

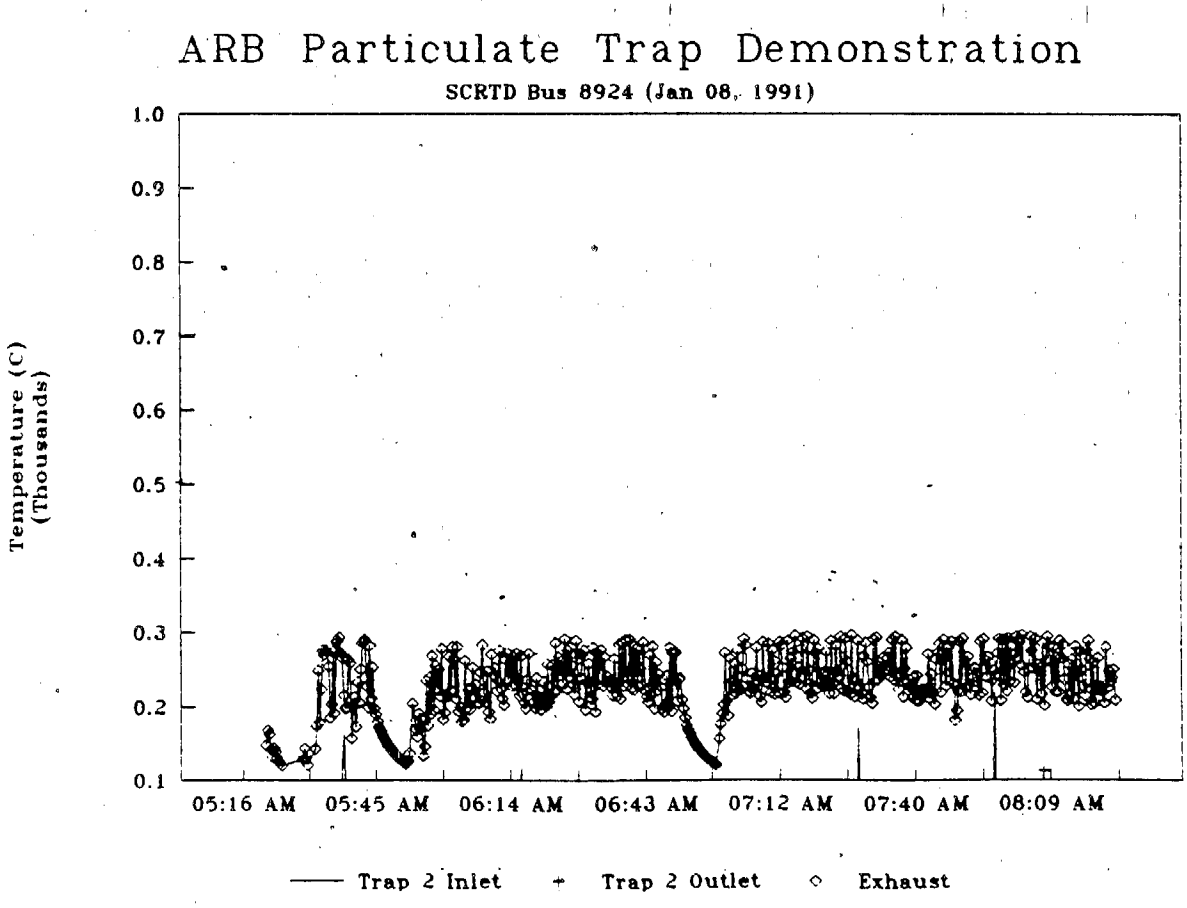
SCRTD Bus 8924 (Jan 07, 1991)




ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 07, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

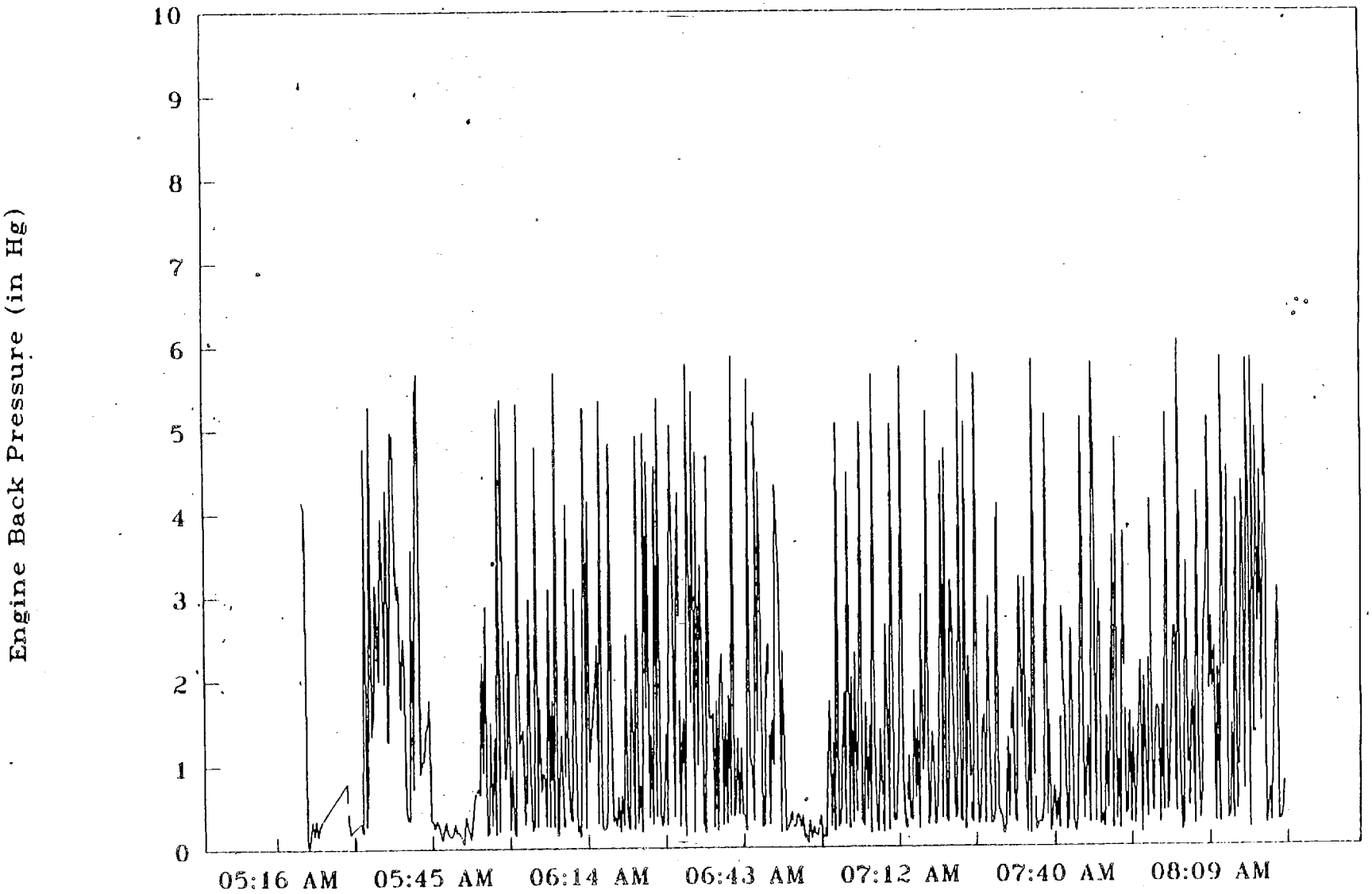

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 07, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
09:36 PM

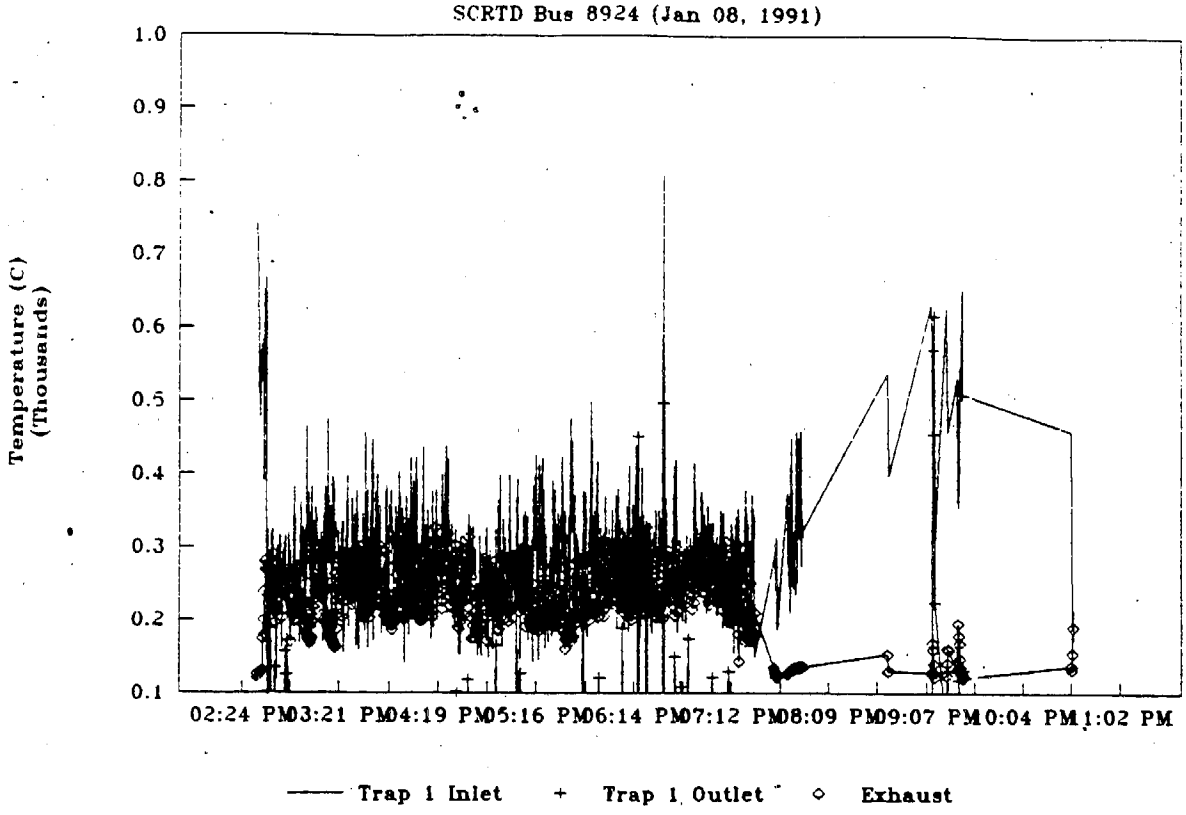

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 08, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
05:16 AM
05:45 AM
06:14 AM
06:43 AM
07:12 AM
07:40 AM
08:09 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

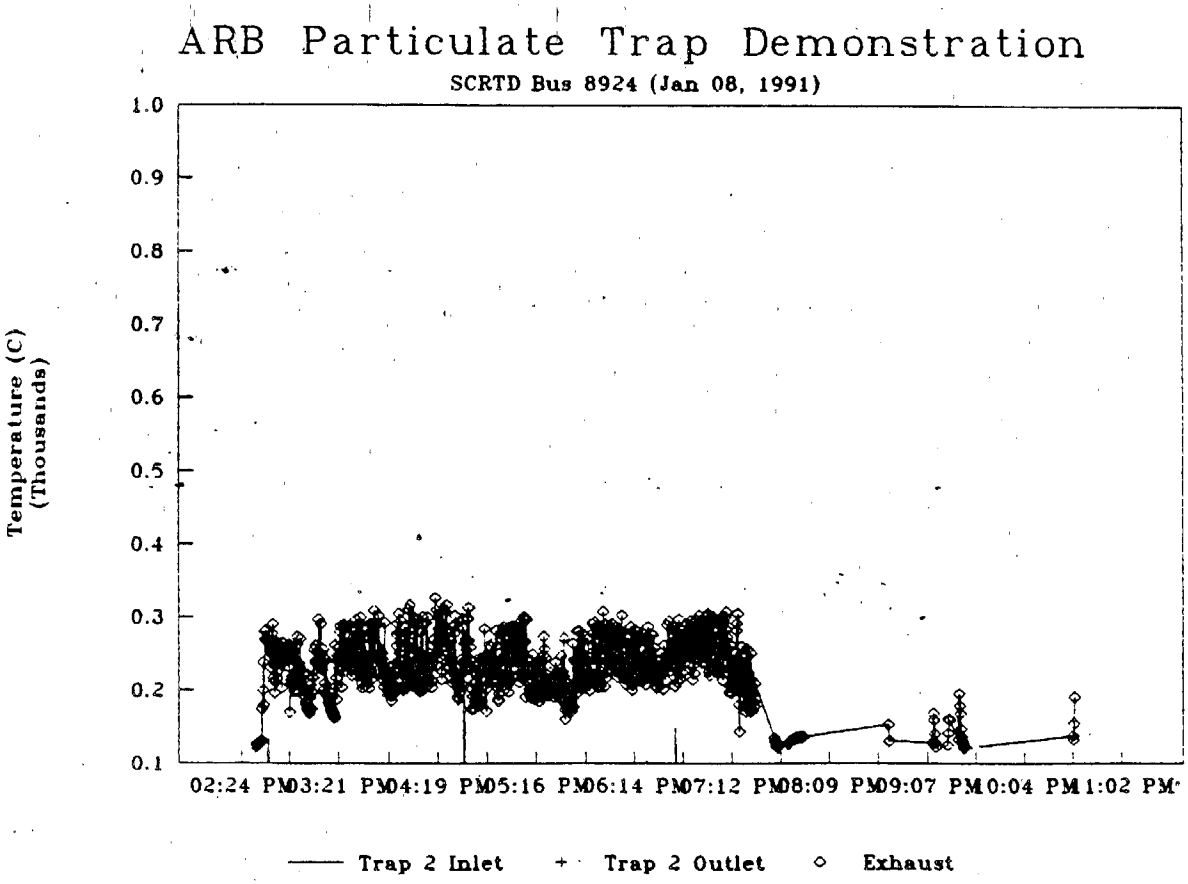

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 08, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
05:16 AM
05:45 AM
06:14 AM
06:43 AM
07:12 AM
07:40 AM
08:09 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 08, 1991)

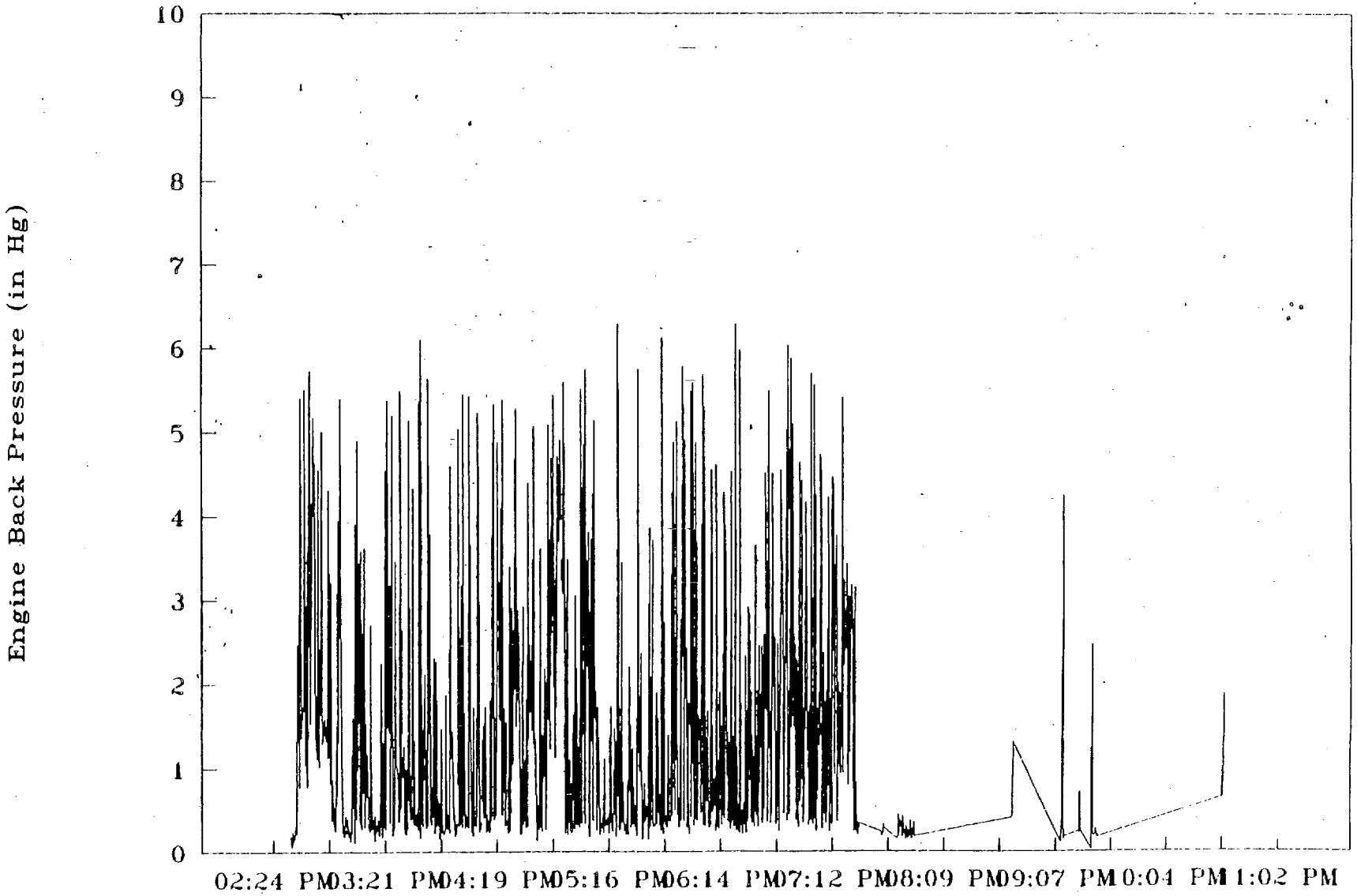



ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 08, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 PM 03:21 PM 04:19 PM 05:16 PM 06:14 PM 07:12 PM 08:09 PM 09:07 PM 10:04 PM 11:02 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 08, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 PM 03:21 PM 04:19 PM 05:16 PM 06:14 PM 07:12 PM 08:09 PM 09:07 PM 10:04 PM 11:02 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

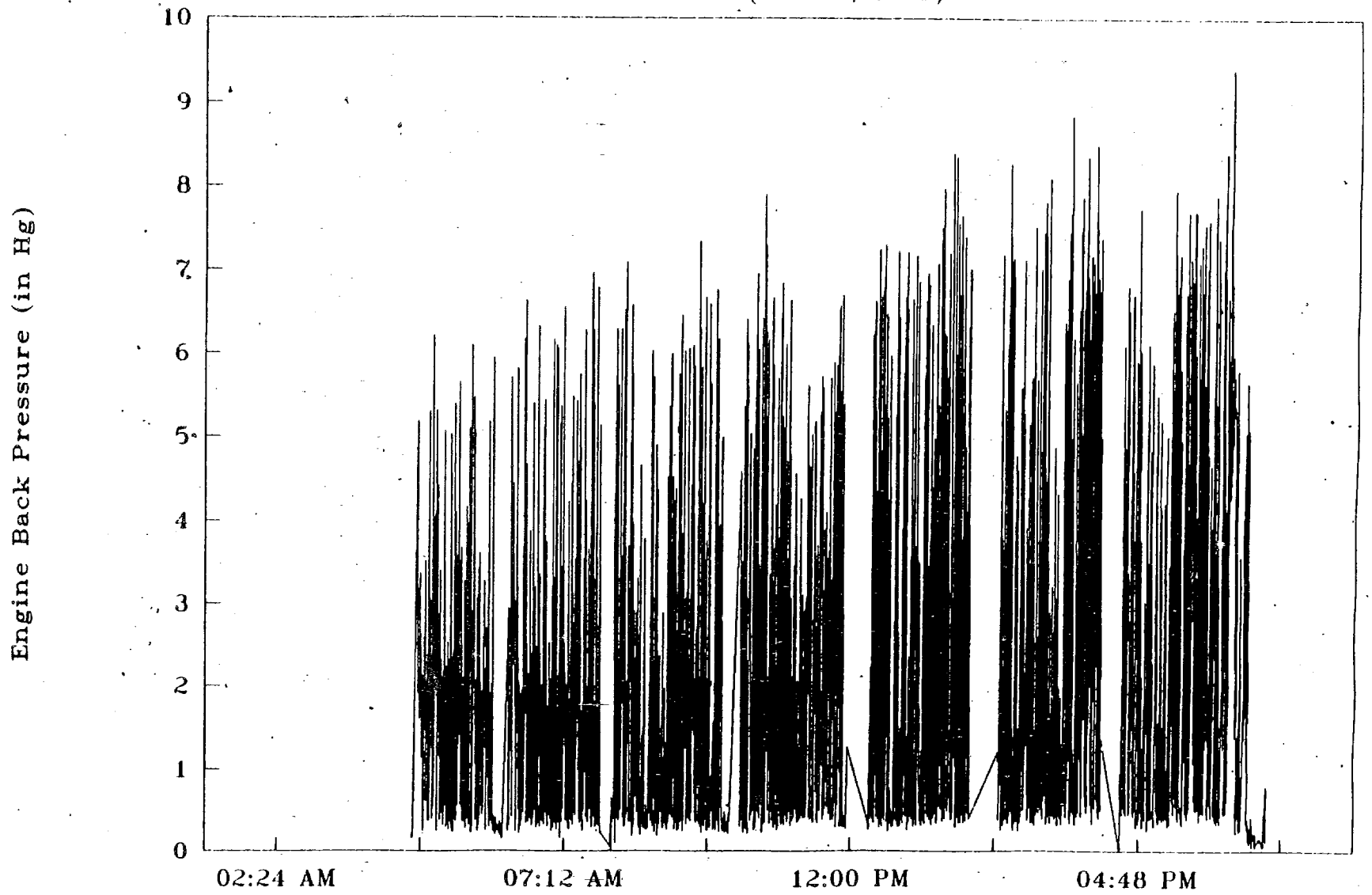
ARB Particulate Trap Demonstration

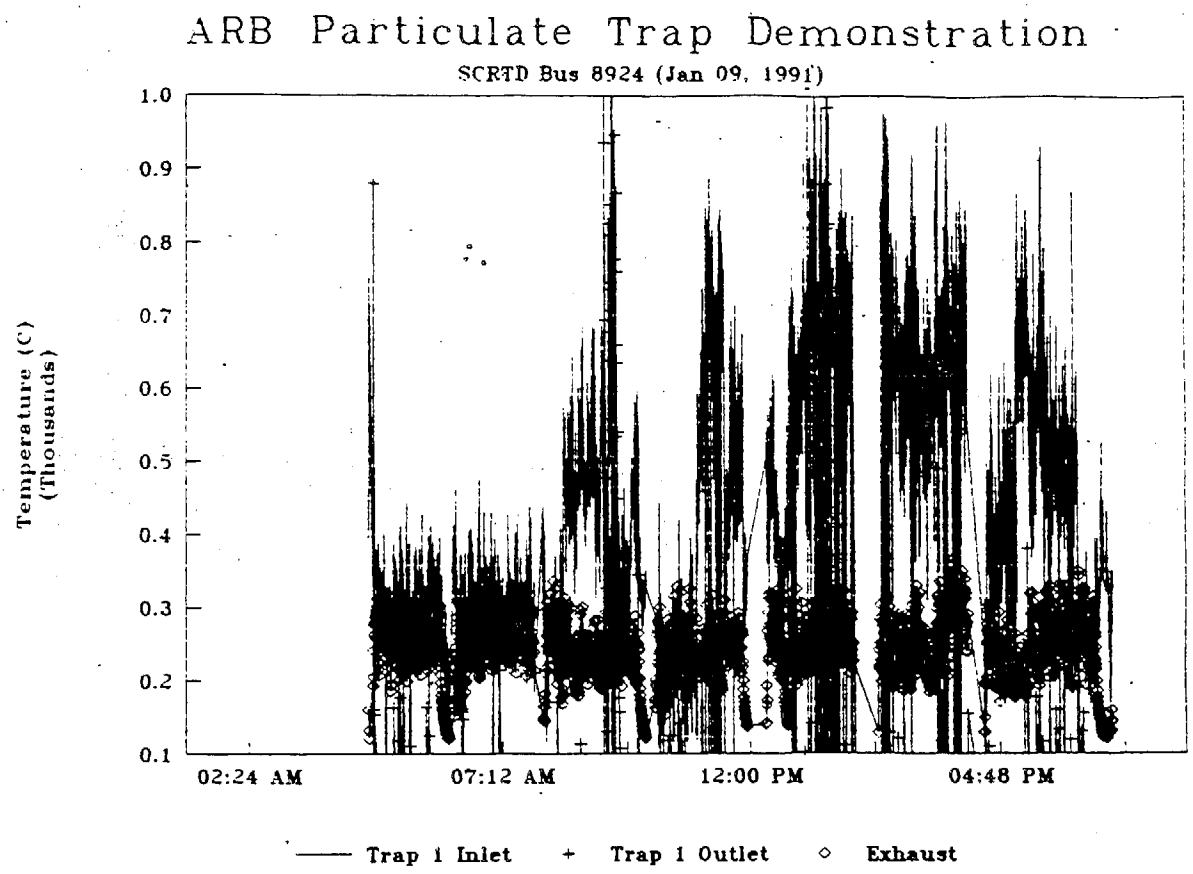
SCRTD Bus 8924 (Jan 08, 1991)

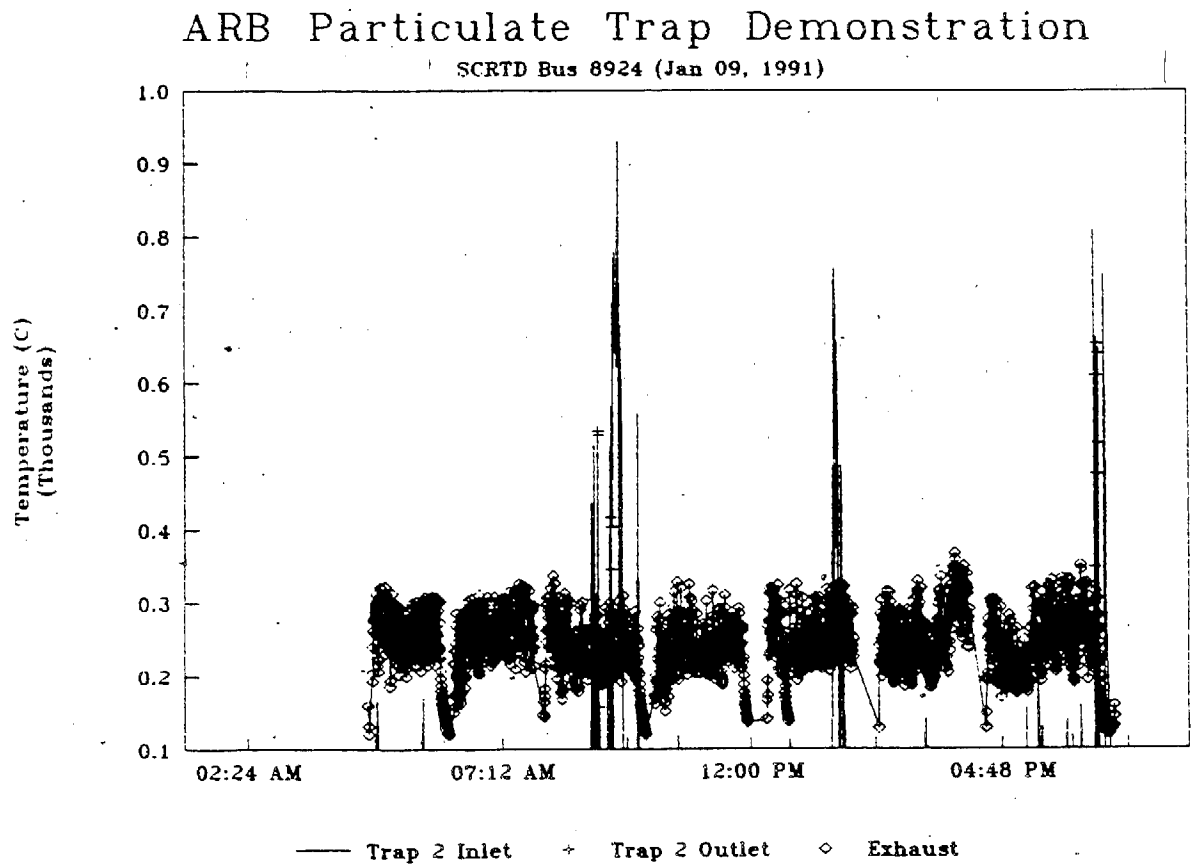


ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 09, 1991)

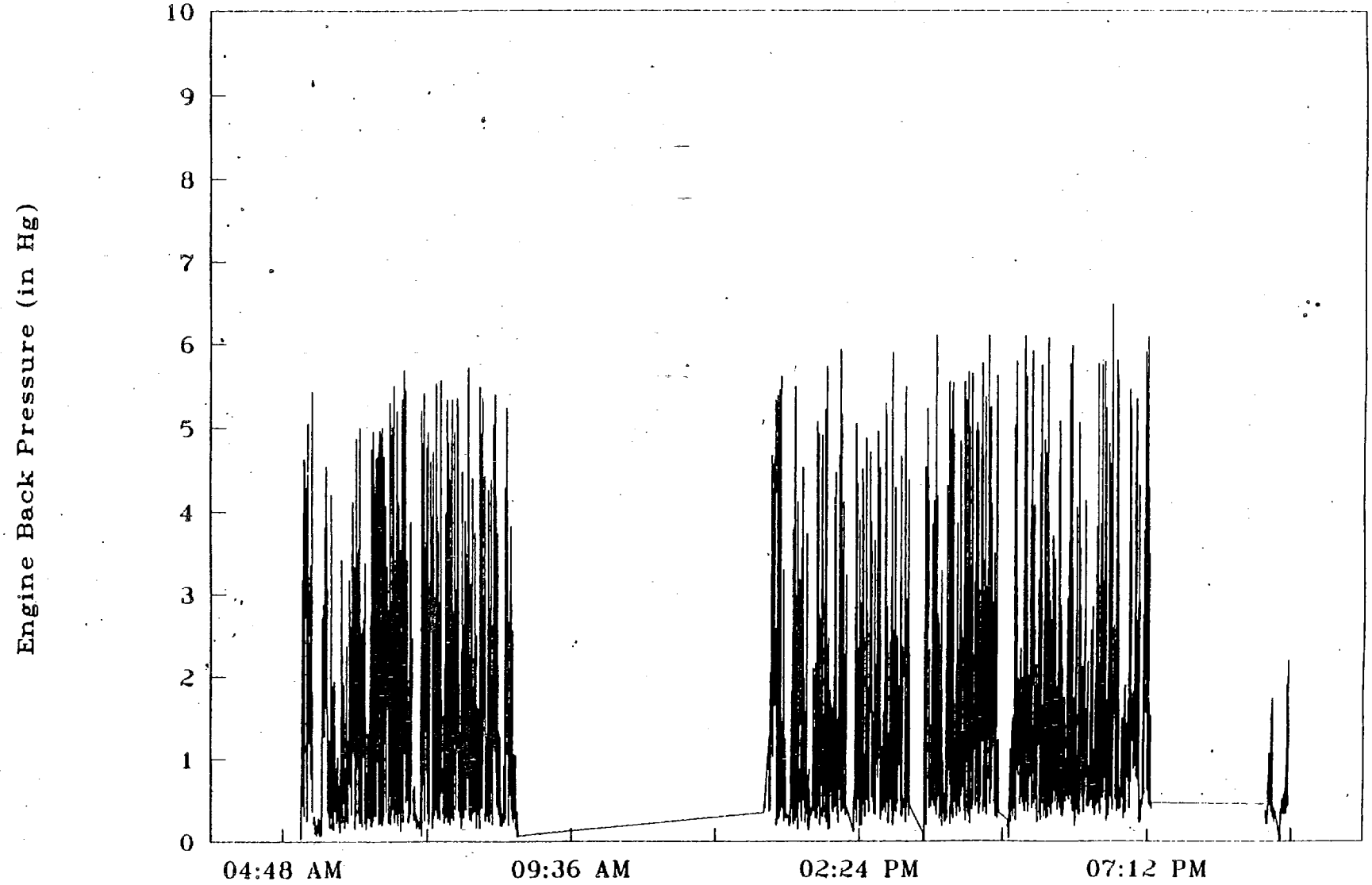


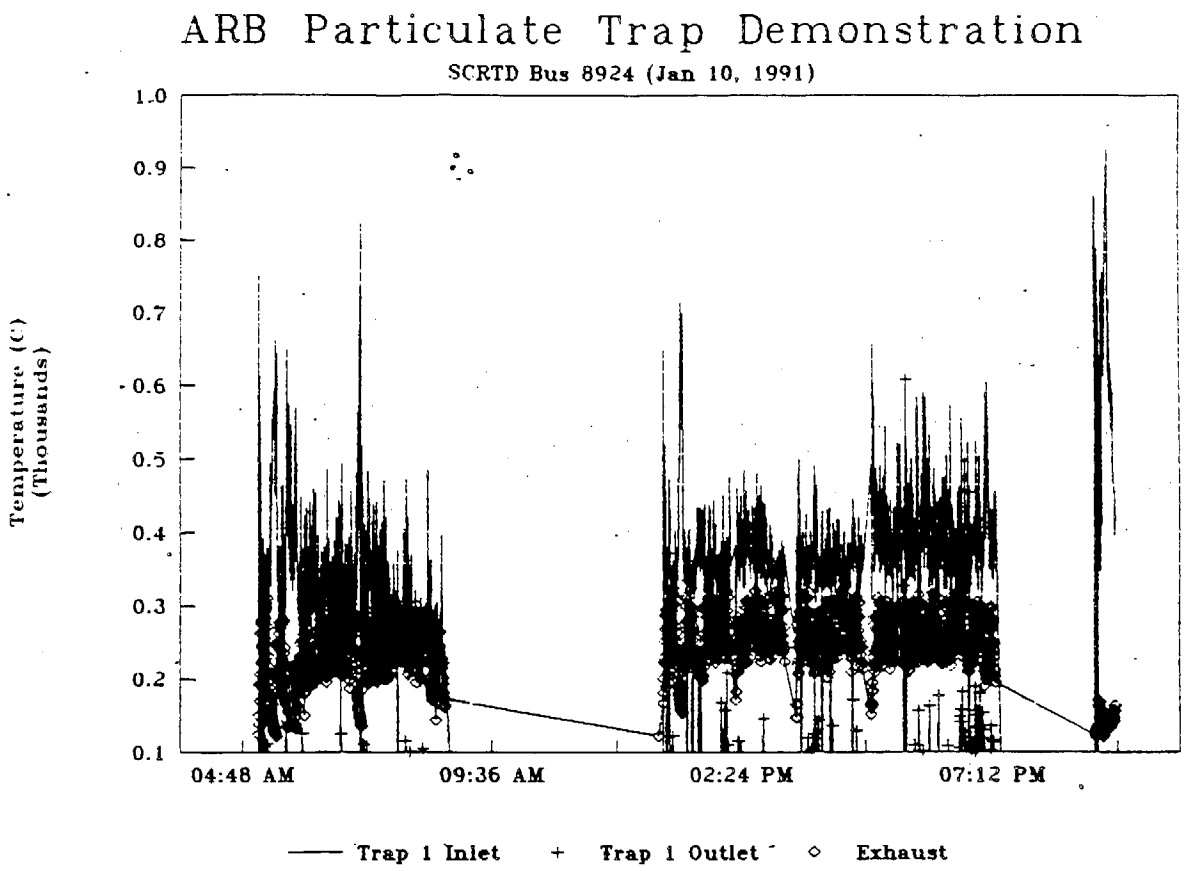

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 09, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

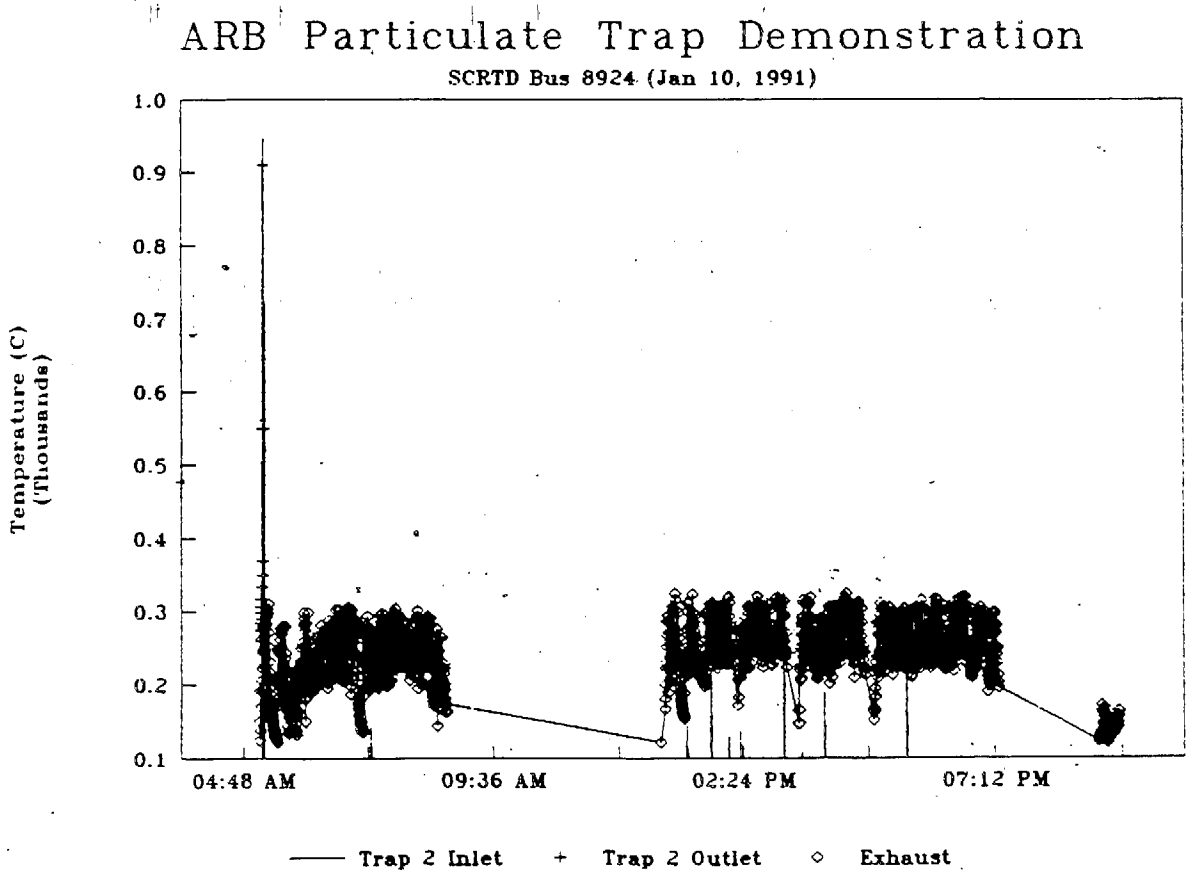

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 09, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 10, 1991)

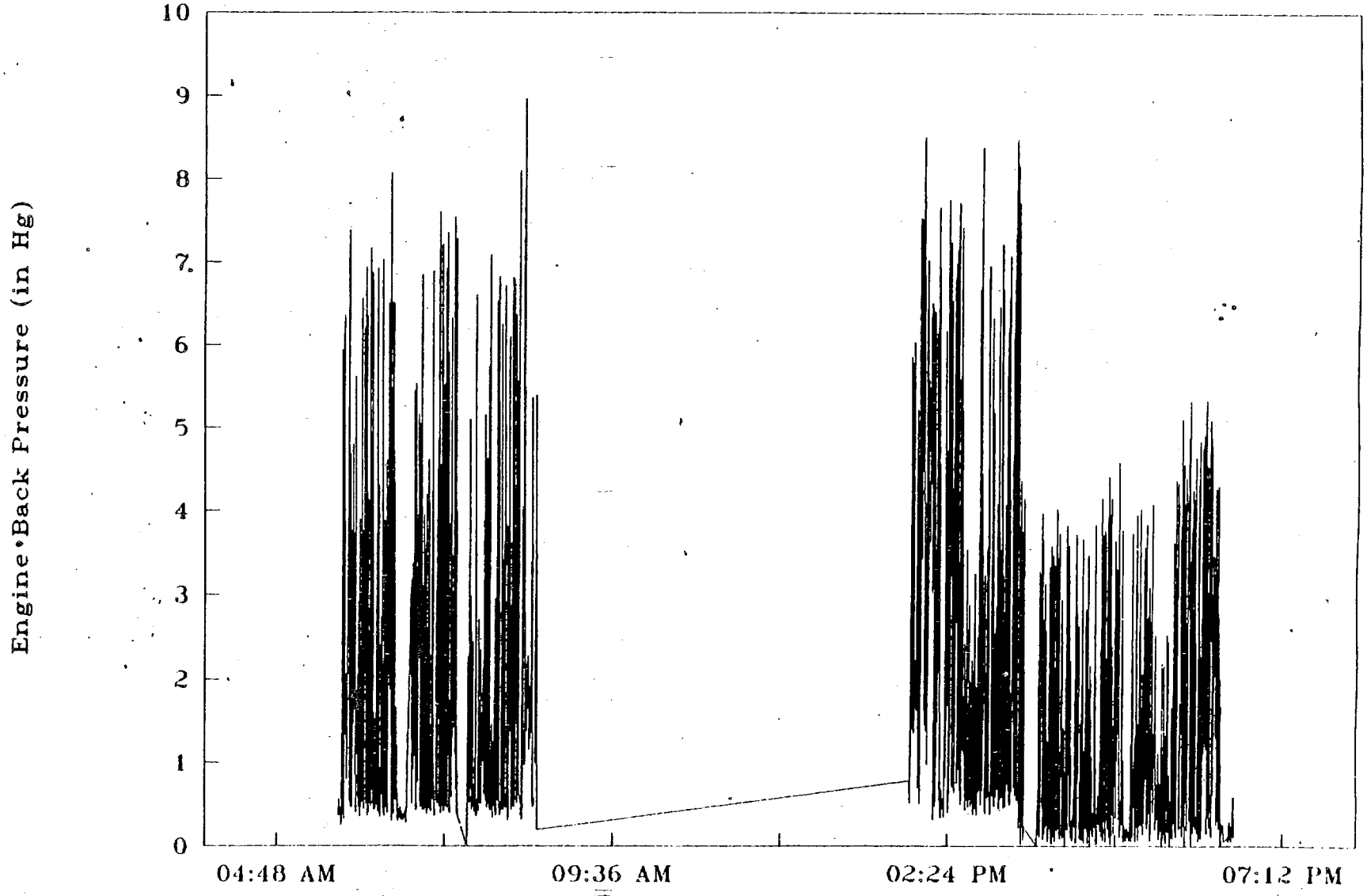



ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 10, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 10, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

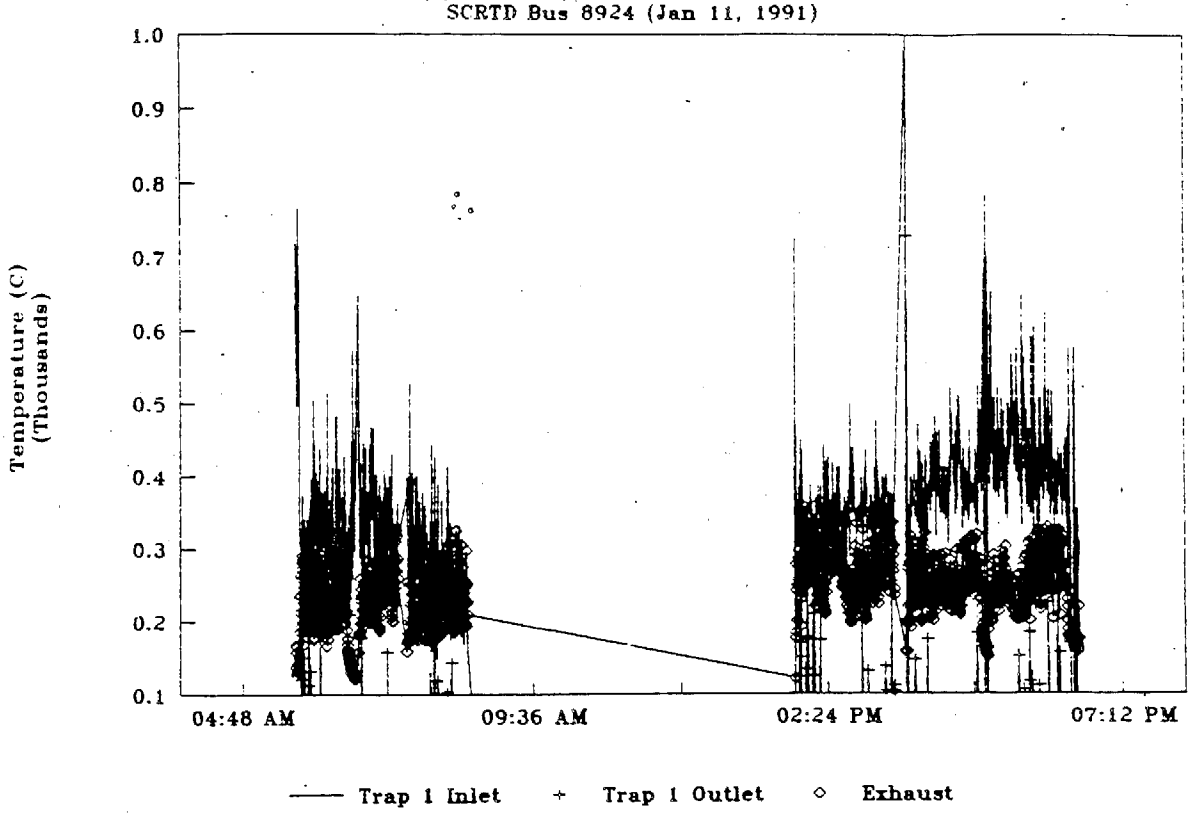
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 11, 1991)



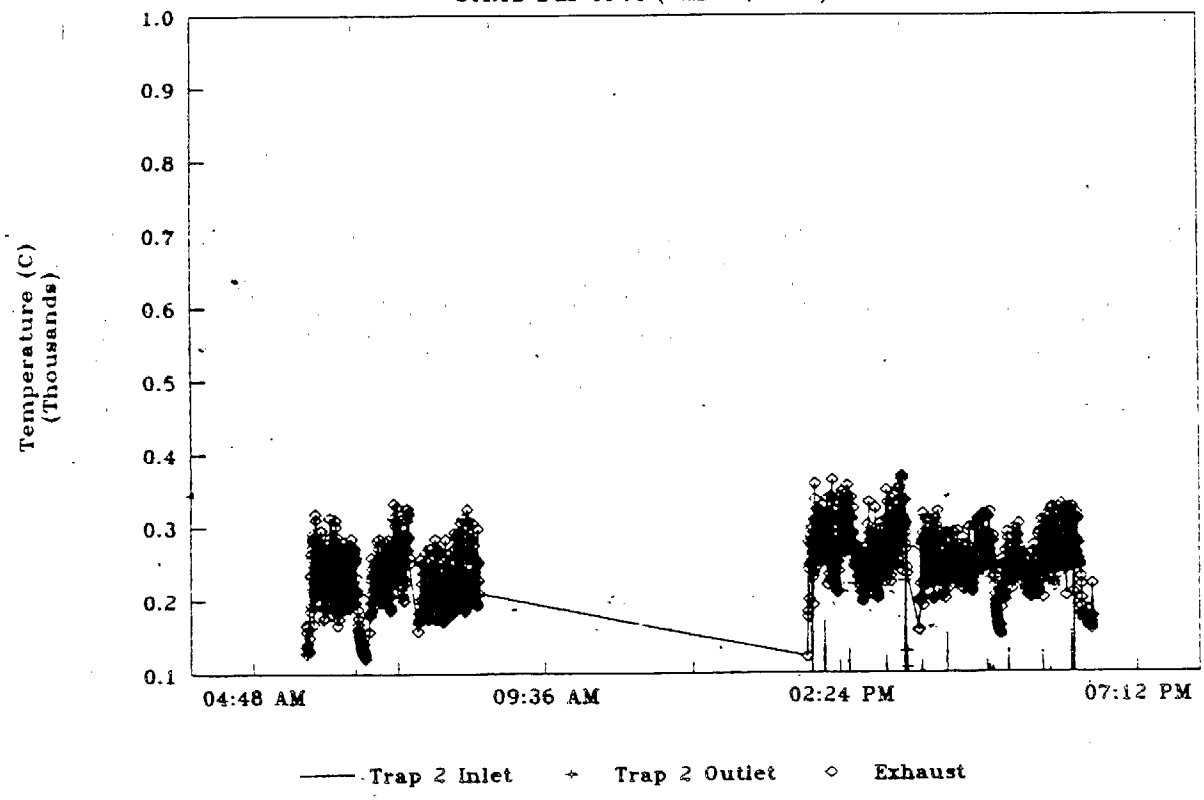
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 11, 1991)



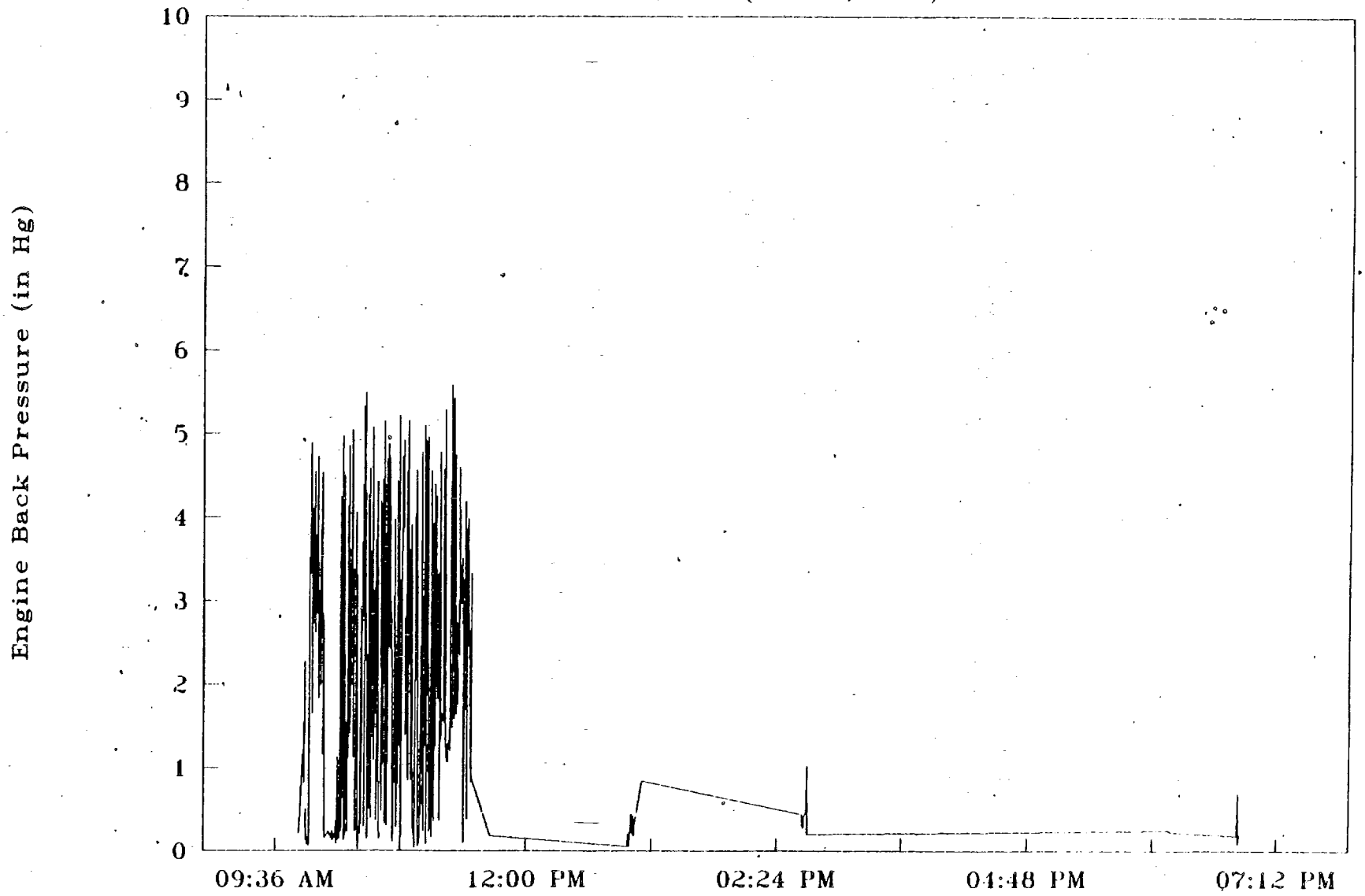
ARB Particulate Trap Demonstration

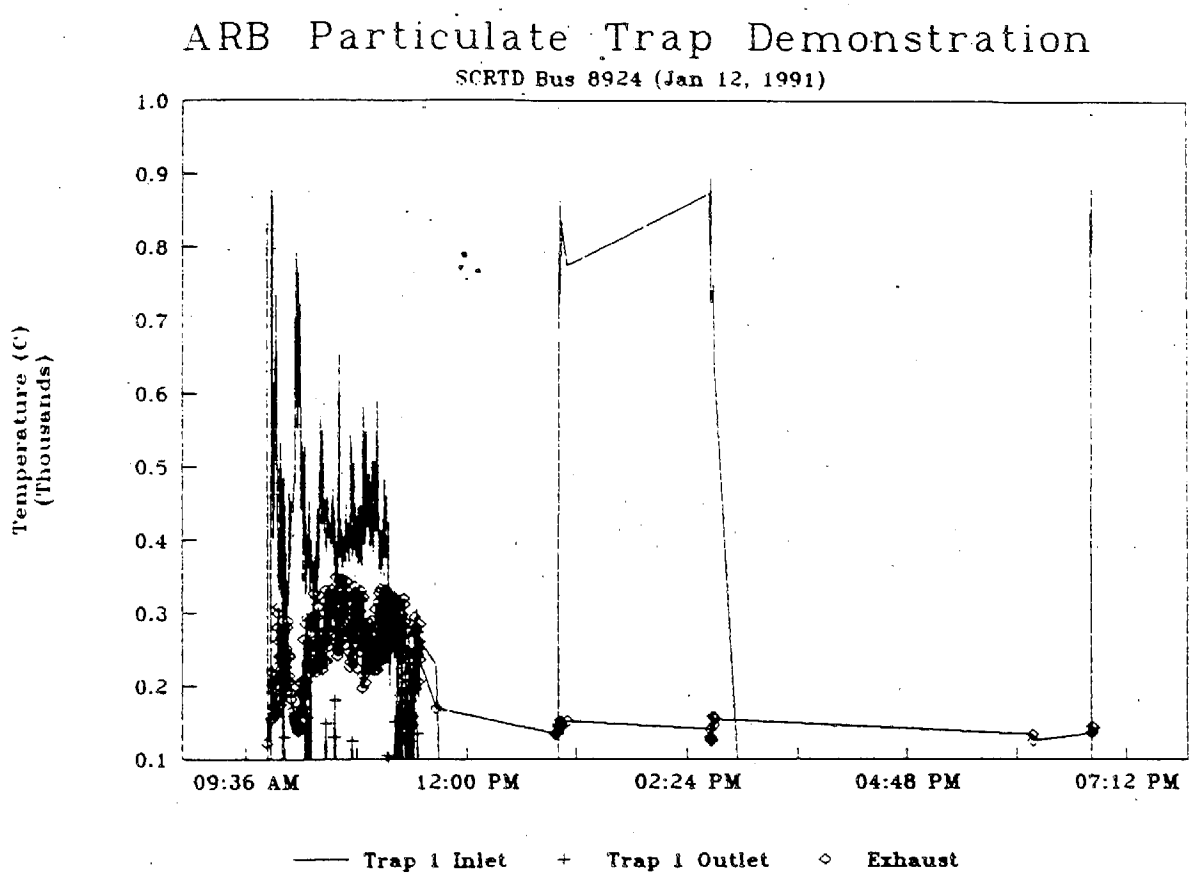
SCRTD Bus 8924 (Jan 11, 1991)

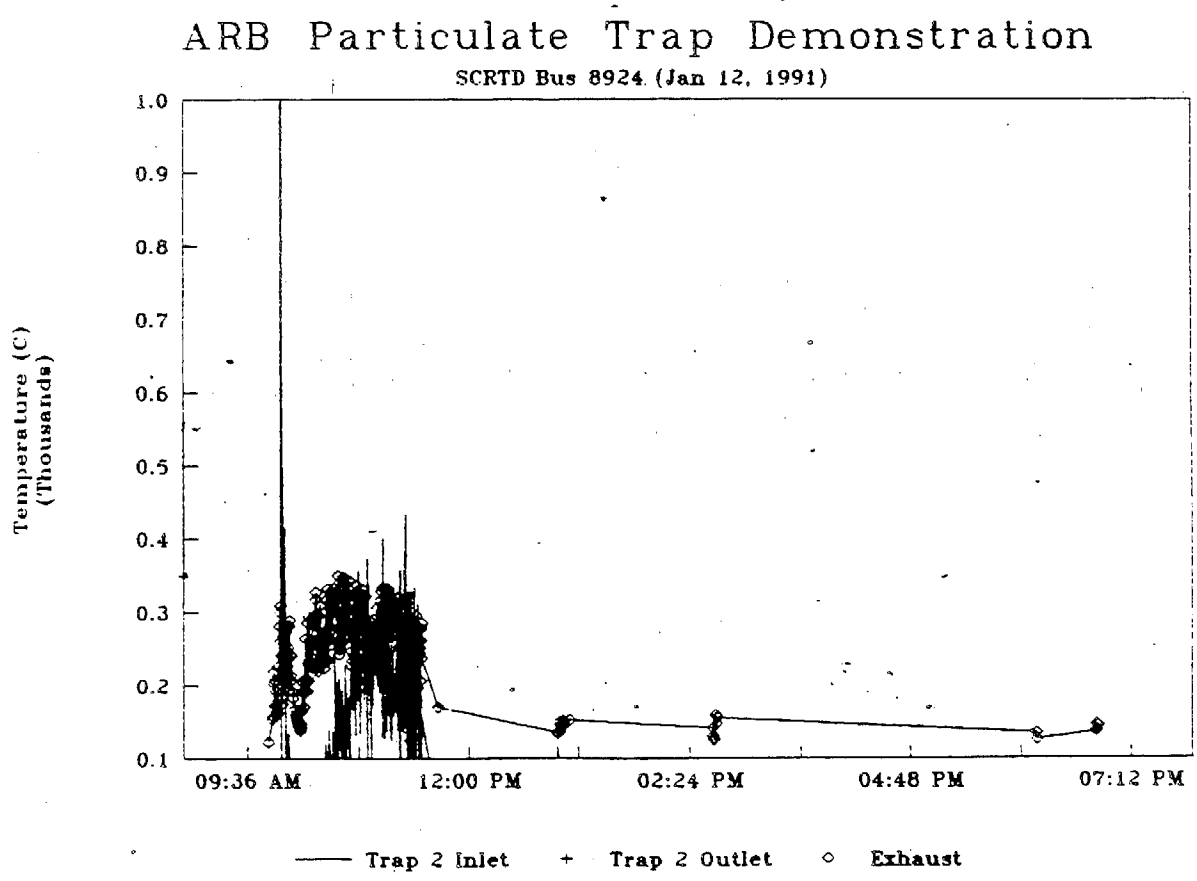


ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 12, 1991)

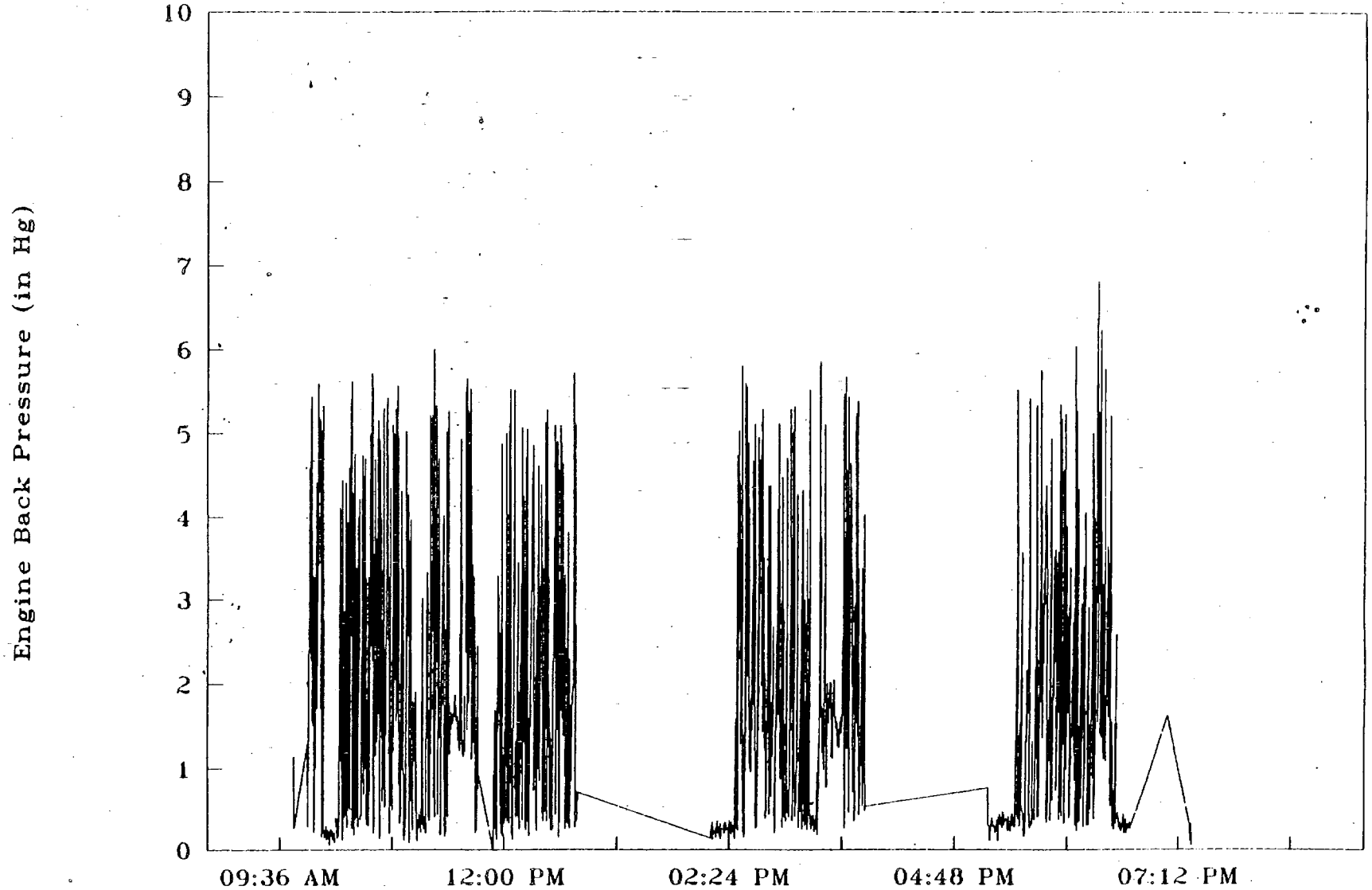


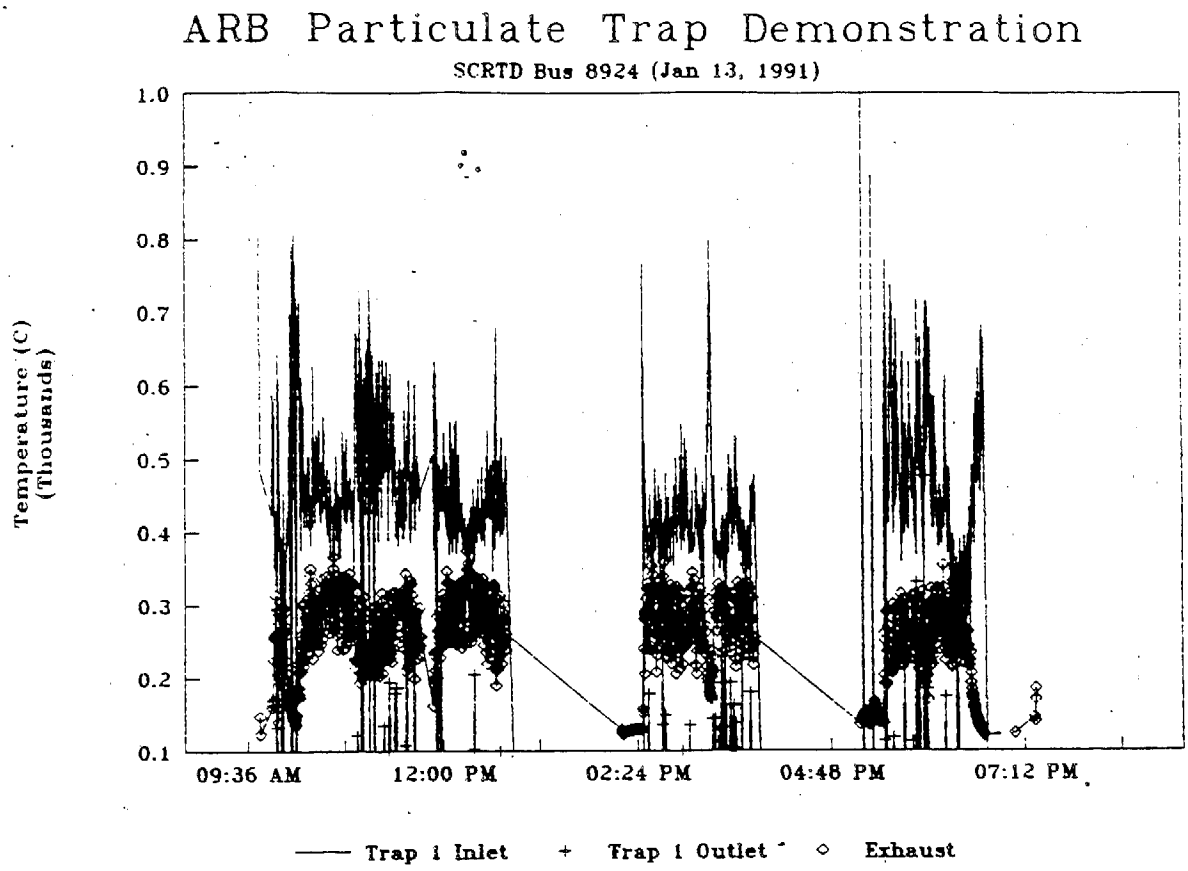

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 12, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
09:36 AM
12:00 PM
02:24 PM
04:48 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

