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Table 1: All Available PM10 Data by Year and Month (n=1212)

MONTH	1992	1993	1994	1995	Total
January	1	30	31	31	93
February	25	28	28	28	109
March	31	30	28	31	120
April	28	26	0	30	84
May	29	29	0	25	83
June	30	29	13	30	102
July	31	28	31	30	120
August	29	29	31	29	118
September	30	29	10	27	96
October	30	30	2	31	93
November	28	30	21	7	86
December	28	31	26	23	108
Total	320	349	221	322	1212

Table 2: Available Complete Data on PM10 and Weather Data by Year and Month (n=1006)

MONTH	1992	1993	1994	1995	Total
January	0	24	31	0	55
February	20	28	28	22	98
March	31	27	28	31	117
April	25	20	0	30	75
May	26	26	0	22	74
June	30	24	10	30	94
July	31	1	29	27	88
August	25	23	31	26	105
September	30	26	2	24	82
October	27	18	0	27	72
November	26	23	9	7	65
December	23	31	10	17	81
Total	294	271	178	263	1006

Table 3A: Daily Mortality, Weather and Air Pollution Summary Statistics,
1992-1995 (n=1006)

Summary Statistics	Deaths	Average Temp. (°F)	Average Dew Point (°F)	Average PM10
Percentile				
5th	4	44.1	16.6	1.6
10th	5	47.7	20.8	2.2
25th	6	54.9	27.5	11.7
50th	8	69.8	36.0	17.7
75th	11	81.4	49.4	26.1
90th	13	87.2	56.9	38.0
95th	14	89.8	59.5	46.7
Minimum	1	30.3	3.6	0.2
Maximum	21	100.1	66.9	113.4
Mean	8.5	68.1	37.6	20.1
Geometric Mean	7.8	66.3	34.9	14.2

Table 3B: Daily Mortality, Weather and Air Pollution Summary Statistics,
1992-1995 (all available days)

Summary Statistics	Deaths	Average Temp. (°F)	Average Dew Point (°F)	Average PM10
Percentile				
5th	4	43.7	17.1	1.6
10th	5	47.3	21.0	2.2
25th	6	55.4	27.0	11.9
50th	8	69.8	35.0	17.8
75th	11	81.3	47.4	25.7
90th	13	87.2	55.8	36.7
95th	14	89.8	58.5	45.0
Minimum	1	30.3	3.6	0.2
Maximum	21	100.1	66.9	113.4
Mean	8.5	68.2	36.9	20.0
Geometric Mean	7.9	66.4	34.4	14.2
Number of days	1461	1380	1421	1212

Table 4A: Summary Statistics for PC Scores Based Upon the Pooled
 Harmonics, 1992-1995 (n=1006)

Summary Statistics	PC1 Score	PC2 Score	PC3 Score	PC4 Score
Percentile				
5th	-68.5	-75.9	-44.7	-53.8
10th	-63.7	-46.6	-24.5	-32.6
25th	-52.8	-14.1	-14.8	-10.1
50th	-25.5	-2.2	-2.5	-2.2
75th	17.2	12.8	14.0	8.7
90th	104.0	37.0	39.1	35.2
95th	165.9	62.4	57.9	59.2
Minimum	-80.0	-234.2	-316.9	-210.8
Maximum	510.1	358.2	269.0	184.4
Mean	-0.6	-0.4	0.6	0

Table 4B: Summary Statistics for PC Scores Based Upon the Pooled Harmonics, 1992-1995 (all available days)

Summary Statistics	PC1 Score	PC2 Score	PC3 Score	PC4 Score
Percentile				
5th	-67.9	-75.9	-44.3	-53.8
10th	-63.5	-43.9	-25.3	-31.6
25th	-51.5	-13.7	-14.9	-9.8
50th	-24.8	-1.7	-2.6	-2.0
75th	16.7	14.1	14.0	9.3
90th	99.3	36.2	38.3	34.7
95th	164.7	58.7	56.7	57.7
Minimum	-80.0	-234.2	-320.0	-210.8
Maximum	772.8	389.0	269.0	184.4
Mean	0.0	0.0	0.0	0.0

Table 5A: Summary Statistics for Brown, Gray and Mixed PM10 PC Scores, El Paso, Texas, 1992-1995 (n=1006)

Summary Statistics	Brown				Gray			
	BPC1	BPC2	BPC3	BPC4	GPC1	GPC2	GPC3	GPC4
Percentile								
5th	2.4	4.7	-45.8	-1.9	5.5	-8.1	-53.0	-1.0
10th	3.1	10.1	-27.7	-1.6	15.8	-7.2	-22.9	-0.4
25th	16.7	36.0	-11.7	0.5	27.5	-5.1	-10.7	2.0
50th	27.9	64.9	-0.5	4.6	93.3	6.3	1.3	13.6
75th	71.6	153.9	12.8	10.1	196.1	18.3	14.0	48.4
90th	199.3	301.8	33.8	24.7	304.3	35.6	24.0	71.1
95th	294.9	332.4	104.1	83.0	327.5	69.4	46.3	81.5
Minimum	1.7	4.7	-222.6	-2.7	2.2	-8.9	-179.0	-1.0
Maximum	350.1	332.4	208.2	153.8	397.3	343.4	135.0	81.5
Mean	65.9	110.7	2.3	13.1	126.9	18.0	0.1	24.0
Number of days	25	17	78	62	48	42	57	17

Table 5A continued:

Summary Statistics	Mixed			
	MPC1	MPC2	MPC3	MPC4
Percentile				
5th	-69.0	-76.6	-44.3	-55.7
10th	-64.1	-49.0	-24.4	-34.7
25th	-53.9	-14.9	-15.1	-11.9
50th	-29.3	-2.8	-3.0	-3.2
75th	2.1	11.7	14.3	8.1
90th	77.7	33.4	40.4	34.0
95th	136.3	50.6	58.4	58.9
Minimum	-80.0	-234.2	-316.9	-210.8
Maximum	510.1	358.2	269.0	184.4
Mean	-9.0	-3.2	0.5	-1.3
Number of days	933	947	871	927

Table 5B: Summary Statistics for Brown, Gray and Mixed PM10 PC Scores, El Paso, Texas, 1992-1995 (all available days)

Summary Statistics	Brown				Gray			
	BPC1	BPC2	BPC3	BPC4	GPC1	GPC2	GPC3	GPC4
Percentile								
5th	1.9	8.4	-42.9	-1.9	7.3	-8.1	-53.0	-0.4
10th	2.7	10.1	-26.4	-1.6	16.2	-6.9	-30.8	0.1
25th	16.7	24.6	-10.5	0.7	28.6	-2.7	-10.6	2.7
50th	31.4	44.7	1.7	5.2	94.4	7.7	2.6	16.6
75th	80.3	117.2	16.1	10.6	190.2	22.3	15.0	37.4
90th	247.1	267.8	39.6	24.7	292.7	35.6	24.0	50.0
95th	350.1	301.8	83.0	83.0	325.0	92.0	46.0	71.1
Minimum	1.7	4.7	-222.6	-2.7	2.2	-8.9	-179.0	-1.0
Maximum	772.8	332.4	208.2	153.8	397.3	343.4	135.0	81.5
Mean	88.3	86.9	4.7	13.0	127.5	19.1	-0.2	22.6
Number of days	30	25	90	67	60	56	77	25

Table 5B continued:

Summary Statistics	Mixed			
	MPC1	MPC2	MPC3	MPC4
Percentile				
5th	-68.5	-77.2	-43.7	-55.5
10th	-63.8	-48.5	-25.3	-34.4
25th	-53.1	-14.8	-15.2	-11.5
50th	-27.7	-2.5	-3.1	-2.9
75th	2.1	12.3	13.5	8.5
90th	71.7	33.7	39.1	33.9
95th	133.0	50.1	57.0	57.5
Minimum	-80.0	-234.2	-320.0	-210.8
Maximum	510.1	389.0	269.0	184.4
Mean	-9.2	-2.9	-0.4	-1.3
Number of days	1122	1131	1045	1120

Table 6: Summary Statistics for Brown, Gray and Mixed Average Daily PM10, El Paso, Texas, 1992-1995

Summary Statistics	Average PM10, n=1212			Average PM10, n=1006		
	Brown	Gray	Mixed	Brown	Gray	Mixed
Percentile						
5th	9.3	4.4	1.5	9.3	3.2	1.5
10th	10.4	11.2	2.0	10.4	10.6	2.0
25th	12.8	15.4	11.3	12.8	15.2	11.3
50th	17.5	21.8	17.3	17.4	21.8	17.3
75th	27.5	34.8	24.5	25.7	36.8	25.1
90th	39.7	48.4	33.9	38.0	48.4	35.1
95th	59.5	59.8	43.1	55.5	60.2	43.5
Minimum	1.4	0.2	0.4	1.4	0.2	0.4
Maximum	99.5	70.1	113.4	84.4	70.1	113.4
Mean	22.7	26.2	18.8	21.8	26.7	19.1
Number of days	110	130	972	94	100	812

Table 7: Summary Statistics for Accidental Deaths, El Paso, Texas,
1992-1995

Summary Statistics	Accidental Deaths	
	all available days	days with complete data
Percentile		
5th	0	0
10th	0	0
25th	0	0
50th	1	1
75th	2	2
90th	3	3
95th	3	3
Minimum	0	0
Maximum	7	7
Mean	1.21	1.25
Number of days	1461	990

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Figure 1a. PM10 1992: Available Data

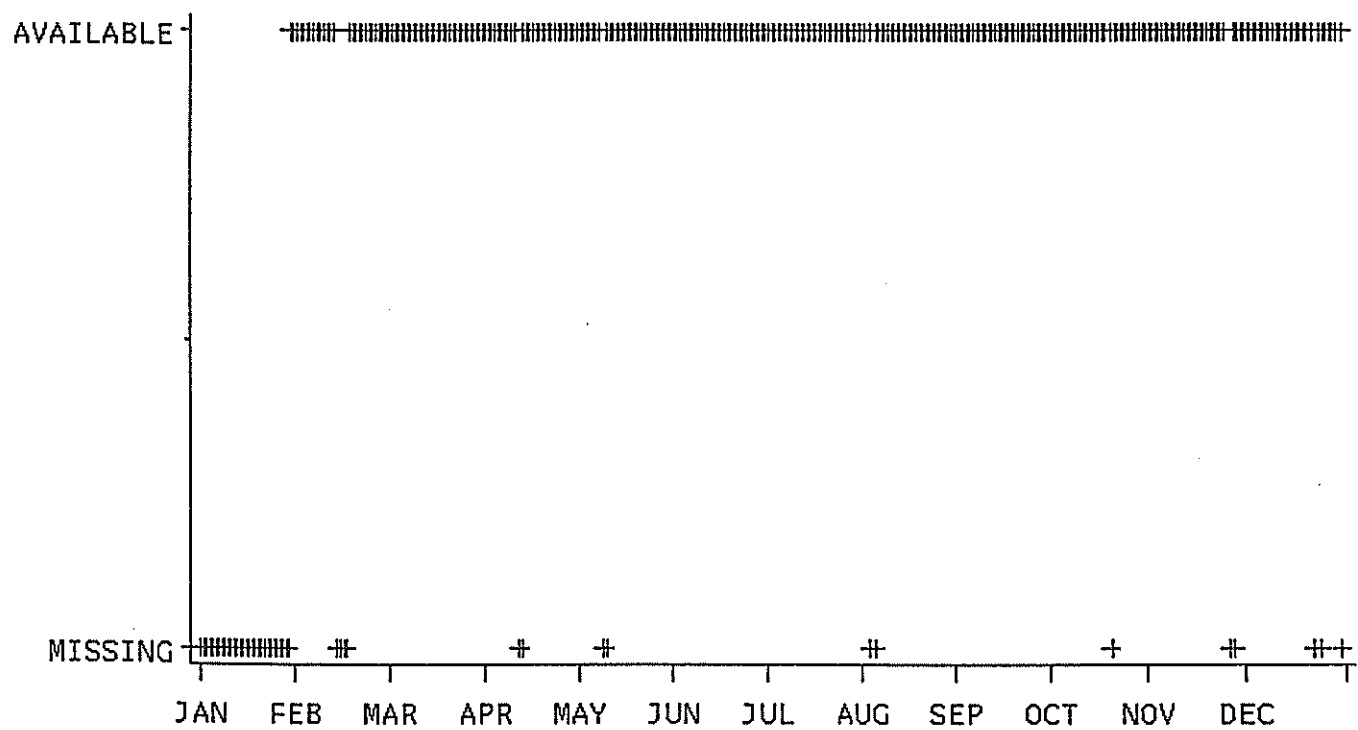


Figure 1b. PM10 1993: Available Data

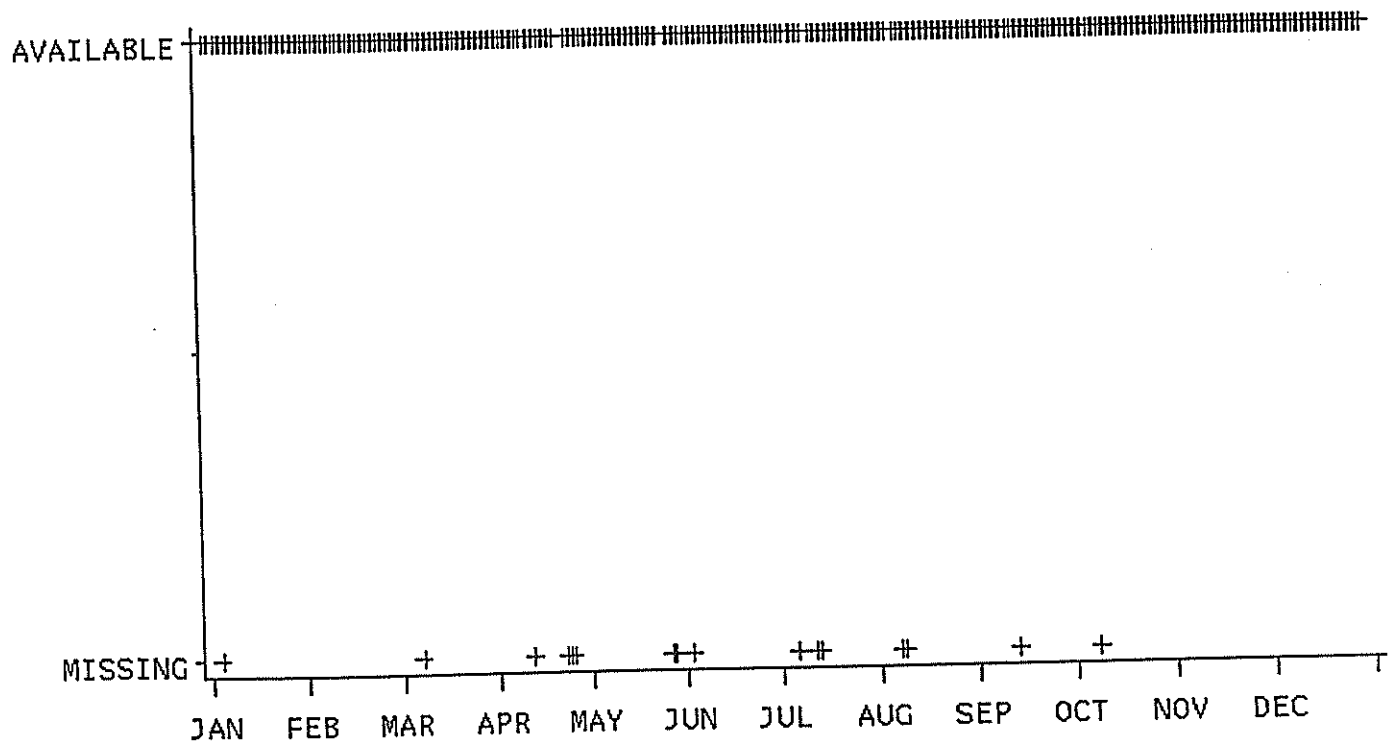


Figure 1c. PM10 1994: Available Data.

