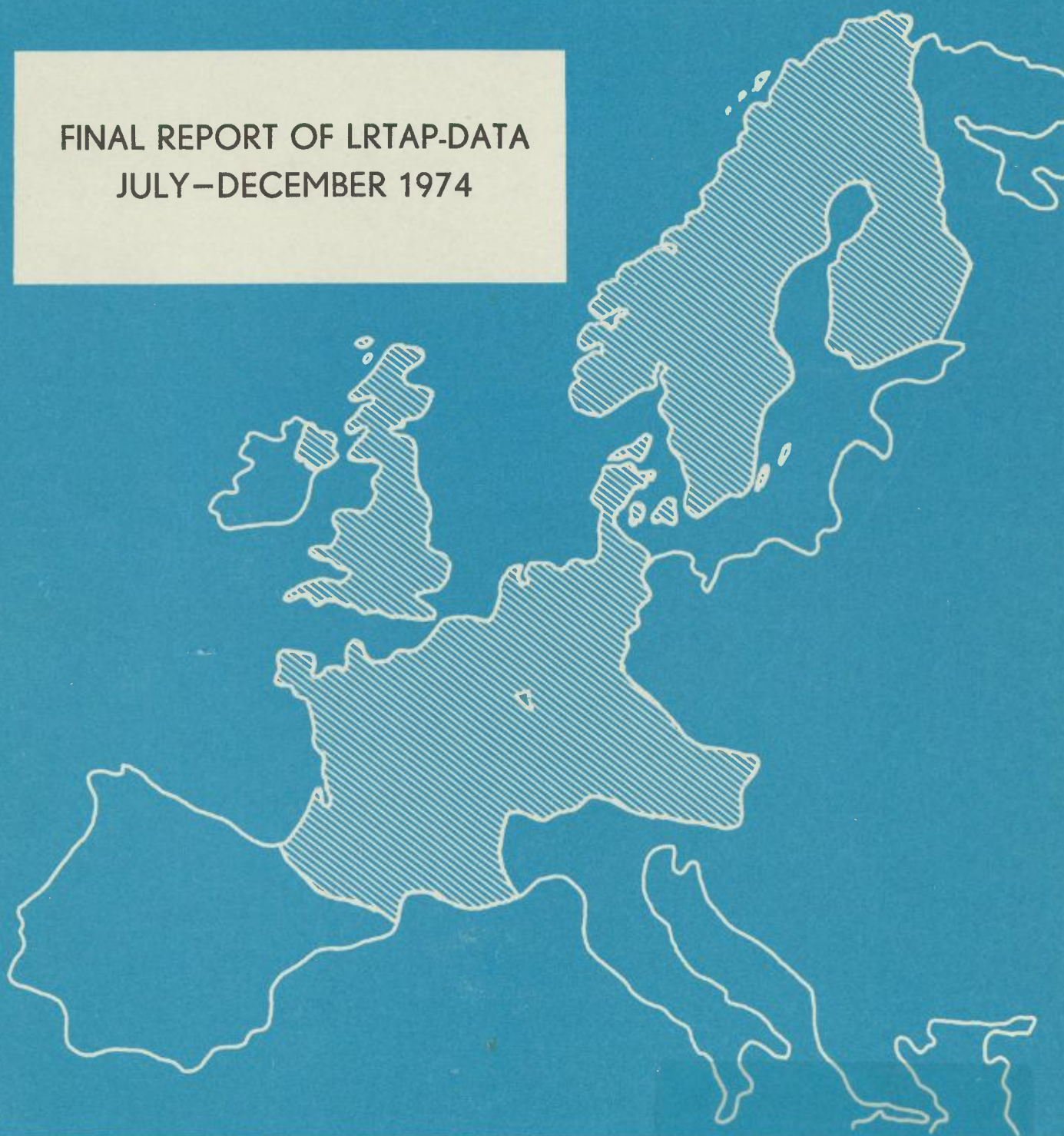


LONG RANGE TRANSPORT OF AIR POLLUTANTS

A cooperative OECD technical programme

FINAL REPORT OF LRTAP-DATA
JULY-DECEMBER 1974



CENTRAL COORDINATING UNIT
Norwegian Institute for Air Research
P.B. 115 - 2007 Kjeller - Norway

Norsk Institutt for luftforskning
Biblioteket



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LRTAP 20/75

NOVEMBER 1975

FINAL REPORT OF LRTAP-DATA
JULY-DECEMBER 1974

NORWEGIAN INSTITUTE FOR AIR RESEARCH
P.O. BOX 115, N-2007 KJELLER
NORWAY

FINAL REPORT OF LRTAP-DATA
JULY-DECEMBER 1974

INTRODUCTION

Some comments to the precision and accuracy of the data have been given in "Remarks on the Quality of the LRTAP Ground Sampling Data" (1).

In preparing this report, the original data and the correspondance on which the preliminary monthly summaries were based, have been examined. Further data which have since been made available, have been added together with corrections reported by the participants. The print-outs have been proof read and compared with the original data in order to eliminate punching errors.

Data from the extended sampling programme, November 1st-December 15th, are presented in a separate report (2). Supplementary analysis data for NO_2 and other components in air as well as precipitation are reported from West Germany, NH_4^+ and NO_3^- data are received from Switzerland, Finland, the Netherlands and Norway. The results are presented in the appendix.

GENERAL COMMENTS

The British station at Dean Moor, UK 8, was closed at the end of October.

The mountain station N 25, Hummelfjell, collects ice samples under icing conditions. The melted samples are analysed as precipitation and the results presented together with precipitation data from the other stations.

Precipitation

For some of the stations, precipitation samples have been collected over sampling periods of more than one day. In such cases, the total amount of precipitation has been given under the first day of the period, while the amount of precipitation for the following days have been set to 0.0 mm. The reported concentrations are repeated for each day.

The amount of precipitation is reported as mm (1) if obtained from the sample collection apparatus or from a simple precipitation gauge set up in connection with the sampling station.

When the amount of precipitation is obtained from a precipitation gauge which is part of the official meteorological precipitation network, mm (2) is reported.

A few countries report both official precipitation data and precipitation from sample volume. In order to obtain a complete block of precipitation amounts, the mm (1) data have been completed with mm (2) data which have then been marked with an asterisk. The official precipitation data are also given in separate tables.

The way of reporting lack of precipitation is inconsistent. Some countries report 0.0 mm for a not measurable amount of precipitation, and indicate no precipitation by a dash while

other participants do not make this distinction. In the final report, both no precipitation and not measurable amount of precipitation have been indicated by a dash. For the other components, a dash indicates data missing.

Sodium and magnesium in precipitation

The concentrations of these components are reported as they have been used to correct sulphate in precipitation for seaspray.

Sulphate in precipitation

When corrections for seaspray based on Na^+ -concentrations are made, it is indicated by an asterisk above the column. Two asterisks indicate corrections based on Mg^{2+} -concentrations. Assuming that the Na^+ and Mg^{2+} -concentrations detected are due to seaspray only, the corrections are made using the concentrations of Na^+ , Mg^{2+} and SO_4^{2-} in sea water (3). Salinity differences are not considered.

pH and strong acid concentration in precipitation

The acid concentration is computed from the reported pH-values when the strong acid concentration has not been determined. Usually, pH-values higher than 5 - 5.5 are associated with negative concentration of strong acid. When the pH-values are equal to or higher than 5.0, this is indicated in the computed strong acid data by NEG (negligible).

SO_2 in air

The sign "less than", $<$, has frequently been used in the report form. This particularly applied to the SO_2 -data. Due to the data processing, a fixed value has to be set. The number 0 has been chosen since "less than" usually appears with small numbers.

Particulate sulphate

Airborne particulate sulphate is determined as sulphur with an X-ray fluorescence spectrometer. Due to different distributions of sulphur with filter depth in samples and standards as well as to X-ray absorption by filter material, a correction has to be applied. The true concentrations are obtained by multiplying with experimentally determined factors usually between 0.7 and 0.8. Uncorrected values have been multiplied with 0.8 to estimate the true air concentration. Table 1 gives the stations which report particulate sulphate.

Precipitated sulphate and precipitated acid

The amounts listed are based upon the official precipitation amounts when available. The simple precipitation samplers will generally give low results, particularly for windexposed sites.

Days with no or not measurable amounts of precipitation are indicated with a dash.

Precipitated acid calculated from pH observations are marked with an asterisk before the figure.

TABLE 1: Stations reporting airborne sulphate particles
JULY-DECEMBER 1974

STATION \ 1974 MONTH	07	08	09	10	11	12
A 02	0	0	0	0	0	0
CH 1	1	1	1	1	1	1
CH 2	1	1	1	1	1	1
D 01	0	0	0	0	0	0
D 02	0	0	0	0	0	0
D 03	0	0	0	0	0	0
D 04	0	0	0	0	0	0
D 05	0	0	0	0	0	0
DK 1	1	1	1	-	1	1
DK 2	1	1	1	1	1	1
DK 3	1	1	1	1	1	1
DK 4	1	1	1	1	1	1
DK 5	1	1	1	1	1	1
DK 6	1	1	1	1	1	1
F 01	0	0	0	0	0	0
F 02	0	0	0	0	0	0
F 03	0	0	0	0	0	0
F 04	0	0	0	0	0	0
F 05	0	0	0	0	0	0
F 06	0	0	0	0	0	0
IC 1	0	0	0	0	0	0
N 01	1	1	1	1	1	1
N 03	1	1	1	1	1	1
N 09	1	1	1	1	1	1
N 22	1	1	1	1	1	1
N 23	1	1	1	1	1	1
N 25	1	1	1	1	1	1
N 26	1	1	1	1	1	1
NL 1	1	1	1	1	1	1
NL 2	1	1	1	1	1	1
NL 3	1	1	1	1	1	1
NL 4	1	1	1	1	1	1
S 01	1	1	1	1	1	1
S 02	1	1	1	1	1	1
S 03	1	1	1	1	1	1
S 04	1	1	1	1	1	1
S 05	1	1	1	1	1	1
S 07	1	1	1	1	1	1
S 08	1	1	1	1	1	1
S 09	1	1	1	1	1	-
SF 1	1	1	1	1	1	1
SF 2	1	1	1	1	1	1
SF 3	1	1	1	1	1	1
SF 4	1	1	1	1	1	1
SF 5	1	1	1	1	1	1
UK 1	1	1	1	1	1	1
UK 2	1	1	1	1	1	1
UK 7	1	1	1	1	1	1
UK 8	1	1	1	1	-	-
UK 9	1	1	1	1	1	1
UK 11	1	-	-	1	1	1

1: Corrected values reported ("SO₄CORR").
 0: Uncorrected values reported ("SO₄XRF").
 -: Data missing

REFERENCES

- (1) Schaug J., Semb A., Gram F., Norwegian Institute for Air Research, Remarks on the Quality of the LRTAP Ground sampling Data, LRTAP 16/75, May 1975.
- (2) Elmer, M., Norwegian Institute for Air Research, Advanced stations. Results from the 2nd 45-days Period of Extended Chemical Analysis Programme, November 1- December 15, 1974, (A preliminary discussion), LRTAP 14/75, May 1975
- (3) Sverdrup H.U., Johnson M.W., Fleming R.H., The Oceans, Prentice-Hall Inc. (1942).

