



APPENDIX AVAILABLE ON REQUEST

Research Report 143

Measurement and Modeling of Exposure to Selected Air Toxics for Health Effects Studies and Verification by Biomarkers

Roy M. Harrison et al.

Appendix 2. Personal Exposure, Home and Workplace Measuring Circumstances

Note: Appendices Available on the Web appear in a different order than in the original Investigators' Report. HEI has not changed these documents.

Correspondence may be addressed to Dr. Roy Harrison, University of Birmingham, Division of Environmental Health and Risk Management, Edgbaston Park Road School of Geography, Earth, and Environmental Sciences, Birmingham B15 2TT, United Kingdom, r.m.harrison@bham.ac.uk

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APPENDIX 2: PERSONAL EXPOSURE, HOME AND WORKPLACE MEASURING CIRCUMSTANCES

Table A2.1. Personal Exposure, Home and Workplace measuring circumstances. Sampling dates, concurrent home and workplace day with personal exposure, location and pollution background data

ID SAMPE	Dates Sampled	Home Measurement Day	Work Measurement Day	Location	Carbon monoxide mgm-3	PM10 particulate matter µgm-3	Nitric oxide µgm-3	Nitrogen dioxide µgm-3	Nitrogen oxides as nitrogen dioxide µgm-3	Non-volatile PM10 µgm-3	Volatile PM10 µgm-3	Ozone µgm-3	Sulphur dioxide µgm-3	1,3-butadiene µgm-3	Benzene µgm-3
1	23-27/05/05	-200	3	Suburban	0.23	24.00	10.00	27.00	42.33			61.67	3.67		
2	16-20/05/05	5	-200	Suburban	0.24	18.40	3.80	18.60	24.40			56.20	2.40		
3	20-25/06/05	5	-99	Suburban	0.32	25.17	7.17	32.83	43.50			49.33	5.50		
4	27/06-01/07/05	3	-99	Suburban	0.30	27.00	10.00	37.40	52.40			43.20	4.40		
5	27/06-01/07/05	4	3	Suburban	0.30	27.00	10.00	37.40	52.40			43.20	4.40		
6	04-09/07/05	3	4	Suburban	0.24	22.20	6.60	21.80	31.60			42.40	3.60		
7	11-16/07/05	4	-99	Urban Bham	0.26	30.00	7.40	26.20	37.40			53.00			
8	11-16/07/05	5	-99	Suburban	0.26	30.00	7.40	26.20	37.40			53.00			
9	25-30/07/05	2	-99	Urban Bham	0.33	23.25	15.13	39.25	62.00			28.00	3.38		
10	25-30/07/05	4	-99	Suburban	0.33	23.25	15.13	39.25	62.00			28.00	3.38		
11	22-24/07/05 & 30-31/07/05	-200	-99	Suburban	0.30	23.40	7.00	28.60	38.80			32.40	2.40		
12	01-05/08/05	4	3	Rural Mids	0.26	21.80	6.40	21.60	31.20			37.40	1.20		
13	08-13/08/05	2	5	Rural Mids	0.25	21.83	6.83	22.00	32.33			36.83	3.83		
14	22-26/08/05	2	4	Urban Bham	0.20	17.80	4.40	17.40	24.20			42.00	2.80		
15	22-26/08/05	2	4	Urban Bham	0.20	17.80	4.40	17.40	24.20			42.00	2.80		
16	05-10/09/05	2	4	Urban Bham	0.37	29.67	20.00	43.00	73.00			17.67	4.00		
17	12-17/09/05	2	3	Rural Mids	0.32	22.50	9.17	31.00	44.83			37.17	3.67		
18	19-24/09/05	3	5	Suburban	0.30	25.50	9.50	36.50	50.83			36.00	3.00		
19	26-30/09/05	-99	1	Suburban	0.26	19.00	6.60	22.40	31.80			40.80	2.20		
20	03-08/10/05	-200	3	Suburban	0.38	36.50	16.00	42.25	66.25			22.25	3.50		
21	10-15/10/05	4	-99	Suburban	0.35	32.67	13.33	41.50	62.00			26.83	4.00		
22	07-12/11/05	4	-99	Suburban	0.33	19.33	7.33	28.00	39.33			42.67	2.67		
23	12-16/12/05	3	-99	Suburban	0.48	32.00	20.20	43.00	74.00			32.20	4.60		
24	12-16/12/05	3	-99	Urban Bham	0.48	32.00	20.20	43.00	74.00			32.20	4.60		
25	11-15/01/06	2	4	Suburban	0.42	22.40	83.20	75.60	202.00			25.20	12.60		
26	16-21/01/06	2	-99	Rural Mids	0.43	21.50	15.33	36.33	59.33			36.50	3.17		
27	23-28/01/06	4	3	Suburban	0.63	40.17	34.50	56.17	109.00			12.83	7.17		
28	30-04/02/06	3	5	Suburban	0.58	47.17	46.33	53.83	124.17			10.50	10.67		
29	13-18/02/06	2	-99	Rural Mids	0.50	26.67	25.67	48.00	87.33			33.67	4.67		
