

LONG RANGE TRANSPORT OF AIR POLLUTANTS

A cooperative OECD technical programme

ADDITIONS TO, AND CORRECTIONS
OF THE FINAL REPORTS OF LRTAP-DATA

JULY 1972 – DECEMBER 1974



CENTRAL COORDINATING UNIT

Norwegian Institute for Air Research
P.B. 115 – 2007 Kjeller – Norway

LRTAP - 4/76
DECEMBER 1976

ADDITIONS TO, AND CORRECTIONS OF
THE FINAL REPORTS OF LRTAP-DATA,
JULY 1972 - DECEMBER 1974

NORWEGIAN INSTITUTE FOR AIR RESEARCH
P. BOX 130, 2001 LILLESTRØM
NORWAY

INTRODUCTION

Since the final reports were printed, a few errors and some misunderstandings have been discovered. Also some missing data are now available. The defects are briefly described on the following pages, and updated pages to be inserted in the original reports are included.

The name of the Dutch station NL 2 has been printed incorrect in the list of stations in the reports. The correct name is Witteveen.

The aerosol sulphate data in the final reports of LRTAP-data (LRTAP 4/74, 4/75, 18/75, 19/75, 20/75, 2/76) from Austria, Germany, France and Iceland, are the figures reported to the CCU ("SO4XRF"-data) multiplied with 0.8. As shortly described in LRTAP 4/72, this was done to correct for systematic errors in the X-ray fluorescence method, and to estimate the true air concentrations of particulate sulphate.

It should be pointed out that this correction has not been applied to the aerosol sulphate data from Austria, Germany, France and Iceland in the three reports which give mean concentration value and frequency distributions (LRTAP 12/75, 13/75, 3/76).

Jan Schaug

FINAL REPORT OF LRTAP-DATA JULY - DECEMBER 1972

July - December

The sulphate in precipitation data from the Finnish stations were corrected twice for seaspray.

July - October

The particulate sulphate data from the Norwegian stations were missing in the report.

October

In October the station codes S03, S04, S05 in the particulate sulphate tables were interchanged cyclically.

The corrected data are given on the pages following.

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), WHEN CORRECTED FOR SEA-SPRAY
 MARKED WITH ASTERISKS

	*	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
DATE	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 17	N 18	N 19	N 20	N 21	N 22	
1	-	2.8	2.9	1.6	3.0	5.1	6.1	2.9	2.2	-	-	1.7	-	-	1.4	1.6	2.5	3.4	
2	10.3	6.6	3.0	3.9	1.7	2.5	2.9	1.1	4.1	0.7	-	0.7	-	2.2	1.4	1.3	1.8	1.7	
3	-	-	-	-	1.8	-	-	-	1.9	1.1	1.1	-	-	-	-	-	6.0	-	
4	0.7	12.2	9.3	-	6.0	8.8	10.3	8.0	12.4	-	0.9	-	-	-	-	-	-	-	
5	-	-	-	-	17.6	12.6	15.5	12.3	1.9	-	0.6	-	-	-	-	-	-	-	
6	1.6	-	-	-	9.2	-	9.5	11.8	-	-	-	-	-	-	-	-	-	-	
7	1.1	-	-	-	11.1	-	6.2	9.5	-	18.7	0.3	7.6	7.2	-	11.1	-	3.9	6.7	
8	-	-	-	-	-	-	6.0	5.6	-	1.1	0.3	-	-	9.6	-	2.0	1.0	-	
9	2.1	2.9	2.0	3.9	7.1	4.1	3.4	5.7	2.1	-	0.6	0.5	-	-	5.4	2.0	2.5	4.2	
10	-	-	-	-	-	-	-	5.2	-	5.0	0.7	0.4	2.3	5.2	-	-	-	-	
11	0.8	-	-	-	-	-	-	2.3	-	4.3	0.3	-	-	-	-	-	-	-	
12	2.0	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	
13	0.3	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	
14	0.6	-	-	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-	
15	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	
17	0.0	-	-	-	-	-	-	-	-	5.9	0.3	-	-	-	-	-	-	-	
18	0.5	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	
19	0.9	-	-	-	-	-	-	-	-	-	0.9	-	-	-	-	-	-	-	
20	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	8.8	5.9	4.8	-	7.9	5.0	5.3	5.2	2.7	-	-	-	-	-	-	-	-	-	
24	10.2	-	1.0	3.0	-	-	8.9	9.2	9.7	-	-	4.6	8.9	-	5.3	6.4	-	4.4	
25	-	0.8	1.0	3.5	10.2	1.3	2.0	6.1	1.5	-	-	1.3	2.2	0.3	-	1.7	1.8	3.5	
26	-	0.4	1.0	0.8	0.9	0.8	-	-	0.3	-	20.7	-	4.5	0.4	1.4	0.2	-	5.7	
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28	0.3	2.3	3.7	1.0	-	-	2.2	3.1	1.3	0.5	-	-	-	0.2	-	0.9	1.1	2.9	
29	-	1.7	2.2	1.0	-	2.8	-	-	1.6	0.0	0.9	1.4	2.9	0.7	2.5	1.7	0.8	22.0	
30	-	3.1	0.2	3.4	1.4	3.8	3.0	1.0	1.7	5.9	-	-	-	-	-	-	8.4	15.5	
31	-	2.8	2.5	-	5.9	4.1	2.9	2.7	3.2	1.3	-	3.1	2.8	3.3	2.1	1.8	2.4	22.7	

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), WHEN CORRECTED FOR SEA-SPRAY
 MARKED WITH ASTERISKS

	**	*	*	*	*	*	*	*	*	*	*	*
DATE	N 23	S 01	S 02	S 03	S 04	S 05	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1
1	7.9	5.2	2.3	-	-	-	-	1.8	-	-	-	3.7
2	1.7	-	2.3	0.8	4.6	1.9	-	-	-	-	-	12.8
3	-	12.9	-	-	-	1.3	3.6	-	-	0.0	-	5.9
4	21.7	-	-	-	-	0.2	5.1	2.6	-	10.7	-	-
5	-	-	-	-	-	-	-	1.1	5.1	2.0	-	-
6	-	-	-	-	1.3	-	1.1	1.1	7.0	4.5	-	-
7	-	-	9.9	-	1.8	0.2	-	-	-	-	2.0	2.4
8	-	9.1	9.9	7.6	-	1.0	-	1.5	2.3	3.0	-	2.4
9	6.5	6.7	9.9	-	-	0.9	-	-	3.8	-	2.0	-
10	-	3.3	-	4.3	5.0	2.5	-	-	-	-	-	-
11	-	-	-	-	-	0.0	-	-	-	-	2.1	-
12	-	-	2.2	-	-	0.6	3.9	6.0	-	3.0	1.5	-
13	-	-	2.2	3.7	-	-	-	6.8	-	8.6	2.1	-
14	-	-	-	-	-	-	-	-	2.1	-	7.1	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	0.4	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	6.2	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	0.0	4.1	1.9	5.7	1.1	0.0	-
21	-	-	2.5	-	-	-	-	-	-	-	-	8.7
22	-	-	2.5	-	-	-	-	-	-	-	-	5.0
23	10.8	-	2.5	-	-	1.7	-	0.0	-	-	-	18.8
24	4.3	4.0	2.5	-	-	-	-	-	-	-	1.0	-
25	1.6	-	2.5	-	-	-	-	-	-	4.3	-	-
26	1.6	-	2.5	-	3.7	-	0.0	1.4	3.3	-	-	-
27	-	8.2	2.5	-	-	-	-	-	-	-	-	-
28	2.0	3.2	2.5	-	-	-	-	-	-	-	-	67.9
29	3.6	2.4	2.5	-	-	-	-	-	-	-	-	-
30	3.1	-	2.5	-	-	-	-	-	-	-	-	-
31	7.2	9.5	2.5	1.3	-	-	-	4.3	-	-	-	21.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

72

SULPHATE COLLECTED ON FILTER (MICROGRAMS PFR M3)

DATE	N 01	N 03	N 09	N 21	N 22	N 23	NL 1	NL 2	NL 3	S 01	S 02	S 03	S 04	S 05	UK 1
1	2.0	2.1	2.1	1.6	3.9	3.6	2.5	5.0	2.5	5.2	7.3	3.8	3.2	1.8	-
2	2.7	1.3	0.8	2.3	5.8	3.3	7.5	5.0	7.5	4.8	7.0	5.8	5.6	1.9	-
3	0.4	0.4	2.0	0.9	0.9	6.9	2.5	12.5	10.0	3.0	3.5	1.9	5.2	2.1	3.4
4	4.7	4.6	2.9	3.3	7.3	-	17.5	12.5	7.5	5.0	11.5	7.0	3.6	1.8	5.9
5	6.8	9.5	7.7	4.2	7.6	19.5	5.0	12.5	20.0	5.9	15.7	8.5	7.3	0.8	5.7
6	6.6	11.5	4.2	6.9	16.8	-	15.0	12.5	10.0	7.1	13.7	13.0	3.6	1.4	5.5
7	6.8	5.9	3.6	9.7	9.7	6.0	2.5	10.0	10.0	8.9	11.0	14.6	4.3	1.1	3.5
8	1.3	1.0	2.4	0.8	4.3	2.6	5.0	7.5	7.5	5.6	7.6	7.2	7.9	3.2	6.0
9	2.2	2.4	2.4	1.3	3.2	2.9	2.5	-	12.5	8.6	8.3	2.6	4.4	0.1	6.7
10	2.0	1.4	1.8	2.9	4.2	2.3	7.5	5.0	7.5	2.6	5.3	4.8	12.8	1.2	4.7
11	3.2	2.9	0.9	0.6	5.7	3.5	5.0	17.5	7.5	3.1	6.5	3.6	2.5	0.1	6.5
12	0.7	0.4	2.2	0.5	2.0	1.0	12.5	5.0	-	2.2	3.2	2.6	6.7	0.7	10.4
13	0.9	1.4	1.1	0.5	1.0	1.3	2.5	7.5	15.0	4.8	5.8	1.6	1.6	0.7	13.5
14	1.4	0.2	1.4	0.7	1.5	1.5	15.0	0.0	7.5	5.0	1.3	1.4	1.0	0.0	11.3
15	1.2	1.7	2.8	1.3	2.6	2.6	10.0	5.0	5.0	4.6	8.4	1.3	1.3	0.8	3.2
16	1.8	1.5	6.2	1.3	5.4	2.9	12.5	7.5	10.0	0.0	7.7	1.9	1.9	1.1	4.4
17	1.8	2.0	3.2	2.8	4.3	2.7	20.0	10.0	12.5	0.6	5.0	3.7	3.8	0.5	7.6
18	3.8	4.0	4.3	1.8	5.3	3.8	20.0	12.5	12.5	0.5	5.4	3.5	1.2	0.2	5.7
19	1.1	5.0	1.2	2.3	7.2	4.9	32.5	7.5	12.5	0.5	8.3	3.5	1.6	2.2	3.7
20	3.9	3.9	1.0	2.4	5.2	0.4	40.0	10.0	10.0	0.5	7.1	7.8	7.1	0.5	5.3
21	2.2	1.8	0.0	0.4	2.3	1.8	12.5	7.5	10.0	0.1	3.6	1.3	0.5	1.0	0.0
22	1.0	0.9	0.5	1.9	4.0	2.2	25.0	10.0	10.0	1.3	4.4	1.2	0.6	0.4	6.5
23	2.6	1.3	2.7	2.6	5.9	3.0	2.5	12.5	-	1.3	1.9	1.4	1.3	1.6	13.2
24	3.8	3.6	3.4	4.8	4.5	4.2	30.0	15.0	7.5	6.2	5.9	1.3	2.3	0.8	11.3
25	2.0	2.0	1.5	3.7	5.9	3.7	9.0	2.5	2.5	7.7	10.8	9.1	5.9	0.7	8.4
26	1.0	0.0	0.4	0.4	0.8	0.6	0.0	0.0	2.5	6.1	3.2	2.4	1.4	0.7	4.2
27	0.4	0.2	0.5	0.2	0.4	0.6	2.5	5.0	5.0	1.2	0.7	0.4	0.6	0.7	4.5
28	0.4	0.3	0.4	0.4	0.9	0.9	7.5	10.0	7.5	1.3	1.8	1.9	1.0	0.1	7.7
29	0.4	0.7	1.6	0.5	2.4	1.3	12.5	12.5	15.0	4.6	-	3.7	4.6	1.3	7.9
30	1.6	2.8	0.0	2.4	5.8	3.6	2.5	25.0	25.0	0.7	-	5.8	4.3	3.2	10.2
31	2.9	4.0	0.4	2.1	3.6	5.7	5.0	15.0	7.5	8.5	-	6.5	8.4	4.3	-

SO2 IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 02	D 03	IC	N 01	N 03	N 09	N 21	N 22	N 23	NL 1	NL 2	NL 3	S 01	S 02	S 03	S 04	S 05	UK 1
1	13	1	0	2	0	7	3	14	4	19	2	5	7	0	5	0	0	0	-
2	11	5	0	0	0	8	2	4	4	12	11	7	6	0	0	0	0	0	-
3	1	6	-	-	0	6	3	3	10	2	1	9	12	0	6	0	92	0	0
4	5	-	0	1	0	7	3	20	2	2	15	9	5	0	0	0	0	0	15
5	14	14	0	-	0	9	8	12	12	4	12	16	29	0	0	0	0	0	17
6	14	24	0	0	0	5	5	3	5	4	12	5	10	0	0	0	0	0	26
7	6	3	0	1	0	5	4	25	3	10	5	14	13	0	0	0	0	0	12
8	5	7	0	-	0	12	13	19	6	2	7	7	11	0	0	0	0	0	25
9	2	7	0	1	0	0	14	3	6	2	0	8	8	0	0	0	0	0	36
10	3	1	0	1	0	0	7	32	11	20	11	5	14	0	0	0	0	0	14
11	9	0	11	-	0	0	7	12	0	5	3	7	13	0	0	0	0	0	19
12	4	3	6	-	11	25	9	8	0	2	5	5	-	0	0	0	0	0	31
13	3	6	7	0	0	1	8	10	0	2	2	3	6	0	0	0	0	0	27
14	2	4	10	0	0	14	9	3	0	8	10	1	3	0	0	0	0	0	8
15	1	0	3	1	3	37	5	9	0	4	8	1	1	0	0	0	0	0	-
16	2	0	0	1	3	33	14	9	0	2	5	3	1	0	0	0	0	0	-
17	1	0	0	-	5	19	14	0	11	29	5	1	2	0	0	0	0	0	10
18	2	4	0	7	6	17	24	16	11	8	10	1	2	94	0	0	0	0	9
19	3	7	0	2	12	25	8	7	14	34	46	7	6	3	0	0	0	0	9
20	2	3	0	2	6	19	13	0	0	22	41	11	6	0	0	0	0	0	12
21	3	0	0	-	4	8	9	12	27	8	7	8	1	0	0	0	0	0	0
22	2	0	0	1	8	0	3	7	17	15	13	8	0	0	0	0	0	0	19
23	0	0	0	1	6	5	7	21	27	7	7	5	0	0	0	0	0	0	18
24	1	7	0	1	5	10	18	30	80	21	20	6	0	0	0	0	0	0	13
25	3	1	0	0	0	13	9	12	9	9	3	4	0	0	0	0	0	0	22
26	0	0	9	-	4	7	3	12	15	0	1	1	1	0	0	0	0	0	8
27	4	3	5	-	3	4	3	17	12	0	6	5	2	0	0	0	0	0	21
28	8	29	3	-	3	2	0	10	35	0	11	23	8	0	0	0	0	0	51
29	4	0	1	-	0	5	2	2	45	11	7	4	8	0	0	0	0	0	39
30	5	0	1	-	0	6	6	22	28	0	9	3	4	0	0	0	0	0	33
31	3	0	-	-	0	13	7	22	12	14	9	10	5	0	0	0	0	0	-

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	IC	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 17	N 18	N 19	N 20	N 21	N 22
1	-	29	6	98	64	39	9	58	32	-	-	14	-	-	28	48	33	49
2	34	18	24	17	57	41	9	9	19	2	-	10	-	20	52	11	16	13
3	-	-	-	-	1	-	-	-	1	2	23	-	-	-	-	-	-	-
4	7	45	37	-	23	53	42	16	16	-	31	-	-	-	-	-	-	-
5	-	-	-	-	9	9	23	92	0	-	0	-	-	-	-	-	-	-
6	1	-	-	-	139	-	62	100	-	-	-	-	-	-	-	-	-	-
7	4	-	-	-	14	-	9	22	-	26	1	17	32	-	17	-	30	9
8	-	-	-	-	-	-	5	7	-	12	0	-	-	25	-	15	7	-
9	2	17	18	69	13	10	15	17	22	-	0	1	-	-	40	10	10	8
10	-	-	-	-	-	-	-	3	-	13	6	4	2	20	-	-	-	-
11	3	-	-	-	-	-	-	8	-	3	3	-	-	-	-	-	-	-
12	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
13	2	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-
14	1	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-
15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	9	1	-	-	-	-	-	-	-
18	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
19	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	18	33	28	-	19	45	21	5	9	-	-	-	-	-	-	-	-	-
24	4	-	3	11	-	-	14	1	10	-	-	4	31	-	58	6	-	62
25	-	25	20	46	3	11	2	11	22	-	-	13	48	1	-	37	56	16
26	-	6	3	15	5	2	-	-	6	-	10	-	3	2	12	0	-	14
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	0	12	5	20	-	-	9	3	10	3	-	-	-	1	-	7	12	46
29	-	71	2	18	-	8	-	-	12	-	2	11	36	4	27	9	3	35
30	-	47	4	115	45	85	81	37	32	3	-	-	-	-	-	-	2	39
31	-	16	24	-	6	23	104	53	39	4	-	12	32	40	47	26	55	77

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 23	S 01	S 04	S 05	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1
1	15	26	-	-	-	3	-	-	-	17
2	11	-	3	9	-	-	-	-	-	9
3	-	13	-	16	35	-	-	-	-	2
4	41	-	-	4	31	14	-	33	-	-
5	-	-	-	-	-	93	6	12	-	-
6	-	-	21	-	13	17	10	19	-	-
7	-	-	6	4	-	-	-	-	26	12
8	-	27	-	23	-	10	87	39	-	20
9	24	40	-	2	-	-	25	-	13	-
10	-	23	65	43	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	8	-
12	-	-	-	2	20	4	-	26	11	-
13	-	-	-	-	-	7	-	11	21	-
14	-	-	-	-	-	-	4	-	13	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	1	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	12	-	-	-	-	-	-	-	-
20	-	-	-	-	7	6	5	9	-	-
21	-	-	-	-	-	-	-	-	-	19
22	-	-	-	-	-	-	-	-	-	13
23	29	-	-	5	-	-	-	-	-	9
24	7	32	-	-	-	-	-	-	2	-
25	10	-	-	-	-	-	-	9	-	-
26	28	-	41	-	-	43	24	-	-	-
27	-	8	-	-	-	-	-	-	-	-
28	33	26	-	-	-	-	-	-	-	34
29	10	77	-	-	-	-	-	-	-	-
30	14	-	-	-	-	-	-	-	-	-
31	31	14	-	-	-	5	-	-	-	134