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - JULY

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	FÆRØERNE	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	KELDSNOR	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 BARP	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	SKREADALEN	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	TAGMYRA	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	HUMMELFJELL	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	WITTEVEN	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	SJØANGEN	PA	58 46 N	14 18 E	127
54	S 04	RYDA KUNGSGARD	PA	59 46 N	17 08 E	25
55	S 05	BREDKALEN	PA	63 51 N	15 20 E	404
56	S 07	RØRBACKSVAS	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	JOKIOINEN	PA	60 49 N	23 30 E	106
61	SF 3	PUUMALA	PA	61 34 N	28 04 E	122
62	SF 4	AHTARI	PA	62 33 N	24 13 E	162
63	SF 5	SODANKYLA	PA	67 22 N	26 39 E	180
64	UK 1	COTTERED	PA	51 56 N	0 05 W	125
65	UK 2	ESKDALEMJIR	PA	55 19 N	3 12 W	243
66	UK 7	STORNOWAY	A	58 13 N	6 20 W	4
67	UK 8	DEAN MOOR	A	54 36 N	3 28 W	200
68	UK 9	KIRKBY UNDERWOOD	A	52 51 N	0 26 W	80
69	UK11	LITTLE HORKESLEY	A	51 57 N	0 52 W	60
70	UK12	PITLOCHRY	P	56 43 N	3 46 W	95

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 74

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

DATE	A 02	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6
1	1.7	-	10.0	-	5.2	8.1	-	11.1	2.6	8.1	1.6	2.3	-	2.5	1.5	-	7.1	7.7
2	-	-	-	1.5	-	-	-	9.8	0.5	-	3.7	-	-	-	-	-	-	-
3	10.5	5.8	14.0	-	13.6	12.1	5.8	8.4	4.3	16.9	8.5	6.1	1.9	5.1	9.2	8.3	3.9	2.9
4	-	-	-	-	-	-	-	6.8	3.7	-	-	-	-	-	8.1	0.3	2.8	1.4
5	-	-	25.0	9.0	-	-	-	4.6	13.2	-	-	-	-	1.6	2.7	1.2	2.6	3.9
6	3.5	4.0	4.0	-	-	6.6	-	4.2	3.0	-	2.7	15.5	-	-	4.1	-	1.4	-
7	-	-	-	-	-	-	-	-	0.2	-	-	-	2.6	-	-	3.7	-	7.1
8	-	-	-	0.4	-	-	-	6.2	-	-	-	3.9	16.5	-	-	-	-	0.3
9	20.2	-	0.2	-	2.0	0.7	-	0.9	14.3	-	-	11.4	0.5	1.0	1.5	1.2	2.1	-
10	-	-	-	-	-	-	-	1.6	3.3	1.1	1.3	1.7	2.9	0.7	-	-	0.5	-
11	10.8	-	-	-	-	-	-	-	-	17.7	36.4	4.1	-	3.8	5.6	1.3	8.1	-
12	4.4	-	-	1.8	-	-	-	2.4	-	4.2	1.9	19.6	0.7	3.4	4.6	-	8.5	-
13	-	-	47.0	3.4	3.8	3.1	30.0	14.2	-	4.7	22.1	1.0	2.6	7.4	18.8	13.5	2.1	-
14	-	5.9	-	-	6.4	30.4	133.0	-	-	7.2	4.0	2.3	-	4.2	1.7	-	-	-
15	-	-	-	1.2	-	-	0.3	2.8	0.9	-	-	-	-	7.0	7.7	-	0.6	-
16	-	2.6	53.0	0.2	6.7	28.1	22.0	9.0	4.9	6.3	2.0	1.2	-	8.3	7.0	1.9	8.5	0.3
17	-	10.6	6.6	7.2	2.9	24.3	16.1	-	-	-	3.5	33.0	-	-	3.9	0.4	3.2	-
18	-	10.9	2.6	3.8	9.0	29.4	-	-	-	31.9	0.4	26.7	37.1	-	-	-	-	-
19	-	3.8	13.0	0.5	7.0	23.4	-	2.0	0.6	1.7	-	1.3	21.0	-	0.5	1.0	0.2	-
20	-	15.8	-	-	2.0	6.5	-	-	-	5.9	0.3	4.6	26.4	-	-	-	-	-
21	4.5	4.8	-	-	-	0.5	-	7.6	-	-	-	2.9	27.6	-	-	-	-	-
22	-	-	-	-	-	-	-	1.3	-	-	-	-	3.6	3.0	1.8	2.0	-	-
23	-	-	-	13.6	-	-	-	8.6	-	-	3.5	1.9	2.6	1.6	-	1.0	0.7	-
24	1.7	-	21.4	-	18.8	59.8	23.0	1.2	2.5	31.9	6.7	10.5	-	0.2	6.5	-	6.5	5.5
25	-	-	-	-	-	4.0	-	-	7.0	2.8	1.1	0.7	2.0	-	0.8	-	-	1.0
26	-	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-	7.7
27	-	-	-	-	-	-	-	-	-	-	-	-	0.3	2.1	7.4	1.4	-	-
28	-	-	-	-	-	-	-	2.0	-	-	-	-	5.8	0.8	4.5	12.5	3.9	2.9
29	-	-	-	-	-	-	-	6.7	-	-	-	-	-	-	6.7	4.4	5.5	0.8
30	-	-	-	6.9	-	1.2	-	-	2.5	0.7	-	11.7	12.4	0.7	-	-	-	-
31	-	-	10.0	-	2.7	-	1.5	33.9	-	-	-	-	-	-	5.4	6.9	5.8	2.3

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

DATE	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16
1	-	-	-	-	0.3	-	-	-	-	-	-	-	0.8	-	-	8.3	3.8	1.5
2	-	-	-	-	-	-	1.8	-	-	-	-	-	8.7	2.9	-	12.5	7.6	-
3	-	-	-	3.7	-	-	0.5	-	-	2.7	-	-	2.2	10.3	7.0	4.6	0.7	2.1
4	-	-	-	-	-	-	1.0	0.3	0.5	1.4	-	-	-	6.4	2.0	7.6	-	3.1
5	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-	0.3	-	1.0	-
6	-	-	-	-	-	-	-	7.0	2.6	4.8	-	0.6	1.8	21.8	3.2	2.2	0.1	-
7	-	-	-	-	-	-	-	-	-	4.9	-	-	-	-	0.5	-	-	-
8	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	1.7	-
9	-	-	-	-	-	-	-	-	1.2	-	2.0	0.9	1.5	10.1	-	-	5.0	3.1
10	-	-	-	-	-	-	0.9	-	-	0.7	0.5	-	-	2.0	-	0.6	2.7	1.0
11	-	-	-	-	12.0	-	8.2	-	1.5	12.4	3.8	0.7	5.0	10.1	-	8.6	11.5	-
12	6.0	-	-	-	21.5	-	-	-	-	0.9	1.3	0.6	2.9	3.4	-	1.1	8.0	23.7
13	12.0	4.0	12.5	-	5.5	20.0	-	-	-	-	-	-	-	1.7	-	2.0	3.4	7.8
14	-	-	-	-	0.6	-	-	2.4	-	0.3	-	-	1.7	4.8	0.2	1.1	9.5	12.7
15	3.0	-	2.6	-	5.8	-	-	19.7	15.9	4.9	9.0	14.6	15.9	15.9	12.0	1.3	2.4	2.7
16	0.4	6.0	3.2	-	-	4.0	-	20.5	14.0	30.6	4.1	2.4	26.5	42.9	14.3	4.8	1.3	8.4
17	13.0	-	9.0	-	2.6	-	8.9	-	-	7.2	1.1	-	0.4	4.3	-	11.0	9.7	10.9
18	4.5	-	4.8	-	-	-	0.5	-	-	-	-	-	-	0.2	-	-	-	0.9
19	0.5	-	-	-	-	1.4	3.6	-	-	-	0.5	-	0.1	2.4	0.3	4.4	-	-
20	0.4	-	-	-	-	-	-	-	-	-	-	-	3.6	3.4	-	12.9	-	-
21	-	-	-	-	-	-	-	-	1.6	-	1.0	1.2	19.4	27.1	0.6	21.1	6.9	-
22	-	-	-	-	-	-	-	8.5	14.3	5.2	11.2	14.3	29.6	33.8	6.7	26.7	7.6	4.6
23	-	3.2	-	-	-	-	-	-	0.4	-	0.4	0.8	8.7	9.9	-	12.7	15.9	3.2
24	6.3	-	-	-	-	7.0	-	6.1	3.8	1.3	0.5	0.4	1.6	6.0	2.3	1.0	1.0	-
25	-	-	-	-	-	-	-	1.7	11.5	0.8	-	2.2	-	-	1.3	-	0.1	-
26	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-	-	-	4.8	8.4
27	-	-	-	-	-	-	-	-	-	-	1.6	0.5	-	0.3	-	16.9	8.3	-
28	-	-	-	-	-	-	-	0.8	-	2.7	3.5	13.4	14.3	-	33.2	10.4	1.2	-
29	-	-	-	-	-	-	-	0.2	2.2	-	2.8	3.5	11.5	14.2	-	7.4	1.0	2.4
30	-	-	-	-	1.6	7.0	-	-	-	-	1.8	-	1.3	14.6	-	7.1	3.7	0.3
31	-	-	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 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	1.0	-	-	-	-	-	-	-	-	0.8	5.4	1.1	2.1	-	-	-	0.6	10.5
2	-	-	10.6	-	-	0.9	-	-	-	17.2	4.3	9.4	11.3	-	17.6	10.5	0.1	4.9
3	7.4	20.1	15.3	6.0	-	6.2	14.1	10.9	16.6	2.5	2.5	0.5	7.7	4.5	-	1.7	-	-
4	9.9	8.3	3.8	1.6	2.4	7.8	-	3.3	1.3	14.9	18.7	9.6	4.3	6.0	-	-	2.6	-
5	5.4	-	6.2	-	12.7	-	-	7.6	3.7	0.6	7.7	4.8	0.4	2.0	0.4	4.6	0.1	-
6	-	-	4.6	0.8	0.3	-	1.8	4.3	-	0.1	2.6	1.2	0.5	11.0	-	8.8	2.5	13.0
7	-	-	-	-	-	-	0.4	-	-	0.1	0.1	0.1	0.1	-	-	-	11.7	1.5
8	-	-	-	-	-	-	-	-	-	0.1	0.1	-	0.1	-	-	-	1.2	1.6
9	-	-	-	-	-	12.7	-	-	-	0.1	0.1	0.1	-	-	-	-	24.0	14.8
10	-	-	6.7	-	6.0	-	-	-	-	0.2	2.6	0.2	0.7	2.0	-	-	8.3	25.0
11	-	8.1	-	1.1	-	1.1	-	-	9.5	0.1	0.1	0.1	0.2	8.0	1.3	-	0.1	10.0
12	1.6	-	3.2	0.8	-	-	1.1	-	5.4	2.4	1.2	0.1	0.1	10.0	0.5	-	0.1	1.4
13	-	-	-	3.2	-	-	-	-	-	5.4	20.4	10.5	0.3	-	25.0	-	-	3.8
14	0.6	-	2.7	-	-	7.6	1.0	-	3.5	1.4	5.2	0.2	0.3	1.5	0.6	25.4	12.5	9.8
15	0.4	-	0.4	1.8	16.1	4.8	7.5	2.0	-	0.2	0.6	8.6	0.1	4.0	7.8	-	-	4.6
16	17.8	38.3	28.1	17.3	20.1	30.6	23.9	15.3	10.5	2.5	0.6	0.2	1.1	2.0	-	3.5	-	0.8
17	0.7	9.4	-	-	2.1	0.6	0.4	0.8	5.1	4.7	3.4	0.5	1.6	-	-	2.0	2.7	4.8
18	-	-	-	-	-	-	-	-	-	0.1	0.2	0.2	4.7	-	-	-	-	-
19	-	-	-	-	-	6.9	-	0.9	1.1	0.8	1.3	0.5	0.1	-	2.0	-	-	-
20	-	-	-	-	-	12.4	-	0.2	1.1	0.1	0.2	0.1	1.4	-	-	-	-	7.6
21	-	-	-	-	-	19.8	-	-	3.5	0.1	0.1	0.1	0.1	-	-	-	-	4.2
22	7.0	-	0.5	2.4	2.2	20.0	4.0	3.8	3.8	6.7	6.6	9.2	0.1	-	5.8	3.5	-	0.8
23	-	-	-	-	-	14.1	-	10.2	0.3	1.9	0.7	0.3	2.3	-	-	-	0.3	3.8
24	-	-	-	-	-	1.6	0.7	-	2.4	0.1	3.3	1.0	5.0	1.0	-	-	-	1.1
25	-	-	-	-	-	-	0.2	3.2	6.4	0.2	2.0	-	6.8	6.0	-	2.6	3.0	1.7
26	-	-	-	1.2	-	-	-	-	-	1.4	4.6	-	5.7	-	8.1	10.9	0.1	36.1
27	1.3	-	-	2.5	-	-	-	-	0.8	0.1	0.1	0.1	0.3	1.0	-	1.9	-	10.9
28	-	-	-	-	-	5.0	-	1.1	9.5	0.1	0.1	0.3	0.1	9.0	4.8	-	-	12.0
29	-	-	-	-	-	5.1	-	0.3	0.2	-	0.1	-	0.1	9.0	2.7	-	4.1	0.5
30	-	-	-	-	-	13.2	-	-	0.5	0.1	5.9	11.3	-	2.0	-	-	1.3	-
31	-	-	-	-	-	3.1	-	-	0.3	0.1	0.1	1.2	0.1	2.0	-	-	1.4	13.7