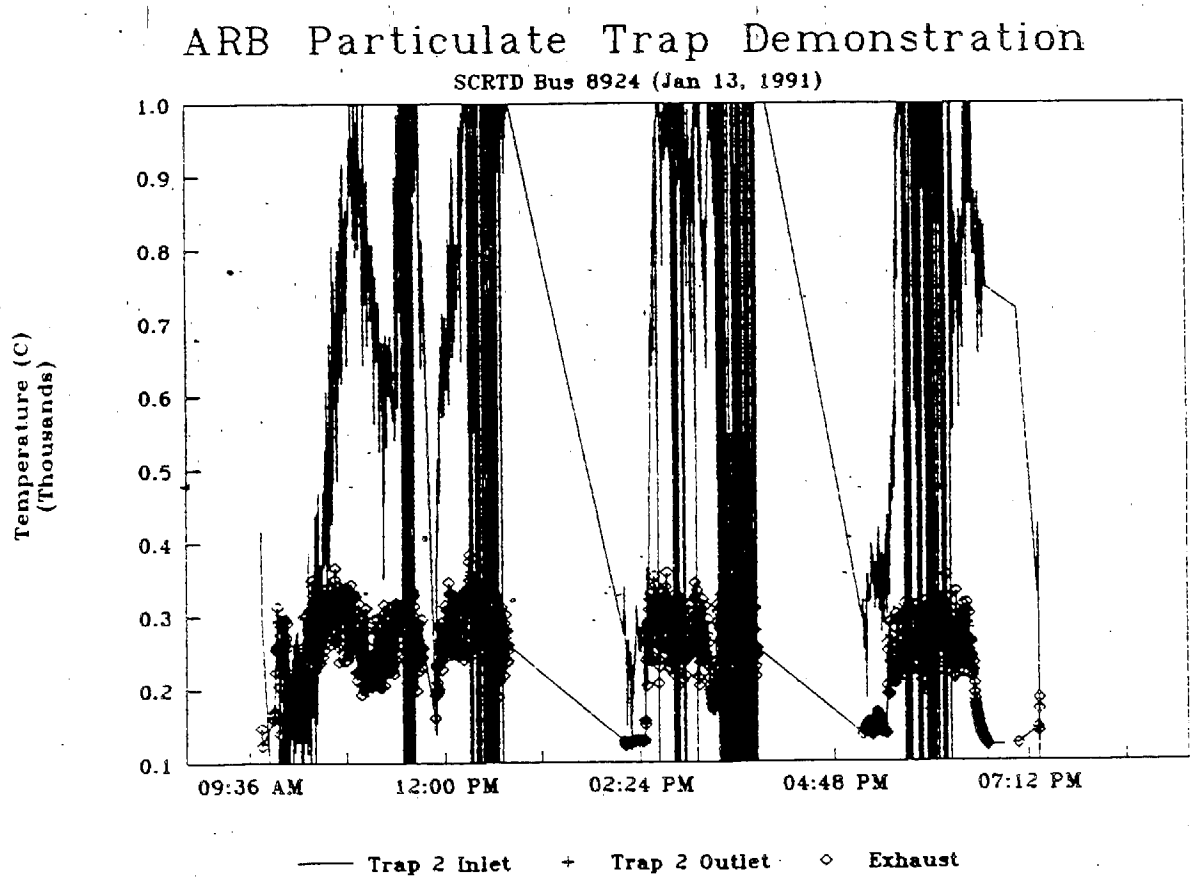

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 12, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
09:36 AM
12:00 PM
02:24 PM
04:48 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 13, 1991)

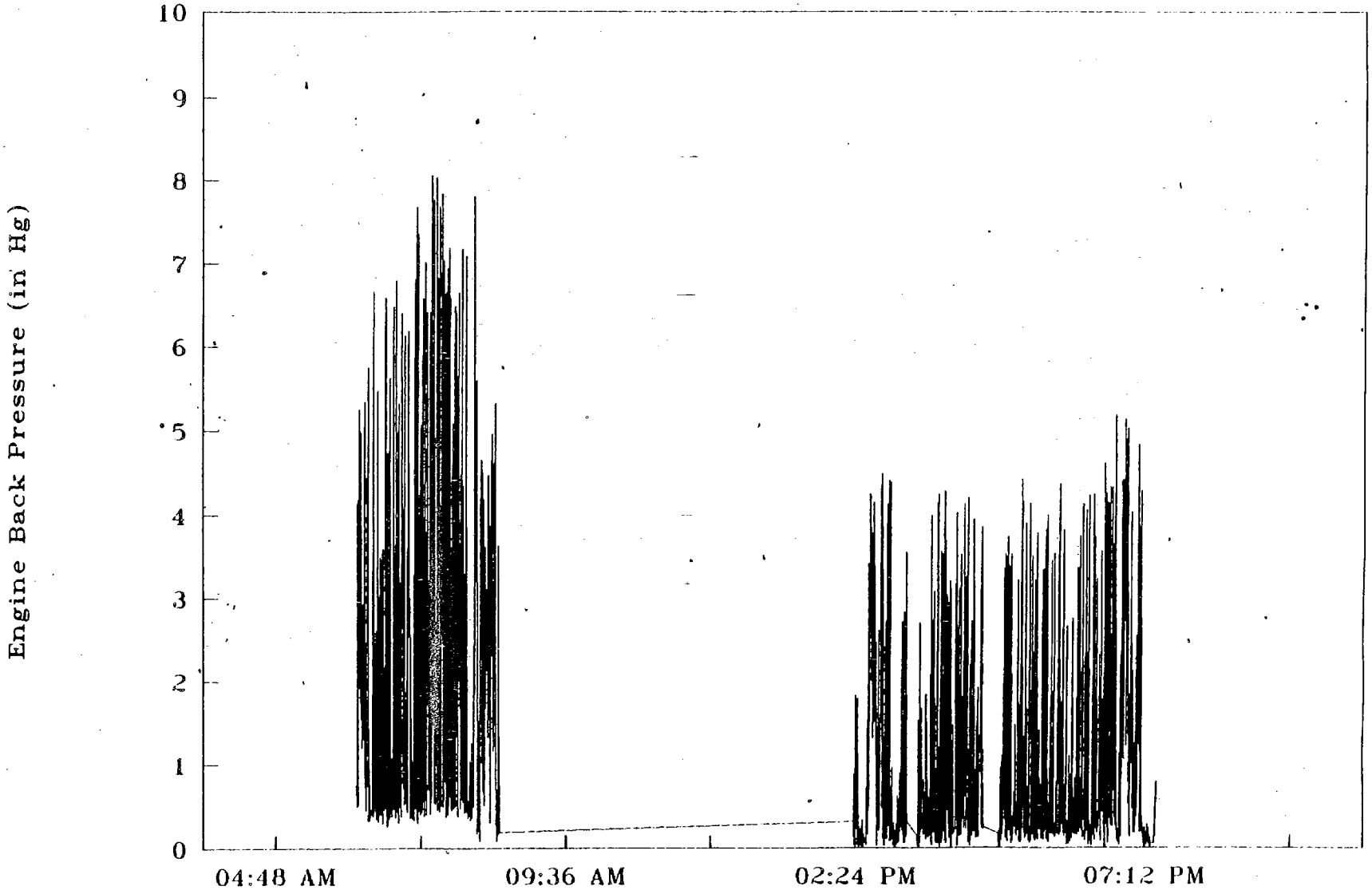



ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 13, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
09:36 AM
12:00 PM
02:24 PM
04:48 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 13, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
09:36 AM
12:00 PM
02:24 PM
04:48 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

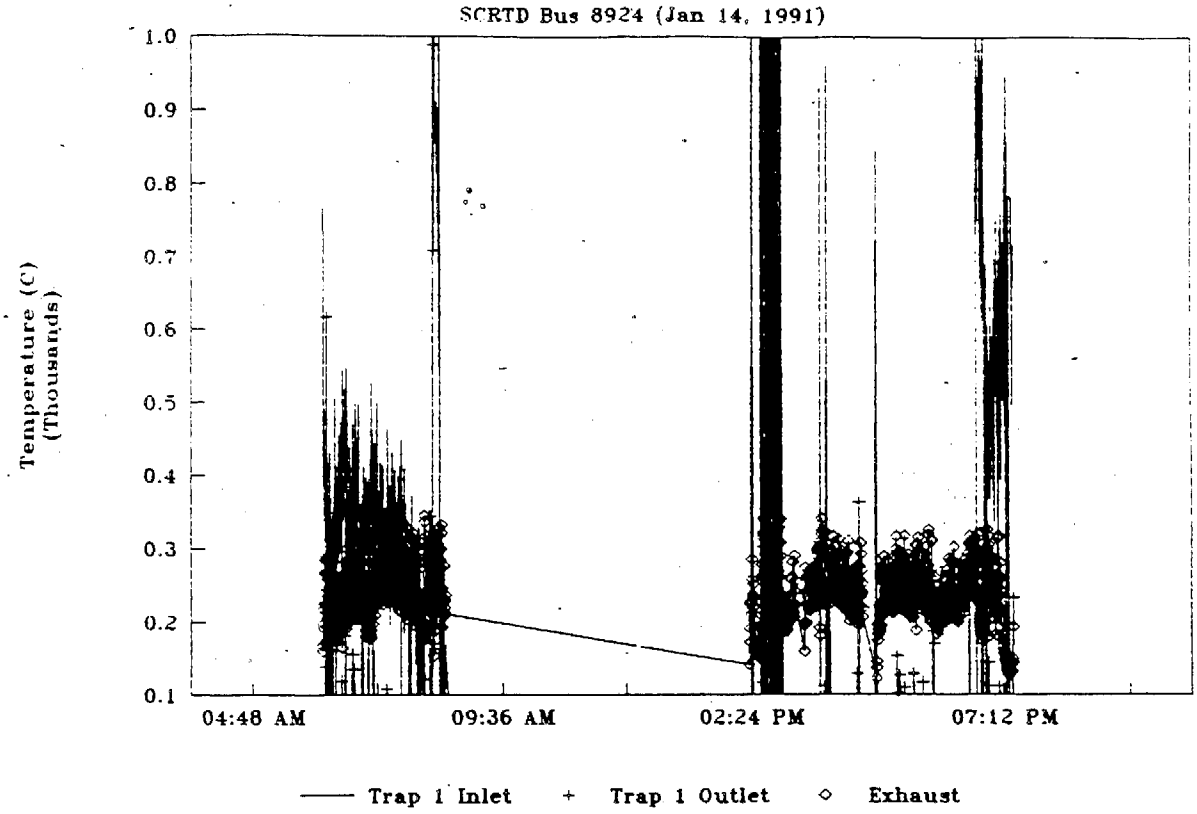
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 14, 1991)



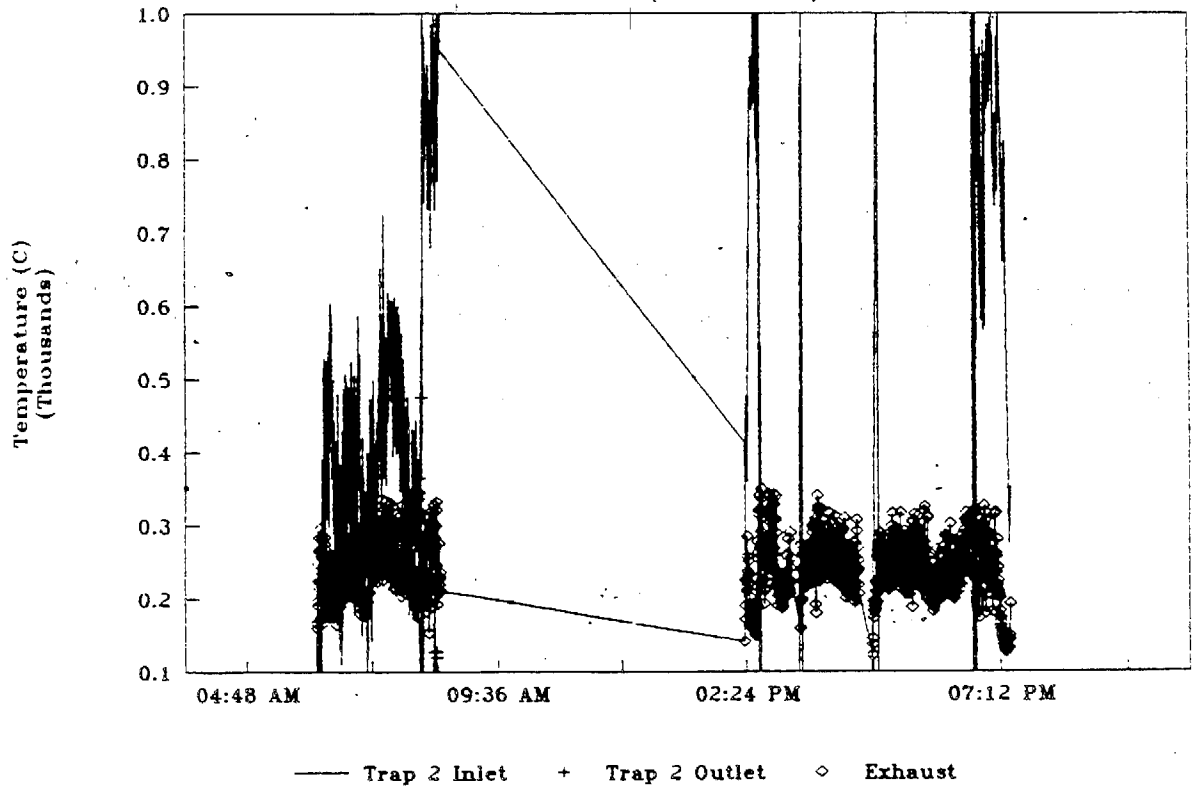
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 14, 1991)



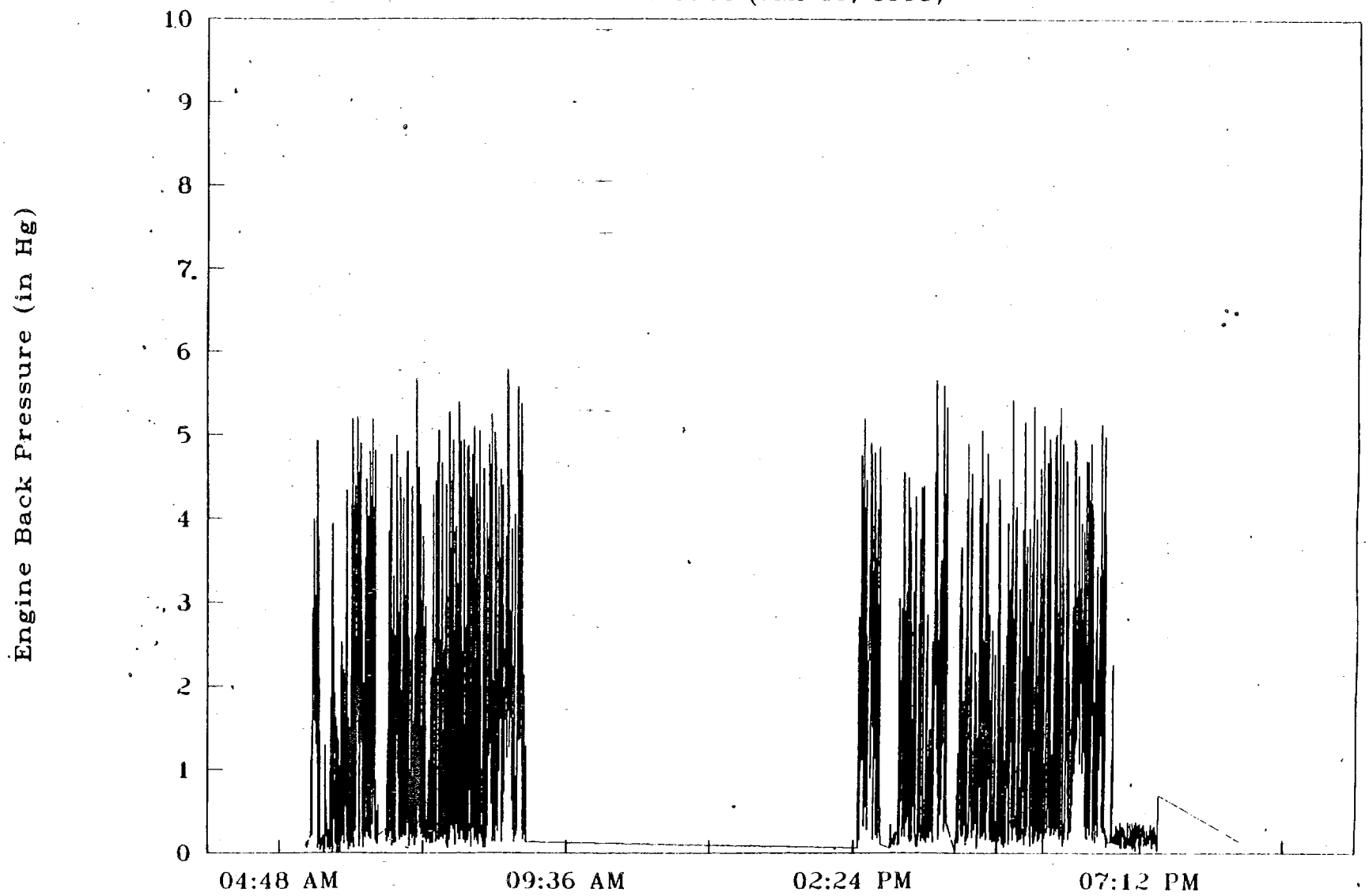
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 14, 1991)



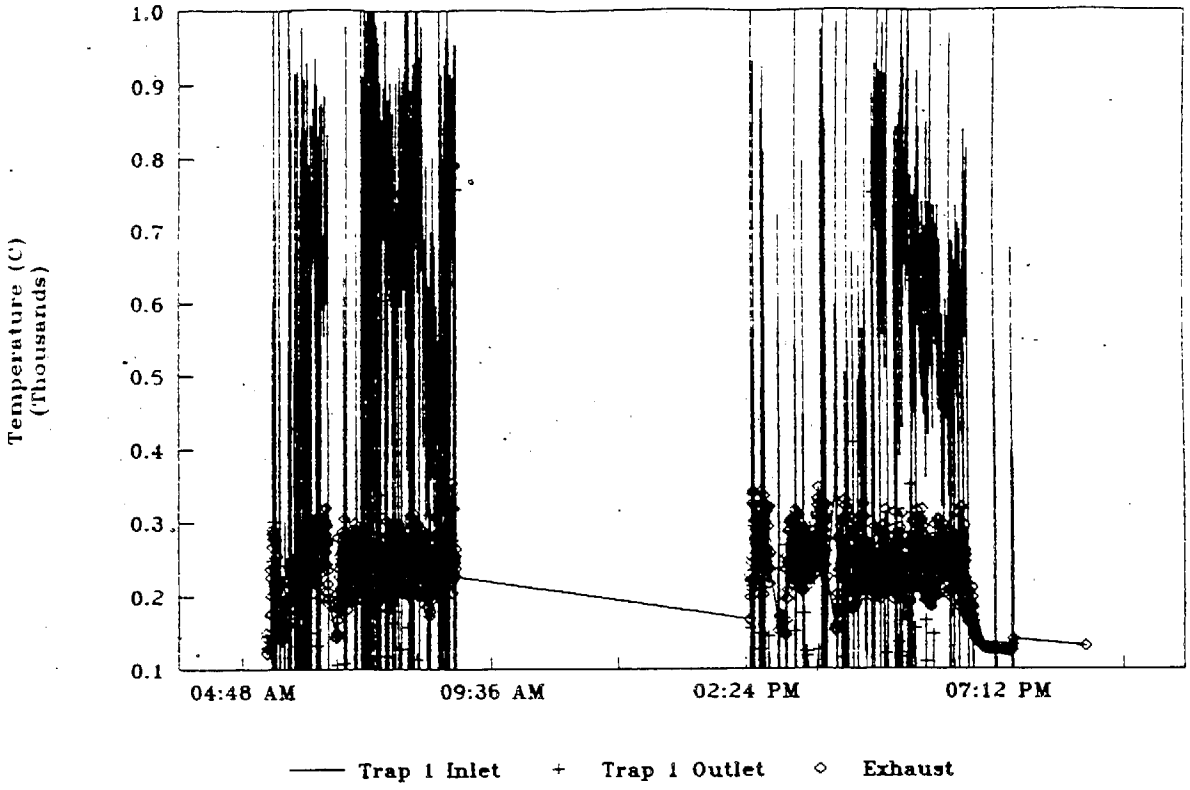
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 15, 1991)



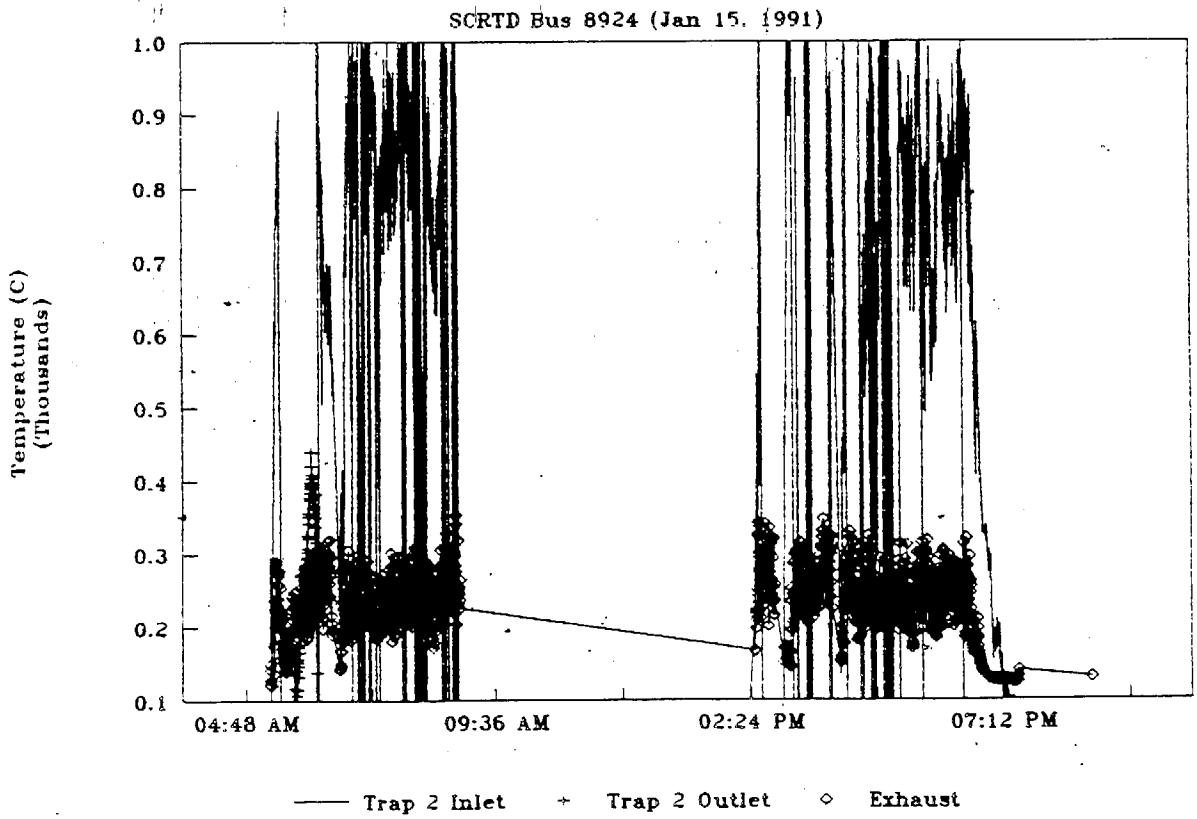
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 15, 1991)



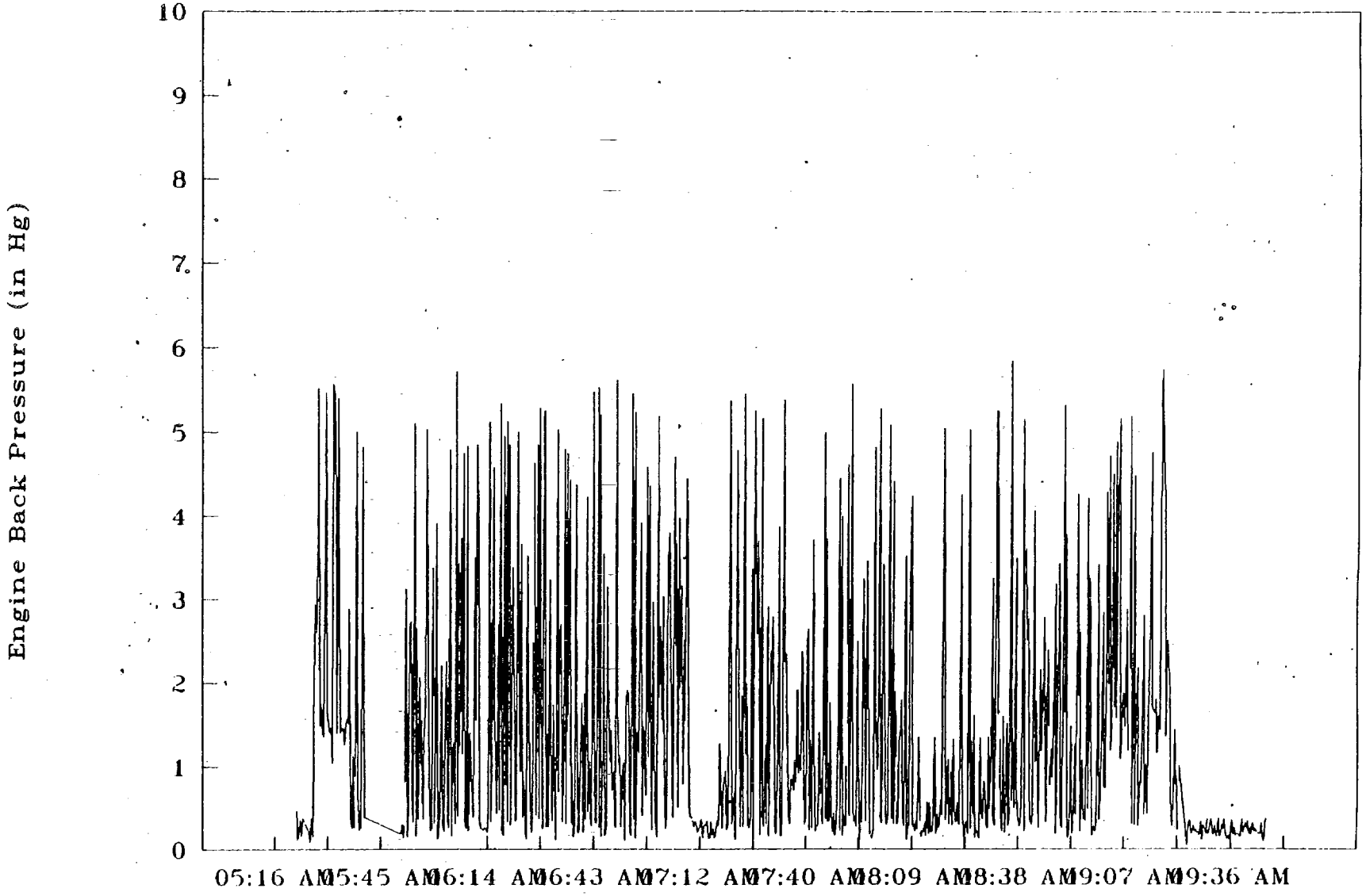
ARB Particulate Trap Demonstration

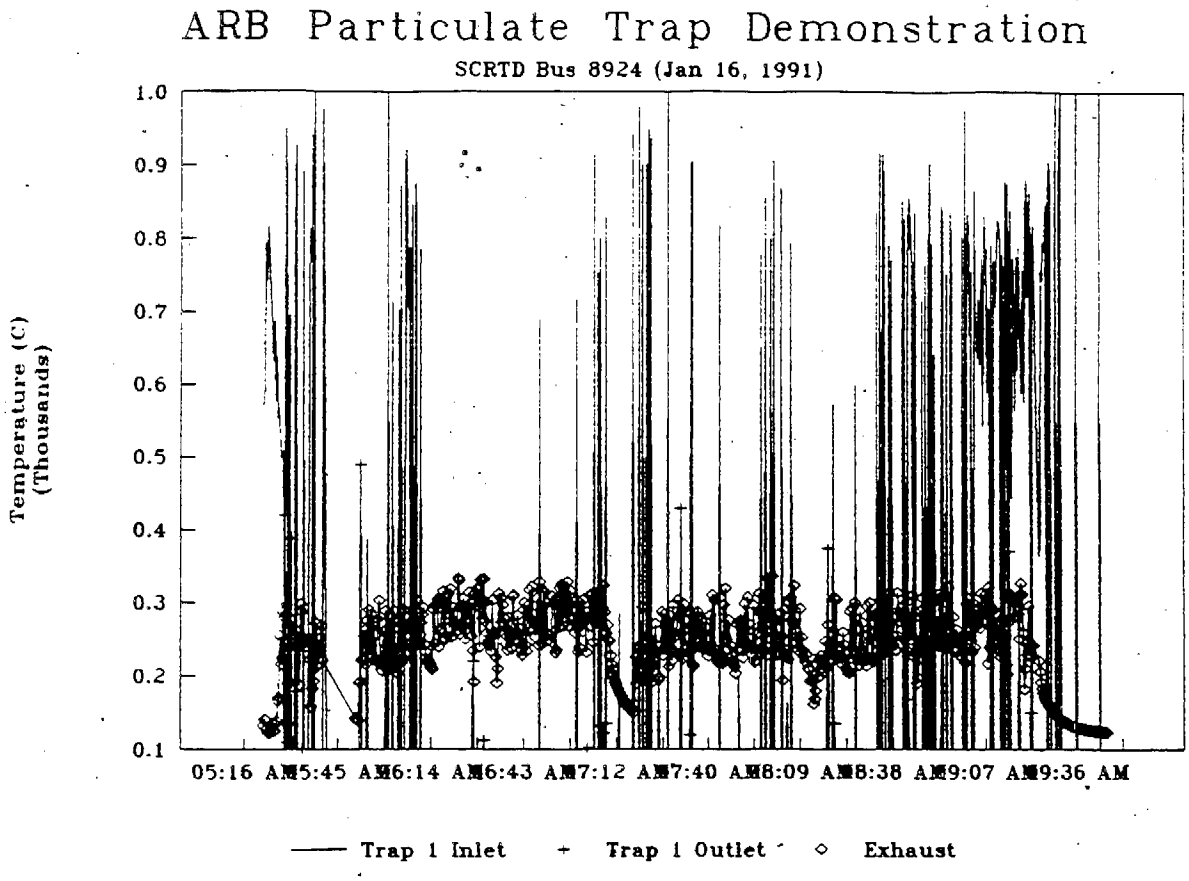
SCRTD Bus 8924 (Jan 15, 1991)

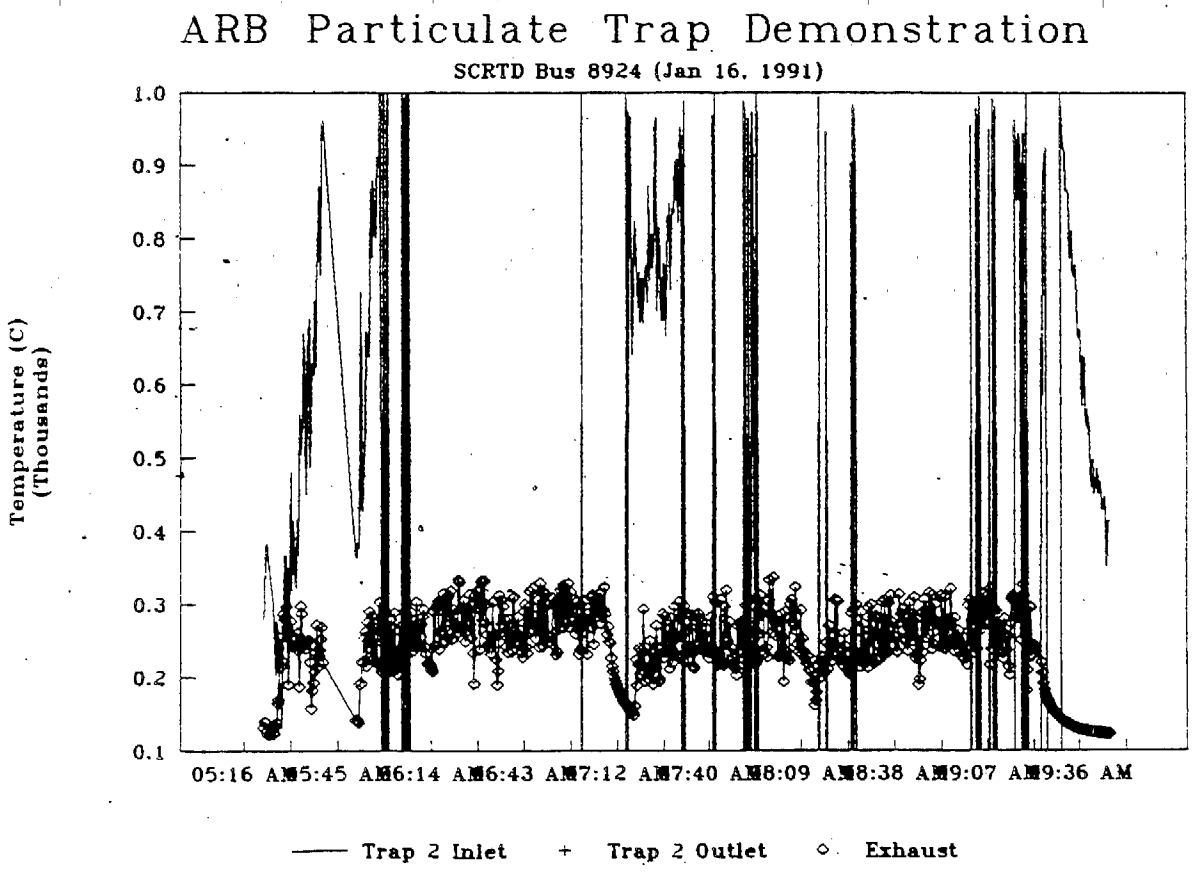


ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 16, 1991)

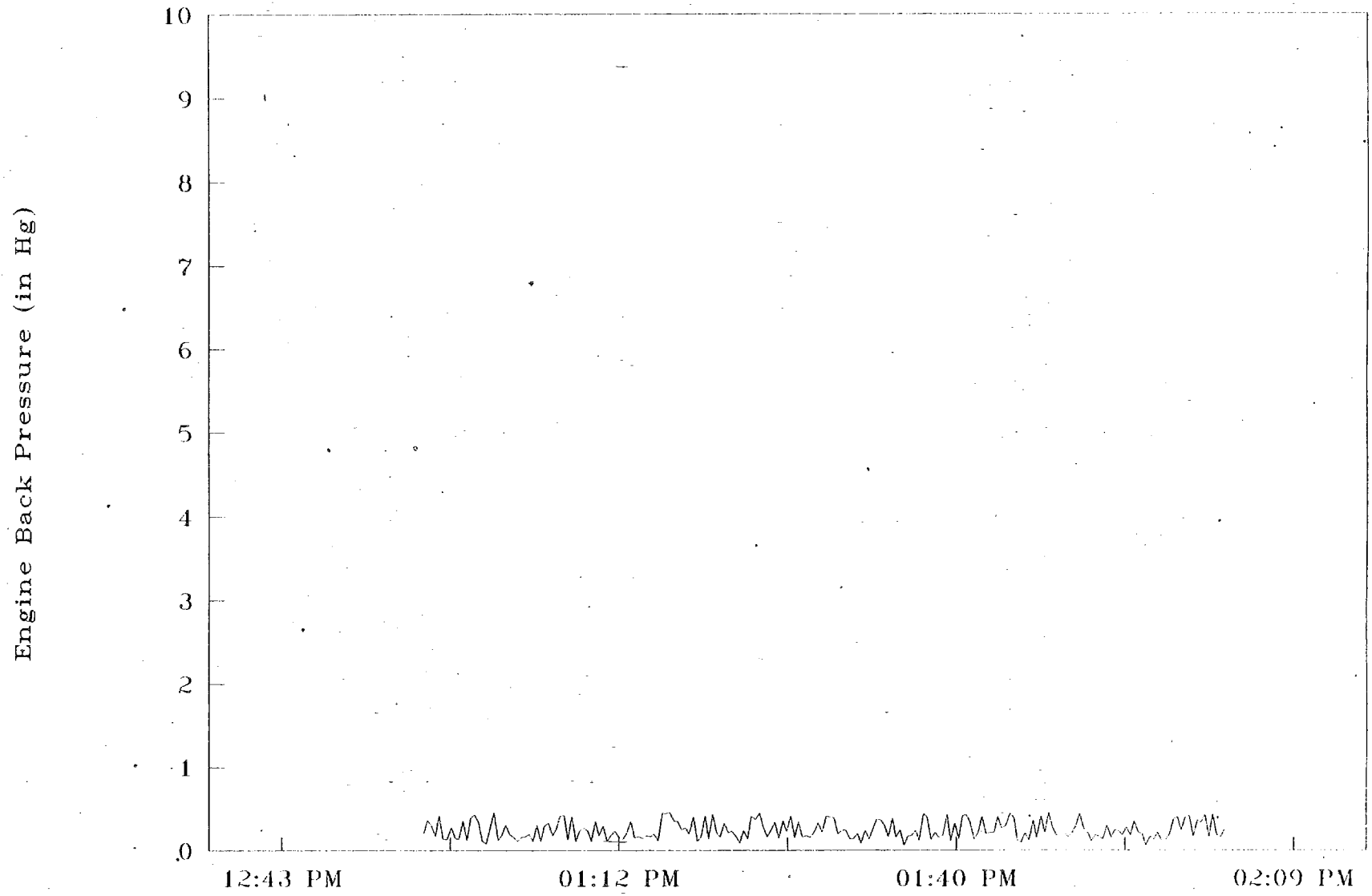


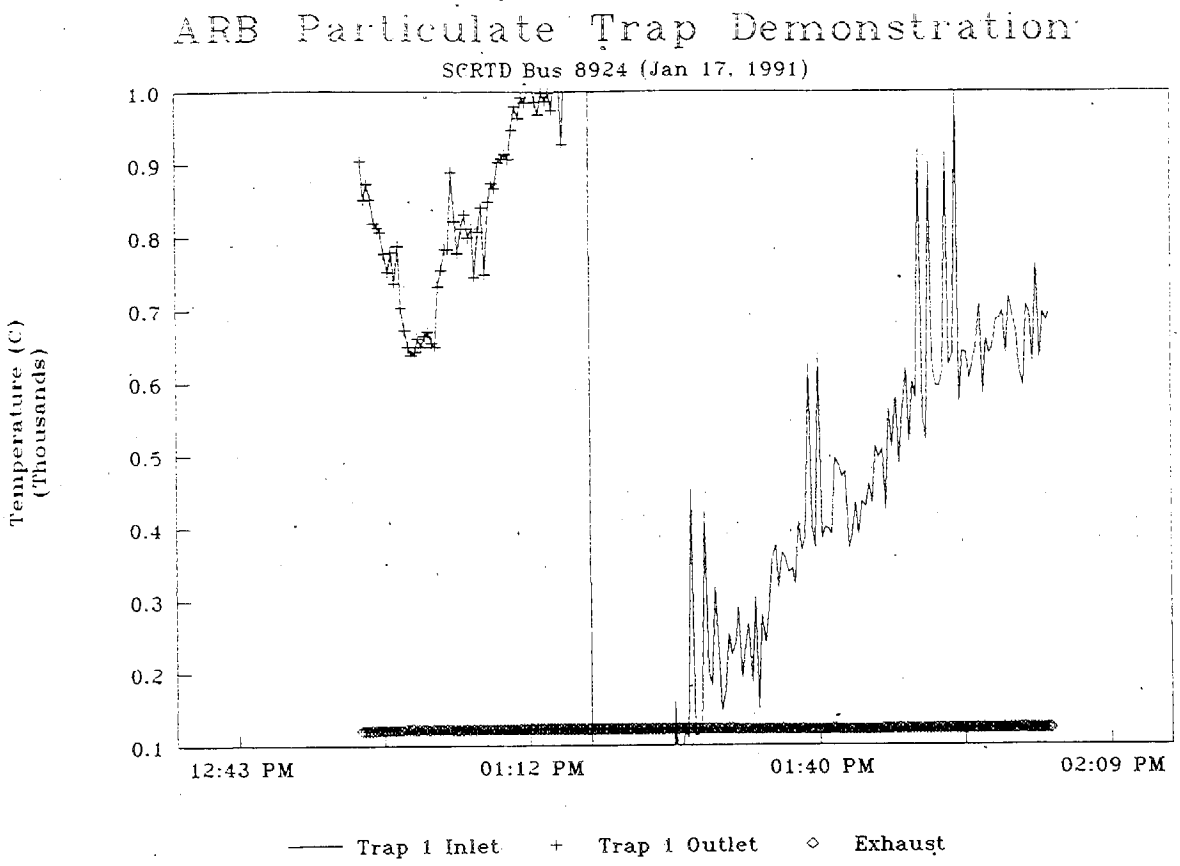

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 16, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
05:16 AM 5:45 AM 6:14 AM 6:43 AM 7:12 AM 7:40 AM 8:09 AM 8:38 AM 9:07 AM 9:36 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

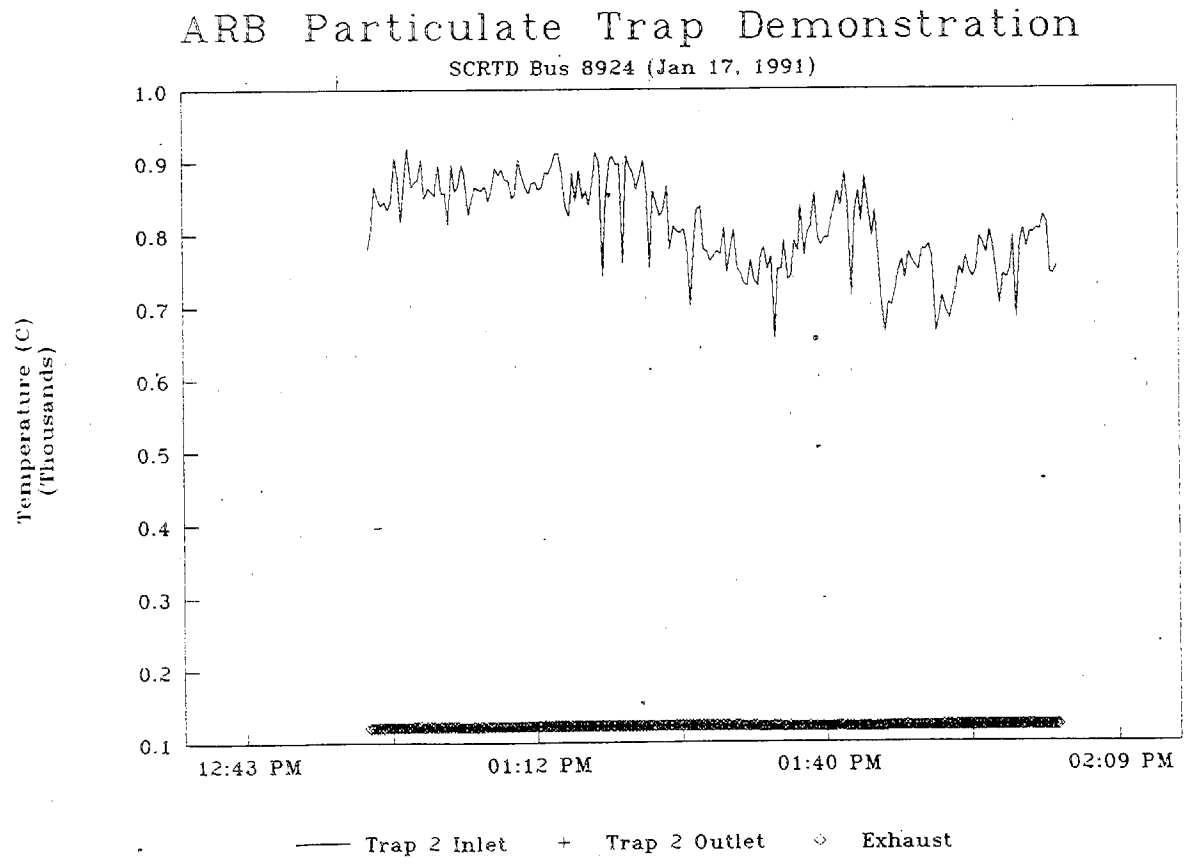

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 16, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
05:16 AM 5:45 AM 6:14 AM 6:43 AM 7:12 AM 7:40 AM 8:09 AM 8:38 AM 9:07 AM 9:36 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 17, 1991)

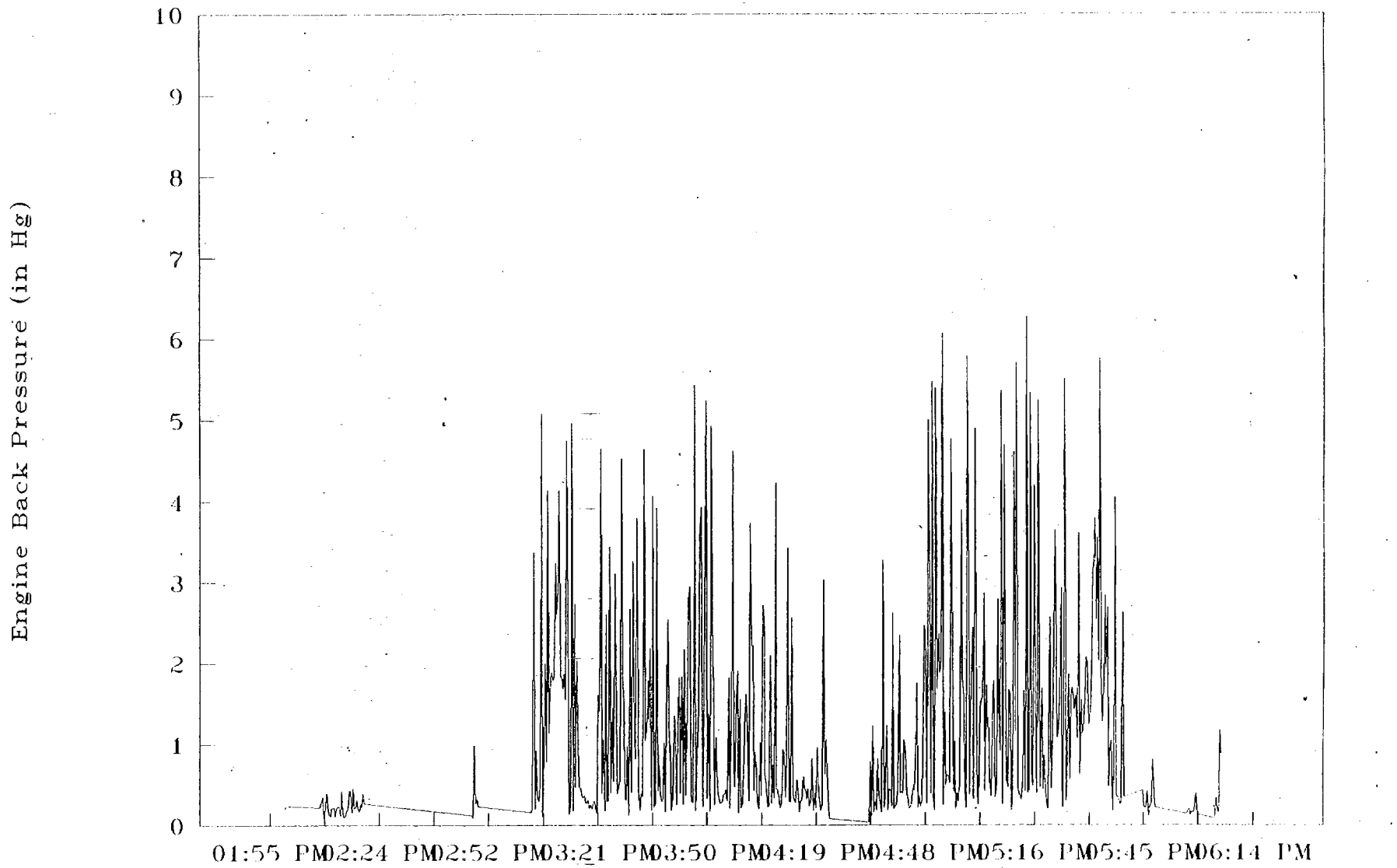


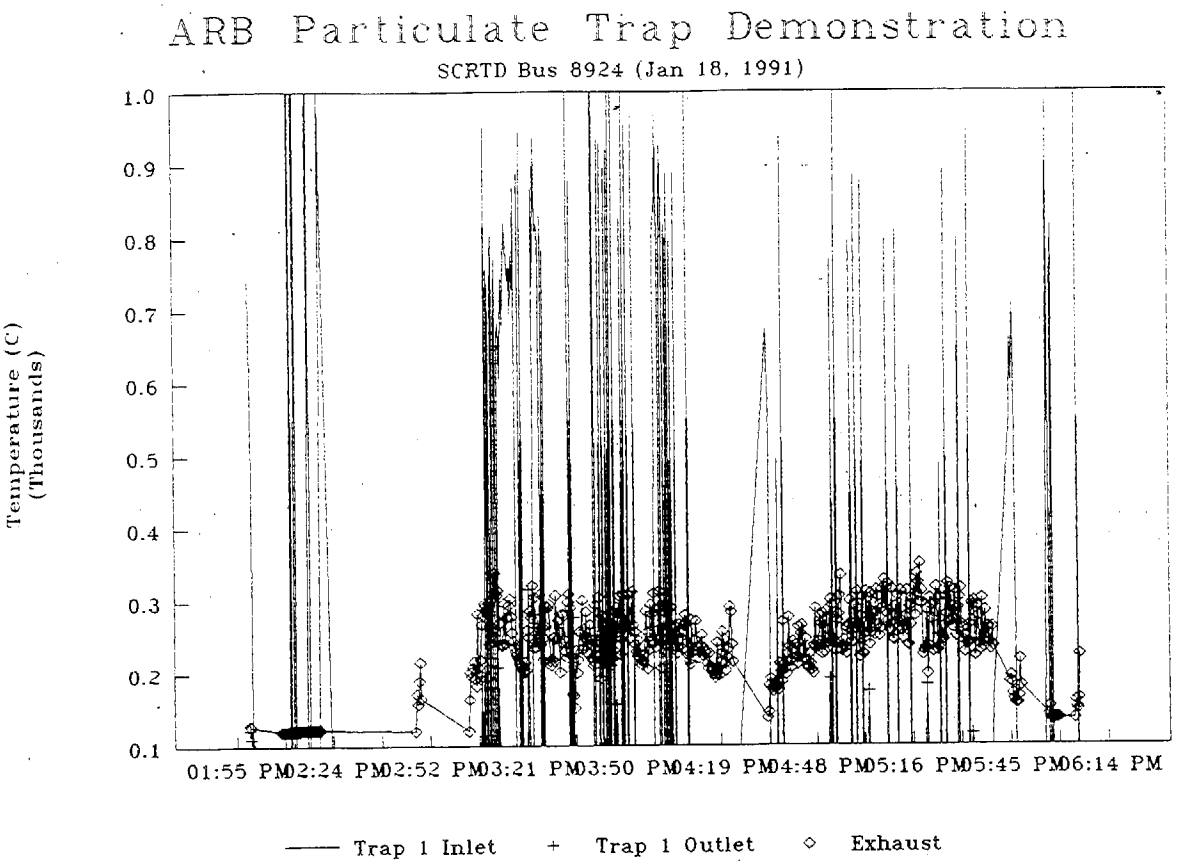

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 17, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:43 PM
01:12 PM
01:40 PM
02:09 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

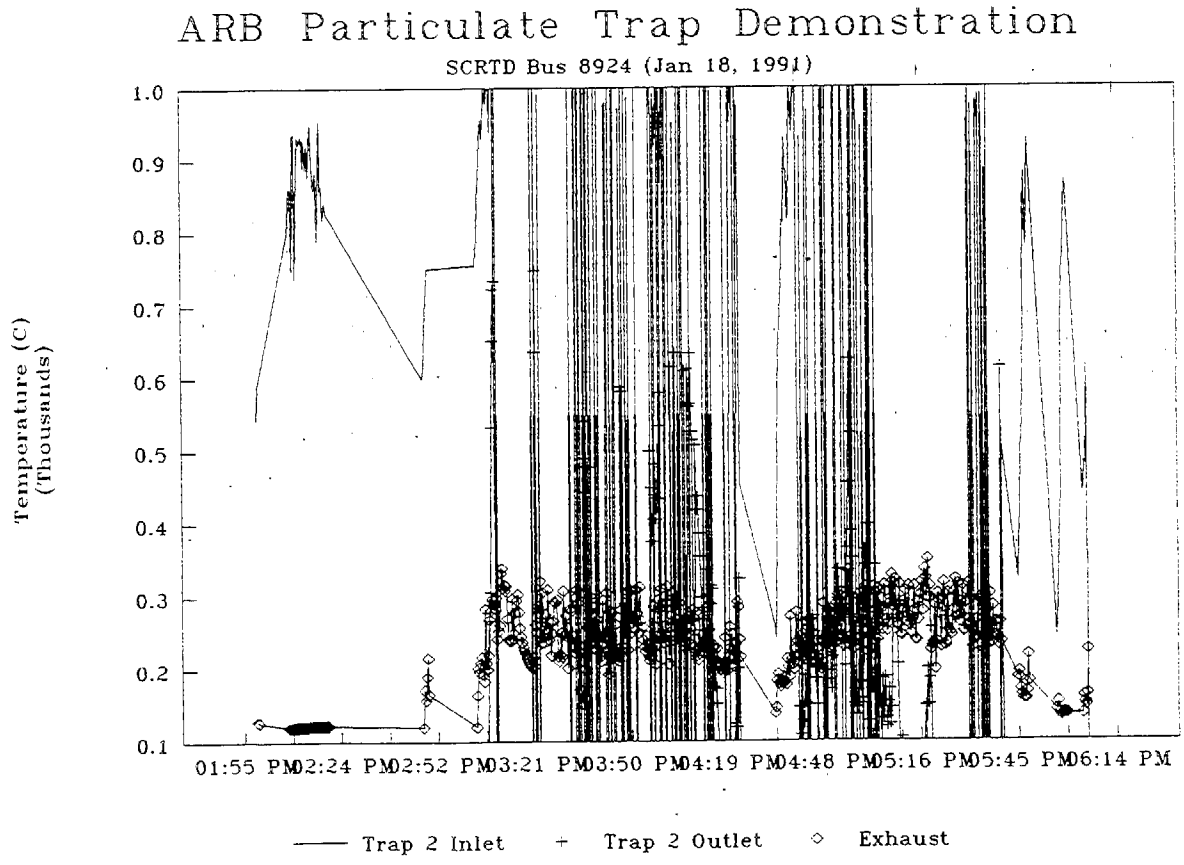

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 17, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:43 PM
01:12 PM
01:40 PM
02:09 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 18, 1991)

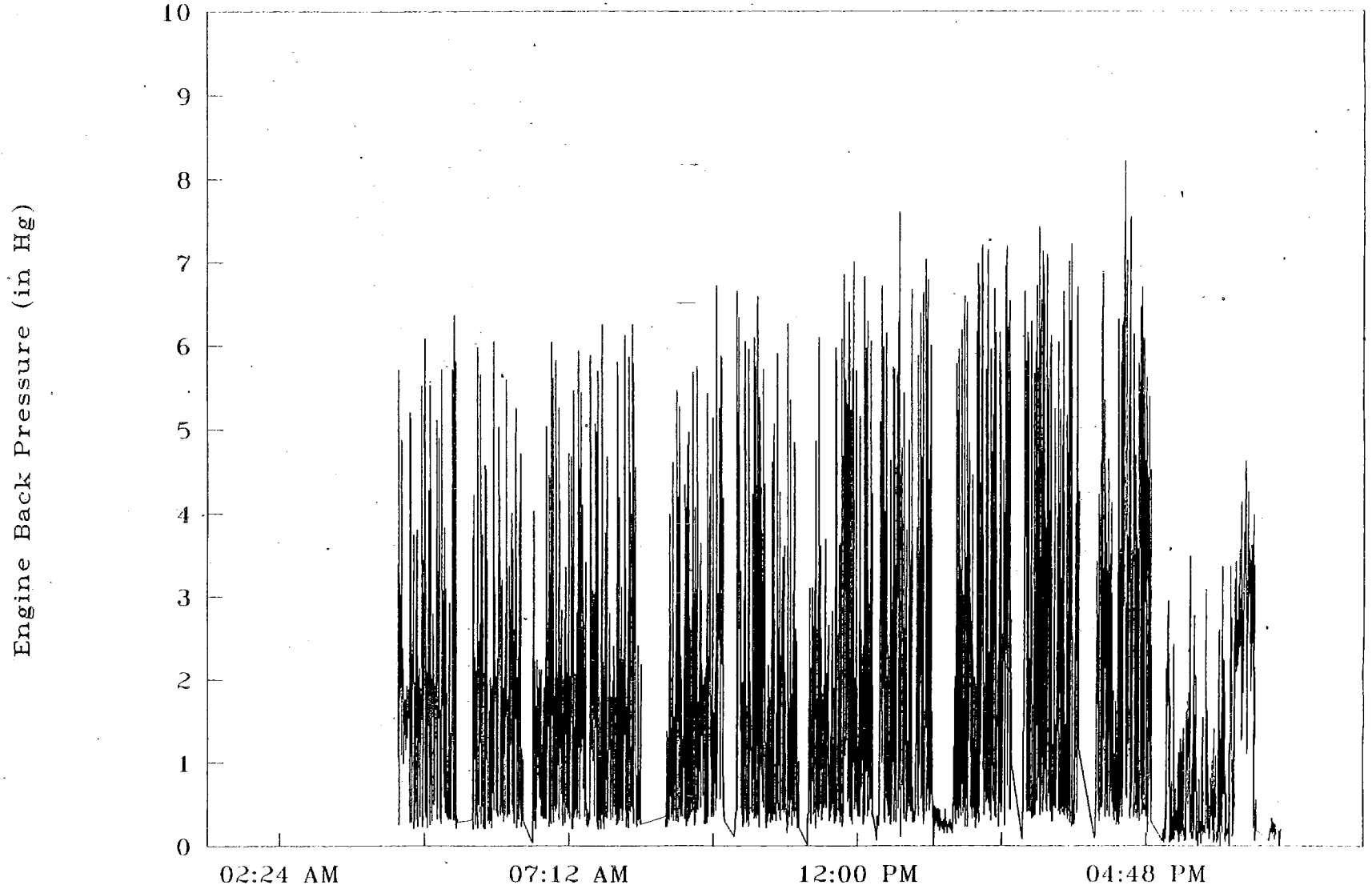


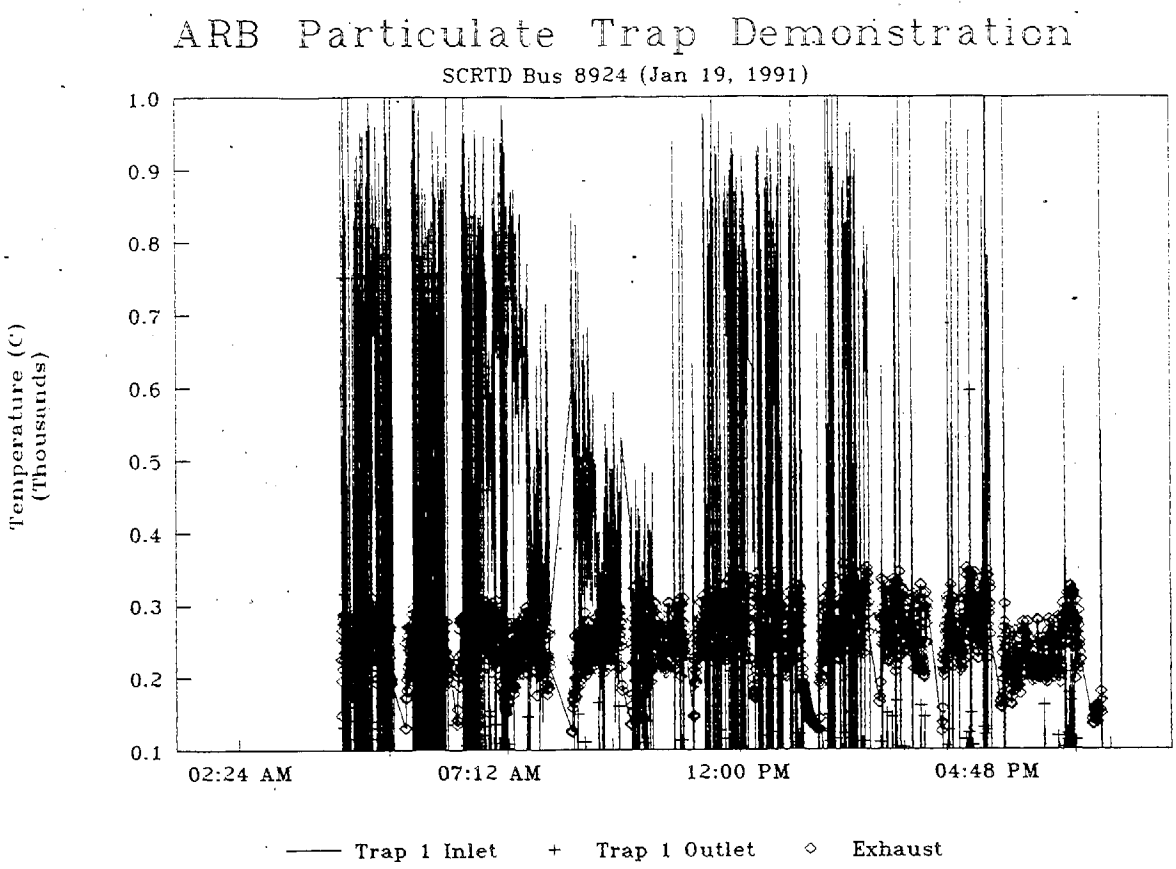

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 18, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
01:55 PM 02:24 PM 02:52 PM 03:21 PM 03:50 PM 04:19 PM 04:48 PM 05:16 PM 05:45 PM 06:14 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