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 72

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	IC 1	N 01	N 03	N 09	N 21	N 22	N 23	NL 1	NL 2	NL 3	S 03	S 04	S 05	SF 2	SF 5	UK 1
1	0.5	7.7	10.5	3.5	3.0	10.1	8.5	10.0	12.5	12.5	10.9	12.2	7.7	-	-	4.0
2	0.2	10.4	7.9	10.2	7.0	17.5	13.4	15.0	12.5	12.5	12.7	4.1	5.0	-	-	4.0
3	0.2	1.1	0.0	0.7	0.8	5.2	1.5	7.5	7.5	5.0	9.8	7.6	2.4	-	-	6.0
4	-	1.6	1.3	0.5	0.4	3.5	2.7	20.0	12.5	25.0	0.1	1.1	0.0	-	-	3.0
5	0.0	0.4	0.1	2.3	1.4	1.9	1.0	15.0	10.0	7.5	3.7	3.2	1.0	-	-	3.0
6	0.2	3.6	7.1	2.2	0.8	6.6	4.5	15.0	10.0	10.0	2.7	1.9	0.6	-	-	3.0
7	-	2.9	2.7	3.2	1.8	15.9	1.2	17.5	15.0	12.5	12.2	9.0	10.3	19.0	8.0	3.0
8	0.0	2.8	1.9	1.7	3.2	10.8	4.9	10.0	10.0	10.0	15.2	7.9	14.5	13.8	4.6	1.0
9	0.5	2.0	0.8	1.0	1.1	4.2	3.1	12.5	10.0	5.0	4.9	5.0	5.5	14.0	7.6	2.0
10	0.5	0.7	0.1	0.4	0.3	1.7	1.2	12.5	10.0	5.0	3.1	3.6	1.3	10.6	6.0	4.0
11	0.2	0.4	0.0	0.2	0.1	1.0	0.7	7.5	10.0	7.5	1.3	1.4	0.0	8.4	1.7	8.0
12	0.0	0.0	0.1	0.1	0.1	0.6	0.2	35.0	25.0	25.0	1.0	0.0	0.1	2.2	1.1	11.0
13	0.0	0.0	3.1	2.4	1.6	4.5	2.6	47.5	42.5	70.0	0.7	0.5	0.0	1.9	3.4	9.0
14	0.0	0.0	0.9	0.9	0.9	2.4	1.6	35.0	27.5	20.0	3.0	1.8	0.6	3.9	1.6	13.0
15	0.0	0.0	3.2	2.8	0.8	0.1	1.3	10.0	10.0	17.5	10.0	3.0	3.1	4.8	1.9	7.0
16	0.0	0.0	2.3	1.3	1.1	1.3	3.4	7.5	5.0	17.5	3.1	3.1	2.5	5.0	3.2	11.0
17	1.4	0.0	0.1	0.6	1.2	5.1	3.0	20.0	17.5	12.5	4.7	8.5	1.1	8.7	3.3	5.0
18	0.7	0.0	0.0	0.3	0.1	0.8	0.2	2.5	15.0	2.5	1.0	1.8	0.0	20.3	1.5	4.0
19	1.9	0.0	0.0	0.3	0.1	0.7	0.6	2.5	0.0	2.5	1.1	0.5	0.2	8.7	0.3	8.0
20	1.0	0.0	0.3	0.7	0.1	1.7	0.9	20.0	7.5	15.0	1.2	1.8	0.0	8.8	1.1	5.0
21	1.7	0.0	0.7	0.6	-	2.2	0.4	2.5	2.5	2.5	1.3	-	0.0	9.1	0.4	4.0
22	2.2	-	0.1	0.5	0.1	2.2	0.8	2.5	2.5	2.5	1.6	0.5	0.4	1.9	0.4	9.0
23	0.5	0.0	0.4	0.6	0.0	1.8	0.3	7.5	2.5	5.0	0.6	0.2	0.4	4.6	0.6	-
24	2.6	0.0	0.2	0.2	0.1	0.1	0.1	10.0	2.5	2.5	0.1	0.1	0.0	2.3	0.8	11.0
25	0.5	0.0	0.0	0.3	0.1	0.9	0.5	5.0	2.5	5.0	0.0	0.4	0.1	1.2	1.4	12.0
26	0.7	0.3	1.1	1.4	-	1.4	0.7	2.5	7.5	2.5	0.0	0.1	0.4	2.6	1.3	2.0
27	1.4	1.4	1.1	0.4	0.2	1.0	1.2	7.5	10.0	7.5	0.1	0.8	1.1	2.9	2.7	2.0
28	4.3	1.5	2.1	2.3	0.1	3.4	-	12.5	10.0	7.5	0.2	0.0	1.7	2.7	1.3	5.0
29	1.0	1.0	1.4	3.1	1.1	3.3	0.6	15.0	12.5	10.0	1.9	2.8	0.5	2.2	0.4	6.0
30	0.5	2.4	2.1	2.7	3.2	2.3	0.8	17.5	10.0	12.5	1.6	0.5	1.0	0.6	0.3	5.0
31	0.0	2.8	4.8	17.8	3.0	2.8	1.4	7.5	10.0	10.0	1.9	1.7	0.5	3.4	1.0	6.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 72

SO2 IN AIR (MICROGRAMS PER M3)

DATE	S 04	S 05	SF 2	SF 5	UK 1
1	25	0	10	11	3
2	27	0	14	0	0
3	27	0	12	8	0
4	33	0	15	10	2
5	48	0	27	7	0
6	32	0	30	9	11
7	26	0	18	8	15
8	28	0	27	0	20
9	30	0	18	0	15
10	23	0	19	0	28
11	24	0	16	13	8
12	25	0	34	15	43
13	35	0	8	0	12
14	19	0	13	0	7
15	0	0	18	0	16
16	0	26	13	0	53
17	0	3	0	0	22
18	0	0	11	5	7
19	4	30	5	7	10
20	0	0	36	5	30
21	0	30	40	5	21
22	0	0	13	5	32
23	0	20	5	5	5
24	0	0	8	9	5
25	0	17	-	5	-
26	0	32	-	15	43
27	0	4	-	17	43
28	0	0	-	6	29
29	0	29	-	10	89
30	0	23	-	5	31

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	IC 1	N 01	N 03	N 09	N 21	N 22	N 23	NL 1	NL 2	NL 3	S 03	S 04	S 05	SF 2	SF 5	UK 1
1	0.5	-	4.3	8.4	4.8	7.3	7.1	10.0	10.0	-	2.4	3.0	2.2	3.7	2.0	8.0
2	0.2	5.6	6.8	0.5	5.1	2.5	1.5	12.5	10.0	-	4.8	1.3	0.0	2.5	0.4	10.0
3	0.2	0.1	0.2	0.5	0.2	2.0	0.5	30.0	17.5	-	1.6	1.8	0.2	2.3	0.1	8.0
4	1.2	0.3	0.3	1.6	0.5	0.8	0.6	5.0	2.5	12.5	0.0	0.0	0.2	0.6	0.0	3.0
5	1.2	0.8	1.7	2.3	1.4	2.0	0.7	7.5	2.5	2.5	1.8	1.1	0.1	3.2	0.2	6.0
6	0.7	1.7	4.3	6.7	1.3	5.8	1.2	32.5	30.0	10.0	4.6	2.4	6.5	7.8	1.5	22.0
7	0.5	8.3	4.6	0.2	8.3	15.2	7.6	77.5	50.0	40.0	15.5	9.1	7.6	6.2	3.7	11.0
8	0.5	0.2	0.1	0.5	0.0	1.2	0.3	32.5	20.0	15.0	5.0	10.0	2.2	23.4	11.3	8.0
9	0.5	3.4	1.8	0.7	0.5	9.7	6.7	30.0	22.5	12.5	12.8	7.1	1.9	3.9	2.4	5.0
10	0.2	0.2	0.3	0.2	0.2	0.5	0.2	5.0	2.5	2.5	4.6	12.5	2.5	17.0	3.3	3.0
11	0.0	0.2	0.5	0.0	0.1	0.7	0.3	15.0	5.0	7.5	0.0	2.8	0.4	11.0	11.5	2.0
12	0.2	0.1	0.3	0.0	0.1	0.9	0.1	12.5	10.0	5.0	0.5	1.0	0.4	2.7	12.7	6.0
13	0.5	0.3	0.1	0.3	0.3	2.0	0.5	17.5	7.5	7.5	1.0	0.5	0.2	3.6	1.7	3.0
14	0.2	0.6	0.1	0.2	0.1	2.7	0.8	15.0	7.5	2.5	1.8	1.3	0.5	3.4	2.6	2.0
15	0.7	0.4	0.5	0.3	0.6	1.3	0.7	2.5	0.0	2.5	1.6	3.1	0.7	17.4	1.4	6.0
16	0.7	0.7	1.7	4.2	7.5	4.9	1.9	2.5	0.0	2.5	0.7	10.2	1.1	16.9	2.7	9.0
17	0.2	4.7	4.0	6.2	6.8	6.9	8.7	10.0	7.5	5.0	3.1	3.4	0.5	8.3	0.7	5.0
18	1.4	2.9	5.4	1.9	1.7	3.1	2.2	15.0	5.0	7.5	0.4	0.2	0.0	1.1	0.6	4.0
19	1.4	4.6	4.4	0.4	1.3	8.2	6.9	37.5	15.0	17.5	7.8	0.7	0.0	0.8	1.1	15.0
20	0.7	3.0	6.6	4.8	3.0	12.9	3.2	27.5	15.0	22.5	4.3	4.6	0.1	2.7	1.6	18.0
21	0.2	4.9	0.5	0.6	2.2	0.0	8.1	30.0	27.5	15.0	6.8	7.6	0.5	10.9	2.6	10.0
22	0.7	0.1	0.2	0.2	0.1	0.4	0.2	42.5	20.0	20.0	0.0	1.9	0.0	5.3	3.0	21.0
23	1.4	0.1	0.1	0.1	0.2	0.6	0.1	2.5	2.5	2.5	0.1	0.0	0.0	1.1	0.8	6.0
24	2.9	0.1	0.2	0.9	0.4	0.7	0.2	2.5	0.0	2.5	0.2	0.4	0.4	3.7	1.0	1.0
25	8.2	3.5	1.1	2.1	0.6	2.5	2.2	5.0	2.5	2.5	1.1	1.1	0.5	14.7	0.6	-
26	4.1	0.6	1.0	1.0	0.8	3.8	1.7	5.0	5.0	7.5	0.7	0.4	0.0	6.3	1.4	10.0
27	0.5	0.6	0.7	0.8	0.2	0.6	0.6	7.5	5.0	5.0	0.0	0.4	0.4	1.5	10.5	16.0
28	0.7	0.8	1.1	1.9	0.2	1.3	0.5	5.0	2.5	0.0	0.2	0.2	0.2	4.8	0.0	16.0
29	0.5	1.3	1.2	0.5	0.6	2.0	3.0	7.5	2.5	12.5	0.1	1.1	0.1	3.2	3.9	21.0
30	0.5	0.6	0.0	0.1	1.5	1.5	1.6	17.5	7.5	27.5	0.7	1.8	0.5	1.8	2.0	15.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 72

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), WHEN CORRECTED FOR SEA-SPRAY MARKED WITH ASTERISKS

DATE	S 01	S 02	S 03	S 04	S 05	S 06	S 07	S 08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-
4	-	-	-	2.1	-	-	-	-	-	-	1.8	4.1	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	21.3	-	-	-	-	-	-	-	-	1.7	1.3	-	-
7	-	21.3	-	-	-	-	-	-	-	-	-	-	-	-
8	-	21.3	-	-	-	-	-	-	-	-	-	9.9	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	2.1	12.3
10	-	-	-	-	-	-	-	-	-	-	-	-	0.3	10.3
11	-	-	7.6	5.0	0.0	-	-	-	2.2	-	-	6.9	3.3	-
12	-	-	-	2.3	-	-	-	-	4.8	3.9	-	-	7.2	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	1.3	-	-	-	-	-	0.5	-	5.7	-
16	-	-	-	-	0.0	-	-	-	-	-	-	-	0.0	-
17	-	-	-	0.0	-	-	-	5.3	1.0	-	-	0.4	0.0	-
18	-	11.0	1.7	-	0.0	-	-	5.9	-	-	1.2	-	-	-
19	4.9	11.0	-	0.0	1.2	3.7	-	0.6	0.0	-	4.8	-	0.0	-
20	-	2.4	1.0	-	0.0	-	-	-	1.9	-	1.2	0.6	-	-
21	-	2.4	-	-	-	-	-	-	2.3	1.4	4.4	-	0.0	-
22	-	2.4	0.0	-	0.0	-	-	0.7	-	-	-	4.1	2.6	-
23	4.8	-	-	0.0	0.0	1.7	-	10.0	1.1	-	0.9	-	-	-
24	-	-	-	-	-	-	-	-	9.3	0.9	2.3	0.5	0.5	-
25	-	-	-	-	0.0	-	-	-	2.3	1.6	-	2.3	0.5	-
26	-	-	-	-	-	-	-	-	-	4.0	1.5	0.6	1.3	-
27	-	22.0	-	-	-	-	-	-	-	-	-	-	-	-
28	14.8	22.0	-	-	-	-	11.0	-	-	-	-	-	-	-
29	-	22.0	-	-	7.9	-	17.4	-	-	8.1	-	12.9	-	7.3
30	-	-	-	2.0	3.9	-	8.7	-	-	6.5	-	2.5	-	6.6
31	-	-	5.3	-	-	-	-	-	1.2	2.7	3.6	4.7	-	-

PH IN PRECIPITATION.

DATE	D 01	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 17	N 18	N 19	N 20	N 21	N 22	N 23
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	5.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	5.80	-	4.15	-	-	-	3.45	4.10	-	4.90	5.35	6.20	4.35	4.30	-	-	-	3.70	-
5	-	4.90	-	-	-	-	-	-	5.85	-	5.95	5.20	-	-	-	-	-	-	-	-
6	-	-	-	-	6.30	-	7.15	-	7.15	-	-	5.20	-	5.05	4.55	-	-	-	-	-
7	-	5.60	-	-	-	-	-	-	-	-	-	3.75	6.40	-	-	-	-	-	-	-
8	-	6.20	-	-	-	-	-	-	5.42	-	-	4.35	6.55	-	-	-	-	-	-	-
9	-	-	-	-	6.70	-	-	-	-	-	-	5.65	4.35	6.40	-	-	-	-	-	-
10	-	6.70	-	-	-	-	-	3.95	3.90	-	4.85	4.95	4.35	4.10	-	-	6.15	-	-	-
11	-	5.90	-	-	6.55	3.58	-	6.25	4.80	-	6.05	-	4.80	4.15	5.65	6.35	-	-	-	-
12	-	6.10	-	-	-	-	-	-	-	-	-	5.55	-	-	-	-	-	-	-	-
13	-	6.20	-	-	-	-	-	-	-	-	5.70	5.85	-	-	-	-	-	-	-	-
14	-	5.60	-	-	-	-	-	-	-	-	5.85	4.80	-	-	-	-	-	-	-	-
15	-	6.40	-	-	-	-	-	-	-	-	5.45	5.05	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	5.55	-	5.05	5.35	-	-	-	-	-	-	-
17	-	5.20	-	-	-	-	-	-	6.55	-	5.40	5.30	6.75	-	-	-	-	-	-	-
18	-	-	-	-	-	6.25	-	5.75	5.55	-	5.25	5.45	-	-	-	-	-	-	-	-
19	4.40	-	-	-	-	-	6.95	-	6.40	-	5.55	6.00	-	-	-	-	-	-	-	-
20	4.20	-	-	-	-	-	-	-	-	-	5.40	-	-	-	-	-	-	-	-	-
21	4.30	5.40	-	-	6.10	5.70	6.10	5.60	5.45	5.80	6.65	-	-	4.85	4.00	-	5.75	-	-	5.05
22	4.40	-	5.25	4.80	5.70	4.85	5.55	5.80	5.55	5.20	6.30	5.15	5.50	-	6.80	-	5.40	4.80	5.50	-
23	4.20	4.90	5.25	5.25	6.35	6.60	5.65	5.70	5.35	5.60	5.95	5.30	6.25	-	-	-	-	-	-	-
24	-	6.90	-	-	-	5.75	6.00	5.35	5.45	-	5.65	5.70	-	-	-	-	-	-	-	-
25	4.20	6.90	-	5.90	-	6.20	5.75	4.65	4.65	-	6.05	5.10	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	4.50	-	-	6.60	-	-	-	-	6.05	-	-	-	-
27	-	5.40	-	-	-	-	-	-	-	-	-	-	3.90	-	-	-	3.50	3.70	-	-
28	-	6.30	3.80	3.90	3.90	-	3.65	4.00	4.30	4.00	-	-	-	4.20	-	3.75	3.75	-	3.95	-
29	-	6.50	3.90	4.00	5.85	-	4.10	4.30	4.15	3.95	-	-	-	4.15	-	-	4.20	3.85	5.00	-
30	4.30	-	4.15	4.25	4.45	-	4.15	4.30	4.75	4.10	4.35	4.90	-	3.80	4.00	3.60	-	4.35	3.80	4.10
31	-	6.30	4.35	4.55	5.90	-	4.49	-	-	4.70	-	6.00	-	-	-	-	-	-	6.85	4.50

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

OCTOBER 72

SO2 IN AIR (MICROGRAMS PER M3)