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	UK12
1	-	-	2.8	5.7	2.2	-	1.4	3.6	-	-	-
2	2.2	-	-	-	-	14.2	-	21.4	5.1	5.5	1.2
3	1.0	-	2.5	-	-	2.5	-	16.8	-	0.3	2.5
4	2.9	-	1.1	0.1	0.6	-	-	3.9	1.9	9.3	0.7
5	1.5	0.8	-	-	0.5	2.9	-	1.7	0.9	11.3	7.7
6	1.9	7.3	9.4	1.3	0.6	7.5	-	-	-	-	-
7	-	1.6	-	-	-	12.5	10.1	5.5	-	0.4	-
8	-	0.9	0.7	1.9	0.3	1.7	-	-	-	1.9	0.5
9	1.5	12.0	0.4	12.8	0.5	4.4	1.6	-	-	-	-
10	1.2	1.4	20.5	8.2	9.3	-	8.8	-	0.5	2.8	3.1
11	-	-	4.3	1.8	10.2	1.8	5.3	-	-	0.6	-
12	4.9	-	25.8	-	-	-	5.6	0.4	0.7	5.8	0.1
13	1.9	-	-	-	1.2	-	0.4	1.1	9.2	3.9	2.0
14	1.7	-	-	5.7	0.2	-	0.2	5.5	0.6	9.6	0.9
15	8.0	-	3.5	-	0.1	7.9	-	3.7	2.9	6.5	23.6
16	9.5	-	-	2.6	1.4	14.6	-	9.8	1.1	0.1	-
17	13.7	-	26.1	10.5	5.3	-	15.1	5.0	-	-	-
18	4.9	-	-	-	24.8	-	0.9	-	-	0.8	0.6
19	-	32.0	-	18.3	5.0	1.9	6.7	-	0.4	1.2	-
20	-	15.0	7.9	9.2	0.4	-	16.4	2.6	-	-	-
21	-	-	-	-	-	27.5	-	3.4	-	0.5	-
22	3.2	-	-	-	-	-	-	2.8	0.3	-	0.5
23	0.4	-	-	-	-	-	-	-	-	0.8	0.3
24	-	-	-	-	-	-	1.4	3.3	0.9	0.1	1.2
25	1.6	2.8	-	8.2	0.8	8.9	-	0.2	0.9	1.6	0.1
26	5.8	52.6	4.7	37.6	1.4	-	14.8	0.8	-	0.7	3.4
27	2.5	0.5	-	-	2.8	0.5	4.0	-	-	2.0	1.4
28	-	1.3	-	-	1.0	0.7	1.2	-	0.2	0.2	-
29	0.8	7.2	1.4	0.7	0.9	0.6	4.5	0.8	-	0.5	0.6
30	9.8	-	-	-	6.1	9.1	3.9	9.4	-	-	-
31	0.8	-	-	-	7.2	0.2	7.5	-	0.2	0.4	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

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OFFICIAL PRECIPITATION DATA (MM)

DATE	OK 2	DK 3	DK 4	DK 5	DK 6	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 03	N 05	N 06	N 07
1	2.2	1.6	3.0	8.2	20.3	-	-	-	-	0.3	-	-	-	-	-	-
2	-	-	-	-	2.6	-	-	-	-	-	-	9.9	-	-	-	-
3	4.9	9.0	1.9	4.4	-	-	-	-	3.7	-	-	1.0	-	2.5	-	-
4	1.1	7.7	8.5	2.9	2.0	-	-	-	-	-	-	5.1	0.3	1.4	-	-
5	1.3	3.0	1.0	3.2	4.6	-	-	-	-	-	-	-	-	2.2	-	-
6	0.2	4.2	0.5	1.2	1.9	-	-	-	-	-	-	-	2.5	4.7	-	0.5
7	-	-	-	-	3.8	-	-	-	-	-	-	-	-	4.8	-	-
8	-	-	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-
9	1.2	1.8	1.0	-	0.2	-	-	-	-	-	-	-	1.3	-	1.8	1.0
10	-	-	-	0.5	7.6	-	-	-	-	-	-	1.0	-	-	0.6	0.6
11	0.8	3.8	4.1	1.9	0.5	-	-	-	-	12.0	-	10.4	1.5	12.2	3.9	1.3
12	3.5	5.2	4.0	9.4	-	6.0	-	-	-	21.5	-	-	-	0.7	1.5	1.0
13	9.6	19.4	3.5	2.1	-	12.0	4.0	12.5	-	5.5	20.0	-	-	-	-	-
14	7.3	2.2	-	-	-	-	-	-	-	0.6	-	-	-	0.2	-	-
15	3.5	7.7	1.0	0.6	-	3.0	-	2.6	-	5.8	-	-	15.5	4.8	9.1	14.8
16	11.7	7.2	1.2	9.1	-	0.4	6.0	3.2	-	-	4.0	-	14.0	30.3	4.6	2.9
17	-	4.0	0.3	3.6	-	13.0	-	9.0	-	2.6	-	12.0	-	7.2	1.2	-
18	-	-	-	-	-	4.5	-	4.8	-	-	-	0.2	-	0.1	-	-
19	-	0.7	0.3	0.4	-	0.5	-	-	-	-	1.4	4.6	-	-	0.2	0.2
20	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-
21	0.3	-	-	-	-	-	-	-	-	-	-	-	1.5	-	1.2	1.4
22	2.3	2.0	-	-	-	-	-	-	-	-	-	-	14.6	5.5	11.1	14.5
23	1.3	-	-	1.2	-	-	3.2	-	-	-	-	-	0.6	-	0.3	1.3
24	0.2	6.3	-	6.3	9.6	6.3	-	-	-	-	7.0	-	4.0	1.3	0.7	0.6
25	-	1.2	-	-	-	-	-	-	-	-	-	-	10.3	0.7	-	2.5
26	-	-	0.5	-	18.0	-	-	-	-	-	-	-	-	2.0	-	-
27	1.6	7.5	0.3	-	-	-	-	-	-	-	-	0.7	-	-	0.7	0.8
28	1.1	4.5	3.7	3.4	4.4	-	-	-	-	-	-	-	0.6	-	4.3	4.0
29	1.0	6.6	4.3	7.5	0.8	-	-	-	-	-	-	-	2.5	-	3.5	4.0
30	-	0.1	-	-	1.3	-	-	-	-	1.6	7.0	-	-	-	1.9	-
31	-	5.2	6.6	7.2	3.0	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 08	N 09	N 10	N 14	N 15	N 16	N 20	N 23	N 24	N 28	NL 1	NL 2	NL 3	NL 4	S 03	S 07
1	1.0	-	-	8.8	4.0	1.5	-	-	-	-	0.7	5.3	2.5	0.3	-	-
2	8.8	2.4	-	12.6	7.9	-	9.8	-	0.7	-	14.9	4.2	7.1	12.1	10.5	2.2
3	2.4	10.0	6.6	4.6	1.0	2.4	14.8	-	7.5	17.5	2.4	2.5	0.3	7.7	1.7	1.0
4	-	6.5	2.4	7.6	-	3.1	3.5	1.6	8.5	1.4	17.1	16.4	10.1	5.0	-	2.9
5	-	-	0.1	-	1.4	-	5.4	13.0	-	3.7	0.7	7.5	3.5	0.4	4.6	1.5
6	2.0	17.7	4.1	2.5	0.1	-	4.3	0.3	-	-	-	2.5	1.3	0.5	8.8	1.9
7	-	-	0.4	-	-	-	-	-	-	-	-	0.1	-	-	-	-
8	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-
9	1.4	9.1	-	-	5.3	3.2	-	-	14.7	-	-	-	-	-	-	1.5
10	-	2.5	-	0.7	2.7	1.0	6.3	2.7	-	-	0.2	2.7	0.3	0.7	-	1.2
11	4.7	11.0	-	8.9	11.7	-	-	-	1.6	10.6	-	-	-	0.3	-	-
12	3.2	4.2	-	1.2	8.3	22.3	3.2	-	-	5.5	2.4	1.1	-	-	-	4.9
13	-	1.8	-	2.2	4.3	9.0	-	-	-	0.8	5.4	20.0	10.0	0.1	-	1.9
14	1.6	5.2	-	1.2	9.5	13.4	2.9	-	7.8	3.7	1.7	5.2	-	0.5	25.4	1.7
15	15.5	15.5	11.8	1.6	3.0	3.0	0.5	11.5	5.0	0.2	0.3	0.6	8.4	-	-	8.0
16	27.1	53.0	14.1	5.1	1.5	9.1	26.0	24.9	32.0	10.7	0.6	0.4	0.4	1.3	3.5	9.5
17	0.7	4.0	-	11.1	10.1	12.0	-	2.1	1.1	5.5	4.7	3.4	0.1	0.7	2.0	13.7
18	-	0.2	-	0.5	2.8	1.0	-	-	-	-	-	0.2	-	-	-	4.9
19	0.1	3.1	0.1	4.7	-	-	-	-	8.1	1.5	0.9	1.0	0.9	2.1	-	-
20	3.5	3.5	-	13.6	-	-	-	-	13.6	1.3	-	0.1	-	-	-	-
21	18.5	31.0	0.3	21.9	7.5	-	-	-	20.5	4.1	-	-	-	-	-	-
22	29.9	45.5	6.7	27.1	8.3	3.9	0.9	2.0	21.1	4.1	7.7	6.8	9.4	4.4	3.5	3.2
23	9.0	10.2	-	12.7	16.2	3.0	-	-	14.0	0.3	1.8	0.5	0.1	4.2	-	0.4
24	2.1	5.3	2.1	1.2	1.2	-	-	-	2.2	2.6	0.1	3.0	1.2	5.4	-	-
25	-	-	0.5	0.1	0.1	-	-	-	-	6.2	0.1	0.8	-	5.8	2.6	1.6
26	-	-	-	5.2	8.9	0.5	-	-	-	-	1.3	4.5	-	0.8	10.9	5.8
27	-	0.1	-	17.4	8.7	-	-	-	-	0.9	-	0.1	-	-	1.9	2.5
28	12.5	14.2	-	34.5	10.0	1.3	-	-	5.8	10.3	-	-	0.3	-	-	-
29	12.1	14.2	-	8.2	1.1	2.6	-	-	6.0	0.2	-	-	-	-	-	0.8
30	1.9	14.0	-	7.5	4.1	0.3	-	-	15.5	0.6	-	5.8	11.2	-	-	9.8
31	-	2.0	-	-	-	-	-	-	3.5	0.3	-	0.1	1.5	-	-	0.8