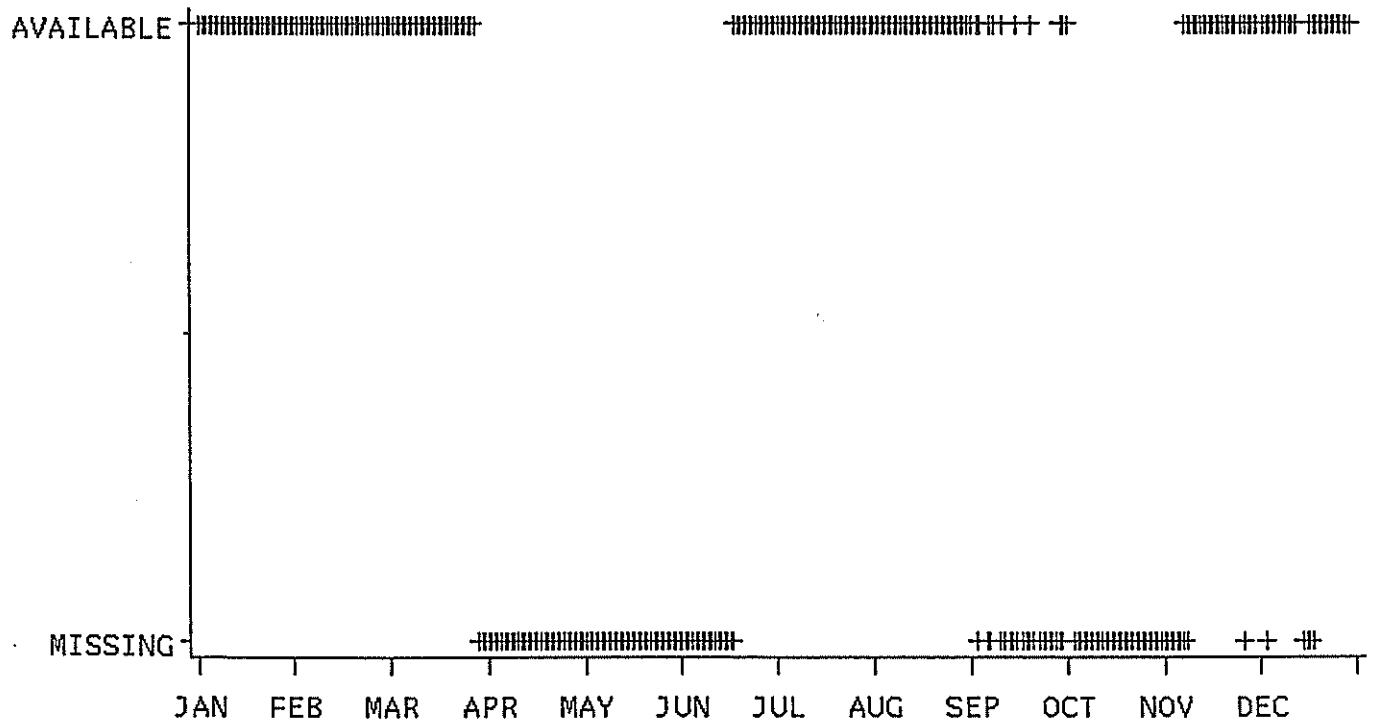


Figure 1d. PM10 1995: Available Data

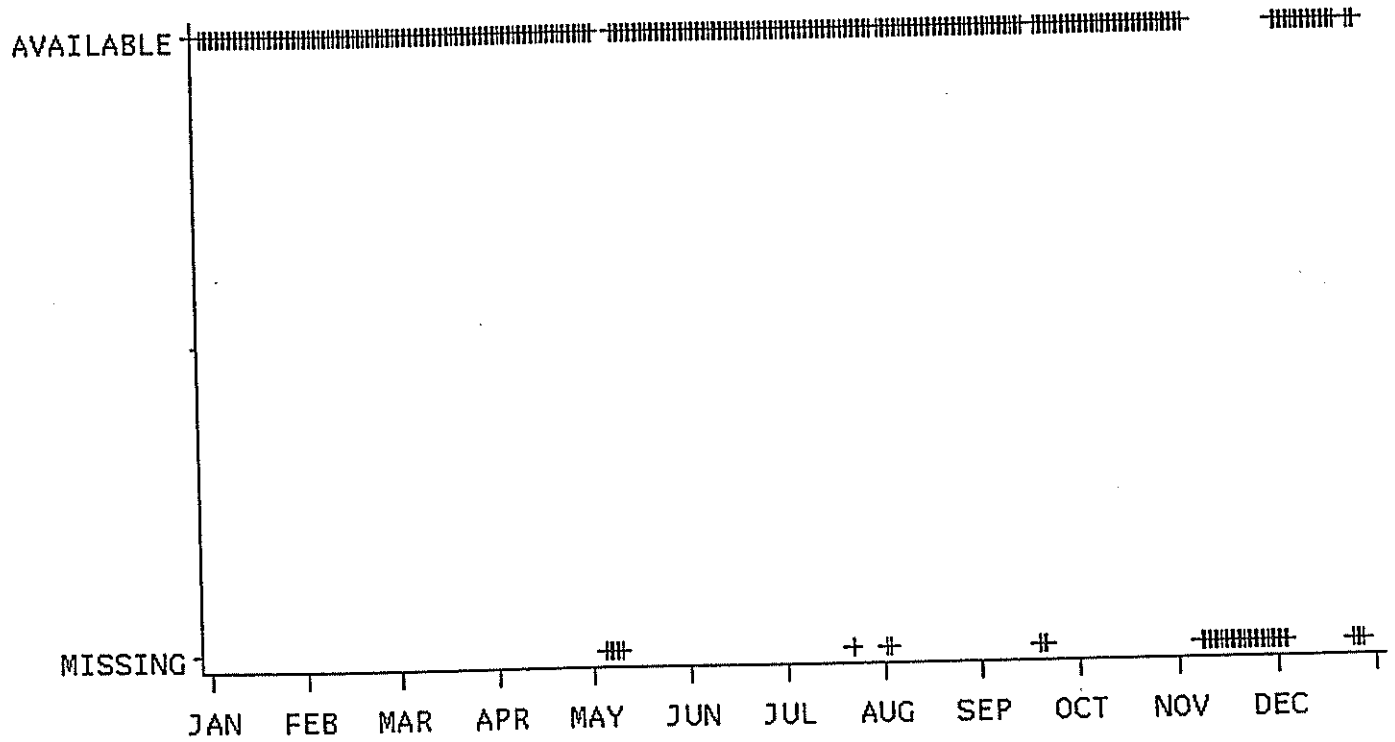


Figure 2a. Dew Point 1992: Available Data

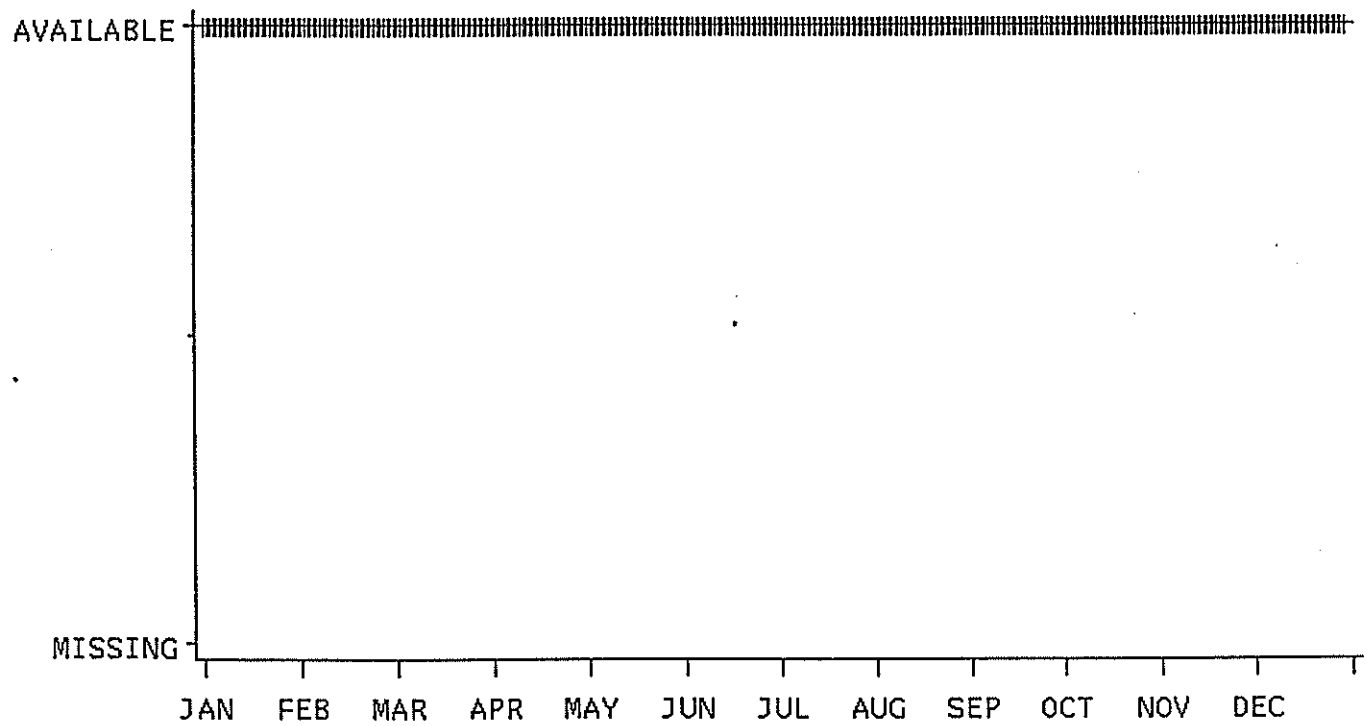


Figure 2b. Dew Point 1993: Available Data

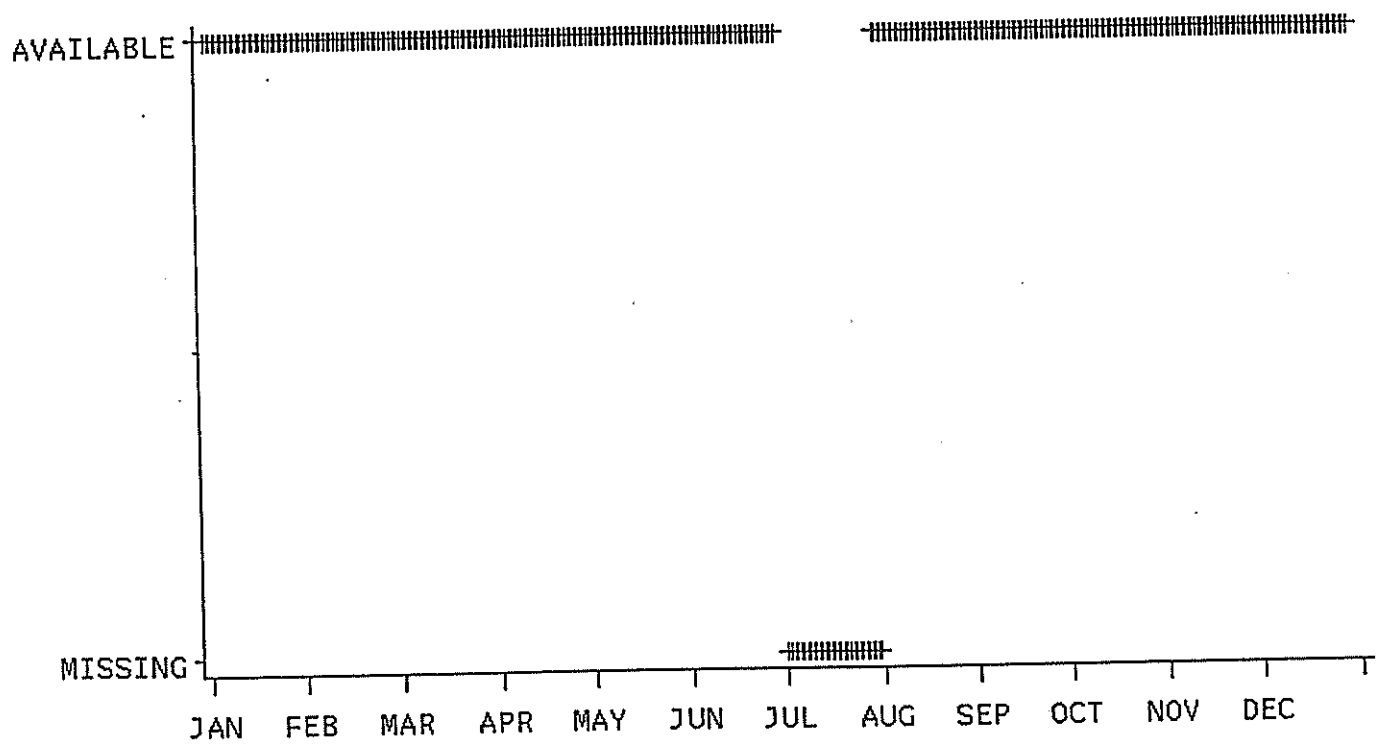


Figure 2c. Dew Point 1994: Available Data

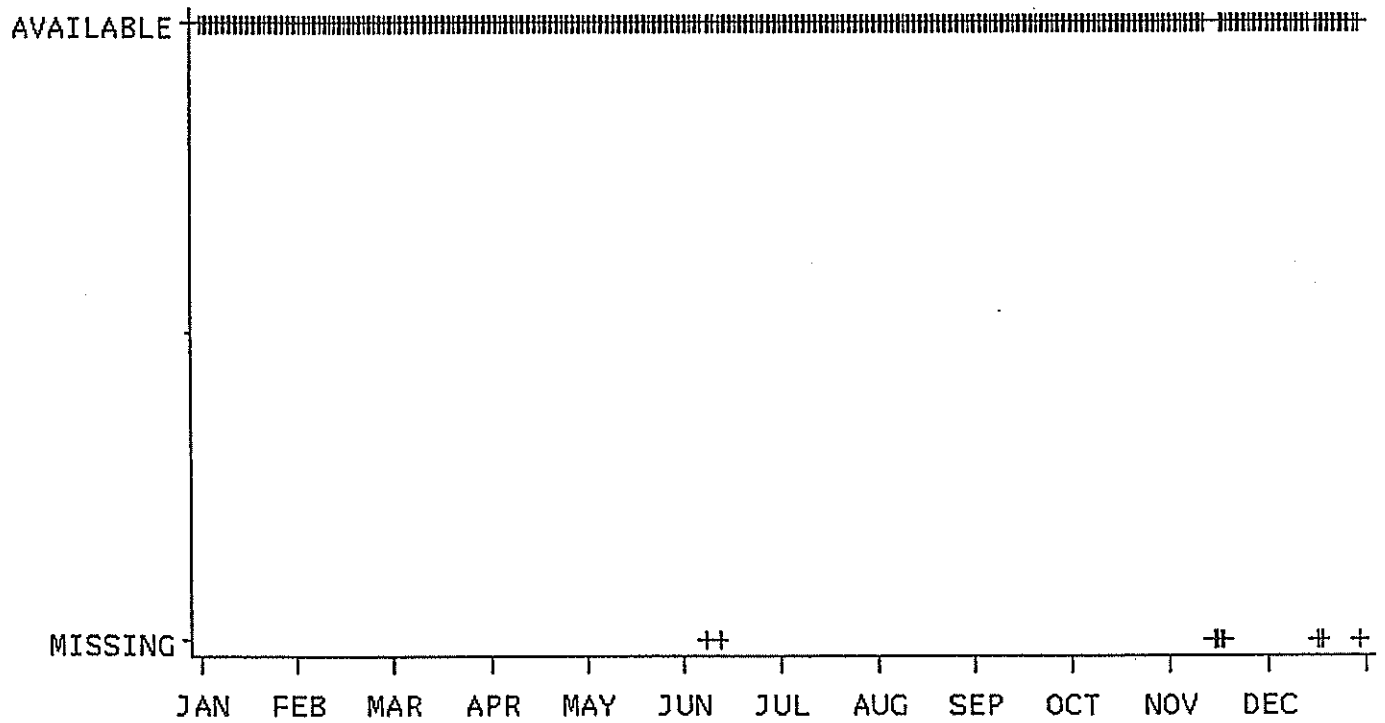


Figure 2d. Dew Point 1995: Available Data

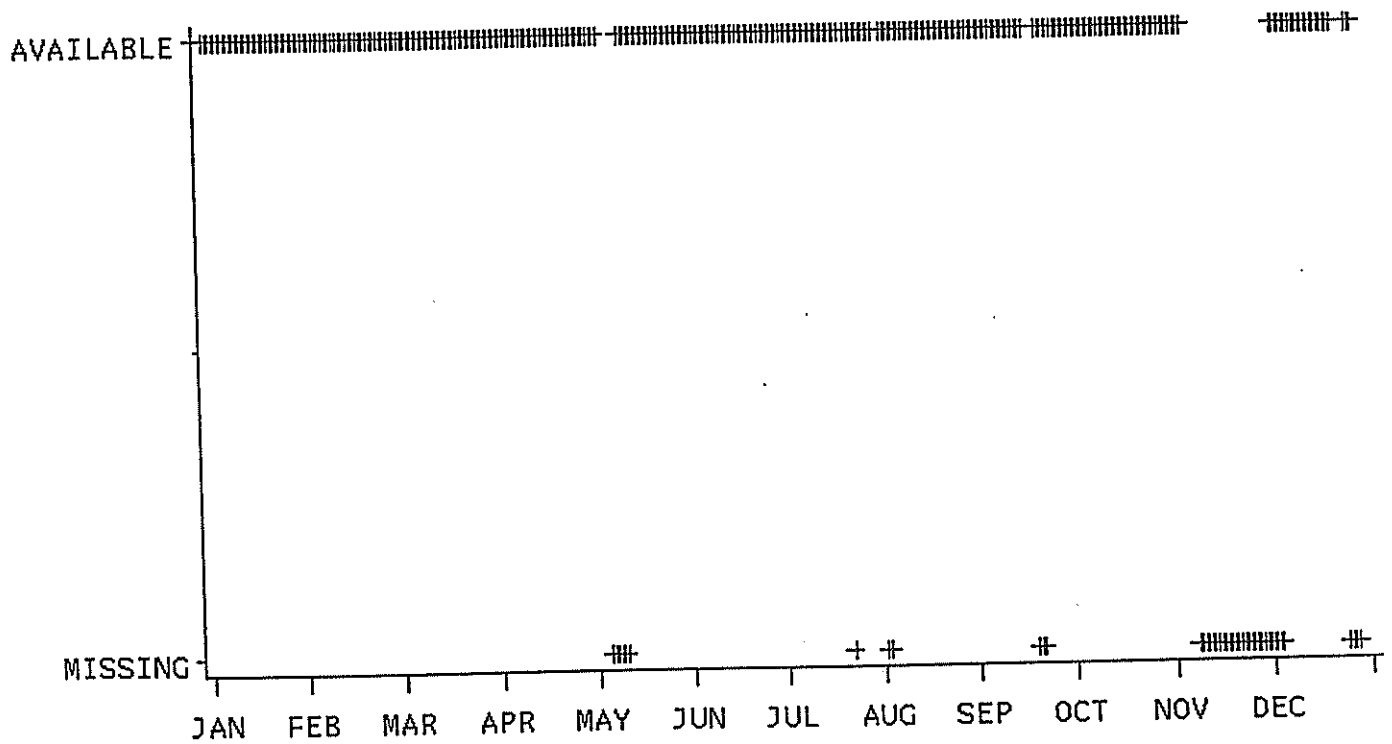


Figure 3a. Temperature 1992: Available Data

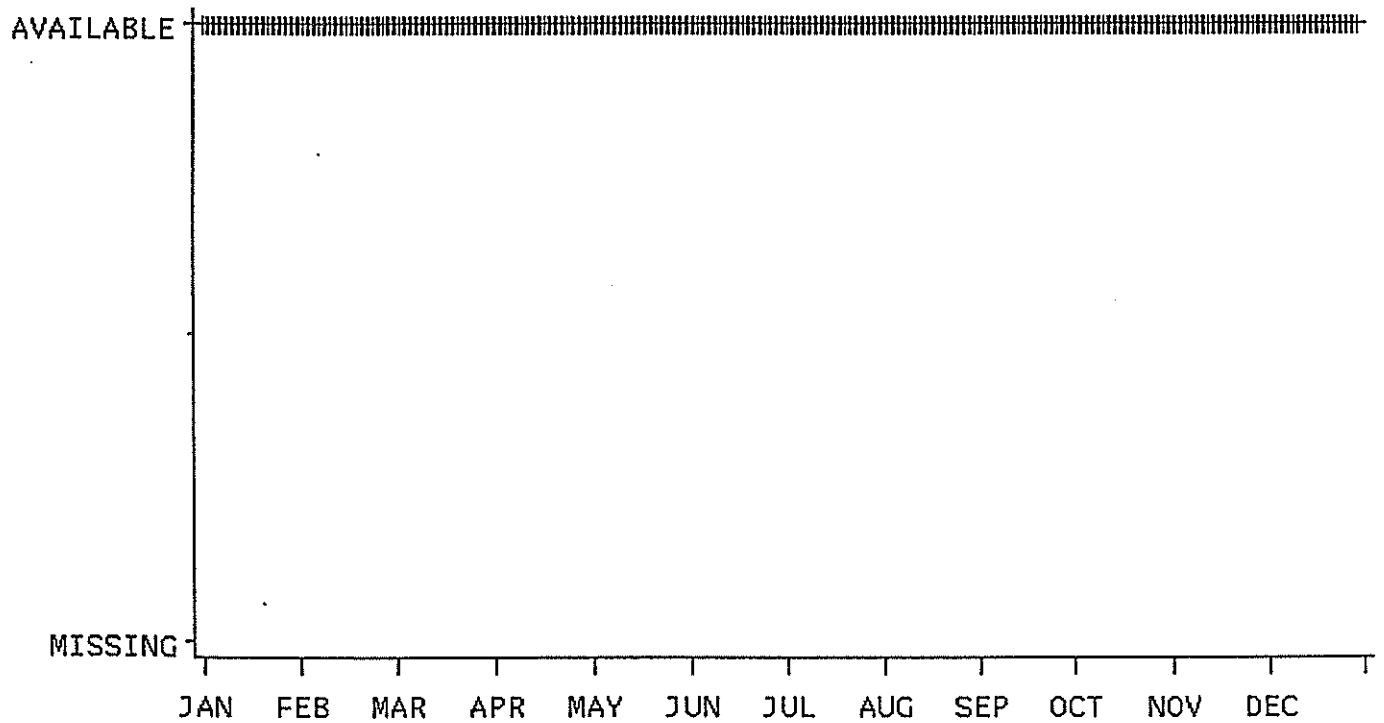


Figure 3b. Temperature 1993: Available Data

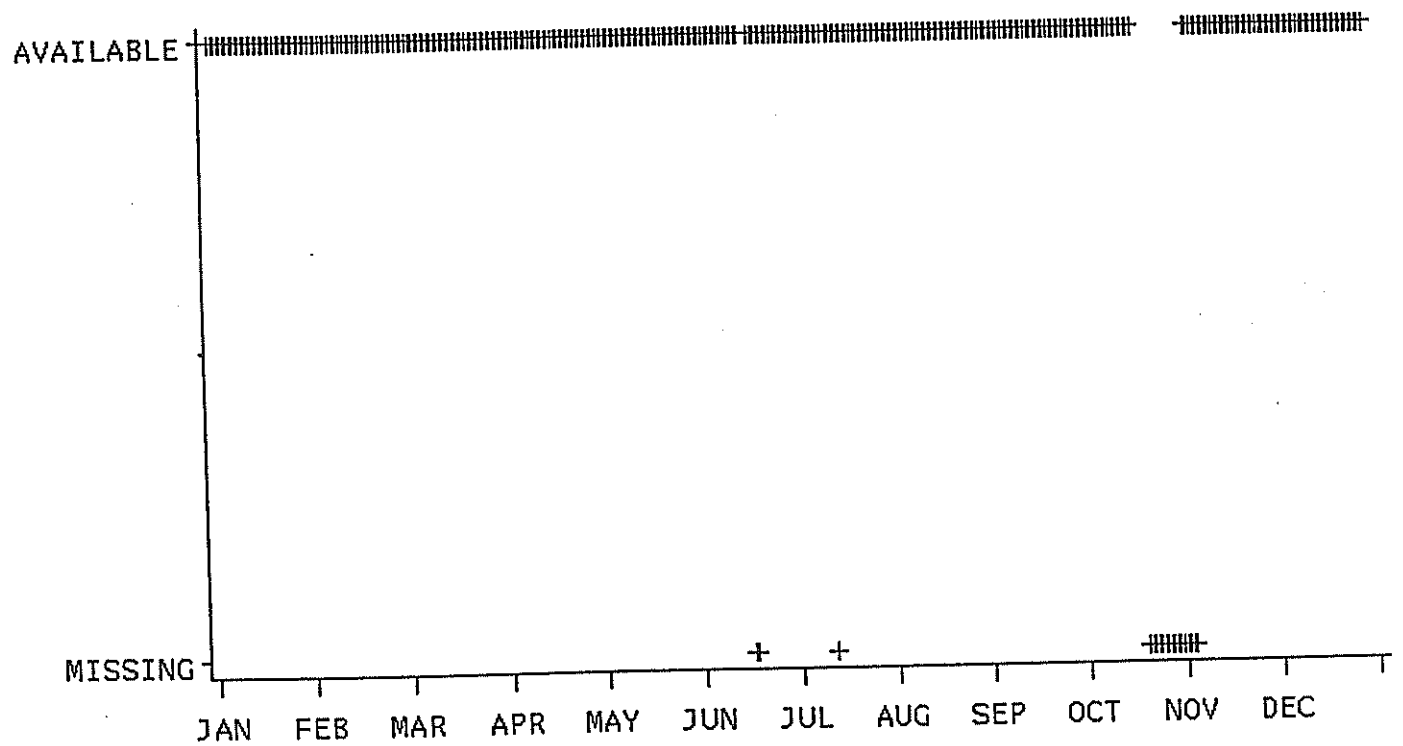


Figure 3c. Temperature 1994: Available Data

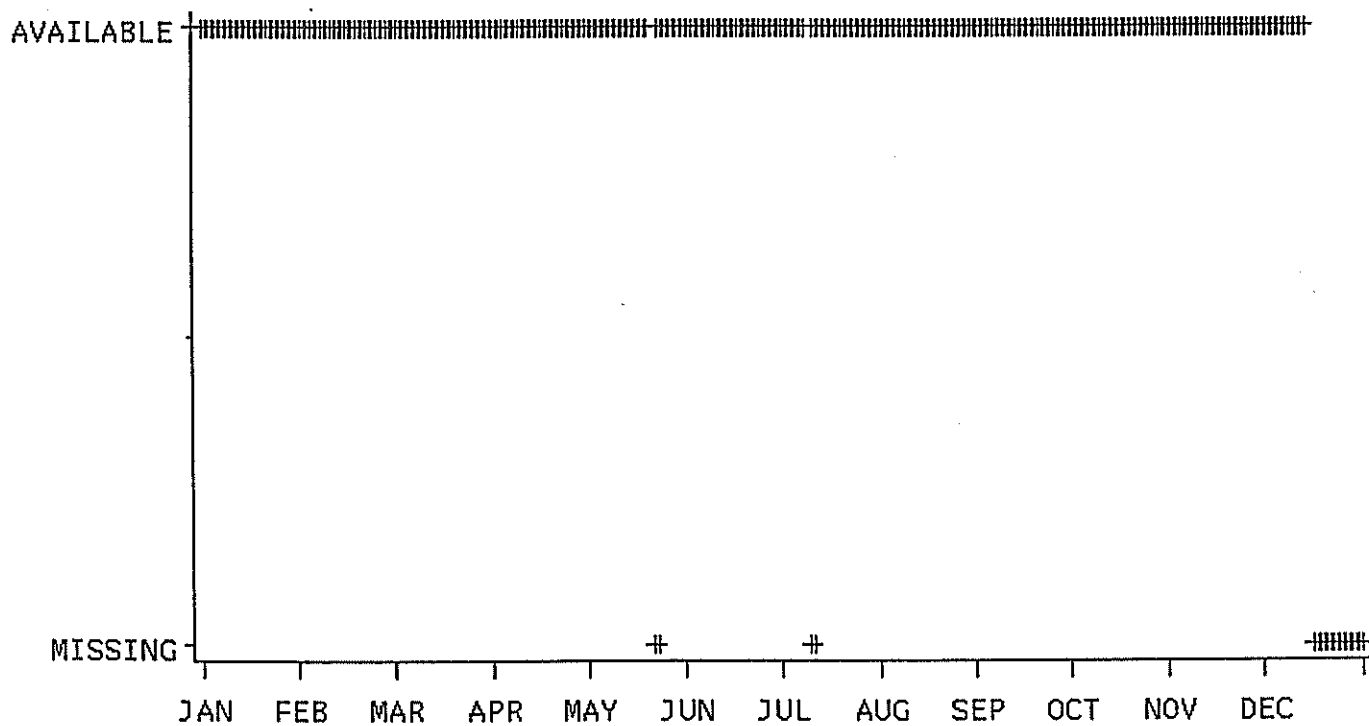


Figure 3d. Temperature 1995: Available Data

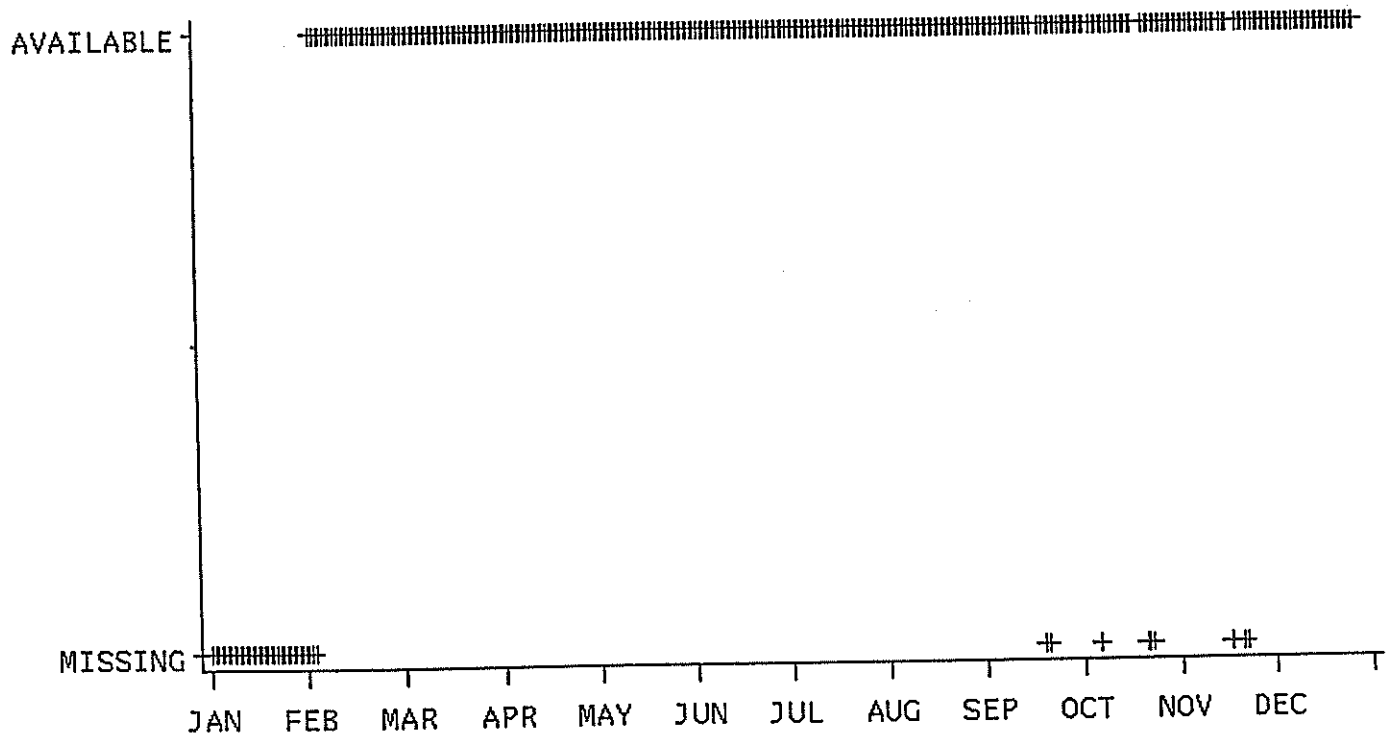


Figure 4a. PM10, Dew Point and Temperature 1992: Available Data

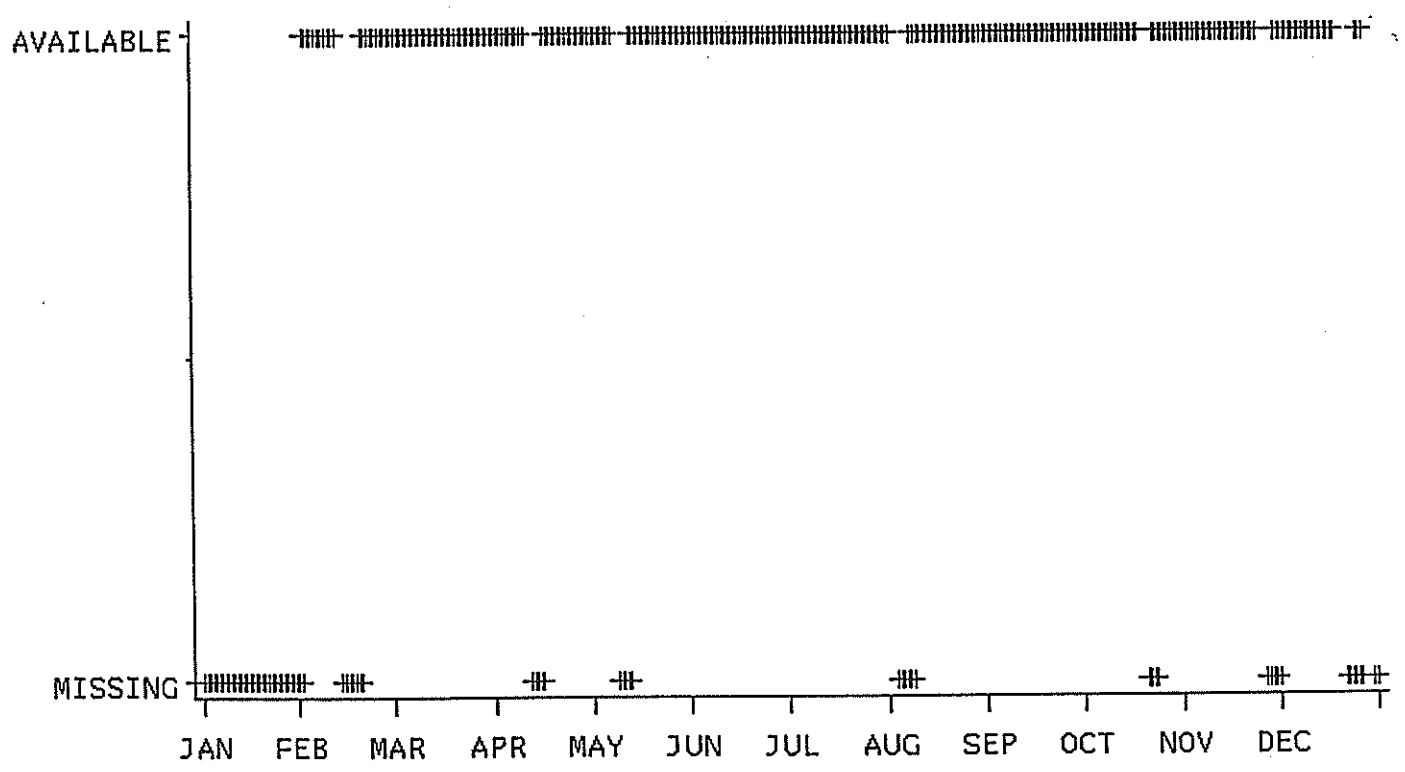


Figure 4b. PM10, Dew Point and Temperature 1993: Available Data

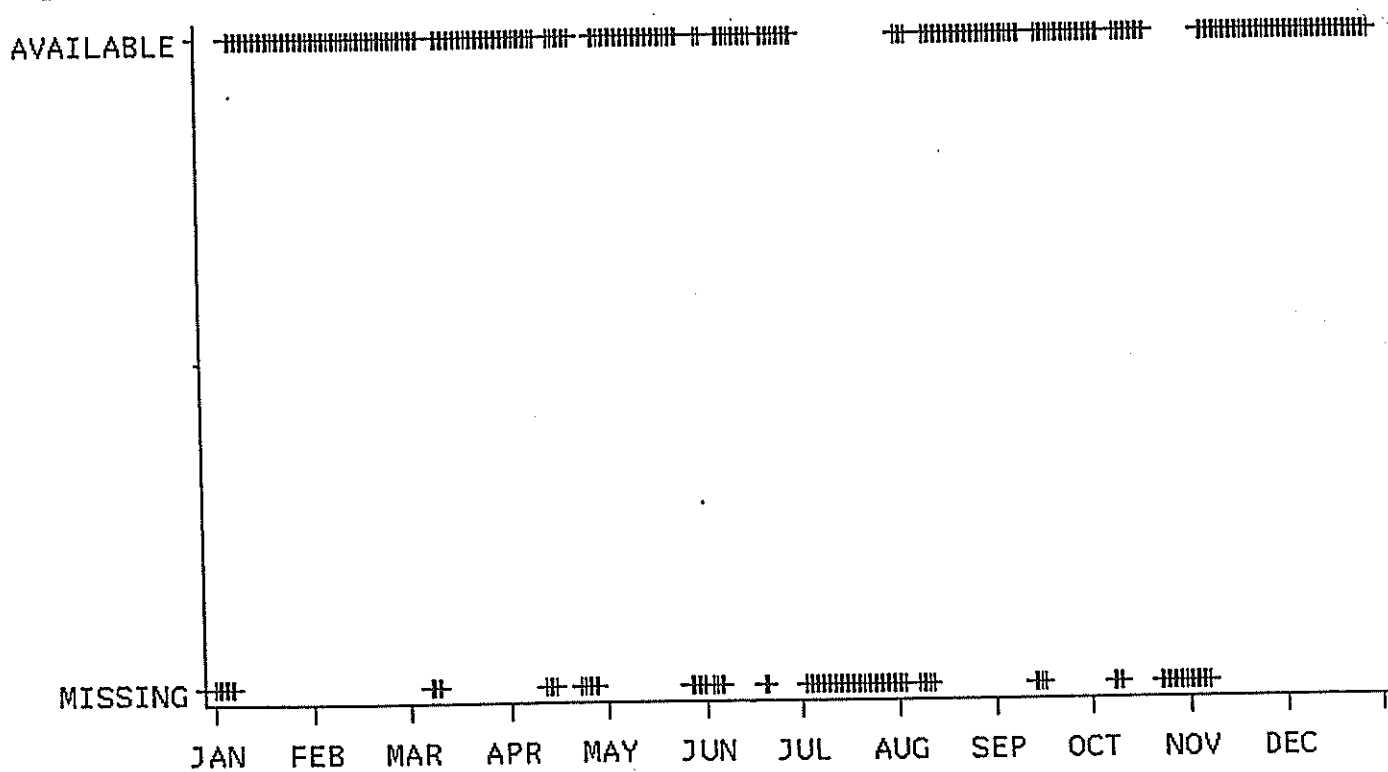