DATE	S 01	S 02	S 03	S 04	S 05	S 06	S 07	S 08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1
1	13	0	0	0	13	-	-	-	-	8	-	-	5	17
2	4	0	0	0	0	-	-	-	122	18	70	47	13	26
3	0	0	0	0	0	-	-	-	23	21	8	15	10	31
4	25	0	0	0	24	-	-	-	15	42	0	11	7	36
5	0	0	0	0	0	-	-	-	13	18	0	10	7	23
6	0	0	0	0	0	-	-	-	15	32	0	0	5	33
7	0	0	0	55	0	-	-	-	8	16	0	0	5	41
8	0	0	0	0	0	-	-	-	23	24	0	11	10	17
9	0	0	0	0	9	-	-	-	15	16	0	0	6	17
10	0	0	0	0	0	-	-	-	18	37	8	12	0	18
11	0	0	0	0	0	-	-	-	16	17	16	0	0	15
12	0	0	0	0	0	-	-	-	16	14	16	0	0	-
13	32	0	0	0	0	-	-	-	8	13	8	0	5	4
14	0	0	0	0	0	-	-	-	0	11	0	0	0	-
15	0	0	0	0	0	-	-	-	0	5	0	0	0	9
16	0	0	0	0	0	-	-	-	24	31	30	15	15	3
17	0	0	0	0	0	-	-	0	15	8	26	15	17	5
18	0	0	0	0	0	0	-	0	28	5	33	17	17	7
19	0	0	0	0	0	0	-	0	33	0	27	13	16	3
20	0	0	0	0	0	0	-	0	33	0	28	13	14	3
21	0	0	0	0	0	0	-	0	28	0	28	13	15	25
22	0	0	0	0	0	0	-	72	15	0	20	11	15	12
23	0	0	0	0	0	-	-	0	8	10	12	0	15	35
24	0	0	0	0	0	0	0	0	11	10	0	0	16	36
25	0	0	0	0	0	0	0	0	10	16	0	0	10	40
26	0	0	0	0	0	0	0	0	0	13	0	0	0	60
27	0	0	0	0	0	0	0	0	11	8	7	0	0	31
28	0	0	0	0	0	0	0	0	34	16	0	0	0	27
29	0	0	0	22	0	0	104	0	15	11	0	0	0	15
30	0	0	0	22	0	0	0	0	8	16	11	7	7	35
31	0	0	0	22	0	0	0	0	8	28	7	0	2	59

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	DK 1	DK 2	DK 3	DK 5	DK 6	IC 1	N 01	N 03	N 09	N 21	N 22	N 23	NL 1	NL 2	NL 3	S 03	S 04	S 05
1	-	-	-	-	-	1.0	1.3	1.5	0.3	2.0	3.2	2.3	22.5	15.8	25.8	2.6	2.3	9.0
2	-	-	-	-	-	0.7	2.4	2.5	0.4	1.9	10.4	6.1	19.2	17.5	20.8	3.4	4.3	14.8
3	-	-	-	-	-	0.7	4.4	3.5	1.1	3.4	12.6	0.2	15.0	12.5	15.0	6.1	8.3	9.6
4	-	-	-	-	-	0.2	11.4	9.3	0.2	3.1	27.6	7.3	16.6	15.8	20.8	13.2	7.8	1.1
5	-	-	-	-	-	0.2	0.7	8.8	0.0	0.3	13.0	1.2	-	21.6	17.5	13.0	7.8	0.7
6	-	-	-	-	-	0.5	1.5	0.4	0.7	0.3	2.9	-	35.0	56.6	63.3	8.0	2.9	2.0
7	-	-	-	-	-	0.5	6.6	26.2	0.0	0.5	43.8	0.1	38.3	45.8	37.5	18.7	5.3	5.8
8	-	-	-	-	-	0.2	17.1	9.7	22.5	5.8	61.4	0.0	24.2	44.1	21.6	18.7	22.2	6.7
9	-	-	-	-	-	0.2	3.6	33.4	17.9	4.0	54.6	-	27.5	25.0	14.1	16.0	22.1	7.2
10	-	-	-	-	-	0.0	23.0	15.1	13.6	8.9	49.9	24.8	55.8	29.1	25.0	13.7	19.6	4.7
11	-	-	-	-	-	0.2	6.2	0.1	0.4	0.3	11.0	6.8	25.0	17.5	11.6	6.6	6.9	0.8
12	-	-	-	-	-	0.5	0.3	0.2	0.3	0.2	1.0	0.4	7.5	2.5	1.6	0.8	4.4	1.1
13	-	-	-	-	-	1.2	1.2	0.4	1.0	0.5	7.6	3.9	3.3	0.8	0.8	8.0	10.8	1.2
14	-	-	-	-	-	1.0	0.8	0.1	1.0	0.1	9.7	2.6	11.7	10.0	6.6	5.6	7.9	1.3
15	-	-	-	-	-	1.2	0.7	0.2	1.5	0.5	1.7	0.6	9.2	4.6	2.5	1.9	1.9	0.6
16	-	-	-	-	-	0.5	0.6	0.2	1.7	0.3	3.3	1.1	3.3	5.0	3.3	1.7	2.3	0.6
17	-	-	-	-	-	1.2	0.3	0.6	0.3	0.1	0.8	0.4	12.5	5.0	3.3	0.8	1.1	0.6
18	-	-	-	-	-	1.4	0.2	0.0	0.0	0.2	0.9	0.3	3.3	2.5	0.8	0.9	1.4	0.0
19	-	-	-	-	-	0.7	0.4	0.5	0.0	0.1	0.3	0.3	4.6	1.6	0.8	0.6	1.9	1.0
20	-	-	-	-	-	1.5	0.1	0.0	0.3	0.1	0.4	0.1	2.5	0.0	0.8	0.7	2.0	1.1
21	-	-	-	-	-	1.5	0.1	0.3	2.6	0.1	0.2	0.4	2.5	0.0	0.8	1.3	1.0	0.8
22	-	-	-	-	-	1.0	0.4	0.2	1.0	0.4	4.8	0.7	5.0	1.6	3.3	1.7	2.5	0.8
23	-	-	-	-	-	0.5	0.2	0.1	0.8	0.1	0.9	0.0	3.3	2.5	4.6	0.7	2.5	1.4
24	-	-	-	-	-	0.2	0.3	0.1	0.0	0.0	1.0	0.2	4.6	3.3	4.6	0.2	1.1	1.8
25	-	-	-	-	-	0.0	1.9	0.3	0.8	0.1	4.5	1.9	18.3	12.5	6.6	2.0	2.6	0.7
26	-	-	-	-	-	0.5	2.5	2.2	2.6	0.4	18.7	3.5	20.8	19.1	13.3	5.9	1.0	0.5
27	-	-	-	-	-	0.0	19.6	14.0	7.2	3.3	15.4	25.4	11.7	10.0	6.6	15.2	2.6	1.3
28	-	-	-	-	-	0.2	9.7	13.1	11.6	4.2	39.5	13.1	10.8	4.6	5.0	17.4	13.2	2.2
29	-	-	-	-	-	0.0	10.0	0.9	3.7	0.7	14.7	4.5	9.2	11.6	5.8	9.6	12.1	2.5
30	-	7.1	11.9	1.8	-	0.2	1.9	3.0	0.0	0.9	14.0	4.7	20.8	14.1	8.3	7.1	5.4	0.8
31	0.5	1.4	20.8	0.7	9.6	0.2	1.2	1.2	5.0	1.2	11.7	1.3	27.5	19.1	11.6	9.0	5.4	1.2

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1
1	-	3.7	-	-	1.6	14.0
2	1.6	5.1	3.6	1.9	1.2	16.0
3	10.5	6.0	4.3	6.2	9.1	13.0
4	11.8	9.7	8.5	5.0	2.8	16.0
5	4.7	2.8	2.2	0.6	0.2	9.0
6	3.5	2.7	1.6	1.1	0.6	13.0
7	3.2	5.3	3.7	2.2	1.1	14.0
8	27.1	6.9	3.3	6.7	0.8	8.0
9	21.9	8.9	6.2	9.0	5.0	11.0
10	12.5	16.5	8.8	1.0	2.7	5.0
11	20.8	15.9	9.6	13.9	0.6	16.0
12	-	6.3	8.0	10.7	0.9	-
13	7.7	7.9	4.7	9.6	10.4	1.0
14	6.9	5.8	3.4	6.7	12.3	1.0
15	1.8	2.1	1.5	1.6	1.5	1.0
16	1.0	12.8	1.0	0.6	0.5	1.0
17	1.3	1.6	0.4	0.3	0.5	4.0
18	1.3	0.5	0.9	0.9	1.0	2.0
19	1.9	1.8	2.8	2.2	1.1	7.0
20	2.5	2.6	4.6	3.0	0.9	4.0
21	0.7	8.3	4.1	3.2	2.1	5.0
22	1.8	2.2	14.5	9.7	1.5	4.0
23	1.3	6.4	11.1	1.0	6.7	3.0
24	3.7	3.2	2.9	0.7	6.5	5.0
25	1.3	2.6	1.3	0.8	3.4	8.0
26	1.5	2.9	0.7	0.7	1.1	12.0
27	4.8	3.8	1.1	0.9	0.6	5.0
28	27.0	2.7	3.0	2.5	0.6	3.0
29	9.9	5.4	1.0	5.5	1.1	3.0
30	7.2	3.3	3.0	1.4	1.6	6.0
31	5.5	9.5	3.7	1.7	1.4	11.0

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	IC	1 N	01 N	03 N	05 N	06 N	07 N	08 N	09 N	10 N	14 N	15 N	16 N	17 N	18 N	19 N	20 N	21 N	22
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	52	31	2	-	-	-	-	-	-
4	10	-	2	-	-	-	-	22	30	-	16	3	2	4	2	-	-	-	4
5	1	-	-	-	-	-	-	-	14	-	1	-	-	-	-	-	-	-	-
6	-	-	-	3	-	4	-	2	-	-	-	-	-	9	9	-	-	-	-
7	2	-	-	-	-	-	-	-	-	-	-	34	-	-	-	-	-	-	-
8	1	-	-	-	-	-	-	-	2	-	-	14	2	-	-	-	-	-	-
9	-	-	-	3	-	-	-	-	-	-	4	13	2	-	-	-	-	-	-
10	-	-	-	-	-	-	-	27	29	-	23	3	11	3	-	-	6	-	-
11	1	-	-	3	7	-	1	9	-	1	-	17	43	4	77	-	-	5	-
12	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	4	1	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	1	6	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	5	4	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	8	-	2	4	-	-	-	-	-	-	-
17	82	-	-	-	-	-	-	-	0	-	4	-	3	-	-	-	-	-	-
18	-	-	-	-	3	-	2	8	-	4	1	-	-	-	-	-	-	-	-
19	-	-	-	-	-	1	-	0	-	4	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
21	-	-	-	5	3	0	0	5	1	-	-	-	-	10	62	-	2	-	-
22	-	9	4	2	6	8	4	-	5	-	-	1	2	-	-	16	3	2	19
23	4	1	1	1	38	3	9	11	1	4	1	2	-	-	-	-	-	-	-
24	44	-	-	-	8	0	2	5	-	1	1	-	-	-	-	-	-	-	-
25	1	-	3	-	4	3	22	35	-	-	3	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	5	-	-	1	-	-	-	-	3	-	-	-
27	3	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	13	30	-
28	-	64	32	66	-	35	39	23	28	-	-	-	-	12	-	19	21	-	-
29	0	31	38	15	-	19	42	78	-	-	-	-	9	-	10	-	-	2	33
30	-	27	24	23	-	23	18	36	-	4	6	-	11	8	-	-	-	5	28
31	1	8	15	7	-	18	-	-	-	-	-	0	-	-	-	-	-	-	7

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 23	N 24	S 01	S 03	S 04	S 05	S 06	S 07	08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	9	-	-	3	-	-	-	-	-	-	6	14	-	-
5	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-
9	-	3	-	-	-	-	-	-	-	-	-	-	-	2	25
10	-	121	-	-	-	-	-	-	-	-	-	-	-	1	31
11	-	-	-	91	6	-	-	-	-	9	-	-	14	68	-
12	-	-	-	-	18	-	-	-	-	6	37	-	-	34	-
13	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	1	-	-	-	-	-	10	-	26	-
16	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	2	-	-	-	-	-	-	12	1	-	-	1	-	-
18	-	3	-	9	-	-	-	-	5	-	-	2	-	-	-
19	-	3	15	-	-	1	5	-	4	-	-	9	-	-	-
20	-	-	-	7	-	-	-	-	-	1	-	2	2	-	-
21	14	0	-	-	-	-	-	-	-	1	3	3	-	-	-
22	7	2	-	-	-	-	-	-	1	-	-	-	12	3	-
23	-	2	43	-	-	-	6	-	71	13	-	4	-	-	-
24	-	4	-	-	-	-	-	-	-	7	9	11	6	5	-
25	-	25	-	-	-	-	-	-	-	2	2	-	3	0	-
26	-	-	-	-	-	-	-	-	-	-	4	2	3	2	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	81	9	15	-	-	-	-	4	-	-	-	-	-	-	-
29	6	38	-	-	-	21	-	10	-	-	6	-	27	-	6
30	31	7	-	-	16	5	-	8	-	-	12	-	10	-	20
31	2	45	-	103	-	-	-	-	-	4	5	20	9	-	-

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), WHEN CORRECTED FOR SEA-SPRAY
 MARKED WITH ASTERISKS

DATE	S 01	S 02	S 03	S 04	S 05	S 06	S 07	S 08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1
1	31.9	4.5	3.6	5.9	0.0	9.6	1.4	5.0	1.9	1.8	-	1.7	-	-
2	-	13.5	-	3.4	-	-	2.4	-	5.9	-	-	-	-	-
3	15.8	13.5	-	-	-	-	-	7.0	2.6	0.7	1.7	0.8	0.2	-
4	-	11.5	-	-	-	-	-	5.0	-	-	2.4	-	-	-
5	-	11.5	-	3.2	-	-	-	-	1.1	1.5	3.3	1.4	-	-
6	-	11.5	-	3.6	-	13.5	3.9	5.8	2.2	-	1.0	2.2	0.6	1.8
7	3.8	4.8	-	-	-	1.4	-	1.3	-	3.3	1.0	-	0.5	1.9
8	-	4.8	-	-	-	-	-	-	-	-	-	-	0.3	-
9	4.8	4.3	-	-	0.0	-	2.2	5.0	-	-	-	-	0.0	2.5
10	9.6	4.3	1.3	1.4	2.4	6.1	1.0	6.6	3.2	3.9	3.3	2.6	0.0	1.7
11	6.0	8.7	-	-	1.9	-	-	-	-	-	-	2.4	0.0	-
12	4.3	8.7	0.7	7.7	3.7	-	-	1.7	1.4	3.7	3.5	2.2	-	1.8
13	1.4	8.7	3.2	-	1.8	2.5	-	1.9	-	2.8	9.0	-	-	-
14	-	1.6	-	5.9	0.0	-	0.0	2.8	-	-	1.8	-	-	-
15	2.9	1.6	-	5.3	-	-	-	-	-	-	2.3	2.2	0.0	4.8
16	-	5.8	-	6.7	-	2.0	-	-	-	-	2.3	-	0.5	6.2
17	-	5.8	1.5	-	-	4.4	-	-	-	1.8	2.5	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	1.2	0.6	6.8
19	-	-	-	-	-	-	-	-	-	-	-	-	0.9	5.5
20	5.8	-	3.6	2.2	-	5.8	-	8.3	-	-	-	-	0.8	-
21	6.1	2.6	2.2	10.3	2.1	4.4	1.3	6.8	-	5.7	3.5	-	-	-
22	-	2.6	-	3.7	1.2	6.2	2.9	10.4	-	-	1.1	0.6	0.8	-
23	7.9	-	-	-	-	4.9	3.3	-	5.7	1.7	1.1	0.8	-	-
24	-	-	-	-	0.0	-	0.0	-	6.5	-	-	-	-	-
25	-	-	-	-	0.0	-	-	2.4	-	-	-	0.5	0.4	4.1
26	-	-	-	-	0.0	-	-	2.5	-	1.5	-	1.4	-	-
27	-	14.1	0.7	-	-	-	-	1.7	-	-	4.2	2.3	0.7	4.8
28	9.1	14.1	-	-	-	-	-	-	-	1.9	1.5	1.8	-	-
29	3.4	31.0	4.1	-	-	-	1.6	-	-	0.0	2.1	1.4	-	0.3
30	5.8	-	4.2	4.6	0.0	-	1.7	7.2	2.9	1.7	0.7	-	-	-

PH IN PRECIPITATION.

DATE	D 01	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 17	N 18	N 19
1	-	5.80	4.50	4.75	-	4.25	4.40	4.75	4.65	-	4.75	5.20	5.05	4.30	4.60	-
2	-	5.70	-	4.50	-	4.45	3.90	4.75	4.30	-	5.00	5.15	5.15	4.40	4.95	-
3	3.40	5.60	-	-	-	6.30	-	4.95	5.15	-	5.40	5.40	-	-	-	-
4	-	5.30	-	5.12	-	5.60	5.70	5.10	5.60	-	5.55	5.45	-	-	-	-
5	3.80	5.90	-	-	-	5.05	-	5.25	5.15	-	5.60	5.35	-	-	-	-
6	-	-	4.35	4.75	5.00	4.40	4.20	5.15	5.05	5.85	5.80	5.25	5.60	4.40	4.70	4.90
7	4.20	5.90	-	-	-	-	5.50	5.60	5.20	-	5.30	5.45	-	-	-	-
8	-	-	-	5.70	-	5.10	4.85	5.35	6.05	-	5.90	5.55	-	-	-	-
9	3.90	-	4.50	4.55	4.95	4.30	4.35	4.45	4.55	4.45	6.75	5.55	4.75	-	4.30	-
10	4.40	7.00	4.80	5.10	5.50	5.65	4.85	4.90	5.20	5.20	4.95	5.15	5.45	-	-	-
11	6.50	-	5.60	5.55	-	5.70	5.50	5.25	5.05	-	5.45	5.65	-	-	-	-
12	5.00	-	-	5.95	-	5.60	5.55	5.80	5.40	-	6.10	-	6.90	-	-	-
13	6.70	-	-	-	-	-	-	6.45	5.45	-	5.75	4.62	5.40	6.70	4.35	-
14	6.20	-	-	-	-	5.80	-	5.20	5.40	-	5.55	-	6.65	-	-	-
15	6.10	-	-	6.05	-	5.55	5.60	5.35	5.45	-	6.35	-	-	-	-	-
16	4.90	-	-	6.10	5.60	5.80	5.20	5.25	5.35	-	6.35	4.90	-	-	-	-
17	4.90	-	-	-	-	-	-	-	-	-	5.40	5.15	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	6.55	5.15	-	-	-	-
19	-	-	-	-	-	-	-	5.70	4.06	-	-	5.45	-	-	-	-
20	4.10	-	4.60	4.90	4.80	4.60	4.50	-	-	4.65	-	-	5.95	-	5.80	-
21	4.20	-	4.65	5.65	4.50	-	5.00	-	-	5.05	-	4.70	4.50	4.85	4.45	-
22	4.20	-	-	-	-	4.95	-	-	-	-	-	5.20	-	-	-	6.05
23	4.30	6.40	-	-	-	-	-	-	-	-	-	4.70	-	-	4.75	-
24	-	5.00	-	-	-	-	-	6.55	4.85	-	5.90	5.60	5.20	-	-	-
25	-	5.50	-	-	-	-	4.75	6.00	5.40	-	-	5.55	-	-	-	-
26	-	6.10	-	5.95	-	-	-	4.45	5.35	-	5.75	5.40	-	-	-	-
27	-	5.20	4.10	4.30	-	5.75	4.05	4.70	4.65	6.20	6.15	5.55	6.05	-	5.90	-
28	4.00	-	4.80	4.75	6.10	5.10	5.05	5.10	4.95	5.15	5.80	5.45	-	-	-	-
29	4.00	-	4.25	4.40	-	4.30	4.50	4.75	4.60	4.50	6.35	5.65	6.20	4.95	-	-
30	4.00	-	4.35	4.40	5.10	4.30	4.25	4.65	4.45	4.55	5.25	5.10	5.00	4.30	4.40	-