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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OFFICIAL PRECIPITATION DATA (MM)

DATE	S 08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 2
1	-	5.2	1.7	-	2.3	3.9	-
2	-	-	-	14.2	-	21.3	5.9
3	-	-	-	3.1	-	14.4	0.4
4	-	0.2	0.6	-	-	6.6	10.0
5	0.8	-	0.9	3.6	-	2.2	11.7
6	7.3	1.7	0.9	8.3	0.2	-	-
7	1.6	-	-	13.2	9.9	4.1	0.4
8	0.9	2.6	0.6	1.9	-	-	2.2
9	12.0	14.2	1.4	5.3	1.3	-	0.1
10	1.4	8.2	9.2	0.2	9.7	-	6.3
11	-	2.3	9.6	2.3	5.8	-	0.6
12	-	-	-	-	6.3	1.4	5.6
13	-	-	1.6	-	0.6	1.5	4.1
14	-	6.1	0.4	0.1	0.5	5.7	9.6
15	-	-	0.3	8.0	0.5	4.2	7.5
16	-	2.7	1.5	14.9	0.2	10.0	0.2
17	-	10.3	5.5	-	14.7	4.4	-
18	-	-	23.4	-	1.3	0.2	1.1
19	32.0	18.4	5.2	2.1	6.5	-	1.0
20	15.0	9.0	0.9	-	16.6	2.8	-
21	-	-	-	24.2	-	0.8	0.5
22	-	-	-	0.1	-	6.6	13.4
23	-	-	-	-	-	-	1.2
24	-	-	-	-	1.6	4.1	-
25	2.8	8.6	0.9	9.0	-	0.2	1.5
26	52.6	37.2	1.8	0.1	16.0	1.1	1.0
27	0.5	0.2	3.4	1.1	4.8	0.9	2.0
28	1.3	-	1.5	1.2	1.7	-	0.4
29	7.2	0.9	1.1	1.3	4.8	0.9	0.4
30	-	-	6.0	9.3	4.1	9.6	-
31	-	-	7.2	0.4	7.6	-	0.3

CONCENTRATION OF SODIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	IC 1	S 02	S 08
1	-	25.4	1.4	-	2.0	0.2	-	-	-
2	-	-	-	-	-	-	3.6	25.0	-
3	-	14.8	0.6	1.6	2.2	0.6	1.4	25.0	-
4	-	-	1.2	-	2.5	1.8	0.6	25.0	-
5	-	11.2	0.9	4.4	1.2	0.8	-	104.0	8.5
6	-	-	0.4	-	1.6	-	-	104.0	0.4
7	2.2	-	-	3.4	-	0.4	-	104.0	1.7
8	0.9	-	-	-	-	0.7	1.9	-	1.8
9	0.8	32.6	1.5	5.4	3.4	-	-	-	0.4
10	2.0	27.4	-	-	-	-	0.9	-	0.5
11	1.5	-	0.7	3.4	1.0	0.6	0.12	27.5	-
12	8.2	14.8	1.8	-	2.4	-	-	125.0	-
13	1.0	2.8	0.2	3.8	-	-	-	2.4	-
14	-	3.6	1.5	-	-	-	-	2.9	-
15	-	0.9	0.4	-	16.8	-	-	16.3	-
16	-	1.4	0.2	4.6	0.8	-	-	-	-
17	-	-	0.7	-	1.8	-	0.4	-	-
18	1.0	-	-	-	-	-	8.1	-	-
19	6.6	-	2.2	11.6	-	-	2.6	38.0	0.4
20	6.0	-	-	-	-	-	-	38.0	0.2
21	5.0	-	-	-	-	-	-	38.0	-
22	1.9	65.0	3.6	7.6	-	-	-	41.0	-
23	3.4	23.8	-	9.0	7.1	-	-	41.0	-
24	-	23.8	0.6	-	1.2	3.8	-	41.0	-
25	5.0	-	1.2	-	-	2.8	-	41.0	0.7
26	-	-	-	-	-	1.4	-	-	0.4
27	-	22.6	0.8	14.4	-	-	-	38.2	4.0
28	5.6	12.8	0.9	3.0	2.7	1.6	-	4.8	4.8
29	-	-	2.0	6.0	2.1	5.4	-	133.0	1.1
30	2.7	47.0	-	-	-	-	-	133.0	-
31	-	-	0.6	2.7	0.8	2.4	-	133.0	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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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 18	N 19	N 20	N 22	N 23	N 24	N 26
1	-	-	-	-	-	0.18	-	-	0.04	0.03	0.12	0.76	-	-	-	-	-	-
2	-	-	-	-	-	0.03	0.71	-	0.03	0.01	-	-	-	0.03	-	-	0.39	-
3	-	-	0.07	-	-	0.02	0.13	0.10	0.01	0.02	0.05	0.01	0.03	0.01	0.22	-	0.26	0.04
4	-	0.15	0.03	-	-	-	0.14	0.03	0.01	-	0.02	0.02	0.03	0.02	0.32	4.35	0.15	-
5	-	-	0.06	-	-	-	-	0.06	-	0.07	-	0.01	-	0.02	-	0.26	-	-
6	0.02	0.03	0.02	-	0.07	0.07	0.03	0.03	0.04	0.09	-	-	-	0.02	0.14	4.16	-	0.03
7	-	-	0.03	-	-	-	-	0.06	-	-	-	-	-	-	-	-	-	0.18
8	-	-	-	-	-	-	-	-	-	0.23	-	-	-	-	-	-	-	-
9	-	0.04	-	0.43	0.05	0.03	0.15	-	-	0.21	0.06	-	-	-	-	-	0.11	-
10	-	-	-	1.50	0.10	-	0.29	-	0.09	0.03	0.12	-	-	0.02	-	0.59	-	-
11	-	0.08	0.03	0.94	0.35	0.09	0.26	-	0.03	0.03	-	-	0.05	-	0.46	-	0.12	-
12	-	-	0.04	1.15	0.65	0.03	0.16	-	-	0.04	0.02	0.27	-	0.02	0.92	-	-	0.27
13	-	-	-	-	-	-	0.12	-	0.03	0.03	0.04	-	-	-	0.44	-	-	-
14	-	-	0.08	-	-	0.05	0.06	0.12	0.60	0.02	0.02	0.16	-	0.02	-	-	0.06	0.27
15	0.04	0.03	0.03	0.19	0.12	0.01	0.03	0.02	0.05	0.08	0.03	0.14	-	0.02	1.66	1.37	0.03	0.01
16	0.05	0.10	0.03	0.30	0.34	0.02	0.05	0.03	0.02	0.07	0.01	0.02	0.01	0.01	0.19	0.54	0.04	0.01
17	-	-	0.01	0.31	-	0.04	0.35	-	0.02	0.02	0.03	0.24	0.02	-	-	1.03	0.26	-
18	-	-	-	-	-	-	0.26	-	-	0.04	6.15	-	-	-	-	-	-	-
19	-	-	-	0.70	-	0.16	0.16	0.08	0.04	-	-	-	-	-	-	-	0.08	-
20	-	-	-	-	-	0.59	0.79	-	0.16	-	-	-	-	-	-	-	0.34	-
21	-	0.27	-	3.12	1.21	0.08	0.12	0.27	0.03	0.37	-	-	-	-	-	-	0.22	-
22	0.13	0.07	0.10	1.02	0.30	0.01	0.09	0.02	0.01	0.03	0.07	0.13	-	0.04	2.85	6.20	0.17	0.03
23	-	0.17	-	4.80	0.58	0.16	0.24	-	0.02	0.01	0.03	-	-	-	-	-	0.17	-
24	0.13	0.10	0.11	0.44	0.33	0.11	0.08	0.10	0.03	0.20	-	-	-	-	-	-	0.19	0.05
25	0.09	0.01	0.03	-	0.06	-	-	0.05	-	0.36	-	-	-	-	-	-	-	-
26	-	-	0.03	-	-	-	-	-	0.10	0.03	0.19	-	-	-	0.95	-	-	-
27	-	-	-	0.58	0.20	-	0.24	-	0.01	0.14	-	1.11	-	-	0.47	-	-	-
28	-	0.08	-	1.56	0.30	0.32	0.17	-	0.01	0.01	0.07	-	-	-	-	-	0.26	-
29	-	-	-	1.64	0.39	0.16	0.29	-	0.03	0.04	-	-	-	-	-	-	0.18	-
30	-	-	-	1.35	-	0.16	0.23	-	0.03	0.02	0.33	-	-	-	-	-	0.23	-
31	-	-	-	-	-	-	0.31	-	-	-	-	-	-	-	-	-	0.17	-