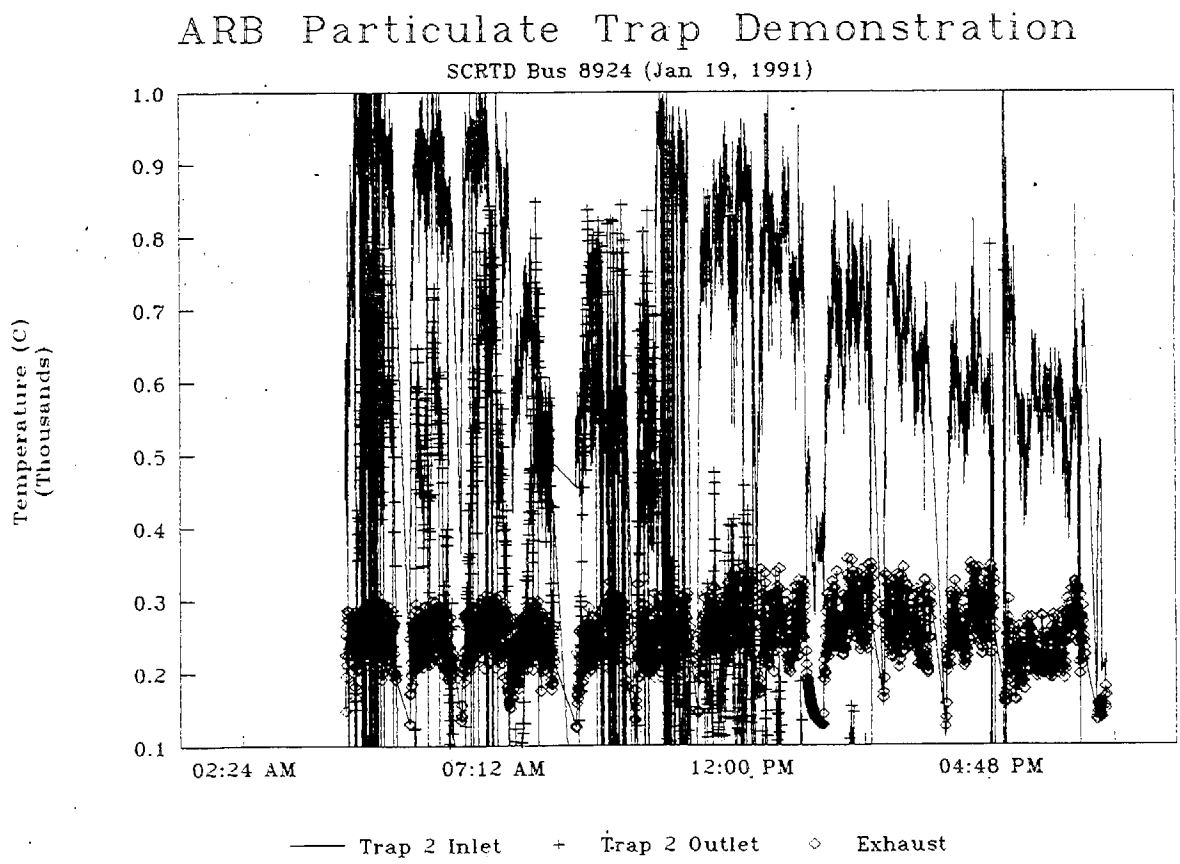

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 18, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
01:55 PM 02:24 PM 02:52 PM 03:21 PM 03:50 PM 04:19 PM 04:48 PM 05:16 PM 05:45 PM 06:14 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 19, 1991)

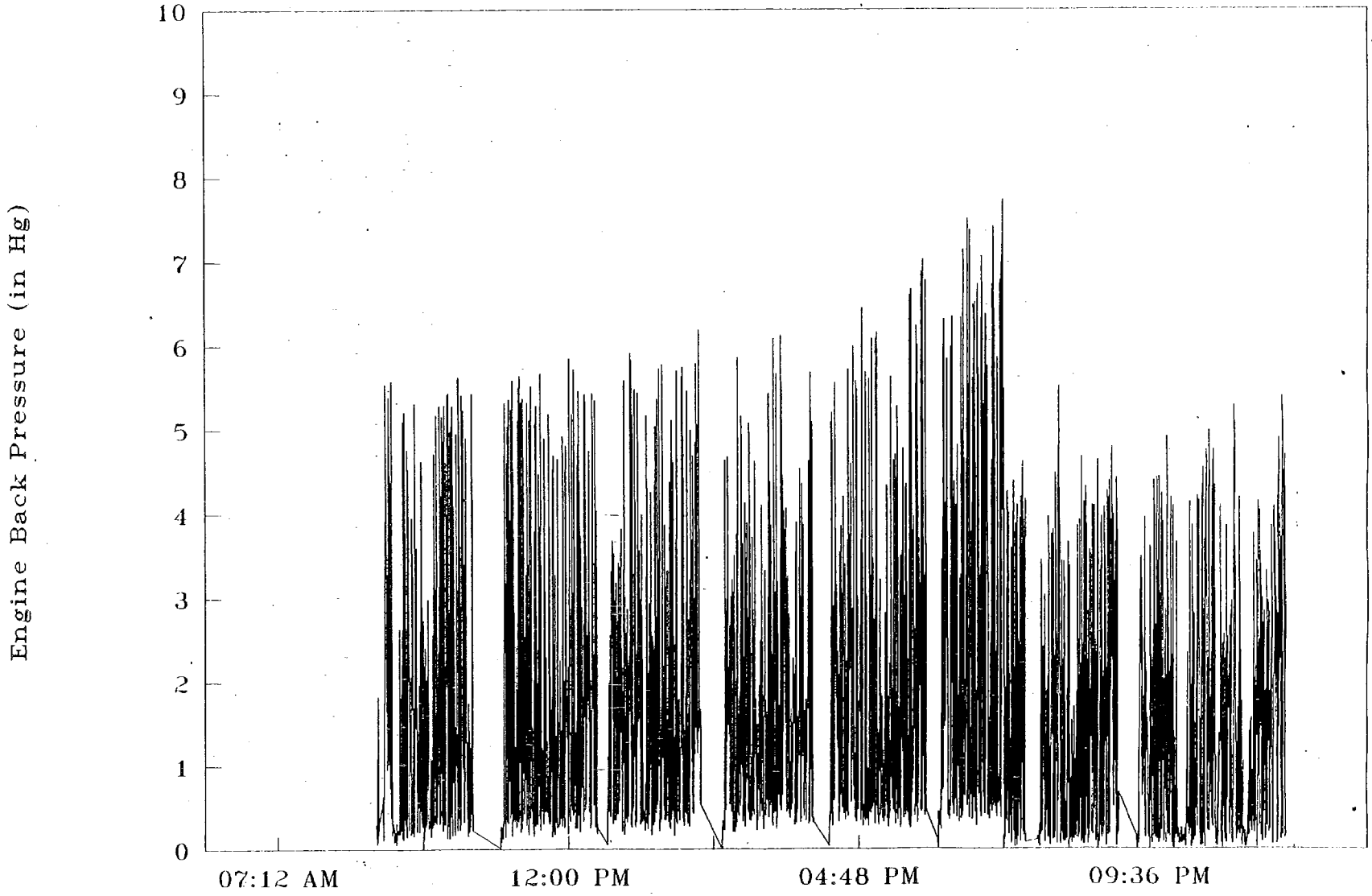


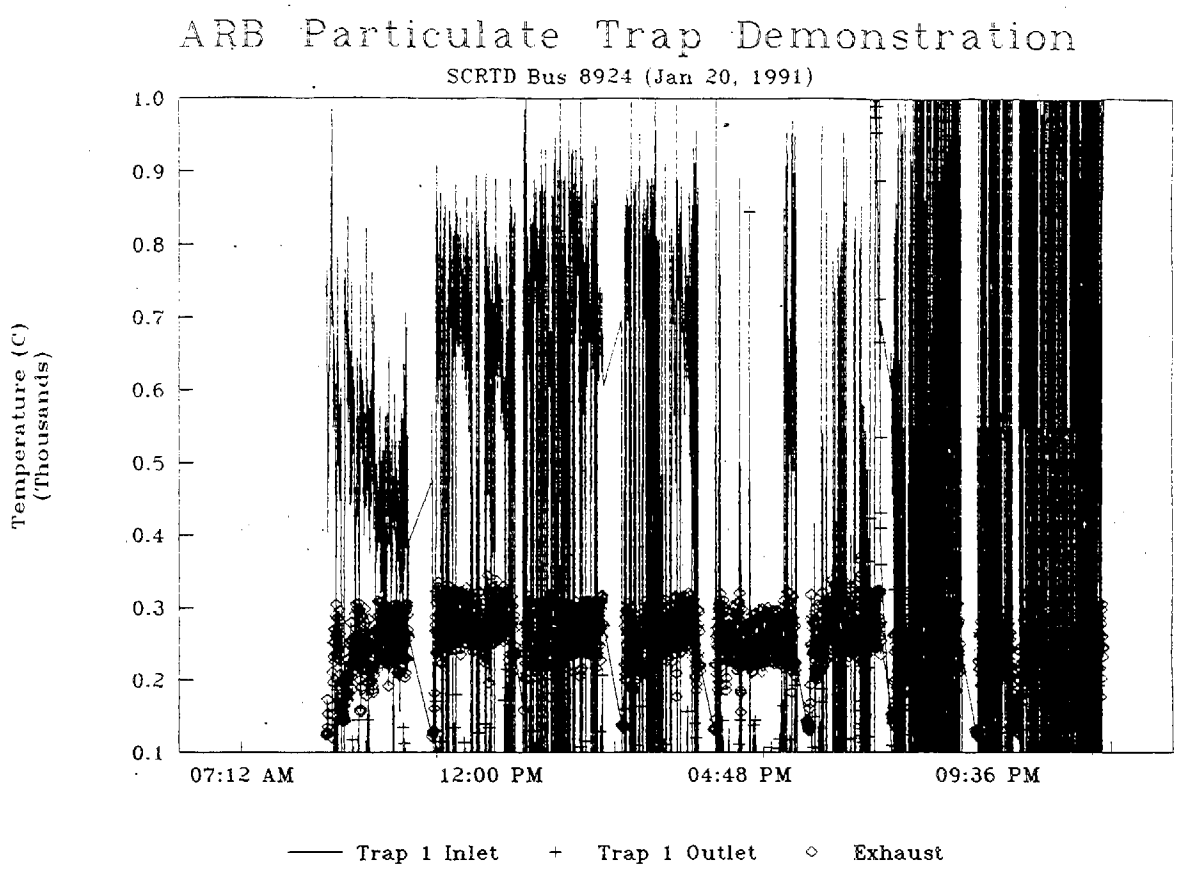

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 19, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

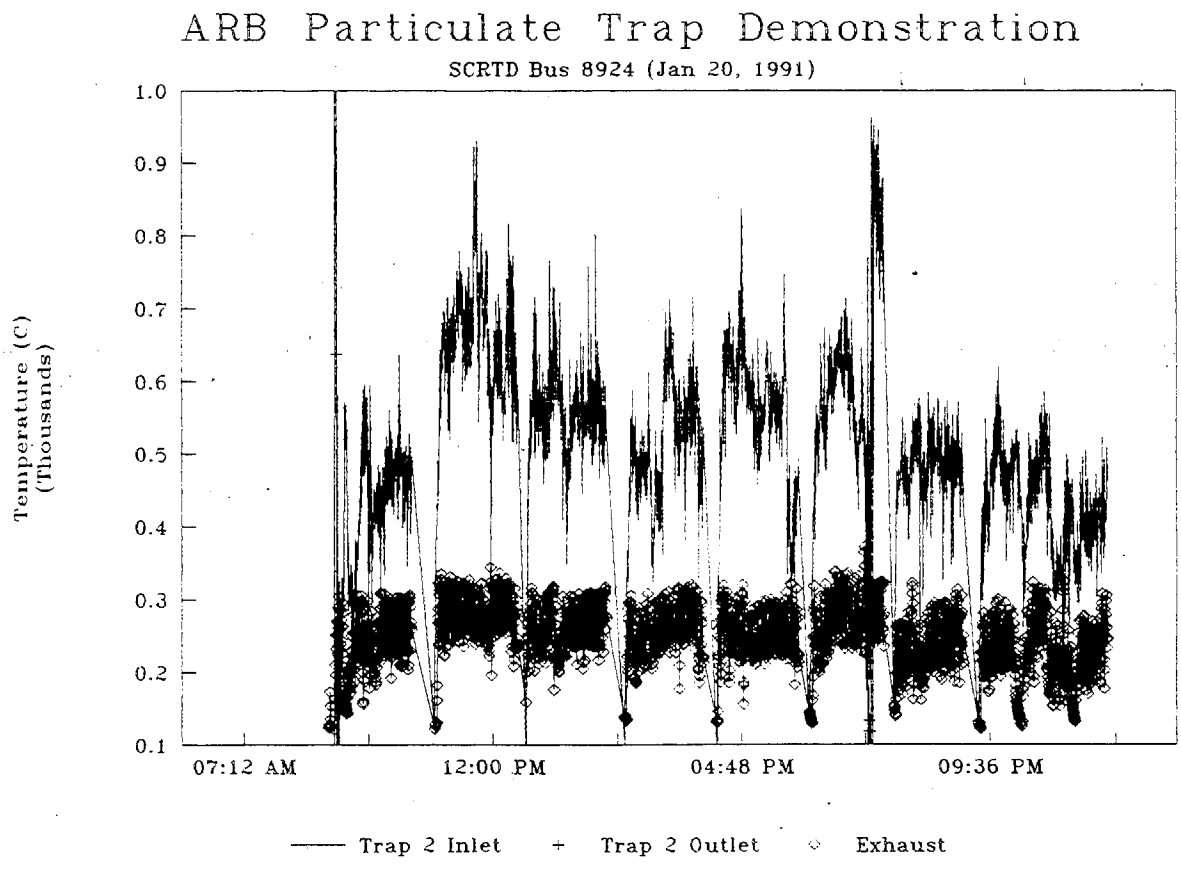

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 19, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 20, 1991)

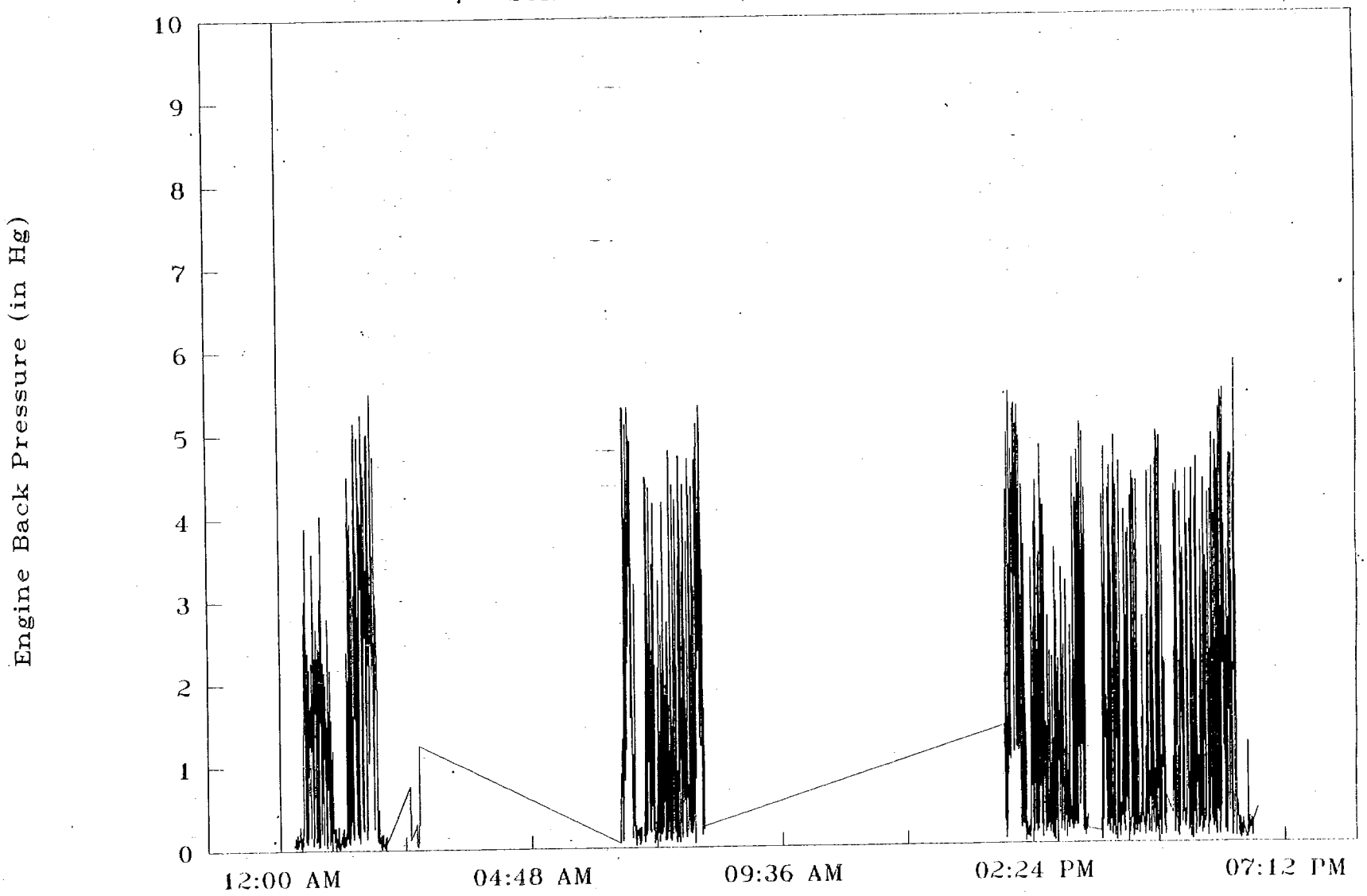


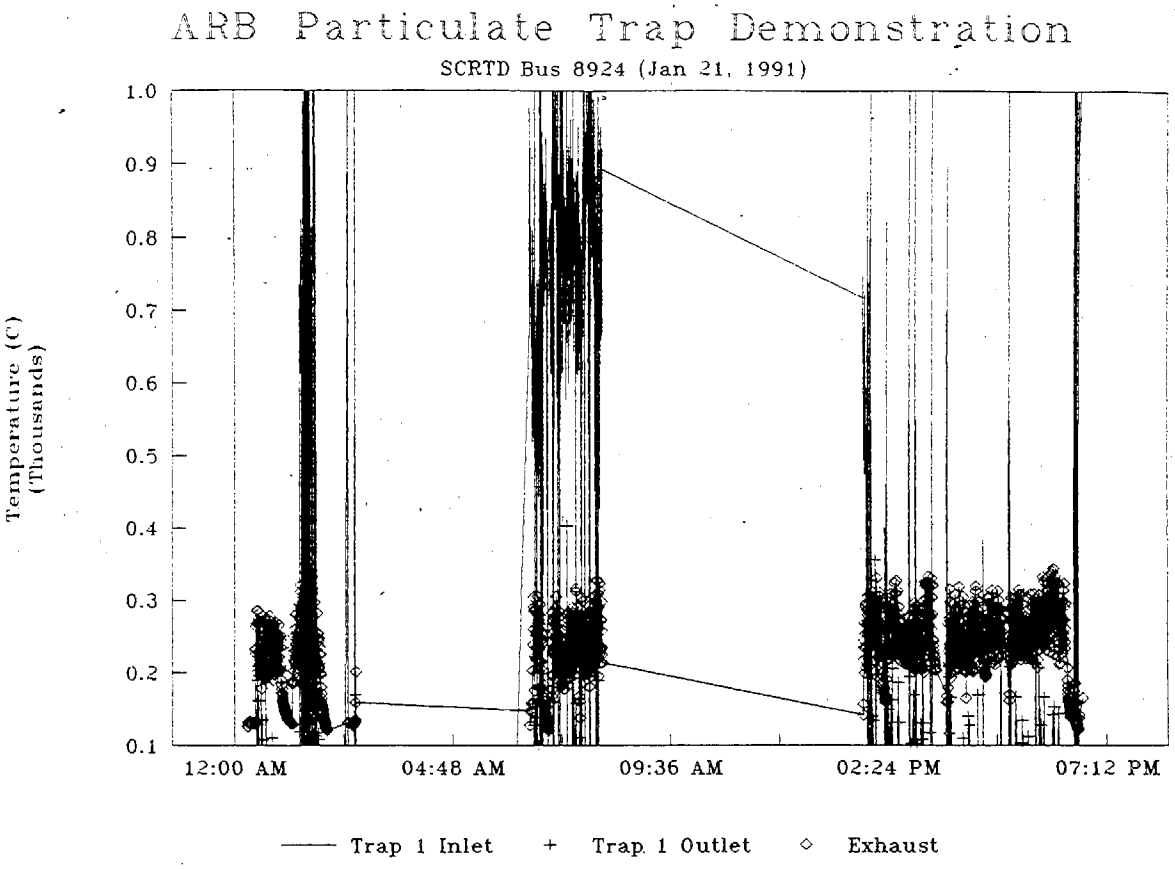

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 20, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

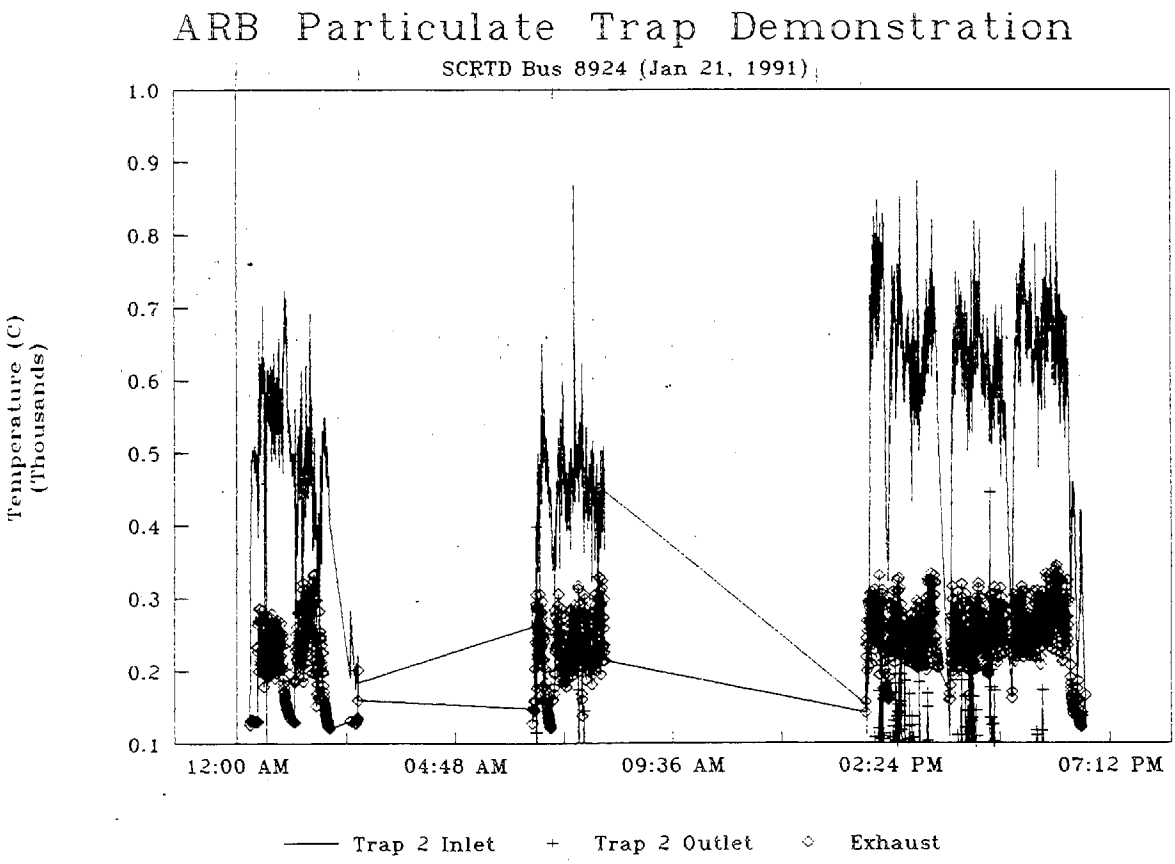

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 20, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 21, 1991)

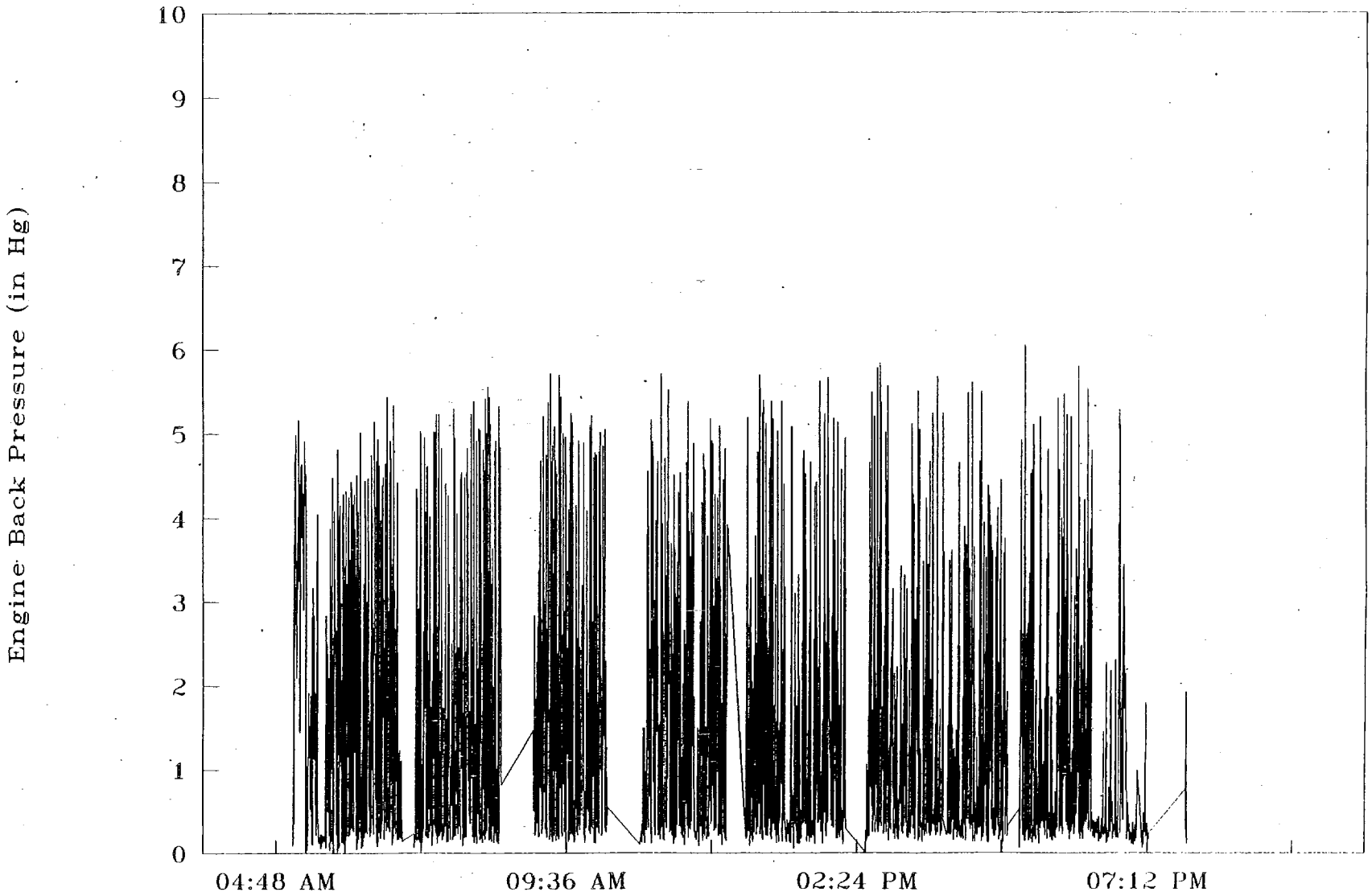


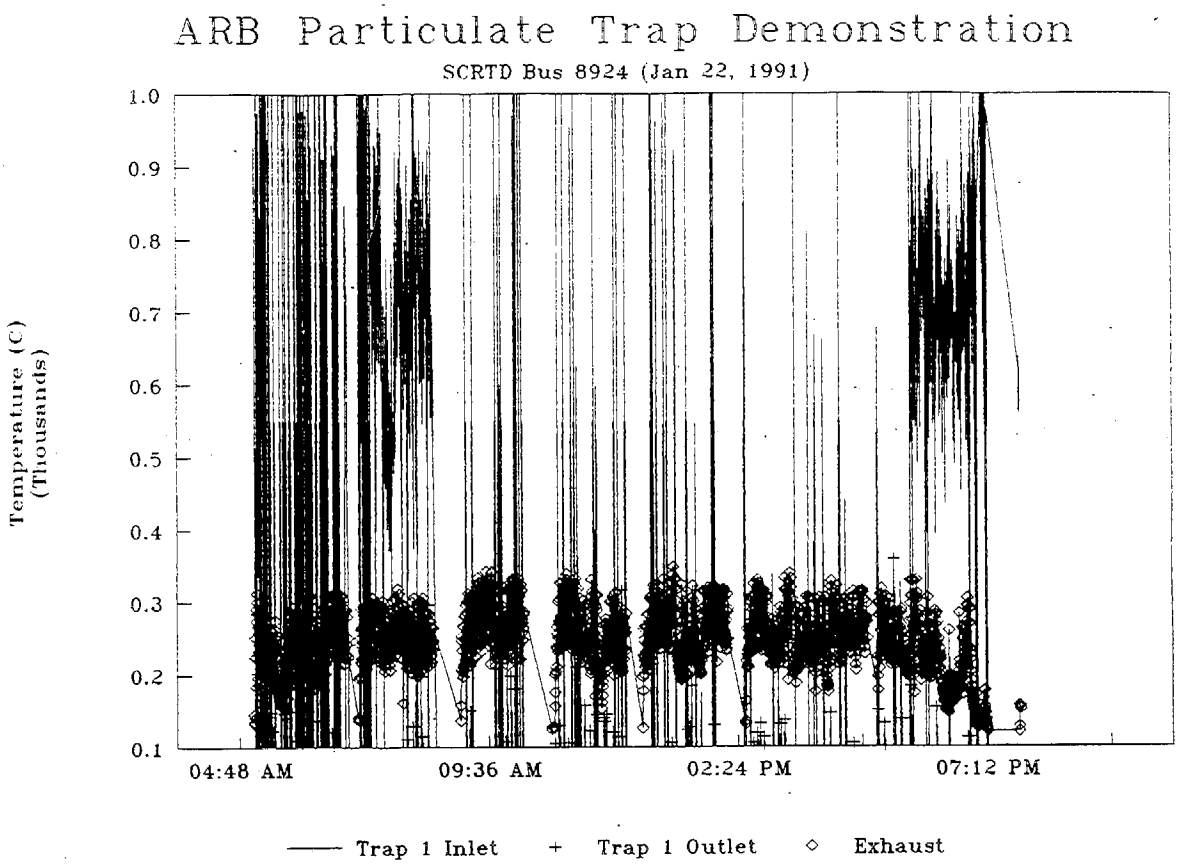

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 21, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

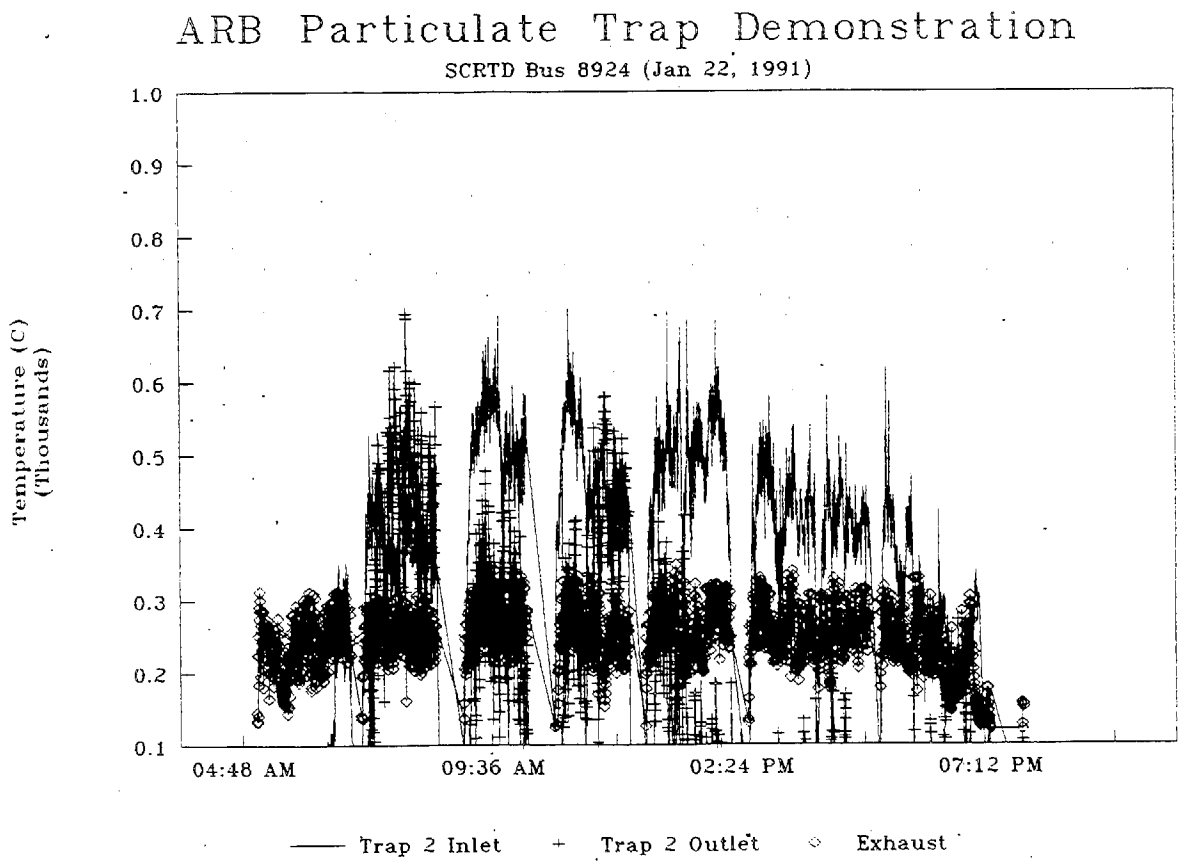

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 21, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 22, 1991)

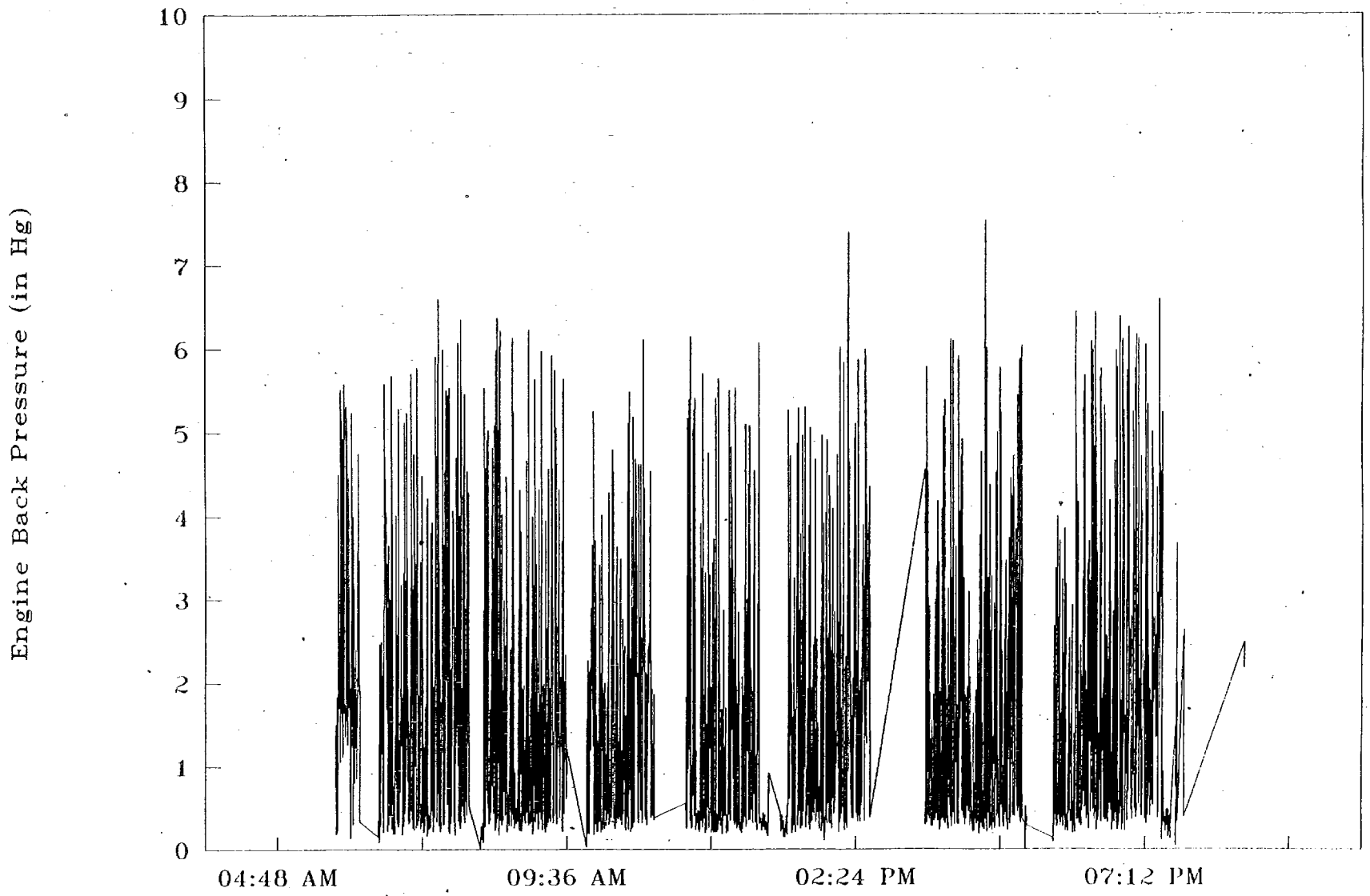


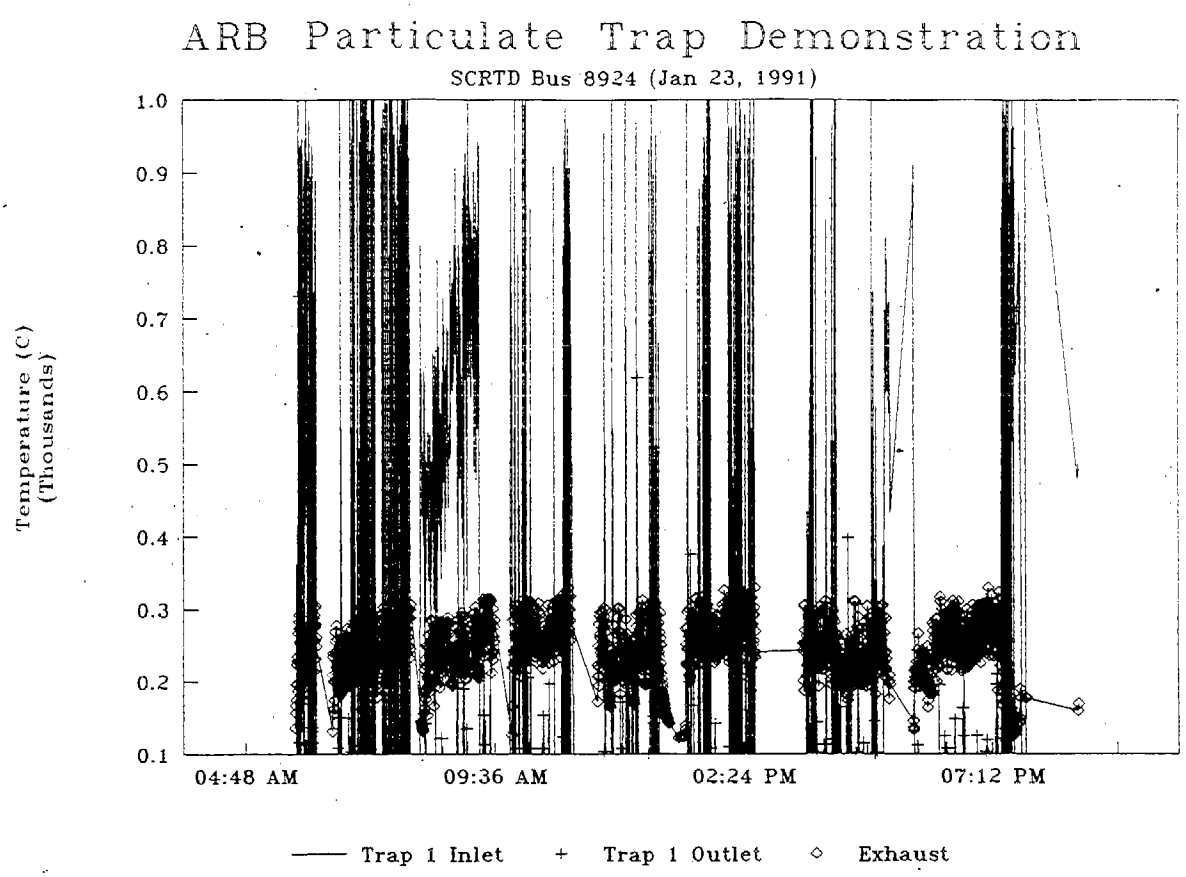

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 22, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

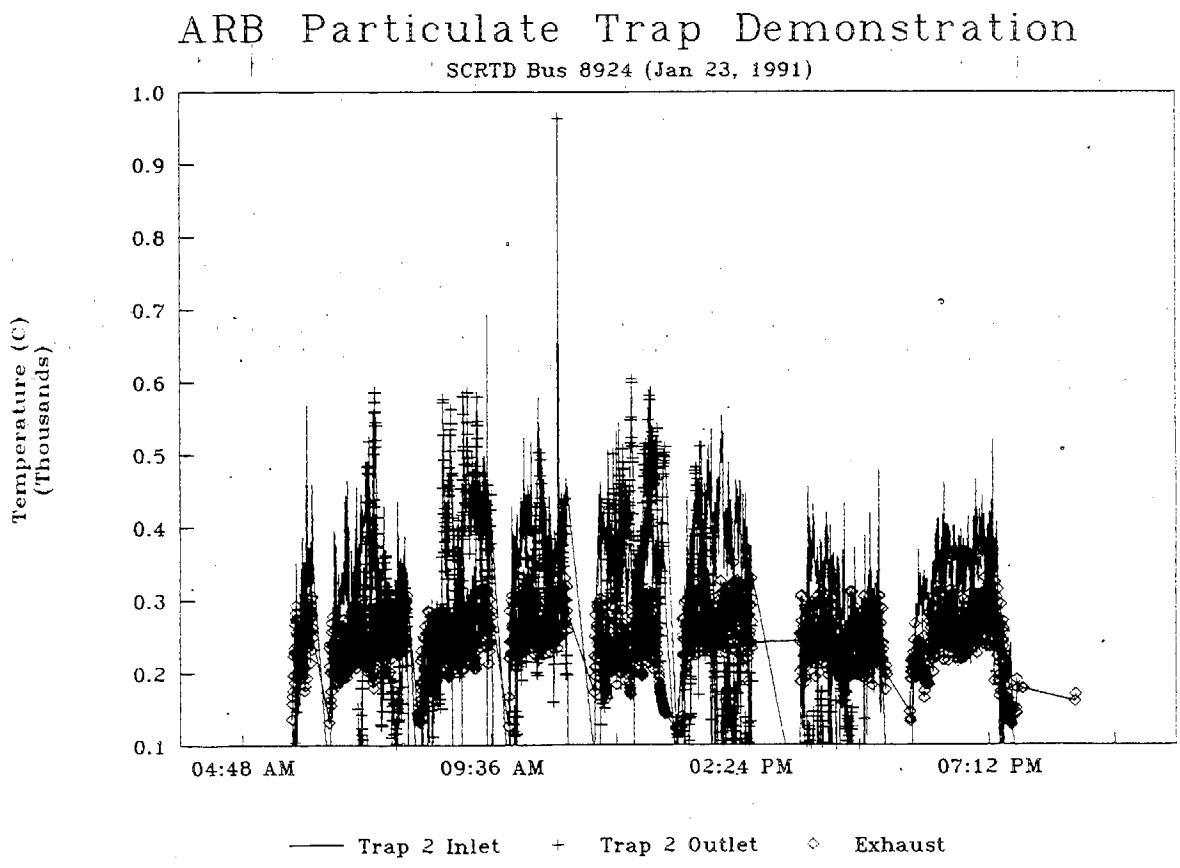

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 22, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD-Bus 8924 (Jan 23, 1991)

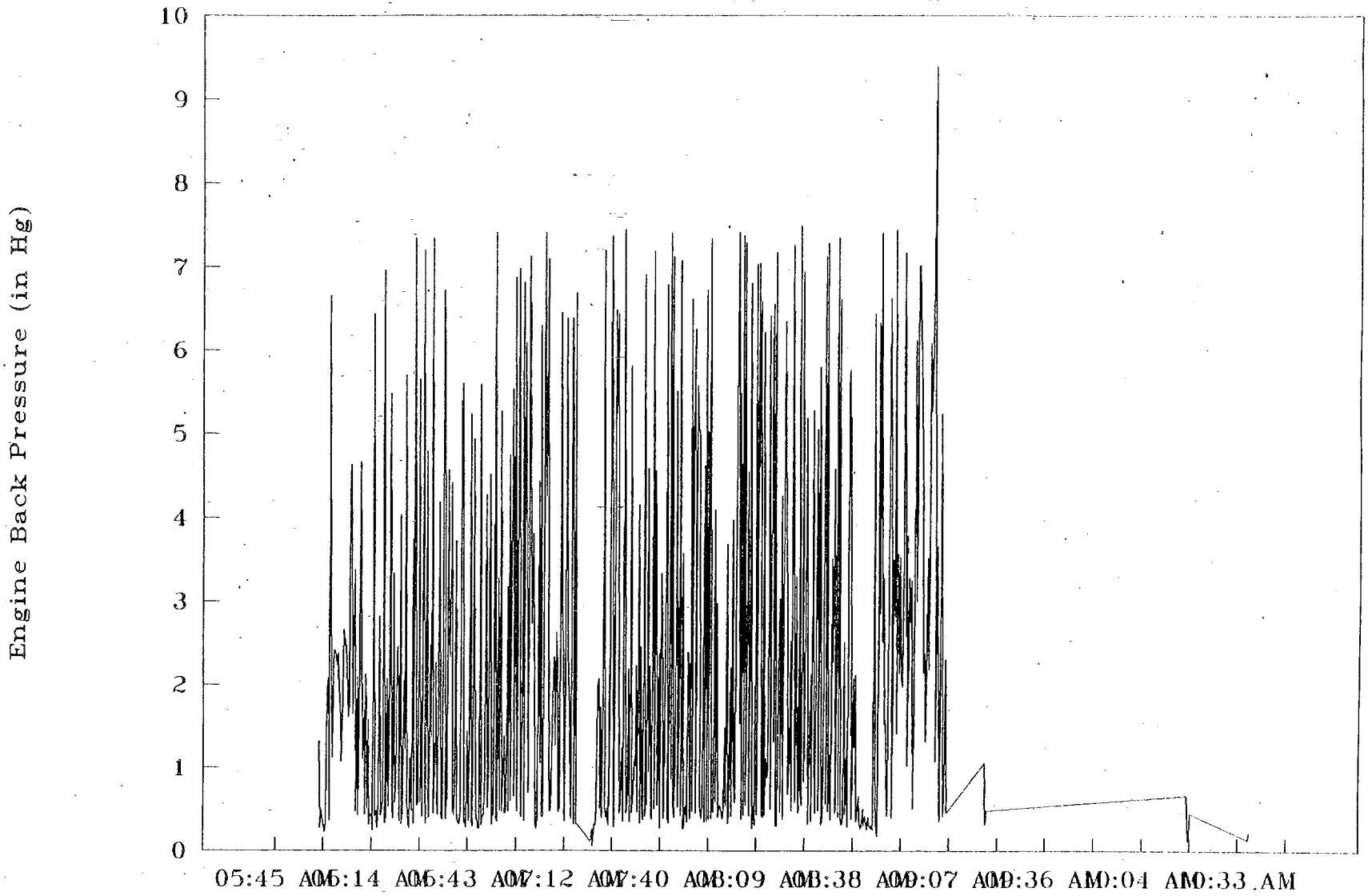


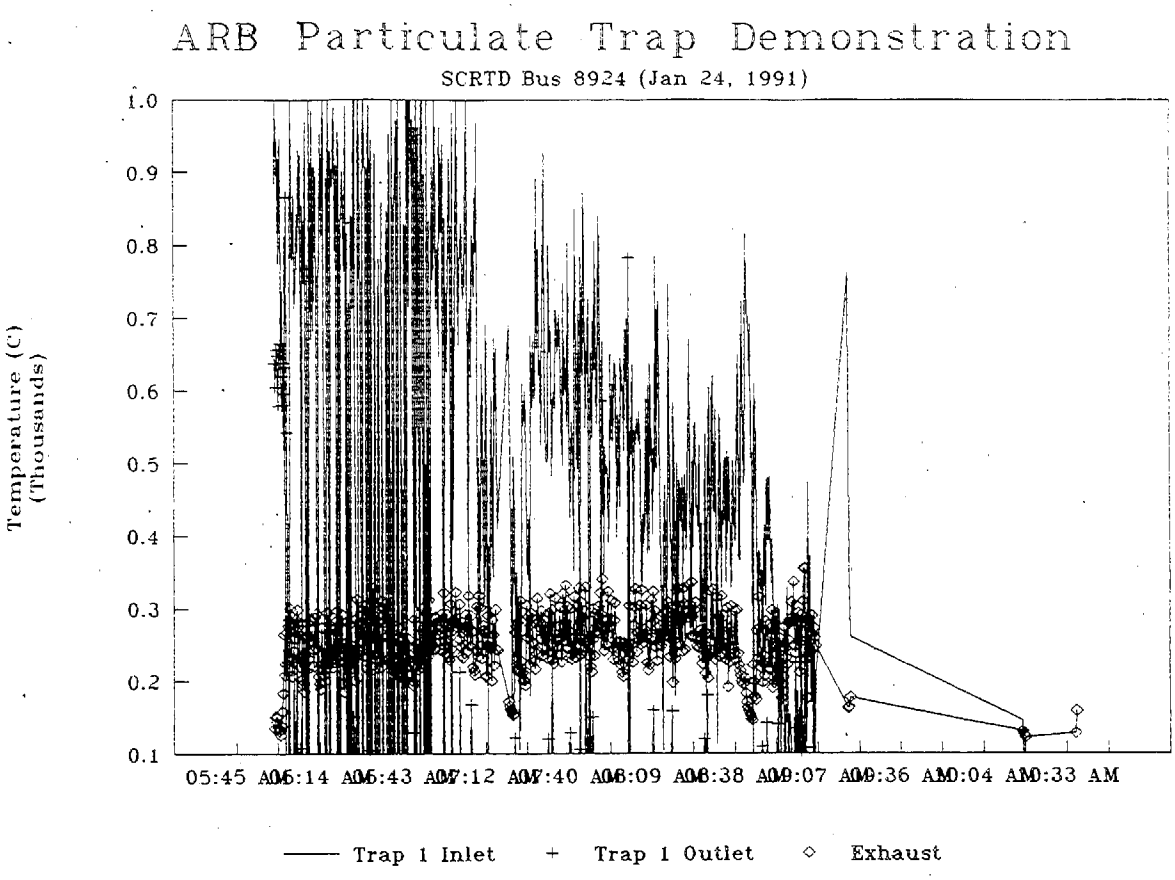

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 23, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

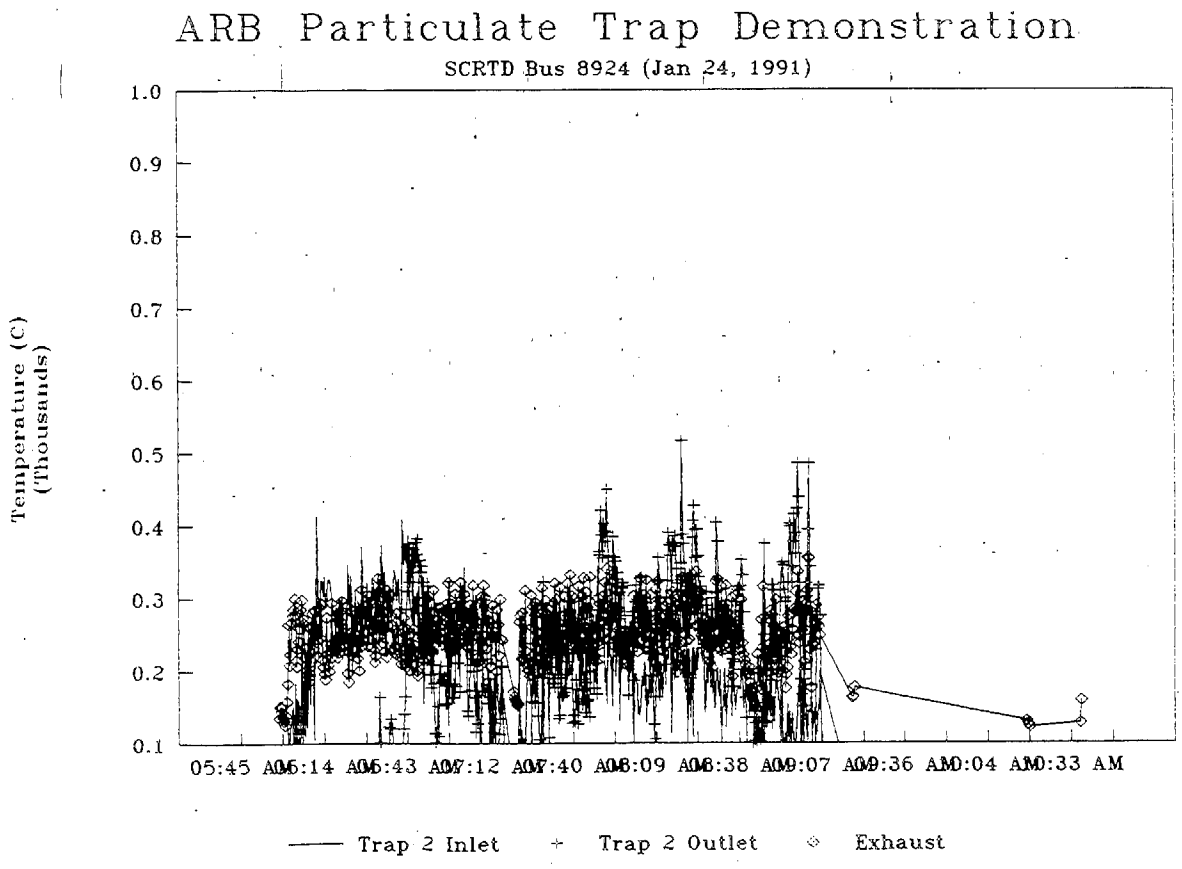

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 23, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jan 24, 1991)

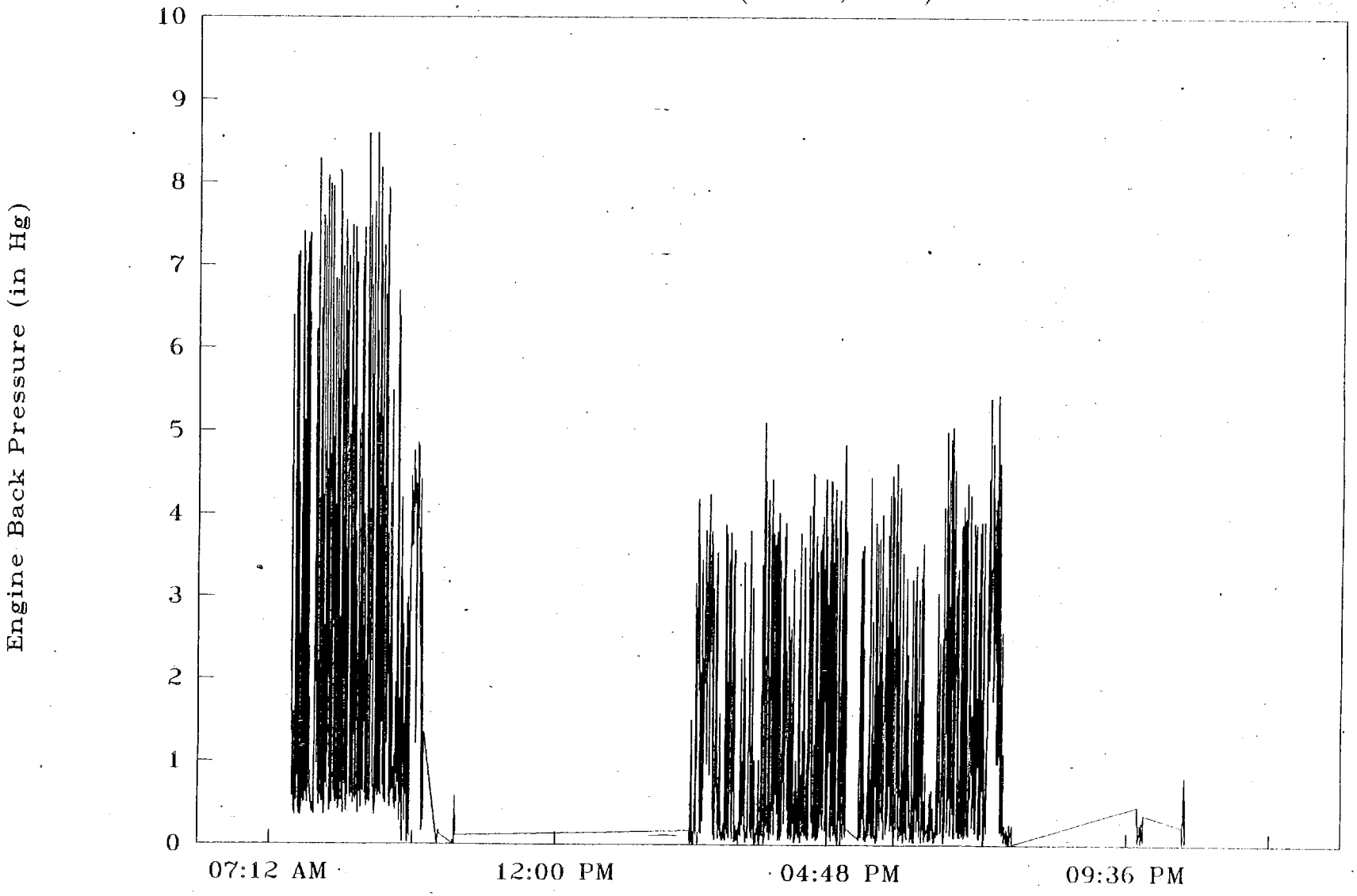


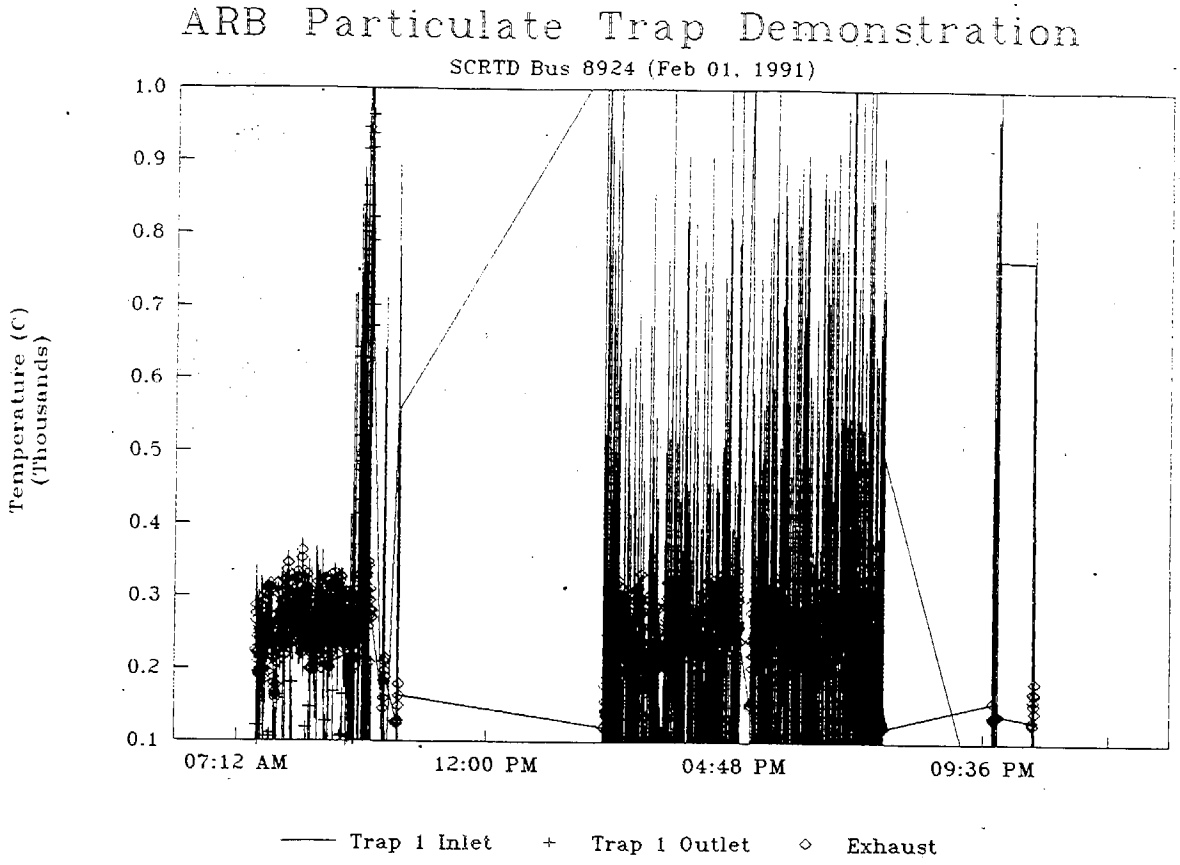

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 24, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
05:45 AM 06:14 AM 06:43 AM 07:12 AM 07:40 AM 08:09 AM 08:38 AM 09:07 AM 09:36 AM 10:04 AM 10:33 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