30	20-25/02/06	3	-99	Urban Bham	0.47	27.83	13.50	45.17	65.33			32.67	4.00		
31	13-18/03/06	3	5	Rural Mids	0.43	36.00	11.17	45.33	62.50			45.17	3.50		
32	20-25/03/06	2	5	Suburban	0.40	30.50	16.50	50.67	75.83			36.50	2.00		
33	20-25/03/06	-99	-99	Suburban	0.40	30.50	16.50	50.67	75.83			36.50	2.00		
34	27-31/03/06	3	-99	Suburban	0.32	18.40	4.40	19.40	26.20			67.80	0.00		
35	27-31/03/06	3	-99	Suburban	0.32	18.40	4.40	19.40	26.20			67.80	0.00		
36	03-08/04/06	-99	-99	Urban Bham	0.40	25.33	5.33	25.50	33.33			64.00	0.50		
37	08-13/05/06	2	4	London	0.50	35.33	8.50	36.00	48.25			63.00	4.33	0.080	1.24
38	08-13/05/06	2	-99	London	0.50	35.33	8.50	36.00	48.25			63.00	4.33	0.080	1.24
39	08-13/05/06	-99	-99	Suburban	0.50	45.00	16.00	54.67	79.67			48.50	5.33		
40	15-20/05/06	4	2	London	0.50	18.33	2.50	17.17	20.67			56.00	3.33	0.066	0.71
41	15-20/05/06	1	-99	London	0.50	18.33	2.50	17.17	20.67			56.00	3.33	0.066	0.71
42	05-09/06/06	-99	-99	Suburban	0.34	48.80	13.20	49.20	69.60			54.60	4.60		
43	22-27/05/06	4	3	London	0.50	15.50	3.00	20.50	25.17			48.00	2.67	0.047	0.68
44	22-27/05/06	1	3	London	0.50	15.50	3.00	20.50	25.17			48.00	2.67	0.047	0.68
45	22-27/05/06	-99	3	London	0.50	15.50	3.00	20.50	25.17			48.00	2.67	0.047	0.68
46	05-10/06/06	4	-99	London	0.50	33.17	4.50	38.00	44.50			67.67	7.00	0.060	0.71
47	12-17/06/06	4	3	London	0.50	25.83	4.00	31.67	37.17			64.50	5.00	0.060	0.70
48	12-17/06/06	1	3	London	0.50	25.83	4.00	31.67	37.17			64.50	5.00	0.060	0.70
49	19-24/06/06	4	4	London	0.50	22.33	1.83	17.00	19.33			62.50	3.17	0.047	0.42
50	12-17/06/06	-99	-99	Suburban	0.30	32.83	6.17	37.33	46.50			57.83	2.83		
51	19-24/06/06	-99	-99	Suburban	0.23	24.17	4.00	17.67	23.67			58.67	0.67		
52	26/06-01/07/06	5	-99	Suburban	0.30	29.83	8.33	41.00	53.67			56.50	3.83		
53	03-08/07/06	3	-99	Suburban	0.32	34.00	5.50	35.33	43.83			66.33	3.00		
54	07-12/08/06	4	-99	Urban Bham	0.23	23.17	5.17	18.33	26.00			43.67	1.33		
55	14-20/08/06	4	-99	Urban Bham	0.25	18.50	3.75	20.50	26.00			52.50	1.50		
56	21-26/08/06	1	-99	Urban Bham	0.24	16.13	5.88	22.88	31.38			36.63	2.13		
57	25-29/09/06	3	4	Rural Mids	0.30	18.80	12.80	33.00	52.40			32.20	4.00		
58	25-29/09/06	3	-99	Urban Bham	0.30	18.80	12.80	33.00	52.40			32.20	4.00		
59	2-7/10/06	5	4	Urban Bham	0.25	15.50	4.33	24.00	30.50			42.67	3.17		
60	2-7/10/06	4	-99	Suburban	0.25	15.50	4.33	24.00	30.50			42.67	3.17		
61	9-14/10/06	2	-99	Urban Bham	0.37	27.17	22.67	44.83	79.00			15.83	4.83		
62	9-14/10/06	4	-99	Suburban	0.37	27.17	22.67	44.83	79.00			15.83	4.83		
63	23-27/10/06	4	3	Suburban	0.34	24.60	20.40	40.60	71.60			23.40	3.00		
64	30/10-4/11/06	4	-99	Urban Bham	0.48	33.00	29.33	48.50	93.00			23.67	4.83		
65	6/11/06 & 20- 24/01/07	5	-99	Urban Bham	0.44	16.40	11.20	35.60	52.80			36.00	4.00		
66	6-11/11/06	2	5	Rural Wales	0.50	35.33	62.67	52.33	147.67			21.50	7.50		
67	6-11/11/06	4	2	Rural Wales	0.50	35.33	62.67	52.33	147.67			21.50	7.50		
68	13-18/11/06	5	-99	Urban Bham	0.28	17.33	11.00	34.33	51.00			34.33	2.83		
69	13-18/11/06	-99	-99	Urban Bham	0.28	17.33	11.00	34.33	51.00			34.33	2.83		
70	20-25/11/06	4	2	Rural Wales	0.27	16.75	19.67	34.67	64.67			49.33	1.83		
71	20-25/11/06	2	4	Rural Wales	0.27	16.75	19.67	34.67	64.67			49.33	1.83		
72	27/11-2/12/06	4	5	Urban Bham	0.28	25.17	19.83	36.50	66.33			34.50	3.83		
73	4-9/12/06	-99	5	Urban Bham	0.30	37.17	12.50	31.67	50.50			42.33	3.83		
74	4-9/12/06	3	-99	Suburban	0.30	37.17	12.50	31.67	50.50			42.33	3.83		