CONCENTRATION OF MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 27	N 28	NL 1	NL 2	NL 3	NL 4	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	0.17	0.24	0.90	0.03	0.05	0.05	-	0.03	0.03	-	-	-
2	-	-	0.07	0.07	0.47	0.03	-	-	0.05	-	0.08	0.07	0.05	0.25
3	0.09	0.01	0.11	0.69	-	0.09	-	-	0.05	-	0.03	-	0.09	0.06
4	0.02	0.01	0.13	0.04	0.47	0.12	-	2.09	-	-	0.05	0.08	0.02	0.19
5	0.02	0.01	-	0.04	0.18	-	-	0.17	0.15	-	0.08	0.05	0.09	0.02
6	0.02	-	-	0.29	1.92	-	0.18	0.15	0.05	-	-	-	-	-
7	-	-	-	-	-	-	-	-	0.03	0.08	0.17	-	0.23	-
8	-	-	-	-	-	-	0.08	0.13	0.05	-	-	-	0.13	0.07
9	-	-	-	-	-	-	0.10	0.20	0.03	0.17	-	-	-	-
10	-	-	-	0.26	-	-	0.05	0.05	-	0.05	-	0.13	0.04	0.04
11	-	0.01	-	-	-	-	0.05	0.03	0.40	0.05	-	-	0.59	-
12	-	0.01	0.40	0.06	-	-	-	-	-	0.05	0.37	0.15	0.09	0.38
13	-	-	0.13	0.03	0.19	-	-	0.07	-	0.25	0.22	0.04	0.03	0.02
14	-	0.01	0.08	0.07	-	-	0.18	0.25	-	0.35	0.03	0.20	0.07	0.05
15	0.03	-	-	-	0.91	-	-	-	0.07	-	0.03	0.07	0.03	0.01
16	0.03	0.01	0.20	-	-	0.10	0.13	0.13	0.03	-	0.00	0.21	-	-
17	0.02	0.01	0.14	0.22	-	0.13	0.10	0.17	-	0.10	0.13	-	-	-
18	-	-	-	-	-	0.01	-	0.00	-	0.03	-	-	0.19	0.04
19	0.02	0.01	0.17	0.30	-	-	-	0.17	0.77	0.05	-	0.28	0.14	-
20	0.15	0.08	-	-	-	0.10	-	0.50	-	0.03	0.03	-	-	-
21	-	0.02	-	-	-	-	-	-	0.05	-	0.00	-	0.39	-
22	0.03	0.01	0.05	0.05	1.16	-	-	-	-	-	0.05	0.27	-	0.05
23	0.01	-	0.08	-	-	0.07	-	-	-	-	-	-	1.01	0.13
24	-	0.01	-	0.07	0.72	0.03	-	-	-	1.68	0.03	0.06	0.30	0.11
25	0.05	0.01	-	0.10	-	0.06	0.07	0.13	0.07	-	0.30	0.13	0.26	0.08
26	0.03	-	0.20	0.11	-	0.11	0.05	0.07	-	0.03	0.05	-	0.11	0.06
27	-	0.01	-	-	-	-	-	0.10	0.25	0.05	-	-	0.18	0.11
28	0.05	0.01	-	-	-	-	-	0.07	0.15	0.03	-	0.13	0.05	-
29	0.10	-	-	-	-	-	0.25	0.07	0.20	0.03	0.55	-	0.14	0.07
30	-	0.01	-	0.06	0.16	-	-	0.00	0.10	0.07	0.05	-	-	-
31	-	0.01	-	-	2.21	-	-	-	0.20	0.00	-	0.19	0.34	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS: FINAL DATA

JULY

74

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

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06
1	-	1.2	-	0.9	1.5	-	13.0	7.1	3.0	4.8	4.9	-	-	-	-	2.6	-
2	-	-	3.0	-	-	-	7.6	6.4	-	3.6	-	-	-	-	-	-	2.9
3	1.9	1.3	-	1.2	2.2	8.8	13.4	4.9	7.5	2.7	4.4	-	-	-	5.6	-	-
4	-	-	-	-	-	-	7.3	6.2	-	-	-	-	-	-	-	-	-
5	-	3.6	3.6	-	-	-	4.9	6.6	-	-	-	-	-	-	-	-	-
6	0.7	6.9	-	-	4.0	-	11.5	8.8	-	5.4	4.4	-	-	-	-	-	-
7	-	-	-	-	-	-	-	6.4	-	-	-	-	-	-	-	-	-
8	-	-	4.4	-	-	-	19.7	-	-	-	8.5	-	-	-	-	-	-
9	-	1.1	-	5.8	4.9	-	56.4	4.9	-	-	4.4	-	-	-	-	-	-
10	-	-	-	-	-	-	43.2	9.2	9.6	7.5	8.2	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	4.5	3.5	-	-	-	-	6.0	-
12	-	-	3.0	-	-	-	49.4	-	2.7	3.9	1.8	9.0	-	-	-	3.9	-
13	-	2.6	1.4	6.7	7.5	10.8	7.0	-	6.6	2.4	7.9	3.3	15.9	7.8	10.2	1.2	4.5
14	4.6	-	-	3.1	1.0	4.8	-	-	3.3	3.6	2.8	-	-	-	3.9	6.2	-
15	-	-	3.1	-	-	6.0	20.3	5.9	-	-	-	3.6	-	-	3.8	-	8.6
16	0.0	1.6	3.9	1.6	1.9	4.4	7.1	5.9	4.2	4.8	4.0	-	6.2	5.9	7.1	-	4.0
17	1.8	1.9	3.0	2.5	1.5	3.4	-	-	-	5.7	1.8	-	-	5.6	3.9	5.8	-
18	0.7	1.9	5.3	3.0	1.3	-	-	-	3.9	-	2.4	12.6	-	5.6	3.6	-	-
19	0.7	2.4	15.0	3.3	2.5	-	48.5	6.7	7.5	-	6.5	-	-	-	-	-	3.3
20	1.6	-	-	11.4	3.6	-	-	-	12.3	-	7.6	-	-	-	-	-	-
21	1.0	-	-	-	10.9	-	30.0	-	-	-	7.9	-	-	-	-	-	-
22	-	-	-	-	-	-	11.6	-	-	-	-	-	-	-	-	-	-
23	-	-	1.3	-	-	-	11.0	-	-	4.5	3.7	-	3.3	-	-	-	-
24	-	0.4	-	1.9	1.9	5.2	32.4	12.0	6.9	5.1	7.7	4.2	-	-	2.1	-	-
25	-	-	-	-	2.8	-	-	12.8	9.3	4.8	4.0	-	-	-	-	-	-
26	-	-	-	-	-	-	-	5.3	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	58.8	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	30.0	-	-	-	-	-	-	-	-	-	-
30	-	-	3.7	-	2.0	-	-	3.4	3.0	-	12.5	-	-	-	-	-	7.2
31	-	1.8	-	6.1	-	14.2	11.9	-	-	-	-	-	-	-	-	-	-

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 18
1	-	-	-	-	-	-	8.2	-	-	1.0	0.2	2.3	11.6
2	3.6	-	-	-	-	-	1.6	6.0	-	0.5	0.1	-	-
3	3.6	-	-	2.7	-	-	0.4	1.4	2.5	0.1	0.3	1.5	0.7
4	0.9	-	0.0	1.1	-	-	-	1.2	0.5	0.6	-	0.6	2.1
5	-	-	-	1.4	-	-	-	-	0.8	-	0.9	-	0.7
6	-	0.7	0.7	0.6	-	1.4	5.9	1.0	0.8	0.8	-	-	-
7	-	-	-	0.7	-	-	-	-	0.8	-	-	-	-
8	0.1	-	-	-	-	-	-	-	-	-	2.4	-	-
9	-	-	0.2	-	3.0	0.9	0.2	2.1	-	-	0.6	1.1	-
10	0.4	-	-	-	1.4	0.5	-	1.9	-	0.6	0.7	1.5	-
11	0.1	-	0.1	1.1	2.1	3.0	0.1	1.6	-	0.4	1.0	-	-
12	-	-	-	0.1	0.5	0.0	0.1	0.7	-	-	0.4	0.3	3.8
13	-	-	-	-	-	-	-	1.8	-	0.7	1.3	1.0	-
14	-	0.9	-	0.4	-	-	0.6	0.5	0.9	1.6	0.9	0.4	2.4
15	-	1.4	1.3	1.4	1.6	2.0	0.4	0.7	0.3	1.5	0.1	0.1	4.1
16	-	2.0	3.5	1.9	2.1	5.4	1.8	3.2	1.1	1.0	0.2	1.5	2.5
17	1.0	-	-	2.1	5.8	-	2.0	1.7	-	0.4	1.5	1.7	5.0
18	2.5	-	-	-	-	-	-	1.9	-	-	0.2	0.0	-
19	0.8	-	-	-	3.6	-	1.5	2.7	0.0	0.4	-	-	-
20	-	-	-	-	-	-	1.5	0.9	-	0.4	-	-	-
21	-	-	3.0	-	6.4	6.5	0.9	1.1	2.9	0.4	0.3	-	-
22	-	4.2	2.7	2.9	4.9	6.3	0.4	0.7	1.5	0.3	0.1	0.3	2.9
23	-	-	1.0	-	2.0	1.5	4.2	0.8	-	0.4	0.1	0.8	-
24	-	2.0	1.4	1.1	1.2	2.4	4.0	0.4	1.6	0.4	0.9	-	-
25	-	1.9	0.3	0.5	-	0.3	-	-	1.5	-	1.0	-	-
26	-	-	-	0.5	-	-	-	-	-	1.0	0.8	1.0	-
27	-	-	-	-	2.7	2.0	-	0.1	-	0.7	0.6	-	1.4
28	-	-	0.1	-	0.3	0.4	0.0	0.1	-	0.1	0.1	0.5	-
29	-	-	0.6	-	0.0	0.2	0.0	0.0	-	0.4	0.2	0.1	-
30	-	-	-	-	0.5	-	0.7	0.0	-	0.4	0.3	1.6	-
31	-	-	-	-	-	-	-	0.4	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 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 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	-	-	-	-	-	-	-	-	9.4	5.5	2.8	2.8	-	-	-	3.4	1.1	-
2	-	2.3	-	-	5.5	-	-	-	2.1	2.1	1.6	0.6	-	2.4	3.8	-	0.9	2.6
3	2.2	0.6	2.4	-	0.8	2.2	1.3	0.6	3.7	4.8	-	3.5	11.7	2.4	6.8	-	-	4.5
4	2.6	0.1	2.2	6.2	0.4	-	0.3	0.4	5.2	1.8	5.3	9.1	3.3	2.4	-	3.9	-	1.1
5	-	1.6	-	1.6	-	-	0.7	1.9	-	6.2	3.7	-	3.0	2.3	2.3	-	-	3.9
6	-	0.6	5.1	7.5	-	1.0	0.6	-	-	6.0	3.7	-	5.7	2.3	0.9	1.6	1.6	1.6
7	-	-	-	-	-	0.8	-	-	-	-	-	-	-	2.3	-	1.8	2.9	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	2.1	-
9	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-	1.6	1.7	2.0
10	-	0.7	-	1.8	-	-	-	-	-	10.1	-	-	6.9	-	-	1.8	2.1	1.9
11	2.7	-	2.0	-	1.1	-	-	0.4	-	-	-	-	2.7	7.1	-	-	2.0	-
12	-	0.7	0.9	-	-	4.4	-	0.3	17.1	2.9	-	-	1.4	1.6	-	-	3.9	1.2
13	-	-	0.6	-	-	-	-	-	7.6	5.0	7.7	-	-	2.3	-	-	2.1	1.7
14	-	0.7	-	-	0.6	5.3	-	0.1	11.1	5.9	-	-	13.2	7.9	4.4	0.9	2.3	2.1
15	-	0.6	3.6	1.6	0.2	1.5	0.7	-	-	-	9.2	-	6.3	6.0	-	-	0.6	1.2
16	2.1	1.0	2.2	2.5	1.1	1.2	1.0	0.1	57.5	-	-	12.6	8.6	-	8.5	-	1.3	1.8
17	1.6	-	-	3.9	0.1	1.9	2.2	0.4	7.0	2.9	-	9.7	-	-	5.5	5.7	4.5	2.6
18	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-	-	-	2.8
19	-	-	-	-	1.3	-	0.4	0.1	6.5	6.2	-	-	-	6.0	-	-	-	-
20	-	-	-	-	0.3	-	0.3	0.1	-	-	-	6.7	-	6.0	-	-	3.4	-
21	-	-	-	-	0.7	-	-	0.3	-	-	-	-	-	6.0	-	-	0.7	-
22	-	1.3	8.5	8.4	0.4	1.7	0.2	0.1	3.5	3.2	3.3	-	-	6.9	10.2	-	0.8	3.9
23	-	-	-	-	0.4	-	0.3	-	4.3	-	-	4.5	-	6.9	-	10.3	0.8	7.0
24	-	-	-	-	0.7	7.4	-	0.4	-	5.0	3.6	0.3	10.6	6.9	-	-	0.7	-
25	-	-	-	-	-	-	0.9	0.9	-	0.8	-	6.3	5.7	6.9	6.9	4.3	1.4	2.8
26	-	-	1.5	-	-	-	0.2	-	9.0	6.0	-	5.7	-	-	2.5	-	0.8	0.4
27	-	-	2.3	-	-	-	-	0.1	-	-	-	-	11.0	1.1	3.1	-	0.9	1.5
28	-	-	-	-	0.7	-	0.3	0.1	-	-	-	-	4.5	9.8	-	-	5.7	-
29	-	-	-	-	0.5	-	-	-	-	-	-	-	3.4	7.1	-	2.1	1.8	0.6
30	-	-	-	-	0.0	-	-	0.6	-	5.2	4.6	-	5.8	7.1	-	1.7	-	1.6
31	-	-	-	-	2.0	-	-	0.1	-	-	4.2	-	3.4	7.1	-	2.7	0.6	1.6