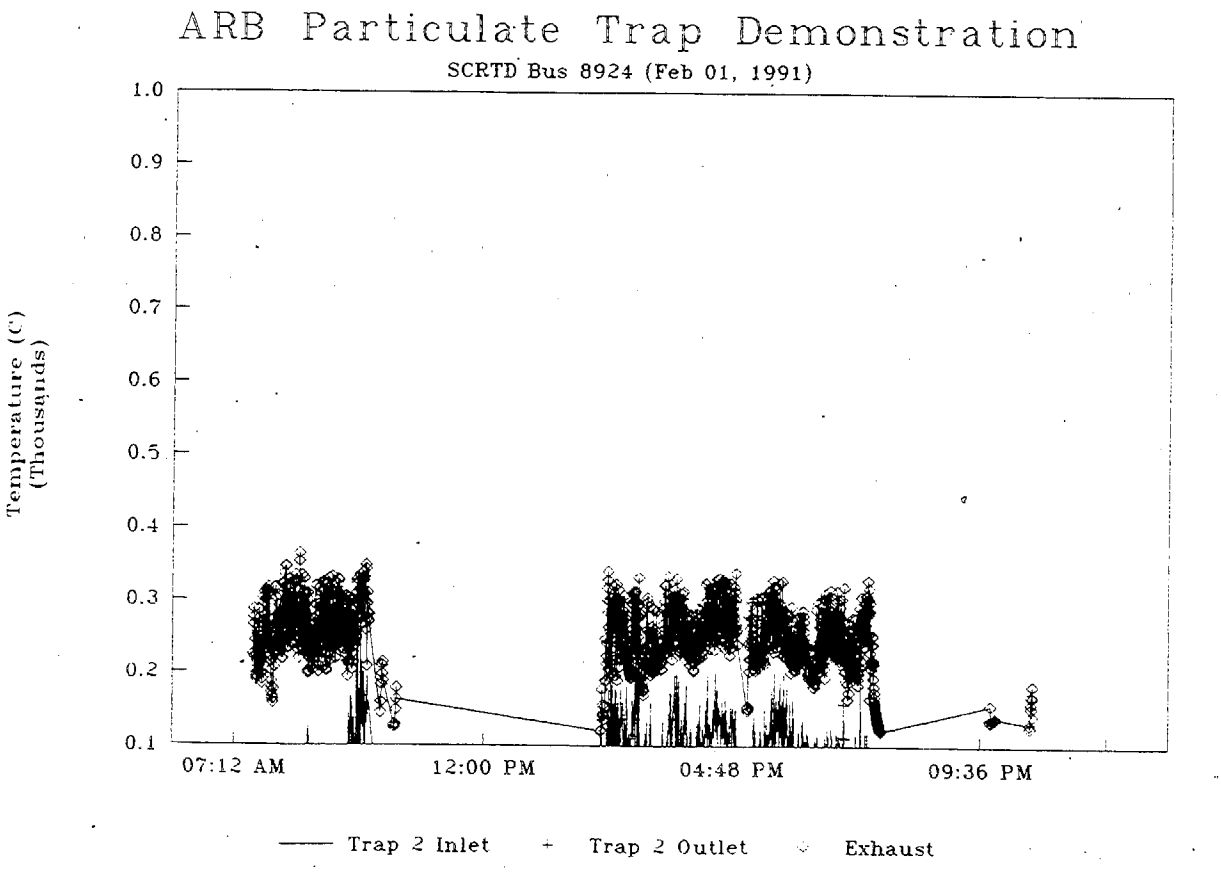

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jan 24, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
05:45 AM 06:14 AM 06:43 AM 07:12 AM 07:40 AM 08:09 AM 08:38 AM 09:07 AM 09:36 AM 10:04 AM 10:33 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 01, 1991)

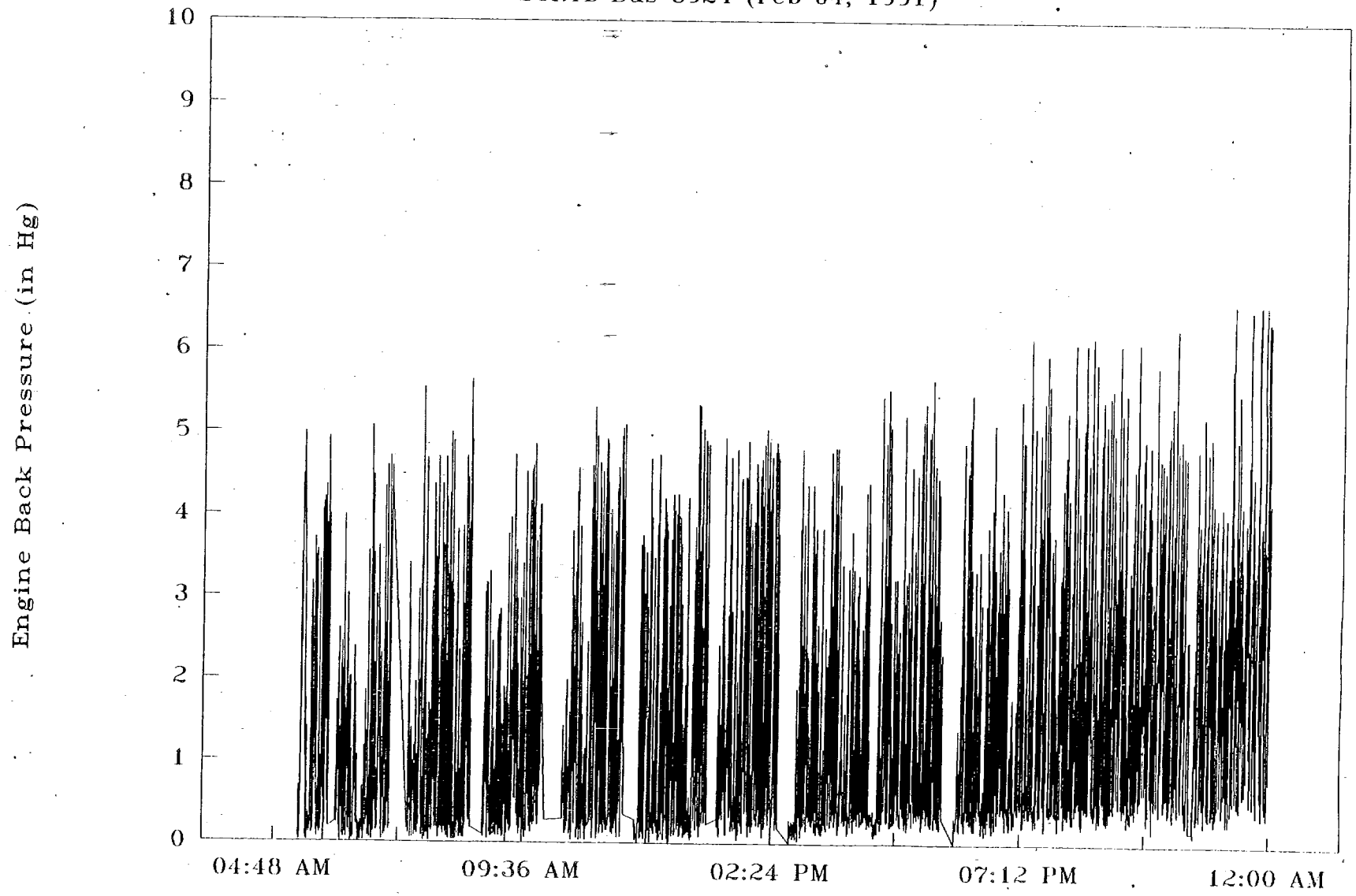



ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 01, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 01, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

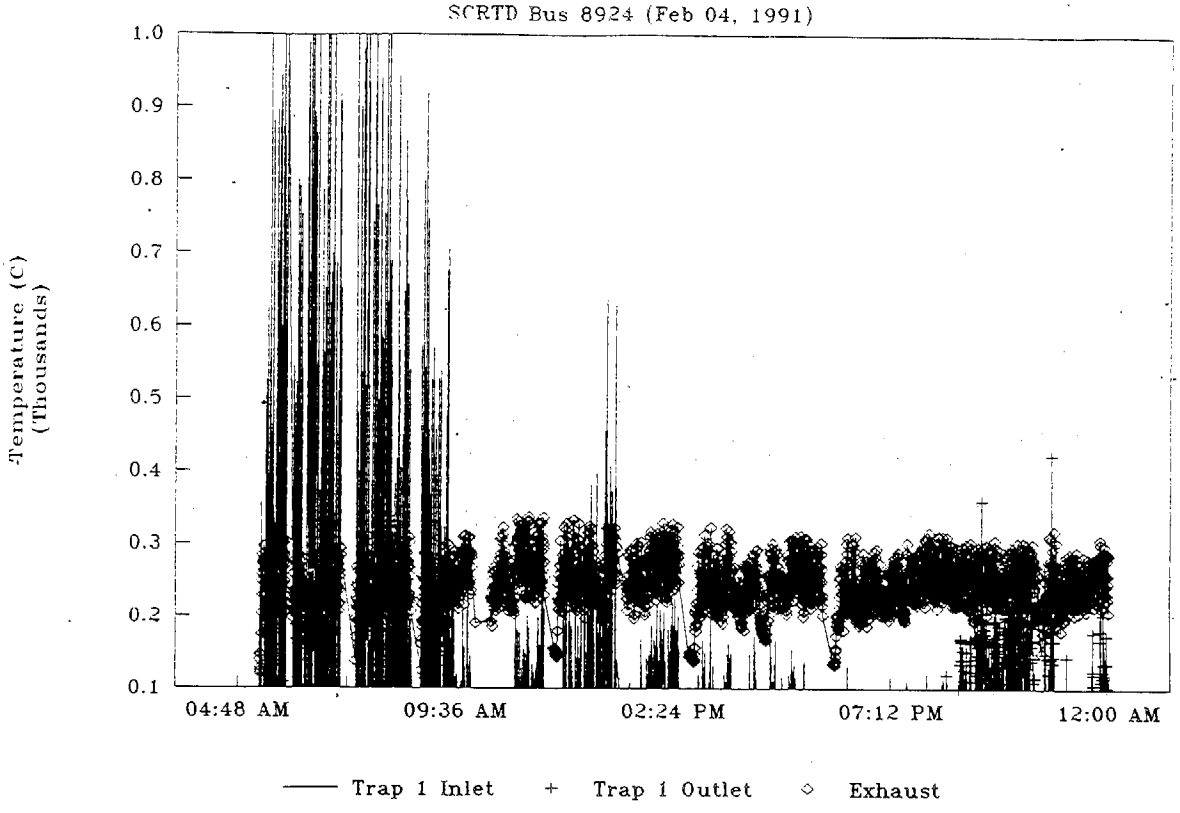
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 04, 1991)



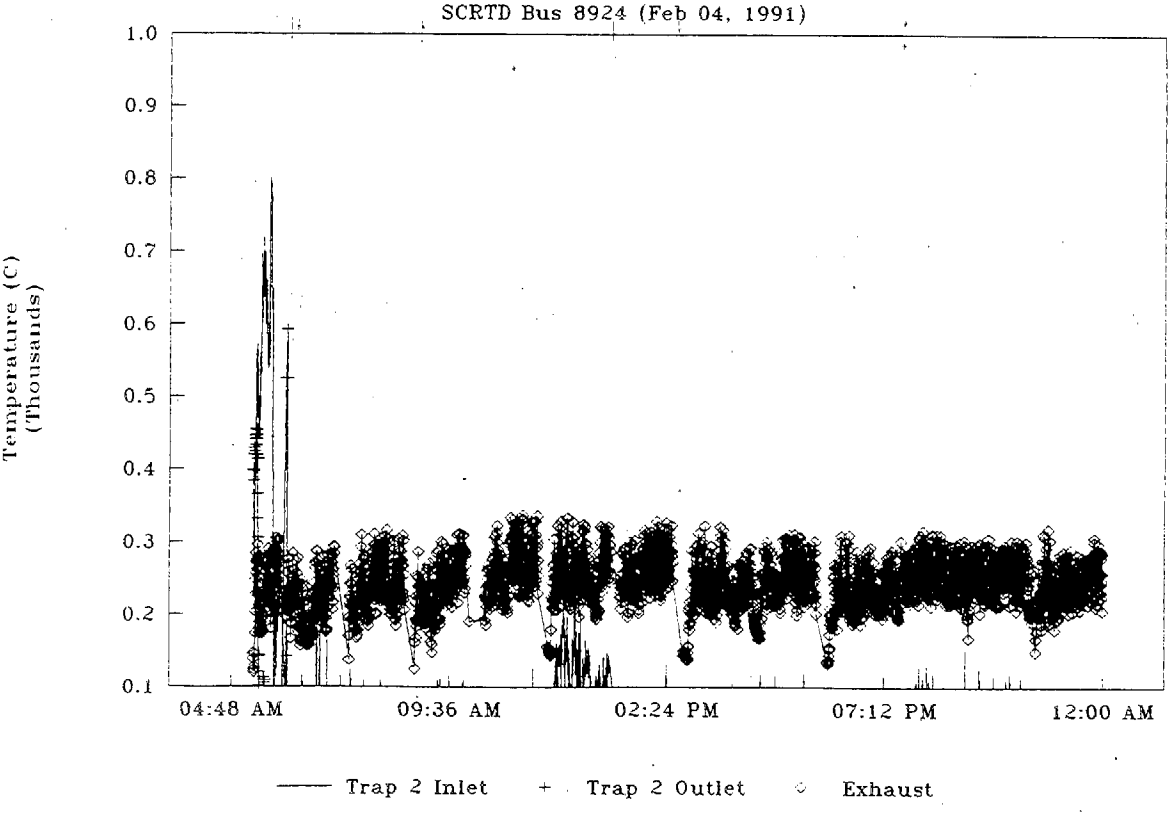
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 04, 1991)



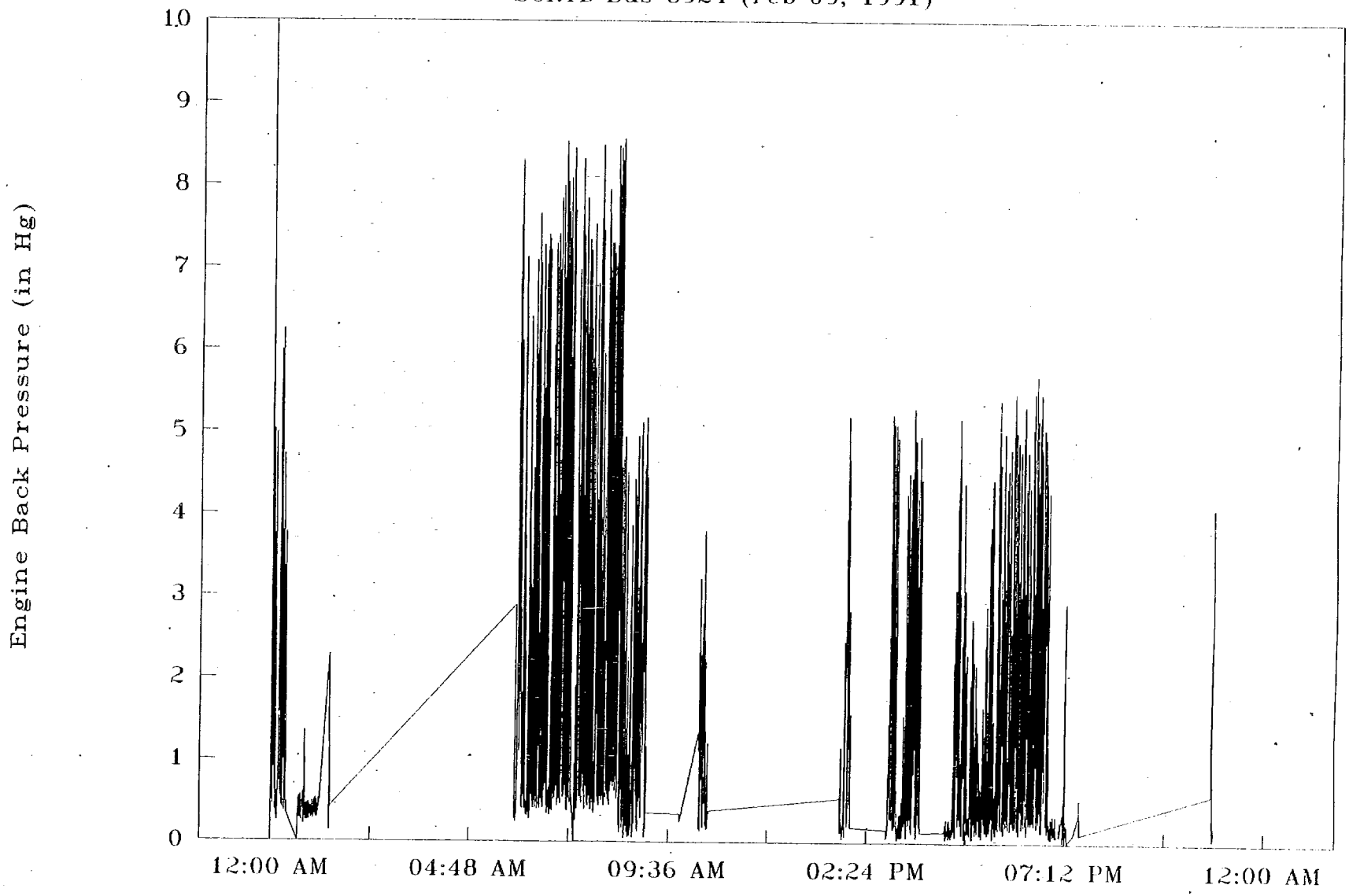
ARB Particulate Trap Demonstration

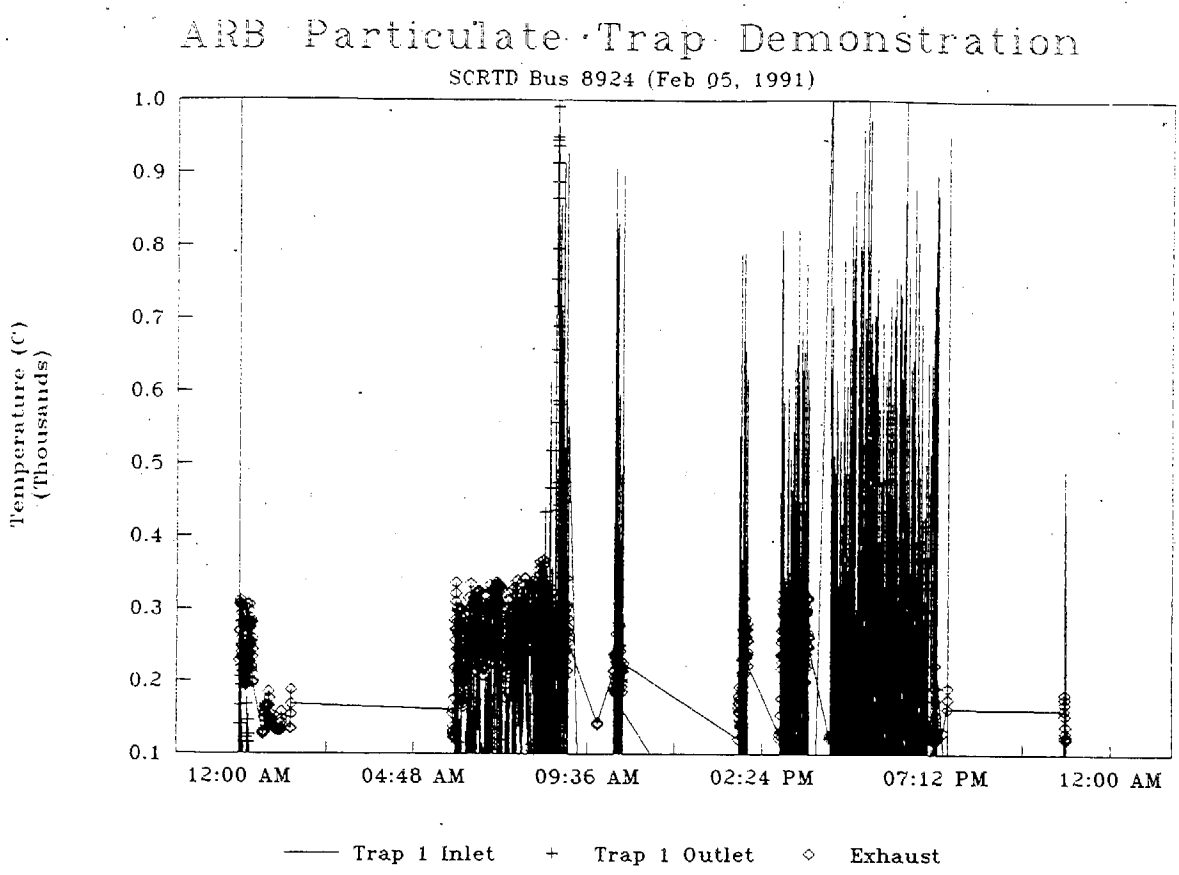
SCRTD Bus 8924 (Feb 04, 1991)

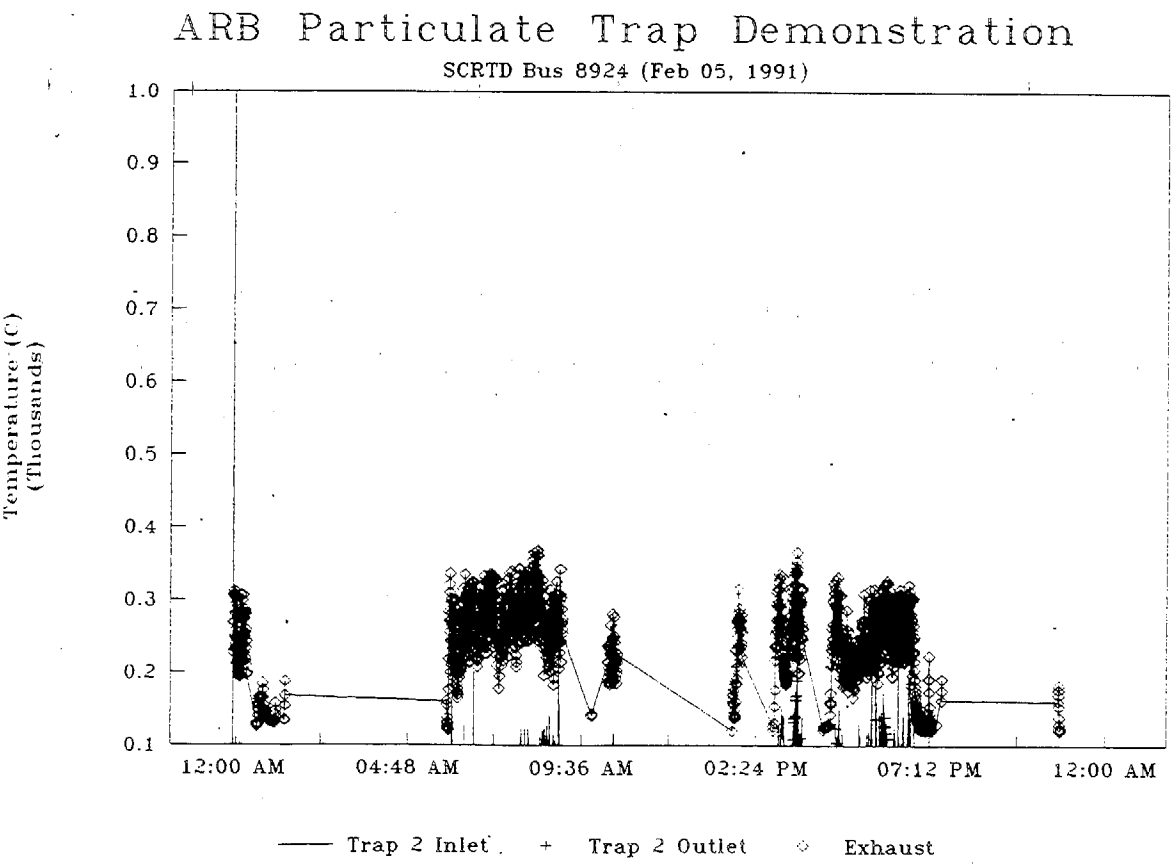


ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 05, 1991)

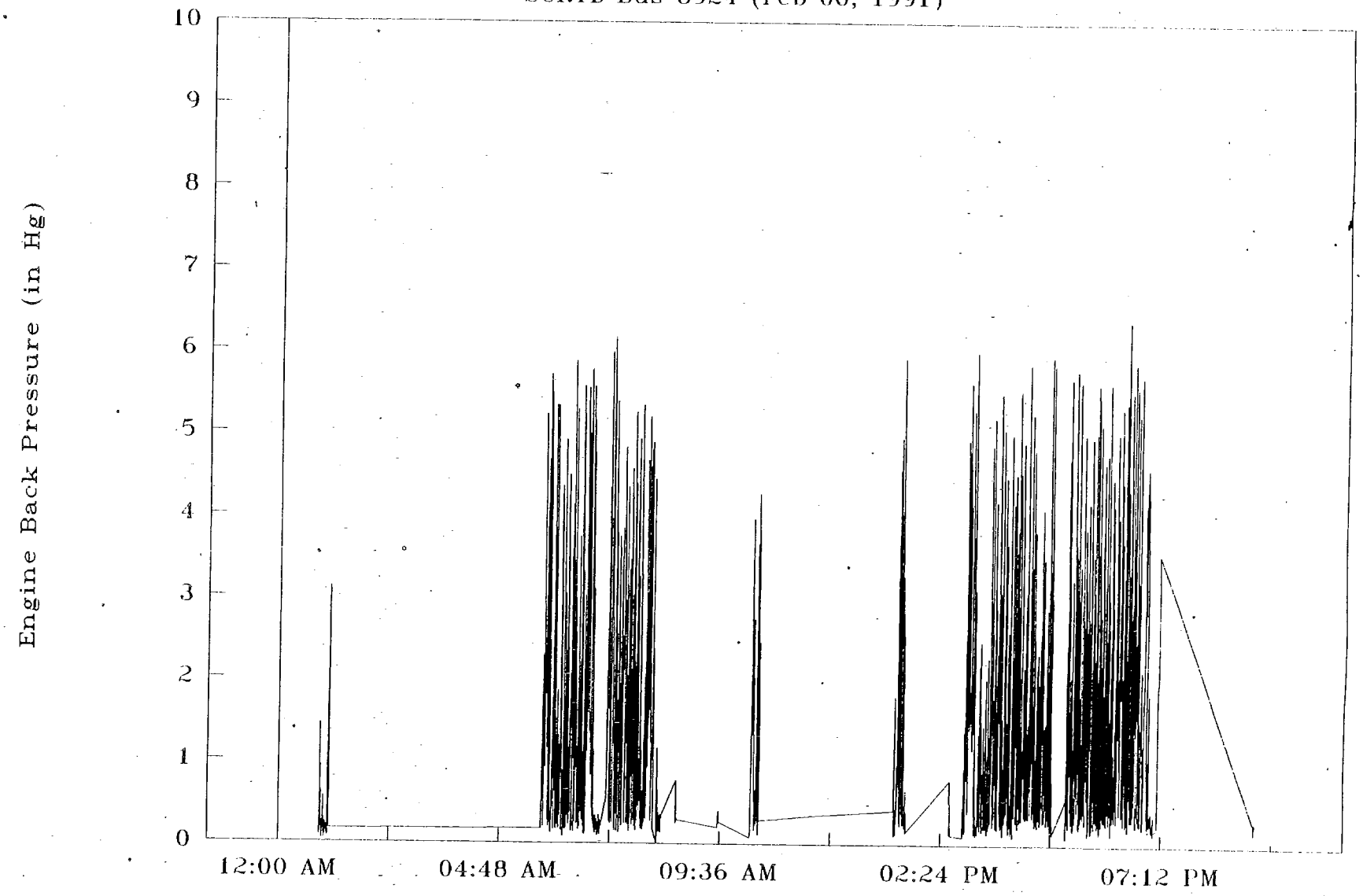


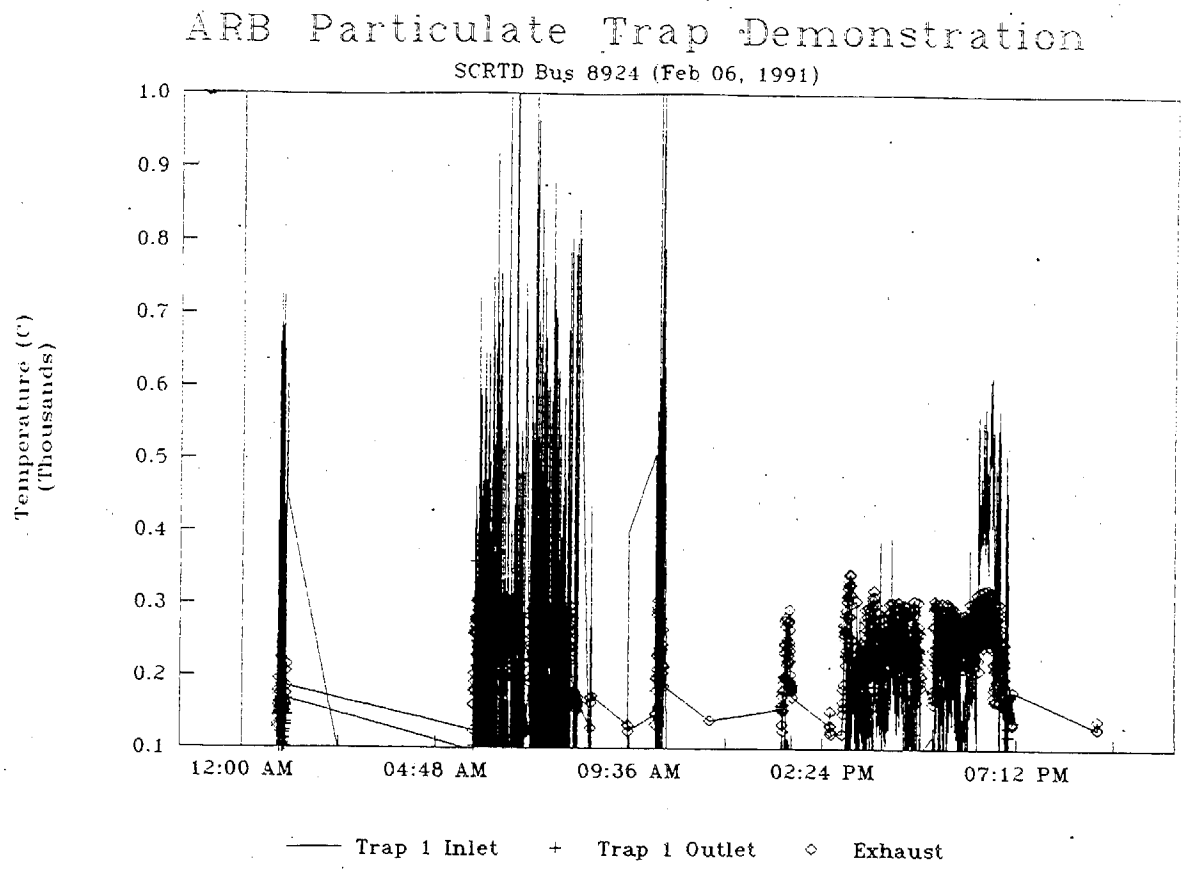

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 05, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
12:00 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

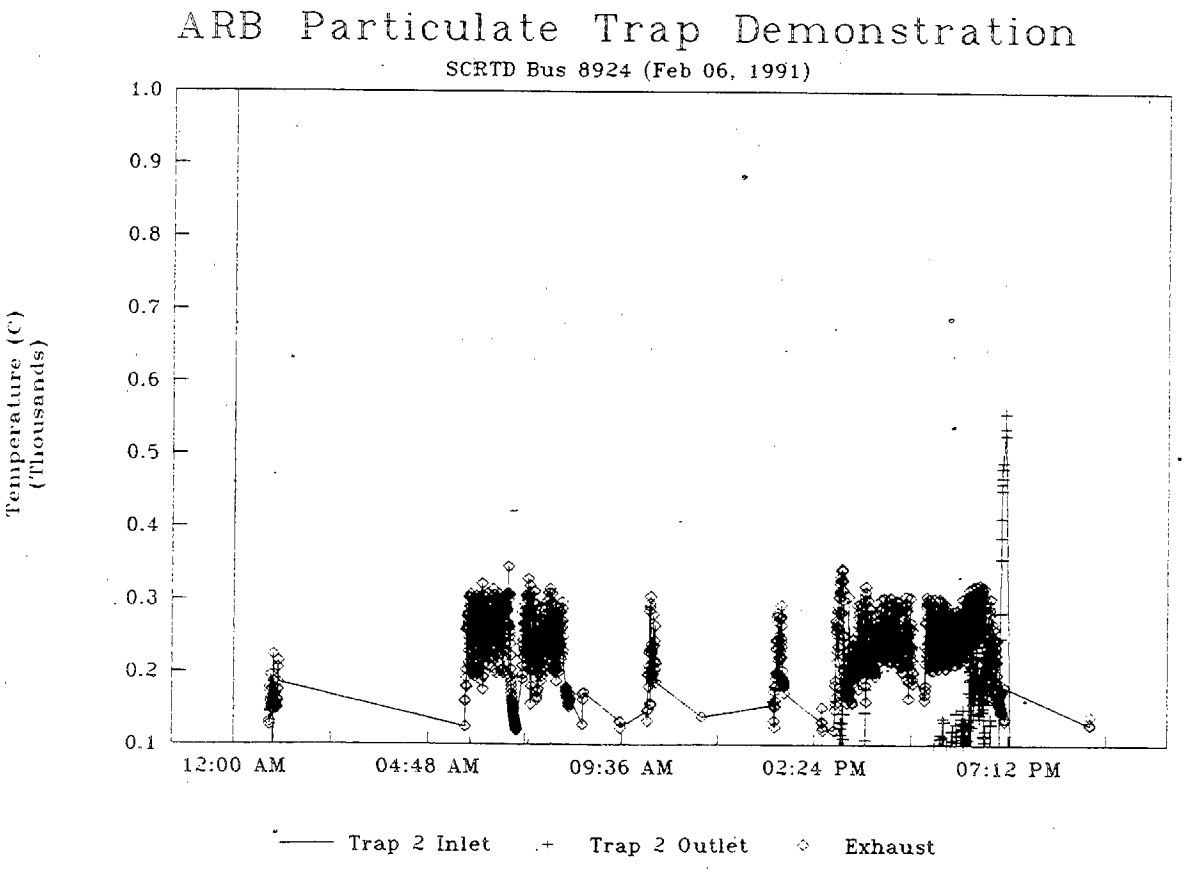

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 05, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
12:00 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 06, 1991)

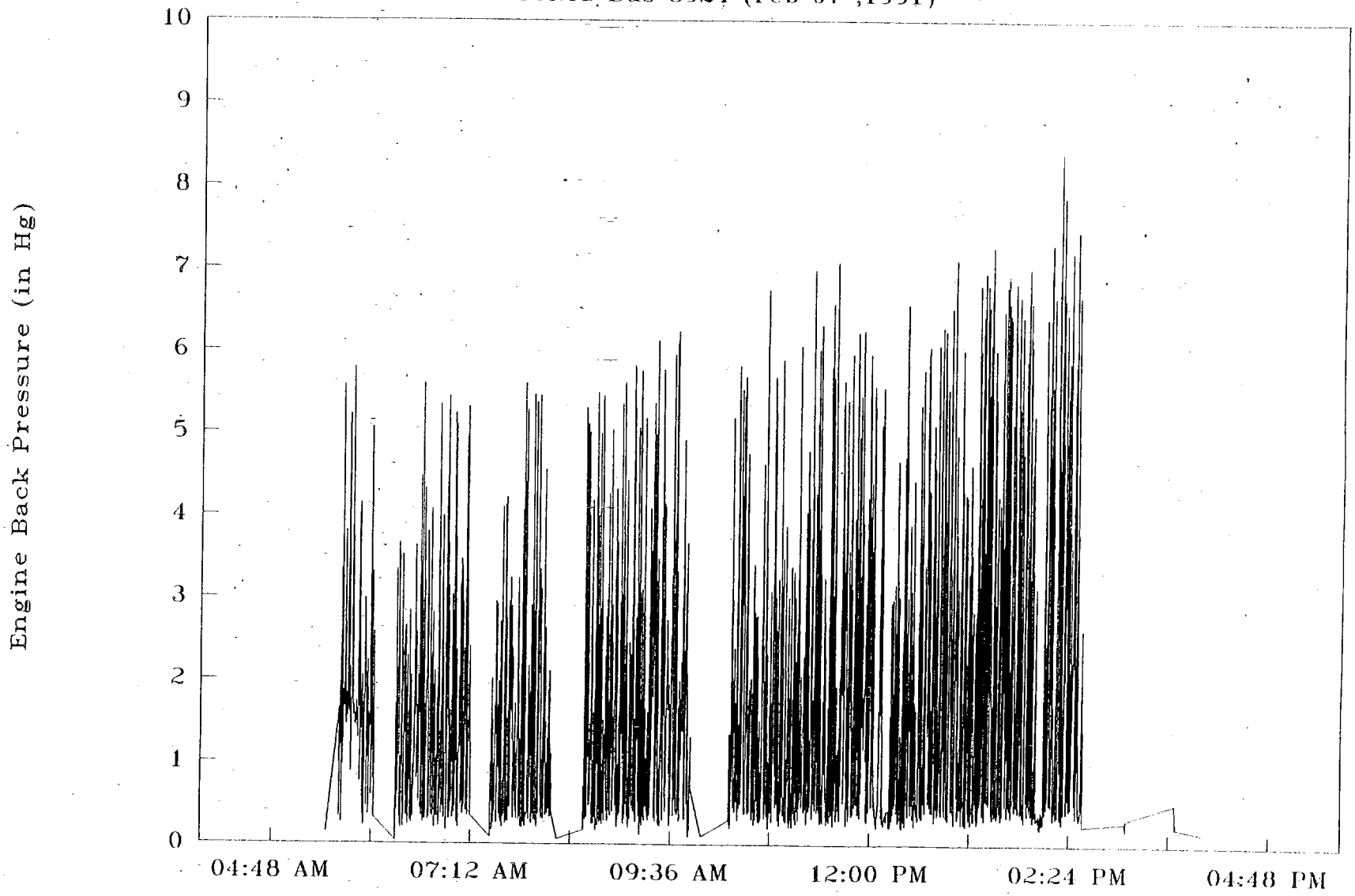


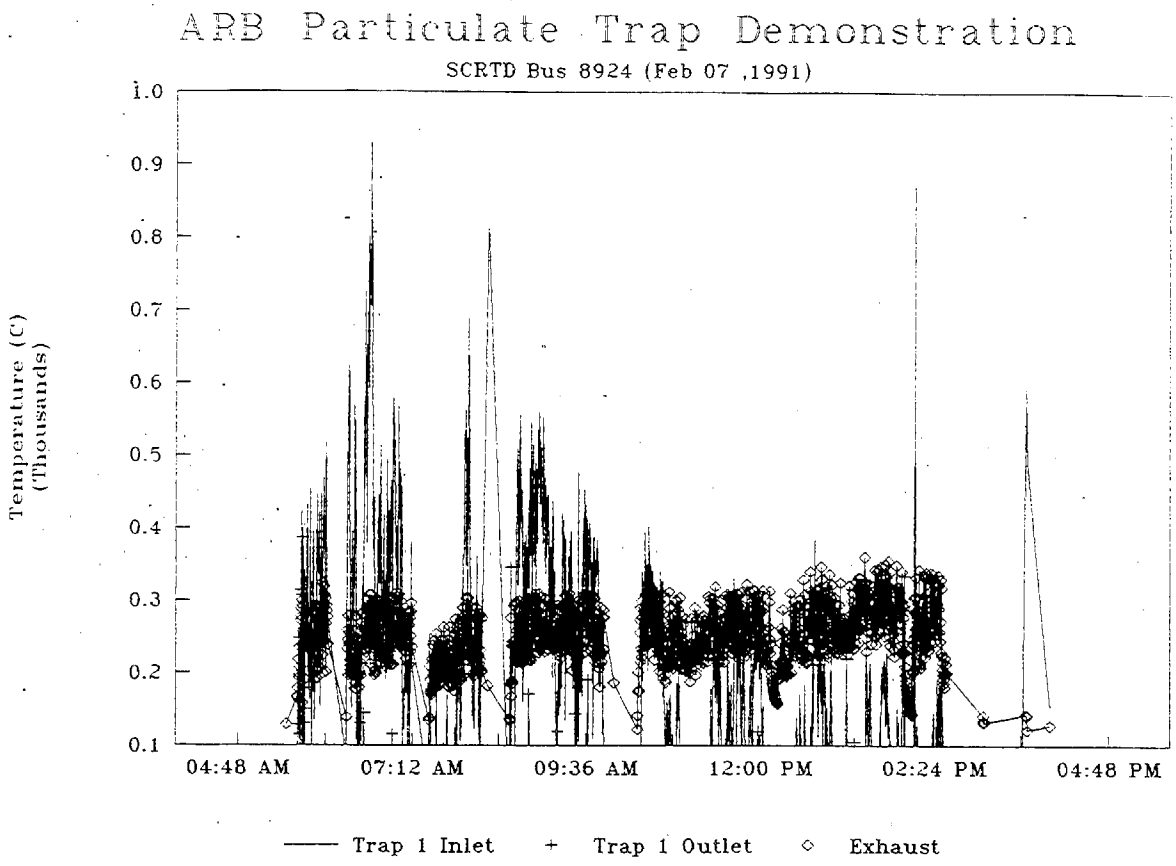

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 06, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

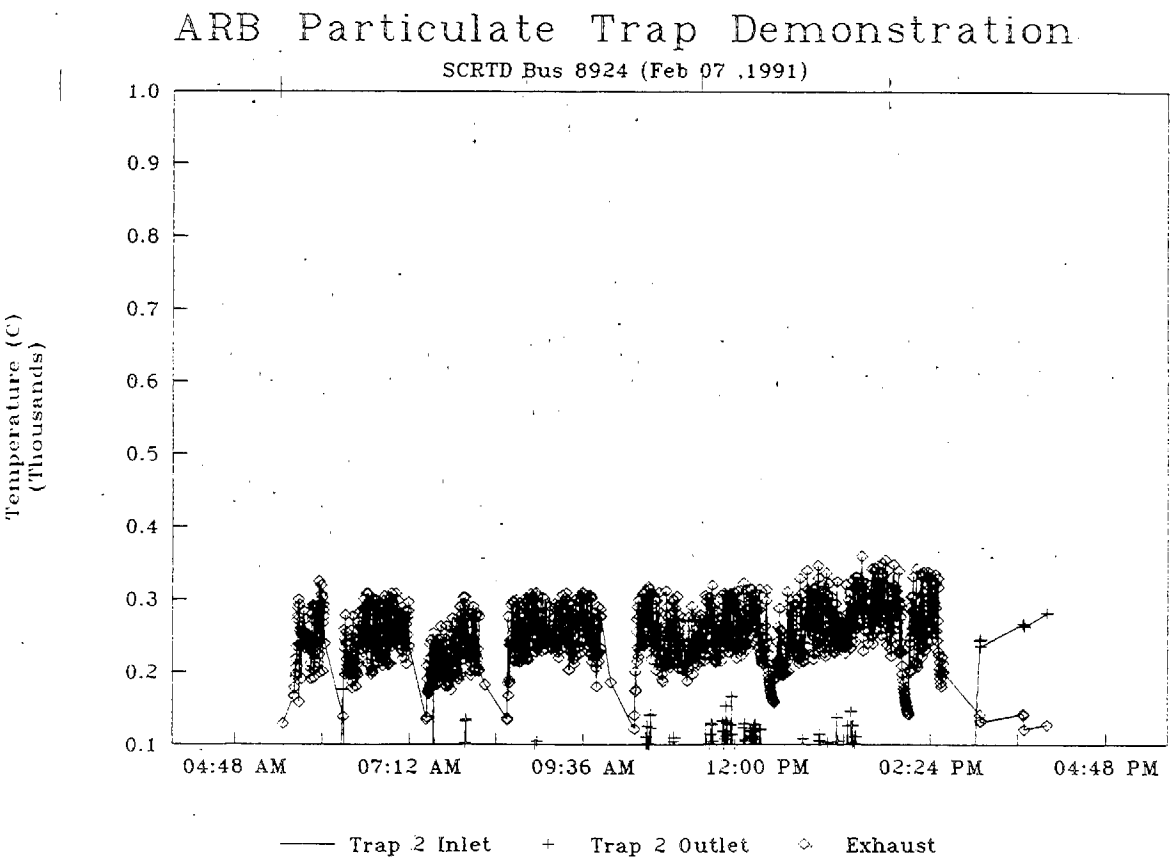

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 06, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 07 ,1991)

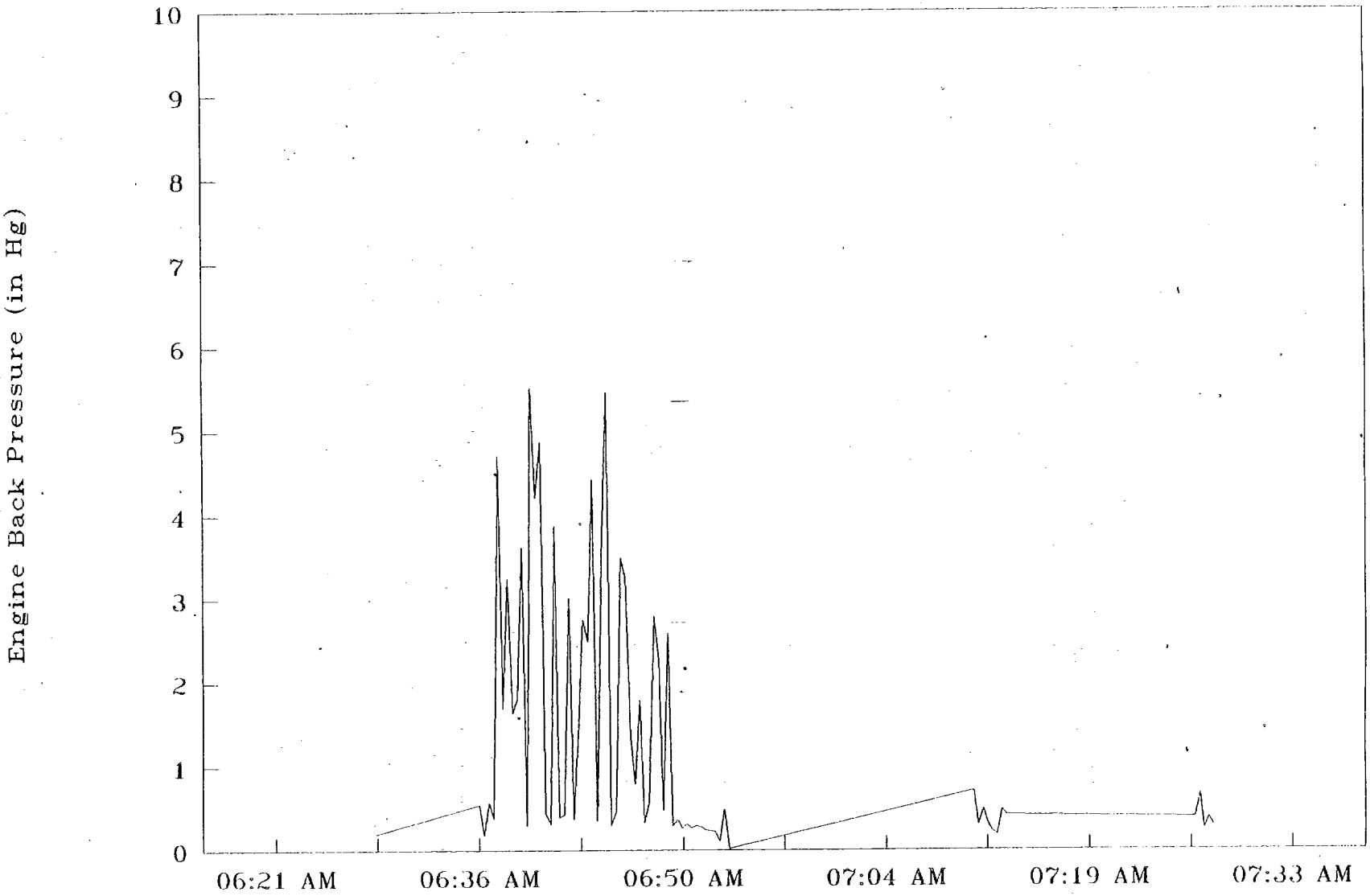


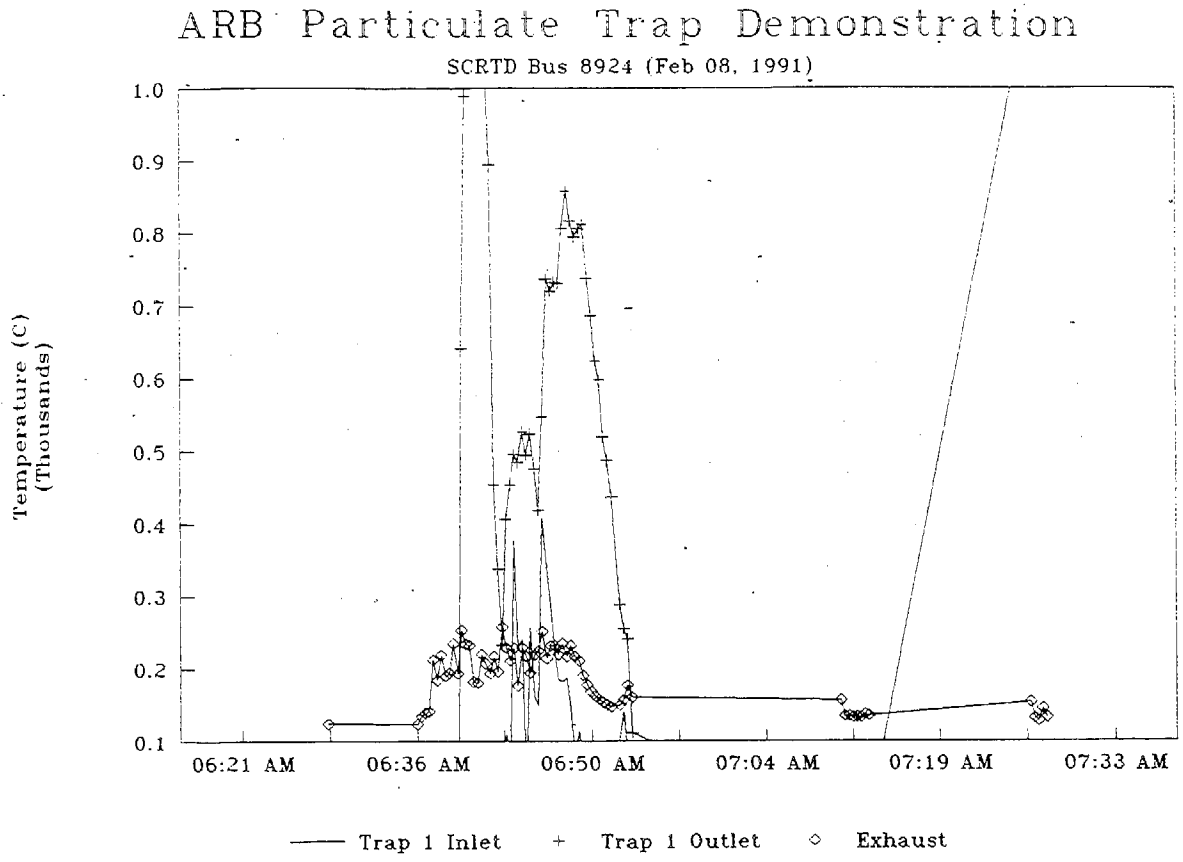

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 07 ,1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
07:12 AM
09:36 AM
12:00 PM
02:24 PM
04:48 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

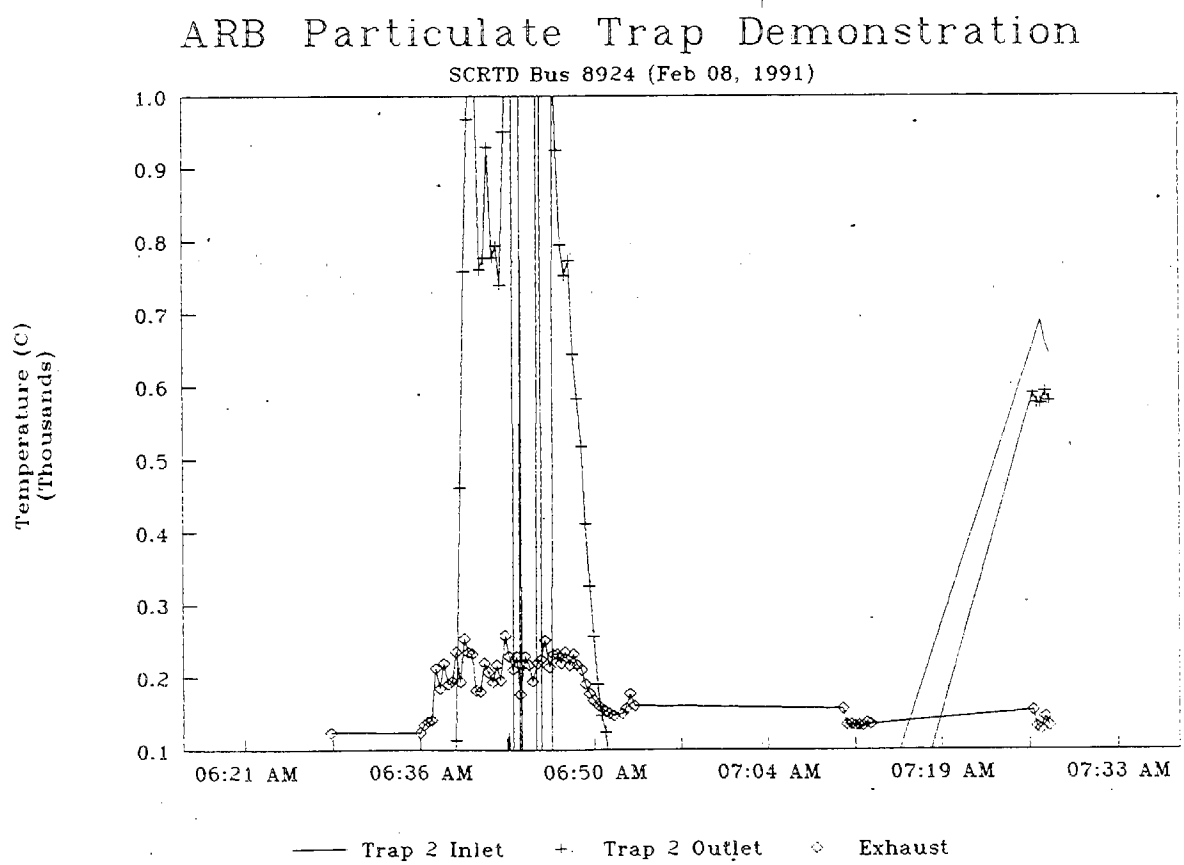

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 07 ,1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
07:12 AM
09:36 AM
12:00 PM
02:24 PM
04:48 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 08, 1991)

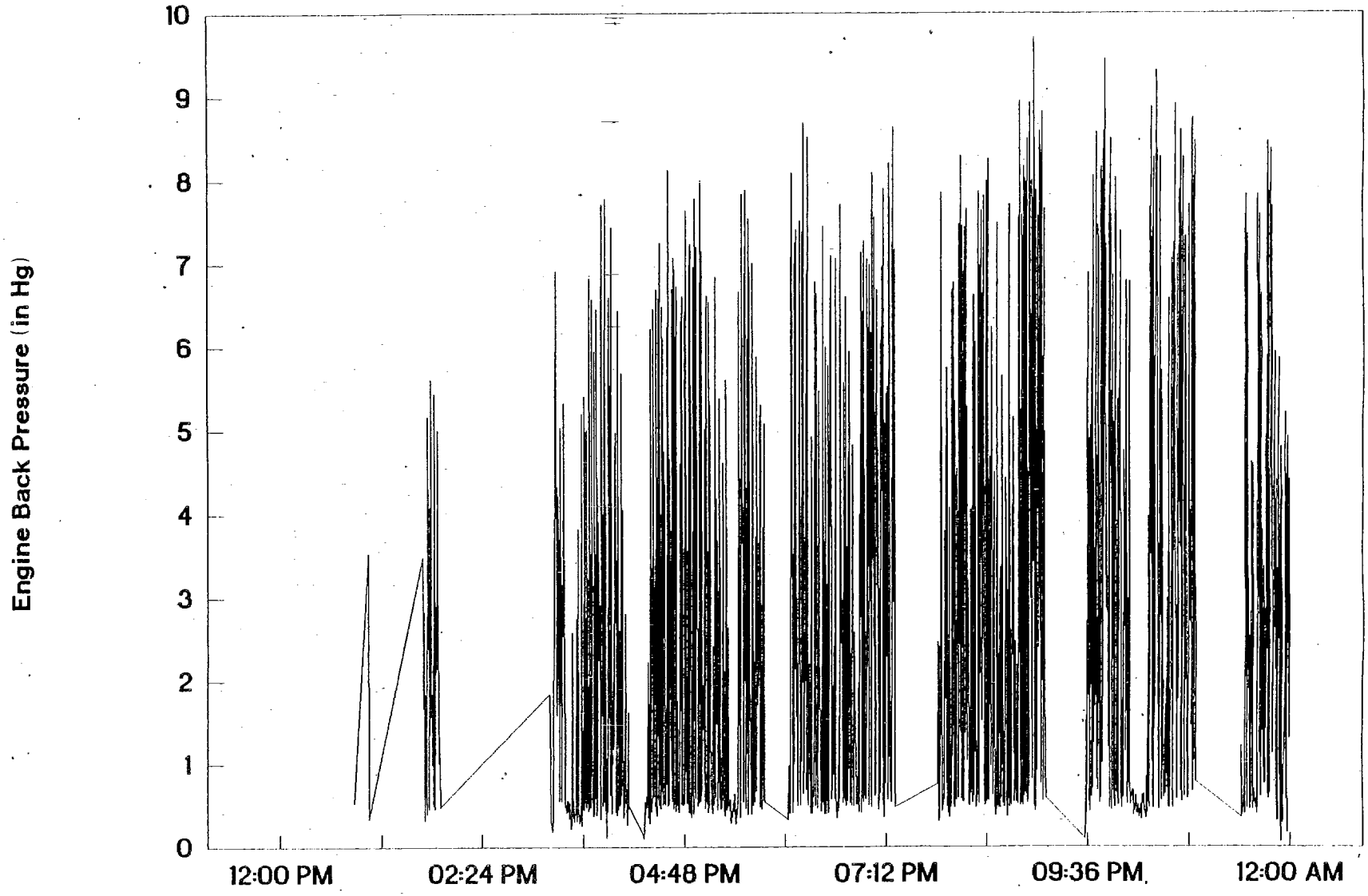



ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 08, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
06:21 AM
06:36 AM
06:50 AM
07:04 AM
07:19 AM
07:33 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 08, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
06:21 AM
06:36 AM
06:50 AM
07:04 AM
07:19 AM
07:33 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

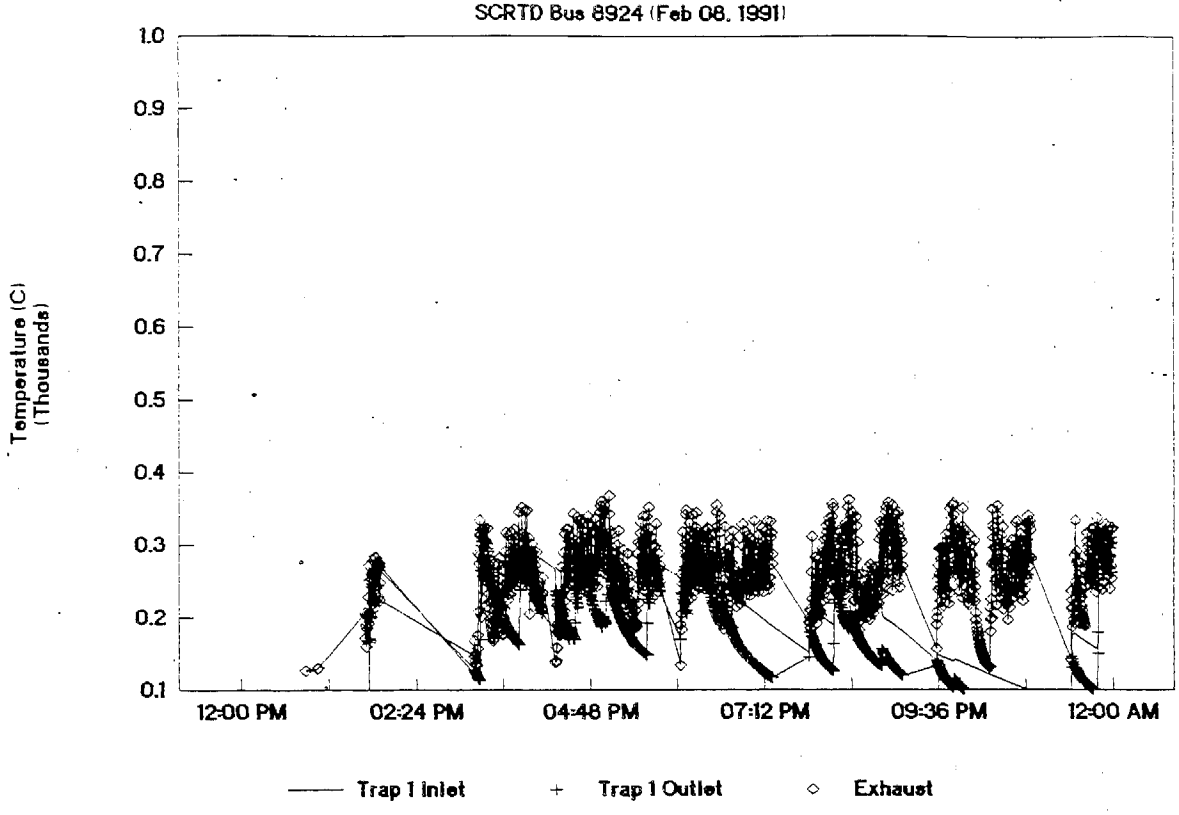
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 08, 1991)



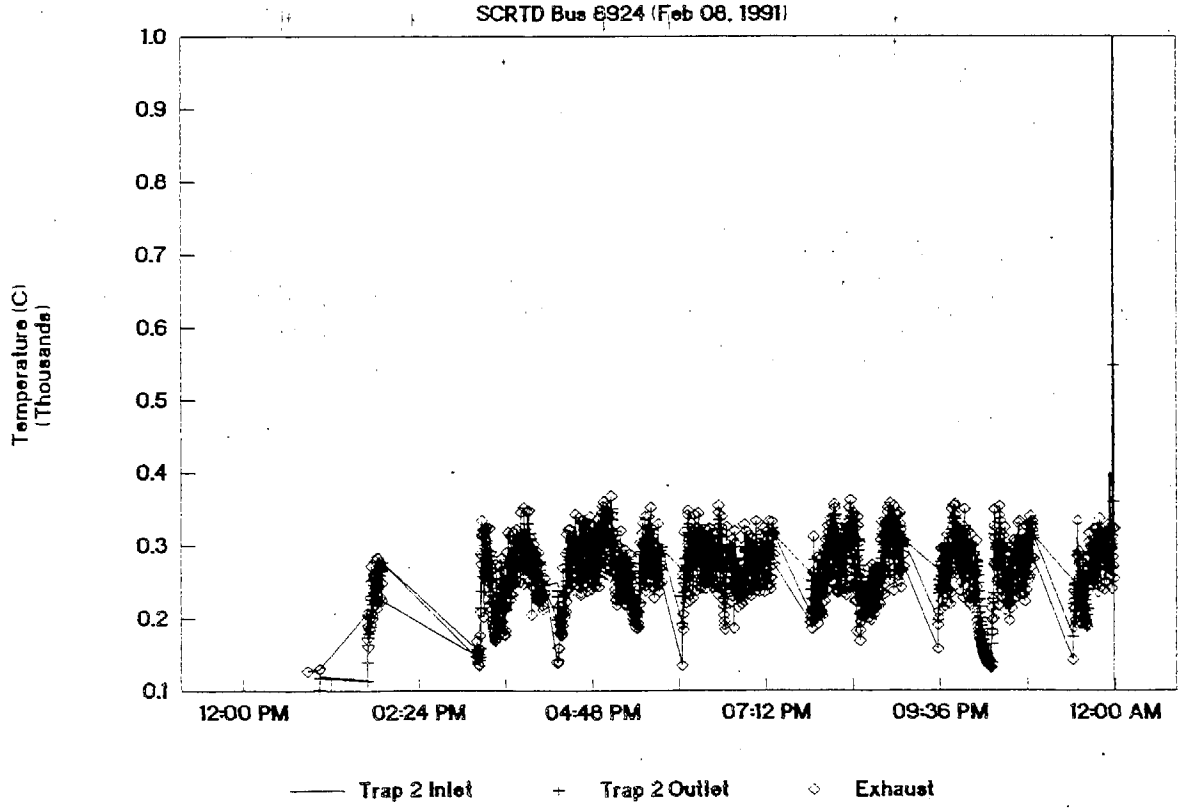
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 08, 1991)