APPENDIX 2: PERSONAL EXPOSURE, HOME AND WORKPLACE MEASURING CIRCUMSTANCES

ID SAMPE	Dates Sampled	Home Measurement Day	Work Measurement Day	Location	Carbon monoxide mgm-3	PM10 particulate matter µgm-3	Nitric oxide µgm-3	Nitrogen dioxide µgm-3	Nitrogen oxides as nitrogen dioxide µgm-3	Non-volatile PM10 µgm-3	Volatile PM10 µgm-3	Ozone µgm-3	Sulphur dioxide µgm-3	1,3-butadiene µgm-3	Benzene µgm-3
75	11-16/12/06	4	-99	Rural Mids	0.28	23.80	17.80	36.80	64.00			38.60	3.20		
76	11-16/12/06	2	4	Suburban	0.28	23.80	17.80	36.80	64.00			38.60	3.20		
77	8-13/01/07	-99	-99	Urban Bham	0.27	16.00	9.83	22.67	37.83			50.17	2.50		
78	8-13/01/07	-99	-99	Urban Bham	0.27	16.00	9.83	22.67	37.83			50.17	2.50		
79	15-20/01/07	2	5	Rural Wales	0.20	21.67	9.50	18.00	32.33	18.00	4.00	59.25	3.67		
80	15-20/01/07	2	-99	Rural Wales	0.20	21.67	9.50	18.00	32.33	18.00	4.00	59.25	3.67		
81	15-20/01/07	4	2	Suburban	0.33	17.67	11.00	24.50	41.33			50.33	3.67		
82	22-27/01/07	-99	-99	Urban Bham	0.47	19.50	15.50	46.00	69.83			25.83	4.17		
83	29/01- 03/02/07	4	-99	Suburban	0.70	37.00	61.00	60.00	152.50			4.00			
84	05-10/02/07	4	5	Suburban	0.62	28.50	57.50	69.00	157.00			5.67			
85	05-10/02/07	-99	-99	Urban Bham	0.62	28.50	57.50	69.00	157.00			5.67			
86	11-16/02/07	5	-99	Rural Wales	0.40	17.00	29.71	38.57	84.14	19.29		39.00	5.57		
87	12-17/02/07	2	-99	Rural Wales	0.40	17.00	29.71	38.57	84.14	19.29		39.00	5.57		
88	12-17/02/07	-99	-99	Urban Bham	0.50	26.67	29.83	40.33	85.33			32.50	4.50		
89	19-24/02/07	-99	5	Suburban	0.40	20.00	8.60	31.20	44.40			41.60	1.60		
90	19-24/02/07	-99	-99	Urban Bham	0.40	20.00	8.60	31.20	44.40			41.60	1.60		
91	26/02-03/03/07	2	-99	Rural Wales	0.33	15.20	17.50	28.50	55.17	15.60		51.17	3.67		
92	26/02-03/03/07	4	3	Rural Wales	0.33	15.20	17.50	28.50	55.17	15.60		51.17	3.67		
93	05-16/03/07	-99	-99	Urban Bham	0.34	17.00	5.75	27.00	35.58	16.00		54.08	3.00		
94	09-26/03/07	-99	-99	Suburban	0.34	21.50	7.06	28.61	39.22	20.94		50.83	3.56		
95	12-17/03/07	-99	-99	Suburban	0.35	14.17	5.67	27.00	35.33	14.33	0.17	54.00	3.33		
96	12-17/03/07	2	-99	Urban Bham	0.35	14.17	5.67	27.00	35.33	14.33	0.17	54.00	3.33		
97	19-24/03/07	4	-99	Rural Mids	0.33	16.83	9.83	35.00	49.83	16.50	0.33	41.67	4.50		
98	19-24/03/07	3	-99	Rural Mids	0.33	16.83	9.83	35.00	49.83	16.50	0.33	41.67	4.50		
99	26-31/03/07	5	-99	Urban Bham	0.55	73.50	18.17	45.83	73.67	61.33	12.33	40.83	6.00		
100	01-04/04 & 04/05/07	-200	4	Suburban	0.37	32.29	9.57	42.14	56.00	27.86	4.43	50.57	6.20		