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	IC	1 N	01 N	03 N	05 N	06 N	07 N	08 N	09 N	10 N	14 N	15 N	16 N	17 N	18 N	19 N	20 N	21 N	22
1	-	3	9	-	21	32	22	28	-	6	-	7	8	8	-	-	-	-	-
2	-	-	7	-	4	15	6	7	-	4	1	2	4	3	-	-	-	-	-
3	8	-	-	-	2	-	2	7	-	5	1	-	-	-	-	-	-	-	-
4	1	-	1	-	3	1	5	5	-	5	-	-	-	-	-	-	-	-	-
5	-	-	-	-	2	-	3	6	-	2	-	-	-	-	-	-	-	-	-
6	-	6	8	2	20	17	5	11	1	2	-	-	1	8	7	8	1	3	5
7	-	-	-	-	-	-	1	3	3	-	2	66	-	-	-	-	-	-	-
8	-	-	2	-	2	4	9	7	-	4	1	-	-	-	-	-	-	-	-
9	-	22	42	4	25	48	47	48	9	5	2	8	-	22	-	-	-	-	-
10	-	7	-	1	4	8	10	8	3	-	2	2	-	-	-	-	-	-	-
11	-	1	2	-	3	2	-	-	-	-	0	-	-	-	-	-	-	-	-
12	-	-	1	-	2	3	1	3	-	0	2	1	-	-	-	-	-	-	-
13	-	-	-	-	-	-	0	1	-	3	1	7	4	15	-	-	-	-	-
14	-	-	-	-	1	-	-	-	-	2	-	0	-	-	-	-	-	-	-
15	-	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
16	-	-	0	5	-	2	1	-	1	0	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-
20	-	34	15	16	41	30	-	-	12	-	-	4	-	7	-	12	-	-	-
21	-	1	1	4	-	4	-	-	1	-	2	8	4	5	-	-	-	34	-
22	-	-	-	-	-	-	-	-	-	-	0	-	-	-	16	-	-	1	-
23	3	-	-	-	-	-	-	-	-	-	2	-	-	5	-	-	-	-	-
24	-	-	-	-	-	-	4	3	-	7	1	1	-	-	-	-	-	-	-
25	5	-	-	-	-	2	1	6	-	-	1	-	-	-	-	-	-	-	-
26	-	-	-	-	-	2	4	-	3	-	-	-	-	-	-	-	-	-	-
27	16	5	22	-	-	28	36	45	0	5	-	1	-	5	-	-	-	-	-
28	-	11	14	2	-	2	9	9	3	9	-	-	-	-	-	-	-	-	-
29	-	8	15	-	61	30	14	32	3	0	-	1	8	-	-	-	-	5	-
30	-	23	18	9	11	26	34	40	11	7	1	3	17	32	-	4	7	42	-

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 23	N 24	S 01	S 02	S 03	S 04	S 05	S 06	S 07	S 08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1
1	-	22	48	-	53	47	-	58	9	28	21	17	-	2	-	-
2	-	29	-	-	-	5	-	-	5	-	4	-	-	-	-	-
3	-	4	32	-	-	-	-	-	-	16	15	5	9	4	1	-
4	-	4	-	-	-	-	-	-	-	1	-	-	3	-	-	-
5	-	3	-	-	-	9	-	-	-	-	10	2	22	4	-	-
6	6	8	-	-	-	5	-	95	7	15	7	-	4	3	0	5
7	-	1	91	-	-	-	-	10	-	23	-	4	2	-	2	19
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
9	5	3	43	-	-	-	-	-	15	15	-	-	-	-	-	13
10	-	-	96	-	15	6	6	12	5	13	16	33	36	31	-	2
11	-	-	12	-	-	-	4	-	-	-	-	-	-	3	-	-
12	-	8	9	-	4	1	3	-	-	25	3	3	20	4	-	31
13	-	5	34	-	32	-	20	21	-	13	-	4	19	-	-	-
14	-	-	-	-	-	17	-	-	-	8	-	-	10	-	-	-
15	-	5	9	-	-	5	-	-	-	-	-	-	3	4	-	3
16	6	5	-	20	-	9	-	2	-	-	-	-	2	-	1	3
17	-	-	-	-	7	-	-	7	-	-	-	3	4	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	20
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	55
20	13	-	64	-	18	2	-	16	-	9	-	-	-	-	1	-
21	8	-	18	26	29	26	31	14	20	8	-	4	9	-	-	-
22	-	-	-	-	-	26	20	4	7	9	-	-	10	2	2	-
23	-	-	8	-	-	-	-	24	A	-	26	2	2	1	-	-
24	-	5	-	-	-	-	-	-	-	-	22	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	8	-	-	-	1	1	12
26	-	3	-	-	-	-	-	-	-	3	-	4	-	2	-	-
27	-	58	-	13	29	-	-	-	-	1	-	-	5	2	1	5
28	-	5	46	-	-	-	-	-	-	-	-	9	11	11	-	-
29	-	26	17	25	15	-	-	-	3	-	-	-	4	2	-	0
30	16	17	35	-	6	14	-	-	13	8	8	5	2	-	-	-

FINAL REPORT OF LRTAP-DATA JANUARY - JUNE 1973

January

Some of the figures in the magnesium data from UK 1 and UK 2 were wrong.

February

Sulphate in precipitation data from F 05 was wrong. No data are reported.

Particulate sulphate data at F 03 contained errors, missing data were put equal to 0.

April

Precipitation amounts from the simple precipitation gauge, mm (1), at N 14 were not printed, official amounts only were given.

May, June

Precipitation amounts from the meteorological station Col de Porte near Grenoble (F 04) are given.

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 73

CONCENTRATION OF MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 17	N 18	N 19	N 20	N 21	N 22	N 23
1	0.96	0.62	-	2.08	0.68	0.04	0.60	-	0.04	3.28	-	-	-	-	-	-	-	-
2	-	0.11	-	0.83	0.38	0.02	0.10	-	0.06	0.55	-	-	-	-	-	-	-	-
3	-	-	-	-	-	0.37	1.00	-	0.22	0.36	0.04	-	-	-	-	-	-	-
4	-	-	-	-	-	0.12	0.08	-	0.02	1.00	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	0.15	-	0.03	0.15	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	0.08	-	-	0.09	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	0.06	0.42	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	0.09	0.60	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	0.02	0.05	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	0.21	0.10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	0.21	-	-	-	-	-	-	-	-
12	-	-	0.93	-	0.12	0.09	0.11	0.28	-	-	-	0.07	0.14	-	-	-	3.12	-
13	0.12	-	-	-	0.25	-	-	-	-	-	-	-	-	-	-	-	-	-
14	0.29	0.27	0.30	0.46	0.00	0.04	-	0.10	-	-	0.18	-	-	-	0.07	0.06	-	0.47
15	0.10	0.08	0.06	0.17	0.21	0.20	0.49	0.06	-	-	0.03	0.01	0.01	0.36	0.03	0.03	0.27	0.34
16	0.14	0.06	0.14	0.29	0.31	0.17	0.36	0.12	-	-	0.04	0.01	-	-	0.01	-	0.33	0.48
17	-	-	0.12	-	-	-	-	0.08	0.40	-	-	-	-	0.04	-	0.02	-	-
18	-	-	-	-	-	-	-	-	-	0.27	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	0.03	-	0.06	0.04	0.02	0.05	-	-
20	0.17	0.08	0.08	1.23	0.48	-	-	0.06	-	-	-	0.01	0.01	0.02	0.01	0.01	0.72	1.02
21	0.05	0.02	0.14	0.23	0.18	0.02	0.25	0.03	-	-	-	-	0.02	0.04	0.04	0.04	0.36	0.80
22	0.10	0.01	0.22	3.00	0.51	0.04	-	0.14	-	-	-	0.02	0.01	0.07	0.02	0.04	0.30	0.74
23	-	-	-	0.66	-	0.01	0.09	0.14	0.08	0.03	-	-	-	0.07	0.02	0.06	-	-
24	0.24	0.15	0.08	0.61	0.30	0.11	0.42	0.09	0.03	0.08	-	0.02	0.12	0.17	0.00	0.07	2.79	0.60
25	0.18	0.13	0.52	0.91	0.00	0.08	0.13	0.11	0.21	0.08	-	-	0.18	-	-	-	0.00	1.02
26	0.08	0.05	0.08	0.34	0.15	0.02	0.13	0.02	0.01	0.20	-	-	0.06	-	0.07	0.02	0.50	0.29
27	-	-	-	-	-	-	-	-	-	0.17	-	-	0.08	-	-	-	-	-
28	0.12	0.08	0.22	0.74	0.16	0.28	0.49	0.04	0.03	-	-	0.04	0.01	-	0.02	-	0.45	0.48
29	-	0.26	-	-	-	0.28	1.69	-	0.06	-	-	-	-	-	-	-	-	-
30	0.08	0.04	0.11	0.15	0.17	0.02	0.14	0.02	-	-	-	0.05	0.04	0.04	0.02	0.03	0.46	0.28
31	0.60	0.41	0.13	0.78	0.48	0.16	0.47	0.36	0.03	-	0.02	0.03	-	-	0.01	-	-	-

CONCENTRATION OF MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 24	NL 1	NL 2	NL 3	SF 1	SF 2	SF 4	SF 5	UK 1	UK 2
1	0.02	-	-	-	-	-	-	-	0.30	-
2	0.26	-	-	-	-	-	-	-	-	0.70
3	0.92	-	-	-	-	-	-	-	0.10	-
4	0.53	-	-	-	-	-	-	-	0.05	0.07
5	0.12	-	-	-	-	-	-	-	-	0.05
6	-	-	-	-	-	-	-	-	-	-
7	0.38	-	-	-	-	-	-	-	-	-
8	0.16	-	-	-	-	-	-	-	-	-
9	0.24	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	0.10	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	0.20	0.10
14	-	-	-	-	-	-	-	-	0.20	0.05
15	-	-	-	0.95	-	-	-	0.10	0.10	0.90
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	0.30	-	-	-	-	-
18	-	-	2.97	-	0.10	-	-	-	-	-
19	-	-	-	-	0.20	0.10	-	-	1.40	0.06
20	-	0.30	1.01	0.37	0.40	0.30	0.10	-	0.10	0.02
21	-	-	-	0.43	1.80	-	0.00	-	-	0.14
22	-	0.27	0.32	-	0.00	-	-	-	0.03	0.16
23	0.06	0.09	-	-	0.10	-	-	-	-	0.02
24	0.34	-	-	-	-	-	-	0.00	-	0.15
25	0.26	0.05	-	-	-	0.10	0.00	0.00	-	0.13
26	0.39	0.23	0.07	0.35	-	-	-	0.00	0.10	0.15
27	-	0.07	0.31	4.82	0.00	0.00	-	-	-	0.13
28	0.47	-	-	-	0.00	-	0.00	0.00	-	0.20
29	1.53	-	-	-	6.80	-	-	0.10	-	0.09
30	0.14	0.73	0.03	0.34	-	-	-	-	0.17	0.32
31	0.17	-	-	-	-	-	-	-	0.27	0.50

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA.

FEBRUARY 73

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER). WHEN CORRECTED FOR SEA-SPRAY
MARKED WITH ASTERISKS

DATE	DK 2	DK 3	DK 4	DK 5	DK 6	F 01	F 04	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15
1	-	-	-	-	3.7	-	-	0.0	-	-	-	4.0	-	-	3.1	-	1.9	1.4
2	-	-	-	-	-	-	-	2.3	-	-	-	-	-	-	2.1	-	2.7	0.0
3	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	3.7	-	0.2	0.0
4	-	-	-	-	-	-	-	-	-	7.5	-	-	8.5	1.2	4.0	-	0.4	1.3
5	8.1	-	-	-	-	-	-	3.2	-	1.3	-	2.6	2.6	0.9	0.6	-	2.4	1.3
6	5.3	3.4	-	-	20.0	-	-	-	1.0	0.6	0.8	1.1	1.1	0.9	0.8	0.7	1.2	-
7	3.1	4.2	-	-	-	-	-	7.4	0.2	1.0	-	-	3.7	1.2	1.0	2.6	1.5	0.6
8	2.8	4.9	9.3	2.6	3.6	-	-	-	0.7	0.8	-	1.2	0.8	0.5	0.6	1.3	2.5	0.2
9	2.9	-	6.3	3.6	3.2	6.0	-	-	0.4	1.0	-	1.8	1.5	0.6	1.1	0.5	-	0.5
10	-	-	-	3.0	4.7	3.0	-	0.3	0.7	0.7	1.5	-	-	0.5	1.2	0.8	0.3	-
11	3.4	4.8	4.5	4.0	-	-	-	-	1.0	0.8	1.4	1.6	2.1	0.7	1.1	0.8	0.4	0.4
12	2.6	2.1	4.4	-	6.0	1.2	-	-	0.3	0.4	0.5	0.8	0.9	0.7	0.2	0.3	0.3	0.7
13	3.2	2.9	-	-	-	-	13.2	-	0.3	0.2	-	1.2	1.1	0.7	0.2	0.3	-	0.5
14	-	-	-	-	6.2	1.2	-	-	0.8	2.1	1.4	3.8	4.6	1.8	1.8	1.2	-	0.3
15	6.6	3.9	3.3	-	-	7.3	-	1.1	-	-	-	-	-	-	-	-	-	2.3
16	8.1	8.1	-	-	-	-	-	0.0	-	-	-	1.9	-	-	-	1.3	-	-
17	7.5	4.9	2.3	4.0	3.4	-	-	0.0	-	-	-	1.9	-	1.8	-	-	-	-
18	-	-	6.5	3.3	4.1	-	-	-	-	-	-	3.6	-	0.5	2.1	-	0.3	0.8
19	-	-	-	-	-	9.2	1.6	2.4	-	-	-	1.6	2.7	0.5	0.5	-	0.2	1.0
20	-	-	-	-	-	-	-	3.5	-	0.9	-	0.6	2.4	0.5	0.4	-	0.3	0.3
21	-	-	-	-	-	11.4	-	-	-	2.6	-	-	-	0.8	2.0	-	1.0	-
22	1.3	2.5	4.2	4.6	4.5	6.9	-	2.5	1.4	0.7	0.4	0.6	0.5	0.6	0.9	1.3	-	-
23	3.6	5.2	-	-	4.7	5.7	-	-	-	-	1.4	0.0	-	-	0.7	-	-	-
24	-	-	-	3.4	3.5	7.3	-	-	-	-	-	-	-	-	-	-	-	1.5
25	-	-	3.0	-	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	5.2	-	-	-	-	-	-	-	-	1.2	0.3
27	-	-	-	-	-	-	-	2.4	-	-	-	8.1	11.7	6.3	7.1	-	1.5	-
28	-	-	-	-	4.3	-	-	2.4	-	-	-	6.1	0.0	1.5	1.1	1.3	0.9	0.4

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER). WHEN CORRECTED FOR SEA-SPRAY
MARKED WITH ASTERISKS

DATE	N 16	N 18	N 19	N 20	N 22	N 23	N 24	N 25	NL 1	NL 2	NL 3	S 01	S 02
1	3.4	-	-	-	-	-	4.9	-	-	-	-	-	7.5
2	-	-	-	-	-	-	3.4	1.8	-	-	-	-	-
3	-	-	-	-	-	-	1.5	1.9	-	-	-	-	-
4	-	-	-	-	-	-	1.3	0.0	-	-	-	-	-
5	-	-	-	-	-	-	0.6	2.8	-	-	-	63.3	25.1
6	0.6	-	-	4.8	-	2.4	0.0	2.6	13.6	6.0	-	4.2	25.1
7	-	9.9	-	-	-	-	1.6	2.2	10.0	7.3	-	-	22.5
8	-	-	-	-	-	-	-	2.0	9.3	4.5	3.5	-	22.5
9	-	-	-	-	-	-	0.8	-	12.5	5.2	5.5	-	3.2
10	0.7	0.8	0.9	0.3	5.3	4.7	1.1	6.6	5.1	2.3	4.1	10.7	3.2
11	0.6	0.9	2.0	0.5	2.1	2.2	0.2	3.5	7.6	1.7	4.1	6.6	3.2
12	0.6	0.7	0.5	0.8	0.8	0.8	0.3	1.4	3.3	2.4	1.9	2.2	-
13	0.7	0.7	0.8	0.4	-	-	0.6	0.8	11.0	4.2	5.3	2.2	-
14	-	1.6	-	-	3.7	3.8	-	7.6	-	-	-	-	4.0
15	-	-	-	-	-	-	-	-	-	-	-	4.6	4.0
16	2.2	1.4	-	-	-	-	-	6.4	-	-	6.1	-	0.9
17	-	2.9	-	-	-	-	-	-	5.5	4.7	4.1	0.6	0.9
18	-	-	-	-	-	-	1.0	7.9	5.7	1.0	4.0	-	0.9
19	-	-	-	-	-	-	0.2	1.1	-	-	-	-	-
20	0.6	-	-	-	-	-	0.2	3.9	-	-	-	-	-
21	-	-	-	-	-	-	1.0	2.0	9.3	-	-	14.4	13.8
22	-	-	-	1.9	-	1.3	0.7	3.6	6.5	1.1	-	6.7	13.8
23	2.0	-	6.3	1.2	-	1.8	0.6	7.8	3.7	0.6	0.0	-	-
24	-	-	-	-	-	-	-	5.1	-	-	9.7	-	-
25	-	-	-	-	-	-	-	5.4	-	-	-	-	-
26	-	-	-	-	-	-	1.0	2.1	5.6	-	-	-	7.2
27	-	-	-	-	-	-	7.1	4.3	-	-	-	-	7.2
28	-	-	-	-	-	-	4.5	1.7	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 73