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

	*	**	**	**	**	**	**	**	**	**
DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	2.9	0.7	2.8	-	2.2	2.0	-	-	-
2	-	-	-	-	0.5	-	1.0	4.5	2.4	3.0
3	-	1.4	-	-	1.9	-	0.7	-	5.0	1.6
4	-	1.8	-	3.5	-	-	0.7	7.7	1.8	8.5
5	26.0	-	-	7.4	7.5	-	0.4	3.7	2.1	4.6
6	3.3	3.0	3.8	5.6	4.3	-	-	-	-	-
7	2.1	3.0	-	-	2.3	1.5	5.4	-	10.8	-
8	4.4	3.8	5.1	8.1	6.4	-	-	-	7.2	6.0
9	2.1	11.6	1.3	15.7	5.9	5.6	-	-	-	-
10	3.4	4.1	1.9	4.3	-	2.6	-	5.1	3.1	4.2
11	-	1.9	2.3	1.0	3.3	1.3	-	-	4.3	-
12	-	2.3	-	-	-	0.4	7.9	6.9	0.9	-
13	-	2.3	-	3.1	-	13.8	2.2	3.2	1.8	2.3
14	-	2.3	15.7	17.5	-	21.8	1.6	10.7	1.1	4.6
15	-	1.7	-	5.4	5.5	-	2.9	4.7	2.4	1.1
16	-	-	13.6	6.9	2.6	-	0.5	8.0	-	-
17	-	4.5	7.3	7.4	-	6.7	5.1	-	-	-
18	-	-	-	1.2	-	1.9	-	-	6.8	2.5
19	3.1	-	-	5.4	2.9	3.1	-	10.9	4.0	-
20	1.1	2.9	-	19.3	-	2.9	1.4	-	-	-
21	-	-	-	-	2.5	-	1.5	-	10.1	-
22	-	-	-	-	-	-	2.6	10.1	-	1.7
23	-	-	-	-	-	-	-	-	4.1	3.1
24	-	-	-	-	-	5.5	7.0	7.3	-	11.4
25	3.4	-	3.1	5.0	9.9	-	-	5.3	1.8	-
26	0.3	6.0	0.7	1.9	-	1.9	2.9	-	4.5	2.8
27	5.5	-	-	2.5	157.0	2.3	-	-	3.7	4.6
28	2.1	-	-	1.6	26.3	1.7	-	-	3.2	-
29	1.4	3.4	2.2	2.2	134.6	0.7	0.1	-	1.6	1.5
30	-	-	-	0.6	7.9	9.8	0.2	-	-	-
31	-	-	-	0.9	-	0.5	-	-	7.4	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

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PH IN PRECIPITATION.

DATE	N 14	N 15	N 16	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
1	4.60	4.90	5.80	7.30	-	-	-	-	-	-	-	-	3.97	4.13	4.14	4.34
2	4.75	5.00	-	-	-	4.50	-	-	4.45	-	-	-	4.41	4.44	4.33	4.57
3	5.50	4.90	4.90	4.65	4.80	5.10	4.40	-	4.80	4.45	5.60	4.95	4.53	4.32	4.23	4.77
4	6.10	-	5.70	4.45	4.45	4.55	5.50	5.10	5.10	-	5.05	4.80	4.13	4.54	4.22	4.33
5	-	6.10	-	4.75	-	5.35	-	4.90	-	-	4.60	4.45	3.78	4.07	4.14	4.20
6	4.80	-	-	-	-	6.05	4.40	-	-	4.60	4.80	-	-	4.29	4.30	4.61
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	6.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	5.60	5.60	-	-	-	-	-	4.95	-	-	-	-	-	-	-
10	4.95	5.35	6.70	-	-	5.30	-	4.75	-	-	-	-	-	3.75	-	5.26
11	4.85	4.65	-	-	4.55	-	4.50	-	5.30	-	-	4.90	-	-	-	-
12	-	5.00	5.50	5.95	-	5.90	4.90	-	-	5.75	-	4.70	4.23	4.20	-	-
13	6.05	4.90	6.25	-	-	-	5.05	-	-	-	-	-	4.53	3.97	4.03	-
14	6.60	4.75	6.10	4.40	-	6.05	-	-	4.85	5.00	-	4.80	3.87	3.85	-	-
15	5.65	6.00	6.85	6.10	-	6.90	4.20	4.45	5.10	4.50	6.10	-	-	4.12	4.30	-
16	5.70	4.95	5.20	4.30	4.40	4.80	4.40	4.25	4.50	4.50	4.60	4.90	4.34	3.98	-	5.30
17	5.80	4.60	4.80	4.05	4.60	-	-	5.70	5.00	4.10	4.40	4.65	4.28	4.75	3.84	3.99
18	-	5.35	7.60	-	-	-	-	-	-	-	-	-	-	-	-	4.29
19	5.00	-	-	-	-	-	-	-	4.95	-	5.05	4.70	3.86	3.87	3.74	-
20	5.10	-	-	-	-	-	-	-	5.30	-	-	4.50	-	-	-	4.23
21	5.55	5.85	-	-	-	-	-	-	5.45	-	-	5.15	-	-	-	-
22	5.45	5.35	4.95	4.10	-	4.35	3.95	3.90	5.10	4.55	5.00	5.30	4.37	4.40	4.35	-
23	5.65	5.30	5.40	-	-	-	-	-	5.10	-	5.10	-	4.34	4.14	-	4.28
24	5.20	6.20	-	-	-	-	-	-	5.30	4.35	-	4.90	-	4.07	4.02	6.41
25	-	-	-	-	-	-	-	-	-	-	5.20	4.60	-	4.47	-	4.56
26	4.60	4.90	6.10	-	-	-	4.60	-	-	-	5.80	-	4.17	4.09	-	4.31
27	5.45	5.35	-	6.85	-	-	4.85	-	-	-	-	5.00	-	-	-	-
28	5.20	5.25	6.45	-	-	-	-	-	5.15	-	5.90	5.10	-	-	-	-
29	5.00	6.20	6.00	-	-	-	-	-	5.65	-	6.90	-	-	-	-	-
30	5.00	5.15	-	-	-	-	-	-	5.20	-	-	5.30	-	4.15	4.00	-
31	-	-	-	-	-	-	-	-	4.35	-	-	-	-	-	-	-

PH IN PRECIPITATION.

DATE	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	5.60	4.51	-	5.49	4.70	-	-	-
2	-	-	6.61	-	5.30	4.30	4.50	4.60
3	-	-	5.14	-	5.18	-	5.50	5.10
4	-	-	-	-	5.50	3.70	4.40	4.00
5	-	-	4.63	-	6.89	4.70	4.40	3.90
6	6.52	-	4.45	-	-	-	-	-
7	-	-	4.58	4.60	4.17	-	3.90	-
8	6.33	-	5.15	-	-	-	3.90	4.20
9	5.66	-	4.42	6.81	-	-	-	-
10	4.83	4.97	-	4.82	-	4.50	5.30	4.10
11	6.25	5.28	4.52	4.71	-	-	4.40	-
12	-	-	-	6.71	-	4.30	4.90	6.70
13	-	6.92	-	-	6.15	4.10	4.60	5.20
14	3.89	-	-	-	4.82	4.10	4.40	4.30
15	-	-	4.45	-	4.61	4.00	4.30	4.30
16	3.86	4.17	4.47	-	5.22	3.80	-	-
17	4.28	4.33	-	4.25	4.38	-	-	-
18	-	5.00	-	-	-	-	4.40	6.20
19	-	5.35	6.63	4.90	-	3.80	6.30	-
20	-	-	-	4.86	5.49	-	-	-
21	-	-	6.55	-	4.62	-	4.50	-
22	-	-	-	-	6.47	4.80	-	4.50
23	-	-	-	-	-	-	5.00	6.50
24	-	-	-	4.06	4.19	4.60	6.00	5.70
25	6.30	4.76	4.10	-	-	5.50	6.10	6.00
26	5.44	6.73	-	5.14	4.97	-	6.10	4.90
27	-	4.90	-	6.63	-	-	5.20	4.80
28	-	7.19	-	7.71	-	5.50	6.10	-
29	7.47	5.64	-	5.12	7.17	-	4.70	5.80
30	-	5.54	5.41	5.29	7.20	-	-	-
31	-	4.93	-	5.40	-	4.30	5.30	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