Figure 4c. PM10, Dew Point and Temperature 1994: Available Data

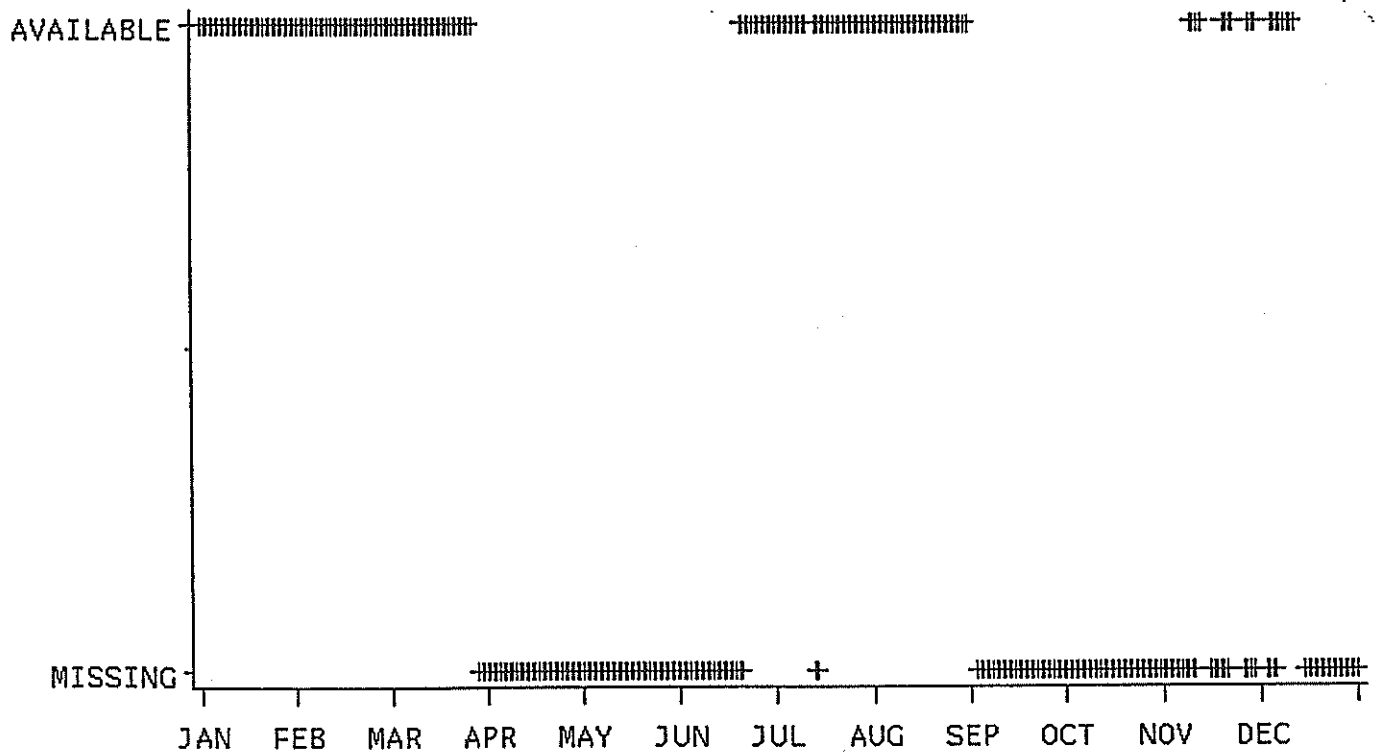


Figure 4d. PM10, Dew Point and Temperature 1995: Available Data

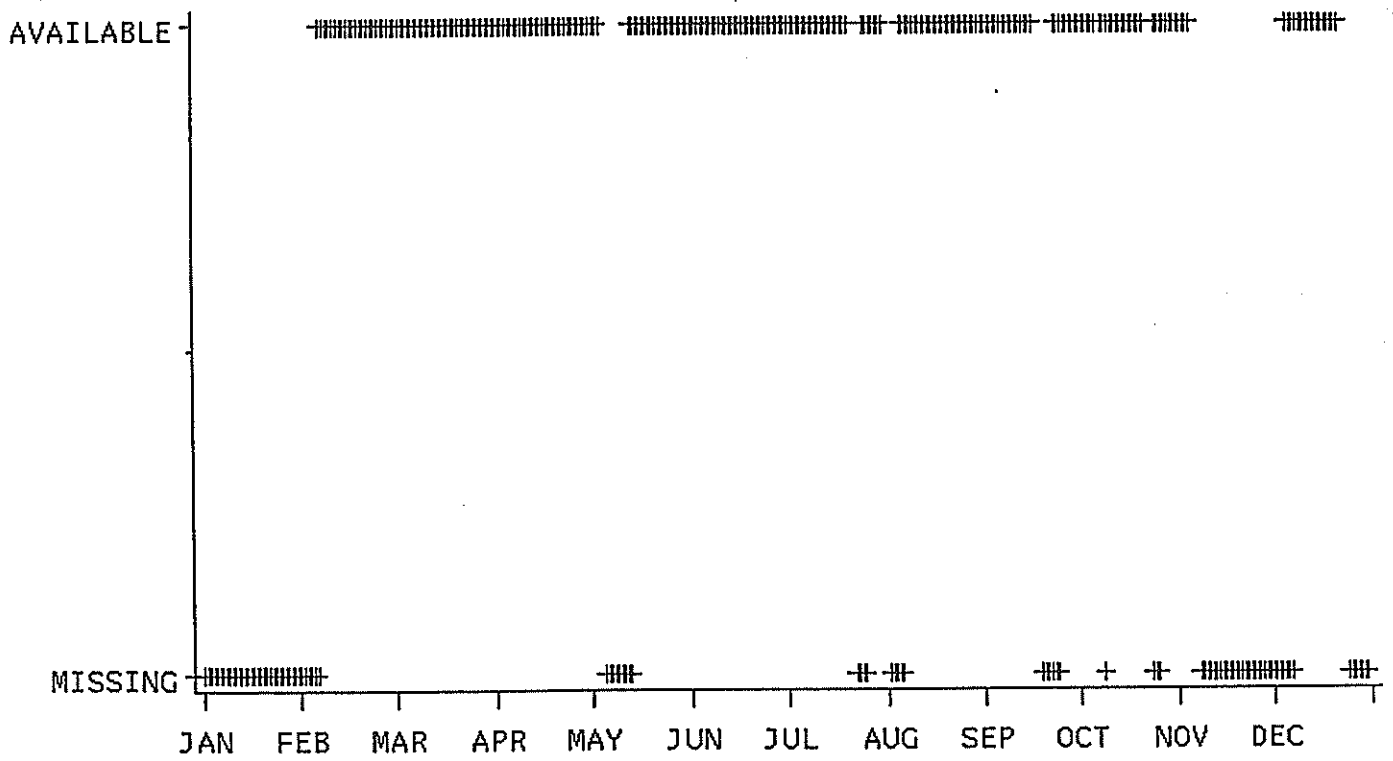


Figure 5a. Functional Object for October 13, 1992

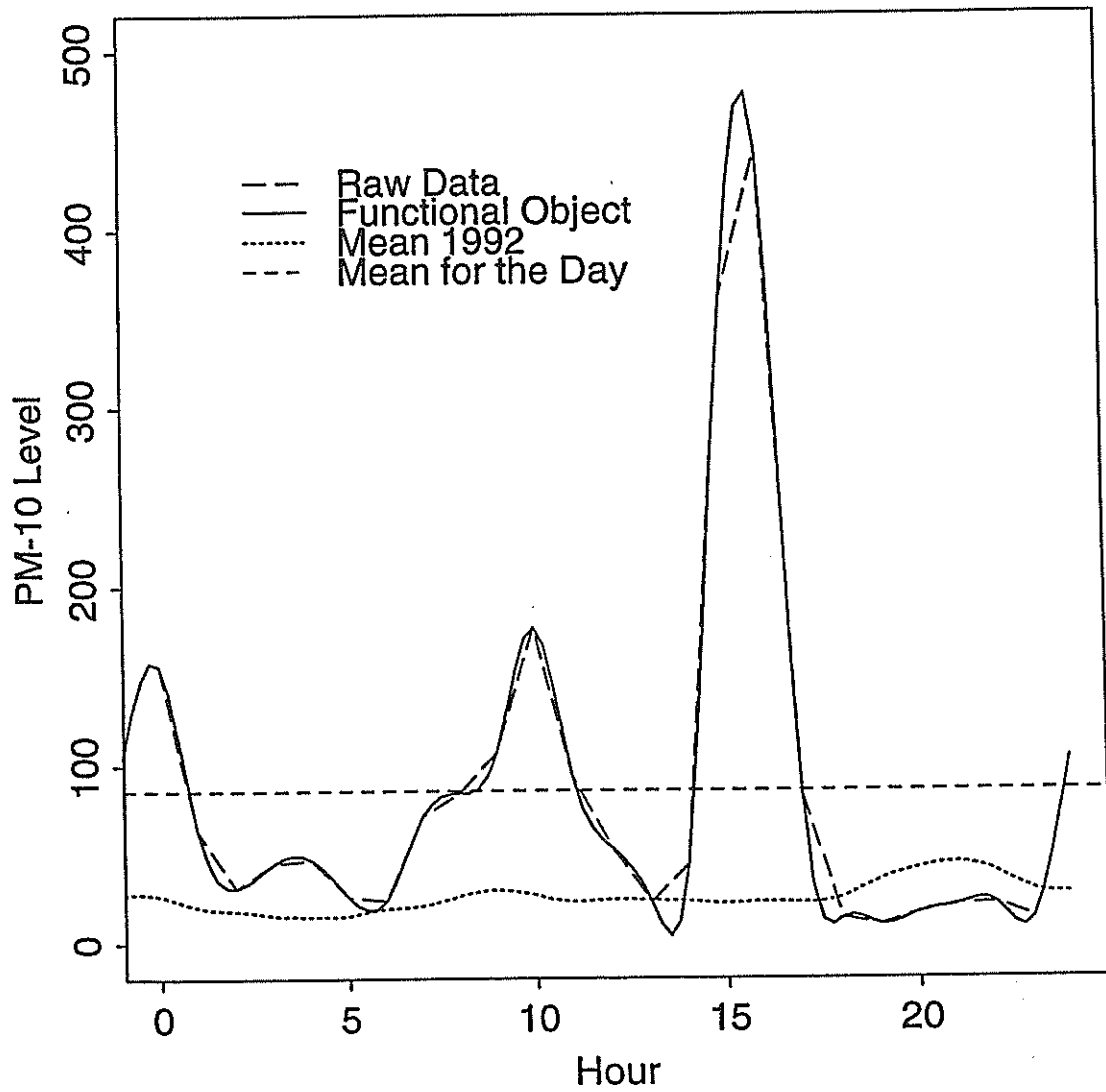


Figure 5b. Functional Object for December 26, 1992

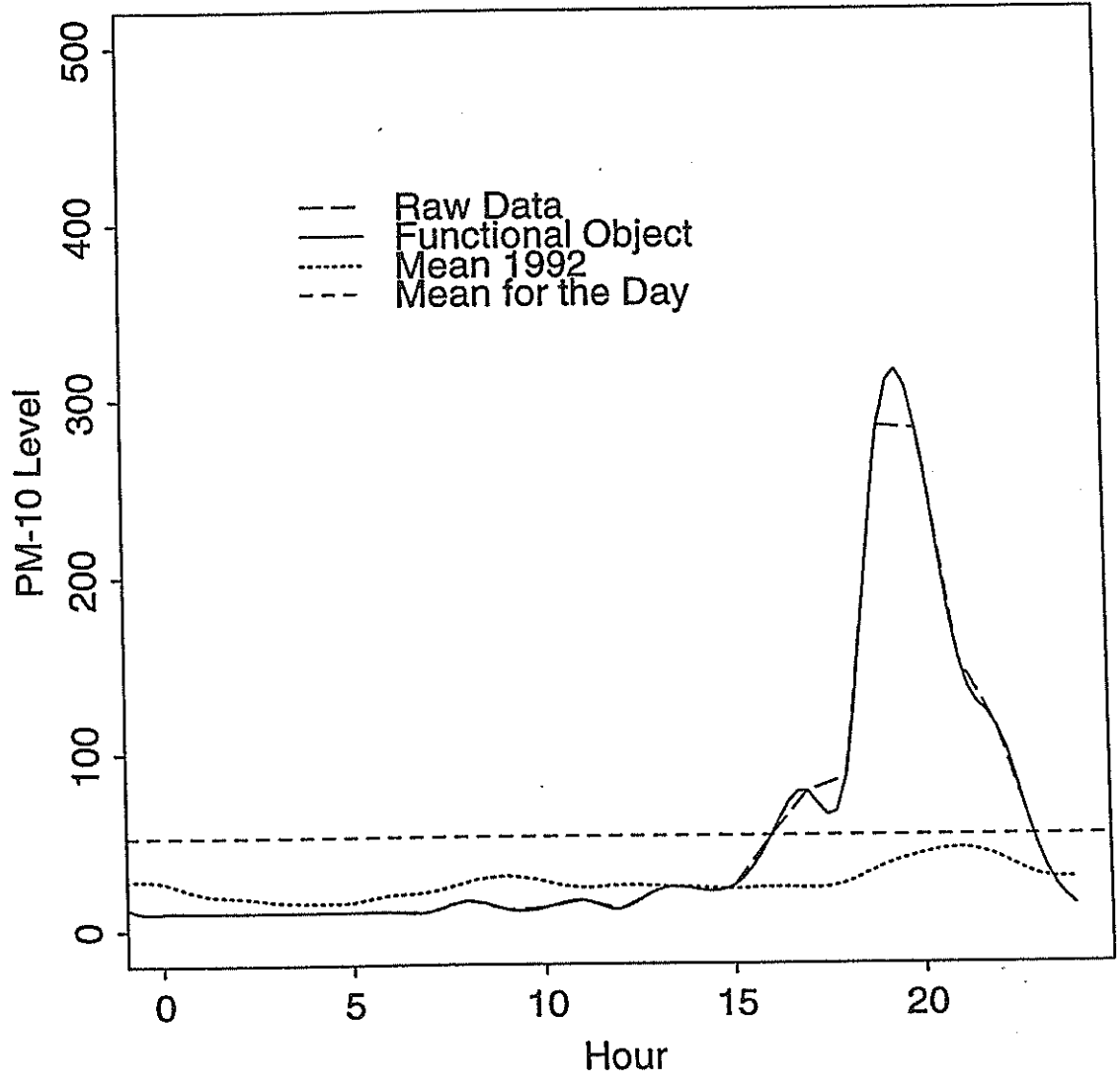


Figure 5c. Functional Object for June 6, 1993

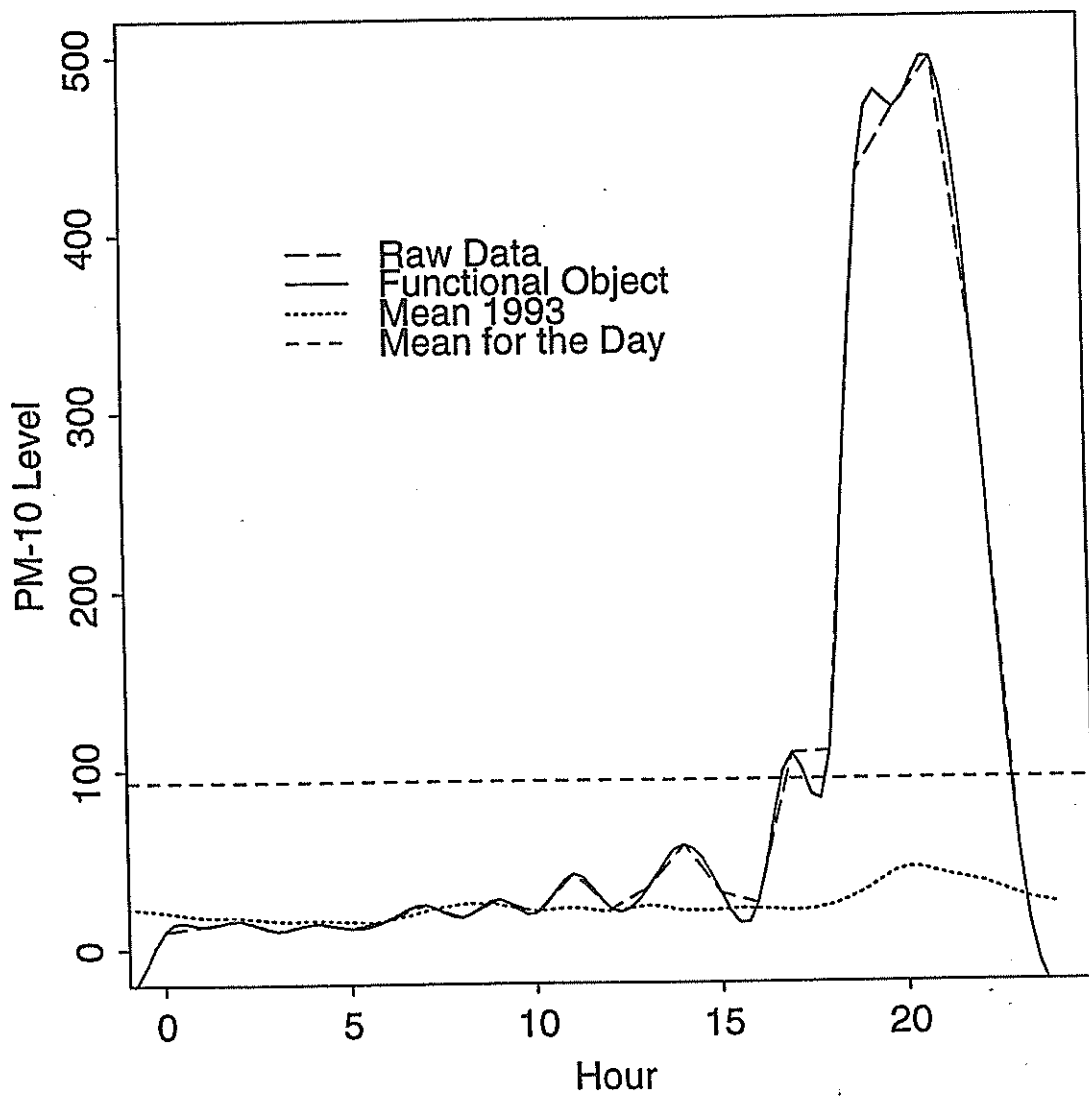


Figure 5d. Functional Object for November 28, 1993

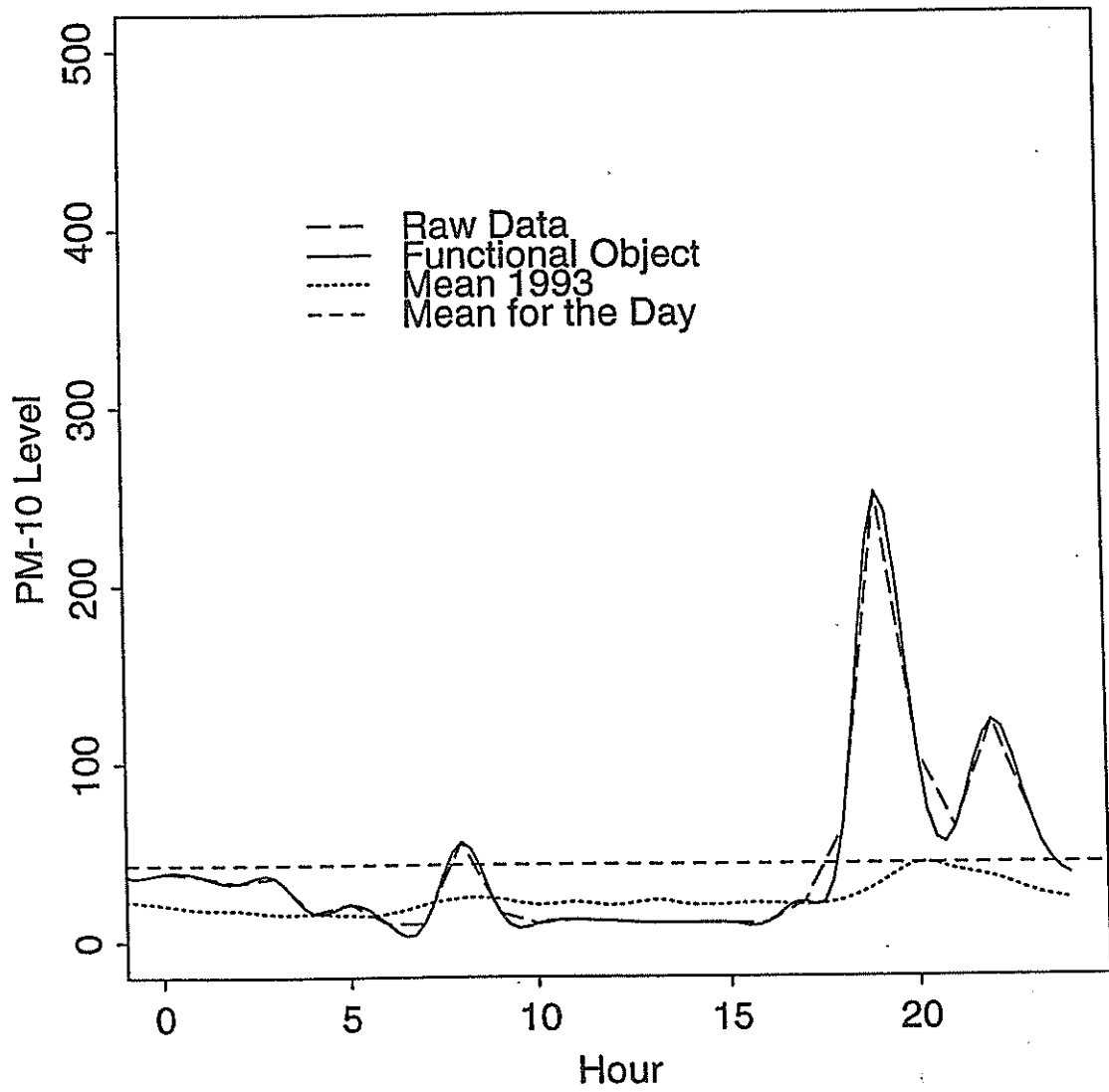


Figure 5e. Functional Object for June 29, 1994

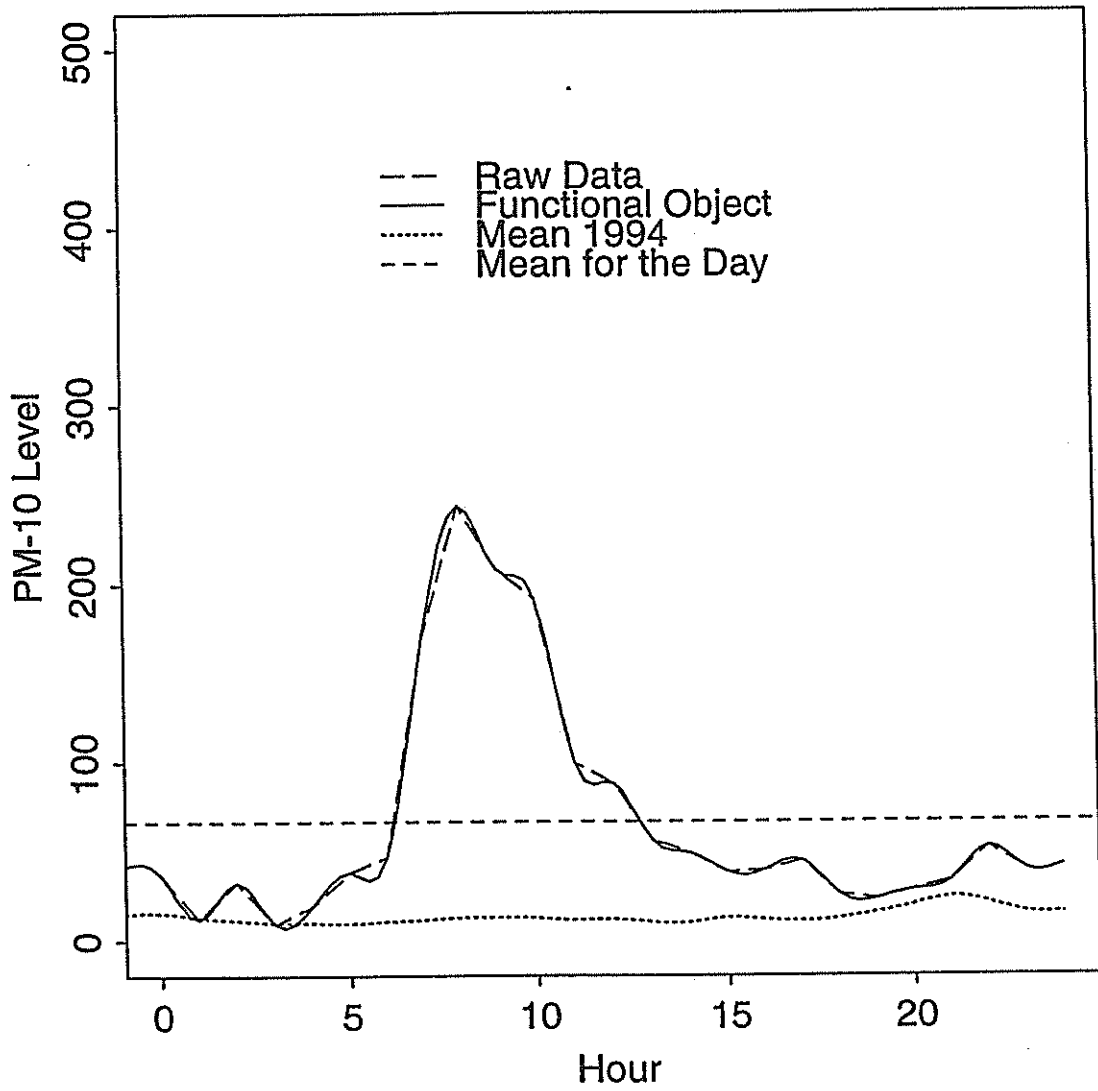


Figure 5f. Functional Object for July 2, 1994

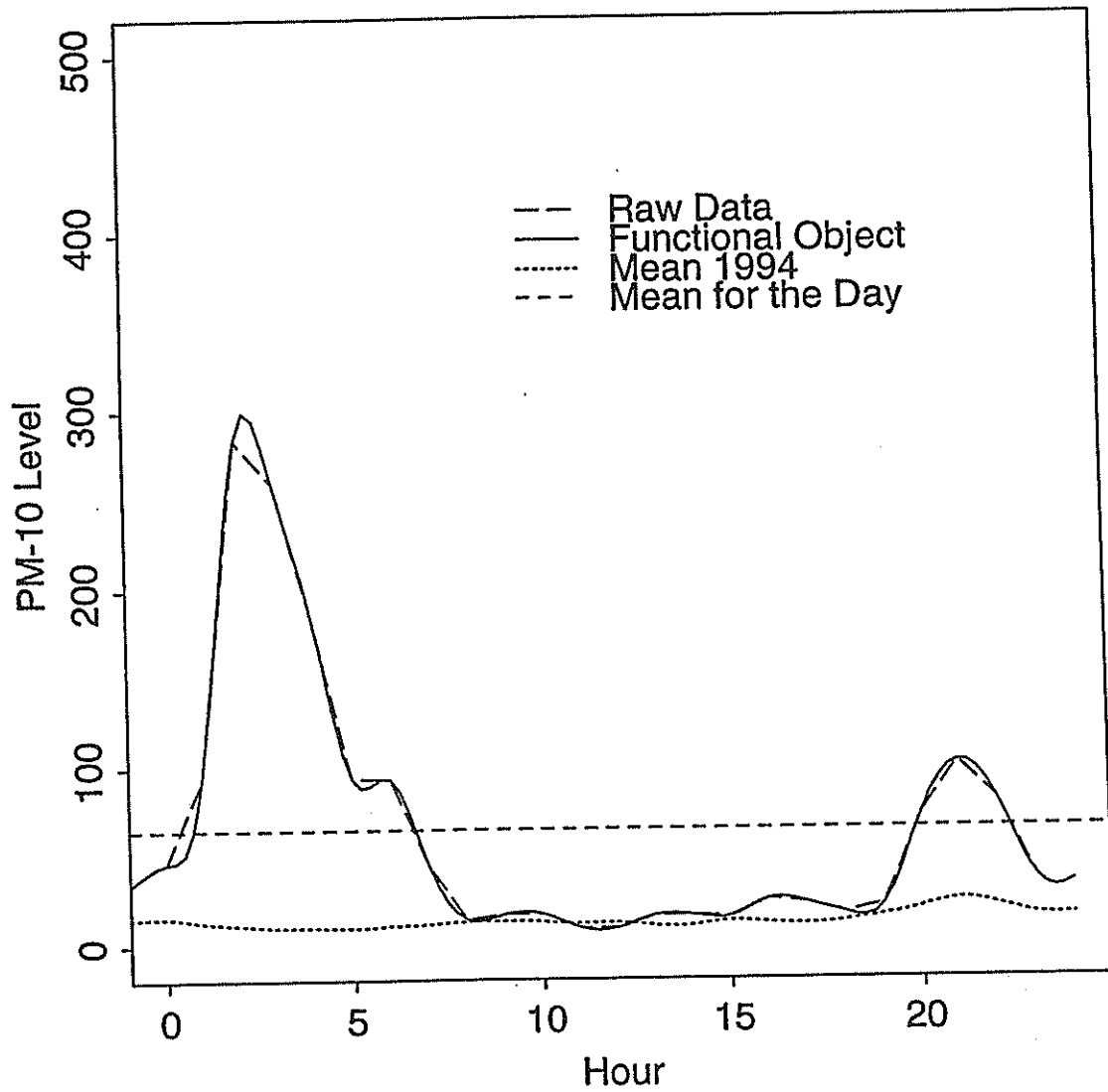


Figure 5g. Functional Object for January 10, 1995

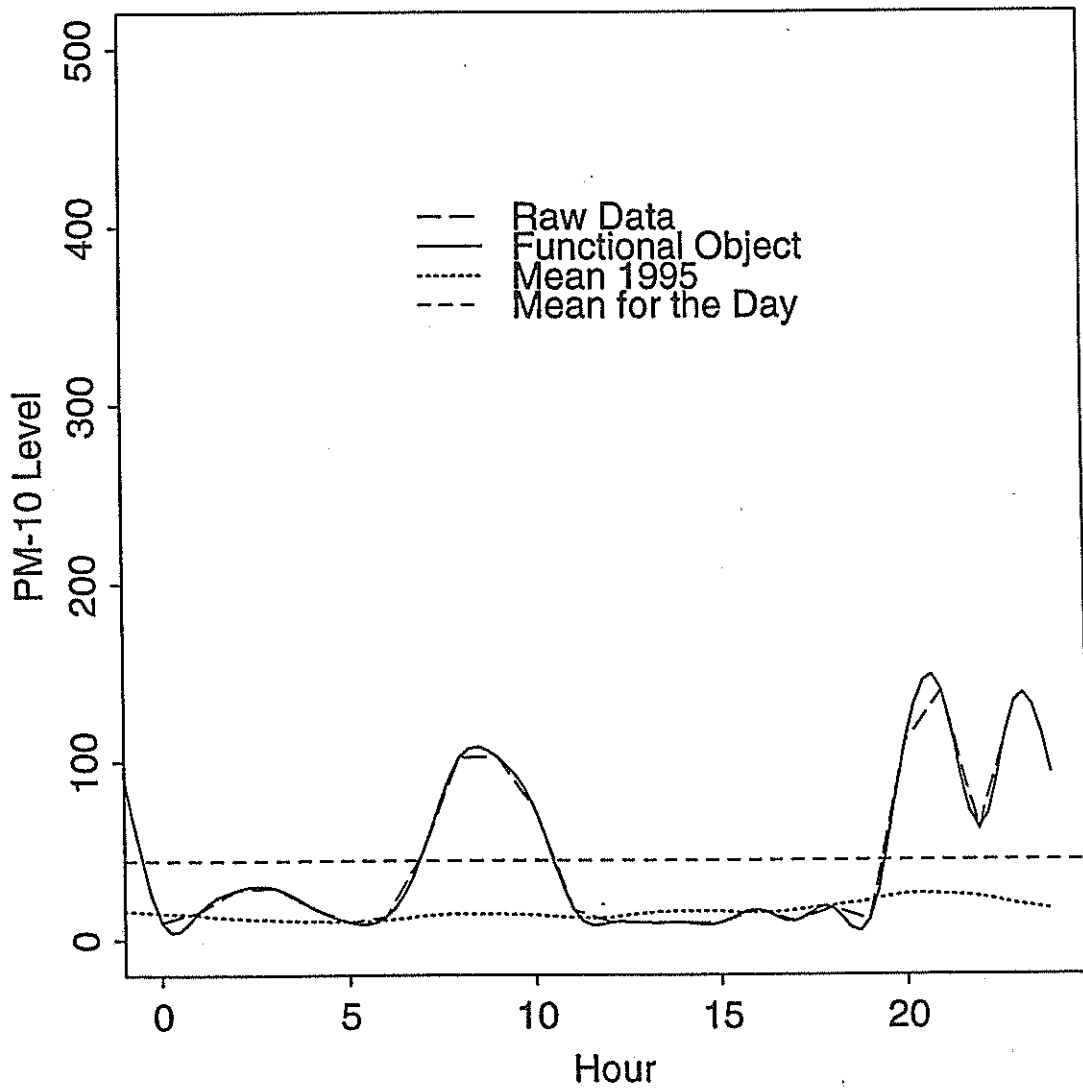


Figure 5h. Functional Object for October 22, 1995

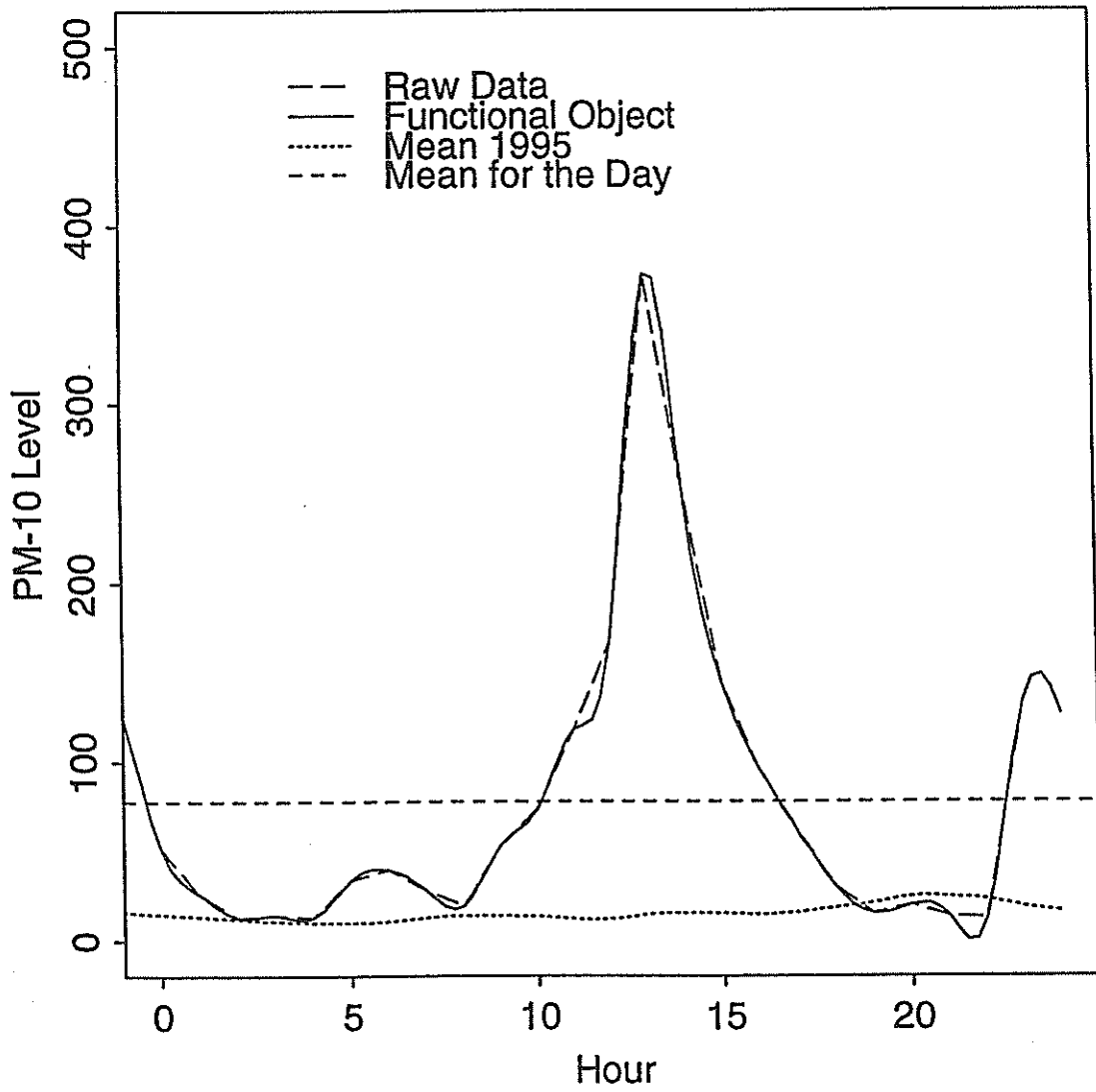


Figure 6. PM10 Functional Objects by Year
1992 1993

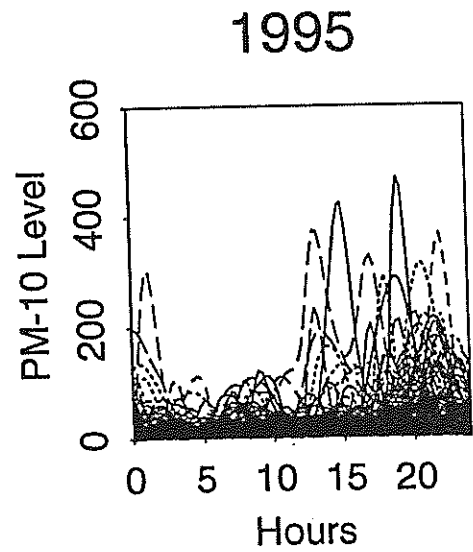
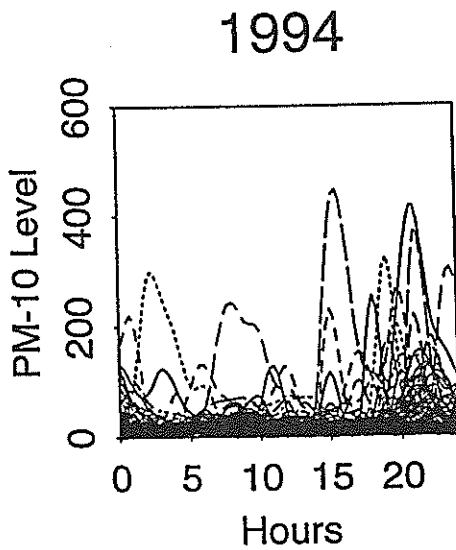