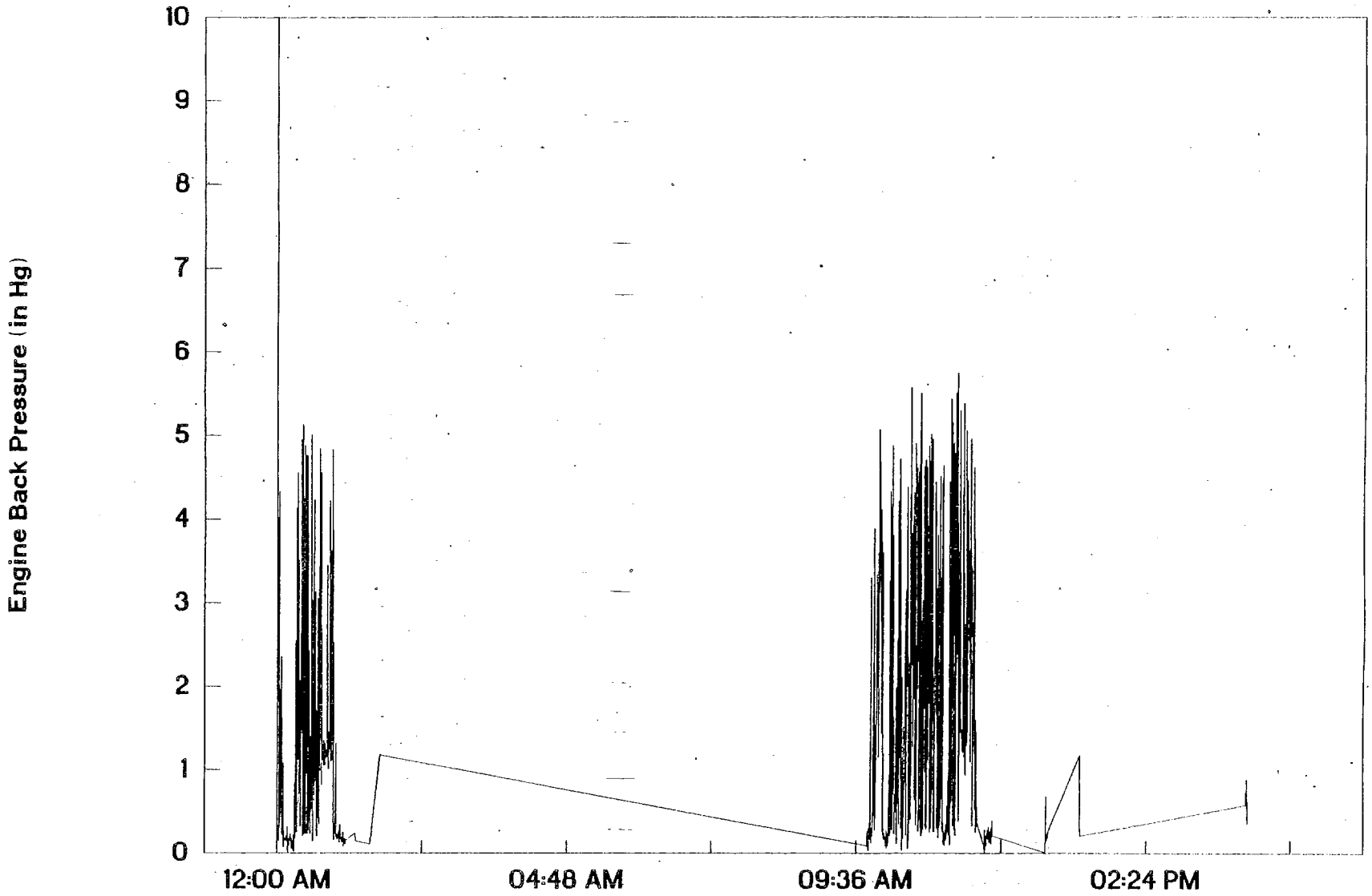
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 08, 1991)



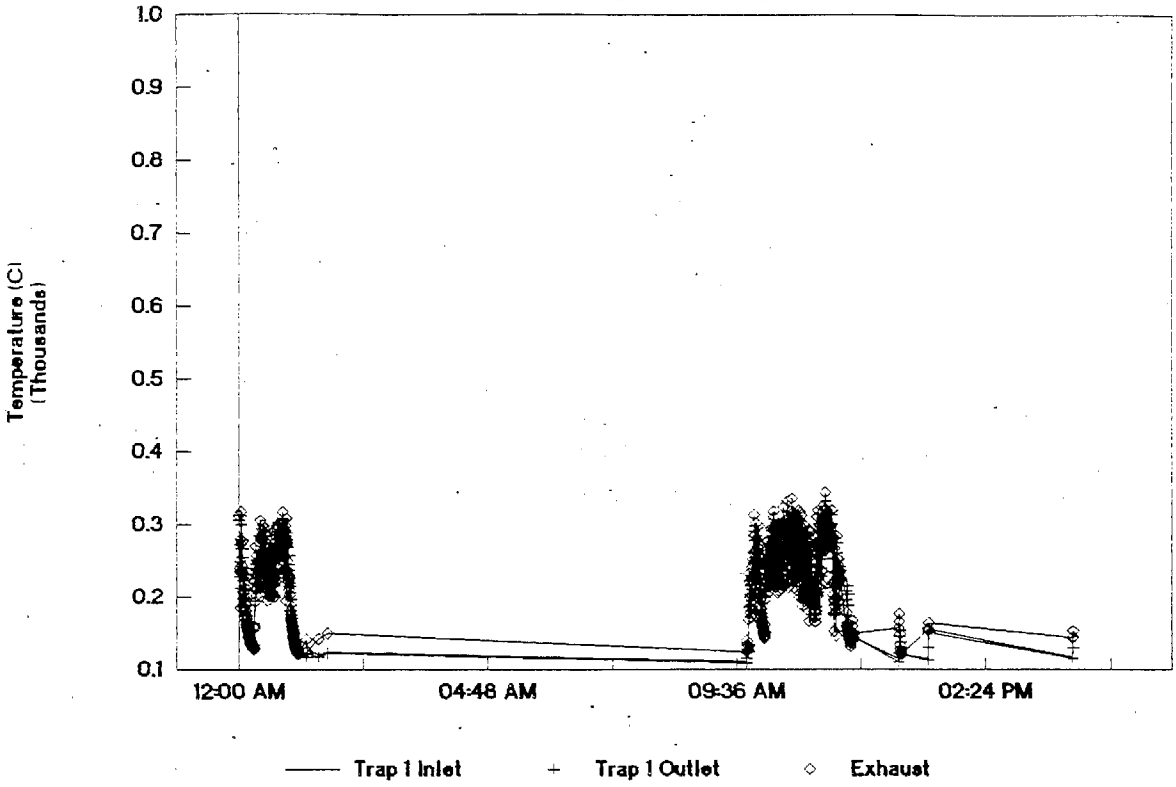
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 09, 1991)



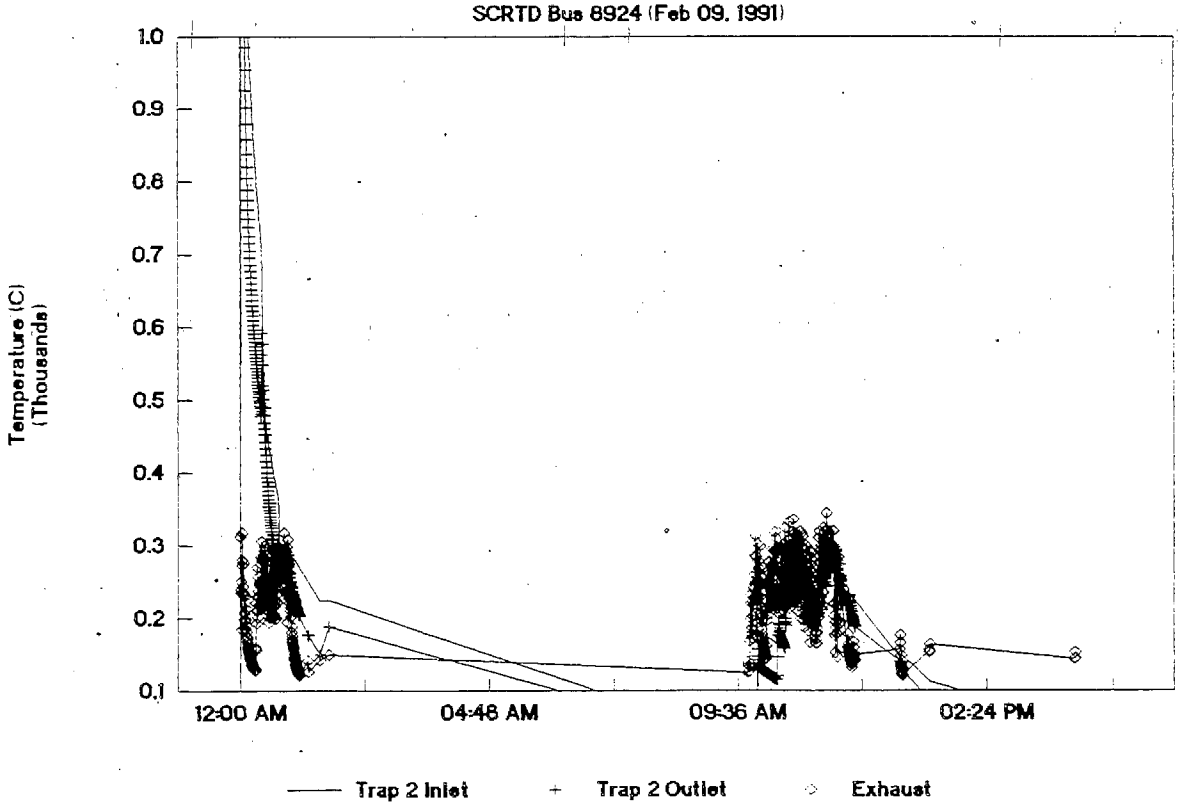
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 09, 1991)



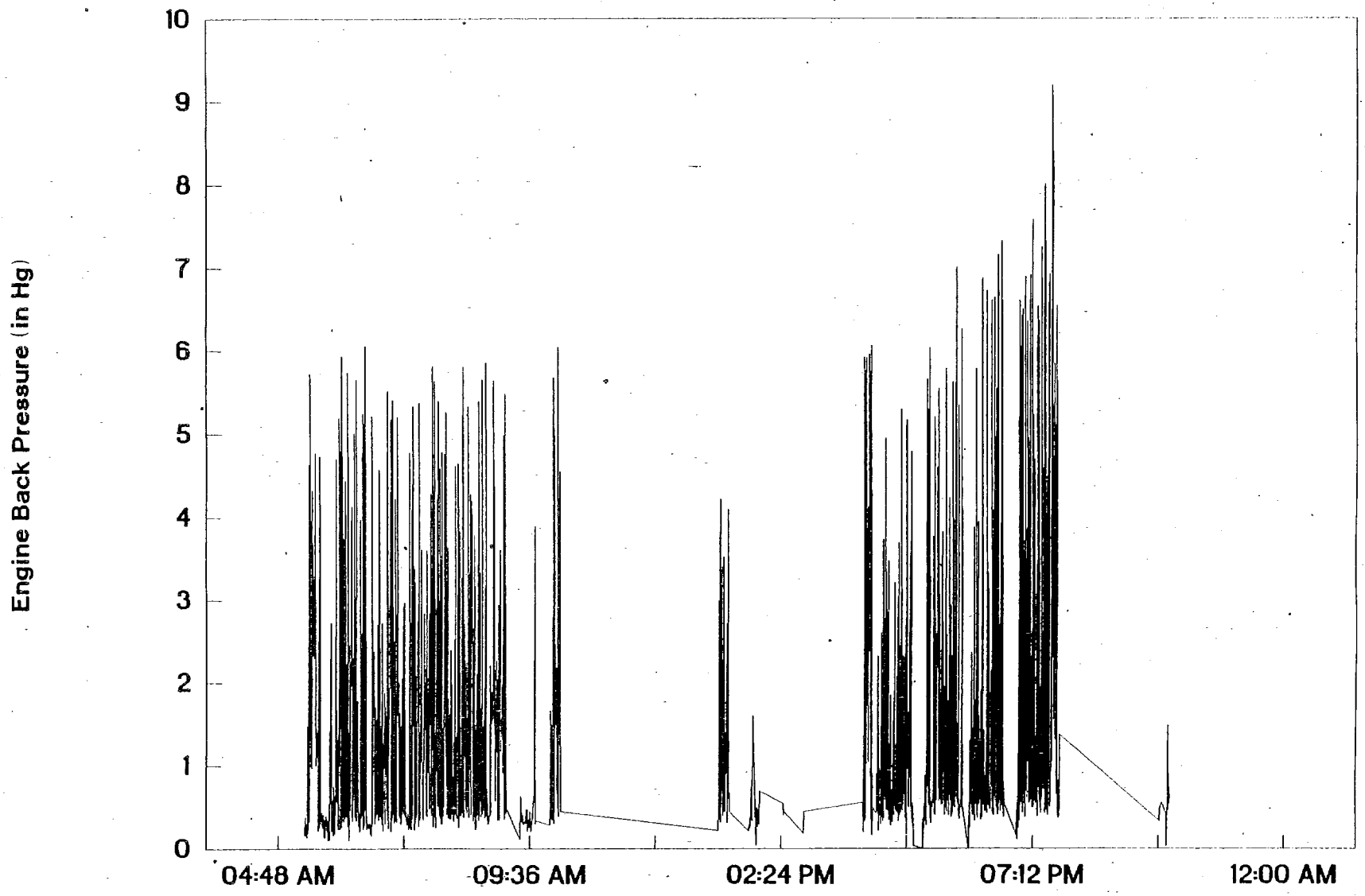
ARB Particulate Trap Demonstration

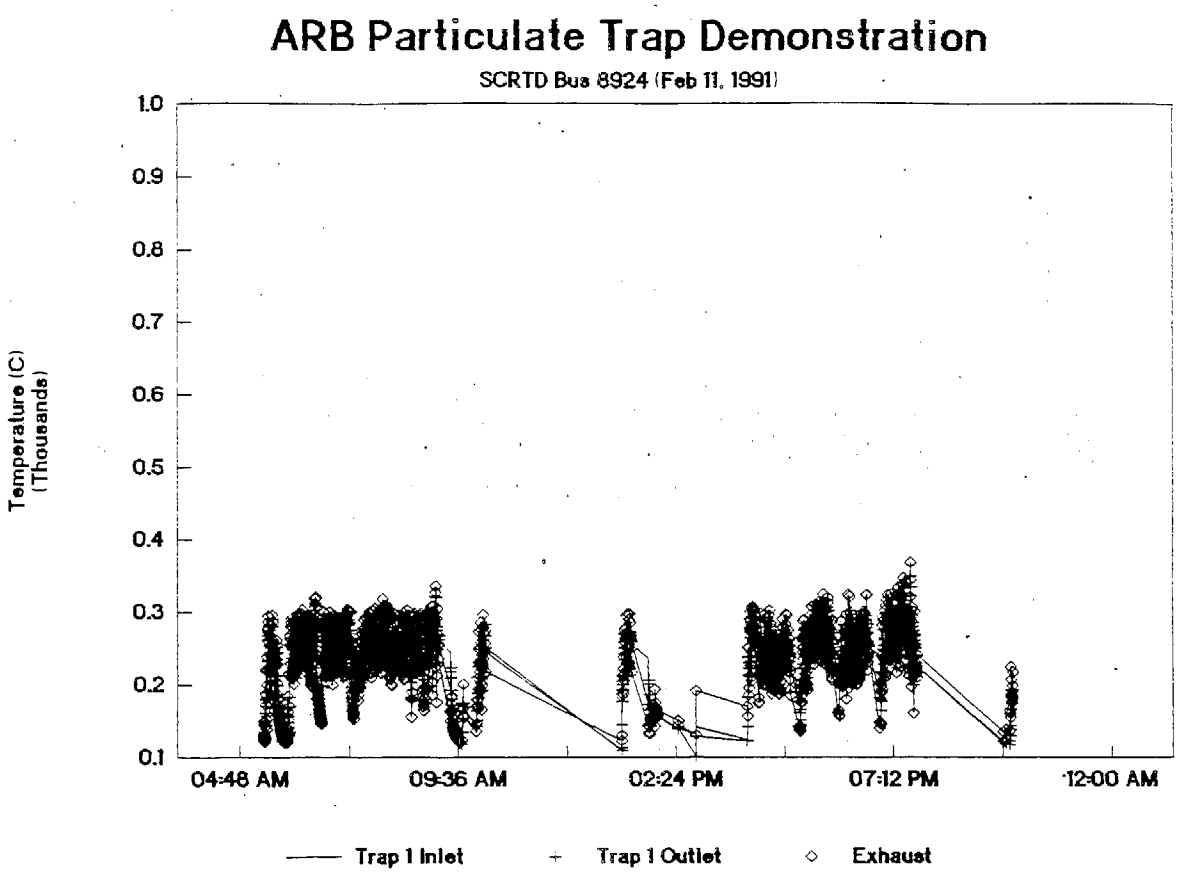
SCRTD Bus 8924 (Feb 09, 1991)

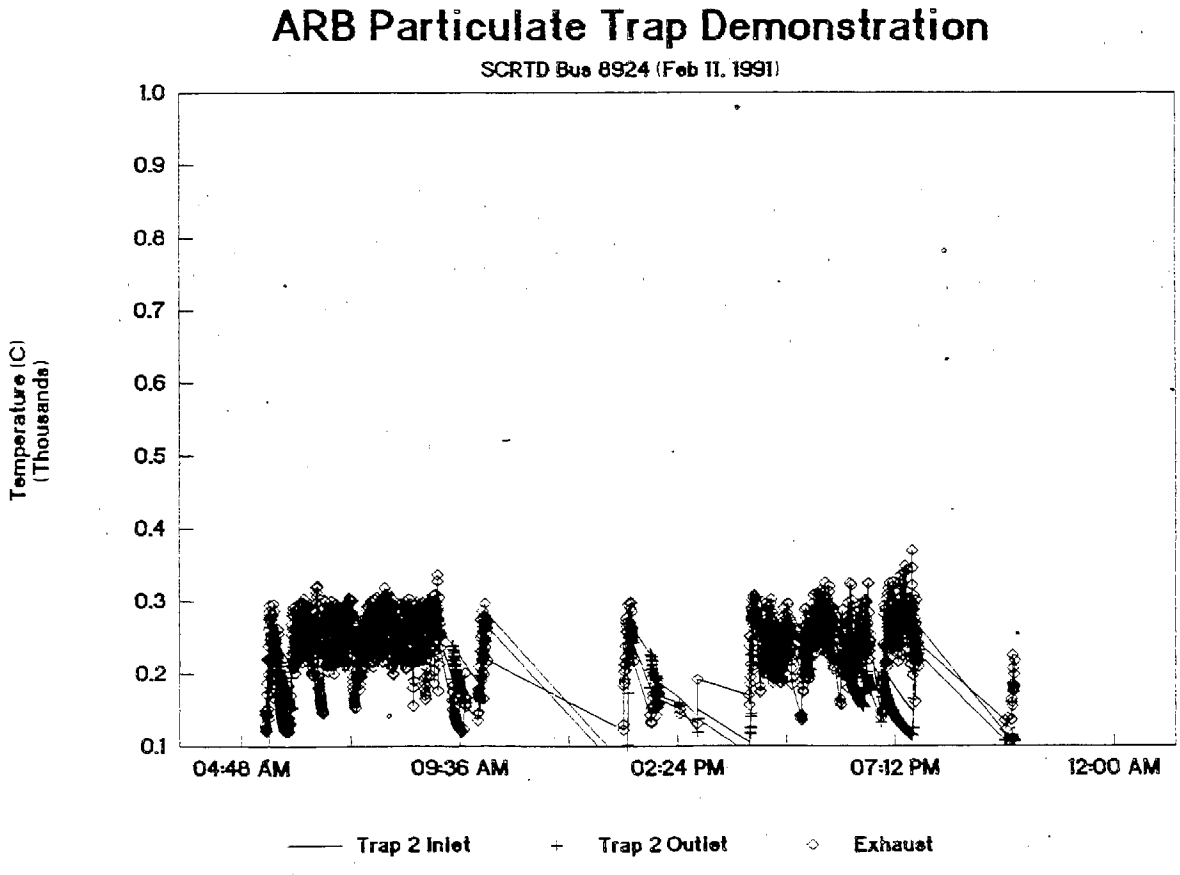


ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 11, 1991)

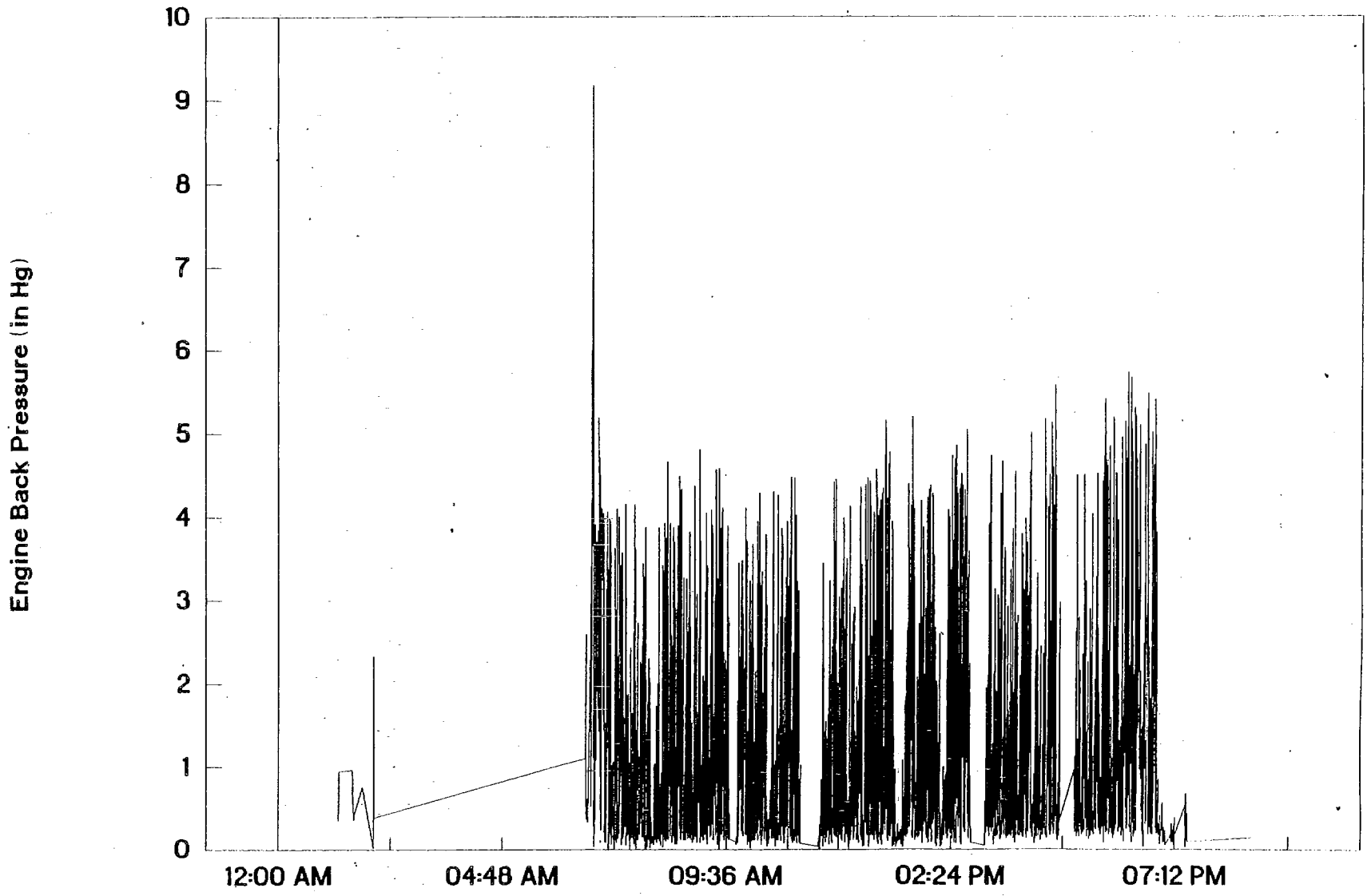



ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 11, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
12:00 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Feb 11, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
04:48 AM
09:36 AM
02:24 PM
07:12 PM
12:00 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

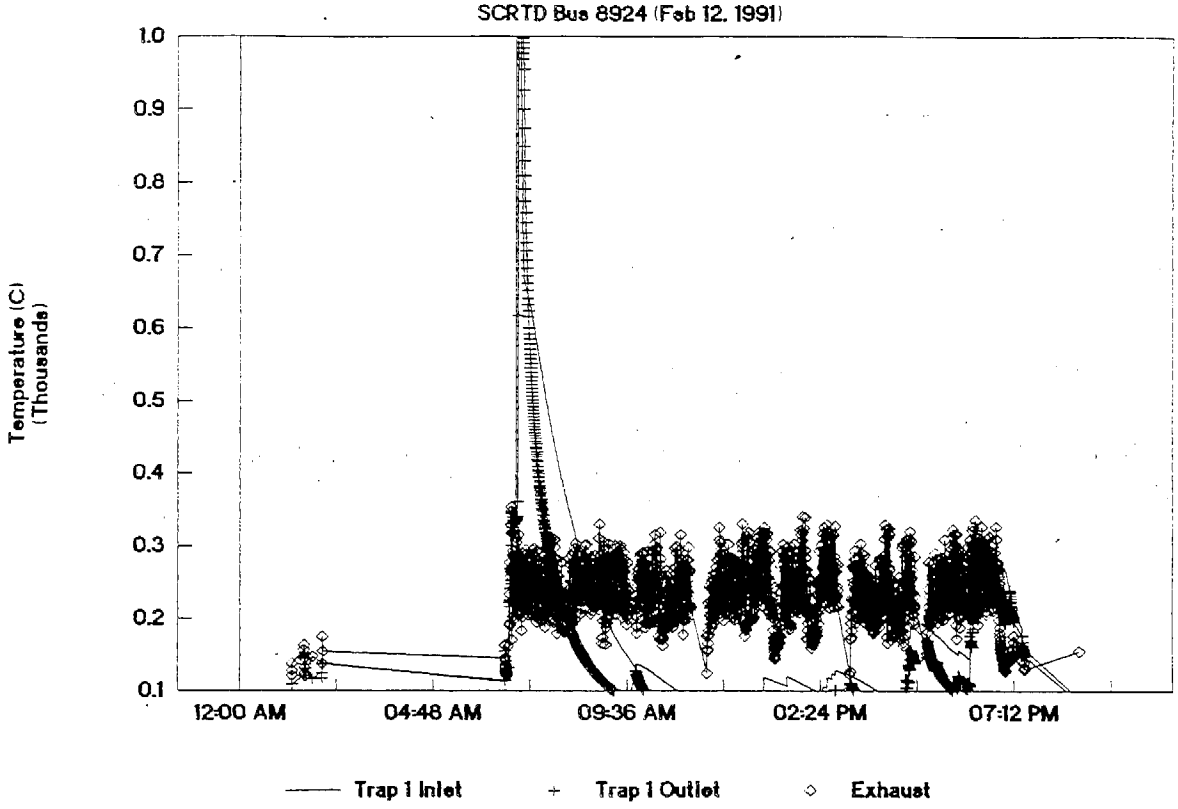
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 12, 1991)



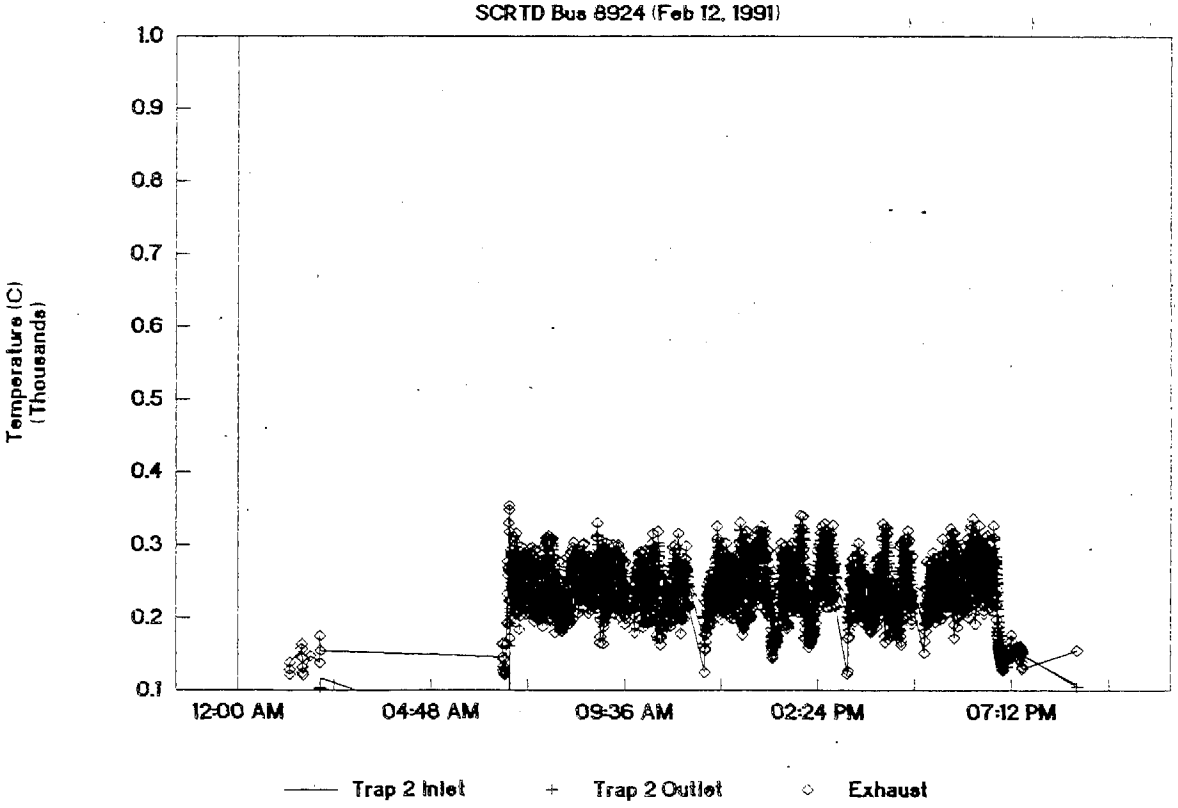
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 12, 1991)



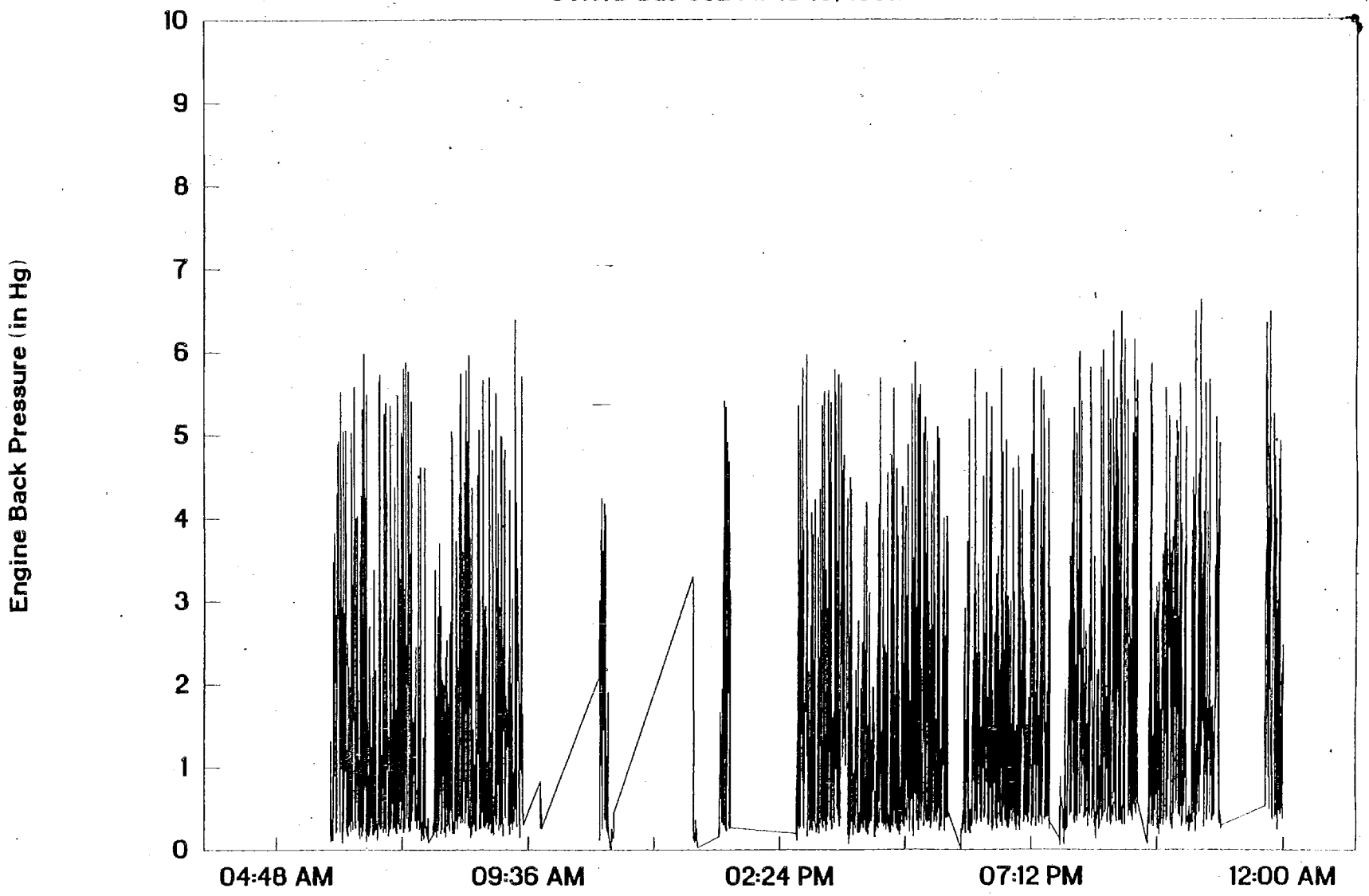
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 12, 1991)



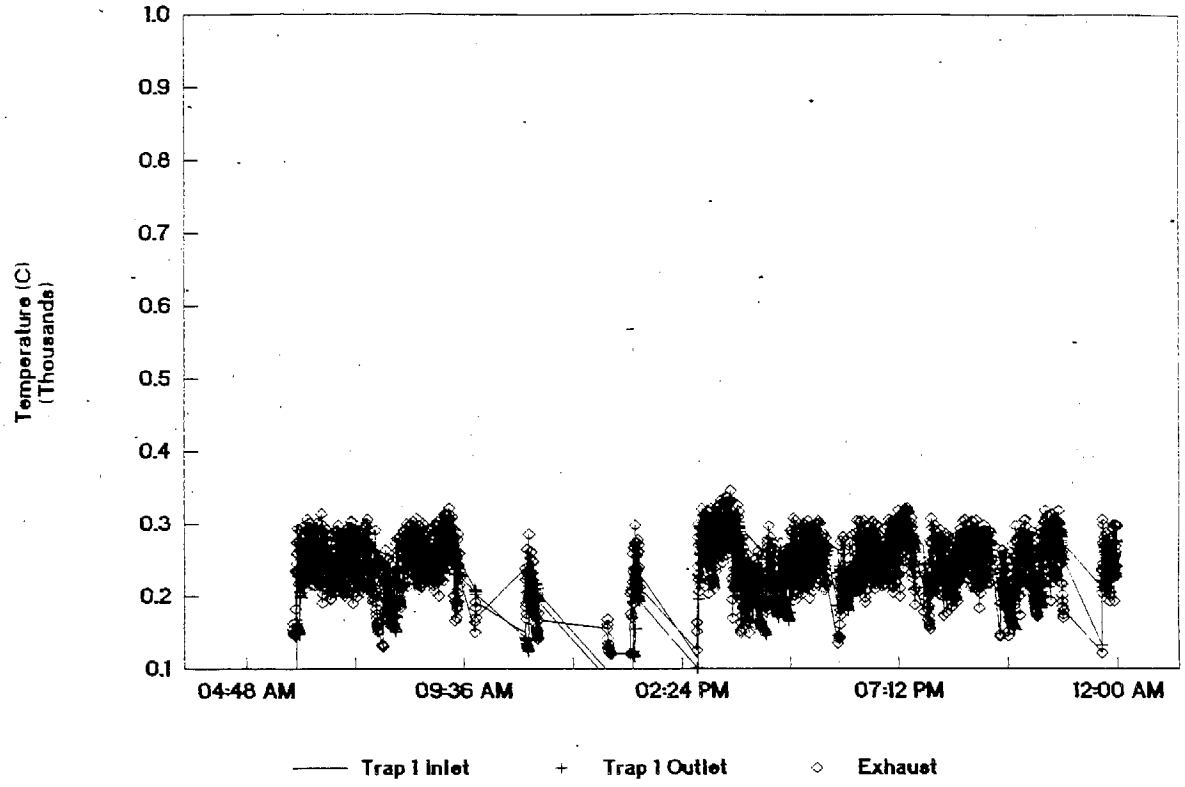
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 13, 1991)



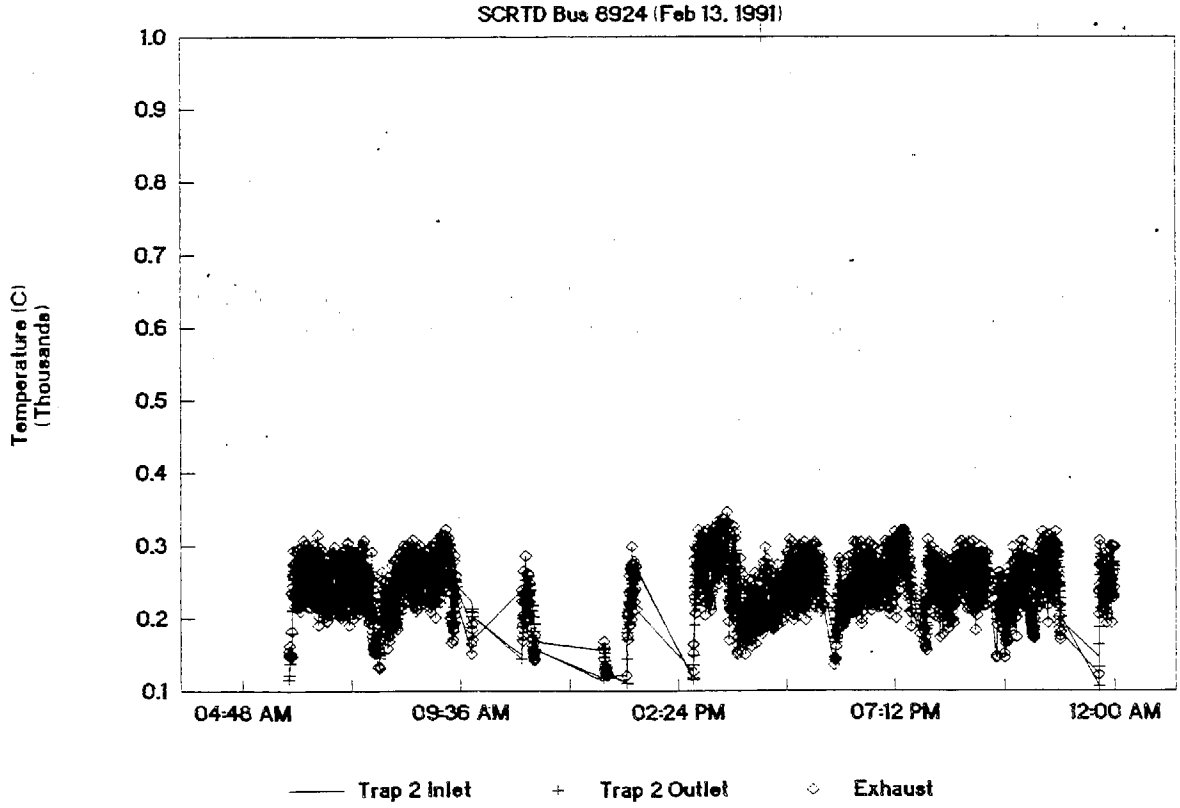
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 13, 1991)



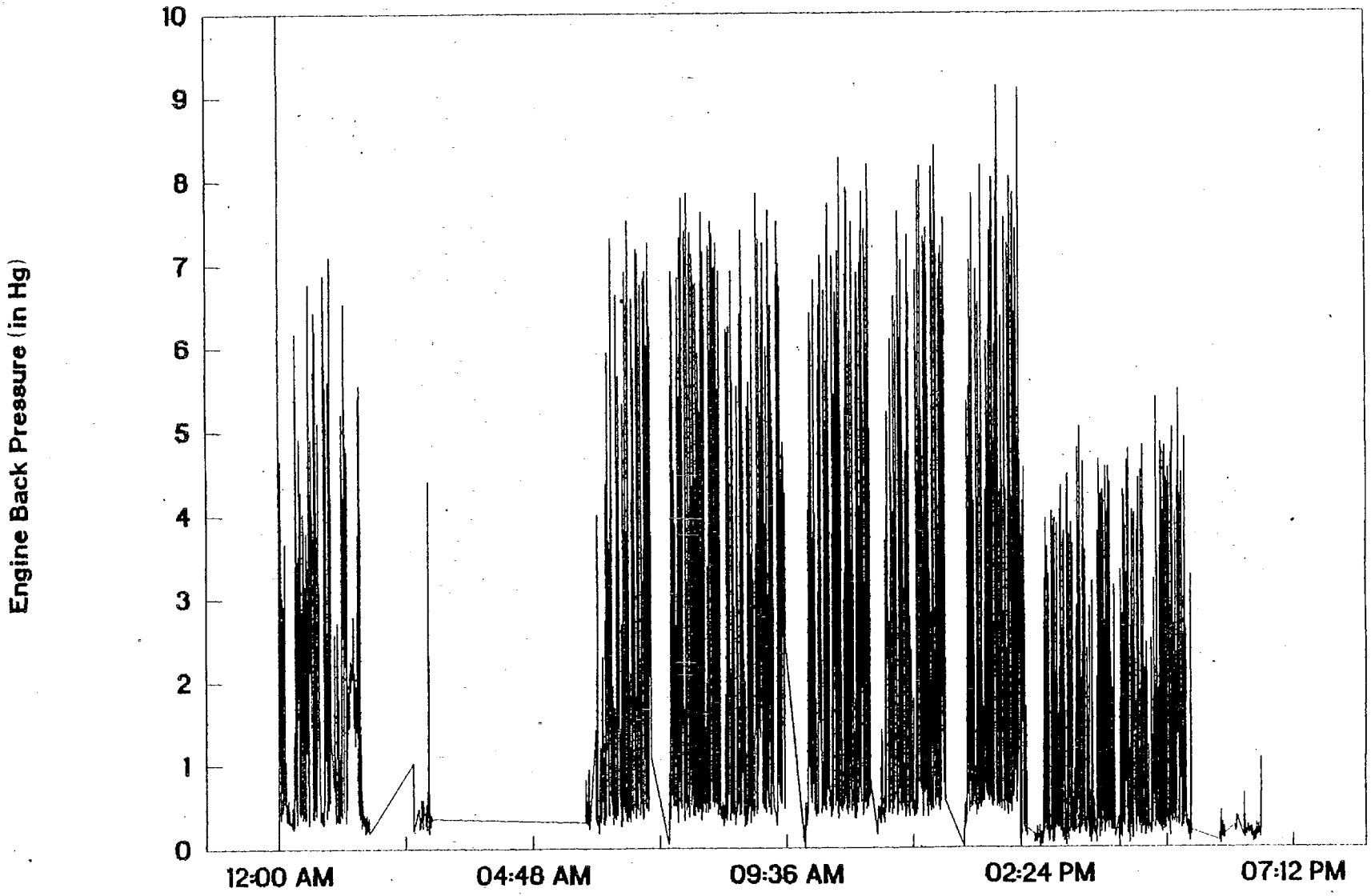
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 13, 1991)



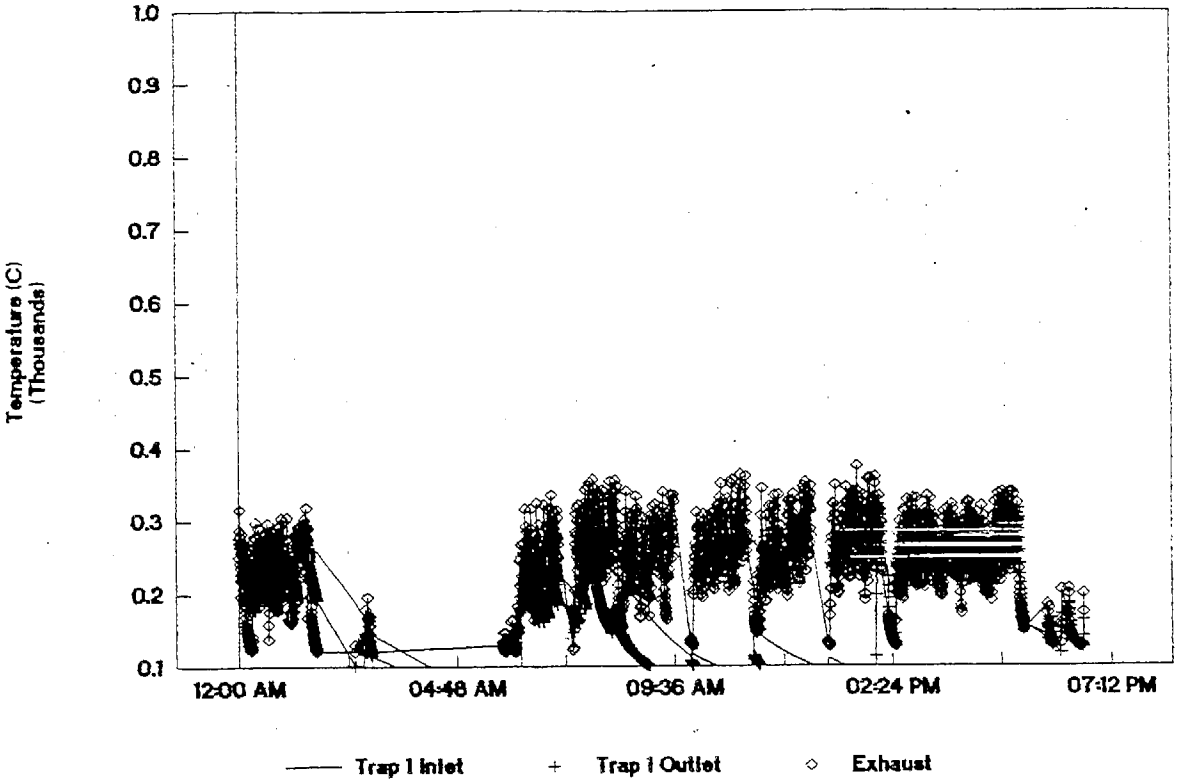
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 14, 1991)



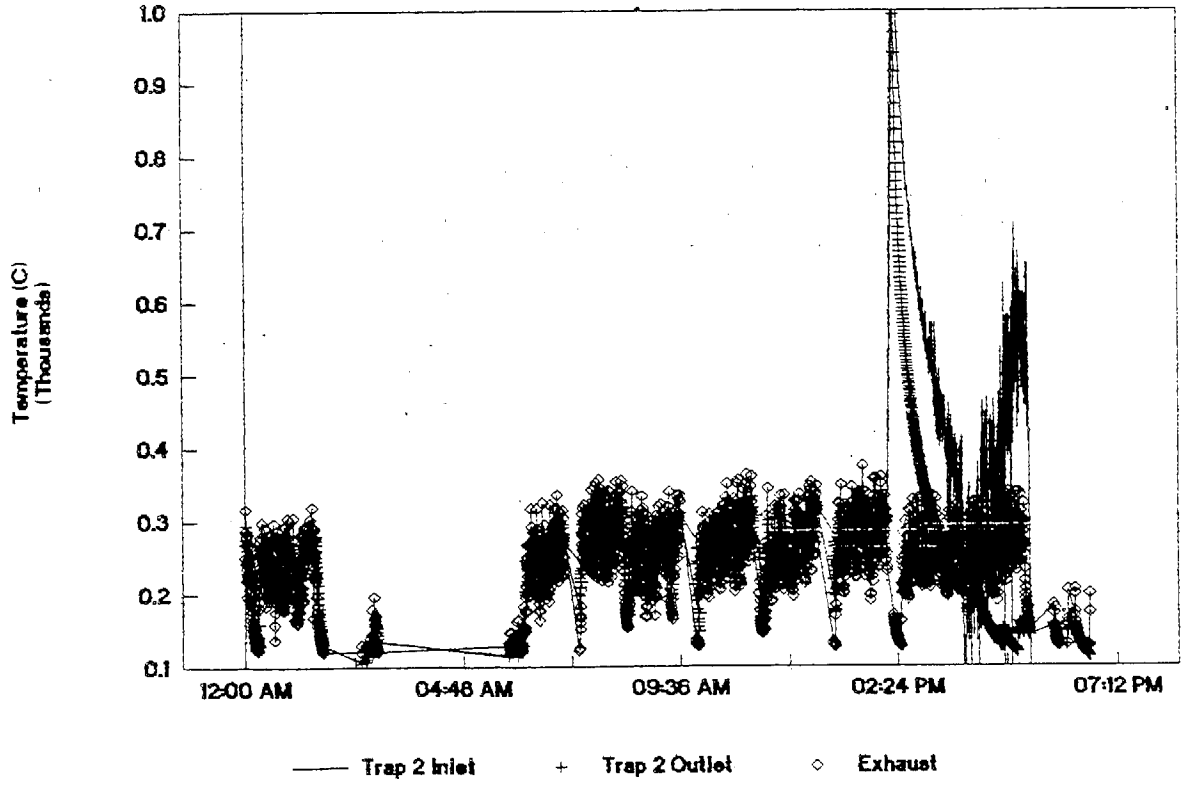
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 14, 1991)



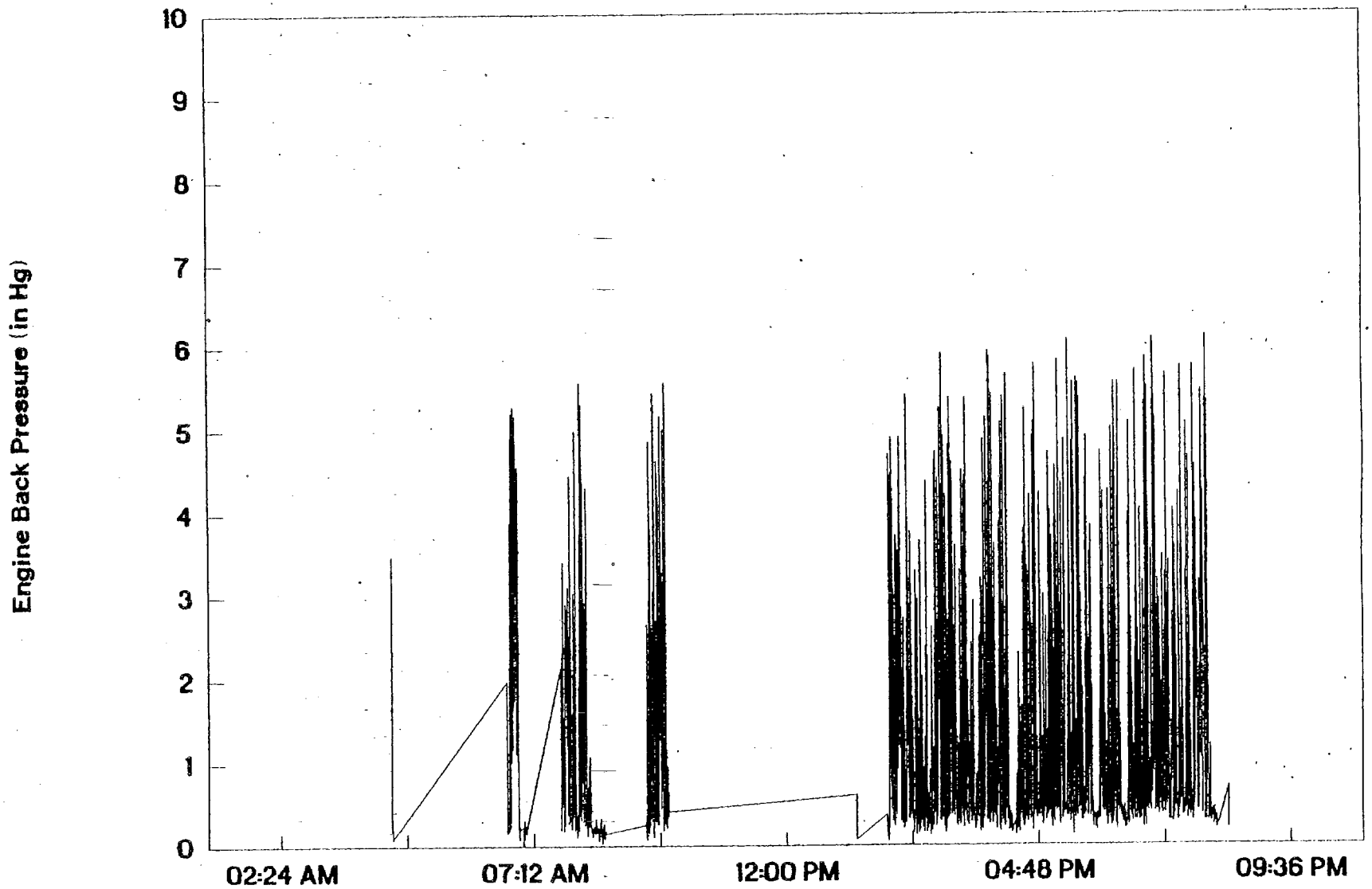
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 14, 1991)



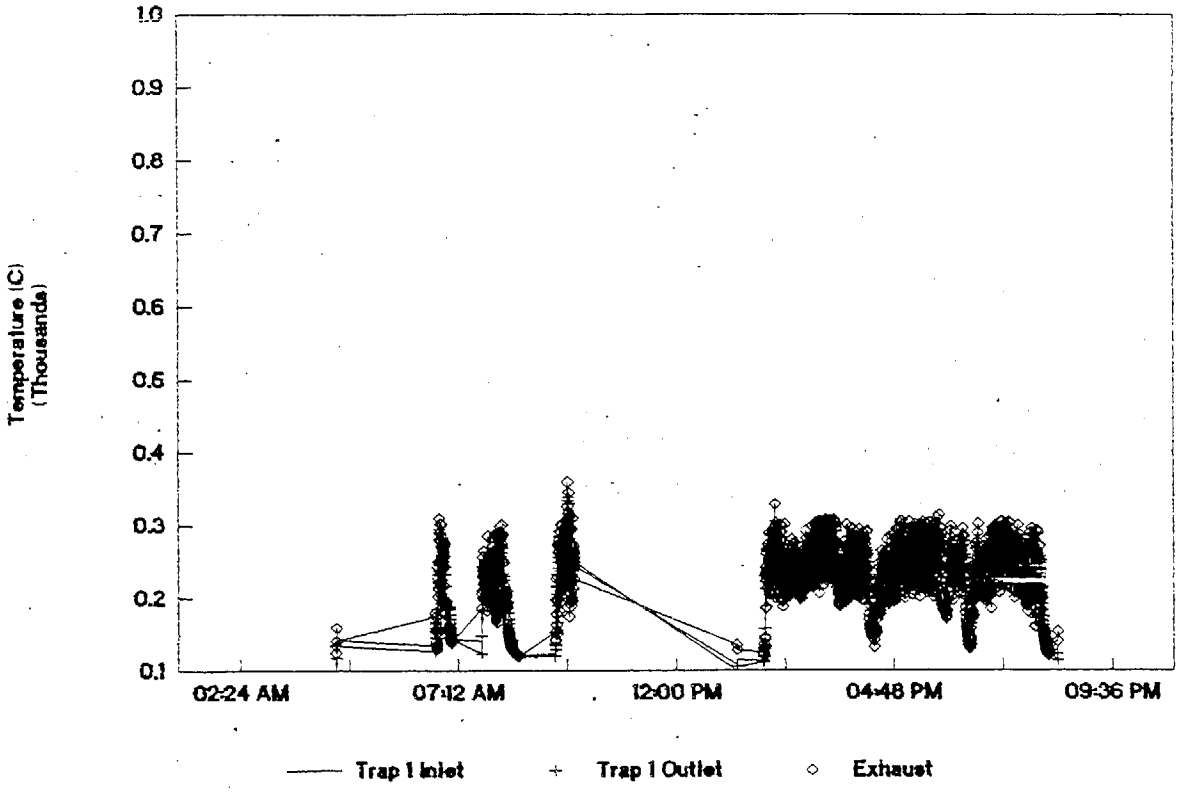
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 15, 1991)



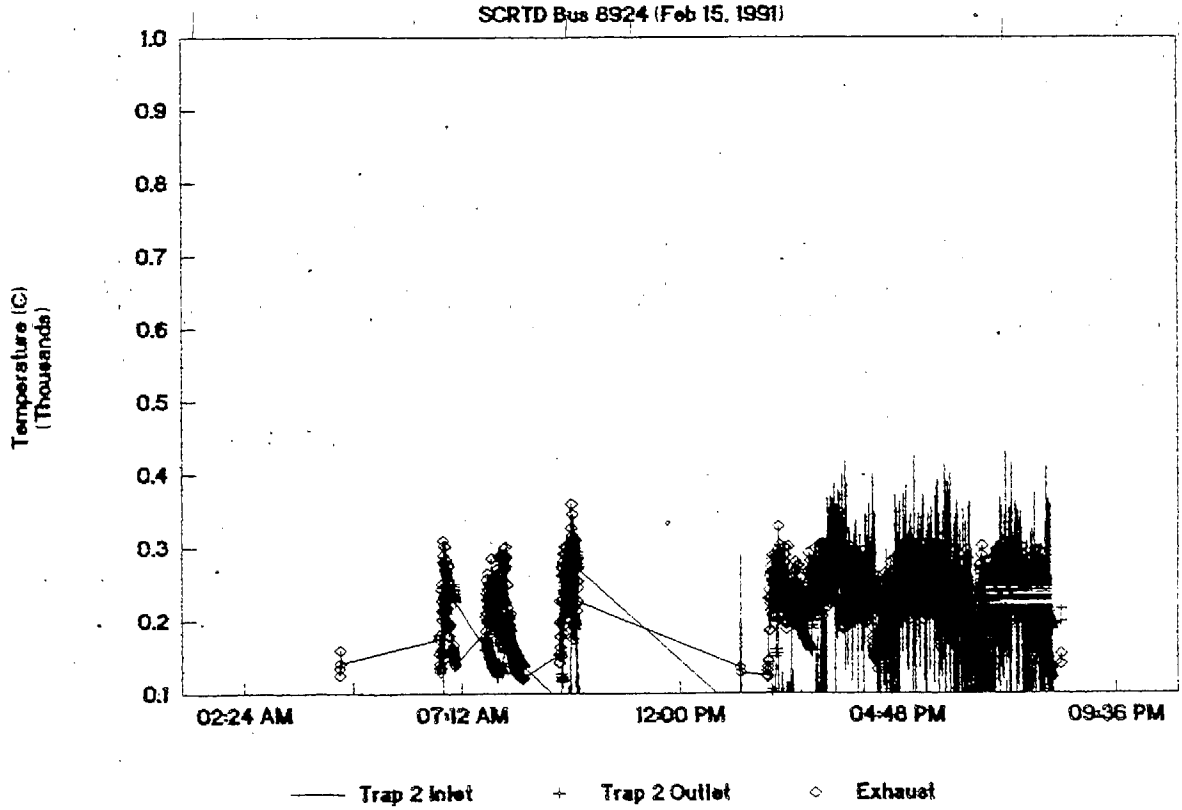
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 15, 1991)



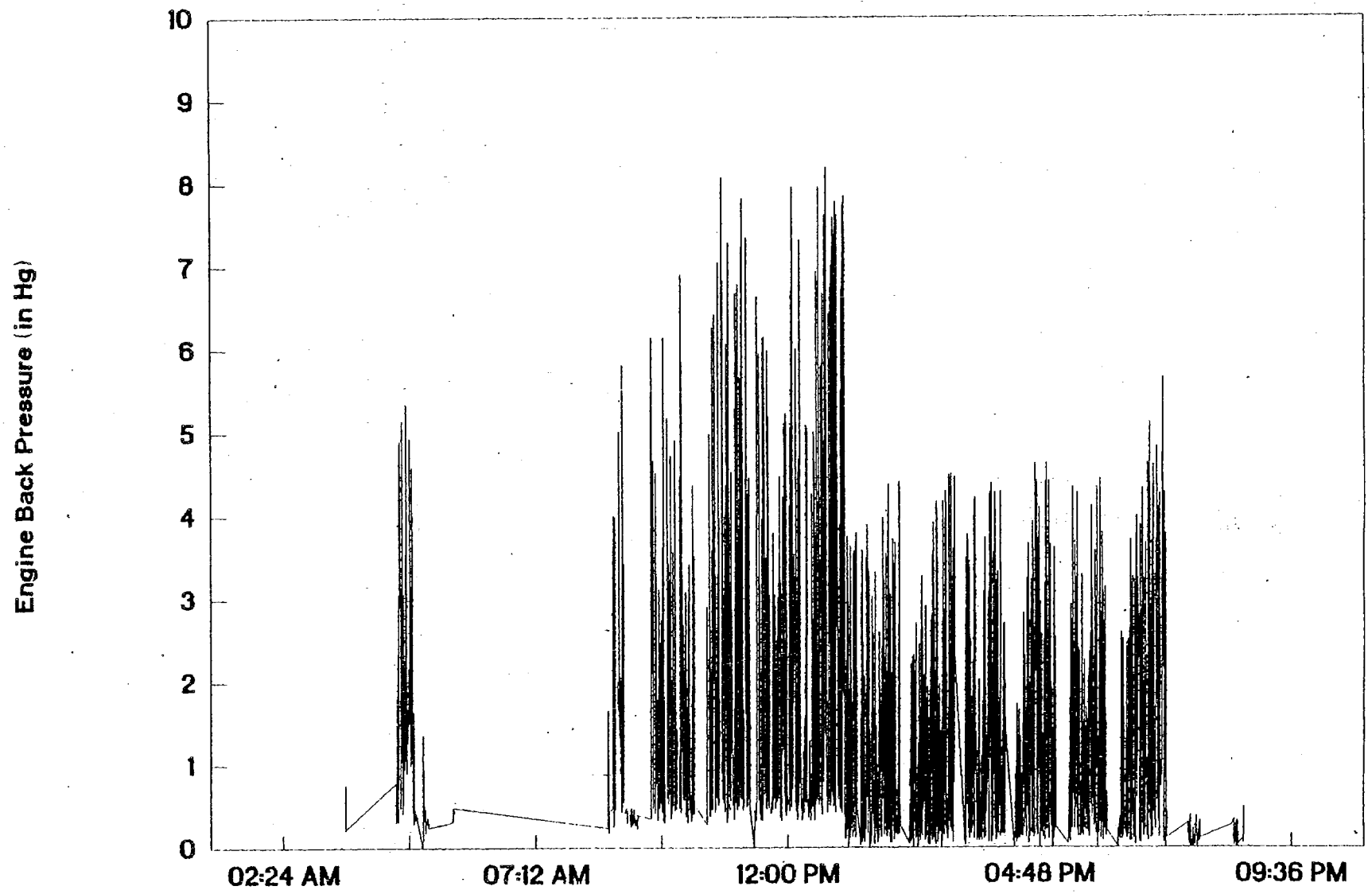
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 15, 1991)