74

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

* COMPUTED FROM PH

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01
1	-	NFG	-	NEG	NEG	-	29	60	52	33	24	-	8	*18	-	3	4	-
2	-	-	NEG	-	-	-	29	*95	-	26	-	-	-	-	-	-	-	-
3	NEG	NFG	-	*40	NEG	*251	30	38	23	24	19	2	13	4	8	6	10	-
4	-	-	-	-	-	-	34	34	-	-	-	-	-	-4	NFG	2	NEG	-
5	-	NFG	NEG	-	-	-	42	72	-	-	-	-	NEG	8	*17	3	NEG	-
6	NEG	NEG	-	-	NEG	-	20	51	-	32	58	-	-	5	-	NFG	-	-
7	-	-	-	-	-	-	-	-	-	-	-	4	-	-	4	-	-25	-
8	-	-	NEG	-	-	-	57	-	-	-	138	2	-	-	-	-	NEG	-
9	-	NEG	-	NEG	NEG	-	28	42	-	-	33	NEG	*15	NFG	*15	21	-	-
10	-	-	-	-	-	-	47	25	26	39	57	2	*14	-	-	*15	-	-
11	-	-	-	-	-	-	-	-	-	30	13	1	-	1	4	NFG	3	-
12	-	-	NEG	-	-	-	18	-	28	17	12	NEG	4	-11	-	11	-	NEG
13	-	NEG	NEG	NEG	NEG	*251	42	-	39	14	15	-27	5	3	12	22	-	NEG
14	NEG	-	-	NEG	*16	NEG	-	-	51	27	11	-	5	NFG	-	-	-	-
15	-	-	NEG	-	-	*50	32	23	-	-	-	-	19	31	-	*19	-	NEG
16	NEG	NEG	NEG	*13	NEG	*126	30	24	40	29	11	-	19	35	*62	10	NEG	NEG
17	NEG	NEG	NEG	NEG	*63	*79	-	-	-	41	14	-	-	49	*95	24	-	NEG
18	NEG	NEG	*32	*40	*79	-	-	-	44	*794	11	2	-	-	-	-	-	97
19	NEG	*79	NEG	NEG	*158	-	28	40	22	-	54	-5	-	NEG	NEG	NEG	-	NEG
20	NEG	-	-	*158	*158	-	-	-	*174	*302	19	-5	-	-	-	-	-	NEG
21	*40	-	-	-	*158	-	18	-	-	-	21	-2	-	-	-	-	-	-
22	-	-	-	-	-	-	36	-	-	-	-	-12	41	NEG	NEG	-	-	-
23	-	-	*20	-	-	-	32	-	-	17	16	-7	*17	-	*40	NEG	-	-
24	-	*16	-	NEG	*20	*100	22	112	12	11	81	-	NEG	-7	-	12	1	NEG
25	-	-	-	-	*16	-	-	20	27	15	36	-9	-	NEG	-	-	NEG	-
26	-	-	-	-	-	-	-	33	-	-	-	-	-	-	-	-	13	-
27	-	-	-	-	-	-	-	-	-	-	-	NEG	*26	-7	NEG	-	-	-
28	-	-	-	-	-	-	15	-	-	-	-	-7	*27	-12	18	12	-17	-
29	-	-	-	-	-	-	16	-	-	-	-	-	-	-4	1	8	NEG	-
30	-	-	NEG	-	NEG	-	-	19	19	-	13	-27	*12	-	-	-	-	-
31	-	*13	-	NEG	-	*200	12	-	-	-	-	-	-	2	10	75	29	-

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

* COMPUTED FROM PH

DATE	F 02	F 03	F 04	F 05	F 06	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 18
1	-	-	-	NEG	-	-	-	-	-	-	-	89	-	-	22	18	-10	NEG
2	-	-	-	-	NEG	NEG	-	-	-	-	-	32	25	-	17	9	-	-
3	-	-	NEG	-	-	*79	-	-	24	-	-	4	16	45	-17	13	8	22
4	-	-	-	-	-	*16	-	NEG	-4	-	-	-	1	-8	-32	-	-12	35
5	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	NEG	-	17
6	-	-	-	-	-	-	9	18	3	-	16	-62	17	16	18	-	-	-
7	-	-	-	-	-	-	-	-	21	-	-	-	-	9	-	-	-	-
8	-	-	-	-	-	NEG	-	-	-	-	-	-	-	-	-	NEG	-	-
9	-	-	-	-	-	-	-	20	-	63	14	10	5	-	-	-57	-11	-
10	-	-	-	-	-	*50	-	-	-	10	25	-	2	-	13	-2	NEG	-
11	-	-	-	12	-	NEG	-	-42	34	36	40	6	25	-	27	20	-	-
12	-	-	-	64	-	-	-	-	-20	8	14	-2	16	-	-	7	-6	-
13	NEG	NEG	NEG	86	NEG	-	-	-	-	-	-	-	NEG	-	-24	13	-47	-
14	-	-	NEG	NEG	-	-	13	-	NEG	-	-	-8	12	-	-216	23	-20	40
15	-	NEG	NEG	NEG	-	-	28	27	21	25	35	14	9	16	-2	NEG	NEG	NEG
16	NEG	NEG	NEG	NEG	NEG	-	52	89	35	40	33	40	95	32	-14	11	4	50
17	-	NEG	NEG	NEG	-	*63	-	-	35	140	-	40	19	-	-9	30	16	89
18	-	NEG	NEG	-	-	NEG	-	-	-	-	-	-	-	-	-	2	NEG	-
19	-	-	-	-	NEG	*79	-	-	-	50	-	-	-	-	-	10	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-40	19	-	9	-	-	-
21	-	-	-	-	-	-	-	40	-	63	112	0	22	32	-3	NFG	-	-
22	-	-	-	-	-	-	81	55	45	100	112	6	9	19	5	0	4	49
23	NEG	-	-	-	-	-	-	13	-	0	40	-28	20	-	-5	4	0	-
24	-	-	NEG	-	NEG	-	60	37	14	0	28	NEG	10	7	5	NEG	-	-
25	-	-	-	-	-	-	42	9	10	-	6	-	-	22	-	-	-	-
26	-	-	-	-	-	-	-	-	12	-	-	-	-	-	23	6	NEG	-
27	-	-	-	-	-	-	-	-	-	45	14	-	NEG	-	3	0	-	NEG
28	-	-	-	-	-	-	-	NEG	-	0	11	19	9	-	6	2	NEG	-
29	-	-	-	-	-	-	-	-2	-	0	11	13	4	-	12	NFG	-22	-
30	-	-	-	-	-	-	-	-	-	0	-	10	1	-	8	0	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 74

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER) * COMPUTED FROM PH

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	-	-	-	-	-	-	-	-	*107	89	*72	54	-	-	-	56	-3	-
2	-	37	-	-	35	-	-	-	64	50	112	39	-	19	59	-	-3	-7
3	16	7	50	-	12	37	-15	9	51	70	*59	37	63	19	76	-	-	-26
4	35	32	-8	10	6	-	7	16	100	49	73	79	73	19	-	85	-	-19
5	-	-5	-	8	-	-	19	37	*166	102	81	*63	1	-175	51	83	-	-57
6	-	-33	50	-	-	31	15	-	-	67	*50	*25	16	-175	30	29	15	-47
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-175	-	42	75	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	45	-
9	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	24	27	-161
10	-	-17	-	22	-	-	-	-	-	173	-	NEG	-10	-	-	26	26	-109
11	38	-	40	-	12	-	-	9	-	-	-	-	26	10	-	-	27	-
12	-	-21	13	-	-	-10	-	21	73	*63	-	-	-3	-41	-	28	-61	-47
13	-	-	8	-	-	-	-	-	41	104	122	-	-	31	-	-	-12	-106
14	-	-17	-	-	14	14	-	19	*135	148	-	-	87	100	63	89	-12	-134
15	-	NEG	72	47	7	33	-24	-	-	*76	56	-	72	98	-	-	13	-63
16	40	22	49	58	35	27	27	12	63	*105	-	NEG	126	-	127	-	35	-32
17	27	-	-	NEG	10	80	40	21	95	73	*145	*102	-	-	69	86	94	-19
18	-	-	-	-	-	-	-	-	-	-	-	61	-	-	-	-	-	-1
19	-	-	-	-	13	-	9	20	*138	*135	*182	-	-	-156	-	-	-	-
20	-	-	-	-	4	-	-	32	-	-	-	*59	-	-156	-	-	-135	-
21	-	-	-	-	-7	-	-	6	-	-	-	-	-	-156	-	-	-3	-
22	-	45	112	125	3	29	6	0	116	86	53	-	-	63	91	-	-18	-65
23	-	-	-	-	4	-	2	-	115	*72	-	57	-	63	-	110	5	-54
24	-	-	-	-	4	50	-	4	-	124	*95	2	-18	63	-	-	5	-
25	-	-	-	-	-	-	5	31	-	88	-	65	22	63	83	54	37	-57
26	-	-	25	-	-	-	-13	-	*68	126	-	96	-	-	37	-	24	-19
27	-	-	15	-	-	-	-	16	-	-	-	-	-25	-17	35	-	18	-40
28	-	-	-	-	6	-	-4	7	-	-	-	-	48	5	-	-	18	-
29	-	-	-	-	8	-	NEG	-	-	-	-	-	32	-57	-	30	24	-25
30	-	-	-	-	0	-	-	4	-	103	141	-	-4	-57	-	27	-	-48
31	-	-	-	-	47	-	-	-	-	-	-	-	27	-57	-	41	23	-111

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER) * COMPUTED FROM PH

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	37	8	58	-	12	37	-	-	-
2	-	-	-	-	-29	-	9	*50	*32	*25
3	-	25	-	-	20	-	19	-	NEG	NEG
4	-	15	-	-	-	-	12	*200	*40	*100
5	-738	-	-	-	51	-	-43	*20	*40	*126
6	9	59	-12	-	53	-	-	-	-	-
7	-7	59	-	-	46	51	105	-	*126	-
8	-3	50	-2	-	17	-	-	-	*126	*63
9	-17	83	6	-	63	-40	-	-	-	-
10	-75	40	39	36	-	38	-	*32	NEG	*79
11	-	27	-4	19	56	36	-	-	*40	-
12	-	35	-	-	-	-15	-	*50	*13	NEG
13	-	35	-	-44	-	-	4	*79	*25	NEG
14	-	35	203	-	-	-	35	*79	*40	*50
15	-	26	-	-	49	-	40	*100	*50	*50
16	-	-	213	117	30	-	18	*158	-	-
17	-	61	101	67	-	97	58	-	-	-
18	-	-	-	35	-	-	-	-	*40	NEG
19	13	-	-	15	-43	26	-	*158	NEG	-
20	16	33	-	-	-	36	6	-	-	-
21	-	-	-	-	-24	-	38	-	*32	-
22	-	-	-	-	-	-	-16	*16	-	*32
23	-	-	-	-	-	-	-	-	NEG	NEG
24	-	-	-	-	-	138	85	*25	NEG	NEG
25	25	-	-8	30	112	-	-	NEG	NEG	NEG
26	*50	20	12	-23	-	18	30	-	NEG	*13
27	-23	-	-	23	-	-4	-	-	NEG	*16
28	-43	-	-	NEG	-	-300	-	NEG	NEG	-
29	1	21	-107	NEG	-	16	-90	-	*20	NEG
30	-	-	-	8	18	9	-127	-	-	-
31	-	-	-	21	-	11	-	*50	NEG	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

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SO2 IN AIR (MICROGRAMS PER M3)