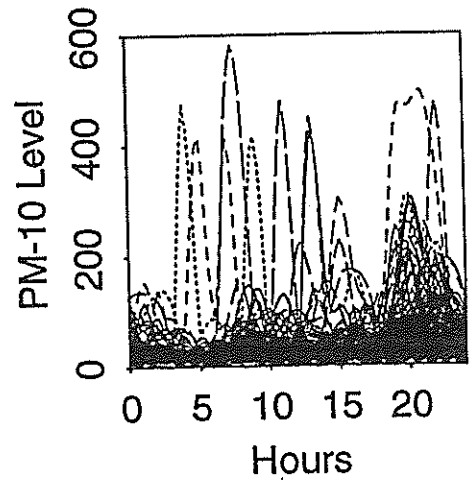
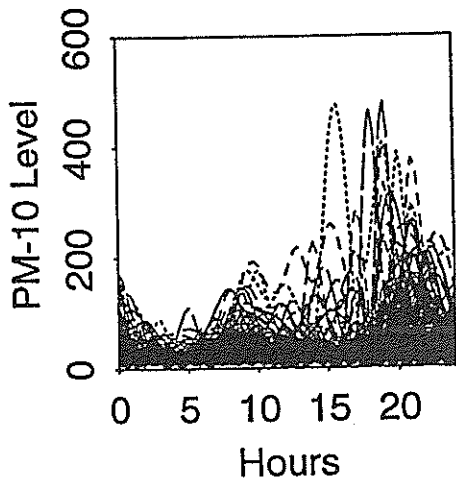
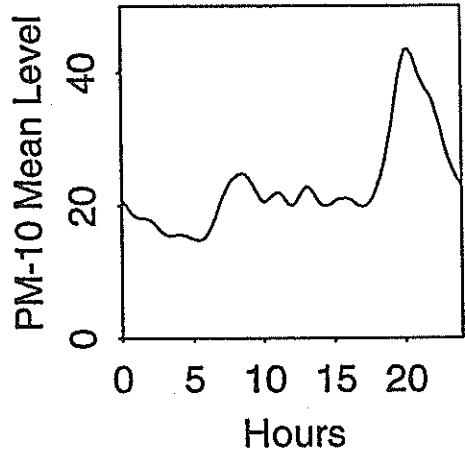
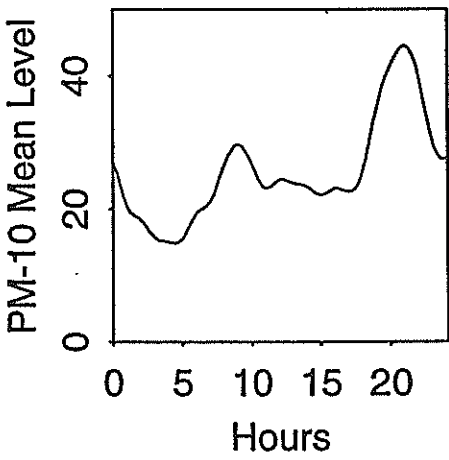
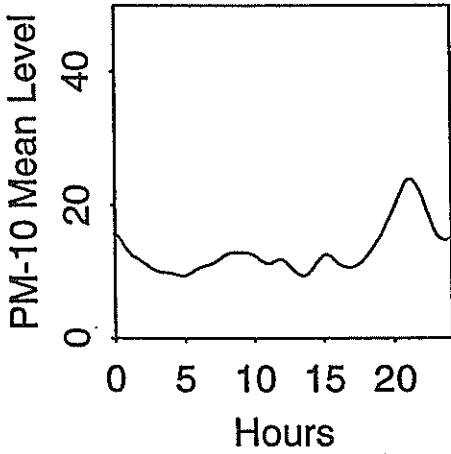


Figure 7. Mean PM10 Twenty-Four Hour Profile by Year
1992 1993



1994



1995

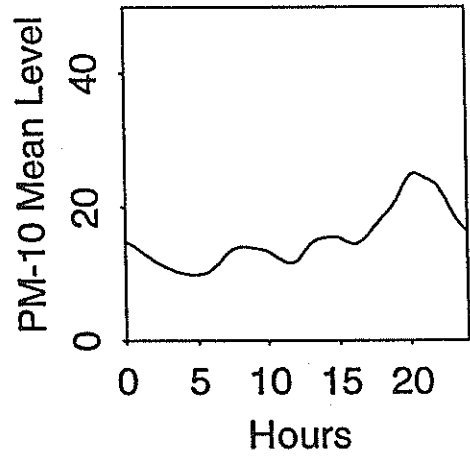


Figure 8. PM10 Profiles for Three Days with Similar Daily Averages

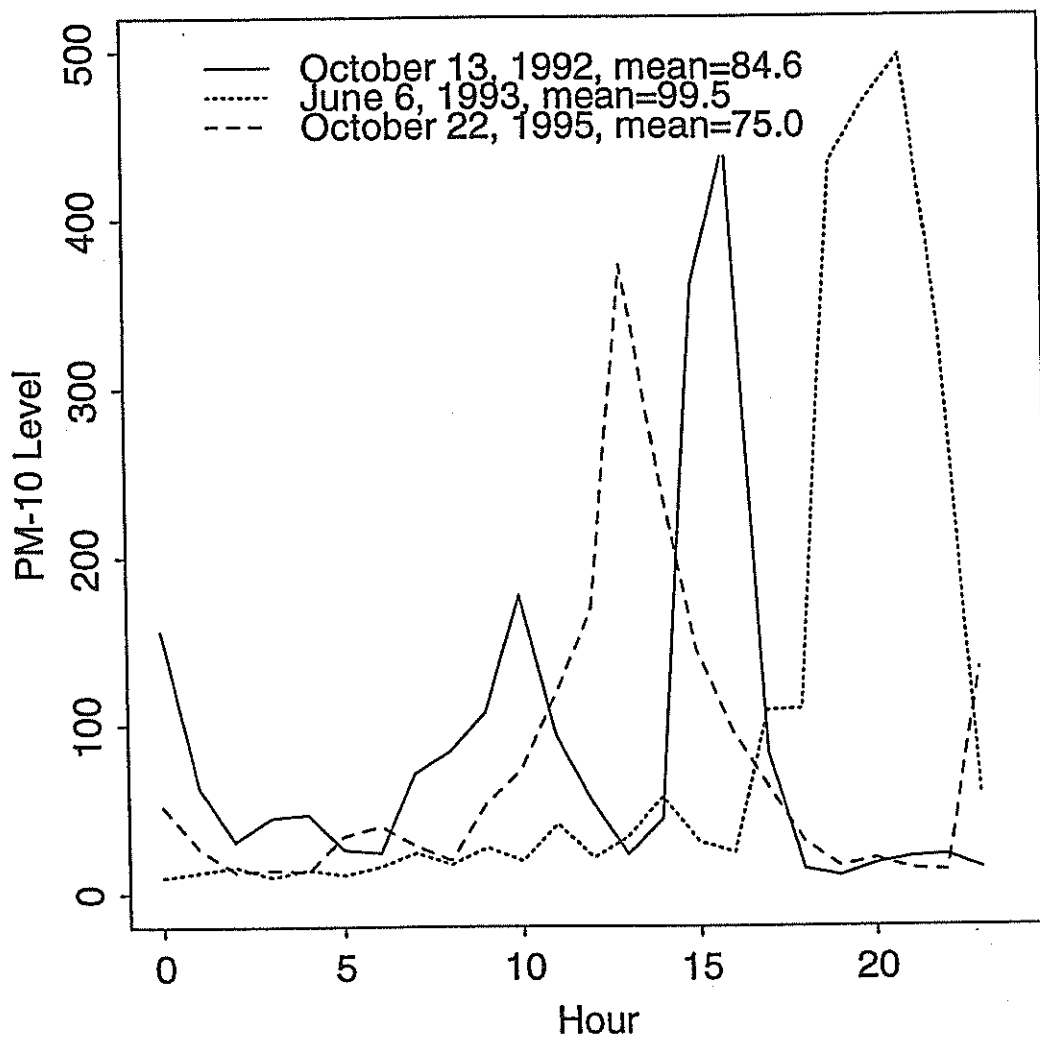


Figure 9a. First Four PC Harmonics for 1992

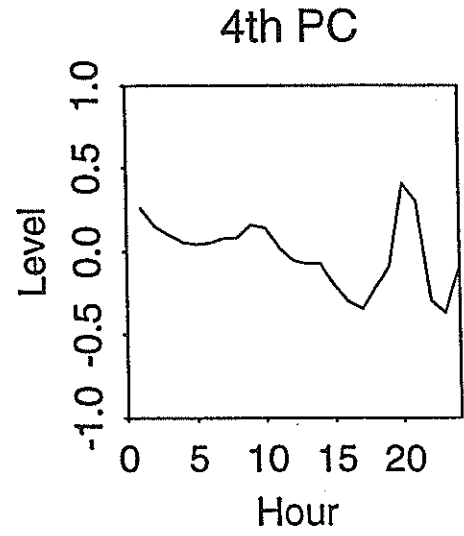
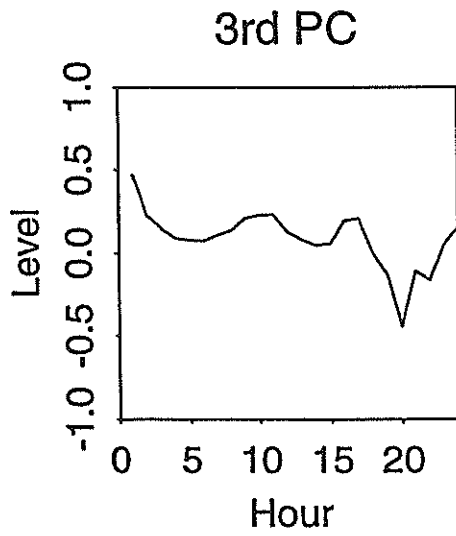
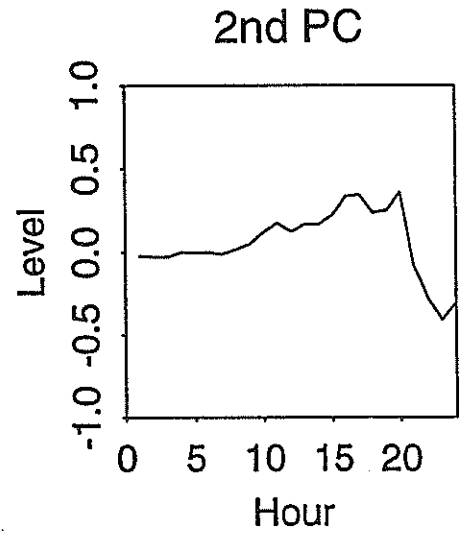
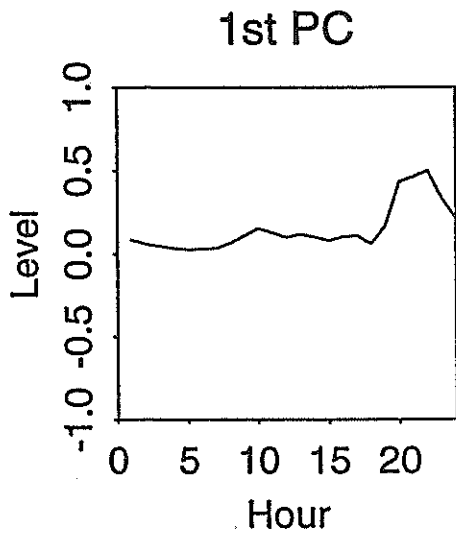


Figure 9b. First Four PC Harmonics for 1993

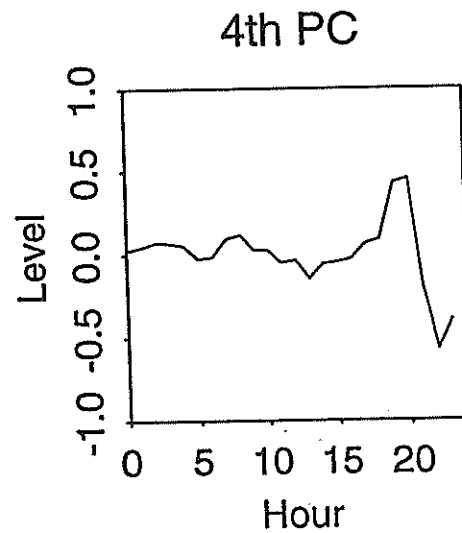
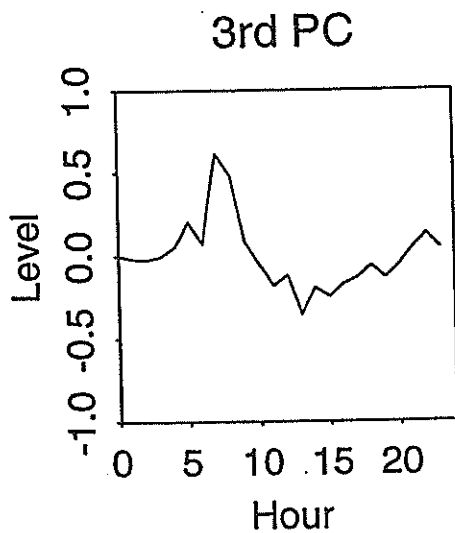
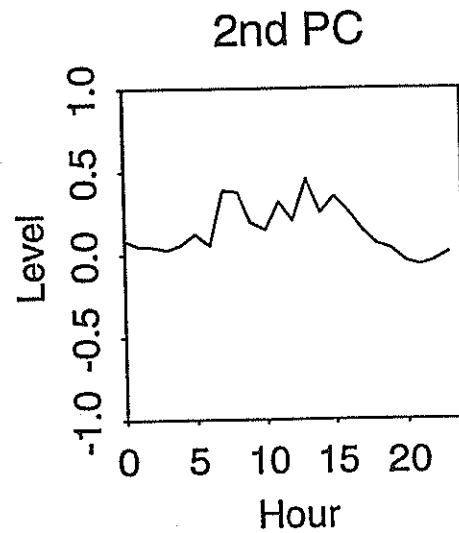
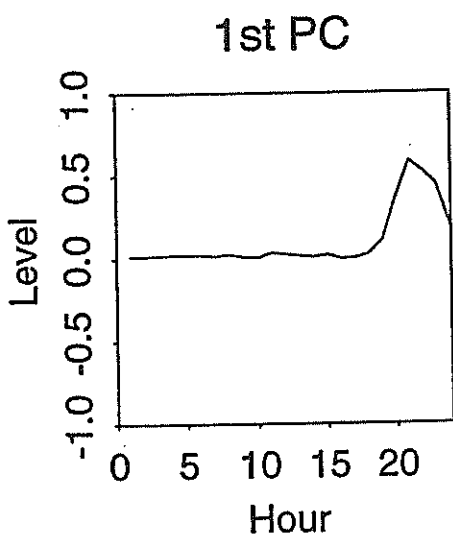


Figure 9c. First Four PC Harmonics for 1994

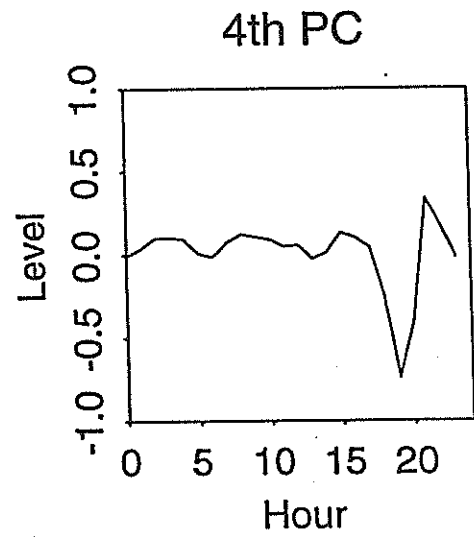
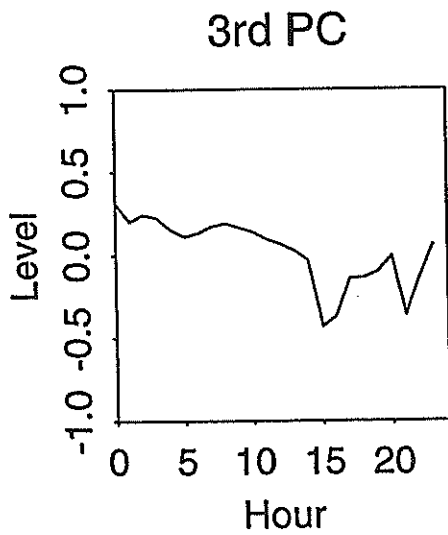
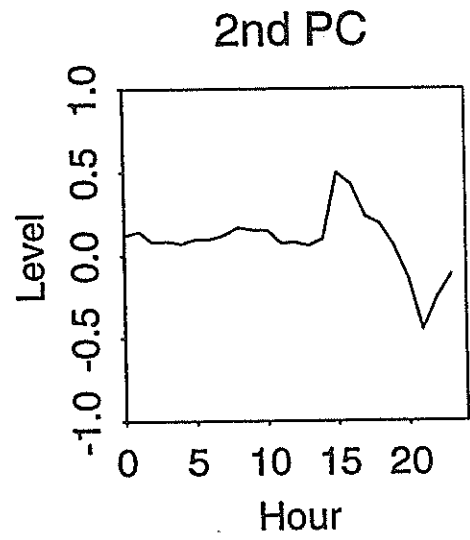
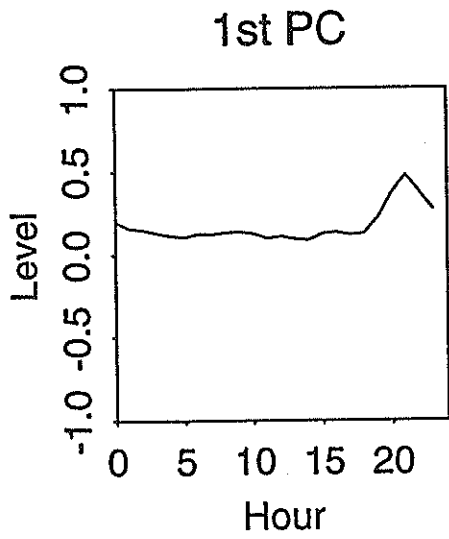