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	A 01	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 01	N 03	N 09	N 22	N 23
1	35.8	0.4	1.7	6.2	7.9	5.6	7.5	15.4	-	-	-	-	-	0.0	1.1	1.0	1.0	2.9	1.1
2	21.1	1.6	2.9	4.3	5.6	5.0	8.2	24.6	-	-	-	-	-	0.2	1.8	1.0	2.0	2.6	0.9
3	15.1	0.3	3.7	5.8	6.8	11.7	7.6	21.9	-	-	-	-	-	0.2	2.6	0.9	0.7	3.3	1.1
4	31.2	0.4	9.2	17.9	15.6	16.1	15.8	29.0	-	-	-	-	-	0.2	0.3	2.5	0.3	1.7	0.2
5	21.8	0.7	14.3	5.8	6.2	11.5	16.4	9.2	-	-	-	-	-	0.2	0.3	2.5	0.3	1.7	0.2
6	11.0	0.7	3.2	2.7	3.5	4.3	5.6	11.8	-	-	-	-	-	0.2	0.5	0.2	1.3	0.6	1.1
7	5.4	0.4	3.9	2.3	2.2	0.0	3.7	6.1	-	-	-	-	-	0.3	0.5	0.8	0.3	0.2	1.6
8	8.6	0.7	1.7	2.9	4.0	2.0	5.6	9.1	-	-	-	-	-	0.2	0.5	0.5	0.7	1.0	0.8
9	26.3	0.7	0.0	3.5	4.6	0.0	2.4	-	-	-	-	-	-	0.2	0.6	0.4	0.2	2.7	0.6
10	38.2	0.7	2.0	1.9	2.2	1.3	4.5	-	-	-	-	-	-	0.2	0.7	0.7	0.9	1.4	0.3
11	5.9	0.7	1.2	2.2	6.0	2.4	3.9	-	-	-	-	-	-	0.2	0.6	0.6	0.0	1.7	0.4
12	4.6	1.0	0.3	1.3	1.4	2.9	7.9	0.2	-	-	-	-	-	0.3	0.2	0.6	0.2	0.8	0.6
13	4.3	0.1	0.4	1.7	2.9	3.2	2.7	0.3	-	-	-	-	-	1.8	0.3	0.2	0.2	0.8	0.0
14	14.7	0.4	1.9	5.8	9.9	6.5	7.6	1.3	-	-	0.7	-	-	1.6	3.0	0.3	1.2	2.7	2.5
15	10.8	0.4	8.6	8.9	0.4	0.3	10.8	10.3	-	-	3.0	-	-	0.2	5.0	5.4	4.3	5.4	4.0
16	9.4	0.6	6.2	6.2	3.6	4.5	8.6	33.0	-	-	0.7	-	-	1.8	0.7	2.9	1.7	1.4	1.2
17	13.8	0.9	4.3	4.8	2.7	4.0	3.5	19.5	-	-	0.0	-	-	0.2	0.6	1.1	2.0	3.2	1.8
18	10.9	0.6	6.9	7.2	4.3	3.9	2.2	16.8	-	-	0.0	-	-	0.0	2.5	3.0	0.3	3.5	3.6
19	10.9	0.4	4.6	6.5	6.9	5.9	4.2	21.4	-	-	0.0	-	-	0.3	0.5	1.7	0.0	1.8	0.9
20	10.6	0.4	1.0	3.6	4.6	4.2	7.2	24.2	-	-	1.8	-	-	0.2	0.0	0.0	0.0	1.2	0.2
21	4.2	0.3	0.3	2.3	3.5	2.7	4.8	5.7	-	-	-	-	-	0.2	0.5	1.6	0.6	0.3	0.4
22	3.8	0.4	0.6	1.2	2.3	1.0	2.9	2.0	-	-	0.9	-	-	0.2	0.6	0.7	0.2	1.0	0.6
23	2.2	0.7	0.9	2.0	1.9	1.3	1.9	1.6	-	-	0.0	-	-	1.8	0.4	1.1	0.5	1.2	1.8
24	3.0	0.9	3.5	3.7	2.2	3.2	2.3	3.7	-	-	0.0	-	-	2.0	1.4	0.0	1.5	1.8	2.4
25	7.5	1.0	3.0	4.5	3.0	3.2	2.6	7.9	-	0.0	0.0	-	-	0.4	0.6	0.4	-	1.2	0.6
26	7.3	-	2.4	3.9	4.3	3.3	3.3	63.2	-	0.0	2.6	-	5.2	0.1	0.7	0.4	-	2.2	0.9
27	7.4	-	2.2	2.0	2.7	2.3	4.8	0.0	0.0	0.0	5.9	10.9	5.9	0.1	1.2	2.7	-	1.5	1.0
28	10.4	-	7.1	5.0	6.5	6.6	7.5	11.6	4.2	0.0	0.0	10.6	5.8	0.6	2.1	1.8	-	3.6	2.0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 25	NL 1	NL 2	NL 3	S 03	S 04	S 05	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2
1	-	37.0	11.9	3.2	5.4	7.8	1.8	12.0	-	16.9	10.2	1.7	12.0	2.0
2	0.3	18.6	5.1	-	3.8	4.0	1.6	3.1	3.0	4.2	3.1	0.8	14.0	2.0
3	0.4	14.5	9.1	11.6	1.9	1.3	0.5	0.5	-	0.7	0.3	0.2	2.0	1.0
4	1.4	16.4	10.6	19.6	5.0	4.1	1.4	3.3	-	0.8	1.3	0.5	15.0	5.0
5	0.0	22.2	16.0	14.9	3.8	3.4	1.2	2.3	0.7	2.1	0.7	1.2	10.0	1.0
6	0.3	7.9	5.6	4.9	1.0	1.1	1.0	1.1	0.5	1.7	0.4	1.0	6.0	2.0
7	1.3	5.1	4.7	5.6	1.0	1.1	0.5	0.7	1.4	2.8	1.7	1.1	4.0	2.0
8	0.6	6.9	4.3	2.9	1.0	1.6	0.1	1.4	0.4	0.9	1.0	0.8	2.0	1.0
9	1.0	4.2	25.0	3.0	1.6	1.7	1.4	1.0	1.7	0.9	0.9	0.7	3.0	1.0
10	2.3	2.5	1.2	1.5	1.7	1.9	1.2	1.4	2.3	2.3	0.6	1.2	4.0	1.0
11	0.8	4.6	3.1	3.2	2.9	1.6	1.4	2.5	3.4	3.2	0.5	0.8	3.0	1.0
12	2.0	2.5	1.7	1.4	1.7	2.5	1.3	2.0	2.4	4.2	6.9	1.3	1.0	-
13	2.5	4.6	3.2	3.0	2.0	2.4	1.3	1.2	2.1	6.0	2.9	1.5	2.0	1.0
14	1.8	4.8	4.7	4.7	4.2	4.8	1.4	3.1	2.1	4.3	2.2	1.2	4.0	1.0
15	0.3	11.4	9.1	12.1	5.6	5.3	0.6	9.2	7.7	12.6	8.1	1.0	11.0	4.0
16	0.4	13.7	3.1	5.1	2.8	3.7	1.8	10.0	4.6	6.8	8.3	1.7	9.0	6.0
17	1.3	3.7	2.5	4.5	4.2	5.4	3.7	7.7	3.2	5.4	4.5	2.3	13.0	8.0
18	1.3	3.3	2.6	4.5	4.3	9.0	5.5	15.5	12.3	5.9	1.2	5.8	10.0	3.0
19	0.2	14.2	75.0	8.3	5.5	8.2	2.4	4.5	4.0	7.1	8.8	1.5	8.0	1.0
20	0.1	14.0	5.1	7.0	1.4	2.6	0.5	3.1	1.5	3.1	0.8	0.3	6.0	2.0
21	0.2	6.4	4.1	4.9	1.2	1.7	0.7	1.3	1.0	1.2	0.9	0.3	5.0	1.0
22	1.8	3.3	1.5	2.6	1.8	2.3	0.7	1.0	1.3	0.6	1.2	0.8	2.0	1.0
23	2.0	1.6	0.5	1.2	2.5	2.6	1.6	2.7	2.1	0.6	0.8	0.5	3.0	1.0
24	2.5	2.7	1.5	1.9	2.8	2.2	2.2	1.7	1.7	1.6	0.6	1.0	4.0	1.0
25	1.9	5.9	2.7	2.0	2.8	2.7	1.2	1.2	0.9	1.7	0.7	1.2	6.0	1.0
26	1.3	5.0	2.6	2.4	2.5	2.4	1.2	1.5	2.2	2.4	1.8	0.8	3.0	1.0
27	1.4	4.8	3.1	1.6	3.4	6.6	1.6	1.8	7.4	2.3	2.4	2.8	7.0	6.0
28	0.8	23.7	12.6	10.5	5.2	10.4	1.6	4.1	5.2	1.7	3.4	2.6	7.0	2.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

APRIL 73

AMOUNT OF PRECIPITATION(MM) OFFICIAL PRECIPITATION STATIONS MARKED WITH ASTERISKS

DATE	A 01	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 01	
1	-	3.9	3.8	-	0.2	0.2	3.1	0.8	4.1	0.8	0.6	0.7	4.3	-	-	-	-	-	-	-	1.3
2	-	31.6	14.8	24.0	8.0	1.7	1.9	-	0.6	12.8	12.4	11.1	0.8	-	7.0	9.6	7.0	-	-	-	-
3	-	-	9.2	11.3	0.1	3.0	14.5	-	-	-	-	2.6	-	-	-	23.2	-	14.6	7.2	-	-
4	-	8.3	-	-	-	1.3	8.1	10.6	6.6	6.9	1.4	1.9	-	-	-	-	-	-	5.4	22.0	-
5	-	-	5.9	-	0.5	0.3	10.2	3.2	2.7	2.6	0.7	3.9	-	-	-	-	-	-	-	-	2.2
6	-	10.2	2.9	0.2	0.1	2.1	7.7	0.6	0.1	1.5	2.0	1.6	-	-	-	-	-	-	-	-	-
7	-	0.9	1.8	-	0.2	-	1.3	-	0.3	-	3.3	3.2	-	-	-	-	-	-	-	-	-
8	-	-	2.9	0.1	0.1	-	-	-	-	-	0.3	1.3	-	-	-	0.9	-	-	-	-	-
9	-	-	0.9	16.9	-	0.2	-	-	-	-	-	-	-	-	-	20.7	2.0	-	0.3	-	-
10	-	1.1	1.1	43.1	-	2.0	-	0.5	3.6	2.6	0.8	1.7	-	-	0.4	41.9	-	-	-	-	-
11	-	0.6	6.5	36.2	3.6	7.2	-	-	0.4	2.5	0.1	0.4	4.0	-	2.4	0.7	-	9.8	1.1	-	-
12	-	0.3	2.5	31.0	2.2	5.7	-	-	-	-	-	0.2	0.7	-	1.6	9.0	-	-	0.4	-	-
13	-	-	0.9	0.2	0.8	2.1	1.7	-	-	-	-	-	-	-	-	5.1	-	-	4.7	-	-
14	-	6.3	2.4	-	-	0.2	9.2	0.9	2.2	1.6	2.5	2.0	-	-	-	-	-	-	3.8	-	-
15	-	-	2.0	3.6	2.8	-	5.8	-	-	-	0.7	0.1	0.6	-	-	-	-	-	1.6	-	-
16	-	-	0.1	-	0.5	-	2.6	-	-	-	-	1.1	-	-	-	-	-	0.5	10.2	-	-
17	-	0.7	1.1	1.9	-	3.6	7.1	-	-	0.1	0.7	-	-	-	-	-	-	-	12.1	-	-
18	-	0.5	4.3	25.1	11.6	9.4	0.6	1.6	1.4	-	-	0.4	1.8	-	-	-	-	-	0.7	-	-
19	-	7.1	0.3	36.2	6.7	0.2	2.3	3.4	3.1	0.8	0.6	0.3	0.3	-	-	9.3	-	-	7.5	3.2	-
20	-	-	0.6	10.6	0.7	0.2	-	0.6	-	0.1	0.3	5.2	-	-	-	32.5	-	4.0	1.1	13.1	-
21	-	1.5	-	1.0	0.7	1.6	-	0.3	0.3	0.1	3.5	3.9	3.5	-	9.6	0.2	-	-	3.8	10.8	-
22	-	5.1	2.7	-	1.0	-	-	-	-	-	0.9	-	4.5	-	7.4	-	-	10.0	-	-	-
23	-	1.2	-	-	-	-	-	-	-	-	2.4	-	1.9	10.6	-	-	15.0	-	-	-	-
24	-	-	-	6.8	-	0.2	0.9	-	-	-	-	-	0.1	1.2	-	3.4	-	-	-	0.2	-
25	-	-	-	1.8	-	-	-	-	0.7	-	-	-	0.1	-	-	2.2	-	4.4	-	-	-
26	0.9	2.8	0.2	-	-	-	0.7	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-
27	-	1.1	-	3.9	0.2	-	3.0	-	-	-	2.1	2.9	1.0	-	2.3	-	-	-	-	0.4	-
28	-	-	0.8	19.6	0.9	0.1	6.5	0.7	-	-	-	3.2	7.0	-	5.3	14.8	4.2	9.2	-	3.5	-
29	-	0.1	10.0	14.2	1.7	5.1	6.5	-	0.3	0.3	2.0	4.5	-	-	13.2	15.0	-	8.6	-	-	-
30	-	6.3	0.4	-	-	-	2.4	9.0	3.2	2.8	1.6	0.3	8.5	-	-	-	6.7	-	-	42.0	-

AMOUNT OF PRECIPITATION(MM) OFFICIAL PRECIPITATION STATIONS MARKED WITH ASTERISKS

DATE	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 18	N 19	N 20	N 22	N 23	N 24	NL 1	NL 2	NL 3	S 01	
1	2.2	-	7.6	1.1	19.2	10.5	-	5.2	0.8	1.1	7.5	-	-	1.5	-	3.5	14.3	5.2	7.0	-	
2	-	-	-	-	0.1	-	-	2.4	4.0	-	-	-	-	-	-	3.8	13.0	15.2	13.3	3.5	
3	-	-	-	-	2.0	0.5	-	0.9	15.3	-	-	-	-	-	-	-	0.7	0.6	0.1	-	
4	25.0	10.2	18.8	26.6	40.4	48.3	11.1	6.8	2.9	1.8	20.4	10.4	9.5	11.1	5.7	20.7	4.1	7.1	1.9	5.0	
5	5.7	-	1.8	1.6	18.5	12.7	0.6	8.7	2.0	1.4	-	-	-	-	-	3.6	3.2	1.2	0.1	5.0	
6	-	-	1.2	-	0.3	1.7	-	2.5	0.5	-	-	-	-	-	-	12.4	2.2	4.8	1.4	10.0	
7	-	-	-	-	-	-	-	3.2	-	-	-	-	-	-	-	-	1.2	1.5	2.3	1.0	
8	-	-	-	-	2.2	-	0.2	-	0.8	-	-	-	-	-	-	-	1.2	2.8	0.7	-	
9	-	-	-	-	0.8	1.6	0.2	1.7	0.1	0.2	-	-	-	-	-	-	0.3	3.9	0.5	-	
10	-	0.6	0.3	0.8	6.3	7.6	0.8	15.3	-	-	2.0	-	4.5	-	-	7.6	1.4	0.6	0.8	4.5	
11	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-	1.9	0.4	3.2	4.0	
12	-	-	-	-	-	-	-	0.6	1.3	-	-	-	-	-	-	-	2.2	0.1	0.7	-	
13	-	-	-	-	-	-	-	-	1.8	0.9	-	-	-	-	-	1.9	0.9	8.3	1.5	-	
14	-	-	-	-	0.8	4.4	-	1.8	1.4	-	-	-	-	-	-	7.7	0.5	1.5	1.5	5.0	
15	-	-	-	-	0.3	-	-	5.5	-	-	-	-	-	-	-	4.5	0.1	0.1	0.6	-	
16	-	-	0.2	-	3.6	10.1	-	18.5	2.6	7.4	2.9	-	-	-	-	8.6	0.1	0.2	0.1	2.0	
17	-	-	-	-	2.3	1.6	-	10.9	1.5	3.1	-	-	-	-	-	-	0.2	0.1	4.8	1.2	8.0
18	-	-	-	-	-	-	-	-	2.7	1.0	2.2	-	3.6	-	-	-	7.9	3.3	4.6	6.0	
19	2.0	0.8	-	1.9	-	-	2.4	-	-	-	3.8	-	3.9	0.8	1.7	-	0.9	0.7	0.9	7.0	
20	10.2	3.8	7.0	11.9	-	0.9	8.1	-	0.4	1.5	4.2	-	5.1	0.5	9.3	-	1.1	1.3	2.5	5.0	
21	4.1	8.0	2.4	5.2	-	0.6	11.5	-	-	0.5	-	-	-	8.3	5.7	-	2.8	3.5	1.7	6.0	
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-	-	
23	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	0.1	-	0.2	-	
24	-	-	-	-	-	-	-	3.0	1.0	-	-	-	-	-	-	-	0.1	0.1	0.1	1.5	
25	-	-	-	-	0.8	1.6	-	0.8	0.7	0.7	7.8	-	-	-	-	1.0	-	0.1	0.1	1.5	
26	-	-	-	-	0.3	-	-	2.7	-	-	-	-	3.0	-	-	7.7	0.1	0.1	0.4	-	
27	2.2	1.3	1.1	1.1	3.2	0.6	0.7	-	-	2.1	5.2	-	1.1	-	-	0.6	0.1	0.1	0.1	-	
28	9.0	6.0	9.5	4.8	5.4	1.5	5.0	0.6	0.2	-	-	-	6.3	-	-	7.6	5.2	0.7	-	2.0	
29	-	-	-	-	5.7	1.1	-	-	1.1	8.3	-	-	-	-	-	10.2	1.1	2.2	0.2	2.0	
30	11.8	24.7	1.4	33.1	18.0	11.8	36.3	9.2	-	-	-	23.6	12.8	9.5	21.2	10.8	2.9	6.5	6.4	2.0	

PRECIPITATION AMOUNTS (mm) FROM COL DE PORTE NEAR GRENOBLE

Year 1973

Day	Month	
	May	June
1	-	0.2
2	2.0	5.7
3	0.2	0.1
4	-	0.3
5	-	2.4
6	5.8	12.5
7	11.7	4.4
8	21.2	7.4
9	3.7	-
10	3.8	0.1
11	5.8	0.2
12	-	21.9
13	-	1.5
14	-	0.1
15	-	-
16	-	-
17	3.0	-
18	0.1	0.1
19	10.8	0.1
20	14.1	36.0
21	0.1	1.4
22	2.3	16.6
23	-	66.0
24	-	6.1
25	-	-
26	-	-
27	0.2	-
28	23.0	6.2
29	4.6	0.5
30	0.1	0.2
31	2.1	-

FINAL REPORT OF LRTAP-DATA JULY - DECEMBER 1973

July - August

Precipitation amounts from the meteorological station
Col de Porte near Grenoble (F 04) are given.

PRECIPITATION AMOUNTS (mm) FROM COL DE PORTE NEAR GRENOBLE

Year 1973 .