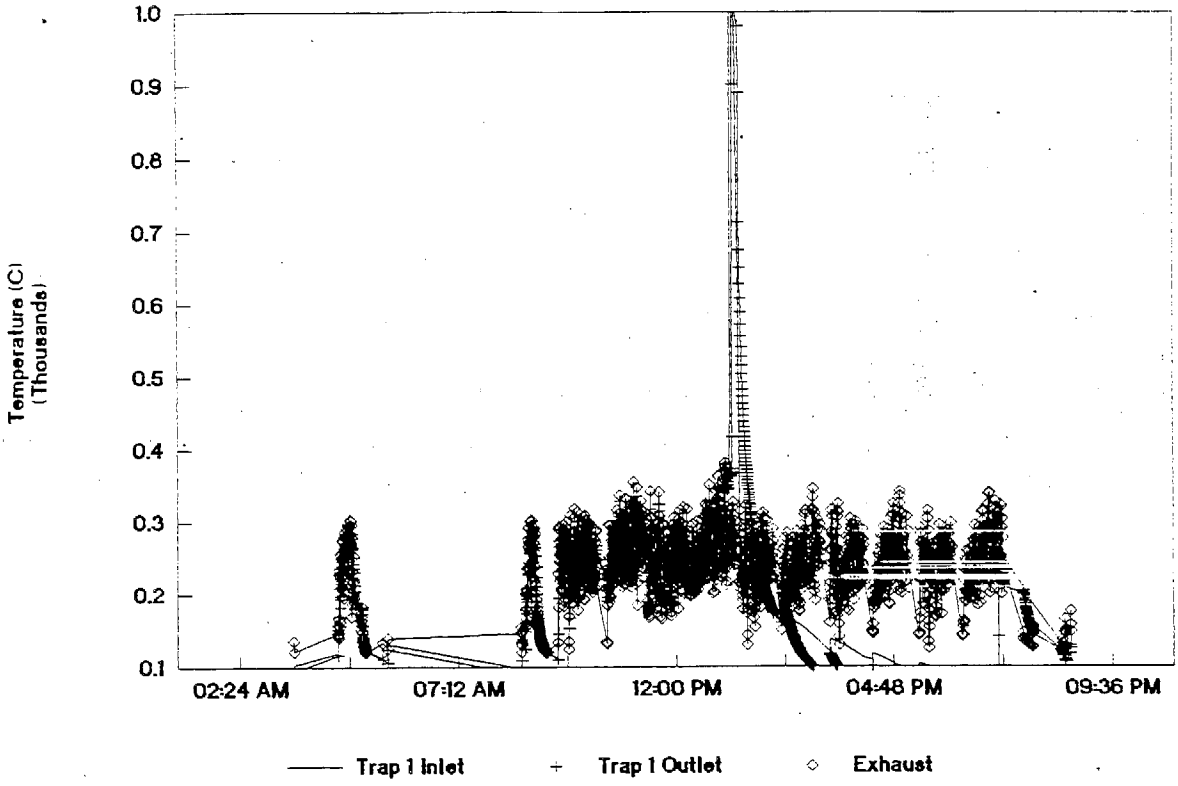
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 16, 1991)



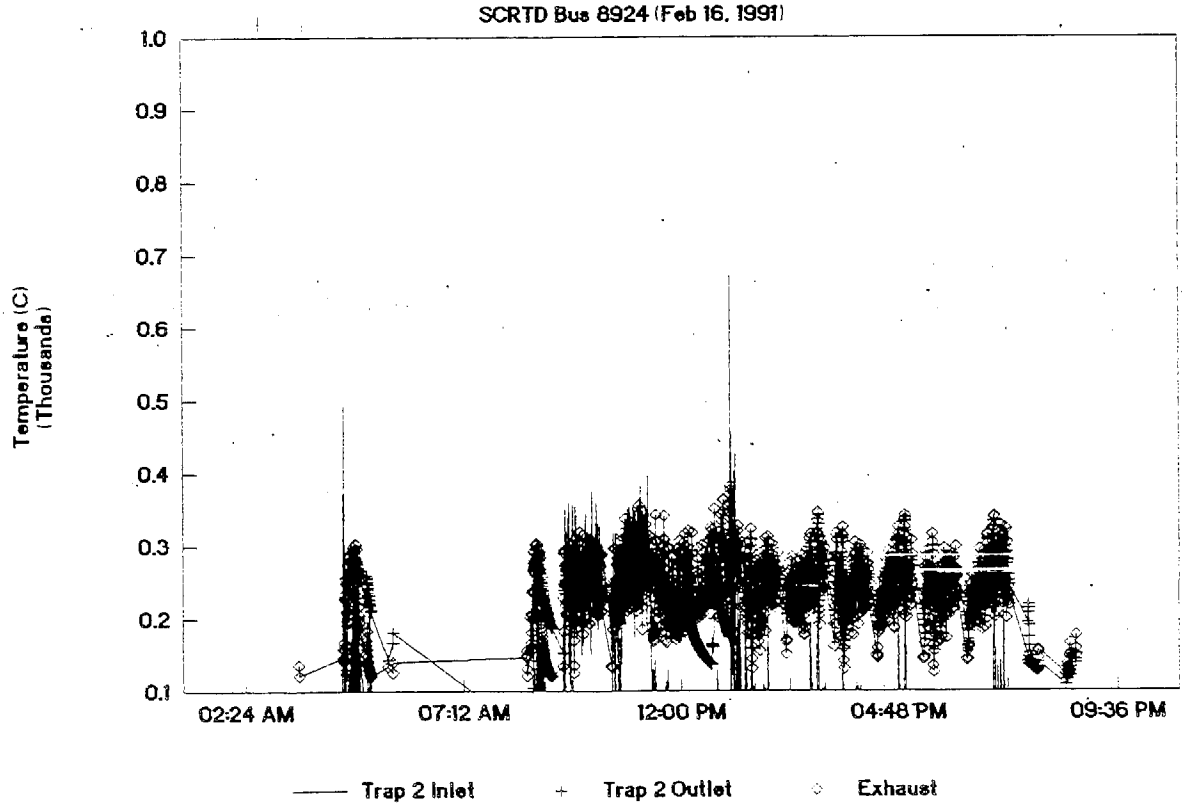
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 16, 1991)



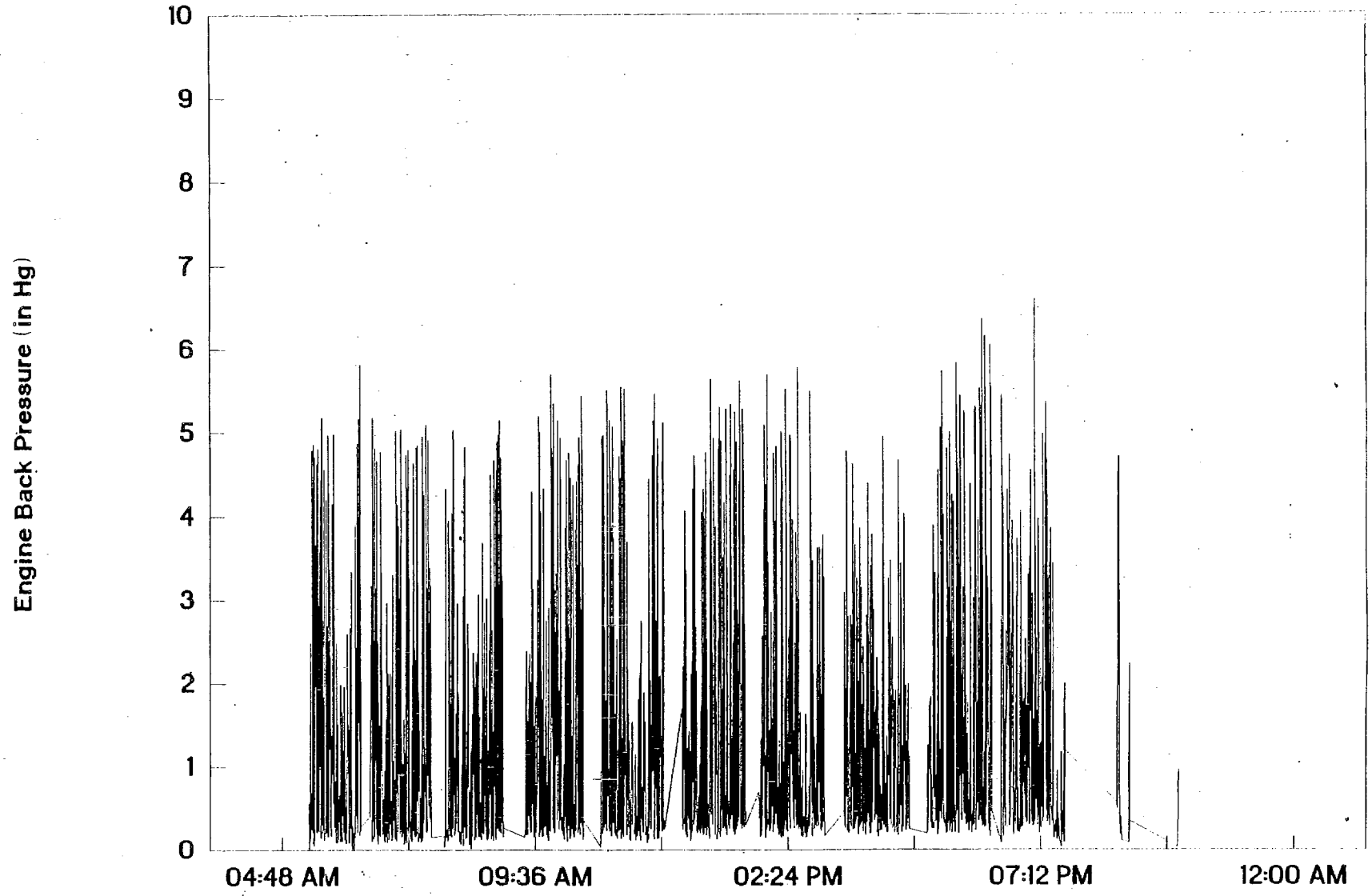
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 16, 1991)



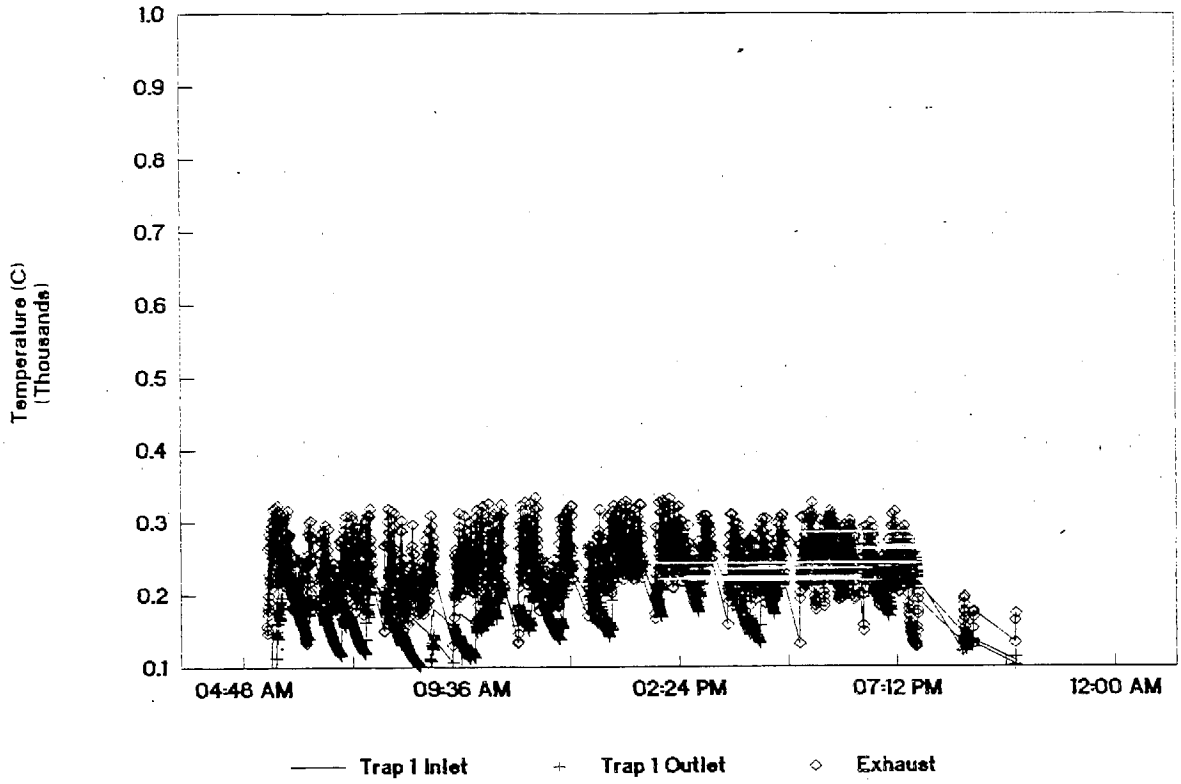
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 18, 1991)



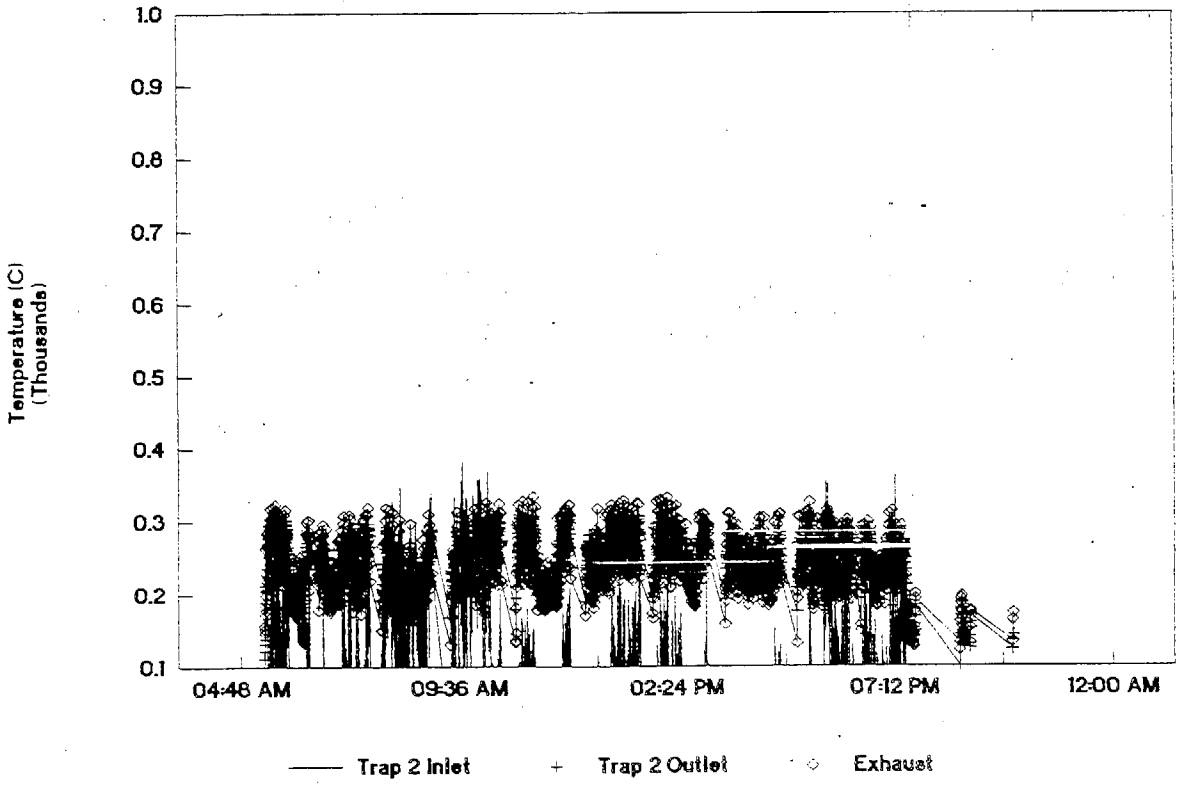
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 18, 1991)



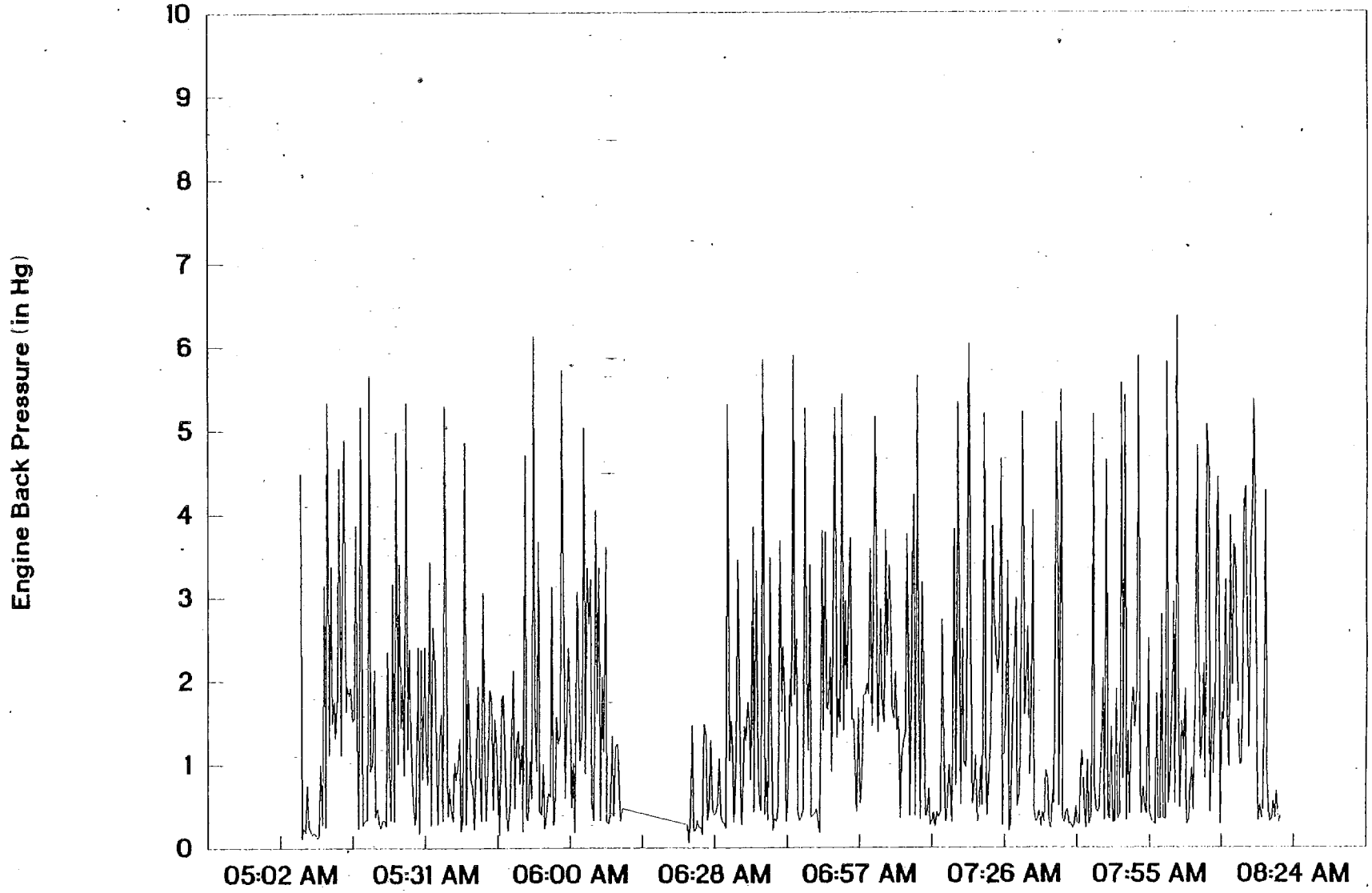
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 18, 1991)



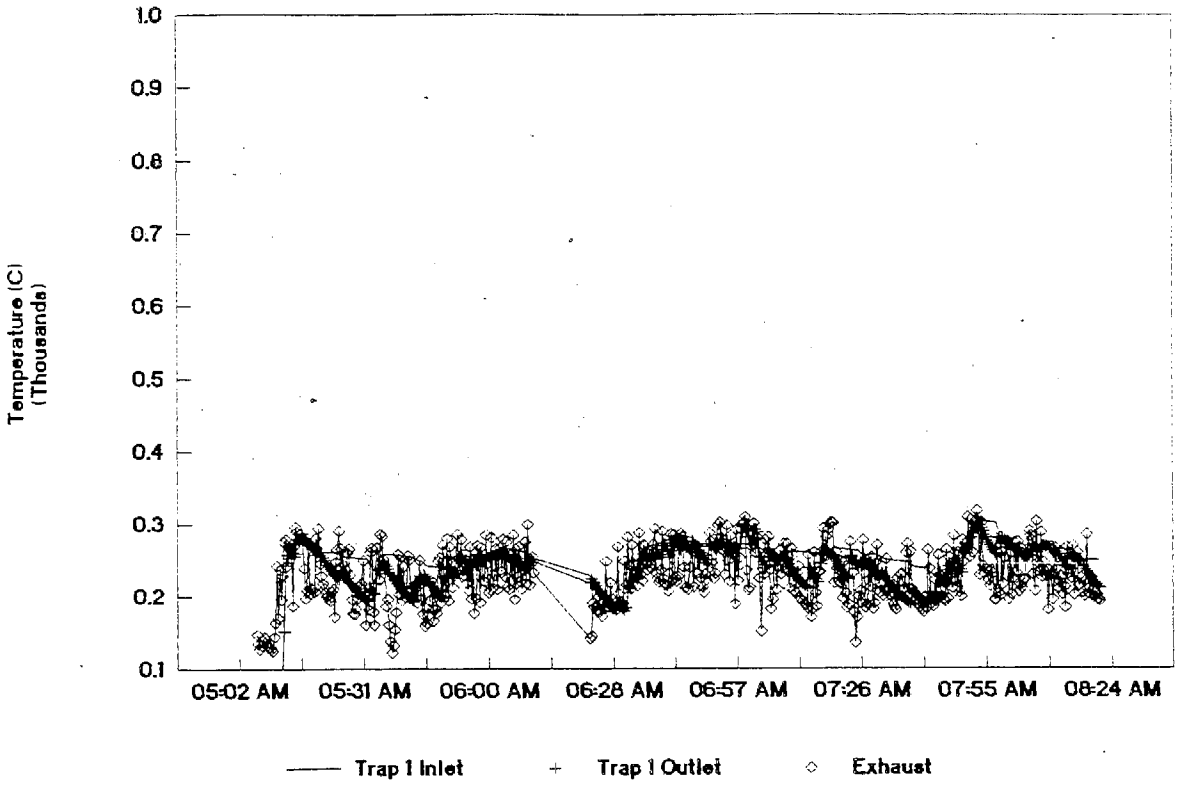
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 19, 1991)



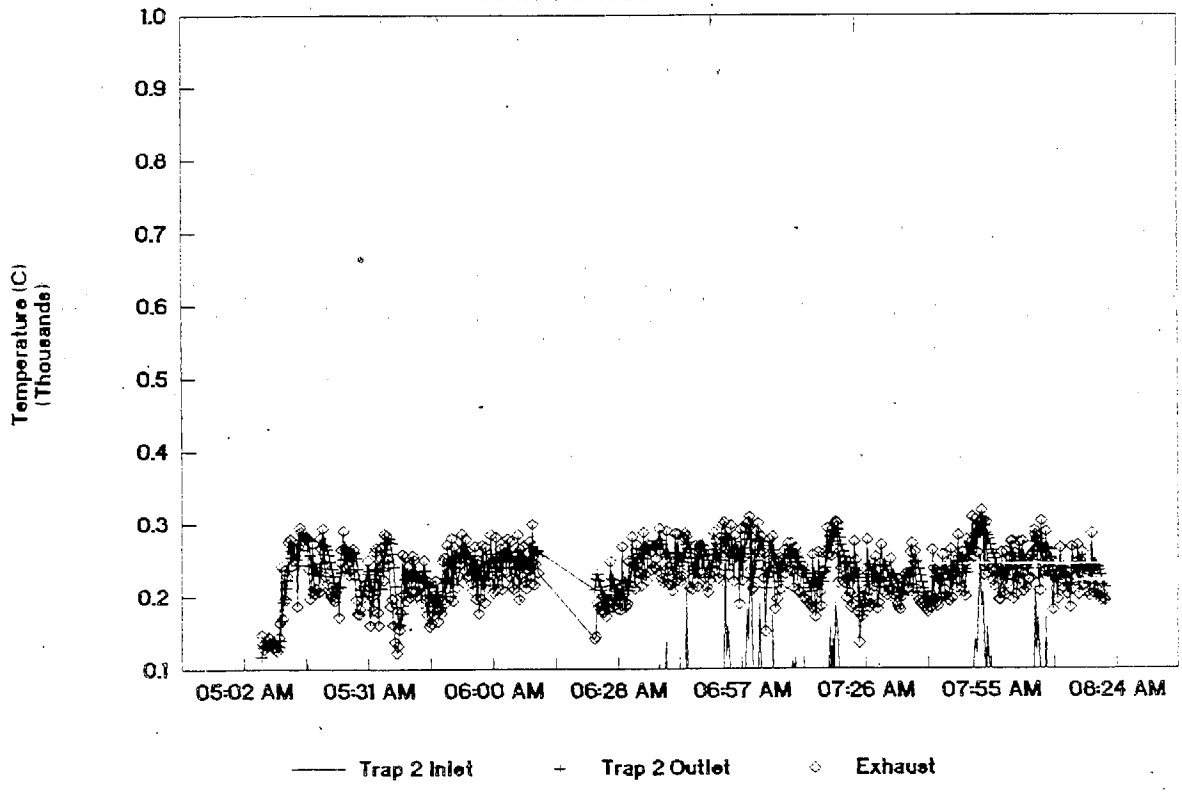
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Feb 19, 1991)



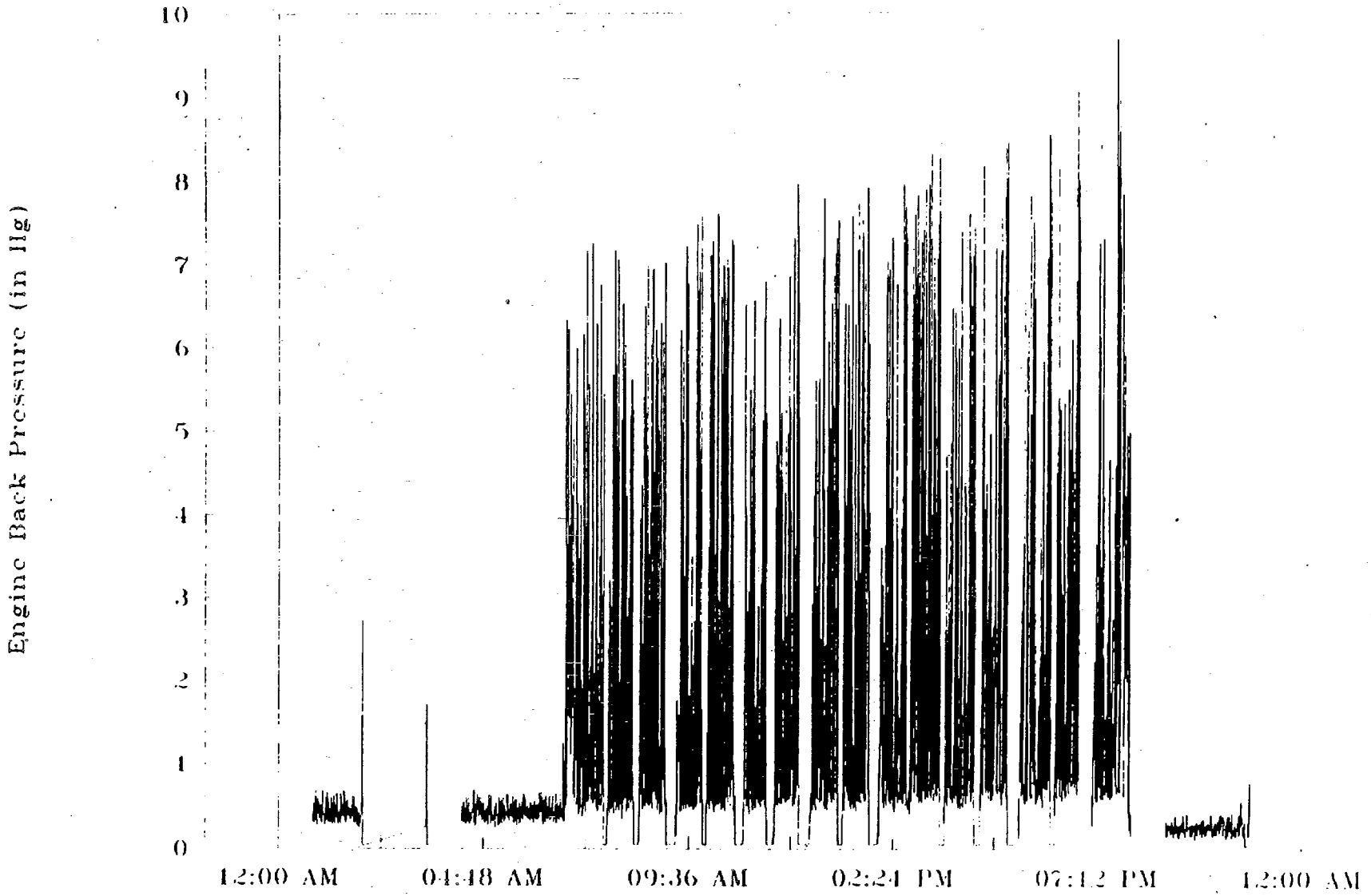
ARB Particulate Trap Demonstration

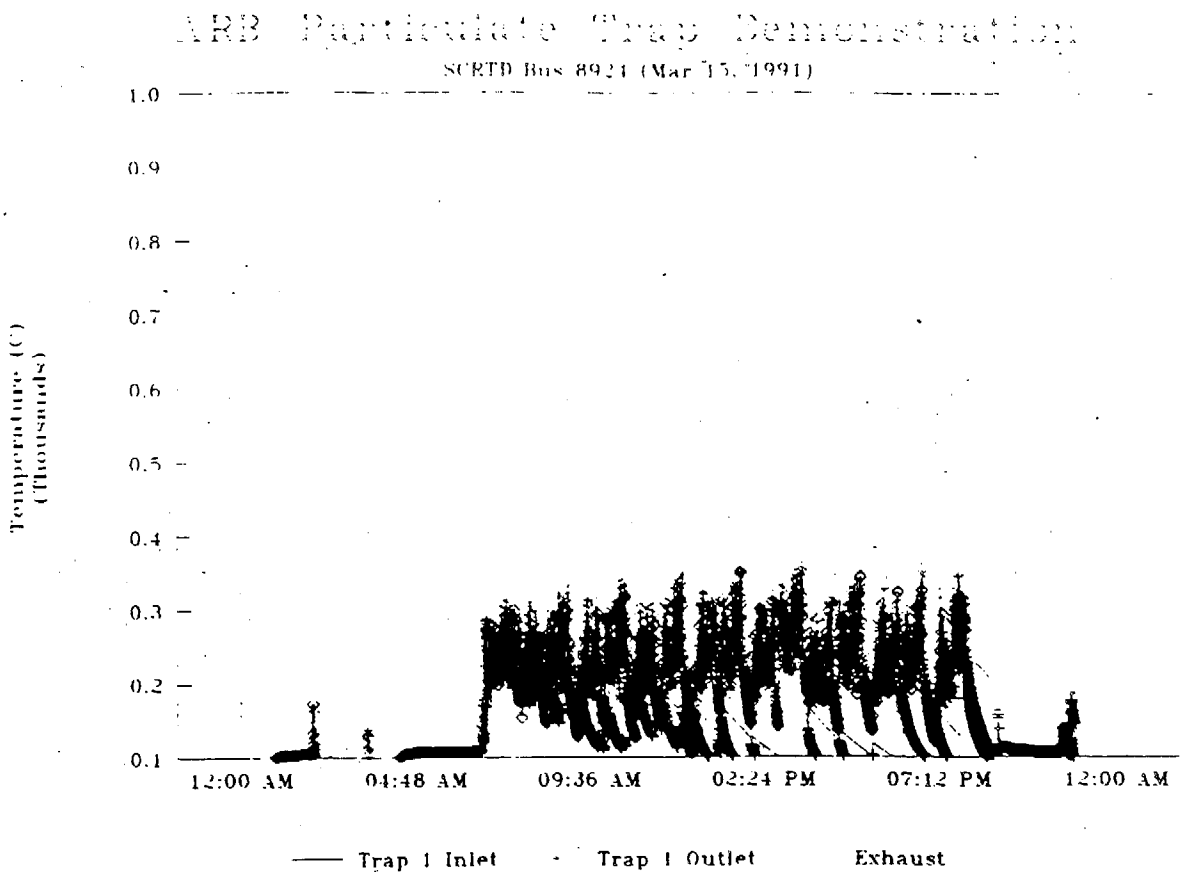
SCRTD Bus 8924 (Feb 19, 1991)

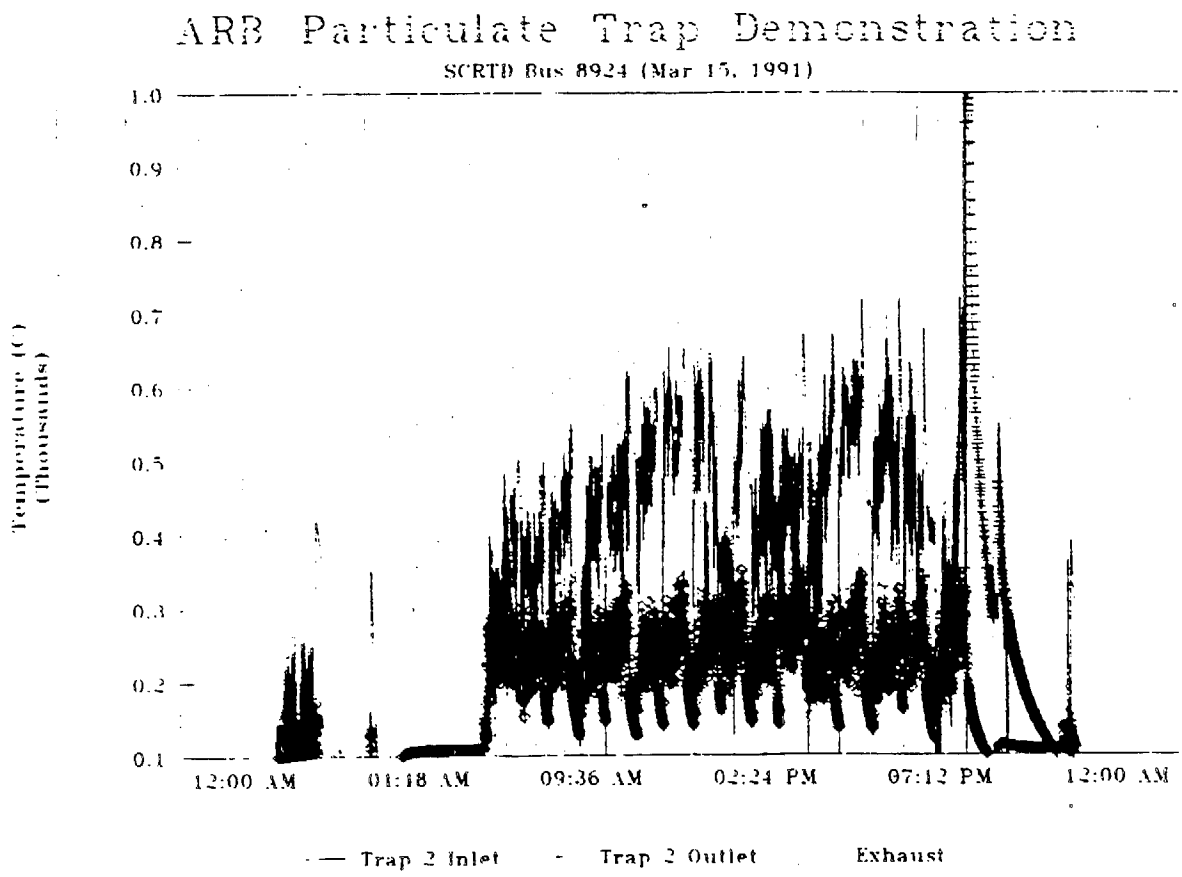


ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Mar 15, 1991)

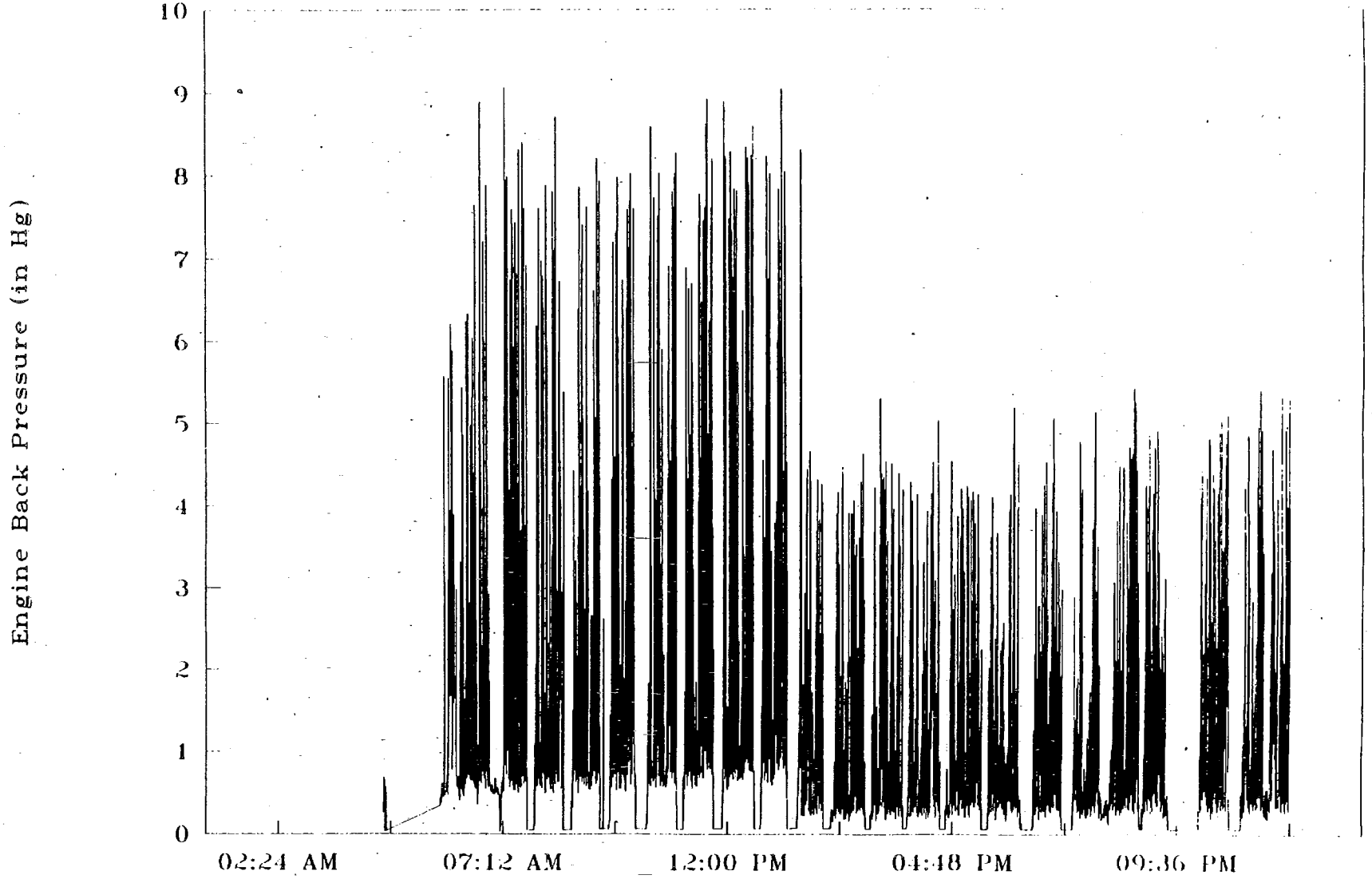


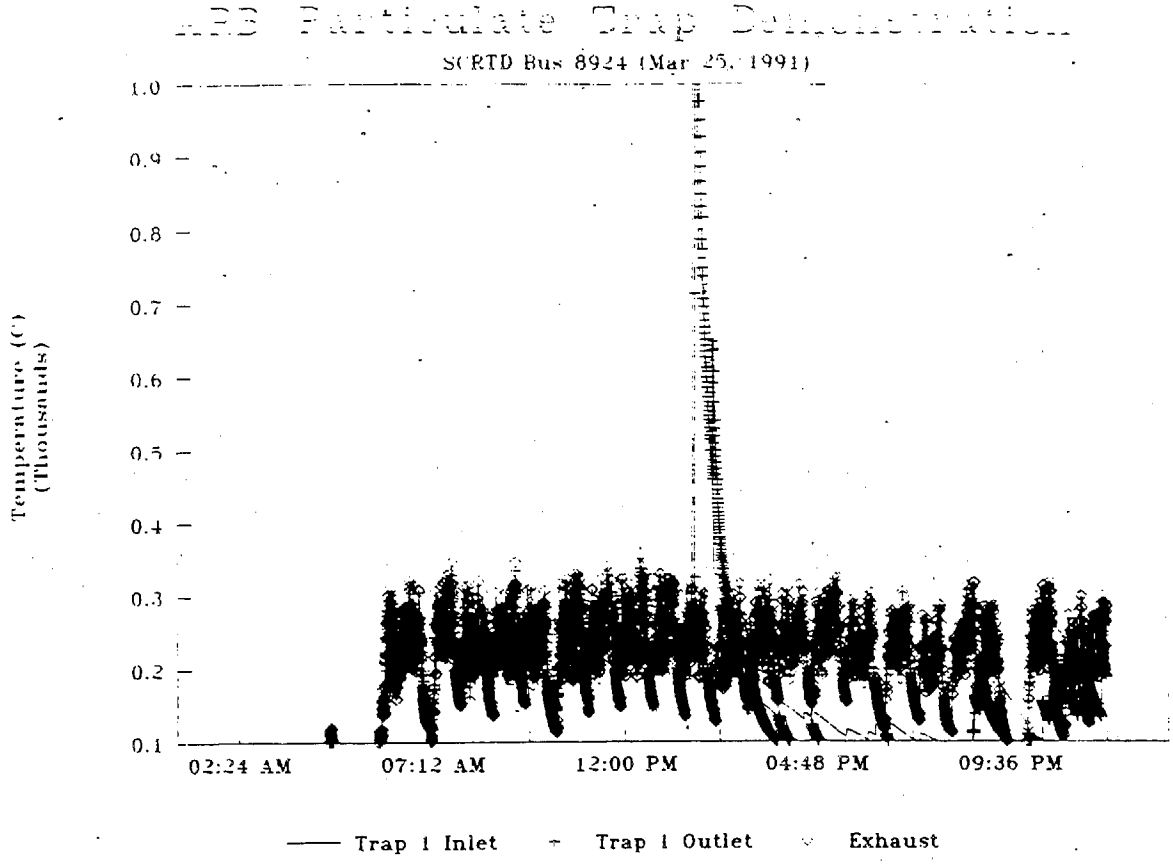

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Mar 15, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
12:00 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

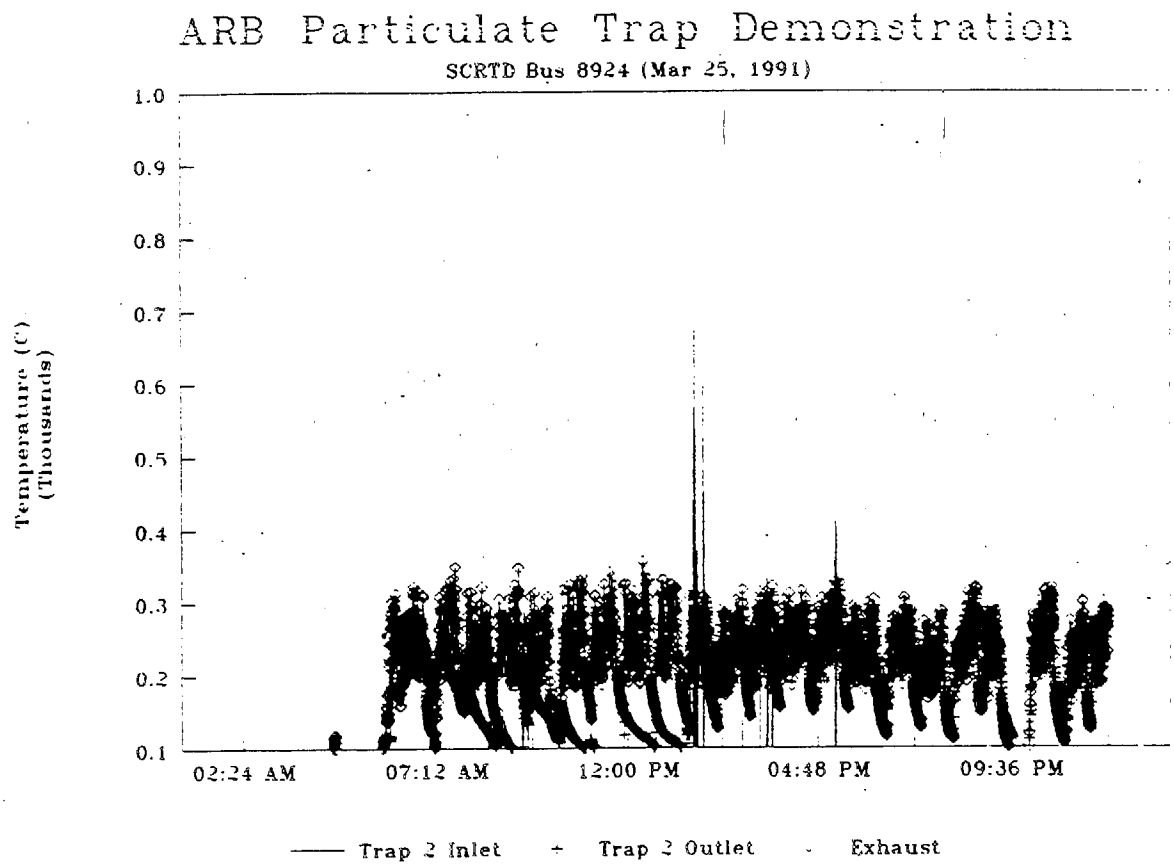

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Mar 15, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
01:48 AM
09:36 AM
02:24 PM
07:12 PM
12:00 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Mar 25, 1991)

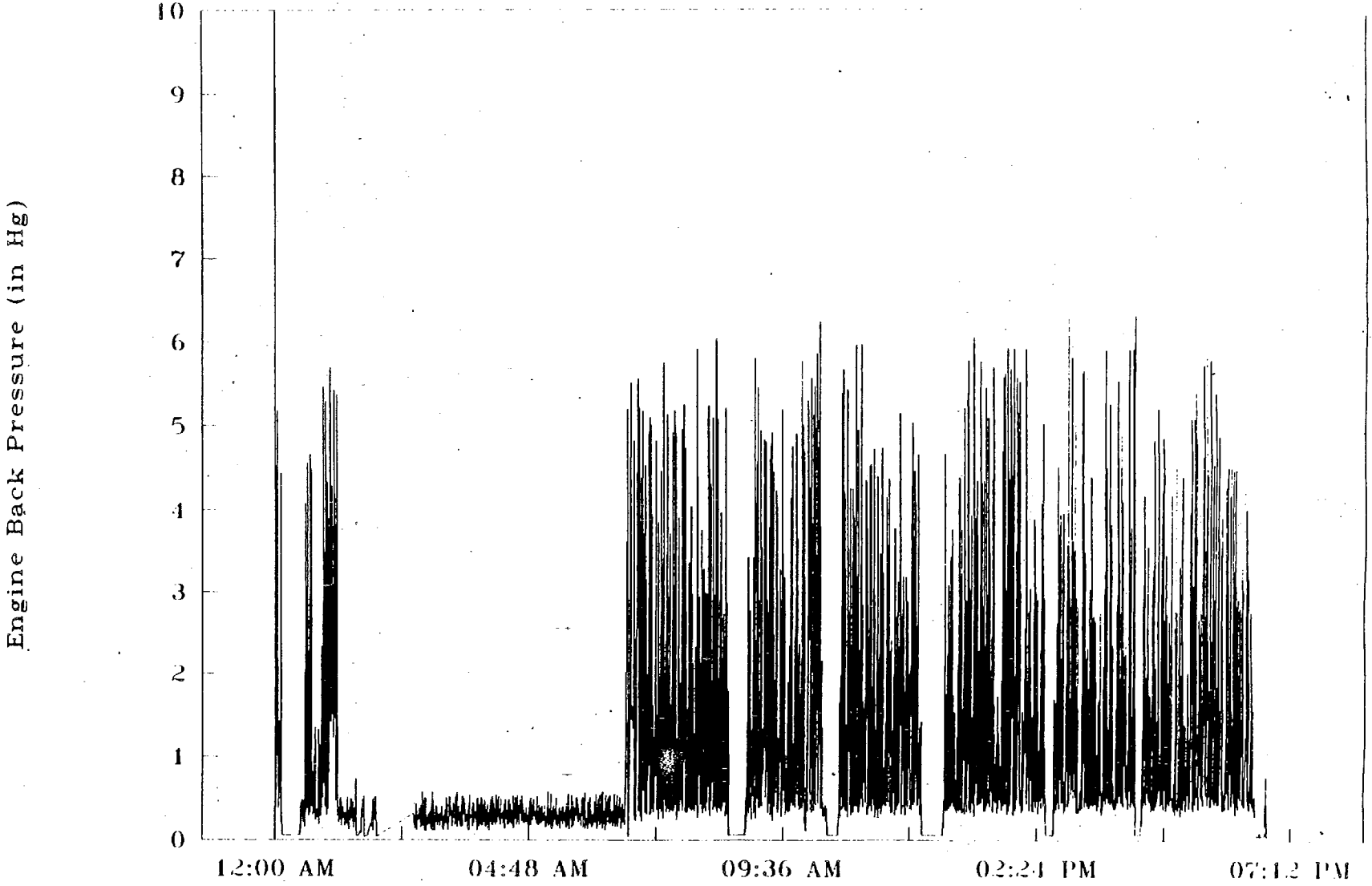


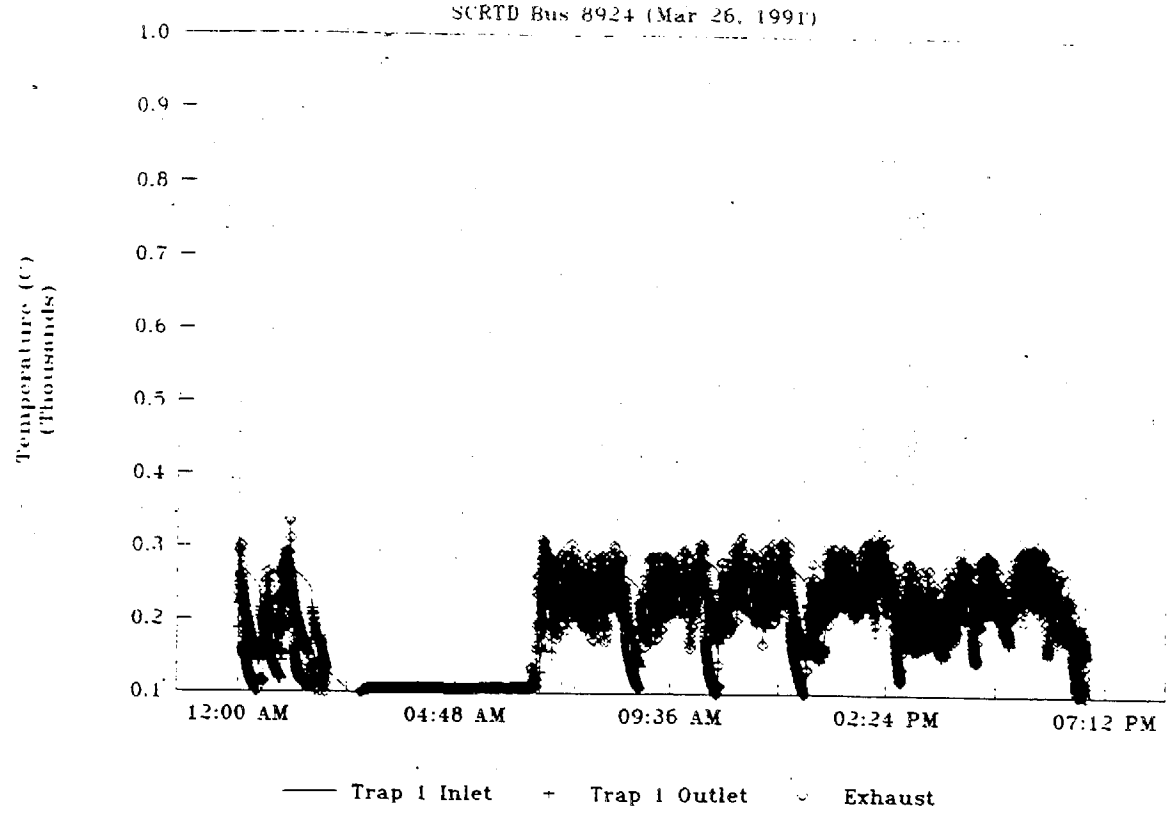

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Mar 25, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Mar 25, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Mar 26, 1991)




ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Mar 26, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

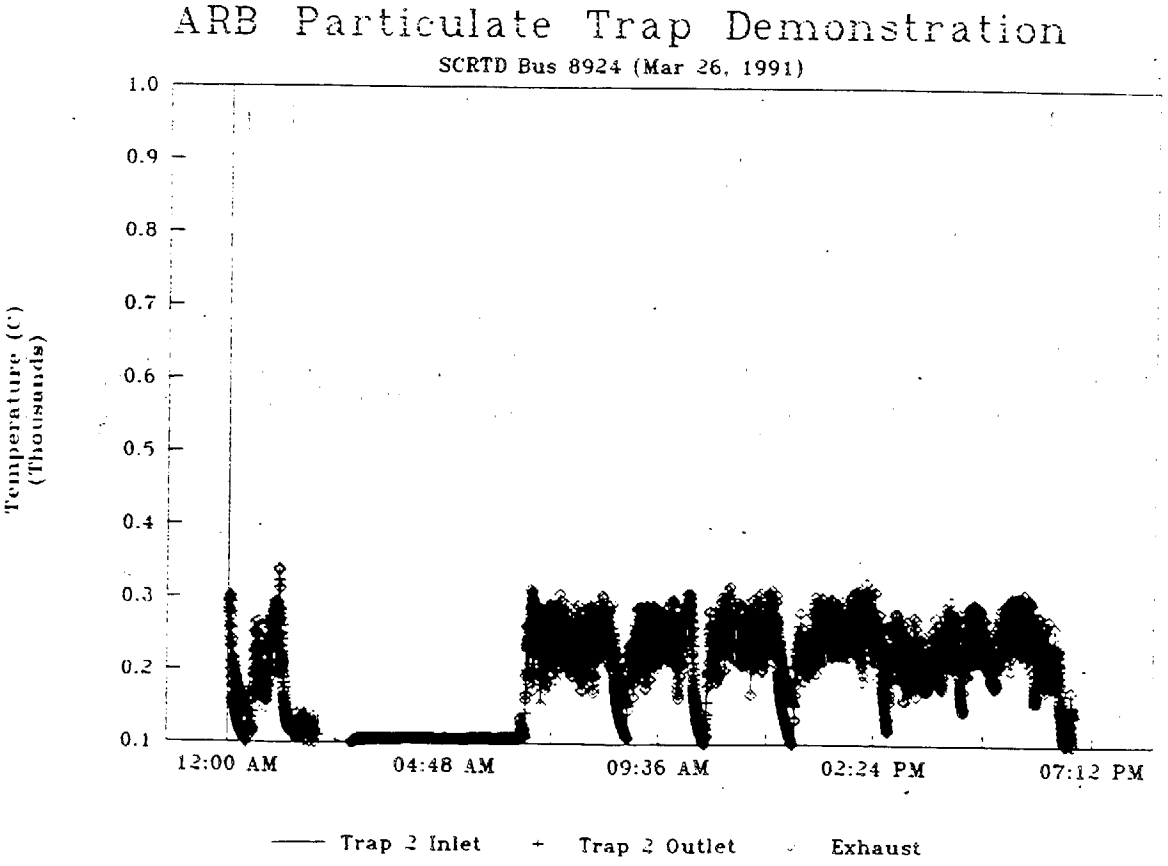
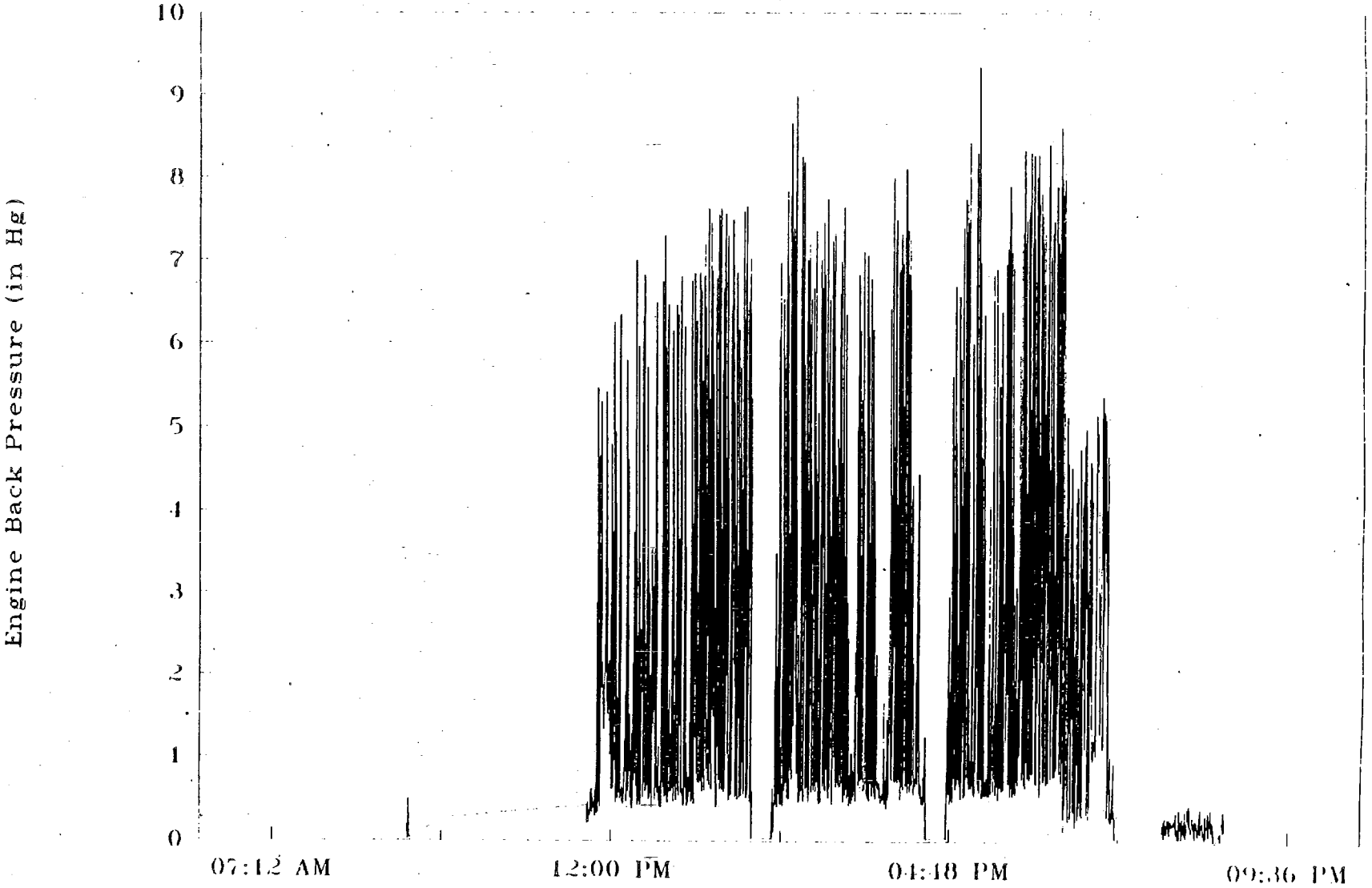
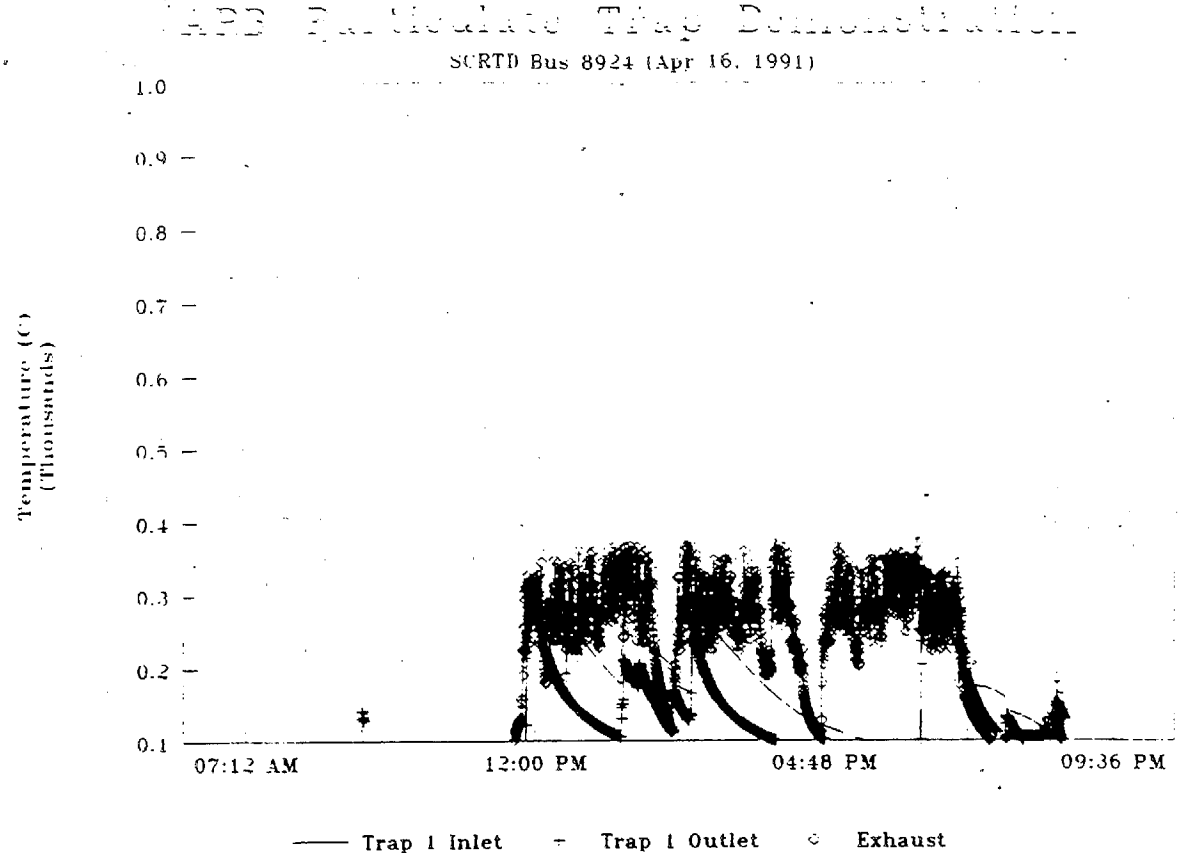
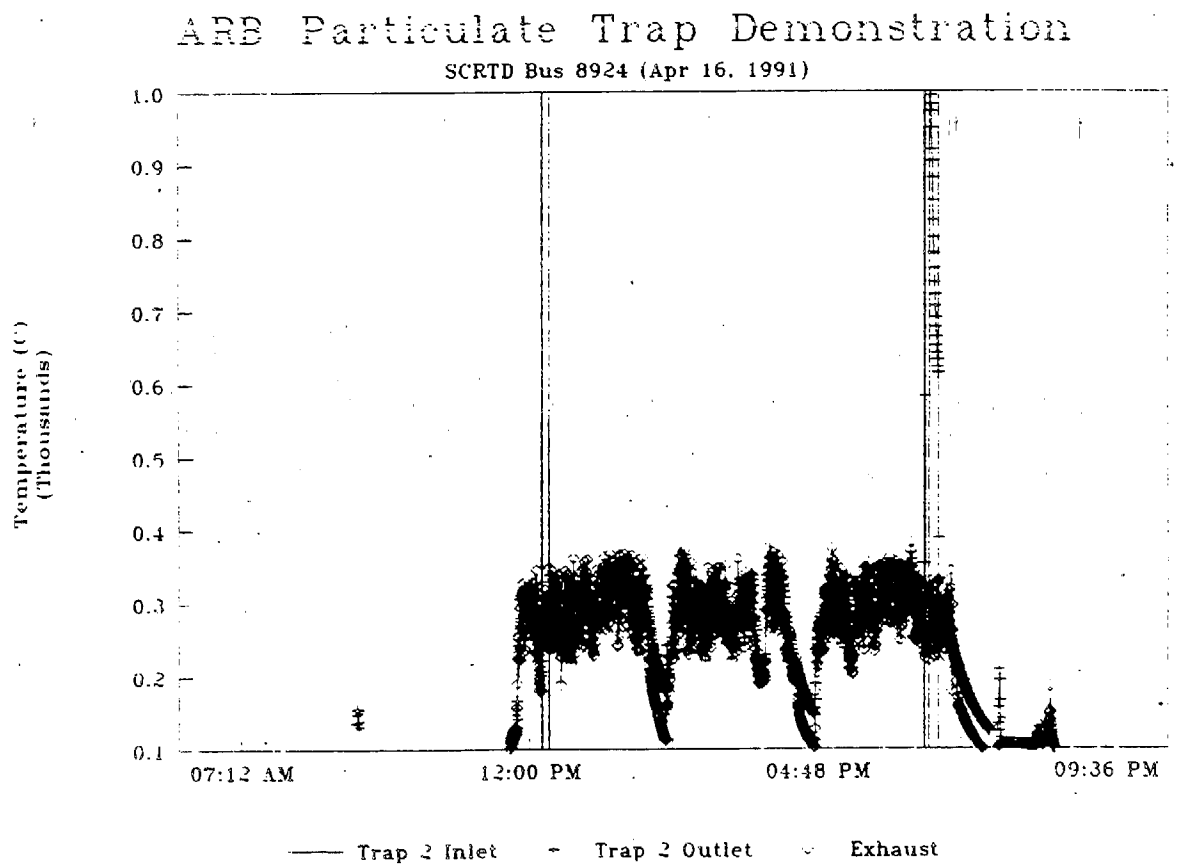