Figure 9d. First Four PC Harmonics for 1995

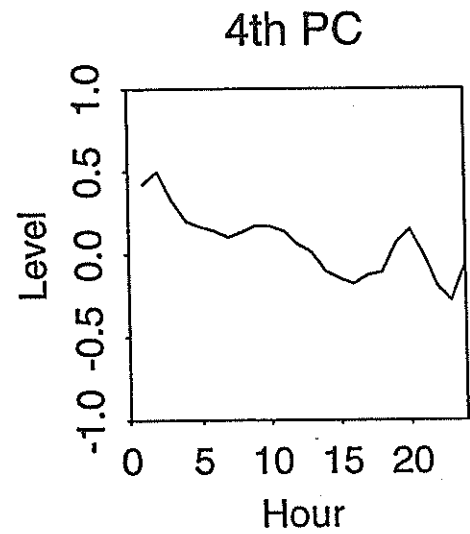
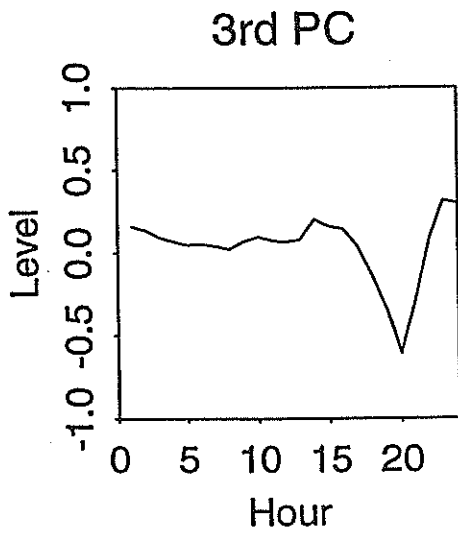
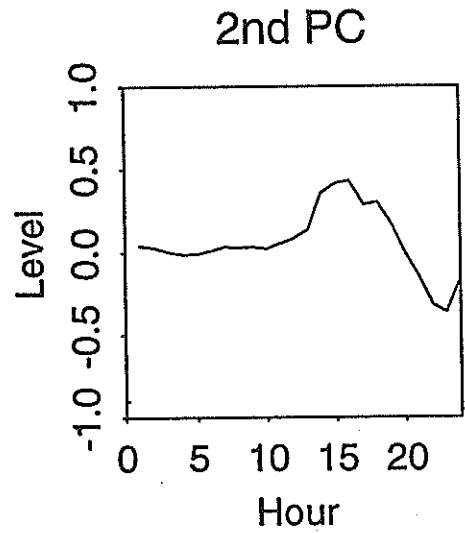
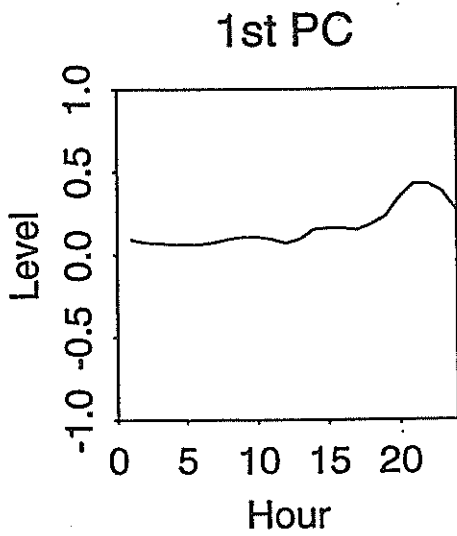
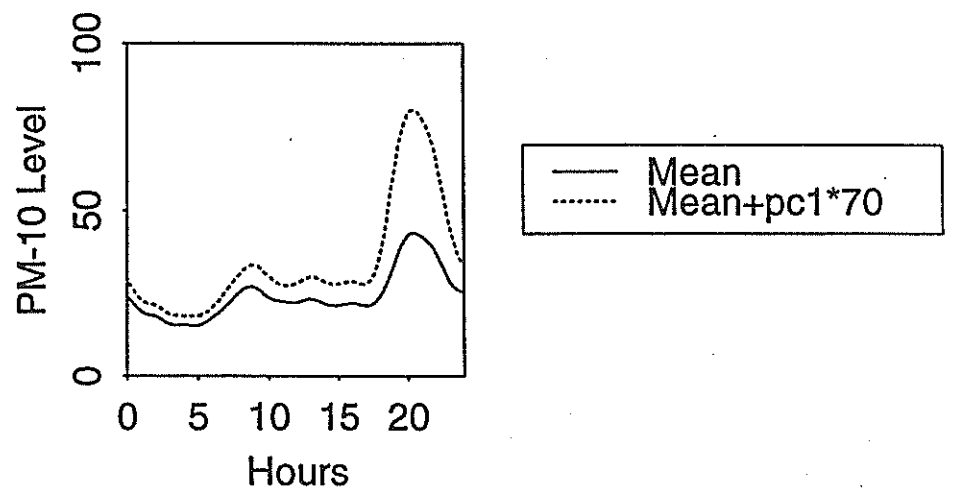


Figure 10a. The Effect of Adding $(PC1 \text{ IQR}) * (\text{First Harmonic})$ to PM10 Hourly Mean
1992-1993



1994-1995

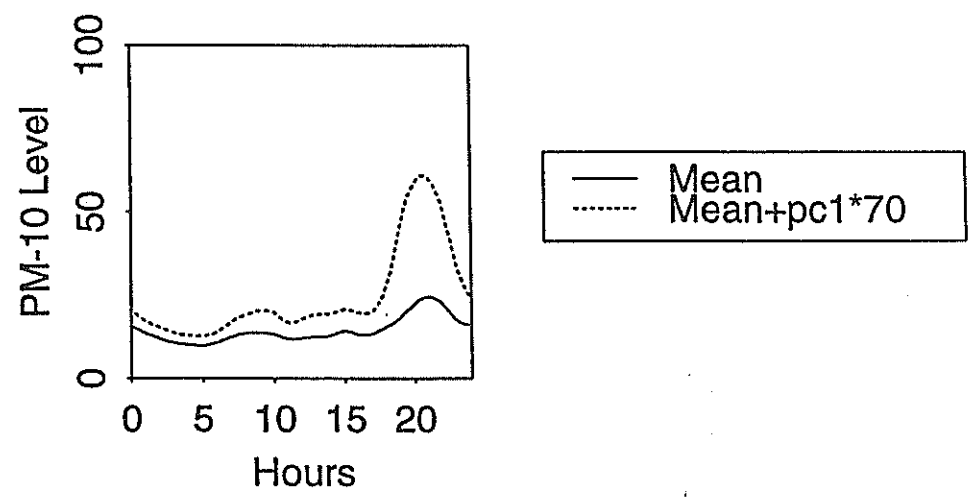
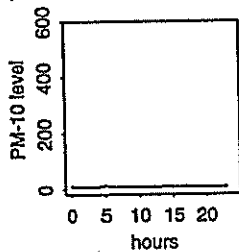
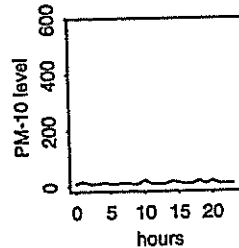


Figure 10b. PM10 Profiles for Days Corresponding to First PC Score Quantiles, 1992

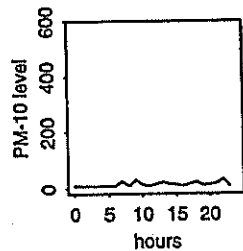
PM-10, Minimum 04/19/92 (-79.95)



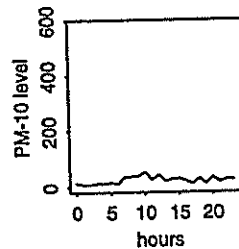
PM-10, 10th Percentile 05/03/92 (-70.14)



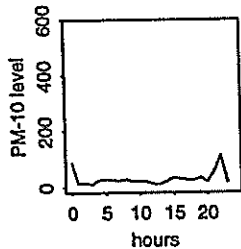
PM-10, 25th Percentile 06/24/92 (-56.38)



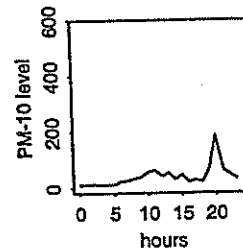
PM-10, 50th Percentile 10/07/92 (-28.87)



PM-10, 75th Percentile 03/20/92 (22.65)



PM-10, 90th Percentile 06/12/92 (112.90)



PM-10, Maximum 06/13/92 (508.36)

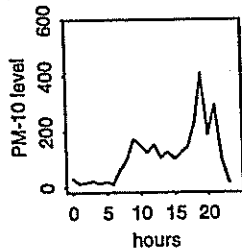
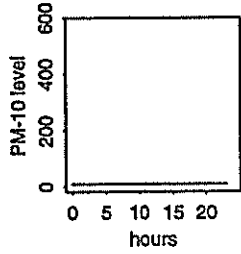
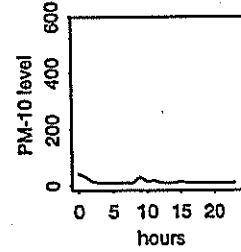


Figure 10c. PM10 Profiles for Days Corresponding to First PC Score Quantiles, 1993

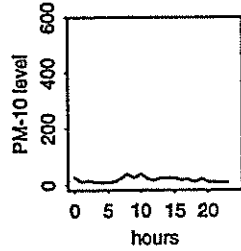
PM-10, Minimum 01/01/93 (-71.32)



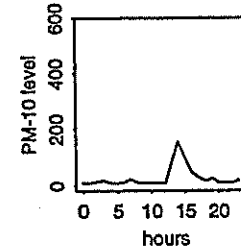
PM-10, 10th Percentile 02/24/93 (-64.65)



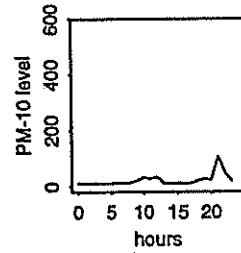
PM-10, 25th Percentile 04/13/93 (-47.68)



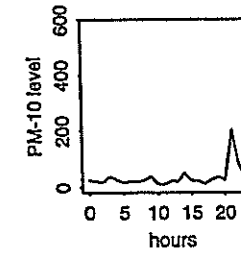
PM-10, 50th Percentile 02/20/93 (-25.90)



PM-10, 75th Percentile 05/14/93 (16.51)



PM-10, 90th Percentile 05/31/93 (99.35)



PM-10, Maximum 06/06/93 (772.81)

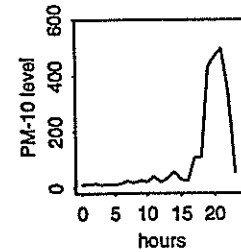
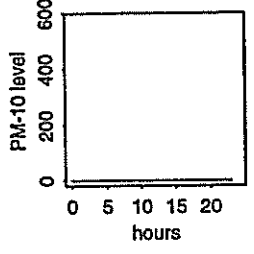
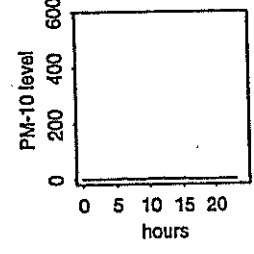


Figure 10d. PM10 Profiles for Days Corresponding to First PC Score Quantiles, 1994

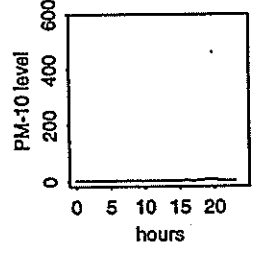
PM-10, Minimum 03/28/94 (-57.49)



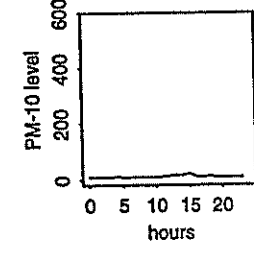
PM-10, 10th Percentile 02/12/94 (-54.06)



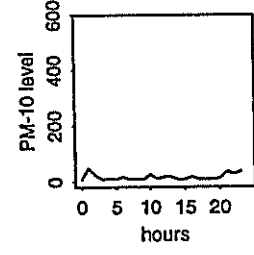
PM-10, 25th Percentile 02/02/94 (-48.74)



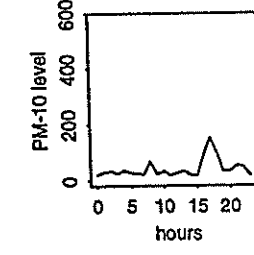
PM-10, 50th Percentile 11/15/94 (-21.46)



PM-10, 75th Percentile 07/29/94 (10.99)



PM-10, 90th Percentile 06/28/94 (95.65)



PM-10, Maximum 06/26/94 (510.09)

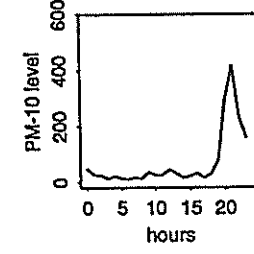
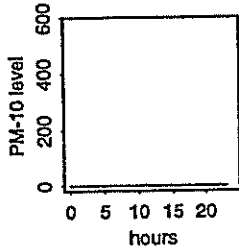
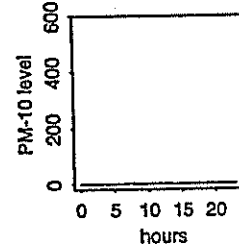


Figure 10e. PM10 Profiles for Days Corresponding to First PC Score Quantiles, 1995

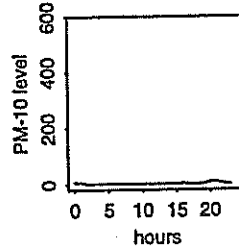
PM-10, Minimum 09/22/95 (-66.78)



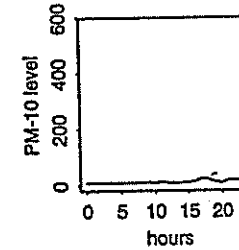
PM-10, 10th Percentile 07/02/95 (-63.34)



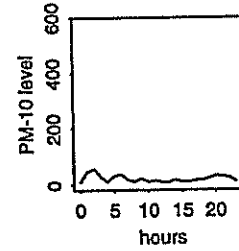
PM-10, 25th Percentile 07/30/95 (-53.76)



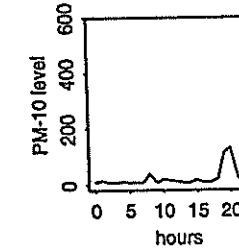
PM-10, 50th Percentile 04/20/95 (-22.97)



PM-10, 75th Percentile 06/19/95 (9.99)



PM-10, 90th Percentile 01/09/95 (86.69)



PM-10, Maximum 10/15/95 (397.34)

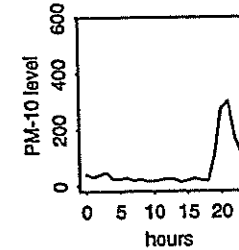
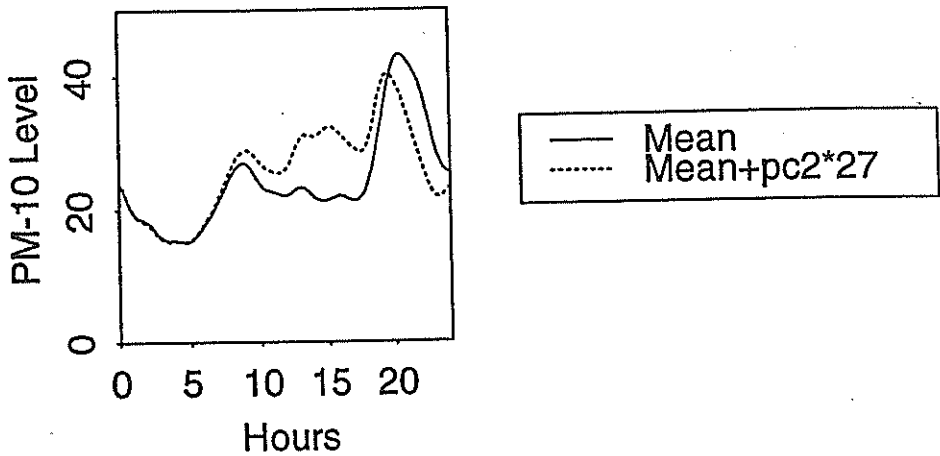


Figure 11a. The Effect of Adding $(PC2 \text{ IQR}) * (\text{Second Harmonic})$ to PM10 Hourly Mean
1992-1993



1994-1995

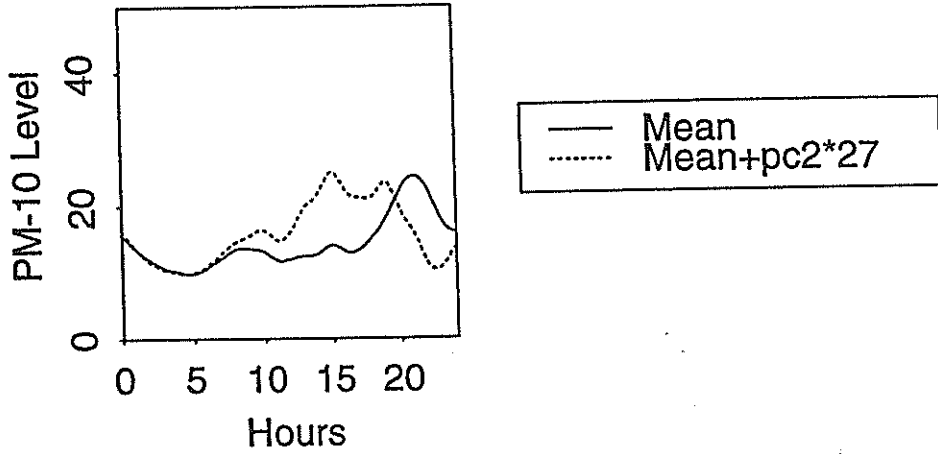
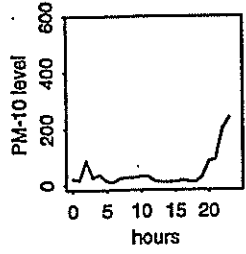
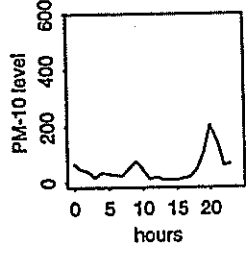


Figure 11b. PM10 Profiles for Days Corresponding to Second PC Score Quantiles, 1992

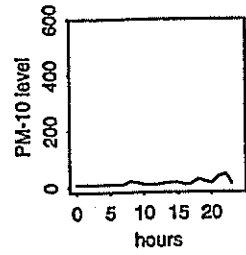
PM-10, Minimum 02/12/92 (-162.36)



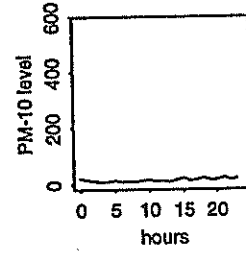
PM-10, 10th Percentile 11/08/92 (-62.07)



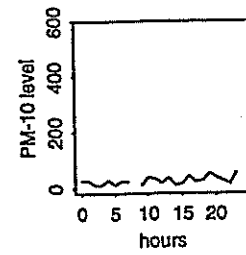
PM-10, 25th Percentile 02/04/92 (-18.24)



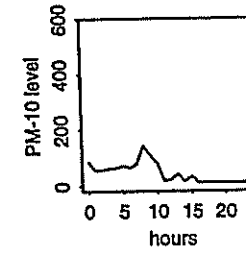
PM-10, 50th Percentile 06/05/92 (-0.27)



PM-10, 75th Percentile 08/19/92 (16.00)



PM-10, 90th Percentile 12/12/92 (41.42)



PM-10, Maximum 10/13/92 (358.24)

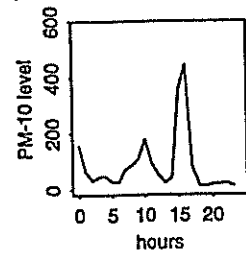
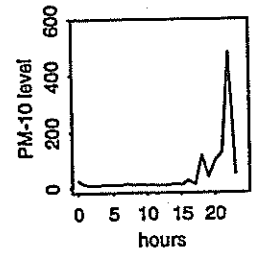
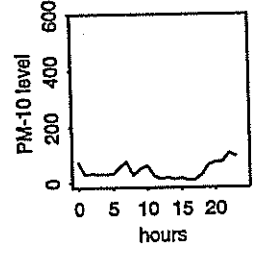


Figure 11c. PM10 Profiles for Days Corresponding to Second PC Score Quantiles, 1993

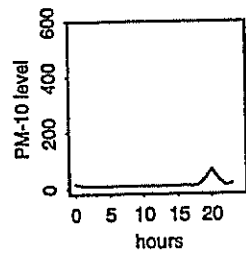
PM-10, Minimum 07/25/93 (-215.91)



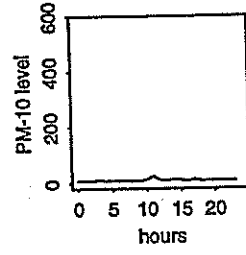
PM-10, 10th Percentile 03/08/93 (-56.80)



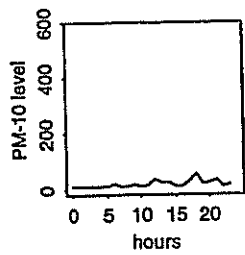
PM-10, 25th Percentile 12/22/93 (-13.38)



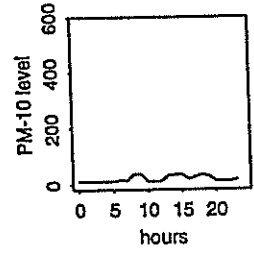
PM-10, 50th Percentile 01/29/93 (1.78)



PM-10, 75th Percentile 09/10/93 (18.18)



PM-10, 90th Percentile 10/09/93 (39.08)



PM-10, Maximum 04/06/93 (332.36)

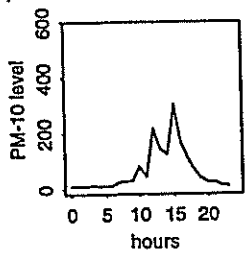
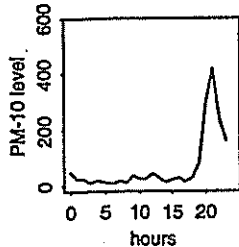
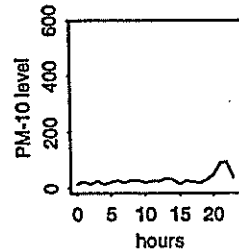


Figure 11d. PM10 Profiles for Days Corresponding to Second PC Score Quantiles, 1994

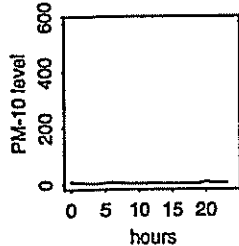
PM-10, Minimum 06/26/94 (-234.16)



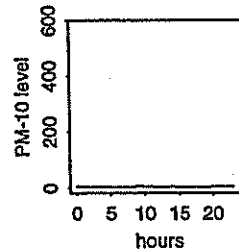
PM-10, 10th Percentile 08/06/94 (-22.16)



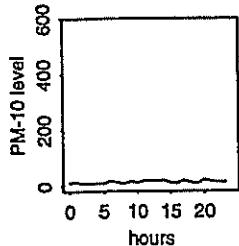
PM-10, 25th Percentile 01/09/94 (-8.94)



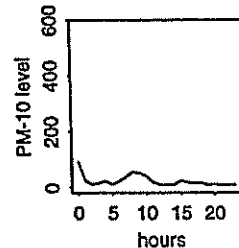
PM-10, 50th Percentile 01/20/94 (-5.99)



PM-10, 75th Percentile 06/21/94 (11.43)



PM-10, 90th Percentile 08/19/94 (29.52)



PM-10, Maximum 11/19/94 (388.97)

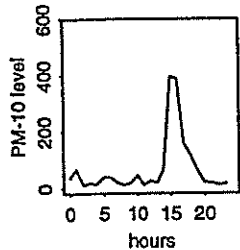
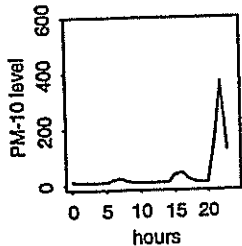
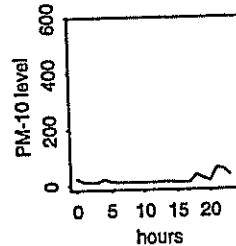


Figure 11e. PM10 Profiles for Days Corresponding to Second PC Score Quantiles, 1995

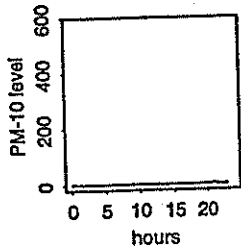
PM-10, Minimum 05/03/95 (-199.51)



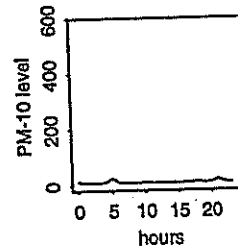
PM-10, 10th Percentile 01/14/95 (-33.64)



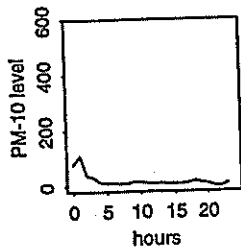
PM-10, 25th Percentile 08/18/95 (-14.15)



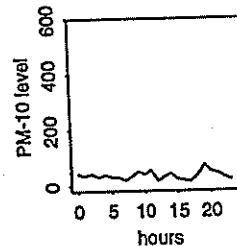
PM-10, 50th Percentile 02/19/95 (-4.95)



PM-10, 75th Percentile 10/05/95 (9.66)



PM-10, 90th Percentile 10/09/95 (31.21)



PM-10, Maximum 05/26/95 (343.36)

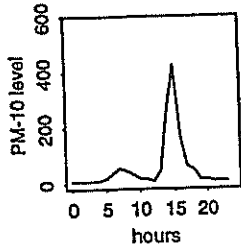
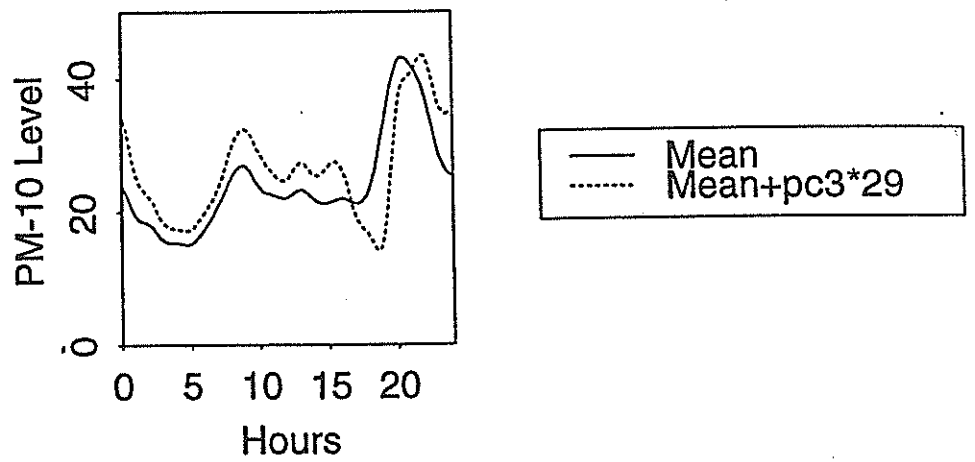


Figure 12a. The Effect of Adding (PC3 IQR)*(Third Harmonic) to PM10 Hourly Mean 1992-1993