Day	Month	
	July	August
1	0.2	0.4
2	-	18.9
3	-	1.4
4	-	0.1
5	-	0.2
6	-	-
7	-	0.3
8	7.7	0.2
9	0.9	0.2
10	-	0.1
11	-	21.3
12	-	-
13	0.1	13.9
14	21.6	0.1
15	66.4	5.7
16	47.1	0.7
17	7.2	1.4
18	0.3	0.1
19	-	-
20	5.1	-
21	67.0	0.1
22	12.4	0.2
23	11.6	0.2
24	41.6	1.6
25	53.4	10.2
26	6.1	0.4
27	0.1	0.1
28	0.1	44.2
29	0.1	0.5
30	-	4.6
31	0.2	8.2

FINAL REPORT OF LRTAP-DATA JANUARY - JUNE 1974

April

Precipitation amounts from the meteorological station
Col de Porte near Grenoble (F 04) are given.

PRECIPITATION AMOUNTS (mm) FROM COL DE PORTE NEAR GRENOBLE

Year 1974

Day	April
1	-
2	-
3	-
4	-
5	-
6	1.5
7	-
8	-
9	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-
18	-
19	-
20	-
21	-
22	-
23	-
24	6.6
25	6.6
26	0.7
27	18.9
28	5.7
29	8.1
30	5.5
31	-

FINAL REPORT OF LRTAP-DATA JULY - DECEMBER 1974

August, October

Precipitation amounts from the meteorological station Col de Porte near Grenoble (F 04) are given.

December

The data from the station S 09 at Rickleå were missing in the report. Pages affected by this are reprinted.

PRECIPITATION AMOUNTS (mm) FROM COL DE PORTE NEAR GRENOBLE

Year 1974

Day	Month	
	August	October
1	-	-
2	-	0.6
3	-	6.6
4	-	2.3
5	-	10.0
6	-	10.0
7	-	14.4
8	0.1	15.6
9	1.0	6.8
10	4.5	0.2
11	3.0	5.2
12	0.2	0.1
13	0.2	0.1
14	-	0.1
15	-	1.3
16	-	1.4
17	-	4.9
18	-	0.1
19	5.6	70.6
20	0.2	55.2
21	1.4	32.6
22	17.0	32.6
23	16.0	0.5
24	-	0.5
25	-	0.2
26	4.0	0.2
27	4.8	5.3
28	0.4	0.4
29	-	26.5
30	-	3.0
31	19.0	3.4

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - DECEMBER 1974

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS			LOCATIONS			
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	A 02	ILLMITZ	PA	47 46 N	16 46 E	117
2	CH 1	JUNGFRAUJOCH	PA	46 33 N	7 59 E	3573
3	CH 2	PAYERNE	PA	46 48 N	6 57 E	510
4	CH 3	DELEMONT	P	47 22 N	7 21 E	420
5	CH 4	OESCHBERG	P	47 08 N	7 37 E	480
6	CH 5	EINSIEDELN	P	47 08 N	8 45 E	910
7	CH 6	MAGADINO	P	46 10 N	8 53 E	197
8	D 01	WESTERLAND	PA	54 56 N	8 19 E	12
9	D 02	WALDHOF	PA	52 48 N	10 46 E	73
10	D 03	SCHAUINSLAND	PA	47 55 N	7 55 E	1205
11	D 04	DEUSELBACH	PA	49 46 N	7 04 E	480
12	D 05	BROTJACKLRIEGEL	PA	48 49 N	13 13 E	1016
13	DK 1	FÄRGERNE	PA	62 04 N	6 58 W	740
14	DK 2	HANSTHOLM	PA	57 07 N	8 36 E	46
15	DK 3	TANGE	PA	56 21 N	9 36 E	13
16	DK 4	GNIBEN	PA	56 00 N	11 17 E	3
17	DK 5	KELDENOR	PA	54 44 N	10 44 E	8
18	DK 6	DUEODDE	PA	55 00 N	15 05 E	6
19	F 01	VERT-LE-PETIT	PA	48 32 N	2 22 E	64
20	F 02	LE SARP	PA	44 25 N	0 54 W	48
21	F 03	LA CROUZILLE	PA	46 00 N	1 22 E	460
22	F 04	GRENOBLE	PA	45 18 N	5 46 E	1325
23	F 05	LA HAGUE	PA	49 37 N	1 50 W	133
24	F 06	VALDUC	PA	47 35 N	4 52 E	470
25	IC 1	RJUPNAHØD	PA	64 05 N	21 51 W	120
26	N 01	BIRKENES	PA	58 23 N	8 15 E	190
27	N 03	FINSLAND	PA	58 19 N	7 35 E	275
28	N 05	GJERSTAD	P	58 53 N	8 57 E	240
29	N 06	LISTA	P	58 06 N	6 34 E	13
30	N 07	MANDAL	P	58 03 N	7 27 E	138
31	N 08	SKREÅDALEN	P	58 49 N	6 43 E	475
32	N 09	SØYLAND	PA	58 41 N	5 59 E	263
33	N 10	TOVDAL	P	58 48 N	8 14 E	227
34	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
35	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
36	N 16	TÅGMYRA	P	61 25 N	12 04 E	536
37	N 18	LØKEN	P	59 48 N	11 27 E	150
38	N 19	BISLINGEN	P	60 14 N	10 37 E	680
39	N 20	GRIMELID	P	60 08 N	9 36 E	367
40	N 22	VASSER	PA	59 04 N	10 26 E	35
41	N 23	LYNGØR	PA	58 38 N	9 08 E	20
42	N 24	FITJAR	P	59 55 N	5 19 E	20
43	N 25	HUMMELFJELLI	A	62 27 N	11 16 E	1539
44	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
45	N 27	VATNEDALEN	P	59 28 N	7 22 E	800
46	N 28	FILLEFJELL	P	60 11 N	8 07 E	956
47	NL 1	WAGENINGEN	PA	51 58 N	5 38 E	7
48	NL 2	WITTEVEEN	PA	52 49 N	6 40 E	17
49	NL 3	DEN HELDER	PA	52 55 N	4 47 E	0
50	NL 4	LEUNEN	PA	51 28 N	5 59 E	29
51	S 01	EKERØD	PA	55 54 N	13 43 E	140
52	S 02	RAØ	PA	57 23 N	11 55 E	4
53	S 03	SJØÅNGEN	PA	58 46 N	14 18 E	127
54	S 04	RYDA KUNSSGARD	PA	59 46 N	17 08 E	25
55	S 05	BREDKÅLEN	PA	63 51 N	15 20 E	404
56	S 07	RØRBÄCKSNÄS	PA	61 07 N	12 48 E	470
57	S 08	HOBURG	PA	56 55 N	18 09 E	58
58	S 09	RICKLEA	PA	64 10 N	20 56 E	4
59	SF 1	JOMALA	PA	60 11 N	19 59 E	21
60	SF 2	JOKIOINEV	PA	60 49 N	23 30 E	106
61	SF 3	PUUMALA	PA	61 34 N	28 04 E	122
62	SF 4	ÄHTÄRI	PA	62 33 N	24 13 E	162
63	SF 5	SODANKYLÄ	PA	67 22 N	26 39 E	180
64	UK 1	COTTERED	PA	51 56 N	0 05 W	125
65	UK 2	ESKDALEMUR	PA	55 19 N	3 12 W	243
66	UK 7	STORNOWAY	A	58 13 N	6 20 W	4
67	UK 9	KIRKBY UNDERWOOD	A	52 51 N	0 26 W	80
68	UK11	LITTLE HORKESELEY	A	51 57 N	0 52 E	60
69	UK12	PITLOCHRY	P	56 43 N	3 46 W	95

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

AMOUNT OF PRECIPITATION (MM) OFFICIAL PRECIPITATION STATIONS
MARKED WITH ASTERISKS

DATE	N 18	N 19	N 20	N 22	N 23	N 24	N 26	N 27	N 28	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05
1	3.1	4.5	1.1	1.0	2.7	23.2	6.8	8.3	2.5	0.2	1.5	0.8	1.1	-	0.9	-	-	-
2	-	-	-	-	-	-	-	11.1	9.0	4.0	3.2	0.1	1.2	-	1.1	4.0	4.8	8.6
3	-	-	-	0.7	3.0	16.7	2.6	4.3	3.0	0.5	0.4	0.1	0.5	4.0	-	-	-	-
4	12.0	-	-	0.5	-	2.9	1.0	16.6	4.0	2.1	6.3	2.7	1.8	7.0	4.2	3.1	1.1	14.5
5	-	-	-	-	-	0.5	-	-	-	0.5	4.9	3.9	1.7	6.5	-	-	-	14.4
6	2.9	4.1	3.5	6.2	2.1	23.1	3.9	5.9	4.3	2.0	3.6	1.6	4.1	3.0	3.4	-	0.1	1.8
7	-	-	-	-	0.5	3.3	-	-	-	1.8	3.4	1.0	4.4	3.0	2.1	-	0.2	2.5
8	-	-	-	-	0.5	4.6	-	4.3	-	0.8	4.6	0.4	1.7	-	1.5	4.0	1.3	-
9	-	-	-	-	-	10.4	-	17.4	1.4	0.7	1.7	0.7	1.6	10.0	0.6	-	-	-
10	-	3.4	3.1	2.9	4.3	15.9	1.3	5.2	0.2	11.4	10.3	9.9	3.4	11.0	1.6	-	0.1	-
11	-	-	-	-	0.3	6.0	-	1.6	-	6.4	12.5	7.1	12.7	9.0	0.2	-	-	5.0
12	-	-	-	-	-	-	-	-	-	5.8	7.0	7.0	3.5	1.0	1.6	-	10.0	-
13	9.6	-	-	0.3	0.5	23.2	-	3.7	-	0.2	0.1	0.8	0.4	-	2.4	-	-	1.9
14	-	-	-	-	-	7.7	-	8.9	-	2.8	3.2	2.0	2.5	14.0	2.3	-	1.7	-
15	-	-	-	-	-	2.5	-	1.0	-	0.1	1.8	0.3	0.2	-	-	-	-	-
16	4.0	7.2	12.5	7.8	7.5	14.0	10.8	4.3	7.0	8.4	11.6	5.9	6.6	11.0	11.7	10.5	5.1	-
17	1.3	-	4.5	-	-	6.4	-	-	0.5	2.3	6.9	2.2	6.8	10.0	0.6	-	4.2	10.2
18	-	-	1.1	-	-	4.0	-	-	3.5	2.9	3.1	1.5	6.4	6.0	0.2	1.9	0.1	4.3
19	3.4	2.2	-	4.1	1.7	26.1	4.0	17.1	4.0	1.4	0.2	0.2	0.6	3.0	0.8	4.2	0.8	-
20	6.1	-	-	-	-	4.8	1.0	6.0	-	0.1	0.5	0.2	0.1	-	8.4	4.2	4.9	12.4
21	-	-	-	-	-	9.6	-	8.0	0.8	-	0.1	0.1	0.1	5.0	-	-	-	-
22	1.0	-	-	0.5	-	4.6	0.9	15.2	5.0	0.7	0.2	0.7	0.1	-	-	3.7	0.7	2.9
23	-	6.2	1.3	-	-	6.2	1.7	1.5	-	0.1	0.1	-	1.0	1.0	18.8	-	-	-
24	9.2	-	0.4	4.1	4.0	10.8	3.2	5.3	-	6.5	6.0	4.9	3.8	10.0	-	2.1	0.8	-
25	6.1	6.6	-	4.3	5.3	5.7	4.7	9.5	2.0	18.1	19.9	3.8	11.4	11.0	-	1.5	-	10.2
26	-	-	-	-	-	0.5	-	-	-	7.7	3.3	4.6	7.8	-	-	6.0	0.1	4.7
27	7.7	-	7.8	1.0	5.4	8.6	6.3	5.2	1.0	1.0	4.6	6.2	8.4	5.0	-	-	-	-
28	-	2.6	-	0.7	2.0	7.8	2.0	16.2	6.0	0.2	0.8	0.4	0.3	10.0	-	4.4	2.8	-
29	-	-	-	-	-	3.5	-	1.5	-	6.7	4.1	2.0	12.0	5.0	-	-	2.6	2.6
30	1.3	1.7	3.1	-	-	18.1	3.0	5.1	7.0	1.5	1.8	2.5	1.9	-	14.8	-	-	-
31	8.3	2.3	-	3.0	2.6	19.1	1.0	5.5	10.0	0.8	1.8	0.3	1.0	-	-	10.0	2.8	10.7

AMOUNT OF PRECIPITATION (MM) OFFICIAL PRECIPITATION STATIONS
MARKED WITH ASTERISKS

DATE	S 07	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	-	-	-	0.2	1.1	0.9	0.3	-	2.6	0.9
2	6.5	1.3	9.0	13.4	3.0	6.6	6.0	0.5	-	-	-
3	2.4	-	-	-	2.1	0.9	2.5	-	10.2	5.2	-
4	4.0	2.4	3.0	6.5	7.9	11.0	5.9	-	-	5.2	7.3
5	-	-	-	-	0.6	3.5	5.7	3.7	-	0.3	-
6	1.7	1.4	-	0.5	0.3	2.3	2.3	1.5	-	1.9	-
7	-	-	-	-	1.0	5.2	1.8	0.4	-	6.3	-
8	-	1.9	3.0	2.8	3.2	2.6	0.6	0.8	-	-	3.3
9	-	1.6	-	0.5	7.7	3.9	2.0	5.2	-	-	13.0
10	4.8	5.8	5.6	1.7	0.3	1.0	1.1	-	2.5	-	1.0
11	-	4.8	-	11.3	2.5	3.6	0.2	1.0	-	-	5.2
12	-	8.0	6.4	22.6	5.0	6.2	7.2	2.6	5.2	-	-
13	1.6	-	-	-	1.2	0.4	1.1	3.0	-	3.4	1.5
14	-	3.9	3.0	-	7.4	0.2	1.1	1.9	-	5.6	-
15	-	-	-	-	3.4	1.8	1.2	0.1	-	15.0	12.7
16	6.1	4.0	1.0	1.5	-	3.5	0.3	0.3	1.7	6.7	21.4
17	-	10.4	1.7	14.5	3.4	4.0	4.0	0.3	-	9.0	8.5
18	-	3.0	2.8	1.4	10.5	2.5	6.0	2.2	-	-	0.5
19	-	1.3	-	1.7	1.2	3.2	2.2	2.6	-	21.5	8.5
20	5.3	4.3	6.3	10.2	1.3	1.3	3.5	1.3	-	14.1	1.7
21	-	-	-	-	0.1	3.6	-	1.7	-	19.8	4.1
22	-	-	-	10.7	10.6	7.0	2.4	3.5	1.8	2.4	4.5
23	0.9	-	-	-	0.1	3.4	-	0.1	0.9	-	0.5
24	2.7	2.8	4.6	-	-	0.2	1.7	0.5	-	-	3.9
25	1.3	6.2	-	2.3	5.4	3.0	4.3	2.7	2.4	30.3	12.1
26	-	-	7.0	0.7	3.0	1.9	5.3	1.1	7.5	18.2	6.8
27	-	-	-	-	0.1	4.4	2.3	0.2	-	4.6	9.7
28	4.6	10.3	-	0.2	0.1	0.7	-	0.4	-	-	7.5
29	7.1	0.8	-	-	-	0.6	-	-	-	-	-
30	-	-	-	-	-	0.8	-	-	-	-	0.7
31	8.7	11.3	5.5	4.4	0.2	-	0.2	1.2	-	-	0.8

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), WHEN CORRECTED FOR SEA-SPRAY
MARKED WITH ASTERISKS

	**	**	**	**	**	**	**	**	**	*	*	*	*	*				
DATE	N 19	N 20	N 22	N 23	N 24	N 25	N 26	N 27	N 28	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05
1	2.9	0.7	6.7	3.7	0.0	4.0	0.4	1.9	0.2	-	5.2	0.0	12.0	-	5.1	-	-	-
2	-	-	-	-	1.8	1.5	-	1.9	0.2	6.9	2.3	-	16.1	-	5.3	4.0	3.3	0.9
3	-	-	12.5	7.2	1.0	2.7	3.8	2.5	0.2	-	-	-	-	5.2	-	-	-	-
4	-	-	4.9	-	0.7	2.8	2.2	0.5	0.2	12.9	1.6	0.5	11.8	5.1	11.8	4.5	3.6	1.4
5	-	-	-	-	1.8	0.7	-	-	0.2	0.0	0.0	0.0	2.5	-	-	-	-	1.2
6	2.6	0.1	0.7	2.0	0.3	-	0.1	0.1	0.2	0.9	2.8	0.0	7.3	1.6	0.8	-	-	0.8
7	-	-	-	5.6	0.6	-	-	-	-	3.6	3.5	2.0	8.3	2.0	1.7	-	-	0.6
8	-	-	-	5.2	0.7	1.5	-	0.5	-	0.7	1.6	-	11.1	-	2.7	2.5	2.9	-
9	-	-	-	-	0.4	0.8	-	0.2	0.2	6.6	5.8	-	9.3	3.8	3.6	-	-	-
10	0.8	0.4	3.3	2.0	1.6	2.2	0.5	0.2	0.2	1.3	1.9	0.0	7.0	0.5	0.0	-	-	-
11	-	-	-	30.0	0.5	0.7	-	0.1	-	2.7	4.9	0.0	4.5	4.8	1.5	-	-	2.4
12	-	-	-	-	-	-	-	-	-	5.7	4.5	2.9	5.7	3.3	3.9	-	2.1	-
13	-	-	11.4	3.0	0.7	-	-	0.3	-	-	-	1.3	-	-	2.4	-	-	1.1
14	-	-	-	-	0.4	-	-	0.3	-	9.0	7.2	3.1	15.0	3.8	4.2	-	2.3	-
15	-	-	-	-	0.4	-	-	0.8	-	-	4.2	-	-	-	-	-	-	-
16	2.2	0.3	1.1	2.0	0.3	-	0.5	0.2	0.2	6.9	4.3	2.9	10.5	3.8	2.4	1.6	2.0	-
17	-	0.4	-	-	0.4	-	-	-	0.3	0.0	0.0	0.0	0.0	2.0	3.2	-	2.3	1.2
18	-	0.3	-	-	1.0	-	-	-	0.3	0.0	0.0	0.0	0.4	3.3	5.1	2.4	-	2.5
19	3.5	-	2.2	3.2	0.7	3.6	0.8	0.1	0.3	5.5	-	-	-	4.2	6.3	4.0	-	-
20	-	-	-	-	1.3	2.6	0.4	0.7	-	-	-	-	-	-	5.2	2.7	2.1	0.9
21	-	-	-	-	1.9	3.8	-	2.0	0.3	-	-	-	-	6.6	5.2	-	-	-
22	-	-	22.3	0.0	1.6	2.1	1.2	0.6	0.3	12.0	-	-	-	-	5.2	6.3	3.2	1.8
23	4.2	3.1	-	-	2.8	4.1	9.7	4.1	-	-	-	-	10.1	4.1	2.9	-	-	-
24	-	2.9	7.9	0.0	3.0	7.8	3.9	1.7	-	-	6.0	6.4	5.0	3.9	2.9	7.8	8.9	-
25	1.6	-	2.4	9.6	1.8	1.4	3.9	0.1	0.3	2.9	1.5	3.7	4.1	1.7	2.9	2.9	-	1.3
26	-	1.4	-	-	3.1	1.7	-	-	-	1.1	2.7	0.0	2.5	-	2.9	2.2	-	0.7
27	-	0.1	1.4	2.3	0.6	-	1.0	0.2	0.3	6.6	2.0	0.0	3.6	3.9	2.9	-	-	-
28	0.9	-	3.2	3.4	0.5	2.5	0.7	0.1	0.5	-	3.9	-	-	4.0	2.9	0.9	3.8	-
29	-	-	-	-	0.8	1.7	-	0.0	-	2.2	0.5	0.0	3.2	5.4	2.9	-	1.3	2.1
30	2.8	0.6	-	-	0.5	5.4	0.6	0.1	0.5	3.9	1.4	1.7	10.8	-	0.0	-	-	-
31	0.9	-	2.2	4.2	0.5	1.4	1.1	0.1	0.5	5.8	3.2	-	9.2	-	0.0	1.1	0.9	0.5