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Mar 26, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ABB Particulate Trap Demonstration

SCRTD Bus 8924 (Apr 16, 1991)

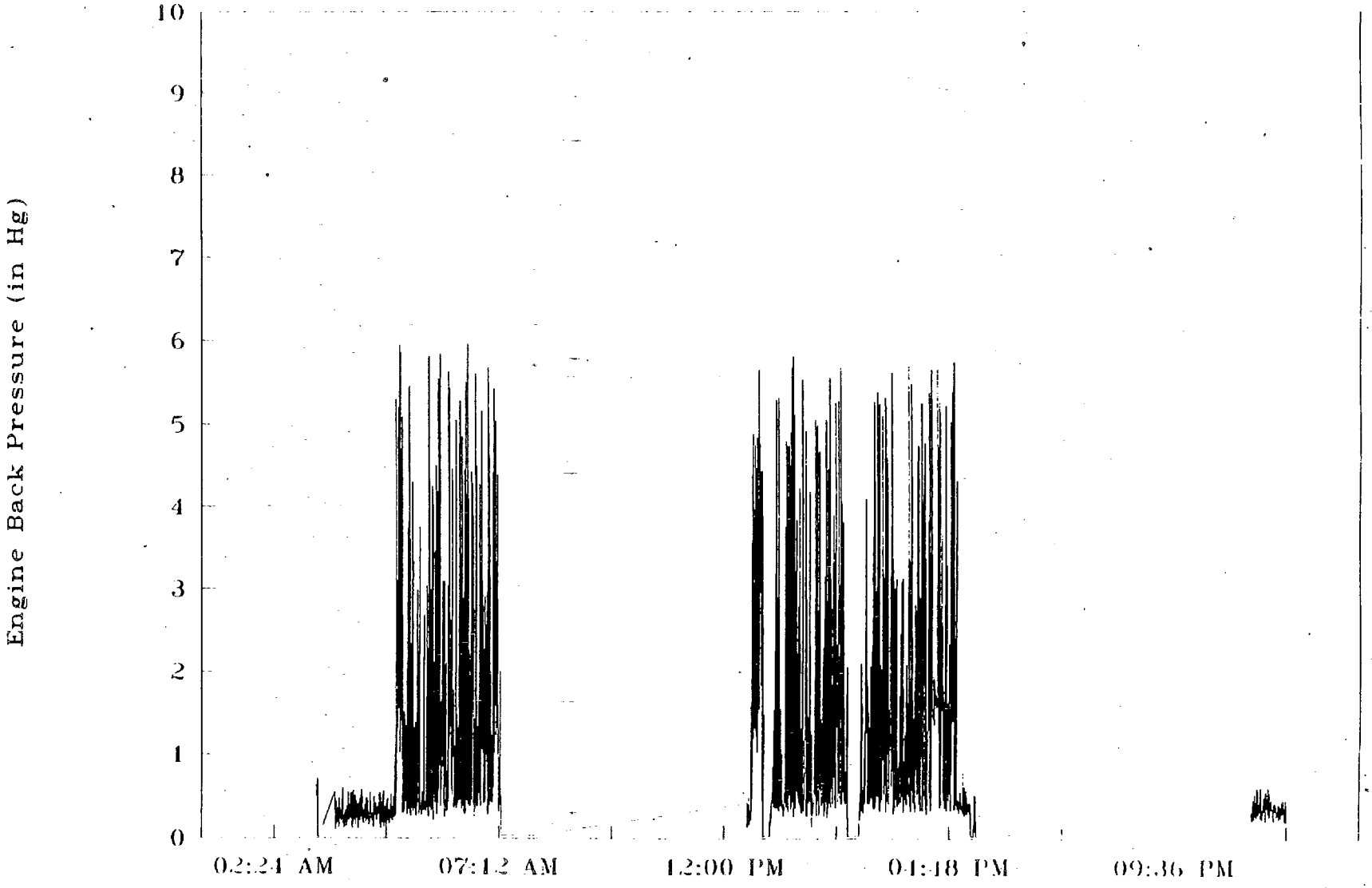


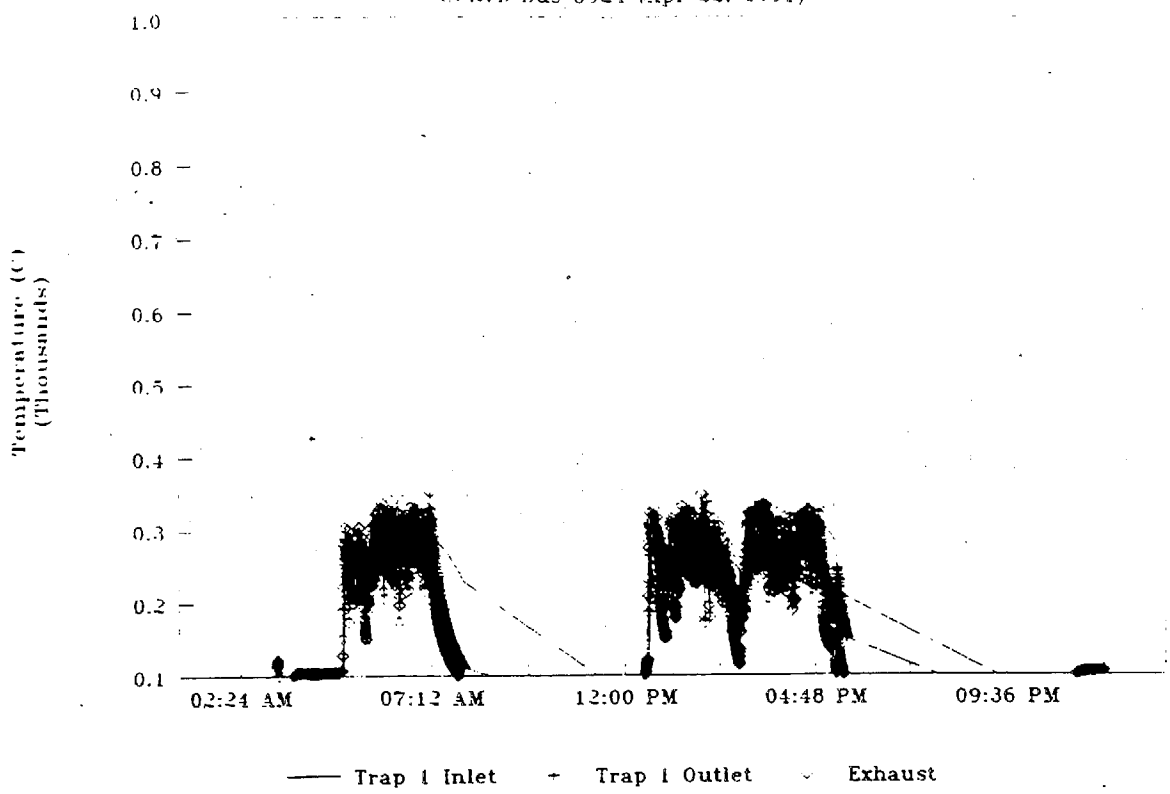

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Apr 16, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

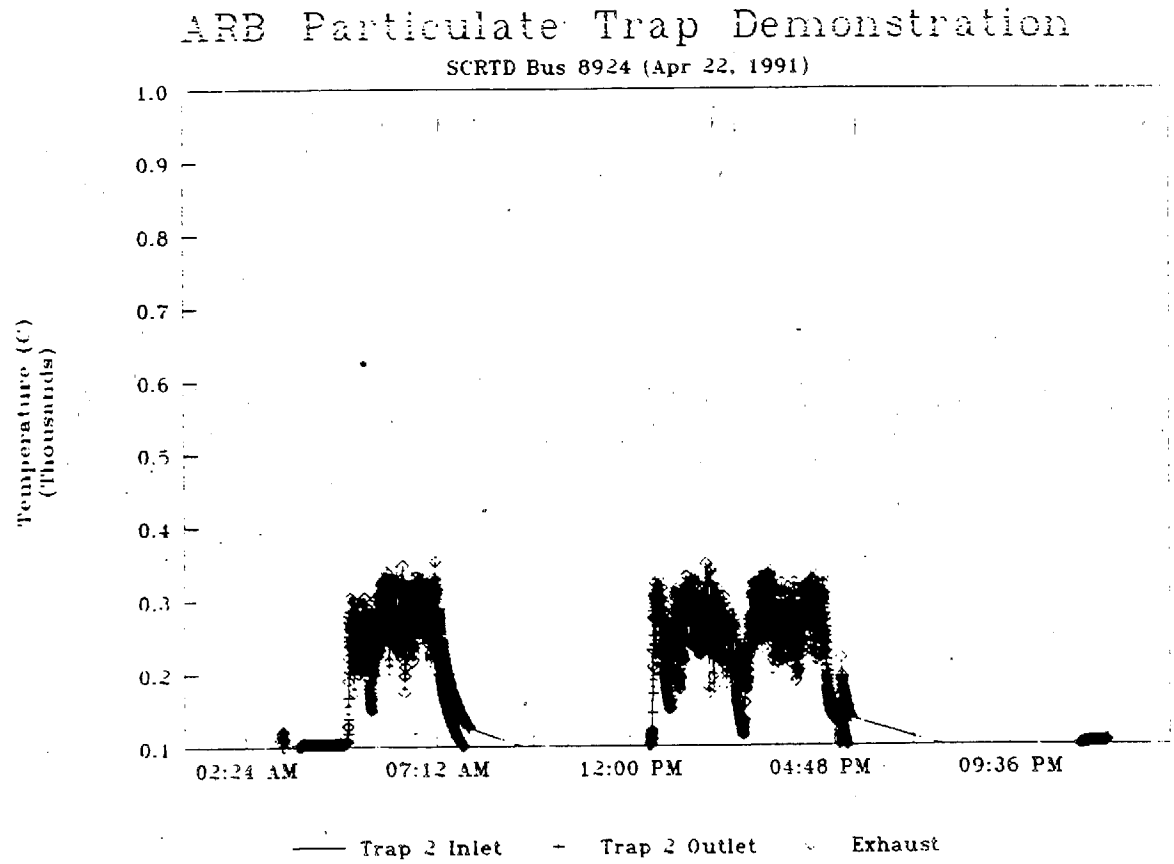

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Apr 16, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Apr 22, 1991)

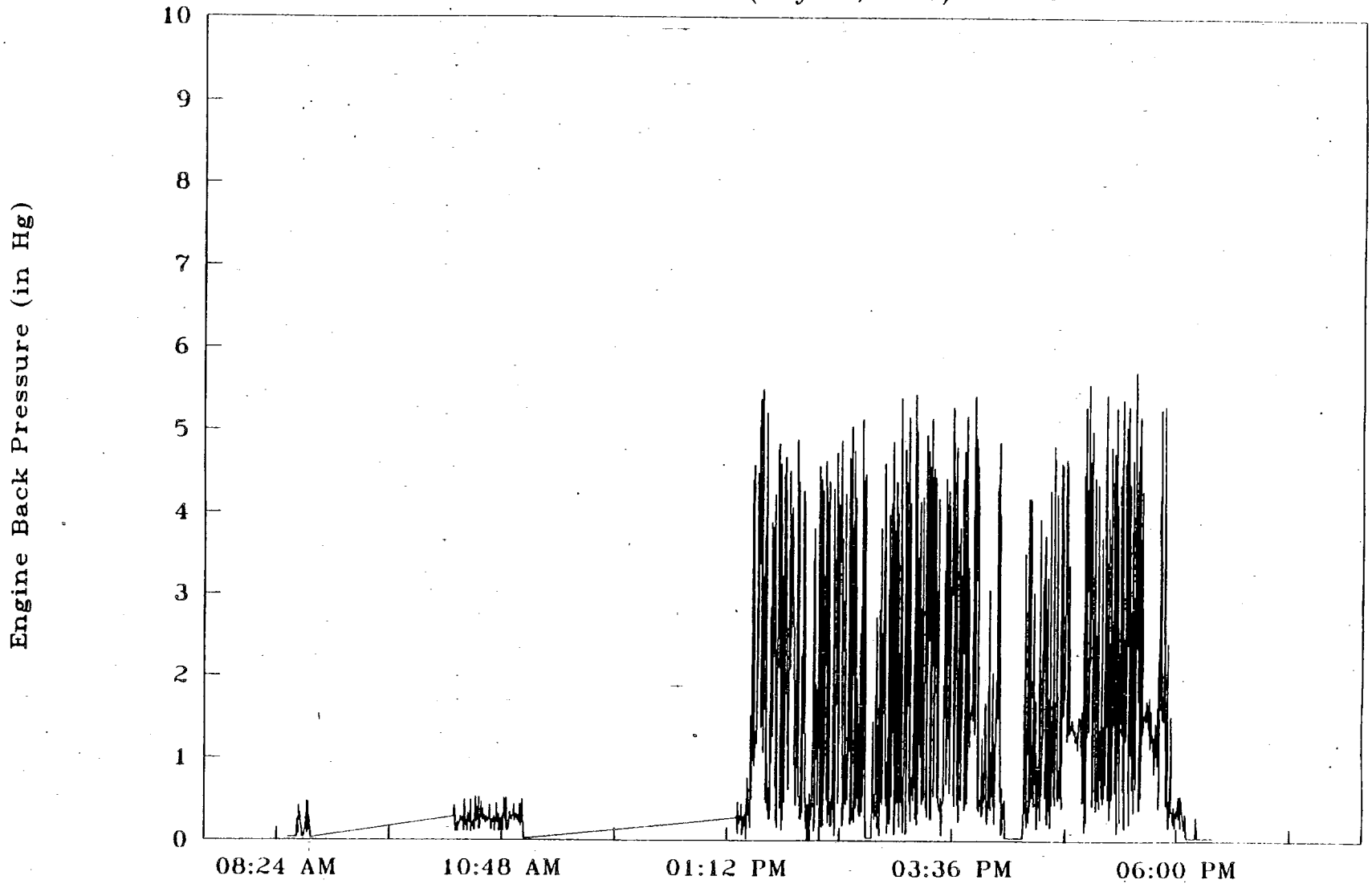


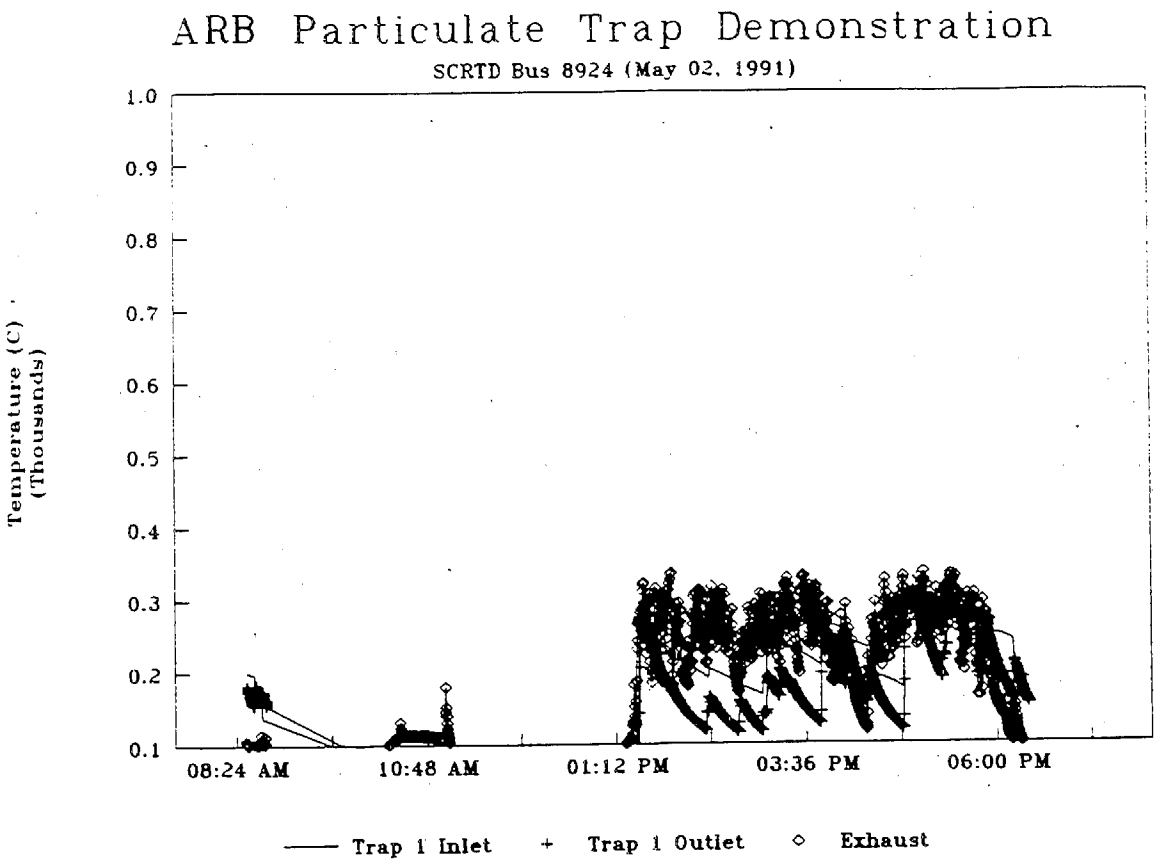

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Apr 22, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust

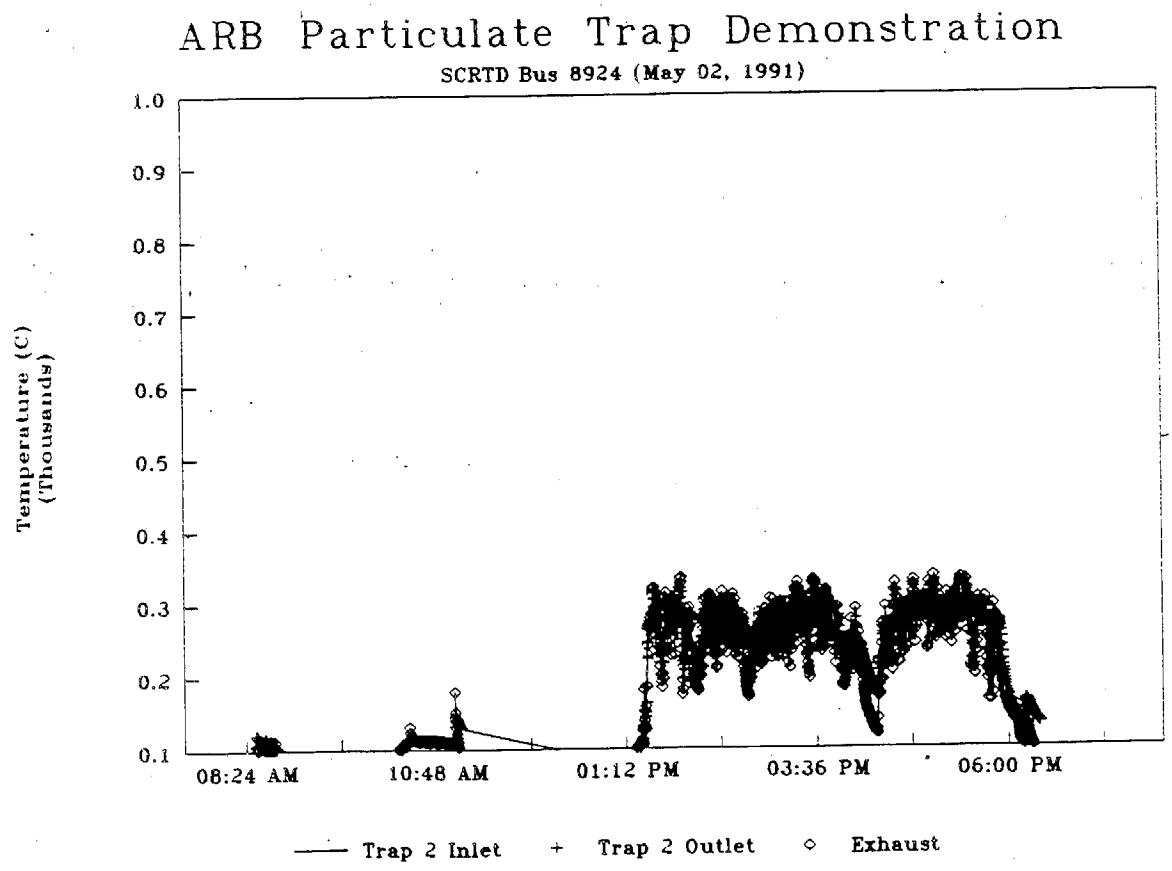

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Apr 22, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
02:24 AM
07:12 AM
12:00 PM
04:48 PM
09:36 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 02, 1991)

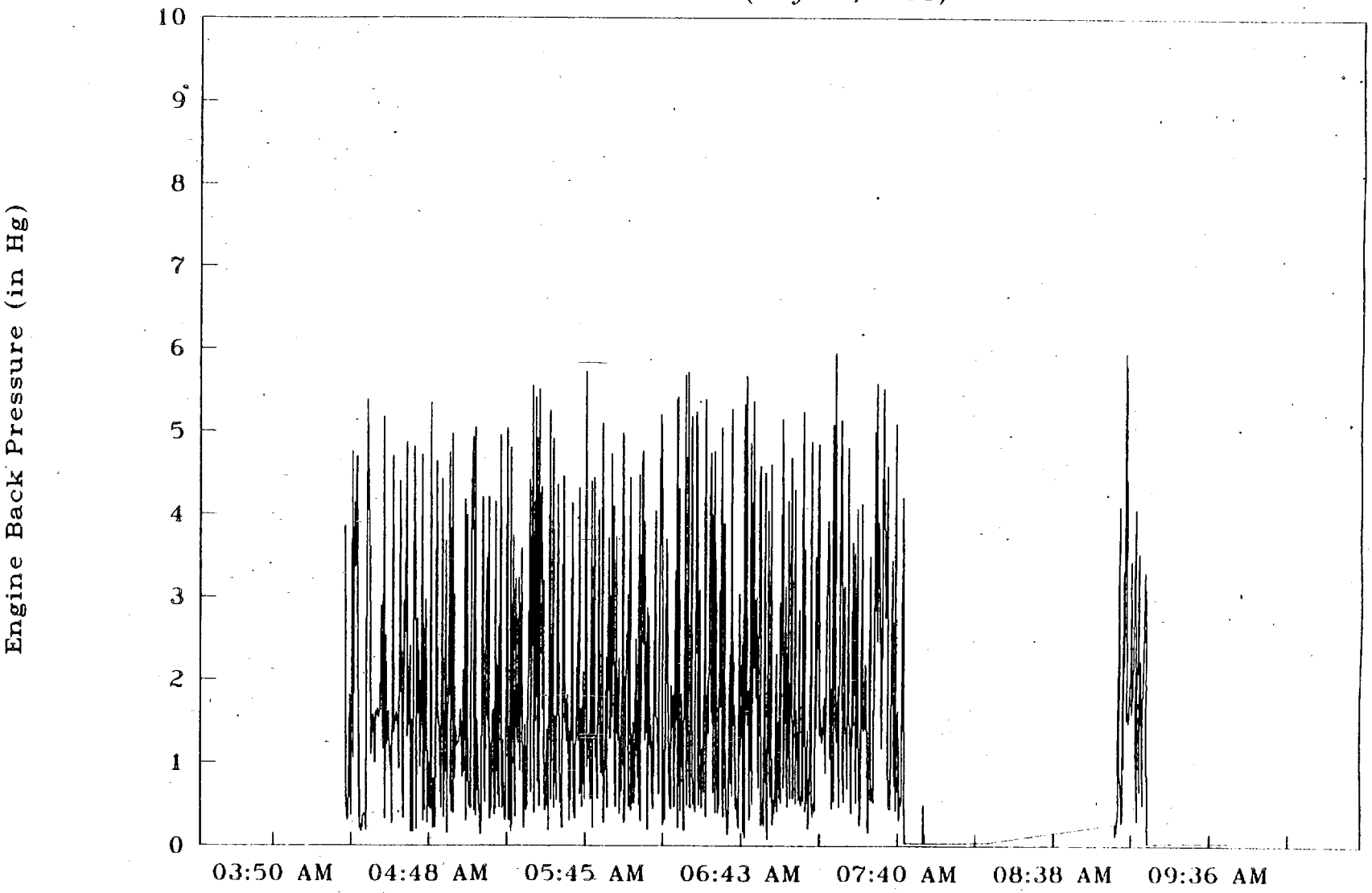



ARB Particulate Trap Demonstration
SCRTD Bus 8924 (May 02, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
08:24 AM
10:48 AM
01:12 PM
03:36 PM
06:00 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (May 02, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
08:24 AM
10:48 AM
01:12 PM
03:36 PM
06:00 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

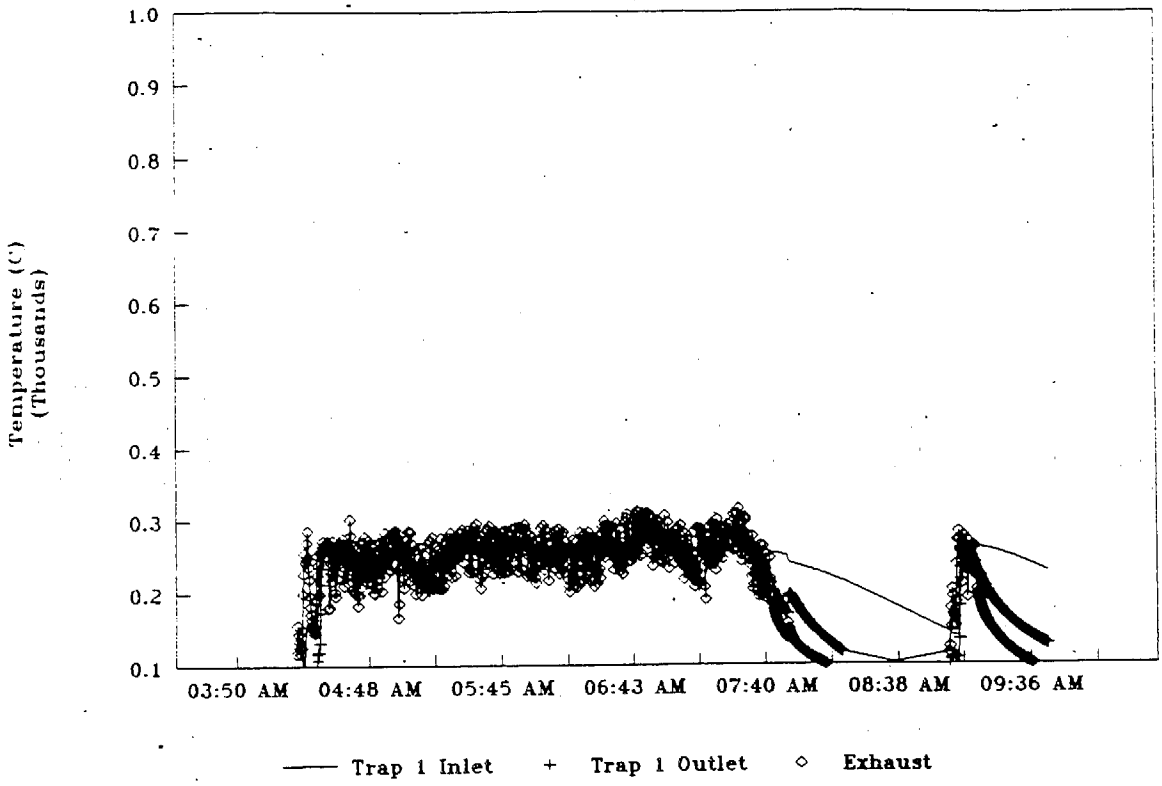
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 03, 1991)



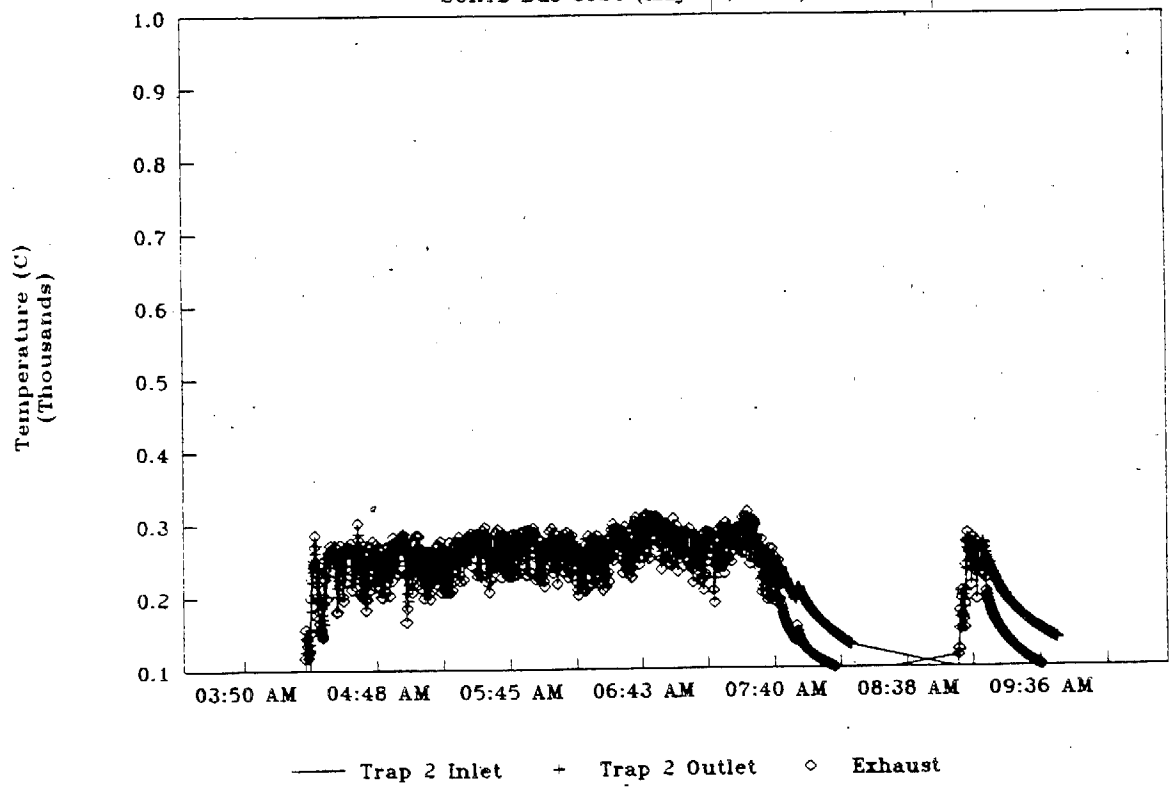
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 03, 1991)



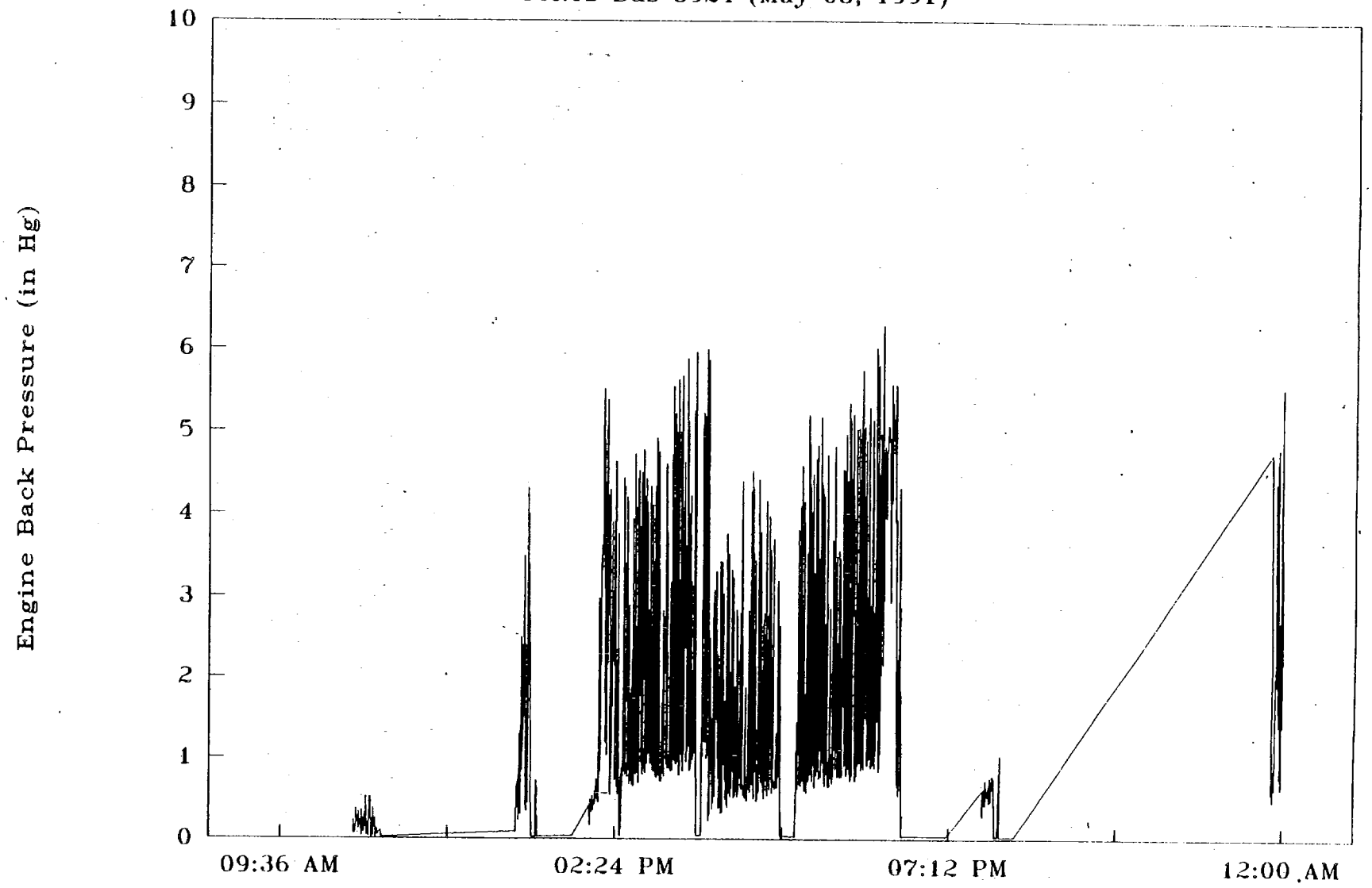
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 03, 1991)



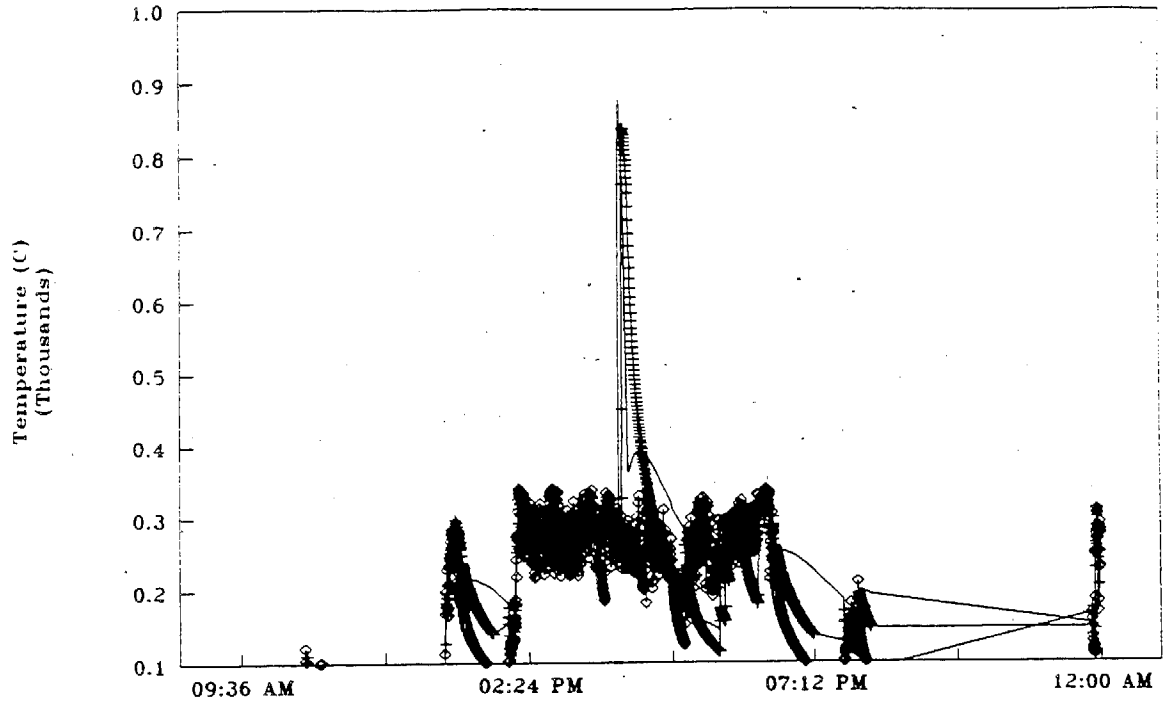
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 08, 1991)



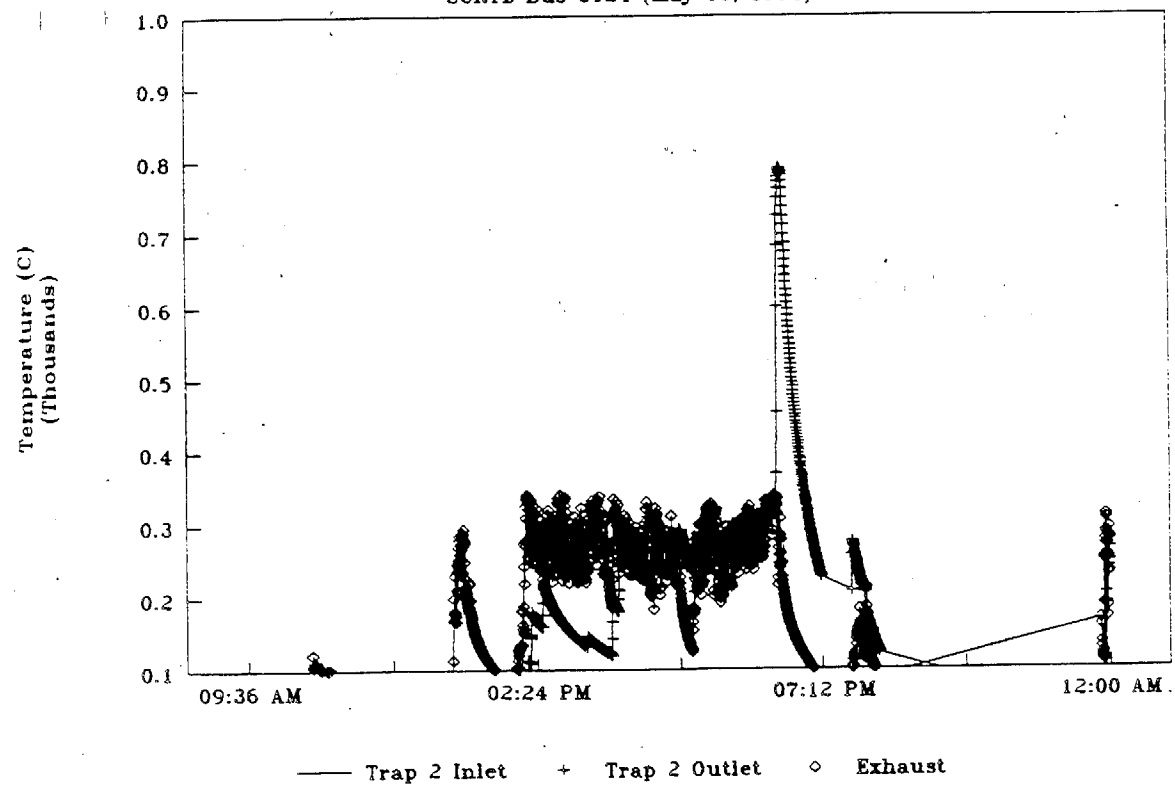
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 08, 1991)



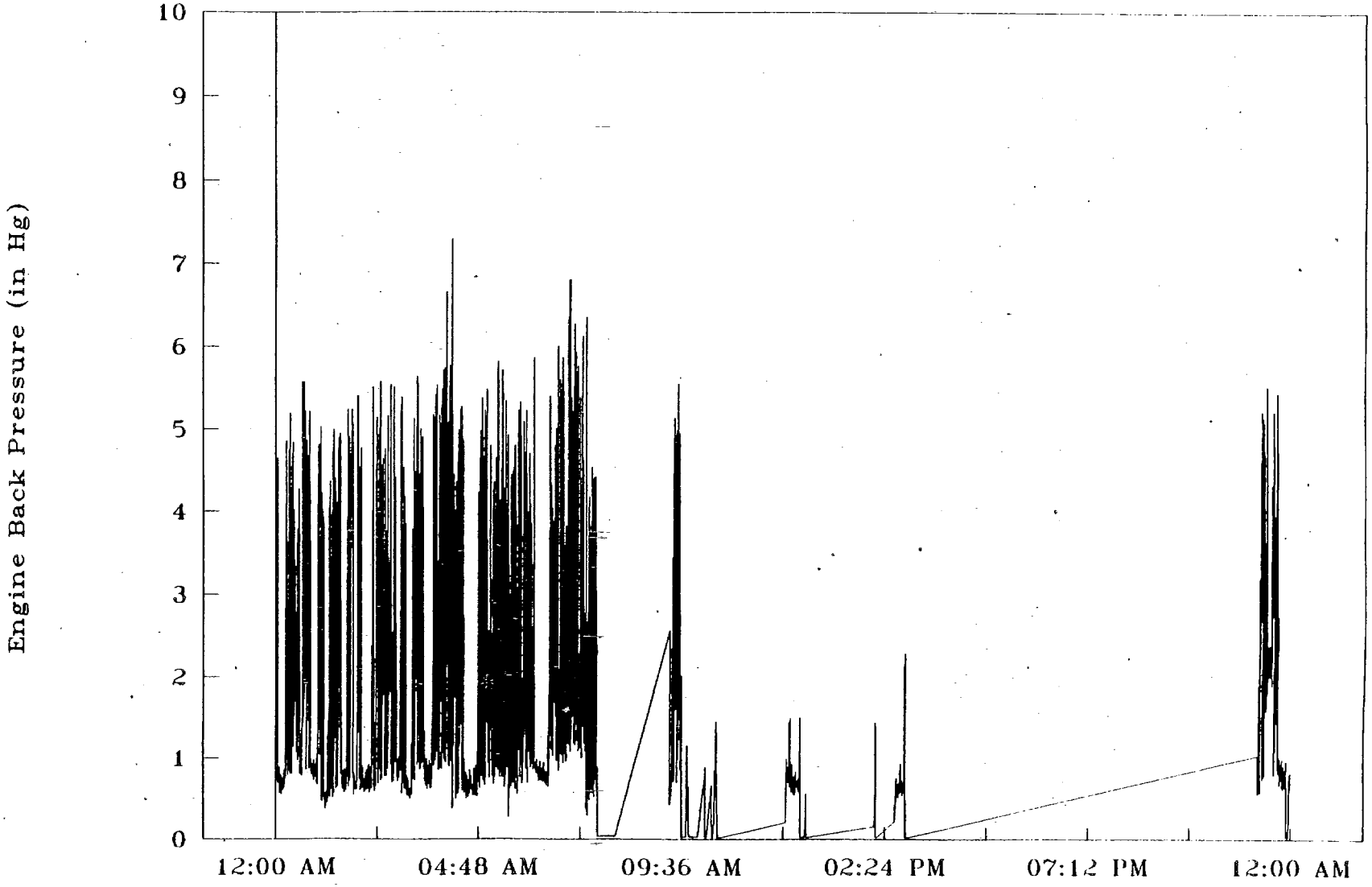
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 08, 1991)



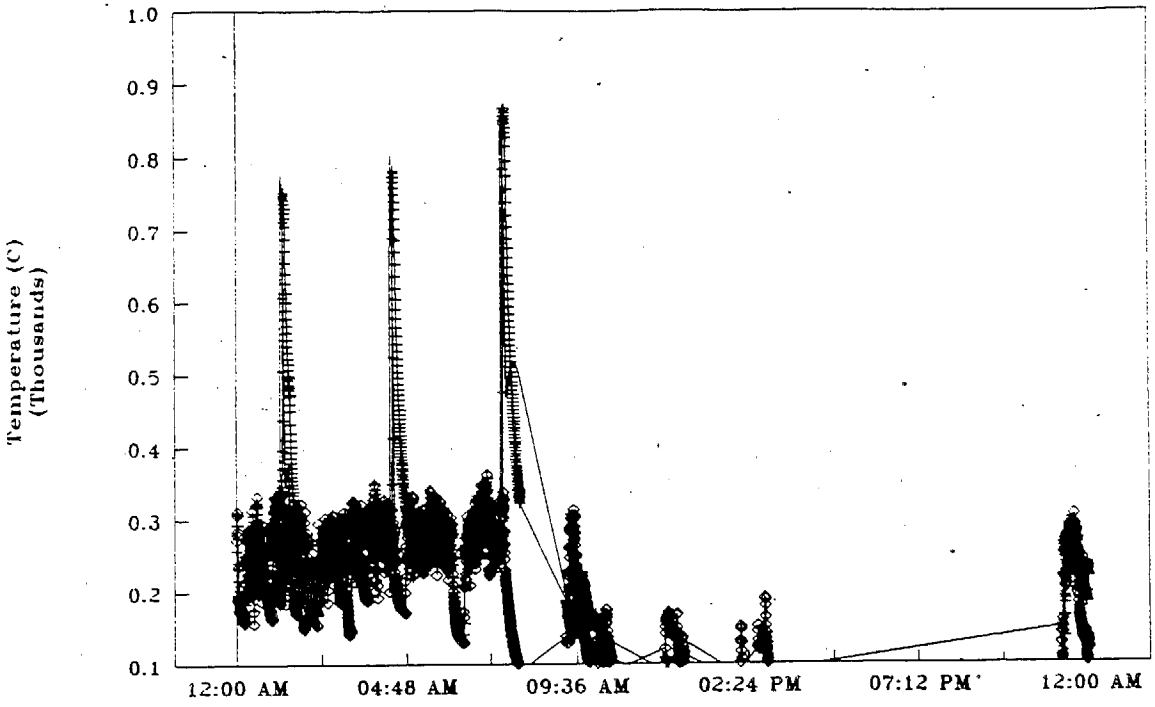
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 09, 1991)



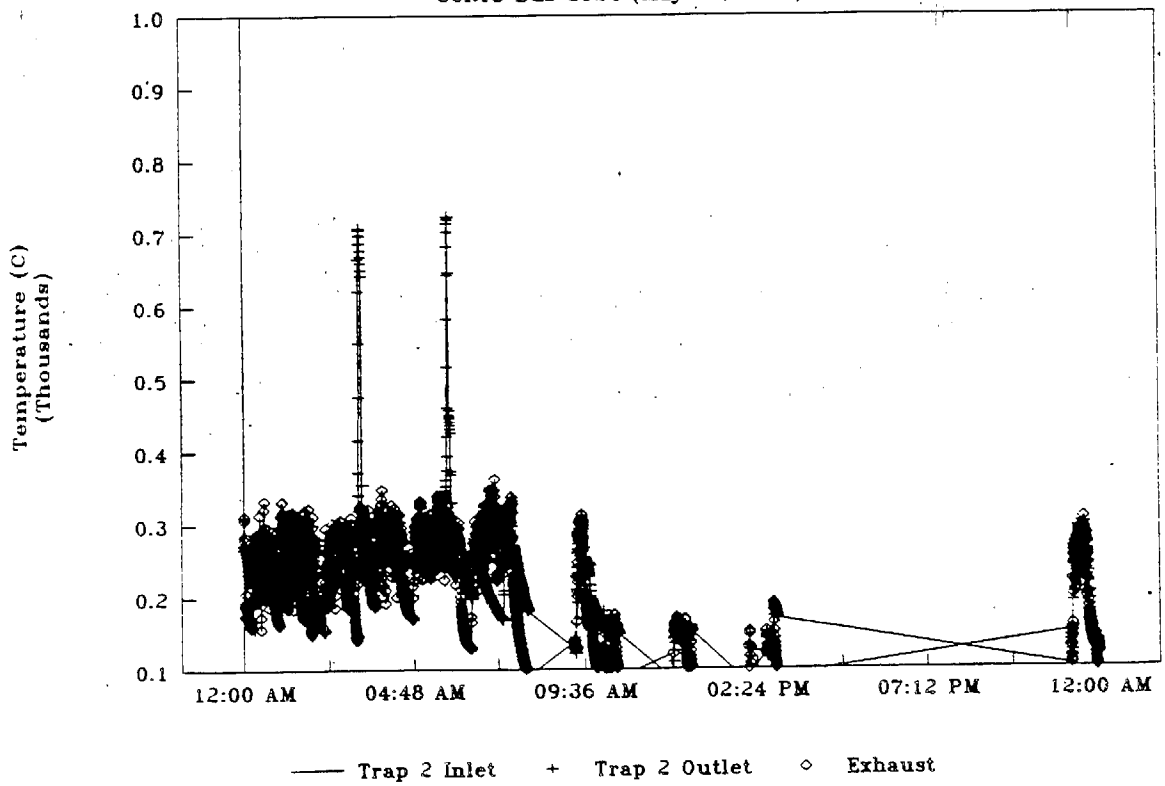
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 09, 1991)



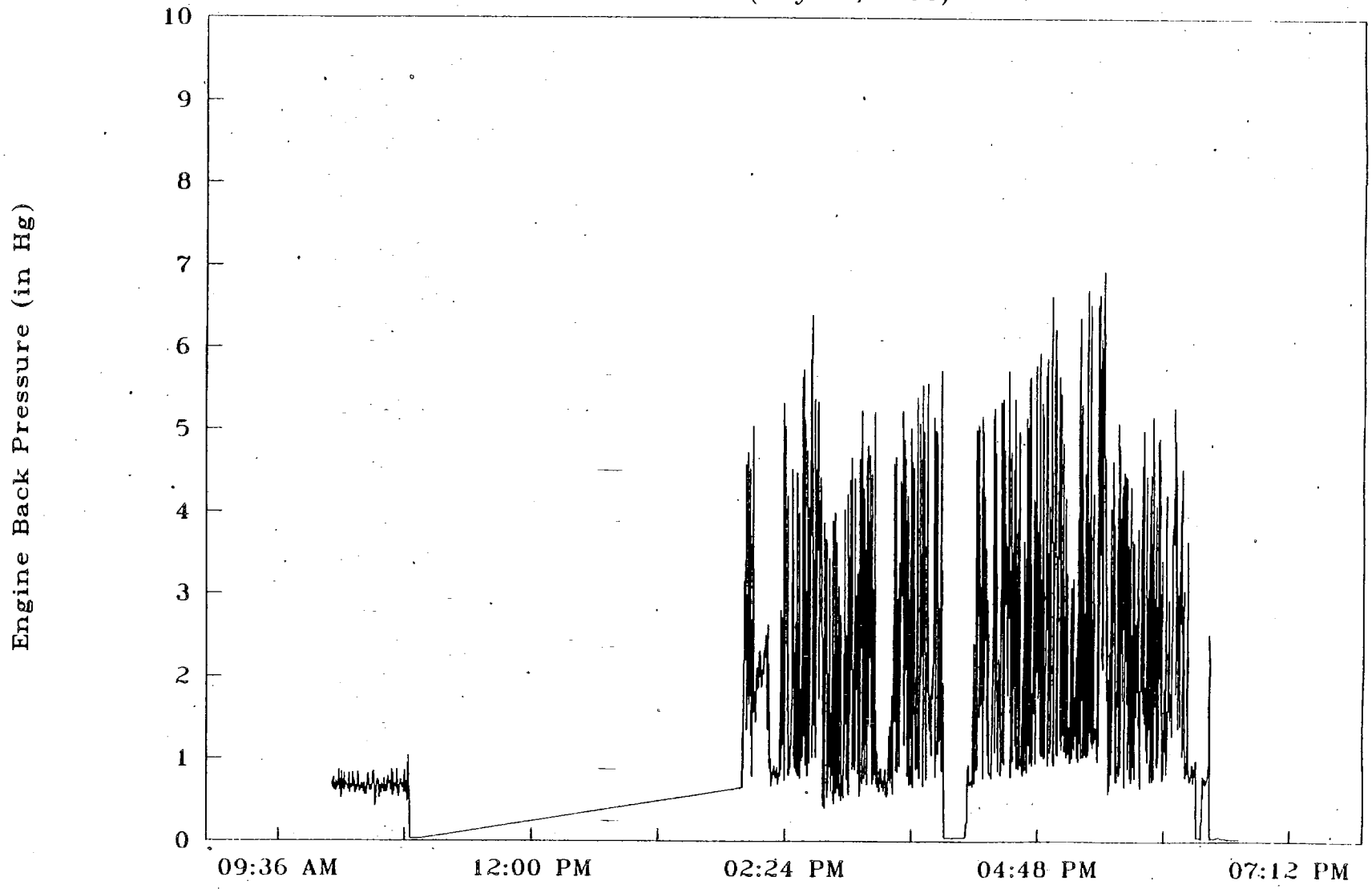
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 09, 1991)



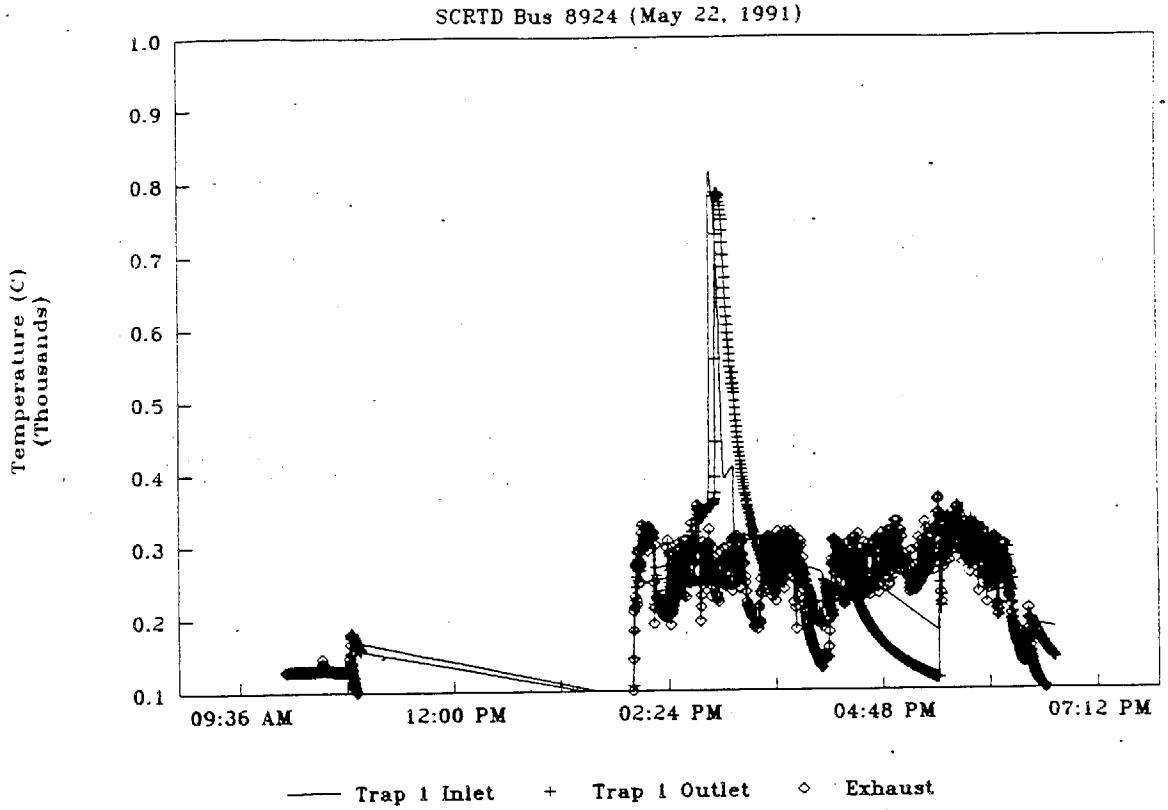
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 22, 1991)



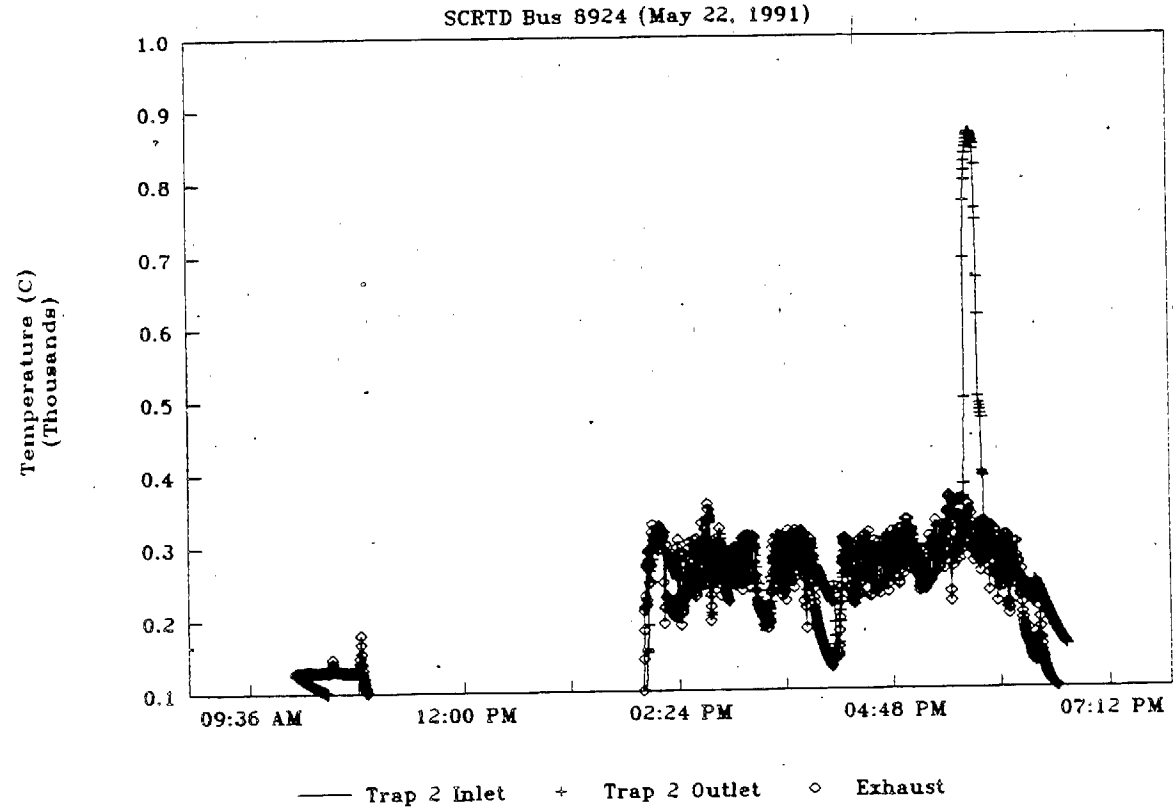
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 22, 1991)