1994-1995

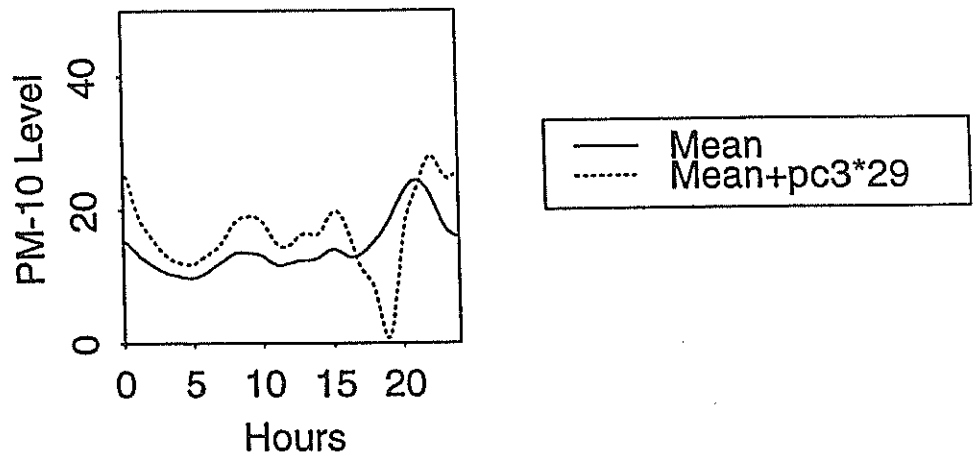
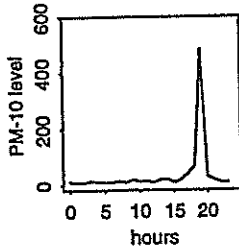
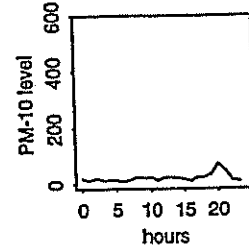


Figure 12b. PM10 Profiles for Days Corresponding to Third PC Score Quantiles, 1992

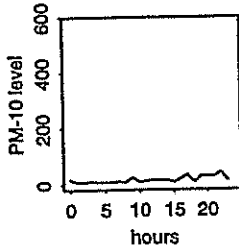
PM-10, Minimum 06/21/92 (-316.91)



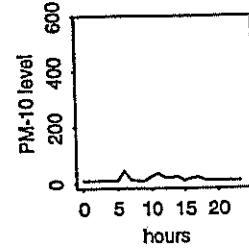
PM-10, 10th Percentile 05/19/92 (-31.59)



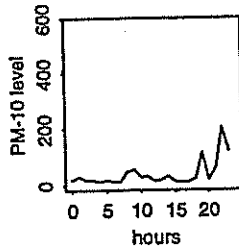
PM-10, 25th Percentile 08/08/92 (-14.72)



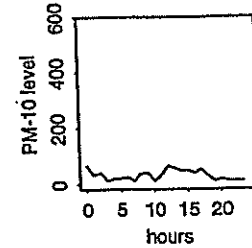
PM-10, 50th Percentile 05/06/92 (-2.65)



PM-10, 75th Percentile 11/07/92 (16.78)



PM-10, 90th Percentile 09/28/92 (44.71)



PM-10, Maximum 10/13/92 (269.03)

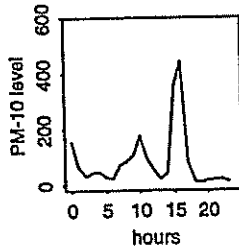
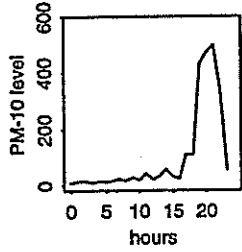
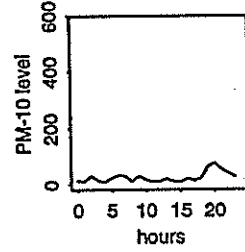


Figure 12c. PM10 Profiles for Days Corresponding to Third PC Score Quantiles, 1993

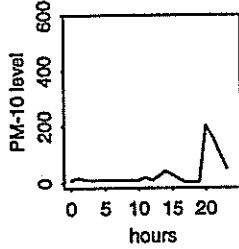
PM-10, Minimum 06/06/93 (-320.00)



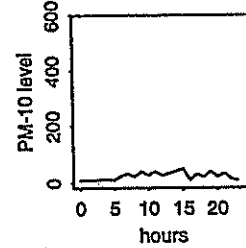
PM-10, 10th Percentile 09/28/93 (-32.11)



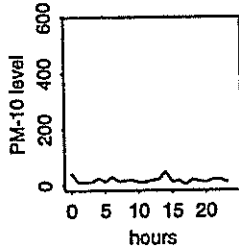
PM-10, 25th Percentile 11/07/93 (-10.80)



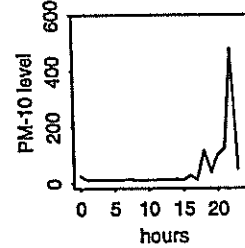
PM-10, 50th Percentile 04/22/93 (-0.06)



PM-10, 75th Percentile 10/19/93 (14.95)



PM-10, 90th Percentile 07/25/93 (35.70)



PM-10, Maximum 12/12/93 (161.68)

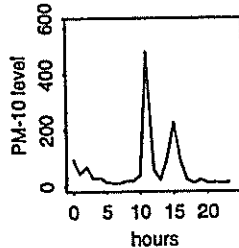
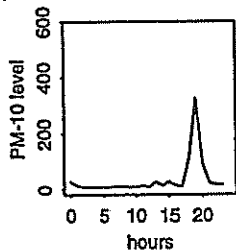
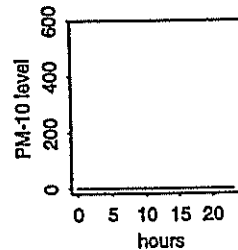


Figure 12d. PM10 Profiles for Days Corresponding to Third PC Score Quantiles, 1994

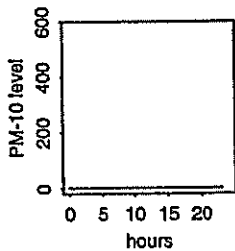
PM-10, Minimum 08/21/94 (-222.58)



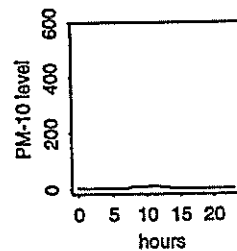
PM-10, 10th Percentile 03/25/94 (-18.74)



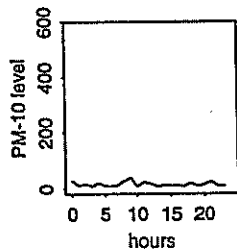
PM-10, 25th Percentile 03/10/94 (-17.27)



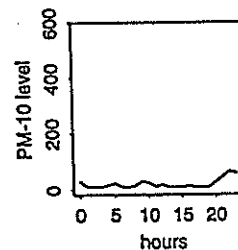
PM-10, 50th Percentile 02/04/94 (-8.80)



PM-10, 75th Percentile 07/15/94 (11.98)



PM-10, 90th Percentile 07/07/94 (32.40)



PM-10, Maximum 06/29/94 (172.12)

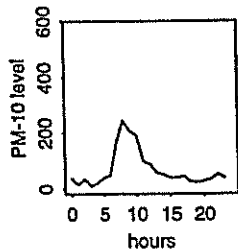
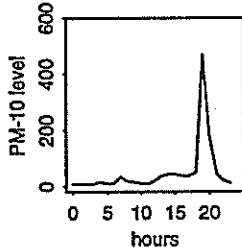
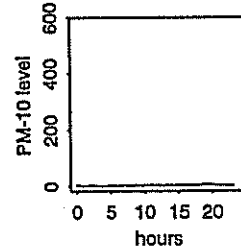


Figure 12e. PM10 Profiles for Days Corresponding to Third PC Score Quantiles, 1995

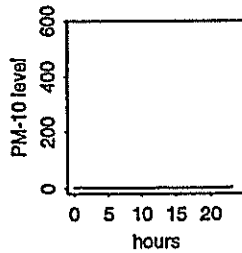
PM-10, Minimum 04/16/95 (-303.30)



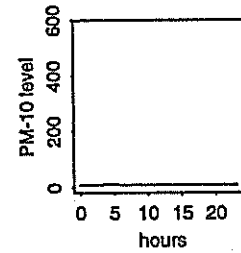
PM-10, 10th Percentile 08/05/95 (-17.70)



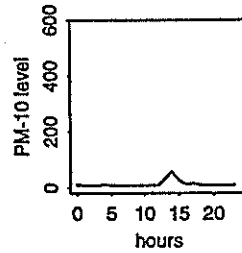
PM-10, 25th Percentile 08/21/95 (-14.45)



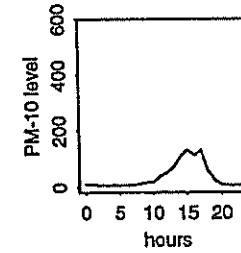
PM-10, 50th Percentile 02/15/95 (-1.78)



PM-10, 75th Percentile 01/12/95 (11.19)



PM-10, 90th Percentile 05/17/95 (33.61)



PM-10, Maximum 10/22/95 (208.18)

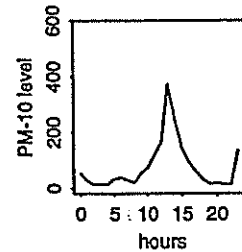
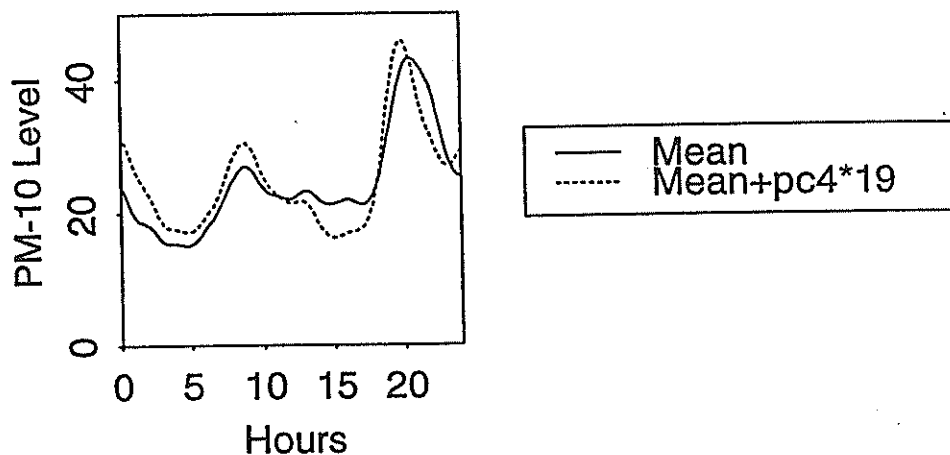


Figure 13a. The Effect of Adding (PC4 IQR)*(Fourth Harmonic) to PM10 Hourly Mean
1992-1993



1994-1995

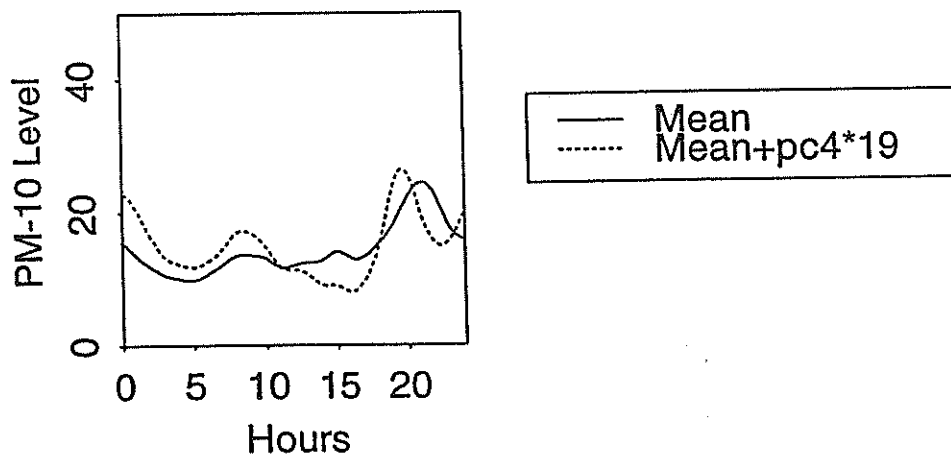
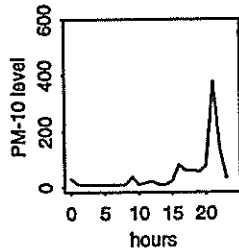
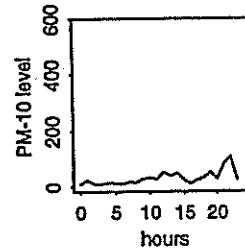


Figure 13b. PM10 Profiles for Days Corresponding to Fourth PC Score Quantiles, 1992

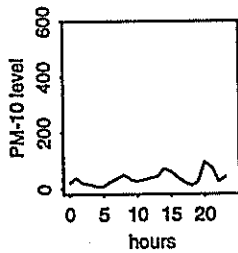
PM-10, Minimum 08/30/92 (-145.62)



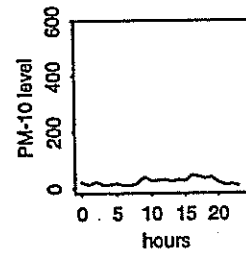
PM-10, 10th Percentile 08/09/92 (-49.26)



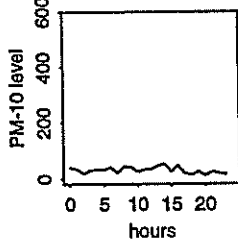
PM-10, 25th Percentile 02/20/92 (-16.21)



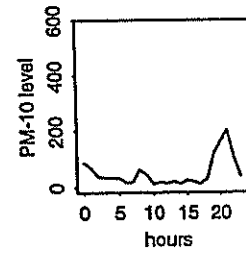
PM-10, 50th Percentile 06/07/92 (-1.71)



PM-10, 75th Percentile 09/19/92 (13.15)



PM-10, 90th Percentile 11/17/92 (41.85)



PM-10, Maximum 10/06/92 (151.71)

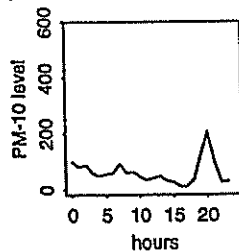
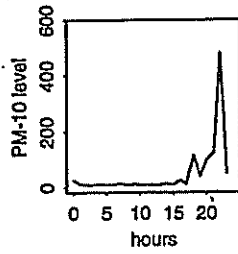
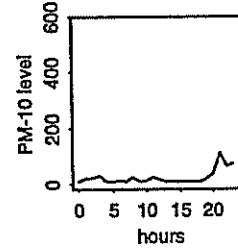


Figure 13c. PM10 Profiles for Days Corresponding to Fourth PC Score Quantiles, 1993

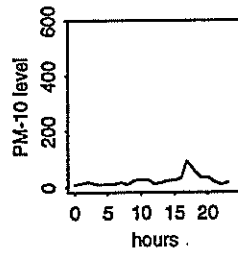
PM-10, Minimum 07/25/93 (-182.92)



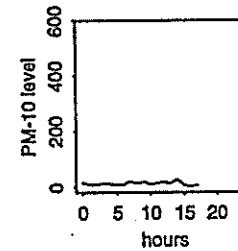
PM-10, 10th Percentile 06/27/93 (-34.00)



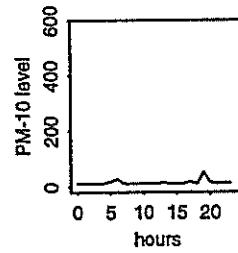
PM-10, 25th Percentile 05/05/93 (-12.38)



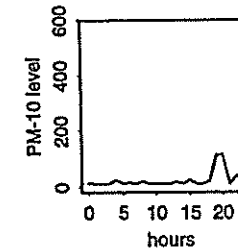
PM-10, 50th Percentile 04/11/93 (-0.72)



PM-10, 75th Percentile 08/16/93 (11.11)



PM-10, 90th Percentile 11/27/93 (36.12)



PM-10, Maximum 08/17/93 (137.18)

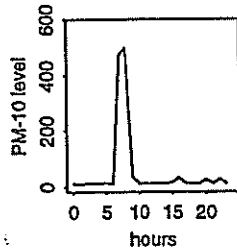
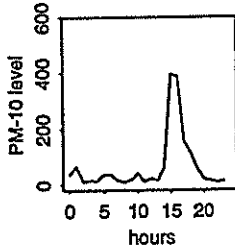
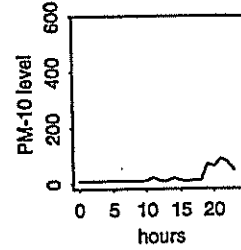


Figure 13d. PM10 Profiles for Days Corresponding to Fourth PC Score Quantiles, 1994

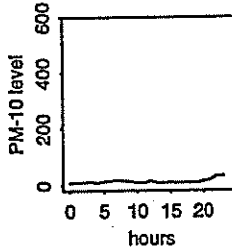
PM-10, Minimum 11/19/94 (-185.79)



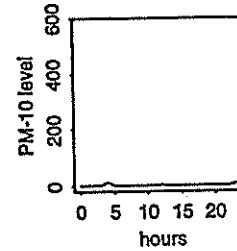
PM-10, 10th Percentile 12/28/94 (-23.74)



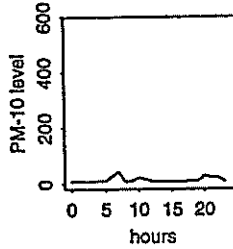
PM-10, 25th Percentile 06/23/94 (-7.20)



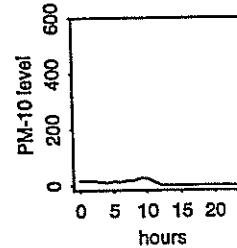
PM-10, 50th Percentile 03/11/94 (-4.30)



PM-10, 75th Percentile 11/20/94 (4.47)



PM-10, 90th Percentile 08/11/94 (25.40)



PM-10, Maximum 07/08/94 (184.43)

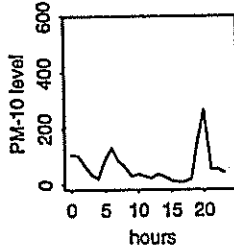
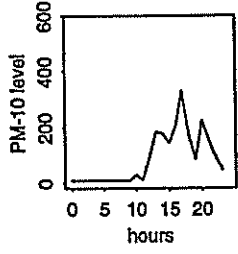
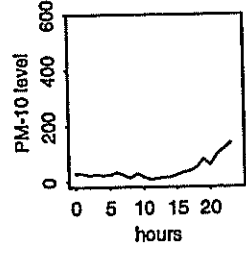


Figure 13e. PM10 Profiles for Days Corresponding to Fourth PC Score Quantiles, 1995

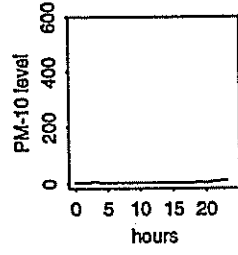
PM-10, Minimum 04/09/95 (-210.85)



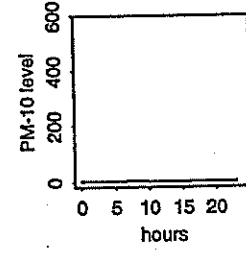
PM-10, 10th Percentile 10/20/95 (-25.59)



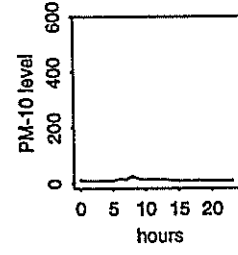
PM-10, 25th Percentile 09/11/95 (-5.39)



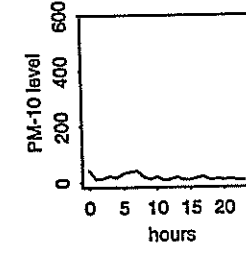
PM-10, 50th Percentile 08/17/95 (-1.84)



PM-10, 75th Percentile 02/10/95 (7.58)



PM-10, 90th Percentile 05/20/95 (27.13)



PM-10, Maximum 10/23/95 (153.85)

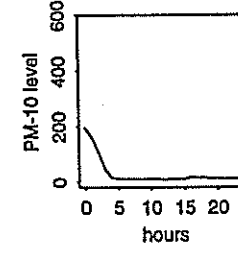


Figure 14a. Reconstructing the Functional Object for October 13, 1992

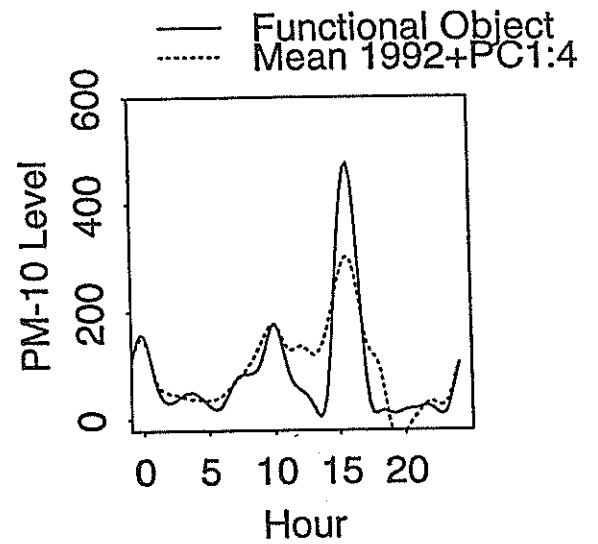
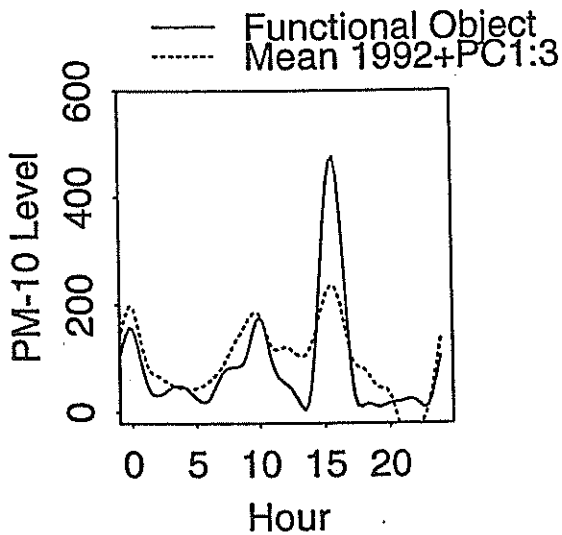
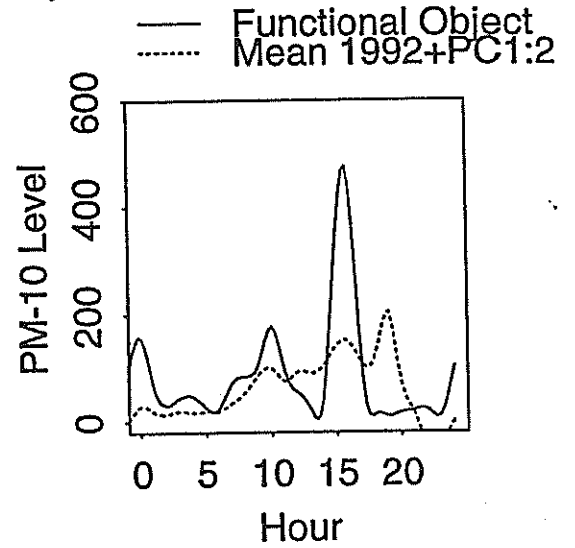
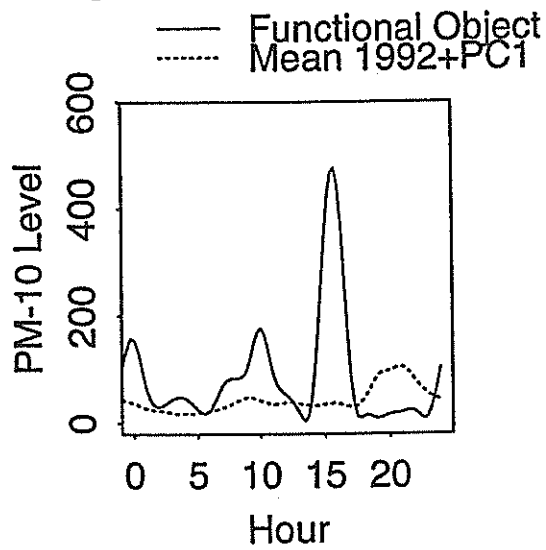


Figure 14b. Reconstructing the Functional Object for December 26, 1992

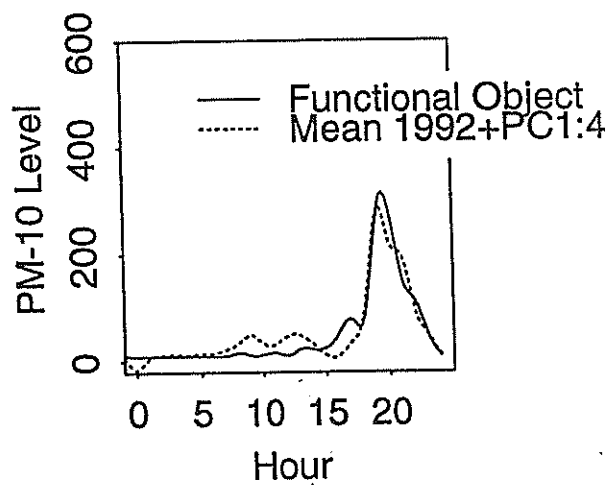
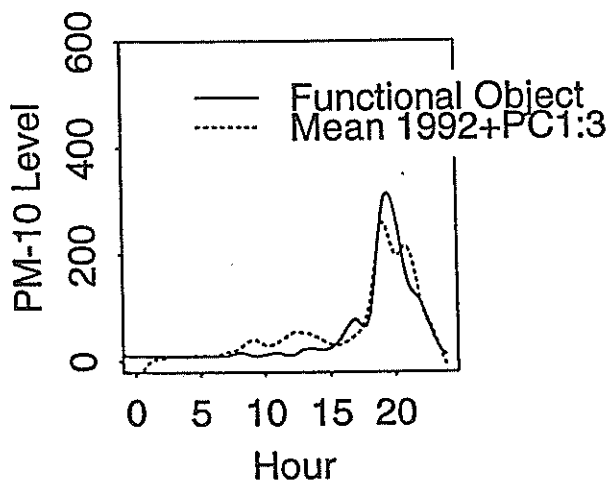
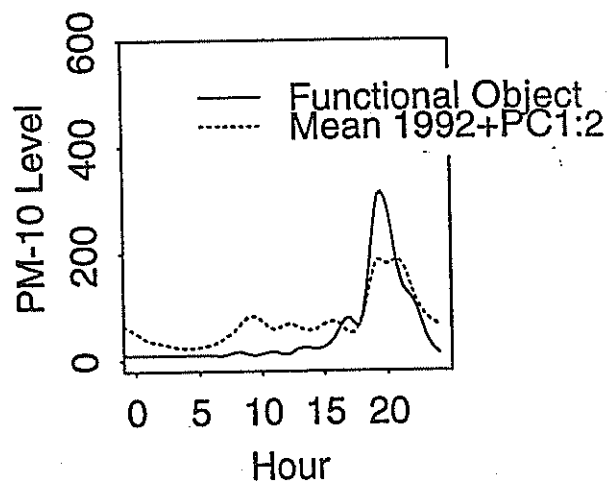
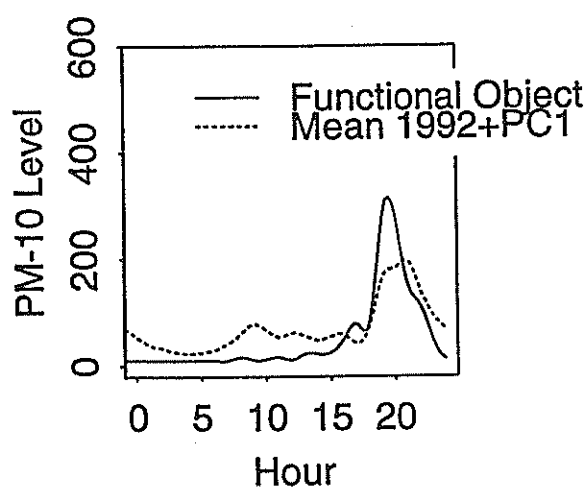