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), WHEN CORRECTED FOR SEA-SPRAY
MARKED WITH ASTERISKS

	*	**	**	**	**	**	**	**	**	**	
DATE	S 07	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	-	2.8	1.3	1.3	1.4	-	0.8	0.7
2	0.9	5.2	1.3	1.1	1.0	2.4	0.0	2.4	-	-	-
3	3.9	-	-	-	-	2.8	1.6	0.2	-	1.8	1.3
4	4.1	5.2	1.4	2.3	1.8	0.9	0.8	-	-	0.2	0.4
5	-	-	-	-	5.1	2.3	0.4	0.7	-	2.7	-
6	6.0	1.3	-	-	5.5	2.3	1.1	2.9	-	2.5	-
7	-	-	-	-	3.3	6.5	0.7	1.8	-	1.2	-
8	-	3.0	3.0	2.0	2.3	2.7	4.2	0.7	-	-	0.9
9	-	8.3	-	-	3.1	3.6	1.8	1.1	-	-	0.5
10	2.0	2.1	3.8	2.7	3.3	1.8	2.8	-	5.0	-	1.8
11	-	4.1	3.8	1.0	2.6	2.7	-	1.6	-	-	0.4
12	-	2.4	5.1	1.3	1.1	2.8	1.0	0.7	3.6	-	-
13	2.7	-	-	-	4.9	9.5	1.2	0.8	-	1.4	0.3
14	-	7.6	3.2	-	1.9	6.0	1.9	1.0	-	0.6	-
15	-	-	-	-	2.1	4.3	2.2	-	-	0.7	1.5
16	0.9	2.9	3.9	5.0	-	2.1	2.3	0.3	5.9	0.6	0.2
17	-	1.9	2.5	2.5	1.5	5.9	1.5	3.0	-	-	0.5
18	-	3.6	2.7	4.2	1.7	5.7	0.4	1.0	-	-	2.4
19	-	3.6	-	-	1.3	7.2	1.7	1.7	-	1.9	0.3
20	1.2	4.1	1.0	1.4	2.3	5.3	0.5	1.6	-	1.3	0.9
21	-	-	-	-	-	2.1	-	0.8	-	1.4	1.5
22	-	-	-	1.7	1.5	1.5	1.8	0.1	2.3	2.7	1.8
23	7.0	-	-	-	7.8	0.3	-	-	4.8	-	4.5
24	2.4	6.7	1.2	-	-	-	11.3	2.7	-	-	0.4
25	5.0	5.7	1.2	3.7	3.9	4.2	3.0	0.4	2.6	0.9	1.0
26	-	-	0.9	6.4	1.8	6.1	1.0	0.1	1.4	1.8	1.2
27	-	-	-	-	-	0.7	1.7	3.9	-	1.3	0.3
28	2.1	2.4	-	-	-	1.1	-	0.5	-	-	0.5
29	1.3	5.0	-	-	-	0.4	-	-	-	-	-
30	-	-	-	-	-	1.8	-	-	-	-	1.9
31	1.5	0.0	1.4	0.4	1.3	5.2	0.0	0.0	-	-	0.5

LONG RANGE TRANSPORT OF AIR POLLUTANTS: FINAL DATA

DECEMBER 74

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

* COMPUTED FROM PH

DATE	N 19	N 20	N 22	N 23	N 24	N 25	N 26	N 27	N 28	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05
1	7	-3	28	10	-90	80	14	7	11	-	142	*102	*78	-	72	-	-	-
2	-	-	-	-	42	16	-	5	11	93	122	-	*79	-	58	29	55	14
3	-	-	180	248	14	40	105	50	8	*135	*141	-	*110	89	-	-	-	-
4	-	-	89	-	-86	35	92	-5	8	90	83	110	62	62	104	52	57	41
5	-	-	-	-	-	-42	-	-	8	54	48	85	67	-	-	-	-	9
6	16	-3	4	26	-2	-	5	2	8	116	73	127	79	31	26	-	-	16
7	-	-	-	40	-17	-	-	-	-	94	55	*85	64	32	38	-	-	5
8	-	-	-	-	-2	35	-	8	-	*81	55	*129	81	-	32	19	17	-
9	-	-	-	-	-11	12	-	3	15	*100	106	*107	63	14	3	-	-	-
10	-232	14	48	-19	-	28	21	-2	15	59	46	82	48	62	-4	-	-	-
11	-	-	-	-	-12	-7	-	NEG	-	42	48	58	58	49	16	-	-	57
12	-	-	-	-	-	-	-	-	-	85	46	83	90	52	70	-	25	-
13	-	-	32	-10	9	-	-	-24	-	-	-	*33	*54	-	37	-	-	11
14	-	-	-	-	0	-	-	-10	-	170	94	55	70	52	110	-	29	-
15	-	-	-	-	-8	-	-	NFG	-	-	101	-	-	-	-	-	-	-
16	-50	15	31	17	0	-	12	-9	15	89	74	51	68	58	52	35	31	-
17	-	17	-	-	2	-	-	-	10	96	45	50	78	25	43	-	48	43
18	-	11	-	-	19	-	-	-	10	38	52	*54	85	42	14	47	-	46
19	-86	-	38	36	15	NEG	22	-3	10	*91	-	-	*126	48	39	29	-	-
20	-	-	-	-	21	-64	71	-29	-	-	*91	-	-	-	75	49	30	7
21	-	-	-	-	39	-3	-	30	10	-	-	-	-	73	75	-	-	-
22	-	-	63	0	16	-4	56	13	10	*62	-	*120	-	-	75	67	43	19
23	30	80	-	-	64	NEG	218	125	-	-	-	-	*55	30	49	-	-	-
24	-	-	135	150	63	100	86	21	-	34	71	88	56	80	49	80	102	-
25	15	-	15	100	45	26	86	12	10	34	53	51	45	28	49	40	-	49
26	-	63	-	-	NEG	-5	-	-	-	45	81	60	61	-	49	30	-	17
27	-	7	40	8	13	-	27	10	10	*95	64	77	52	26	49	-	-	-
28	-22	-	-2	-2	2	10	36	0	11	-	*93	*166	-	37	49	28	9	-
29	-	-	-	-	4	25	-	-2	-	56	58	83	53	48	49	-	2	45
30	45	-10	-	-	2	-	21	-16	11	*83	68	102	114	-	14	-	-	-
31	4	-	45	25	1	-9	30	-8	11	*126	101	-	*89	-	14	16	7	6

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

* COMPUTED FROM PH

DATE	S 07	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	-	-	-	-	0	3	-	-	*13	NEG
2	14	54	21	39	35	11	16	-	-	-	-
3	76	-	-	-	-	11	28	-14	-	*32	*32
4	75	76	4	68	44	17	29	-	-	NEG	NEG
5	-	-	-	-	-	NEG	32	17	-	NEG	-
6	12	32	-	-	-	NEG	49	29	-	*32	-
7	-	-	-	-	-20	96	24	-	-	*25	-
8	-	24	4	36	51	NEG	-	-120	-	-	NEG
9	-	82	-	-	44	40	41	-2	-	-	NEG
10	22	38	16	56	-	-20	67	-	NFG	-	NEG
11	-	79	16	40	47	13	-	8	-	-	*16
12	-	52	68	56	23	31	28	23	*89	-	-
13	23	-	-	-	14	-	34	30	-	*13	*32
14	-	81	40	-	61	-	50	31	-	NEG	-
15	-	-	-	-	34	20	60	-	-	*20	*25
16	32	67	-3	-13	-	35	-	-	*50	NFG	*16
17	-	23	62	53	36	77	43	-	-	*13	NFG
18	-	56	61	NEG	44	27	54	18	-	-	NEG
19	-	54	-	-	34	75	*21	-82	-	*13	NEG
20	10	22	34	30	62	18	31	*29	-	*13	NEG
21	-	-	-	-	-	-2	-	-4	-	*32	NEG
22	-	-	-	24	19	38	61	-4	*63	*40	*50
23	2	-	-	-	-	-2	-	-	*16	-	NFG
24	56	59	5	-	-	-	215	-	-	-	NFG
25	18	70	5	46	72	30	67	44	*28	*16	*63
26	-	-	-4	40	43	76	44	2	*25	*40	*32
27	-	-	-	-	-	50	34	-	-	NFG	NEG
28	24	31	-	-	-	-	-	-	-	-	NFG
29	11	54	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-97	-	-	-	-	*25
31	7	2	-2	-1	-	-	-	-33	-	-	NEG

LONG RANGE TRANSPORT OF AIR POLLUTANTS: FINAL DATA

DECEMBER 74

SO2 IN AIR (MICROGRAMS PER M3)

DATE	S 07	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 9	UK11
1	2	4	5	10	11	3	0	5	12	1	15	58
2	0	6	10	0	11	6	5	6	10	3	22	82
3	7	6	0	0	0	3	3	3	22	4	22	82
4	4	6	0	0	3	3	3	5	10	1	30	66
5	7	7	3	0	3	3	3	3	6	1	44	90
6	1	6	2	4	3	6	6	3	7	1	37	74
7	1	4	8	0	3	6	8	5	7	1	37	66
8	8	6	4	0	0	0	3	3	13	1	15	82
9	5	7	6	0	3	0	0	0	6	1	30	82
10	5	9	2	3	0	0	0	3	13	1	30	66
11	1	10	2	3	0	0	0	3	41	1	30	74
12	4	7	14	10	3	6	5	5	28	5	30	82
13	7	4	5	4	8	6	3	7	37	3	29	66
14	4	19	2	0	3	3	0	5	18	1	29	49
15	3	7	5	0	9	3	0	8	4	1	29	49
16	5	14	9	10	0	9	0	0	29	1	29	88
17	2	2	8	7	11	15	3	3	3	1	36	66
18	10	2	15	7	8	15	11	25	13	4	36	77
19	4	5	12	11	14	12	11	33	8	1	29	77
20	0	3	6	0	5	6	8	0	8	2	15	77
21	7	4	7	0	0	3	3	5	13	1	15	66
22	1	8	3	0	0	0	0	0	14	-	15	55
23	2	29	0	4	0	0	0	0	25	4	29	55
24	5	16	3	20	3	0	3	0	9	1	22	74
25	4	10	3	4	3	6	0	3	5	2	22	65
26	2	4	12	7	0	6	0	5	8	3	22	65
27	4	5	1	7	0	8	0	3	7	1	43	46
28	4	3	9	11	0	3	0	3	7	1	14	55
29	5	7	12	24	0	3	0	5	28	1	29	65
30	5	2	13	14	3	6	0	3	23	2	37	73
31	7	0	1	4	3	3	3	3	18	1	22	84

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	A 02	CH 1	CH 2	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01	F 02	F 03	F 04
1	4.0	1.7	4.0	4.8	3.4	1.4	3.1	2.2	2.3	-	3.7	4.3	6.8	2.4	6.2	2.3	2.0	2.1
2	0.0	0.3	5.7	6.2	-	0.2	2.9	1.0	0.2	1.9	2.6	3.8	4.8	0.4	6.4	0.0	3.4	0.8
3	5.9	0.6	9.8	4.1	2.2	0.5	5.5	2.2	0.1	1.9	2.8	2.3	3.8	6.1	14.6	0.4	1.0	0.0
4	4.3	0.6	4.7	5.3	6.5	1.2	2.2	1.9	0.2	3.7	2.5	2.6	4.8	3.4	7.8	8.6	14.7	1.0
5	2.4	0.8	3.8	3.1	0.5	1.2	1.4	1.0	1.0	1.7	0.7	2.3	1.1	12.1	7.8	2.4	7.1	0.3
6	1.7	1.3	7.6	3.6	1.0	1.4	2.6	1.0	1.6	3.8	1.1	1.3	2.2	0.7	0.0	0.0	5.4	0.0
7	0.0	1.9	6.1	3.1	1.4	1.2	2.9	0.5	0.0	0.8	1.6	1.7	2.3	3.0	5.0	2.2	5.0	0.3
8	0.0	4.1	5.6	3.1	1.0	1.2	1.9	1.0	0.1	1.0	2.8	3.5	3.2	6.4	1.5	8.6	1.3	0.0
9	9.2	1.3	6.9	4.1	4.8	0.5	4.3	1.0	-	0.1	1.1	2.0	3.7	3.8	5.0	11.0	4.7	1.8
10	14.8	0.7	3.8	3.6	1.7	1.4	1.7	2.2	1.2	1.0	0.7	0.8	2.4	2.5	2.1	6.6	3.6	0.0
11	0.0	1.8	3.0	1.9	1.2	0.2	0.5	0.5	0.4	0.6	1.3	1.3	1.9	4.1	0.0	2.4	2.8	0.0
12	2.5	0.7	4.0	1.7	1.0	1.2	1.0	0.5	0.1	0.6	0.7	1.2	1.2	1.4	0.0	3.0	2.5	0.0
13	5.0	4.8	5.5	1.9	1.4	0.2	1.0	0.5	0.5	0.4	1.6	1.4	1.9	0.8	0.0	3.8	2.9	5.0
14	3.4	1.0	6.3	4.6	3.8	0.2	2.4	0.5	0.7	2.0	2.0	3.0	6.2	6.6	3.3	5.0	4.8	1.4
15	1.5	1.4	6.1	2.9	2.4	0.5	1.2	0.5	0.2	-	0.6	1.3	1.9	15.5	0.0	4.4	3.3	0.4
16	-	1.4	3.6	3.6	2.6	1.0	-	0.5	0.2	0.8	1.9	2.0	3.8	3.0	2.6	1.9	3.4	3.1
17	1.6	3.0	1.2	2.2	1.4	0.2	-	-	-	0.8	1.4	1.2	1.9	7.6	0.4	1.8	1.9	1.0
18	0.8	1.3	2.5	3.1	0.2	0.2	-	-	0.2	1.7	2.4	1.4	1.6	2.0	1.2	0.4	2.5	1.4
19	6.7	2.1	4.2	4.6	1.4	0.2	3.4	0.5	0.2	1.6	2.3	2.0	3.5	4.1	8.1	3.8	3.2	2.5
20	3.4	1.0	7.7	3.4	3.4	0.2	1.4	0.5	0.2	2.5	3.5	3.4	4.3	4.9	9.6	7.0	2.2	0.2
21	8.1	1.0	11.2	4.6	3.6	1.2	3.1	0.5	0.0	4.9	5.4	5.4	7.0	5.0	17.8	7.7	0.0	0.7
22	13.4	0.9	11.2	4.8	3.6	1.2	3.1	0.5	0.1	9.2	4.4	5.2	8.4	6.0	15.2	9.0	3.2	0.6
23	22.8	0.8	11.8	5.8	5.5	1.2	28.6	0.5	0.0	4.7	9.2	11.0	13.9	1.2	22.2	7.2	6.7	5.4
24	24.8	0.8	5.8	4.6	4.6	0.2	1.4	1.0	0.0	5.5	6.8	5.5	6.5	7.9	8.2	2.2	4.2	0.4
25	7.1	0.8	3.0	1.7	1.2	0.2	1.0	0.5	0.0	2.3	2.2	3.4	4.3	14.6	5.6	4.0	3.5	0.0
26	7.4	0.3	2.4	2.2	0.2	0.2	0.2	0.5	0.5	3.0	1.7	1.8	2.4	3.7	5.9	3.0	1.8	4.1
27	2.0	1.1	1.6	1.7	1.2	0.2	1.0	0.5	0.1	2.5	1.8	1.8	3.1	1.3	2.7	3.7	3.0	1.0
28	0.5	-	1.8	2.4	1.4	0.2	0.7	-	0.1	2.6	2.0	1.9	1.1	2.2	1.8	1.4	0.6	0.0
29	1.2	0.2	1.5	2.4	0.2	-	0.2	-	0.6	2.0	0.7	1.2	0.8	1.3	5.0	2.6	1.6	1.1
30	1.4	0.4	4.0	2.4	-	0.7	1.0	0.5	-	1.3	1.2	1.1	1.7	0.2	29.8	4.9	6.0	6.8
31	2.2	9.7	6.3	2.6	3.1	0.5	3.4	0.5	-	1.9	2.4	1.6	5.6	2.4	21.4	3.8	2.6	2.6