Note: Pollutant background information from London Eltham was collected for London subjects, from Birmingham Centre for West Midlands' subjects and from Cardiff Centre for Wales' subjects.

Table A2.2. Home and Work Measurement days codes

Code	Meaning
1	ME taken on Day 1
2	ME taken on Day 2
3	ME taken on Day 3
4	ME taken on Day 4
5	ME taken on Day 5
-99	ME not taken for that volunteer or invalid measurement
-200	ME taken on a different day not concurrent with PE

APPENDIX 2: PERSONAL EXPOSURE, HOME AND WORKPLACE MEASURING

CIRCUMSTANCES

Table A2.3. Personal Exposure, Home and Workplace measuring circumstances. Sampling dates and meteorological background data

ID SAMPLE	Dates Sampled	Location	Max Air Temperature	Min Air Temperature	Average Air Temperature	Average Wind Speed	Max Gust Speed	Average Precipitation Amount
1	23-27/05/05	Suburban Bham	18.9	13.1	16.0	5.7	10.6	24.9
2	16-20/05/05	Suburban Bham	13.7	8.2	10.9	4.1	8.3	2.4
3	20-25/06/05	Suburban Bham	14.9	9.6	12.3	5.2	10.1	24.9
4	27/06-01/07/05	Suburban Bham	18.9	12.3	15.6	5.4	10.9	54.8
5	27/06-01/07/05	Suburban Bham	18.9	12.3	15.6	5.4	10.9	54.8
6	04-09/07/05	Suburban Bham	16.9	13.0	15.0	7.3	14.2	4.8
7	11-16/07/05	Urban Bham	24.3	17.1	20.7	5.2	11.0	
8	11-16/07/05	Suburban Bham	24.3	17.1	20.7	5.2	11.0	
9	25-30/07/05	Urban Bham	16.6	13.2	14.9	4.0	8.5	54.0
10	25-30/07/05	Suburban Bham	16.6	13.2	14.9	4.0	8.5	54.0
11	22-24/07/05 & 30-31/07/05	Suburban Bham	17.0	13.5	15.2	4.1	8.7	56.4
12	01-05/08/05	Rural Mids	19.2	14.1	16.6	5.2	9.5	37.9
13	08-13/08/05	Rural Mids	19.5	13.8	16.7	4.5	9.1	3.3
14	22-26/08/05	Urban Bham	17.3	12.5	14.9	5.6	11.7	16.7
15	22-26/08/05	Urban Bham	17.3	12.5	14.9	5.6	11.7	16.7
16	05-10/09/05	Urban Bham	20.8	15.7	18.3	7.2	13.0	
17	12-17/09/05	Rural Mids	17.1	11.2	14.2	7.1	16.4	
18	19-24/09/05	Suburban Bham	17.3	11.8	14.5	8.4	17.9	
19	26-30/09/05	Suburban Bham	16.2	13.3	14.7	4.5	9.5	
20	03-08/10/05	Suburban Bham	14.0	11.3	12.7	6.4	14.2	45.6
21	10-15/10/05	Suburban Bham	16.4	12.1	14.3	6.4	12.0	5.8
22	07-12/11/05	Suburban Bham	12.3	8.1	10.2	5.5	10.8	20.9
23	12-16/12/05	Suburban Bham	8.2	4.9	6.6	6.4	13.2	1.9
24	12-16/12/05	Urban Bham	8.2	4.9	6.6	6.4	13.2	1.9
25	11-15/01/06	Suburban Bham	6.9	3.7	5.3	6.6	14.4	2.4
26	16-21/01/06	Rural Mids	8.9	5.8	7.4	8.9	19.6	5.7