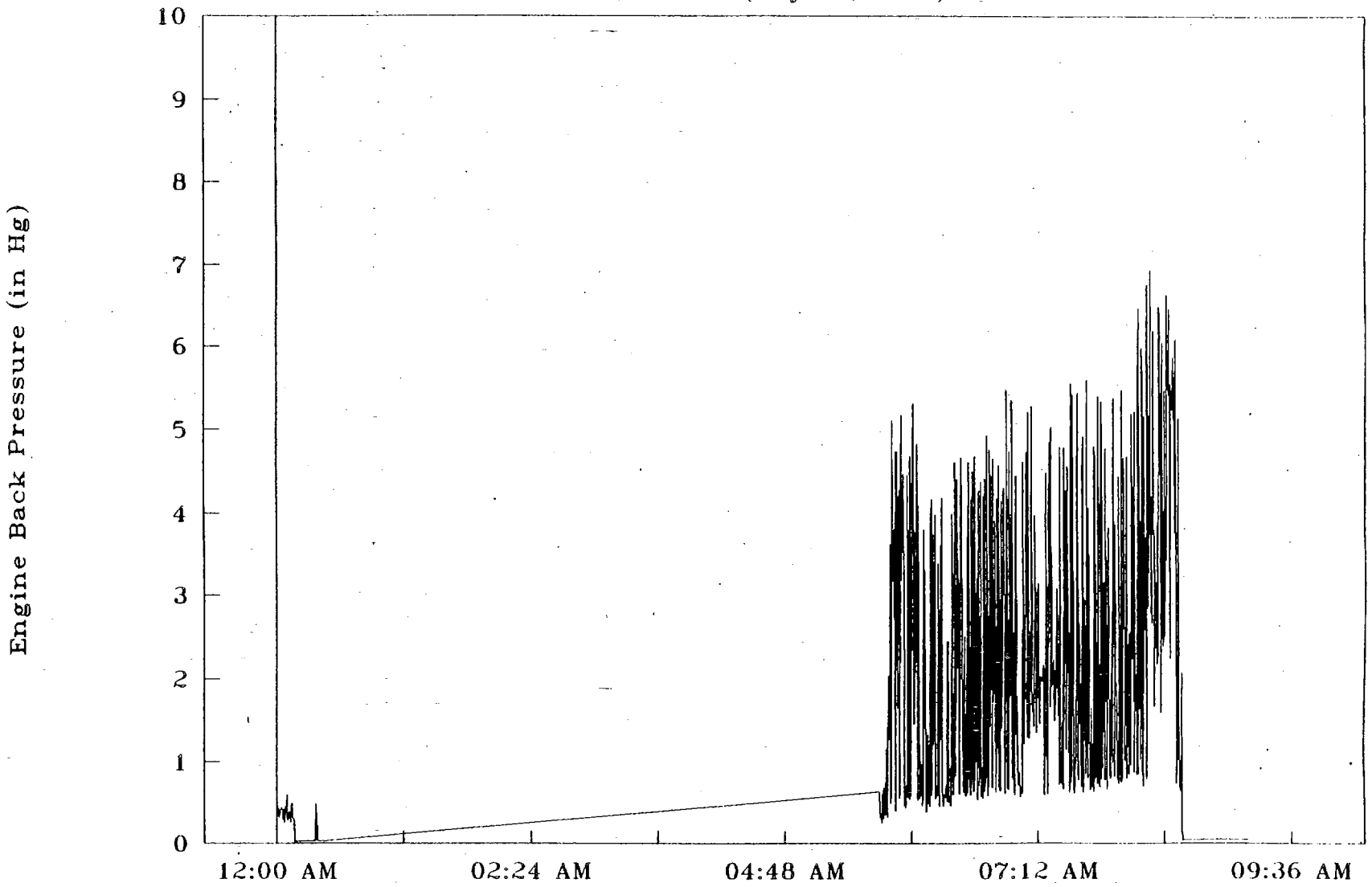
ARB Particulate Trap Demonstration

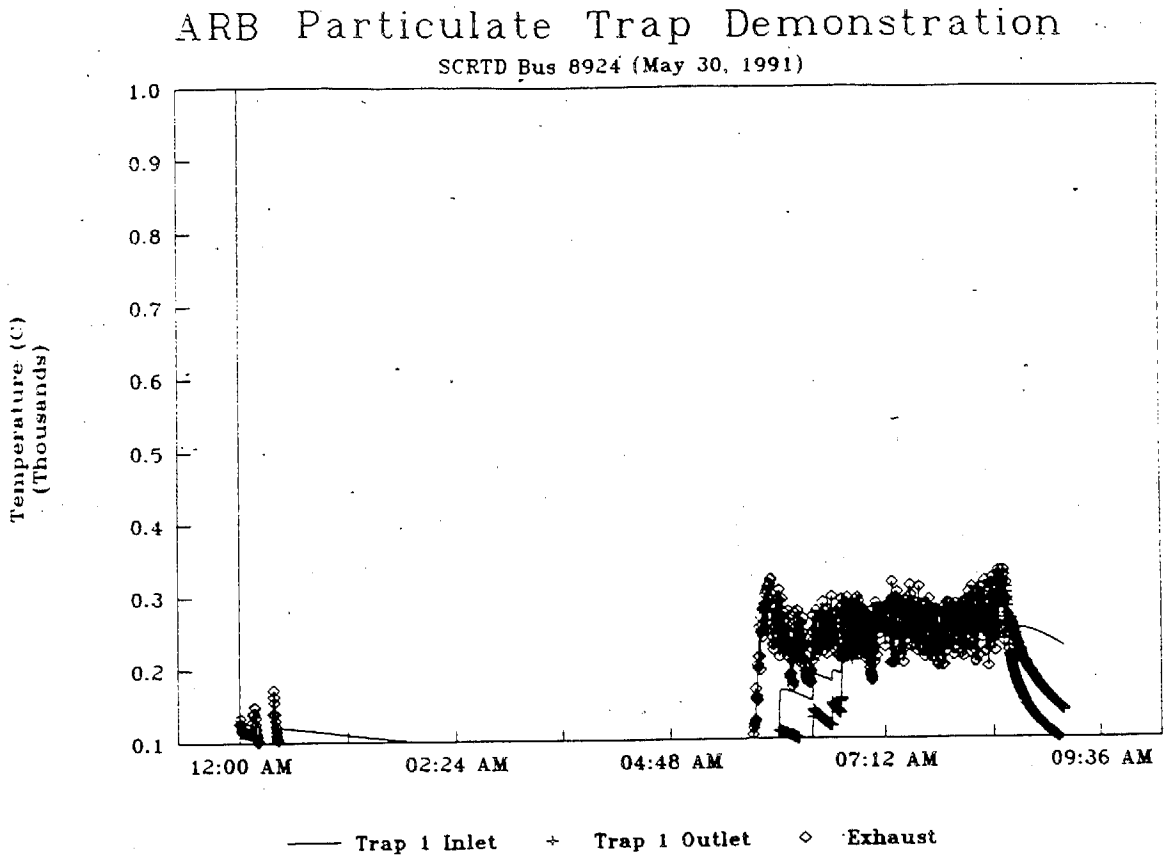
SCRTD Bus 8924 (May 22, 1991)

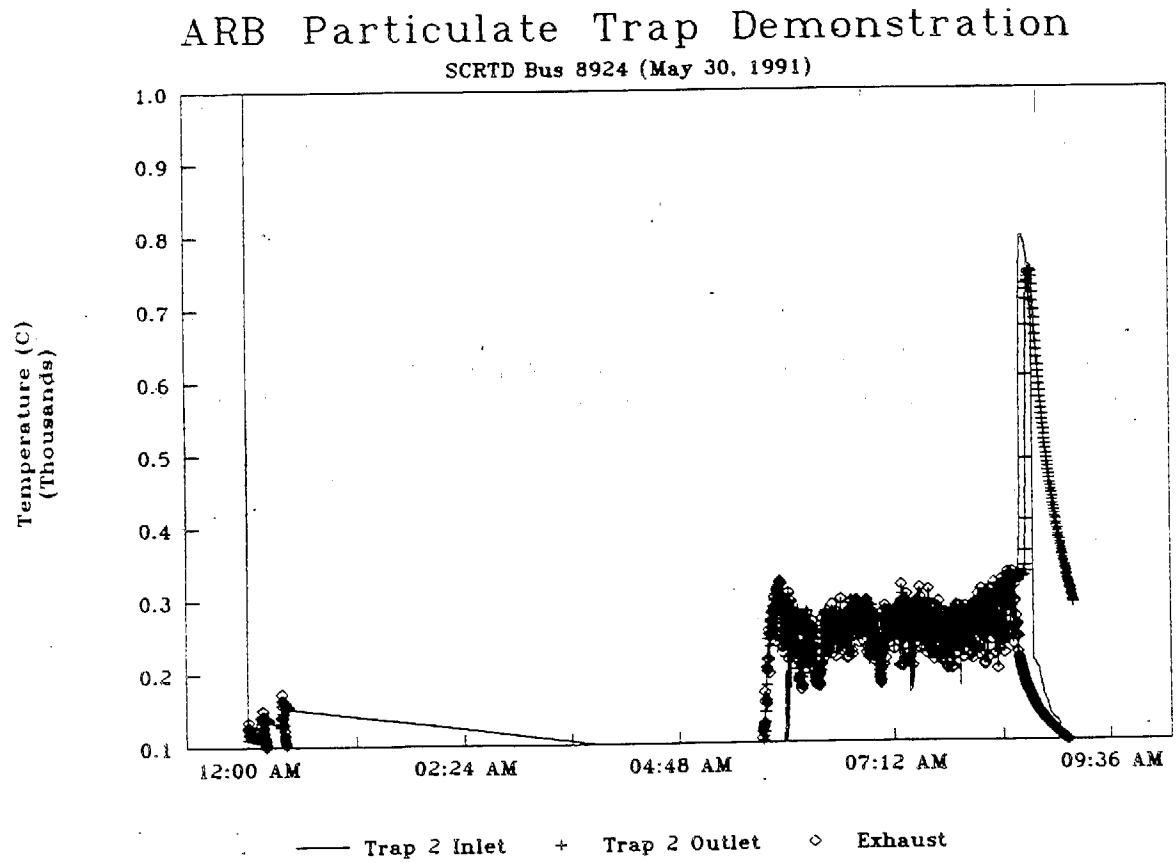


ARB Particulate Trap Demonstration

SCRTD Bus 8924 (May 30, 1991)

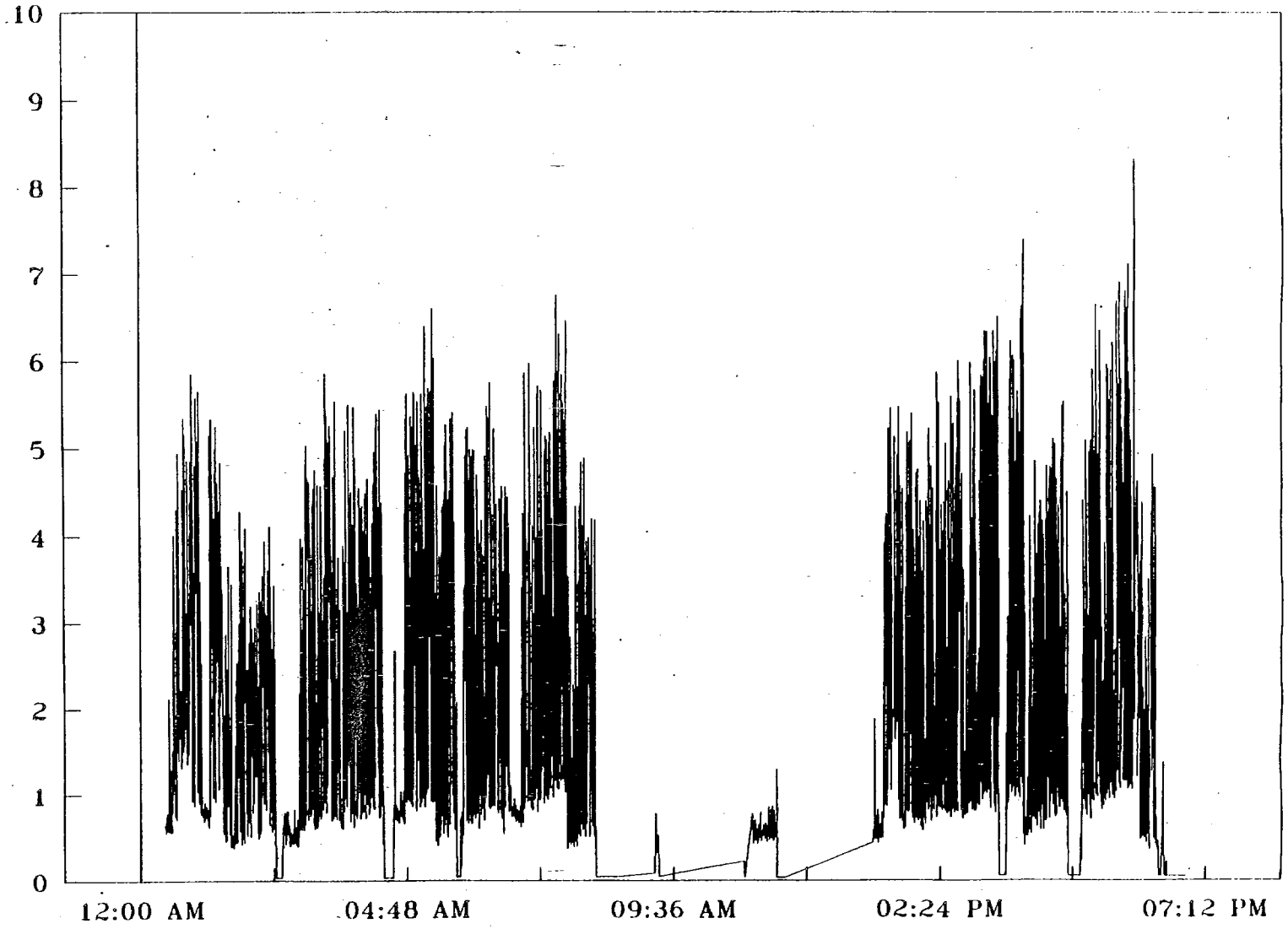


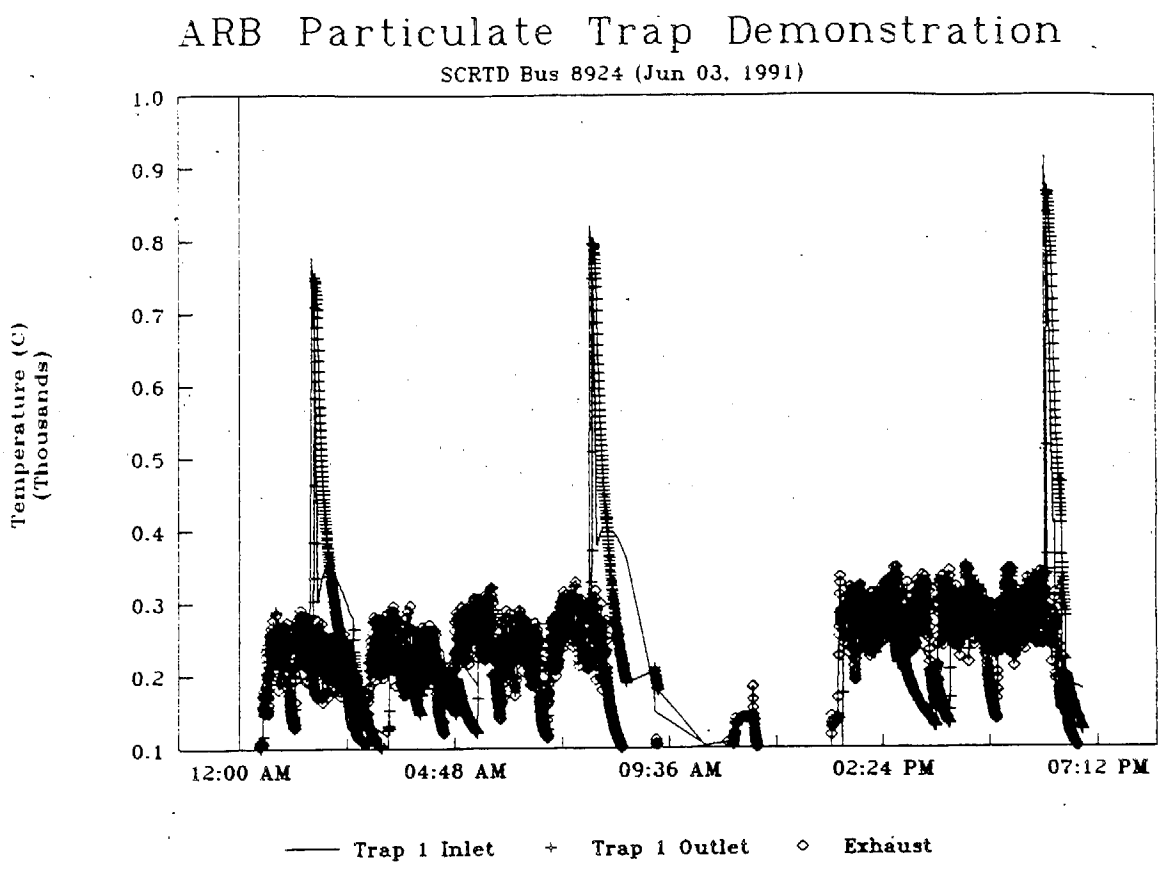

ARB Particulate Trap Demonstration
SCRTD Bus 8924 (May 30, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
02:24 AM
04:48 AM
07:12 AM
09:36 AM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (May 30, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
02:24 AM
04:48 AM
07:12 AM
09:36 AM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jun 03, 1991)




ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jun 03, 1991)
Temperature (C)
(Thousands)
1.0
0.9
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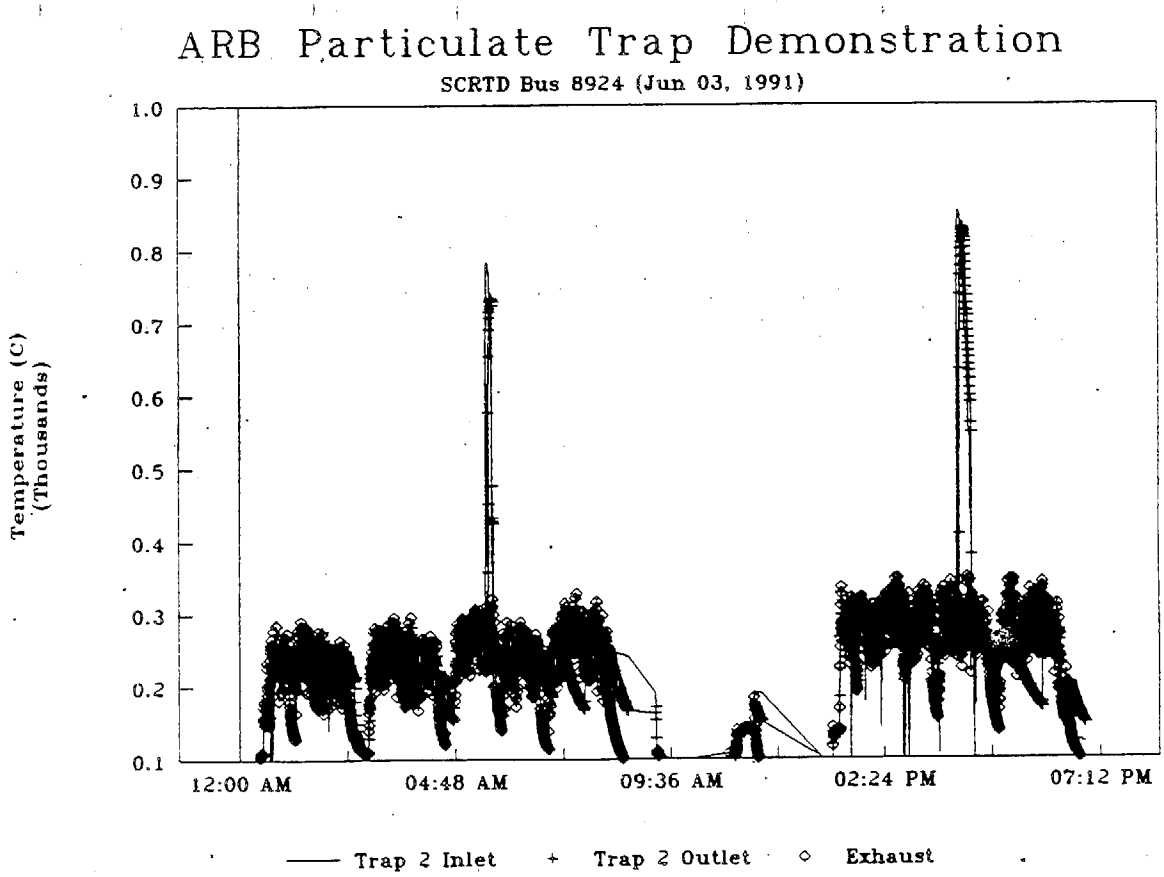
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jun 03, 1991)
Temperature (C)
(Thousands)
1.0
0.9
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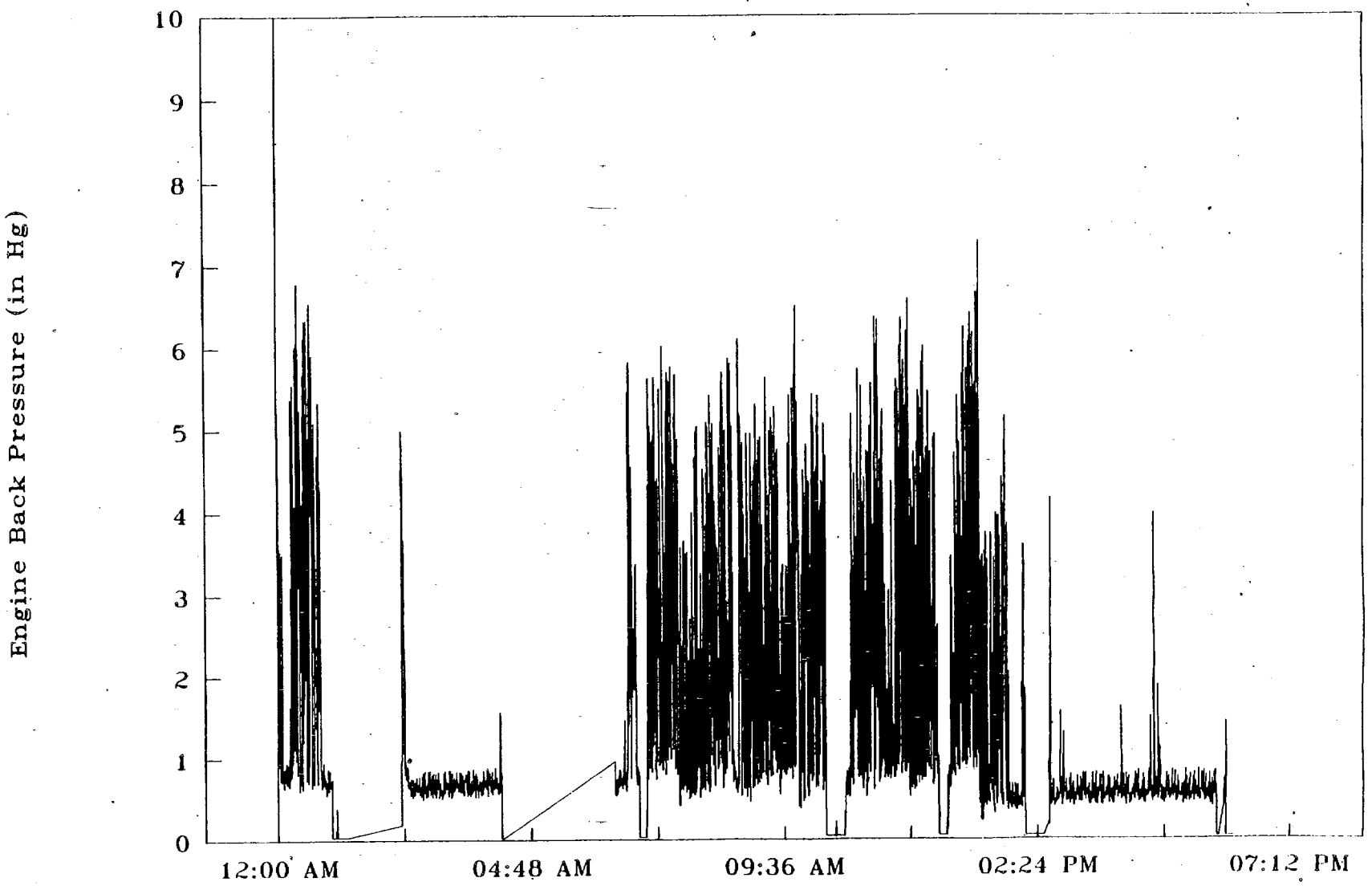
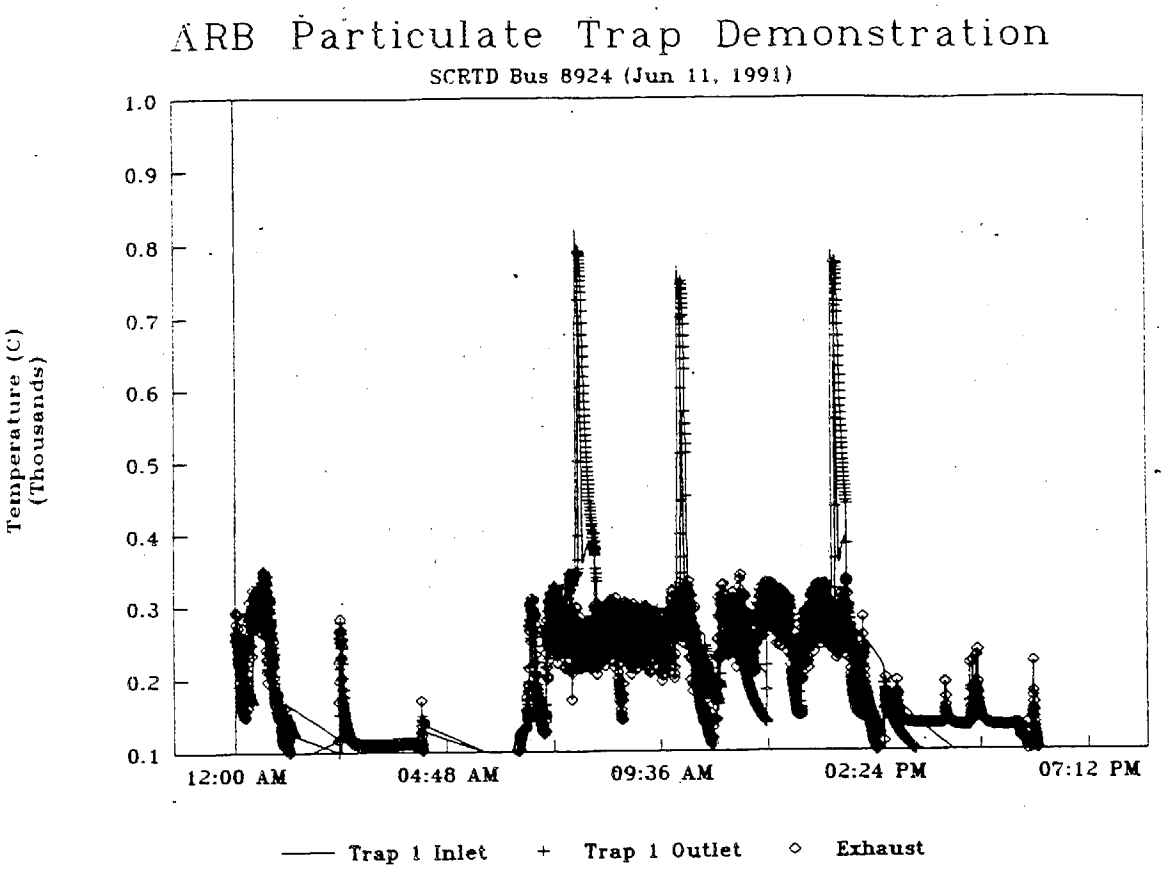
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jun 11, 1991)




ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jun 11, 1991)
Temperature (C)
(Thousands)
1.0
0.9
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12:00 AM
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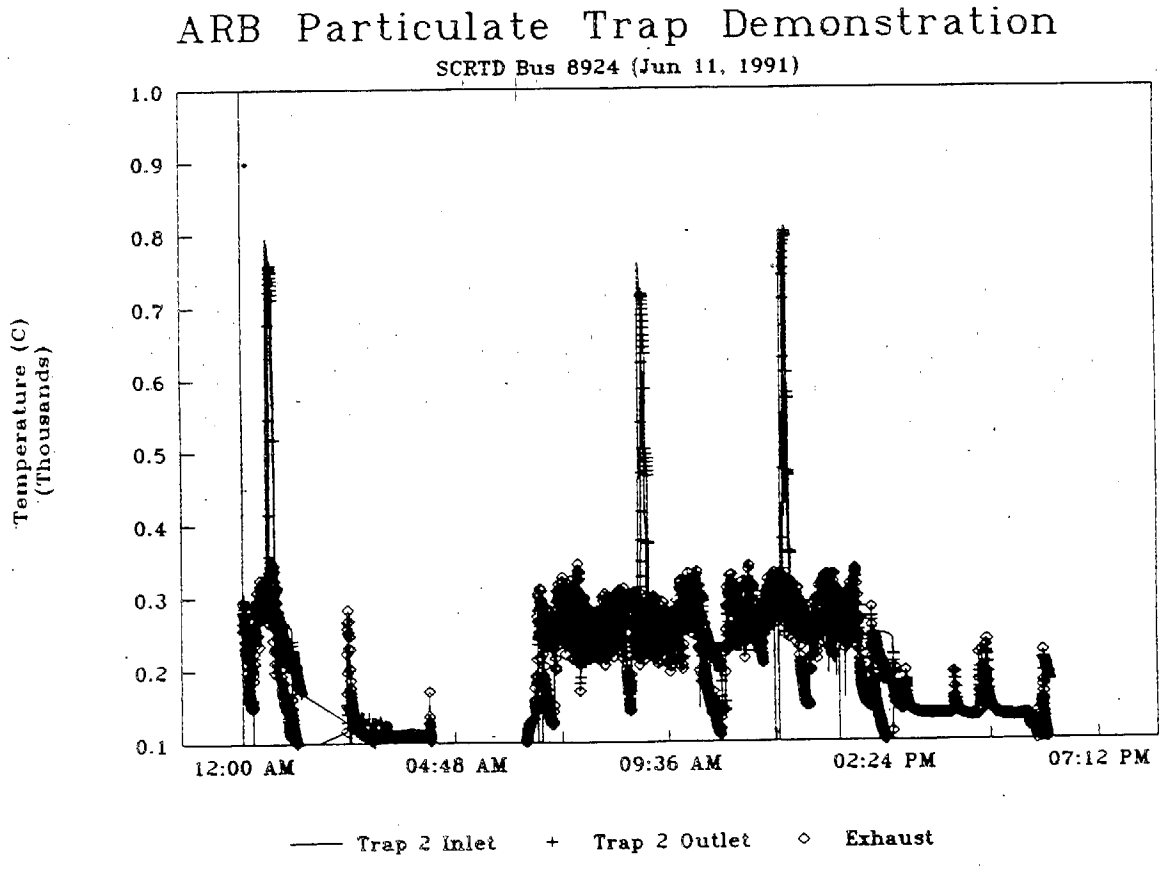
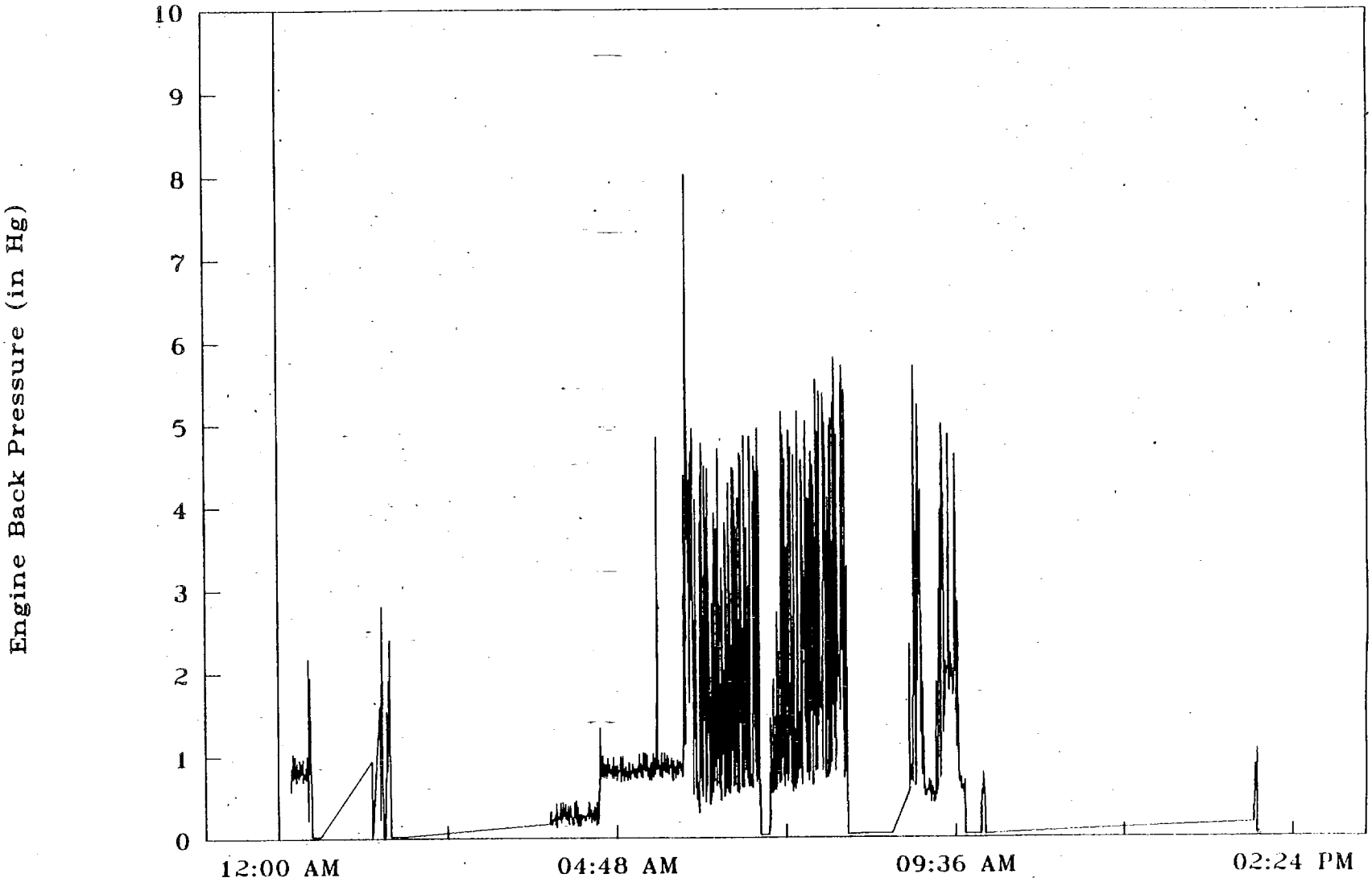
07:12 PM
Trap 1 Inlet
Trap 1 Outlet
Exhaust


ARB Particulate Trap Demonstration
SCRTD Bus 8924 (Jun 11, 1991)
Temperature (C)
(Thousands)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
12:00 AM
04:48 AM
09:36 AM
02:24 PM
07:12 PM
Trap 2 Inlet
Trap 2 Outlet
Exhaust

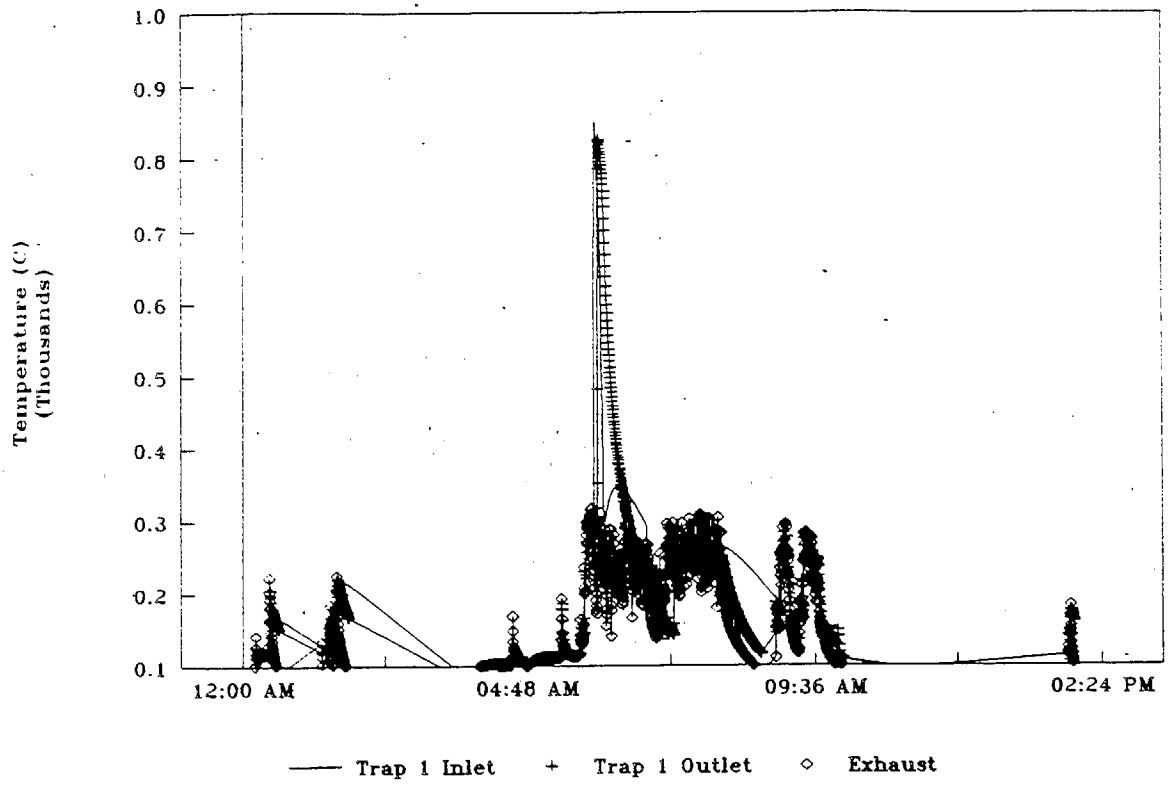
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jun 14, 1991)



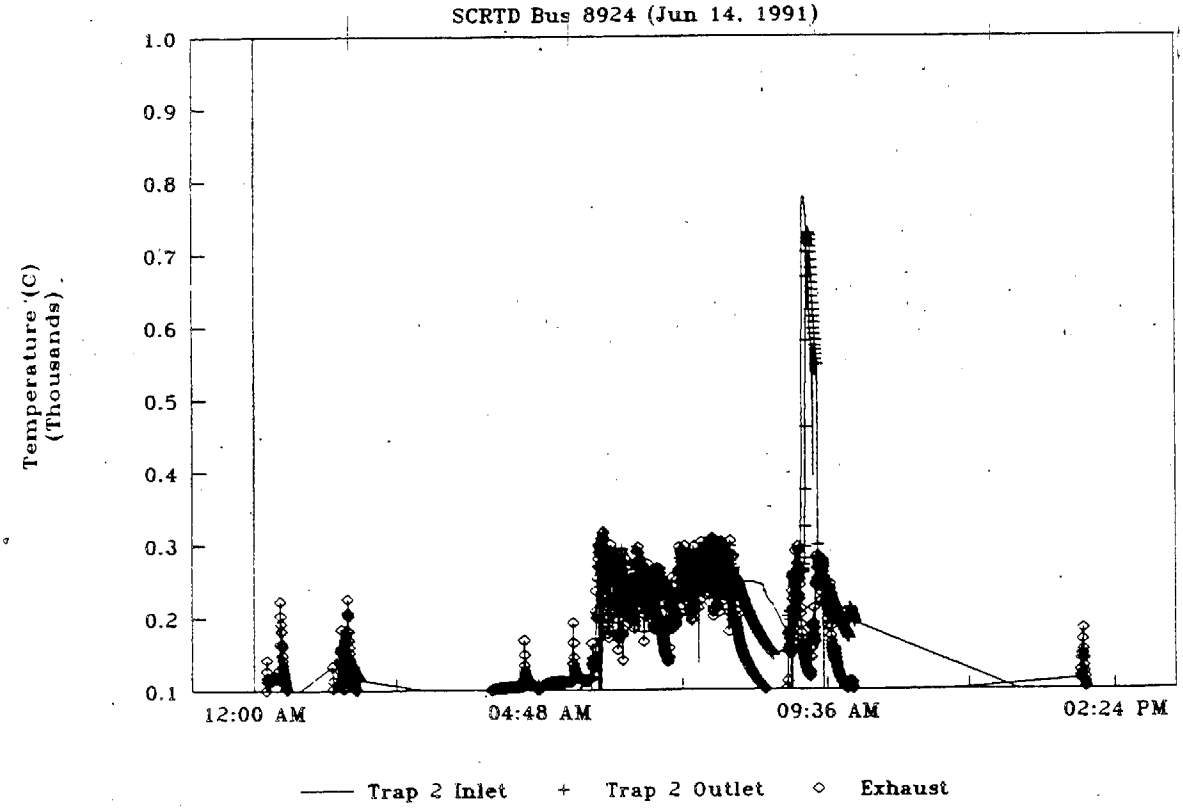
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jun 14, 1991)



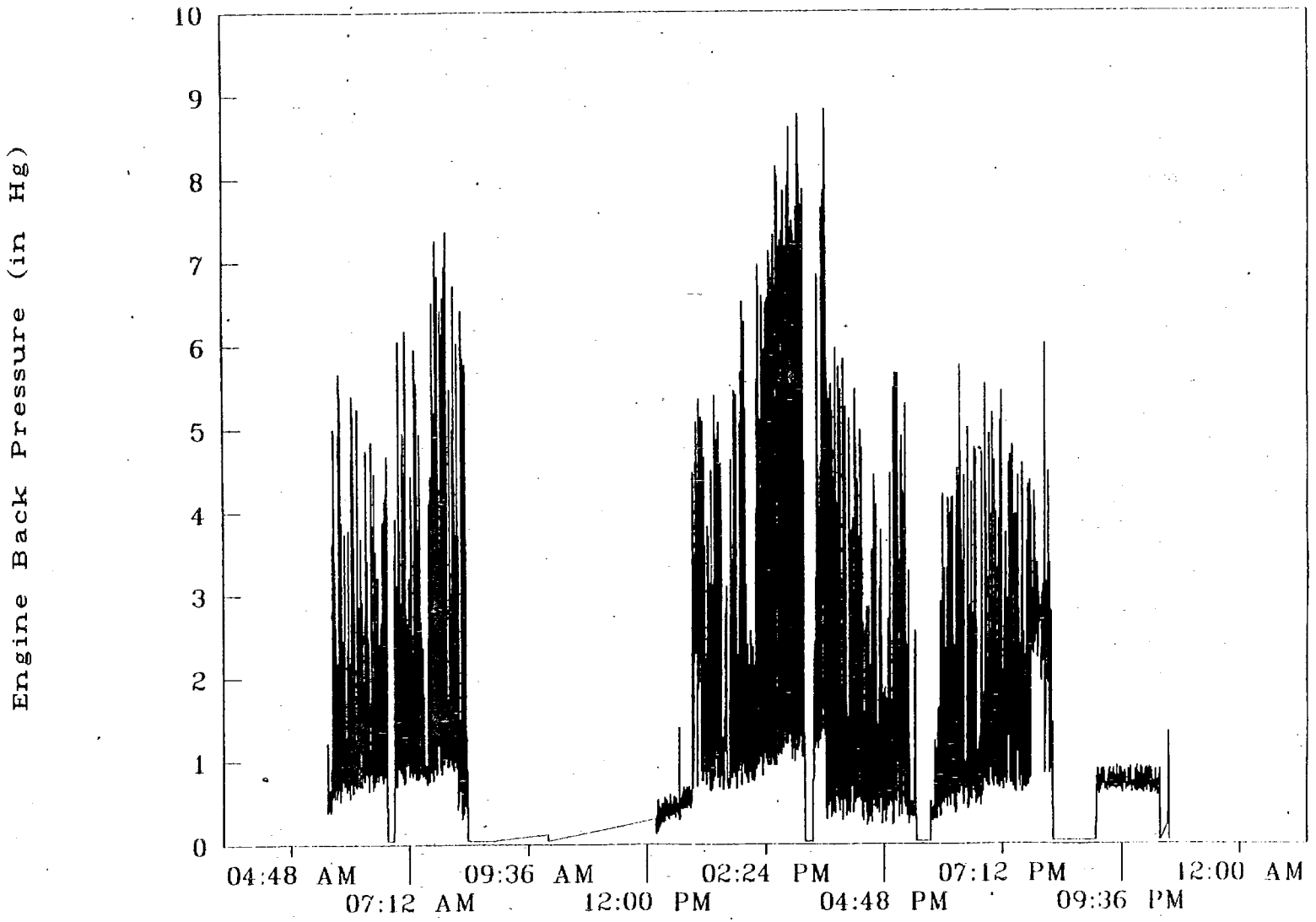
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Jun 14, 1991)



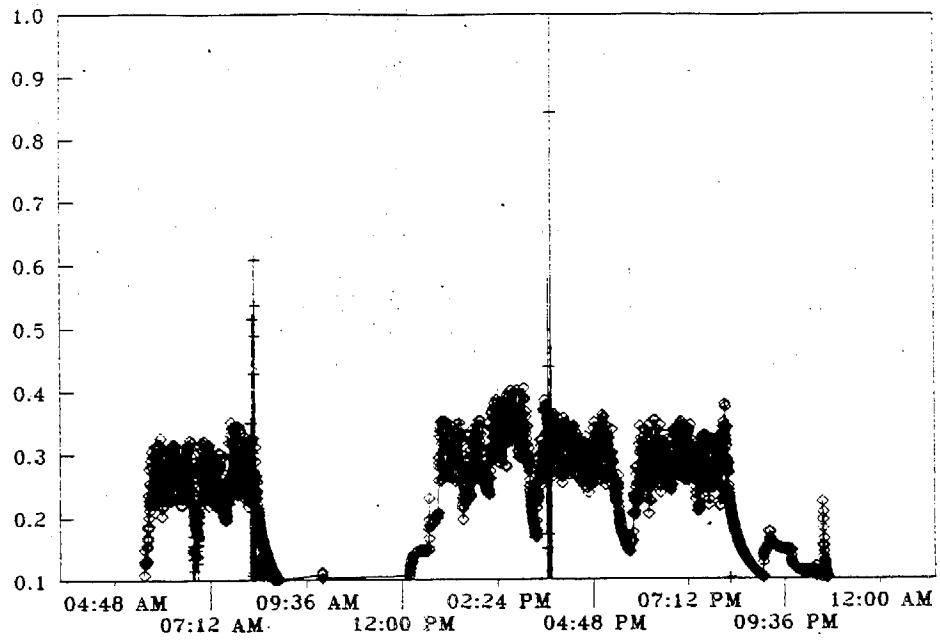
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Oct. 11, 1991)



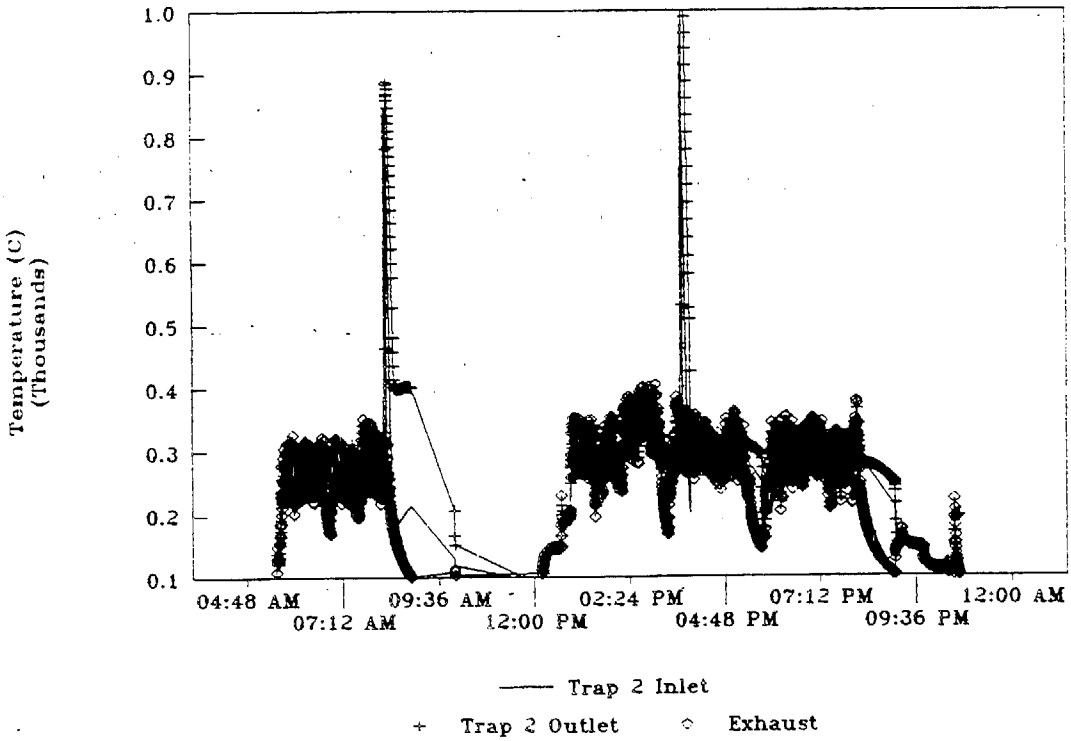
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Oct. 11, 1991)



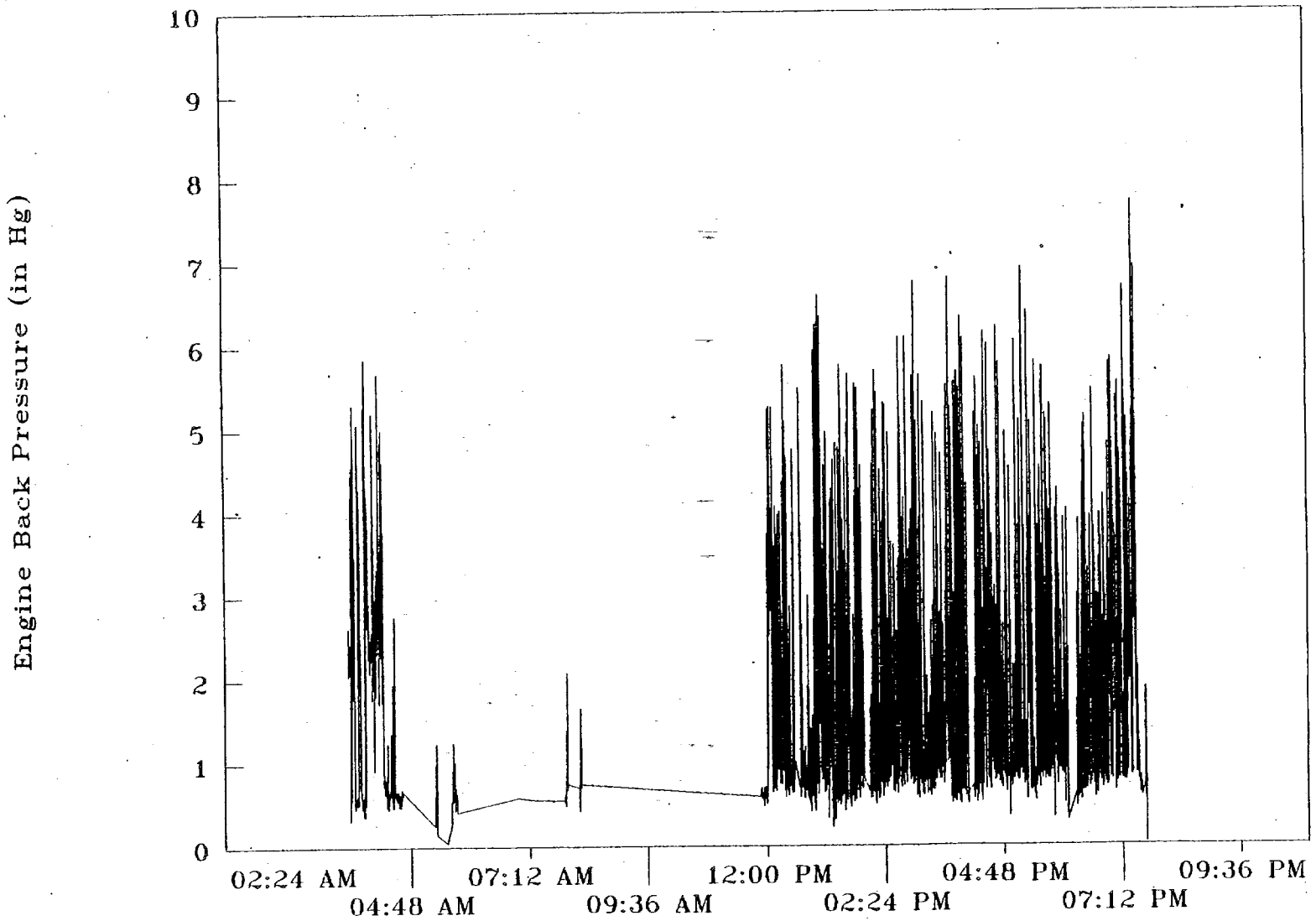
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Oct. 11, 1991)



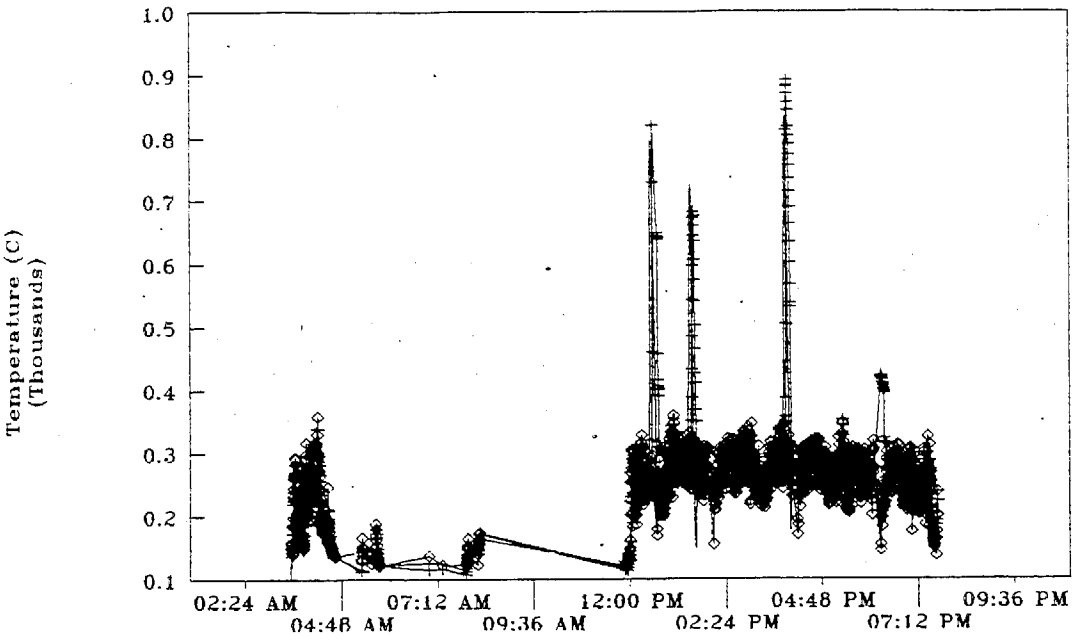
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Dec. 16, 1991)



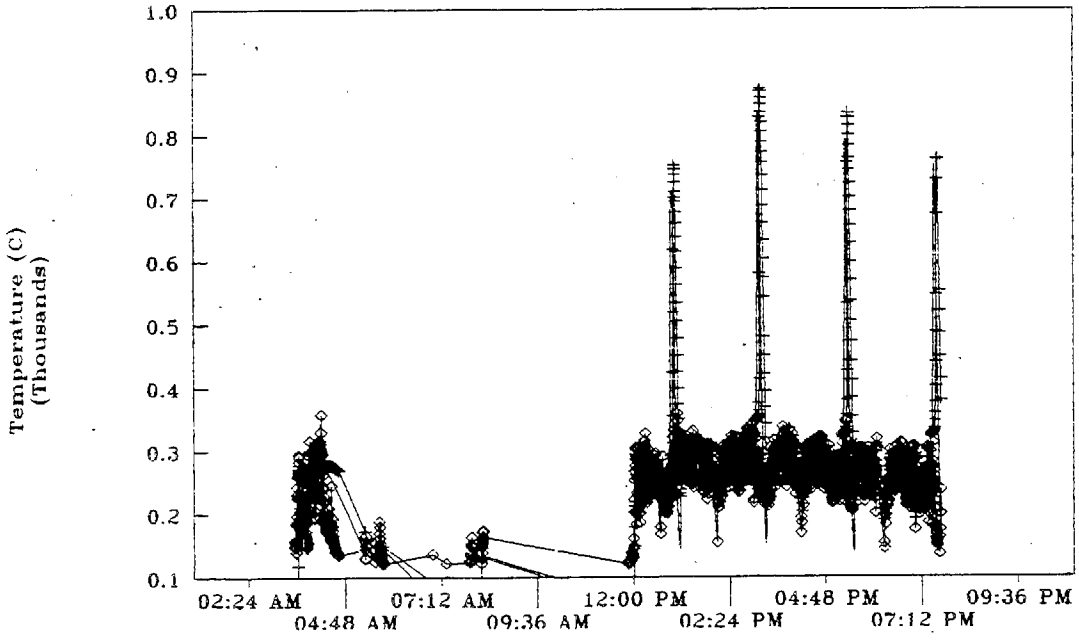
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Dec. 16, 1991)



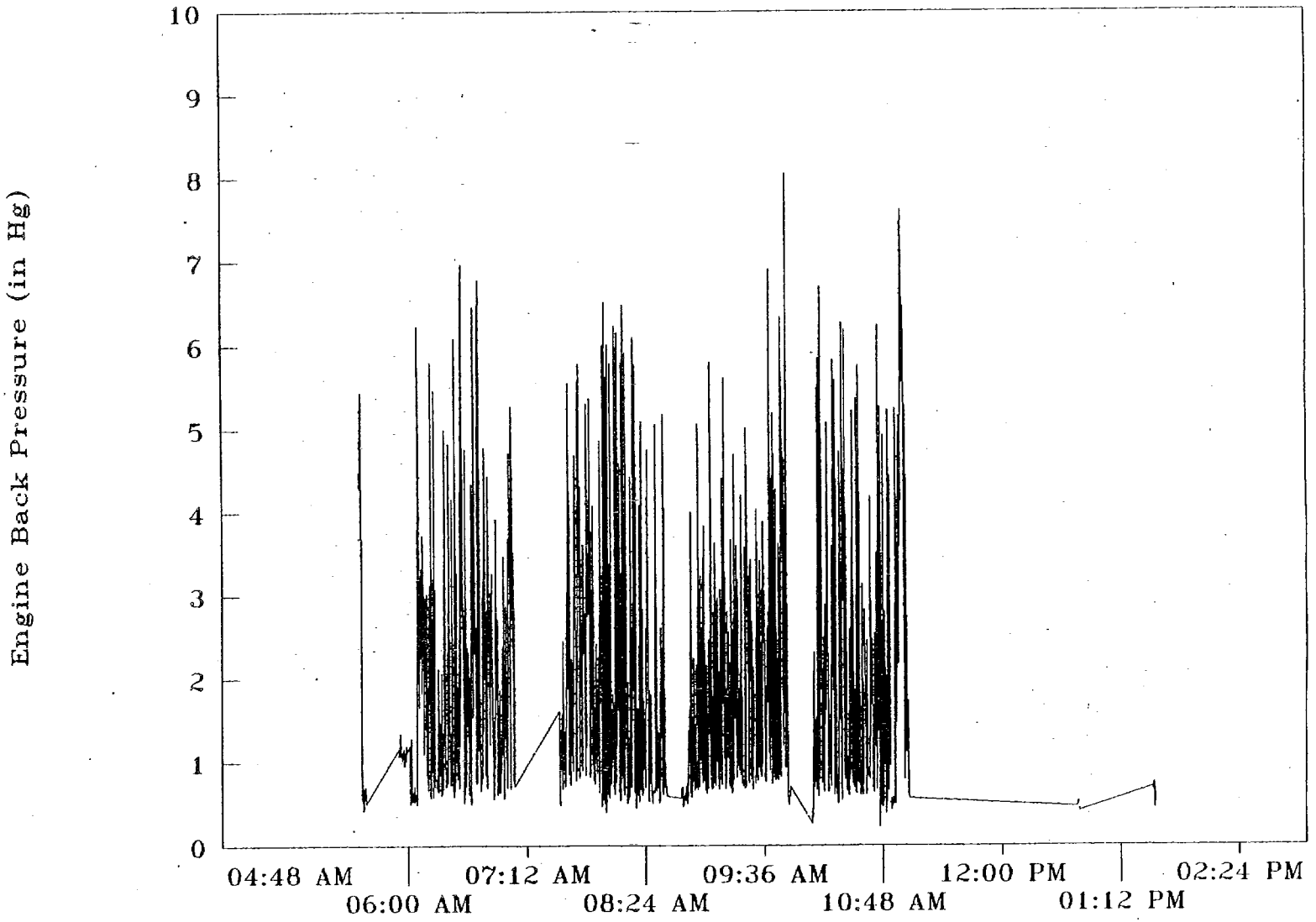
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Dec. 16, 1991)



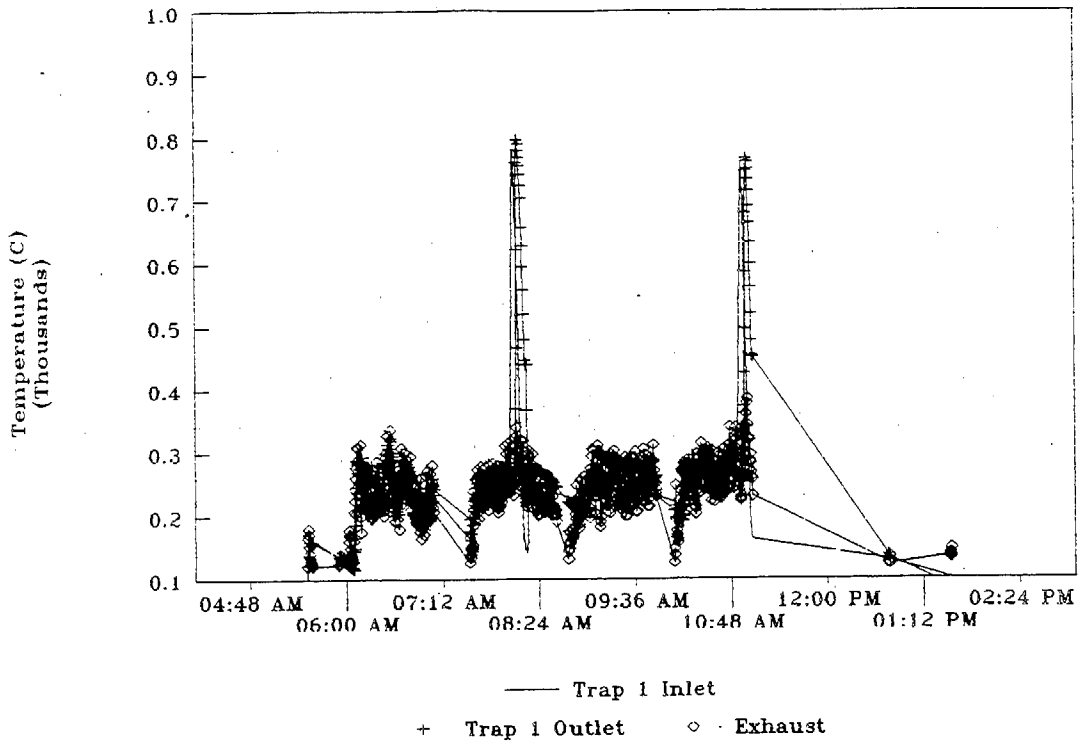
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Dec. 24, 1991)



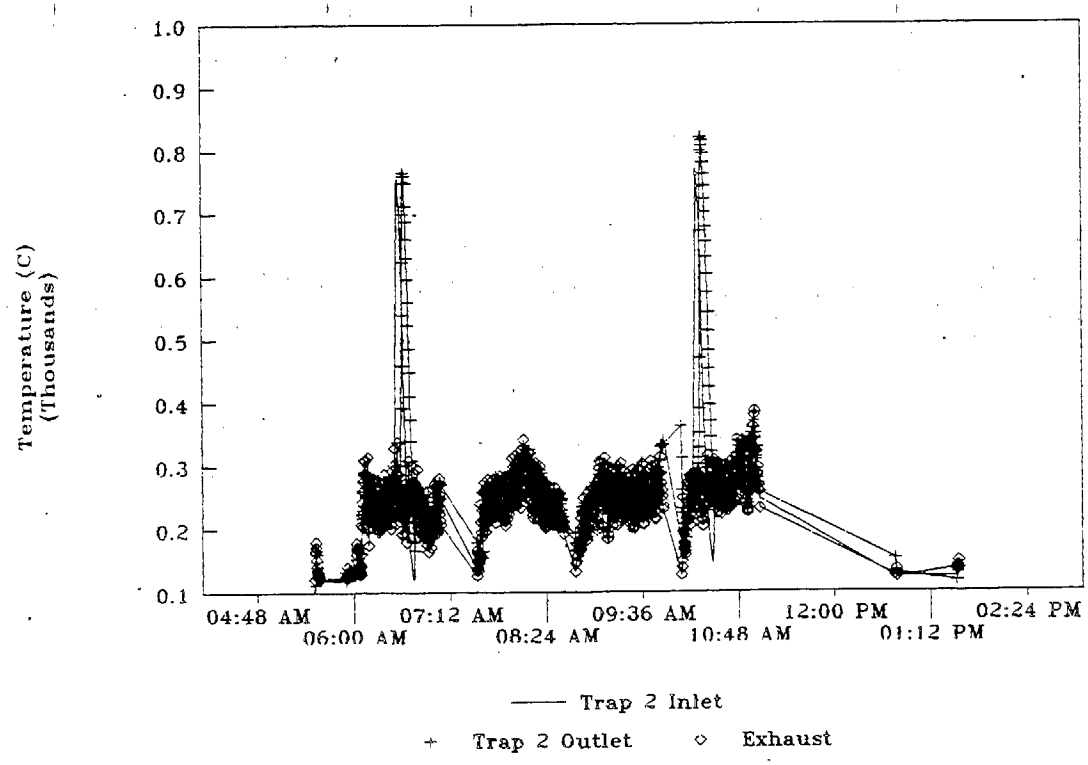
ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Dec. 24, 1991)



ARB Particulate Trap Demonstration

SCRTD Bus 8924 (Dec. 24, 1991)



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