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	F 05	F 06	IC 1	N 01	N 03	N 09	N 22	N 23	N 25	N 26	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04
1	4.2	0.6	0.6	-	0.7	1.3	6.4	3.3	0.9	1.0	5.1	3.7	3.8	7.0	2.7	4.6	2.8	3.3
2	7.0	2.2	0.6	0.1	0.7	0.0	1.6	1.9	0.0	0.2	4.4	4.7	4.8	7.9	1.6	2.7	1.5	1.9
3	12.2	8.4	1.1	0.1	0.9	0.9	2.3	2.4	0.1	0.3	10.7	8.6	6.0	10.6	1.5	2.2	0.3	0.6
4	7.8	3.8	0.8	0.1	0.5	1.4	2.7	2.4	0.0	0.3	5.4	4.6	4.0	4.7	2.2	3.2	1.4	1.7
5	0.9	2.0	1.1	0.0	0.3	0.2	0.9	0.5	0.4	0.3	2.0	0.9	2.1	2.4	0.3	1.1	1.2	0.5
6	9.6	2.6	0.8	0.0	0.2	0.4	1.5	0.7	0.1	0.3	4.5	3.4	4.3	5.7	1.0	0.9	0.8	3.6
7	9.5	3.6	0.8	0.2	0.4	0.5	6.8	3.2	0.1	0.0	4.5	3.4	5.0	4.8	0.9	2.3	0.7	2.7
8	7.8	2.7	0.9	0.8	0.7	0.9	4.1	2.7	0.1	0.7	7.9	4.7	3.9	6.5	1.5	3.3	1.5	2.0
9	4.9	4.4	0.5	0.6	0.5	0.2	1.0	1.7	0.2	0.8	3.6	3.5	2.3	4.7	1.7	2.0	1.2	1.5
10	0.0	3.8	1.3	0.4	0.3	0.2	1.9	1.1	0.0	0.6	4.4	2.1	1.7	3.3	1.7	1.5	1.4	1.9
11	10.9	3.7	0.6	0.3	0.4	0.6	0.4	0.4	0.2	0.1	0.7	0.7	-	1.2	2.3	1.8	1.4	1.9
12	8.0	4.6	1.0	0.2	0.2	0.2	2.5	0.2	0.2	0.1	4.8	-	-	4.3	1.4	1.9	1.3	1.3
13	11.3	10.6	1.2	0.7	0.7	0.6	0.4	1.2	0.1	0.2	3.7	1.7	2.6	4.9	1.9	1.4	0.9	1.1
14	4.3	10.9	0.6	0.7	-	0.5	0.9	1.6	0.0	0.5	5.1	7.3	2.9	6.2	2.6	3.6	2.1	2.6
15	3.4	5.7	0.6	0.3	0.2	0.5	0.3	0.4	0.1	0.0	5.1	1.9	3.2	6.4	2.0	1.1	1.1	1.8
16	0.0	3.6	0.5	0.5	0.1	0.1	2.5	3.5	0.1	0.3	4.3	3.4	2.5	3.0	2.1	2.3	2.1	2.6
17	11.0	2.0	0.4	0.3	0.2	0.1	2.3	0.5	0.2	0.3	2.1	1.4	5.0	1.8	1.0	1.9	1.3	2.3
18	5.0	3.7	0.7	0.8	0.6	0.7	1.7	0.7	0.1	0.5	2.0	0.9	1.4	1.9	2.0	2.5	2.3	3.5
19	7.8	0.0	-	0.9	0.5	0.7	1.8	1.4	0.3	0.2	5.3	4.6	3.8	6.9	2.1	2.6	1.9	3.3
20	19.0	6.4	1.2	0.9	0.9	1.2	1.7	2.2	0.0	0.2	6.4	4.0	3.2	4.8	2.2	4.1	1.7	2.0
21	35.1	15.7	0.9	2.9	3.8	0.8	4.6	5.9	0.1	2.0	7.4	6.6	6.1	5.0	3.7	6.7	4.3	4.0
22	24.1	11.0	1.0	1.1	2.3	2.5	1.0	5.4	0.2	1.3	6.6	6.3	5.8	4.7	11.1	6.2	4.3	4.5
23	18.6	14.5	1.8	1.4	3.9	3.3	4.0	8.4	0.4	2.6	7.7	8.4	9.7	7.0	1.4	9.1	4.9	3.8
24	3.6	6.9	0.8	1.5	3.0	2.2	8.7	7.7	0.0	3.2	5.2	4.3	4.2	3.9	7.9	9.6	9.2	9.3
25	13.4	5.5	1.1	0.2	1.3	0.7	2.0	3.1	0.0	0.7	3.6	3.5	-	-	2.1	3.1	1.7	3.2
26	5.0	6.9	1.0	0.4	0.3	0.9	1.6	1.4	0.0	0.3	3.3	2.2	3.0	4.5	0.8	3.0	1.4	1.3
27	0.2	3.5	0.4	0.7	0.7	0.0	0.9	1.6	0.1	0.5	3.3	1.9	2.1	4.1	1.9	1.2	0.6	0.6
28	3.8	2.9	0.8	1.0	0.5	0.3	2.5	1.5	0.1	0.7	3.5	2.3	2.5	1.6	1.3	2.6	1.0	0.3
29	11.3	3.7	1.0	0.2	0.3	0.1	3.5	0.9	0.7	0.3	1.3	0.9	1.5	2.6	0.5	2.0	1.8	1.0
30	8.6	10.5	1.2	0.5	0.4	1.8	1.6	1.9	0.1	0.7	3.4	1.9	3.3	4.6	1.5	2.1	0.7	0.7
31	13.8	15.4	1.0	0.7	0.9	1.7	2.5	2.0	0.0	0.3	6.6	4.2	3.8	8.4	-	2.1	0.9	1.9

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	S 05	S 07	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 7	UK 9	UK 11
1	1.6	1.5	3.1	2.0	1.8	2.9	1.6	0.8	0.6	3.0	1.0	1.0	4.0	2.0
2	1.4	0.8	4.0	1.7	1.3	1.3	2.4	0.9	0.8	4.0	1.0	1.0	4.0	1.0
3	0.4	0.3	1.0	0.3	0.6	0.3	0.8	0.5	1.3	7.0	2.0	1.0	4.0	4.0
4	0.7	1.2	4.7	0.3	1.4	0.7	0.6	0.6	1.1	2.0	1.0	1.0	2.0	5.0
5	0.4	0.0	0.6	0.9	0.8	0.9	1.8	0.6	0.6	2.0	1.0	2.0	5.0	4.0
6	0.0	0.1	1.5	1.3	1.1	1.2	2.9	0.8	0.6	4.0	1.0	1.0	4.0	3.0
7	0.3	1.1	2.0	2.0	1.3	1.9	3.3	1.9	1.4	3.0	1.0	1.0	4.0	5.0
8	1.0	1.4	4.1	2.1	1.3	0.8	1.6	1.1	0.5	3.0	1.0	-	3.0	7.0
9	0.2	0.6	3.6	2.5	1.1	0.5	1.3	0.6	0.2	2.0	1.0	1.0	2.0	8.0
10	0.2	0.5	2.8	1.8	0.9	0.1	0.4	0.5	0.6	2.0	1.0	1.0	2.0	5.0
11	1.6	0.9	2.8	1.8	1.6	0.8	1.2	0.7	0.5	7.0	1.0	1.0	4.0	6.0
12	0.9	0.1	1.5	2.9	1.3	1.9	1.9	1.2	0.9	1.0	1.0	1.0	3.0	6.0
13	0.1	0.1	1.0	2.1	0.6	0.6	1.1	0.7	0.8	3.0	1.0	1.0	3.0	5.0
14	0.4	1.0	5.6	1.6	0.1	1.1	1.4	0.4	0.6	1.0	1.0	1.0	3.0	7.0
15	0.1	0.3	4.1	1.0	0.8	0.8	2.5	0.9	0.5	3.0	1.0	1.0	3.0	5.0
16	1.2	1.1	4.6	0.9	1.1	0.7	1.4	0.7	1.1	5.0	1.0	1.0	2.0	6.0
17	1.2	1.2	1.7	2.9	1.4	2.9	3.5	0.8	1.0	3.0	1.0	1.0	3.0	8.0
18	3.0	0.6	1.8	1.9	1.1	1.2	2.5	1.6	1.8	1.0	1.0	1.0	3.0	6.0
19	2.5	0.3	2.1	1.8	1.5	1.6	2.3	1.7	2.1	2.0	1.0	1.0	2.0	8.0
20	0.5	0.9	4.0	1.2	1.1	0.8	2.8	0.9	0.4	4.0	1.0	1.0	2.0	8.0
21	0.1	1.5	7.9	1.3	1.3	0.9	1.0	0.5	0.5	2.0	1.0	1.0	3.0	8.0
22	0.1	2.5	8.3	2.0	1.8	1.5	1.0	0.7	0.4	6.0	2.0	1.0	3.0	8.0
23	0.7	1.6	7.4	1.2	1.3	0.8	0.4	0.4	0.2	4.0	2.0	1.0	3.0	4.0
24	1.7	4.2	13.0	5.4	3.8	2.5	1.8	1.5	0.7	2.0	1.0	1.0	2.0	7.0
25	0.2	1.3	3.6	5.4	1.5	1.4	1.6	1.1	0.8	1.0	1.0	1.0	1.0	6.0
26	0.3	0.7	3.3	1.2	1.1	0.9	1.2	0.7	0.2	2.0	1.0	1.0	1.0	4.0
27	0.3	0.3	0.4	0.4	0.6	0.3	0.5	0.5	0.4	2.0	1.0	2.0	1.0	4.0
28	0.9	0.7	1.8	1.1	0.6	0.5	0.5	0.6	0.4	2.0	1.0	1.0	2.0	4.0
29	0.4	1.5	1.5	0.8	1.2	0.7	0.6	0.6	0.2	2.0	1.0	1.0	2.0	4.0
30	0.2	0.8	1.0	1.0	0.7	0.3	0.5	0.5	0.6	3.0	2.0	3.0	3.0	-
31	0.5	1.9	1.4	1.0	0.8	0.6	2.0	0.6	0.6	5.0	1.0	2.0	3.0	7.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 19	N 20	N 22	N 23	N 24	N 26	N 27	N 28	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05	S 07
1	13	1	6	10	-	3	16	1	-	6	-	28	-	5	-	-	-	-
2	-	-	-	-	6	-	21	2	38	7	-	43	-	6	16	16	8	6
3	-	-	9	18	15	10	11	1	-	-	-	-	21	-	-	-	-	9
4	-	-	2	-	3	2	8	1	32	10	2	26	36	49	14	4	20	16
5	-	-	-	-	1	-	-	0	-	-	-	16	-	-	-	-	17	-
6	10	0	5	7	8	0	1	1	3	10	-	37	5	3	-	-	1	10
7	-	-	-	3	2	-	-	-	9	13	2	43	6	4	-	-	2	-
8	-	-	-	3	3	-	2	-	1	7	-	24	-	4	10	4	-	-
9	-	-	-	-	4	-	4	0	6	9	-	17	38	2	-	-	-	-
10	3	1	10	10	24	1	1	0	16	21	-	59	6	-	-	-	-	10
11	-	-	-	12	3	-	0	-	21	57	-	54	43	0	-	-	12	-
12	-	-	-	-	-	-	-	-	38	40	22	33	3	6	-	21	-	-
13	-	-	4	1	16	-	1	-	-	-	1	-	-	6	-	-	2	4
14	-	-	-	-	3	-	3	-	29	22	7	57	53	10	-	4	-	-
15	-	-	-	-	1	-	1	-	-	6	-	-	-	-	-	-	-	-
16	16	3	8	13	3	6	1	2	67	51	25	85	42	28	17	10	-	5
17	-	3	-	-	3	-	-	0	-	-	-	-	20	2	-	10	12	-
18	-	0	-	-	4	-	-	1	-	-	-	2	20	1	5	-	11	-
19	8	-	9	3	17	3	2	1	7	-	-	-	13	5	17	-	-	-
20	-	-	-	-	6	0	4	-	-	-	-	-	-	44	11	10	11	6
21	-	-	-	-	18	-	16	0	-	-	-	-	33	-	-	-	-	-
22	-	-	11	-	7	1	9	2	1	-	-	-	-	-	23	2	5	-
23	26	6	-	-	15	16	6	-	-	-	-	9	4	55	-	-	-	6
24	-	1	32	-	31	12	9	-	-	36	33	26	39	-	16	7	-	6
25	10	-	10	30	9	18	1	1	57	33	18	53	19	-	4	-	13	6
26	-	-	-	-	2	-	-	-	9	9	-	22	-	-	13	-	3	-
27	-	1	1	15	6	6	1	0	10	9	-	34	20	-	-	-	-	-
28	2	-	2	5	5	1	2	3	-	3	-	-	40	-	4	11	-	10
29	-	-	-	-	4	-	-	-	15	2	-	36	27	-	-	3	5	9
30	5	2	-	-	10	2	1	3	6	3	6	33	-	-	-	-	-	-
31	2	-	7	10	11	1	0	5	5	6	-	11	-	-	11	3	5	13

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	-	-	1	1	1	0	-	4	1
2	7	12	12	3	16	-	1	-	-	-
3	-	-	-	-	7	1	0	-	22	7
4	13	4	14	13	10	5	-	-	1	3
5	-	-	-	4	8	3	3	-	4	-
6	2	-	-	1	5	3	0	-	8	-
7	-	-	-	4	31	1	1	-	12	-
8	6	9	5	8	7	4	-	-	-	3
9	13	-	-	23	15	4	6	-	-	7
10	12	21	3	1	2	4	-	15	-	2
11	20	-	11	7	9	-	1	-	-	2
12	19	33	27	6	17	7	0	19	-	-
13	-	-	-	7	4	2	1	-	9	0
14	30	10	-	13	1	2	1	-	5	-
15	-	-	-	7	7	4	-	-	13	19
16	12	4	16	-	6	1	0	10	8	4
17	20	4	33	5	24	6	2	-	-	4
18	11	8	6	17	18	3	3	-	-	1
19	5	-	-	2	27	4	5	-	47	3
20	18	6	14	4	7	2	2	-	20	2
21	-	-	-	-	7	-	2	-	31	6
22	-	-	18	16	11	5	0	4	7	8
23	-	-	-	3	1	-	-	4	-	2
24	19	6	-	-	-	23	2	-	-	2
25	35	-	9	20	13	13	1	6	29	12
26	-	6	5	5	12	7	0	10	34	8
27	-	-	-	-	3	4	1	-	7	3
28	25	-	-	-	1	-	0	-	-	4
29	4	-	-	-	0	-	-	-	-	-
30	-	-	-	-	1	-	-	-	-	1
31	-	8	1	0	1	-	-	-	-	0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	N 19	N 20	N 22	N 23	N 24	N 25	N 26	N 27	N 28	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05
1	32	-2	27	26	-1935	-	95	58	28	-	170	*92	*179	-	65	-	-	-
2	-	-	-	-	126	-	-	56	99	502	378	-	*214	-	64	116	264	120
3	-	-	126	620	210	-	271	213	24	*67	*28	-	*99	356	-	-	-	-
4	-	-	42	-	-344	-	91	-A3	32	225	523	396	136	434	437	161	63	595
5	-	-	-	-	-	NEG	-	-	4	281	192	178	429	-	-	-	-	130
6	65	-9	25	73	-44	-	20	12	34	325	248	241	403	93	88	-	-	29
7	-	-	-	24	-60	-	-	-	-	235	204	*94	333	96	80	-	-	13
8	-	-	-	-	-10	-	-	34	-	*73	242	*64	178	-	48	76	22	-
9	-	-	-	-	-105	NEG	-	52	21	*90	159	*54	113	140	2	-	-	-
10	-798	39	141	-95	-	-	28	-10	3	732	501	1041	403	682	-6	-	-	-
11	-	-	-	-	-90	NEG	-	NFG	-	328	557	464	696	441	3	-	-	285
12	-	-	-	-	-	-	-	-	-	561	405	614	522	52	112	-	250	-
13	-	-	10	-5	212	-	-	-89	-	-	-	*36	*43	-	89	-	-	21
14	-	-	-	-	NEG	-	-	-89	-	416	282	132	266	728	253	-	49	-
15	-	-	-	-	-21	-	-	NFG	-	-	152	-	-	-	-	-	-	-
16	-360	171	241	111	NEG	-	130	-38	105	854	881	444	551	638	608	368	158	-
17	-	109	-	-	14	-	-	-	5	250	315	170	538	250	26	-	202	439
18	-	10	-	-	76	-	-	-	35	114	156	*129	527	252	3	89	-	198
19	-192	-	157	36	354	NEG	88	-51	40	*119	-	-	*126	144	31	122	-	-
20	-	-	-	-	99	NEG	68	-175	-	-	*36	-	-	-	630	206	147	87
21	-	-	-	-	363	NEG	-	239	8	-	-	-	-	365	-	-	-	-
22	-	-	30	NEG	74	NEG	52	197	50	*6	-	*96	-	-	-	248	30	55
23	187	144	-	-	352	NEG	368	183	-	-	-	-	*49	30	921	-	-	-
24	-	-	550	735	636	-	274	112	-	228	419	449	286	800	-	168	82	-
25	98	-	65	310	216	-	405	114	20	673	1129	245	580	308	-	60	-	500
26	-	-	-	-	NEG	NEG	-	-	-	346	267	288	537	-	-	180	-	80
27	-	63	38	52	130	-	170	52	10	*143	288	362	484	130	-	-	-	-
28	-57	-	-1	-3	18	NEG	73	NFG	66	-	*65	*66	-	370	-	123	25	-
29	-	-	-	-	22	-	-	-3	-	381	215	208	588	240	-	-	5	117
30	77	-29	-	-	37	-	64	-81	77	*125	122	337	342	-	207	-	-	-
31	9	-	136	57	20	NEG	30	-44	110	*101	192	-	*107	-	-	160	20	64

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	S 07	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	-	-	-	-	NEG	2	-	-	*68	NEG
2	91	70	189	437	112	72	107	-	-	-	-
3	182	-	-	-	-	26	25	-39	-	*383	*164
4	300	182	12	415	321	182	177	-	-	NEG	NEG
5	-	-	-	-	-	NEG	202	68	-	NEG	-
6	20	45	-	-	-	NEG	127	3	-	*95	-
7	-	-	-	-	-24	461	46	-	-	*249	-
8	-	46	12	86	168	NEG	-	NEG	-	-	NEG
9	-	131	-	-	321	164	94	-11	-	-	NEG
10	106	220	90	62	-	-24	94	-	NEG	-	NEG
11	-	379	-	432	132	43	-	5	-	-	*82
12	-	416	435	1187	122	186	207	14	*463	-	-
13	37	-	-	-	21	-	48	39	-	*81	*47
14	-	316	120	-	415	-	55	40	-	NEG	-
15	-	-	-	-	116	34	102	-	-	*381	*319
16	195	268	-3	-43	-	105	-	-	*85	NEG	*339
17	-	239	105	710	119	308	176	-	-	*161	NEG
18	-	168	171	NEG	444	84	367	54	-	-	NFG
19	-	70	-	-	44	278	*47	-221	-	*308	NEG
20	53	95	214	288	105	23	124	*32	-	*194	NEG
21	-	-	-	-	-	-7	-	-10	-	*702	NEG
22	-	-	-	254	194	266	159	-13	*114	*104	*226
23	2	-	-	-	-	-6	-	-	*14	-	NEG
24	151	165	23	-	-	-	430	-	-	-	NEG
25	23	434	-	110	367	90	281	106	*68	*512	*763
26	-	-	-28	32	112	152	290	3	*188	*744	*215
27	-	-	-	-	-	210	78	-	-	NEG	NEG
28	110	319	-	-	-	-	-	-	-	-	NEG
29	78	43	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-49	-	-	-	-	*18
31	61	23	-11	-2	-	-	-	-50	-	-	NEG