27	23-28/01/06	Suburban Bham	3.4	-0.1	1.6	7.9	14.2	1.9
28	30-04/02/06	Suburban Bham	2.2	0.2	1.2	7.2	14.5	10.3
29	13-18/02/06	Rural Mids	8.4	4.6	6.5	7.3	14.8	9.6
30	20-25/02/06	Urban Bham	3.6	1.3	2.5	8.7	15.3	10.7
31	13-18/03/06	Rural Mids	4.0	1.3	2.6	7.0	15.2	4.0
32	20-25/03/06	Suburban Bham	6.9	3.0	4.9	6.3	12.3	1.0
33	20-25/03/06	Suburban Bham	6.9	3.0	4.9	6.3	12.3	1.0
34	27-31/03/06	Suburban Bham	12.2	8.1	10.2	6.2	10.9	25.2
35	27-31/03/06	Suburban Bham	12.2	8.1	10.2	6.2	10.9	25.2
36	03-08/04/06	Urban Bham	8.1	3.0	5.5	7.8	17.0	4.1
37	08-13/05/06	London	12.8	6.6	9.7	8.7	16.2	0.4
38	08-13/05/06	London	12.8	6.6	9.7	8.7	16.2	0.4
39	08-13/05/06	Suburban Bham	16.8	10.9	13.8	7.8	14.5	16.0
40	15-20/05/06	London	14.4	8.9	11.6	7.1	13.5	1.3
41	15-20/05/06	London	14.4	8.9	11.6	7.1	13.5	1.3
42	05-09/06/06	Suburban Bham	21.2	14.3	17.7	4.8	9.5	21.2
43	22-27/05/06	London	19.3	13.3	16.3	9.8	17.1	0.4
44	22-27/05/06	London	19.3	13.3	16.3	9.8	17.1	0.4
45	22-27/05/06	London	19.3	13.3	16.3	9.8	17.1	0.4
46	05-10/06/06	London	17.7	11.9	14.8	5.9	11.2	0.0
47	12-17/06/06	London	19.1	13.2	16.1	9.4	16.2	0.4
48	12-17/06/06	London	19.1	13.2	16.1	9.4	16.2	0.4
49	19-24/06/06	London	26.9	19.6	23.2	6.0	11.1	0.0
50	12-17/06/06	Suburban Bham	20.1	14.7	17.4	6.4	14.2	3.1
51	19-24/06/06	Suburban Bham	18.0	12.8	15.4	4.5	9.5	15.9
52	26/06-01/07/06	Suburban Bham	21.0	15.4	18.2	5.1	10.3	14.3
53	03-08/07/06	Suburban Bham	22.6	16.8	19.7	6.9	14.4	22.4
54	07-12/08/06	Urban Bham	19.1	14.1	16.6	5.1	10.3	11.9
55	14-20/08/06	Urban Bham	18.5	13.6	16.1	4.9	9.9	11.3
56	21-26/08/06	Urban Bham	18.1	13.2	15.6	5.9	12.7	38.4
57	25-29/09/06	Rural Mids	17.9	13.8	15.8	6.0	13.7	18.6
58	25-29/09/06	Urban Bham	17.9	13.8	15.8	6.0	13.7	18.6
59	2-7/10/06	Urban Bham	14.8	10.1	12.4	3.8	7.4	51.3
60	2-7/10/06	Suburban Bham	14.8	10.1	12.4	3.8	7.4	51.3
61	9-14/10/06	Urban Bham	15.6	11.2	13.4	5.7	11.4	21.9
62	9-14/10/06	Suburban Bham	15.6	11.2	13.4	5.7	11.4	21.9
63	23-27/10/06	Suburban Bham	12.8	8.8	10.8	6.4	14.6	26.5
64	30/10-4/11/06	Urban Bham	9.4	4.4	6.9	7.4	16.8	10.4
65	6/11/06 & 20- 24/01/07	Urban Bham	3.0	-0.9	1.0	5.0	9.1	17.3
66	6-11/11/06	Rural Wales	11.9	8.3	10.1	10.4	15.7	0.4
67	6-11/11/06	Rural Wales	11.9	8.3	10.1	10.4	15.7	0.4
68	13-18/11/06	Urban Bham	11.3	7.5	9.4	4.7	8.7	11.2