Figure 14c. Reconstructing the Functional Object for June 6, 1993

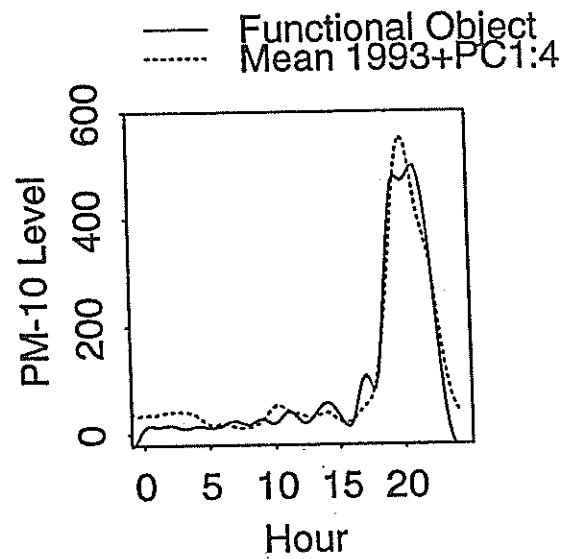
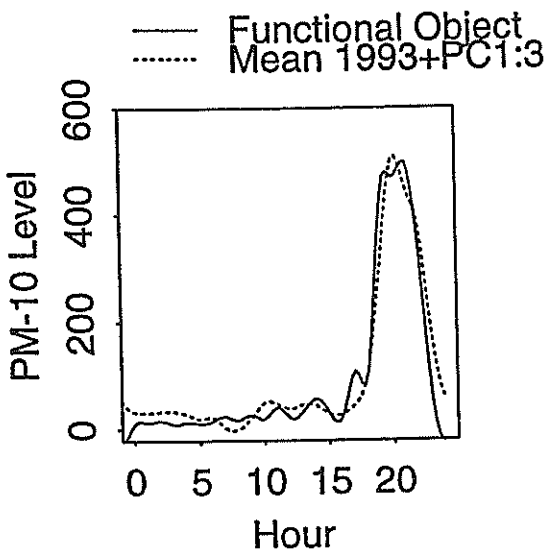
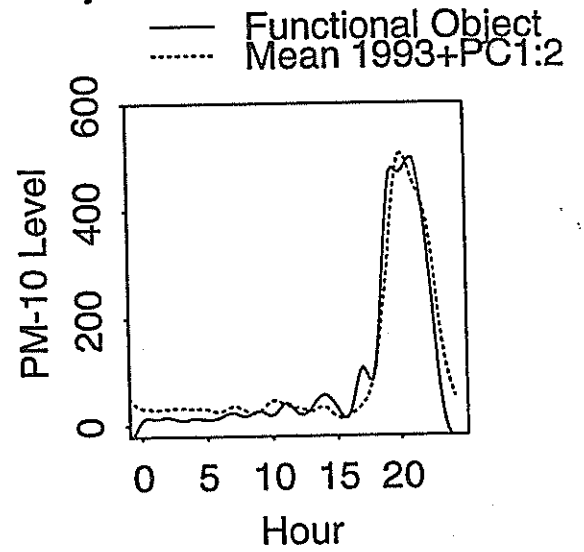
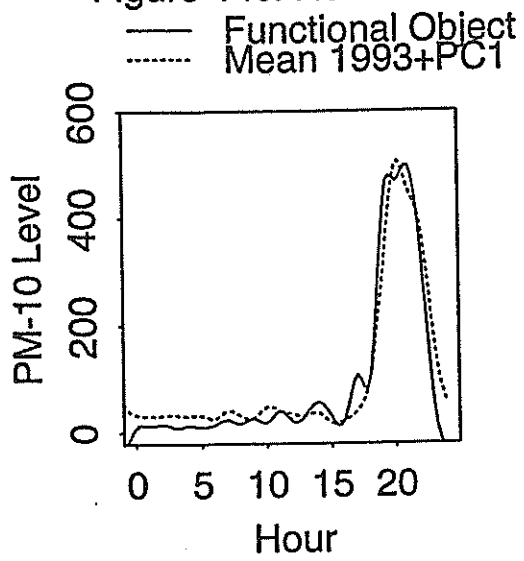


Figure 14d. Reconstructing the Functional Object for November 28, 1993

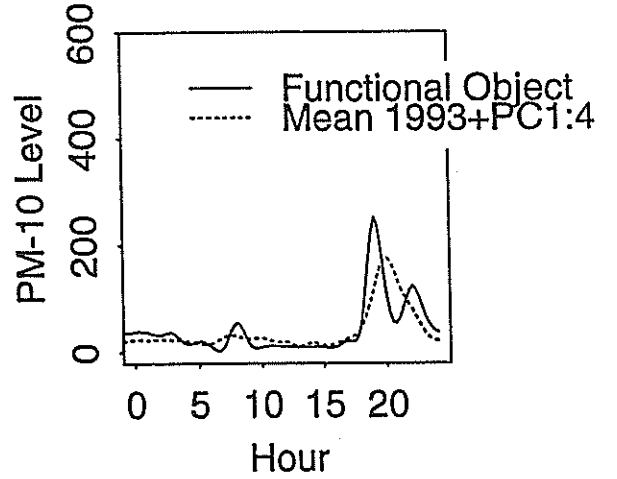
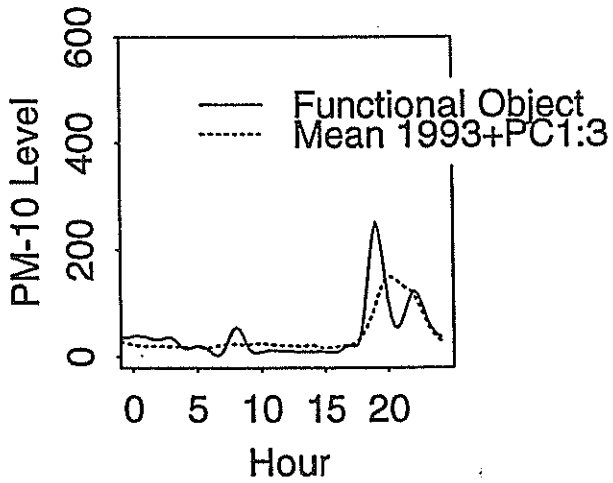
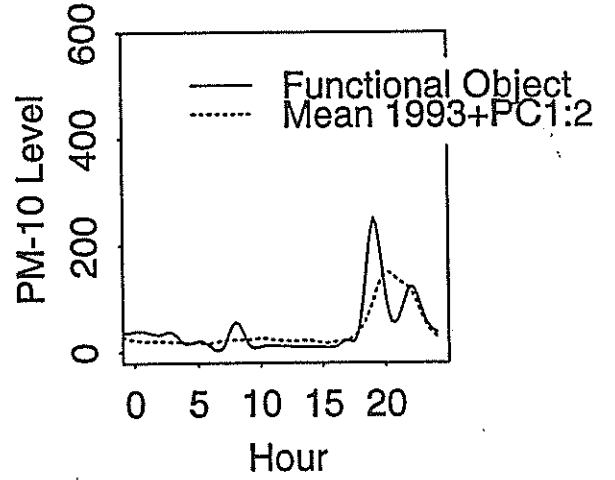
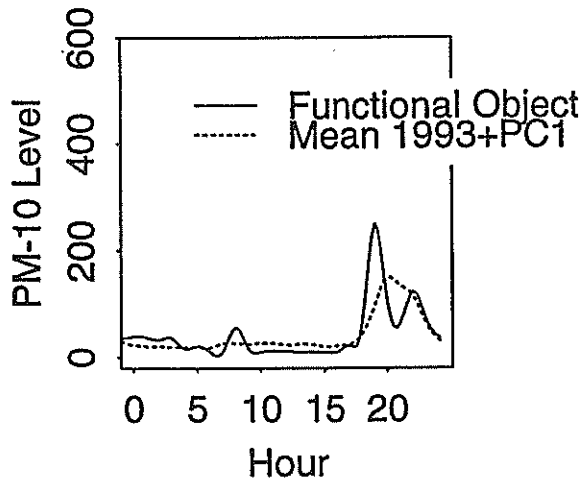


Figure 14e. Reconstructing the Functional Object for June 29, 1994

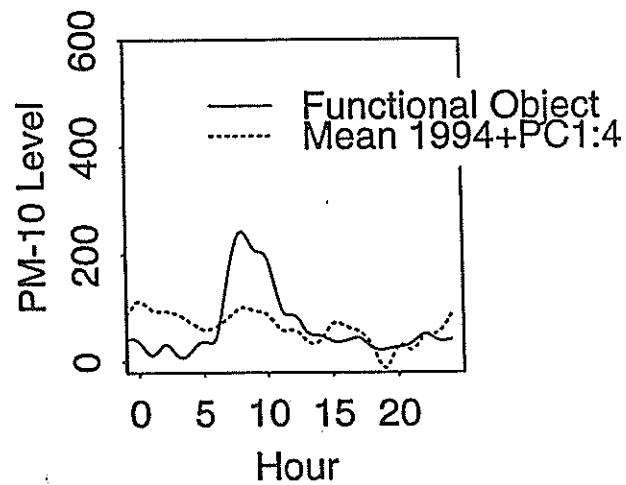
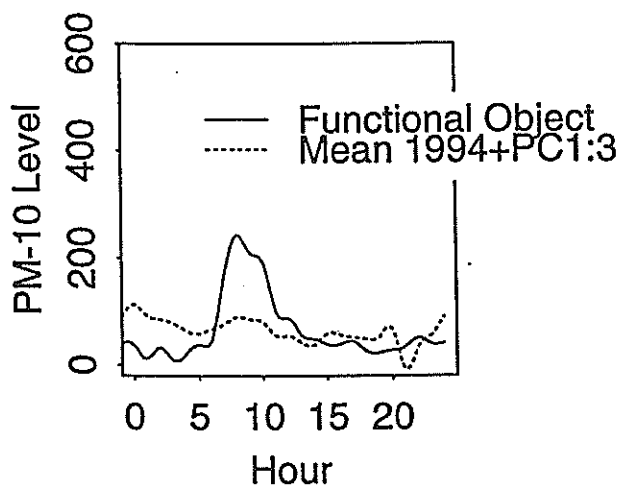
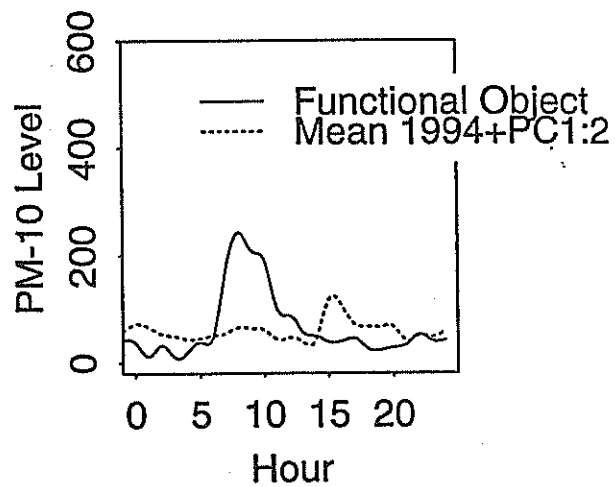
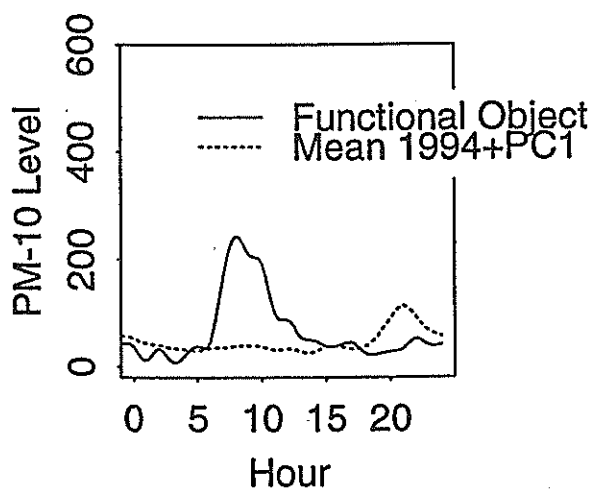


Figure 14f. Reconstructing the Functional Object for July 2, 1994

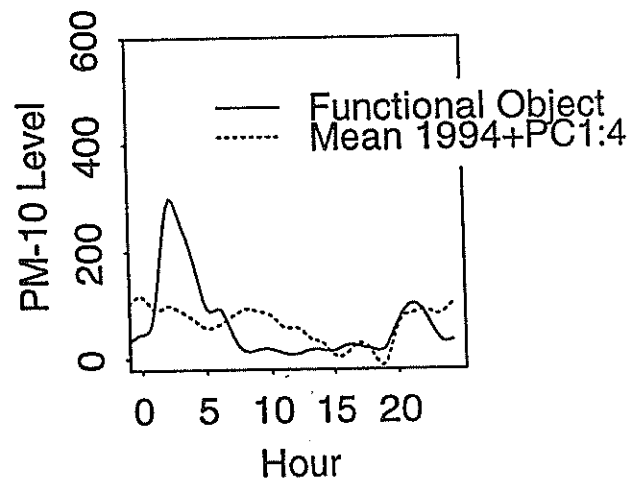
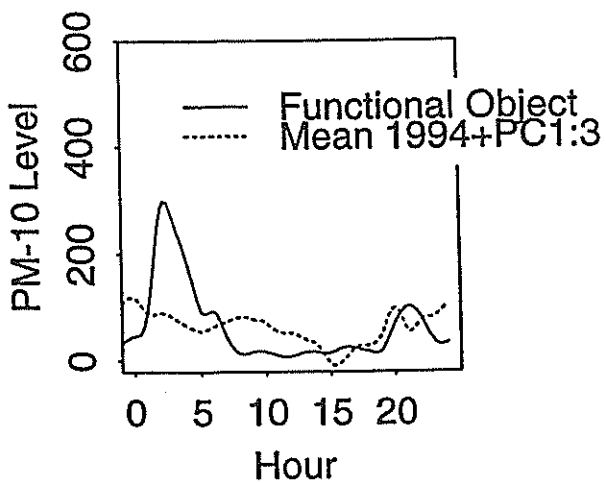
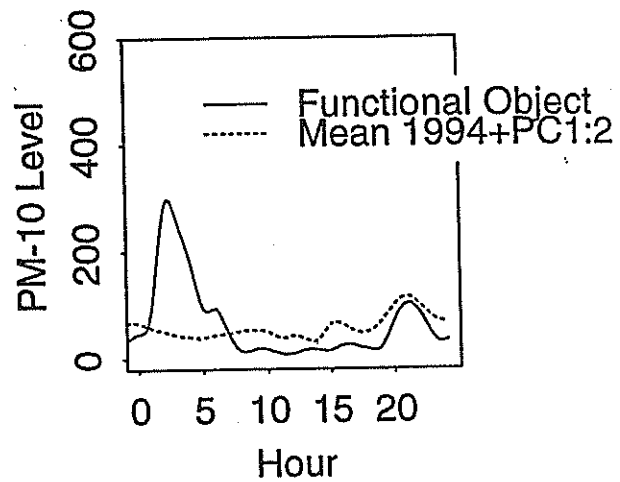
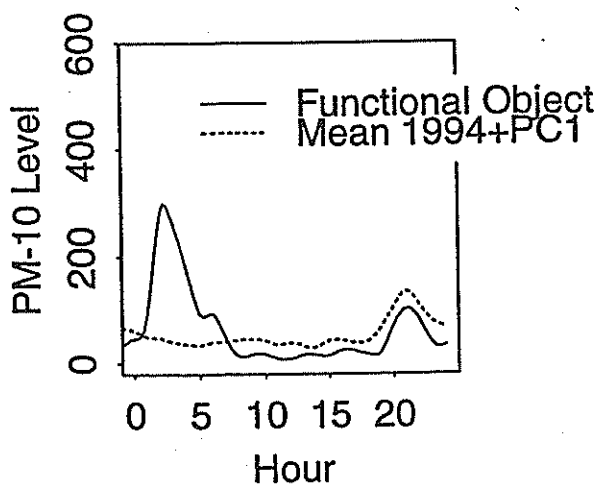


Figure 14g. Reconstructing the Functional Object for January 10, 1995

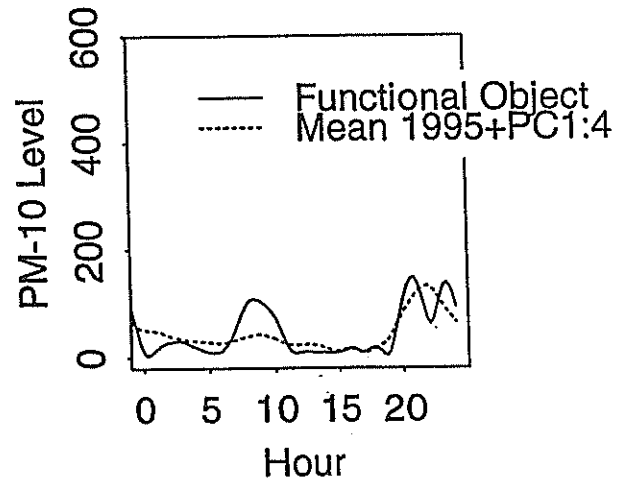
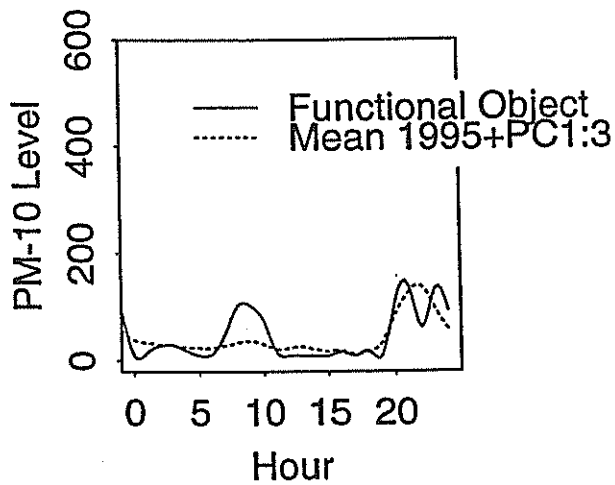
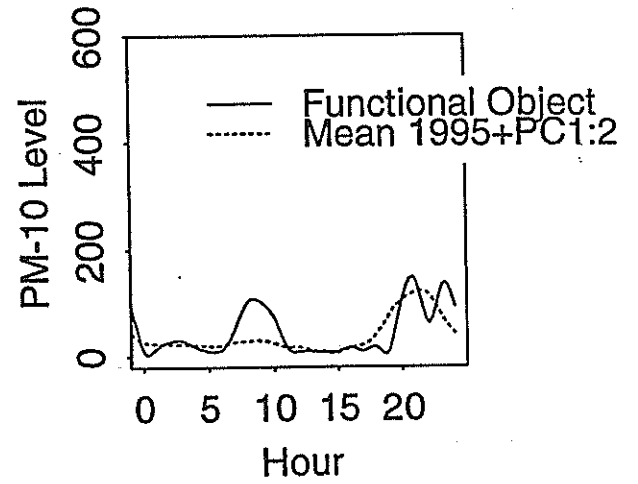
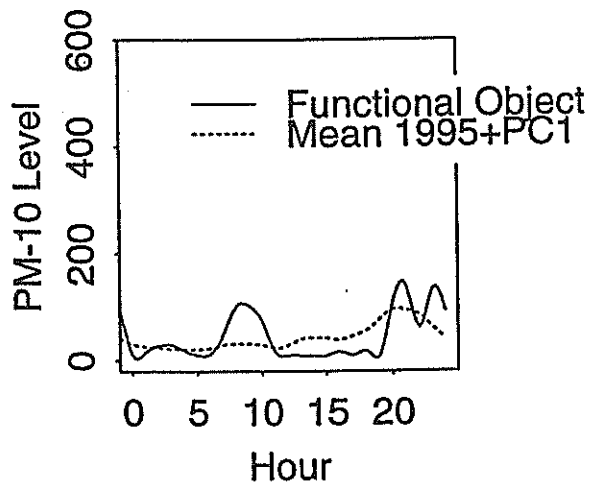


Figure 14h. Reconstructing the Functional Object for October 22, 1995

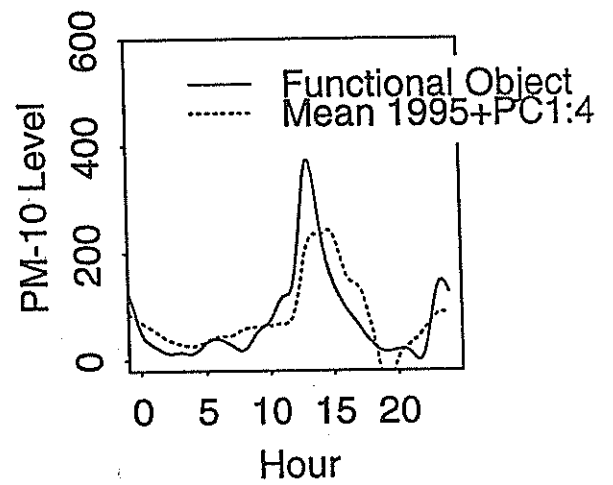
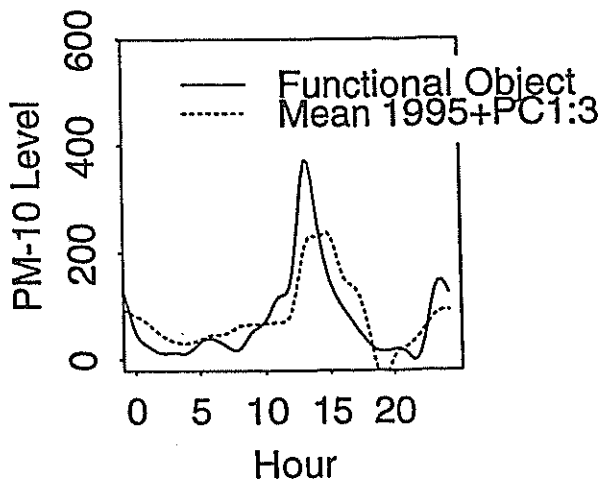
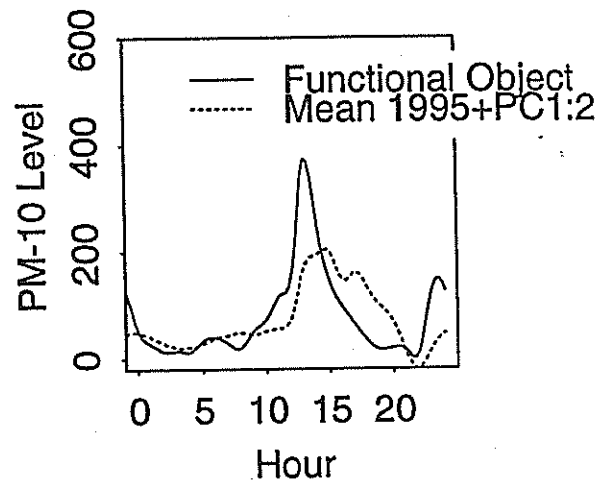
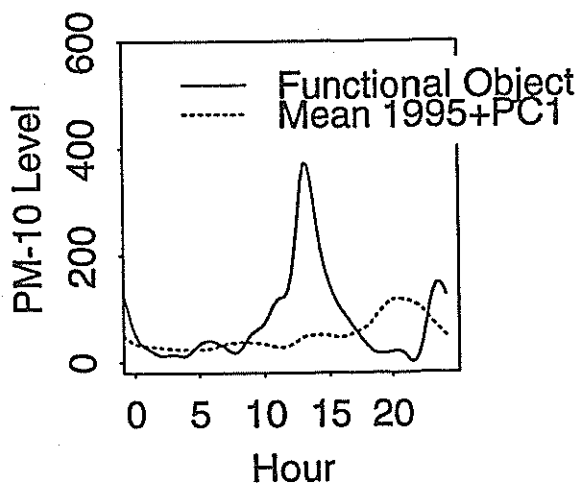