APPENDIX 2: PERSONAL EXPOSURE, HOME AND WORKPLACE MEASURING CIRCUMSTANCES

ID SAMPLE	Dates Sampled	Location	Max Air Temperature	Min Air Temperature	Average Air Temperature	Average Wind Speed	Max Gust Speed	Average Precipitation Amount
69	13-18/11/06	Urban Bham	11.3	7.5	9.4	4.7	8.7	11.2
70	20-25/11/06	Rural Wales	11.3	7.9	9.6	18.5	27.9	8.7
71	20-25/11/06	Rural Wales	11.3	7.9	9.6	18.5	27.9	8.7
72	27/11-2/12/06	Urban Bham	11.2	8.5	9.8	7.1	13.4	19.1
73	4-9/12/06	Urban Bham	9.4	6.1	7.8	4.6	9.0	
74	4-9/12/06	Suburban Bham	9.4	6.1	7.8	4.6	9.0	
75	11-16/12/06	Rural Mids	9.7	6.5	8.1	6.7	13.6	
76	11-16/12/06	Suburban Bham	9.7	6.5	8.1	6.7	13.6	
77	8-13/01/07	Urban Bham	11.3	6.9	9.1	7.0	14.7	29.5
78	8-13/01/07	Urban Bham	11.3	6.9	9.1	7.0	14.7	29.5
79	15-20/01/07	Rural Wales	10.5	8.4	9.5	25.3	34.4	4.9
80	15-20/01/07	Rural Wales	10.5	8.4	9.5	25.3	34.4	4.9
81	15-20/01/07	Suburban Bham	10.5	6.9	8.7	6.4	13.7	
82	22-27/01/07	Urban Bham	3.0	-0.9	1.0	5.0	9.1	17.3
83	29/01- 03/02/07	Suburban Bham	8.7	3.1	6.3	5.0	9.2	34.8
84	05-10/02/07	Suburban Bham	2.1	-1.5	0.3	6.5	13.4	34.8
85	05-10/02/07	Urban Bham	2.1	-1.5	0.3	6.5	13.4	34.8
86	11-16/02/07	Rural Wales	8.5	4.0	6.3			15.4
87	12-17/02/07	Rural Wales	8.5	4.0	6.3			15.4
88	12-17/02/07	Urban Bham	8.2	5.2	6.7	6.3	13.9	29.7
89	19-24/02/07	Suburban Bham	10.0	7.3	8.7	9.5	17.5	18.5
90	19-24/02/07	Urban Bham	10.0	7.3	8.7	9.5	17.5	18.5
91	26/02-03/03/07	Rural Wales	9.6	6.6	8.1	15.9	23.2	67.5
92	26/02-03/03/07	Rural Wales	9.6	6.6	8.1	15.9	23.2	67.5
93	05-16/03/07	Urban Bham	10.5	5.6	8.1	7.0	13.8	29.1
94	09-26/03/07	Suburban Bham	8.9	4.2	6.6	7.8	14.7	3.6
95	12-17/03/07	Suburban Bham	11.1	5.8	8.5	8.2	15.3	1.8
96	12-17/03/07	Urban Bham	11.1	5.8	8.5	8.2	15.3	1.8
97	19-24/03/07	Rural Mids	5.7	1.7	3.7	8.3	14.8	5.3
98	19-24/03/07	Rural Mids	5.7	1.7	3.7	8.3	14.8	5.3
99	26-31/03/07	Urban Bham	10.3	5.0	7.6	8.7	19.8	2.4
100	01-04/04 & 04/05/07	Suburban Bham	14.2	8.2	11.2	6.1	12.6	14.2

Note: Meteorological background information from Heathrow was collected for London subjects, from Coventry for West Midlands' subjects, from Mumbles Head for South Wales' subjects and from Shobdon Airfield for Mid-Wales subjects.