Figure 15a. First PC Harmonic by Year

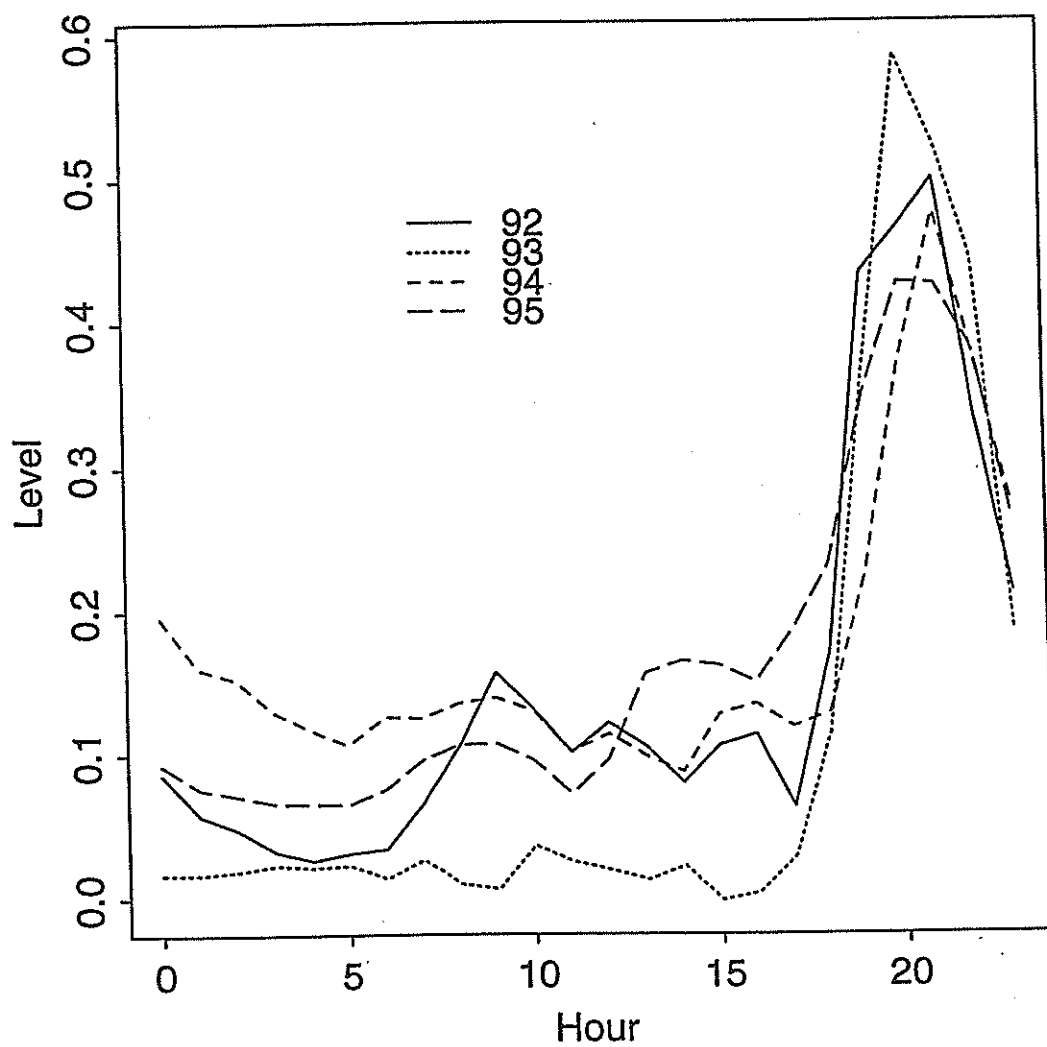


Figure 15b. Second PC Harmonic by Year

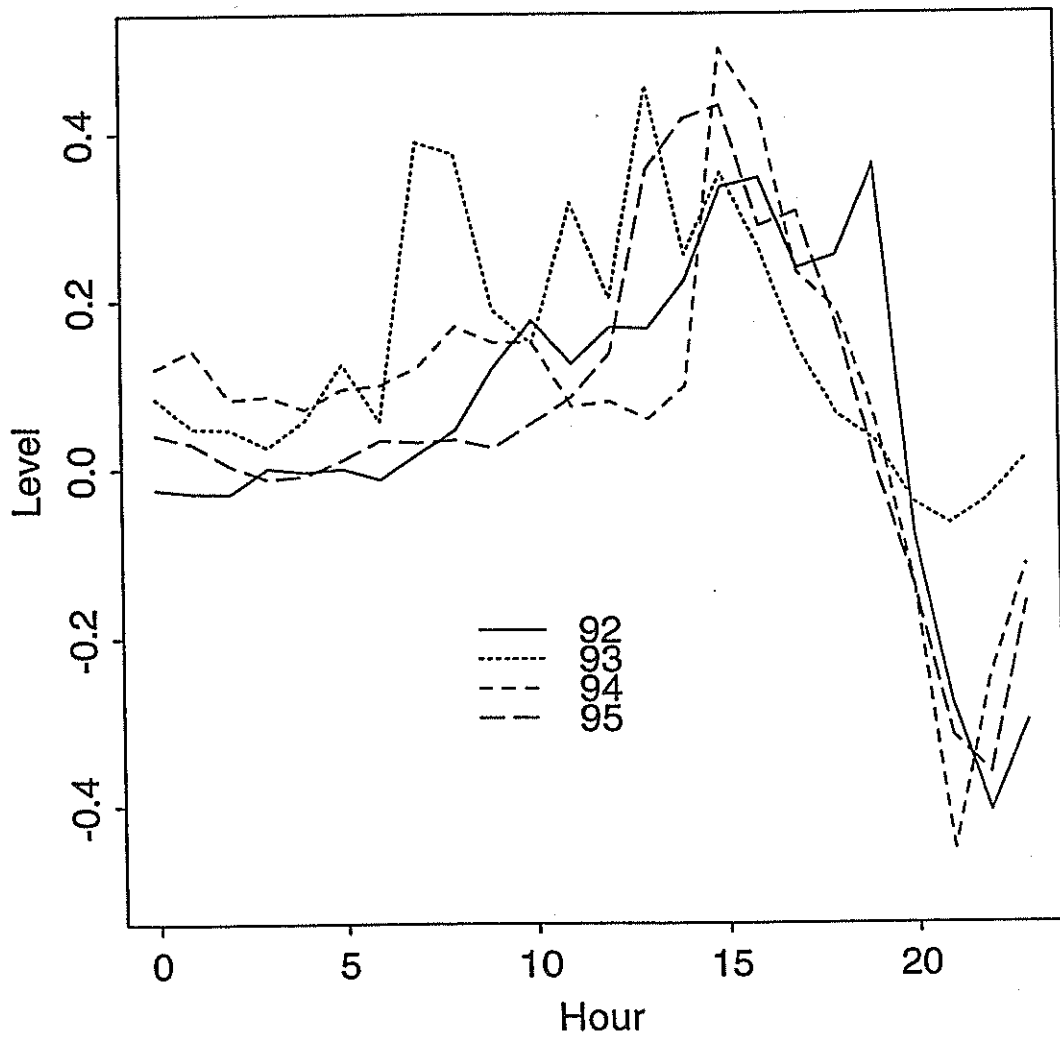


Figure 15c. Third PC Harmonic by Year

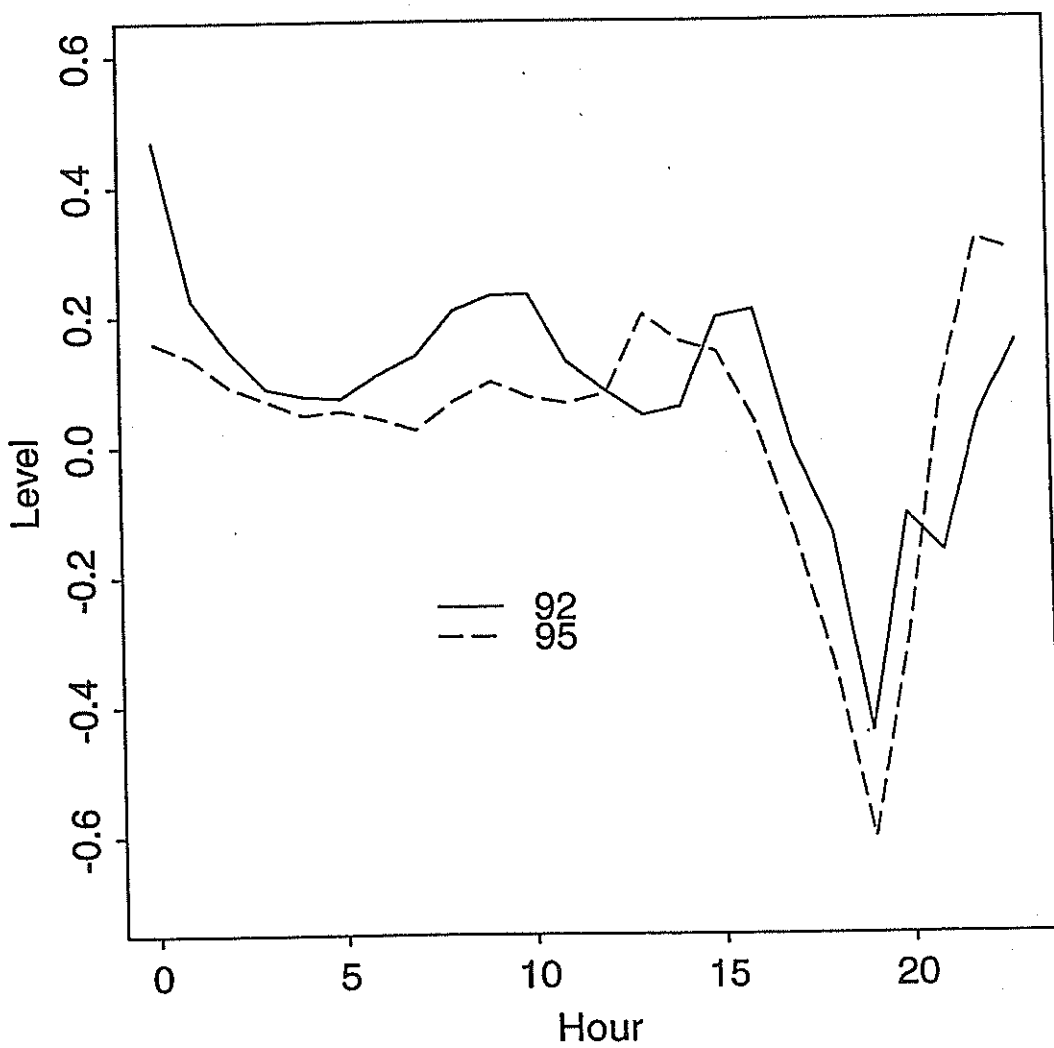


Figure 15d. Fourth PC Harmonic by Year

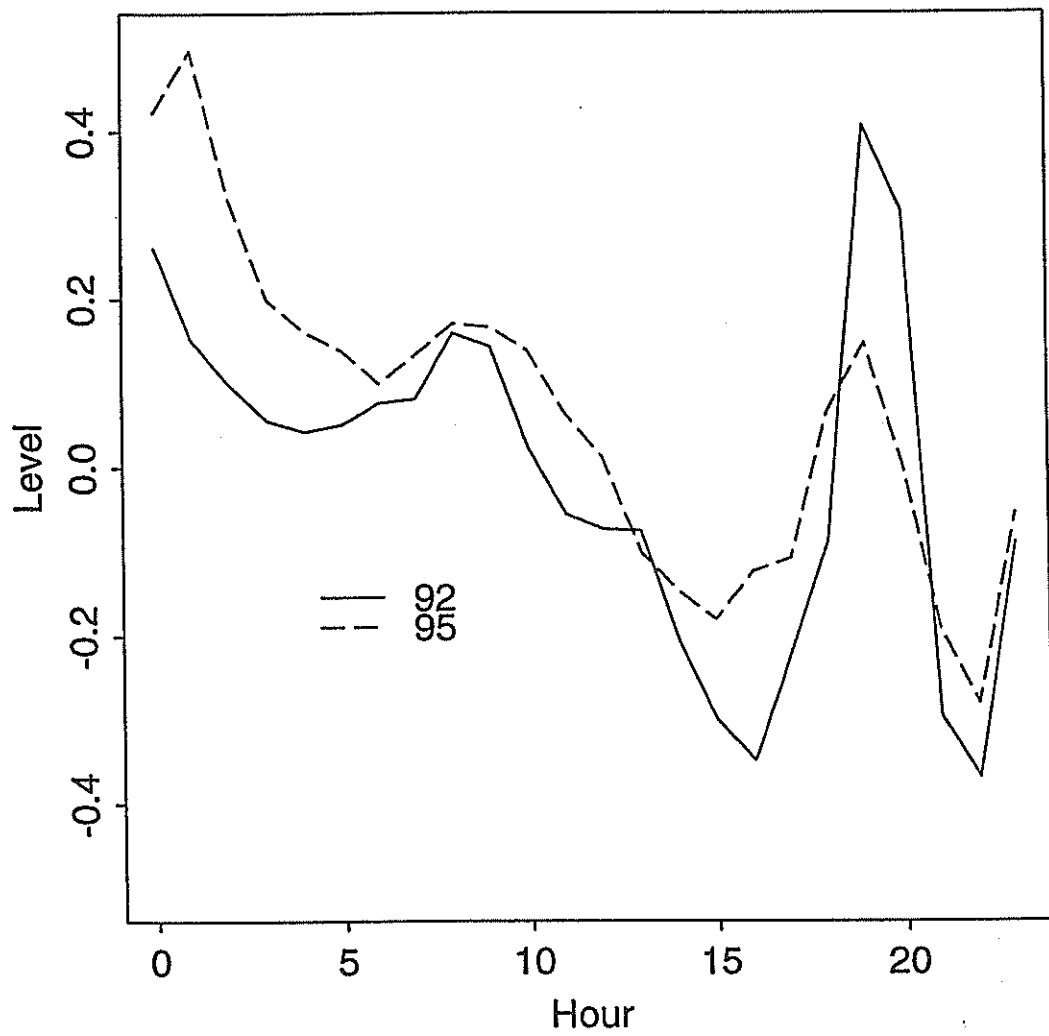


Figure 16. Pooled PC Harmonics

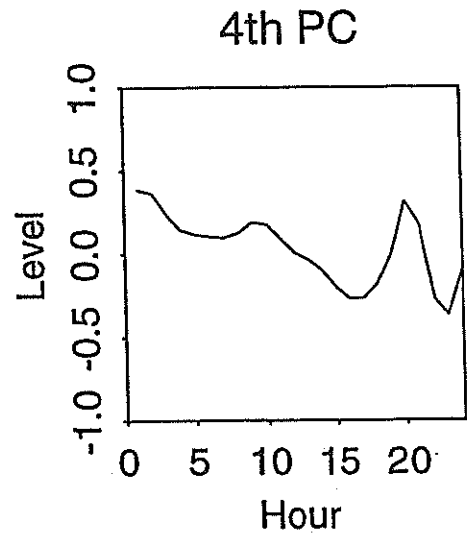
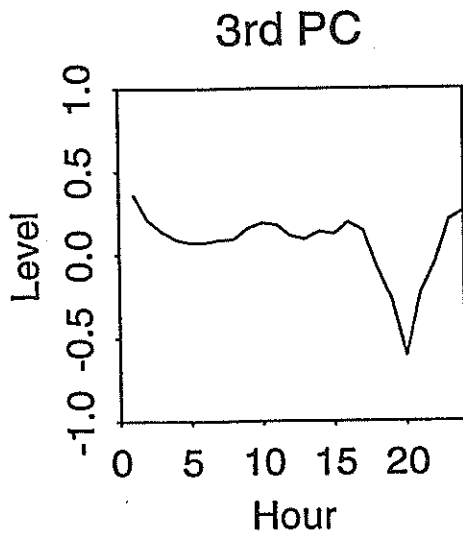
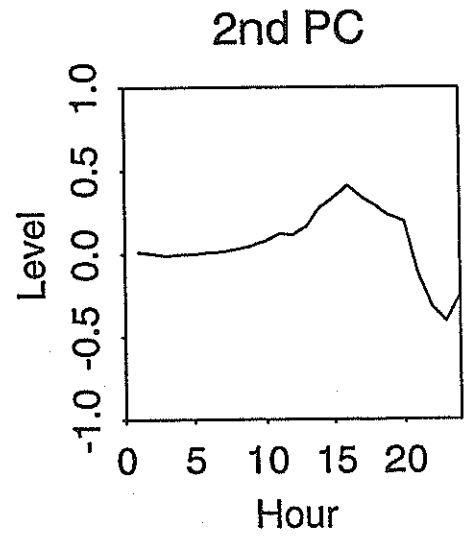
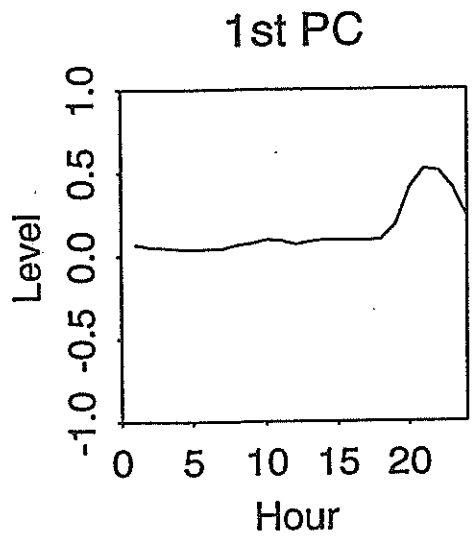


Figure 17. Daily Deaths versus Time, 1992-1995

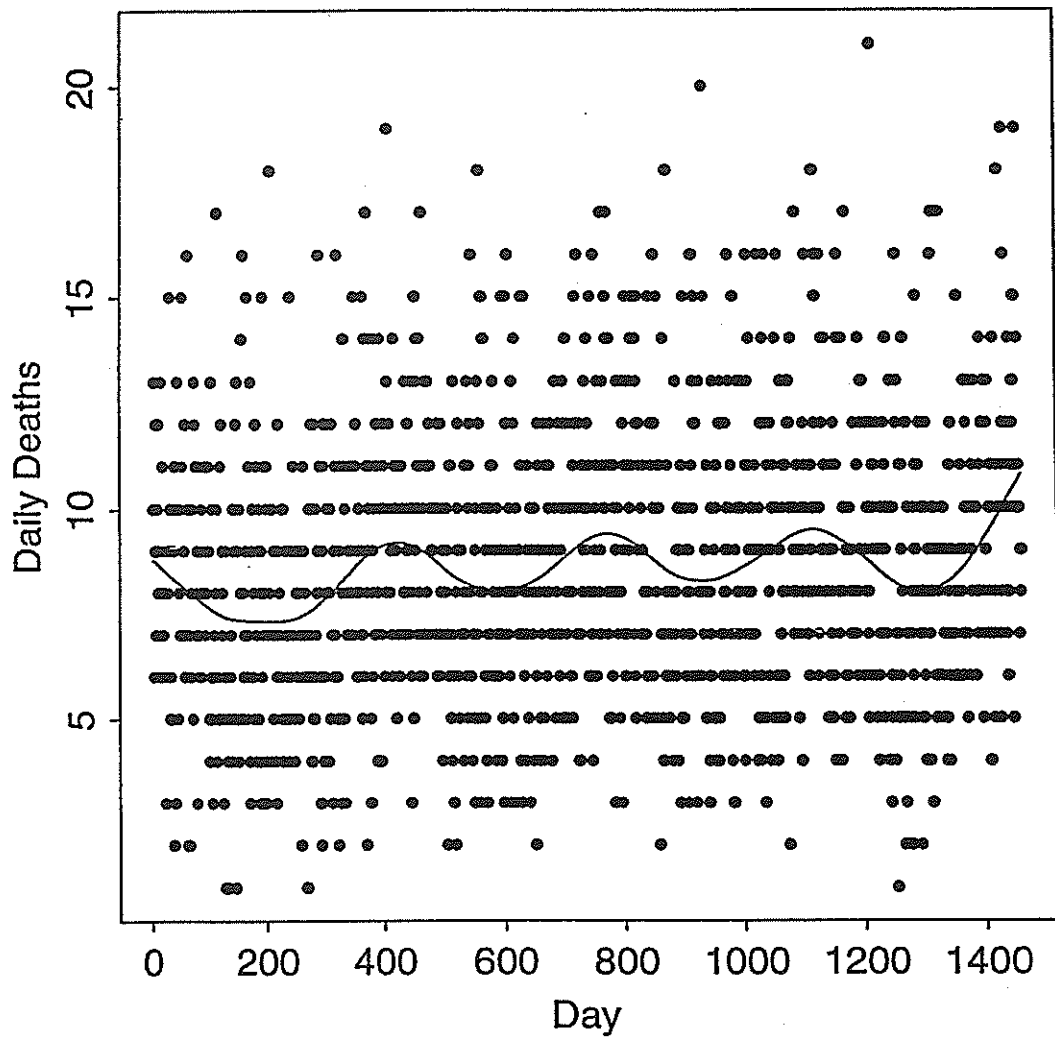


Figure 18. Residuals from Weather Model versus Time, 1992-1995

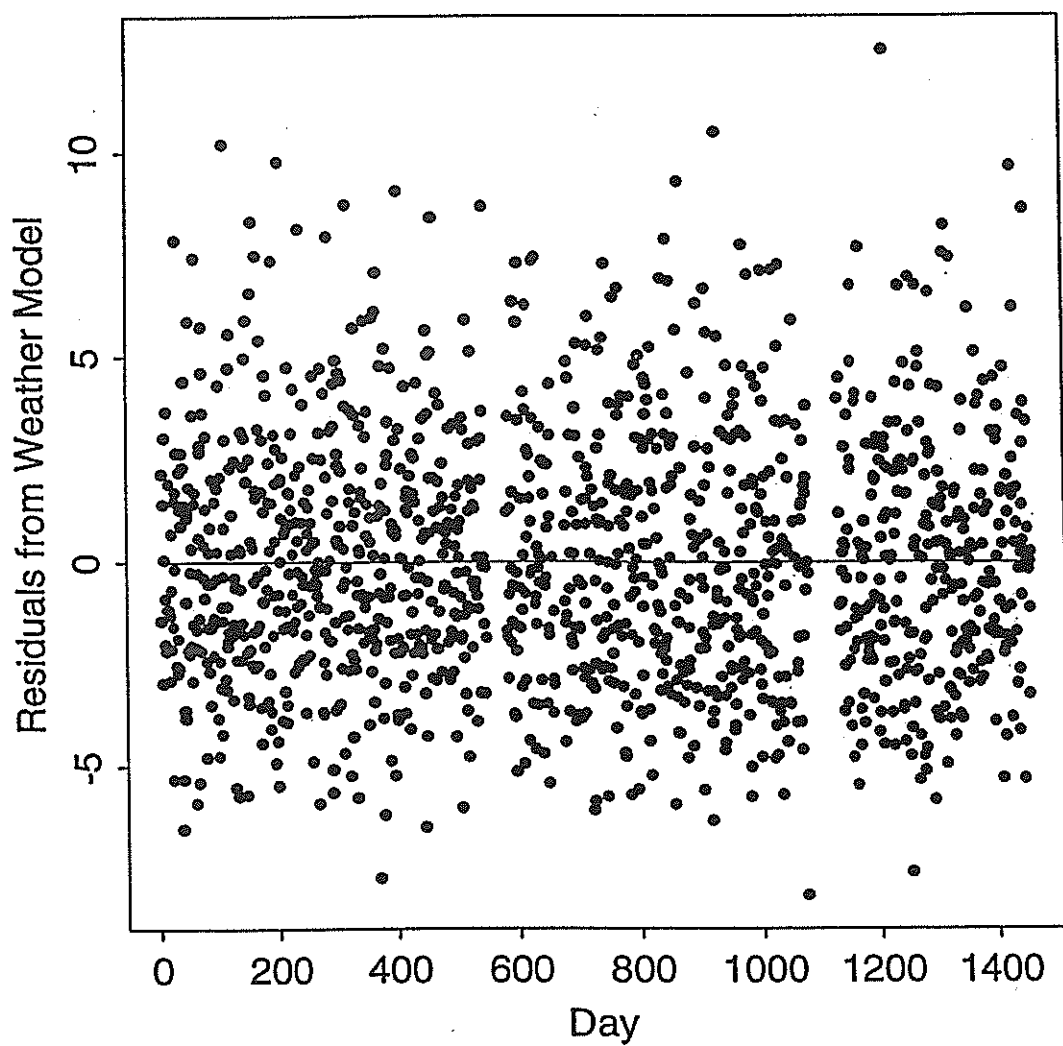


Figure 19. Smoothed Squared Residuals from Weather Model versus Predicted Deaths, 1992-1995

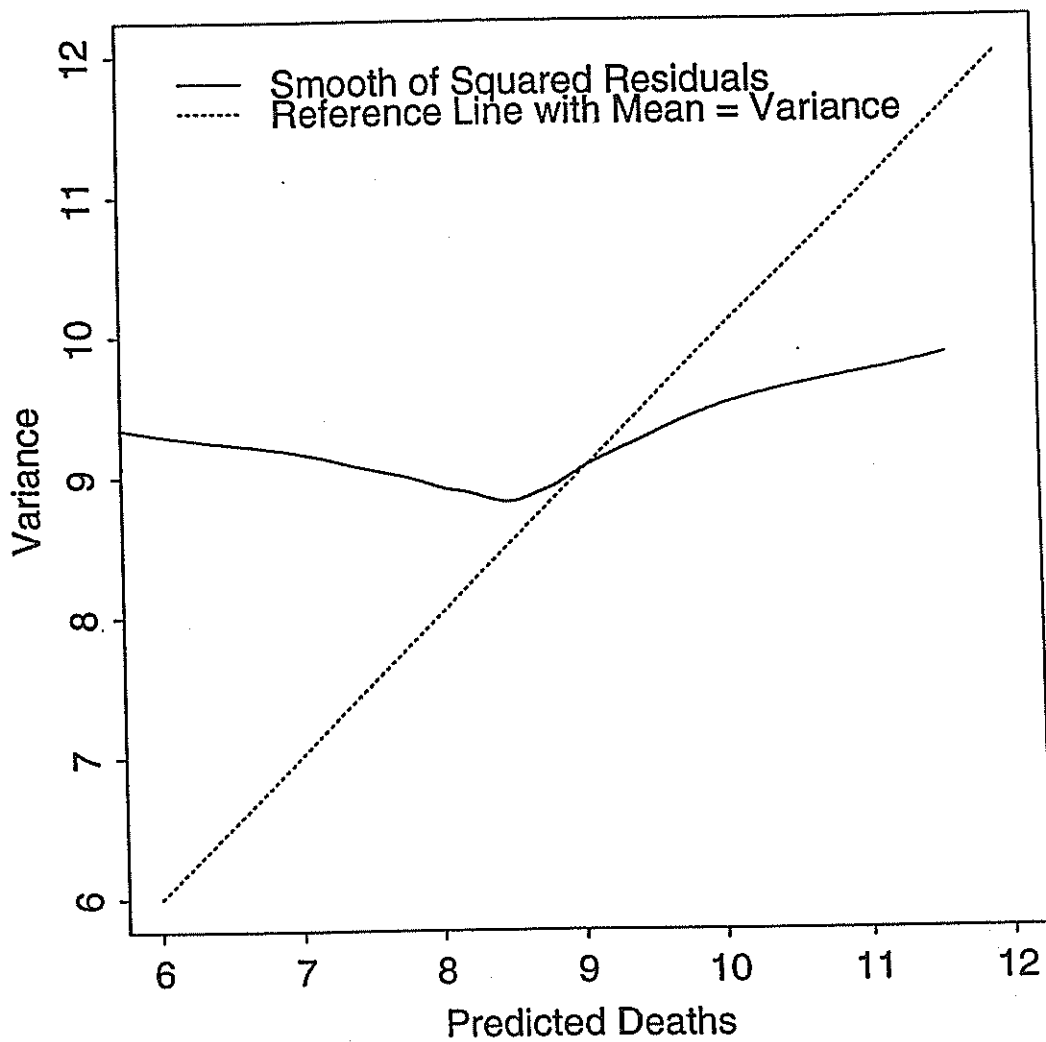


Figure 20. PM10 Daily Profile for March 2, 1992
Corresponding to Minimum Value of Gray PC3

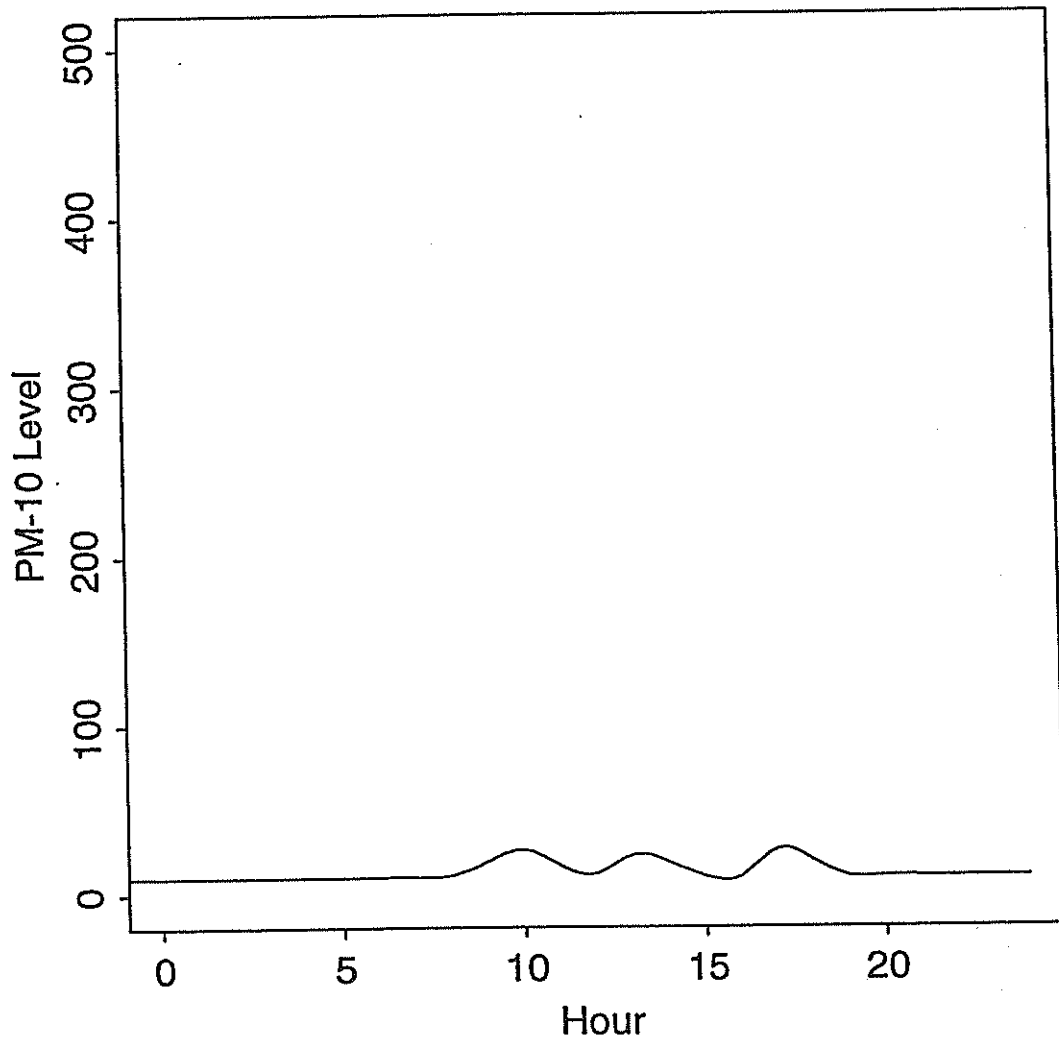


Figure 21. PM10 Daily Profile for May 26, 1995
Corresponding to Maximum Value of Gray PC3