DATE	A	02	CH 1	CH 2	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC	1 N	01 N	03 N	09
1	0	0	0	0	-	10	12	5	9	0	0	0	22	0	0	4	9	2	2	2
2	19	0	0	0	8	7	18	10	11	21	0	0	34	0	0	11	2	2	1	1
3	0	0	5	-	10	4	16	28	0	0	0	15	5	0	0	3	9	8	2	2
4	0	0	5	-	7	6	25	9	6	0	0	0	-	0	0	3	5	14	2	2
5	-	0	5	-	10	10	12	9	0	0	0	12	0	0	0	7	4	3	2	2
6	4	0	5	14	12	20	11	15	0	0	0	0	0	0	0	1	14	-	1	1
7	0	0	0	-	6	12	13	22	9	0	0	11	0	0	0	3	6	-	1	1
8	0	0	5	6	8	10	18	36	5	0	0	15	0	0	0	1	9	-	1	1
9	3	0	10	-	11	14	19	19	0	0	0	11	0	0	0	14	10	-	1	1
10	2	0	5	44	7	20	16	16	0	0	0	27	0	0	0	0	12	-	2	2
11	0	0	5	-	7	8	14	9	8	0	0	16	0	0	0	0	8	-	1	1
12	0	0	5	19	11	10	8	9	9	0	0	25	0	0	0	1	4	-	1	1
13	0	0	5	-	29	18	11	8	0	0	0	16	5	0	0	1	2	-	1	1
14	0	0	0	12	8	4	10	10	0	0	0	8	0	0	0	1	2	-	1	1
15	0	0	5	-	12	17	9	8	0	0	0	16	0	0	0	2	2	-	1	1
16	3	0	0	14	11	8	-	10	0	0	0	18	0	0	0	2	2	-	1	1
17	0	0	0	-	11	5	7	18	0	0	0	18	10	0	0	-	3	-	1	1
18	0	5	5	13	14	6	10	13	18	0	0	6	12	0	0	0	1	-	1	1
19	0	5	0	-	5	7	30	12	24	0	0	0	4	0	0	1	1	-	1	1
20	0	0	0	17	7	41	8	12	0	6	7	17	5	0	0	0	5	3	1	1
21	0	0	0	-	5	8	11	14	0	0	0	0	4	0	0	1	2	6	1	1
22	3	0	0	10	21	7	13	11	7	0	0	14	0	0	0	1	7	8	1	1
23	6	0	5	-	15	20	11	14	0	0	0	16	0	0	0	1	8	7	1	1
24	0	0	0	10	9	5	8	8	0	0	0	8	0	0	0	0	6	8	1	1
25	-	0	0	-	8	6	13	9	22	0	0	5	0	0	0	0	2	5	1	1
26	-	0	0	6	15	4	22	11	0	0	0	6	0	0	0	7	2	14	1	1
27	-	-	5	-	16	10	10	10	18	0	0	0	0	0	0	1	3	9	6	6
28	-	0	0	4	15	13	9	11	0	0	0	0	6	0	0	1	3	3	4	4
29	-	0	5	-	11	8	11	12	37	0	0	0	0	0	0	2	2	2	1	1
30	-	-	5	5	9	14	9	9	36	0	0	8	0	0	0	1	2	1	1	1
31	-	0	0	4	15	5	8	11	21	8	0	23	0	0	0	0	1	9	1	1

SO2 IN AIR (MICROGRAMS PER M3)

DATE	N 22	N 23	N 25	N 26	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05
1	16	9	3	21	10	0	6	0	3	6	4	8	5
2	6	16	1	28	21	0	0	11	7	1	3	3	3
3	6	6	1	24	4	6	0	9	0	7	3	5	6
4	4	2	1	26	0	4	6	20	4	8	9	6	3
5	6	1	1	12	14	0	0	13	4	4	5	6	0
6	1	2	1	8	0	5	0	0	5	2	3	8	5
7	1	2	1	1	6	6	0	29	5	11	5	11	3
8	11	3	0	6	24	8	10	5	5	7	4	11	5
9	5	3	0	1	7	6	0	8	3	6	4	12	5
10	5	4	1	1	10	18	17	8	3	5	4	4	7
11	4	1	1	2	9	5	7	0	5	6	4	7	7
12	1	1	1	5	9	0	9	0	15	8	1	7	4
13	2	2	1	3	7	0	0	0	8	8	3	4	12
14	1	1	1	1	8	0	10	15	6	15	2	13	7
15	1	1	0	1	9	4	0	9	5	10	2	19	3
16	1	1	0	1	9	0	0	9	7	10	4	11	6
17	1	3	1	1	0	0	0	0	7	13	1	6	3
18	2	1	1	1	0	0	0	0	5	4	3	7	3
19	2	1	1	1	0	0	5	0	7	7	4	8	4
20	1	1	1	1	0	0	0	5	7	6	3	5	5
21	1	1	1	1	4	0	0	0	8	4	2	5	0
22	2	1	1	1	15	0	0	0	10	2	9	5	4
23	4	2	1	1	0	0	0	11	4	6	4	5	0
24	2	2	1	3	8	0	7	9	5	8	5	6	3
25	2	5	1	3	4	4	4	5	8	10	4	5	3
26	2	3	1	3	14	0	0	0	7	5	6	5	3
27	2	1	1	4	15	4	4	4	11	11	4	5	5
28	2	3	1	5	10	4	4	7	9	6	3	13	5
29	3	3	1	2	4	0	3	10	11	5	3	6	6
30	4	1	1	6	14	0	3	14	9	6	0	11	4
31	2	11	1	1	15	0	0	0	10	5	1	10	4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 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 8	UK 9	UK11
1	4	9	8	0	0	0	0	0	10	3	12	28	70
2	3	9	9	0	3	0	0	0	10	12	12	21	56
3	5	8	10	0	0	0	0	0	16	3	6	14	40
4	5	-	8	0	0	0	0	0	4	3	6	21	32
5	4	5	9	0	0	0	0	0	7	4	6	21	72
6	3	5	4	0	0	0	0	0	19	4	6	14	56
7	3	8	4	0	0	0	0	0	10	1	6	14	56
8	6	4	7	0	0	0	0	3	9	1	6	21	84
9	4	17	10	0	0	0	3	3	10	1	6	21	84
10	9	10	13	0	0	-	3	3	7	2	6	21	61
11	4	12	6	0	0	-	3	0	7	-	6	21	76
12	7	3	3	0	0	-	0	0	12	1	6	21	53
13	10	5	3	0	0	-	0	0	19	1	6	7	76
14	10	5	3	0	0	-	0	0	11	1	6	7	53
15	10	2	9	3	0	0	0	0	1	3	6	7	61
16	9	6	8	6	3	0	0	0	7	7	6	7	53
17	0	6	15	3	6	3	3	0	21	2	6	21	46
18	21	6	8	3	3	3	0	3	20	2	6	28	61
19	8	-	14	6	6	3	0	0	17	1	6	7	53
20	3	9	8	0	3	3	0	0	15	1	0	7	53
21	5	4	11	3	3	0	0	0	9	1	6	14	76
22	9	5	9	0	0	0	3	3	6	1	6	7	81
23	10	5	8	0	0	0	0	3	9	2	6	21	65
24	6	3	7	0	8	3	0	3	15	6	6	7	73
25	11	-	6	0	3	3	0	3	15	5	12	14	57
26	8	-	5	0	0	3	0	0	11	2	6	7	57
27	4	11	11	0	0	3	0	3	7	6	6	7	65
28	9	7	13	0	0	0	0	0	4	9	6	7	48
29	6	4	7	0	5	0	3	0	4	5	6	7	-
30	8	6	6	0	0	0	3	0	4	3	6	7	-
31	9	4	14	0	5	0	3	0	4	8	6	7	-

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	1.0	8.9	2.2	-	2.4	1.4	1.2	1.4	0.0	4.2	8.3	6.2	7.2	7.6	0.9	0.9	1.1	1.2
2	7.4	4.5	2.1	3.4	3.1	0.5	1.7	0.5	0.0	5.6	3.4	3.0	3.2	5.8	0.5	0.9	0.0	2.8
3	4.0	2.5	1.6	-	1.9	1.4	2.9	1.4	0.0	1.9	4.0	4.6	5.6	6.0	5.8	1.2	0.1	4.8
4	13.8	3.8	6.2	1.7	1.7	0.5	1.9	0.5	0.0	1.3	0.8	7.0	1.8	1.3	4.7	0.9	2.0	0.1
5	-	4.7	5.8	-	1.7	1.9	2.6	1.9	0.0	1.3	1.3	2.5	3.2	1.3	7.9	0.9	0.2	3.1
6	5.2	2.5	5.2	2.6	2.4	1.4	1.9	1.4	0.0	1.1	1.3	2.2	1.8	1.8	6.6	1.4	0.0	2.6
7	4.2	2.3	6.4	-	0.7	1.4	2.9	1.4	0.0	0.6	1.6	1.7	0.8	0.1	15.6	2.3	2.2	2.2
8	5.0	3.2	4.7	1.0	1.2	1.4	3.8	1.4	0.0	0.6	1.3	1.7	1.7	1.6	7.0	2.6	1.0	1.8
9	7.6	1.4	9.0	-	3.4	1.9	6.0	1.9	1.2	7.8	7.0	5.8	5.6	6.4	4.3	0.7	3.1	2.0
10	10.1	2.0	8.6	2.6	1.7	2.4	2.9	2.4	0.0	2.8	1.7	1.4	3.6	1.3	3.4	2.4	0.8	3.0
11	2.5	1.3	4.0	-	1.9	1.4	2.9	1.4	0.1	2.8	2.8	1.3	3.0	1.8	3.6	0.8	2.4	3.2
12	9.4	0.7	5.8	2.9	2.9	1.4	1.0	1.4	0.0	2.5	1.7	2.5	3.8	3.1	8.1	1.9	0.1	2.2
13	14.5	1.7	9.5	-	6.5	1.0	2.9	1.0	0.1	1.7	3.0	6.5	7.9	7.6	5.1	1.8	0.0	5.7
14	5.5	1.8	4.0	2.2	3.4	0.5	1.9	0.5	0.4	2.8	1.1	4.0	4.8	4.7	2.2	0.9	0.4	0.6
15	2.5	3.0	4.3	-	2.2	1.4	1.9	1.4	0.0	3.7	4.2	5.2	6.5	7.7	1.0	1.8	1.4	1.8
16	4.7	2.9	3.6	2.2	1.9	0.5	1.2	0.5	0.0	3.0	3.5	3.1	4.0	10.4	1.5	0.1	0.3	2.2
17	2.1	2.0	2.7	-	1.9	0.5	1.7	0.5	0.0	3.6	2.5	3.0	2.5	6.0	3.2	0.7	2.0	1.8
18	1.7	2.2	5.5	1.0	1.2	0.5	1.4	0.5	0.0	1.4	1.2	1.3	0.6	1.6	7.4	0.1	1.8	1.9
19	7.7	5.3	1.0	-	0.7	1.4	10.3	1.4	0.0	2.2	2.2	2.6	2.5	2.8	7.4	1.0	0.6	3.0
20	6.2	2.8	12.2	1.7	1.4	1.4	3.8	1.4	0.0	1.1	1.2	0.8	1.0	2.6	8.7	0.5	1.8	4.2
21	5.5	2.1	8.7	-	1.0	0.5	3.1	0.5	0.0	1.6	3.2	3.2	2.4	1.4	8.2	1.1	2.9	6.4
22	5.4	1.0	5.3	3.1	4.1	1.4	3.4	1.4	0.1	7.1	6.5	7.0	7.4	4.3	3.0	0.6	4.0	4.6
23	8.6	1.2	9.1	-	3.4	1.9	4.3	1.9	0.2	1.8	0.8	1.1	1.3	2.4	2.3	0.9	1.9	6.9
24	4.8	-	3.8	1.7	1.9	1.4	1.4	1.4	0.4	2.0	2.4	3.0	4.4	2.3	2.2	0.2	0.4	4.9
25	-	-	4.7	-	1.0	1.4	3.1	1.4	0.2	1.0	0.7	1.0	0.6	3.2	10.0	0.6	0.2	2.5
26	-	-	6.3	2.2	1.7	1.9	1.9	1.9	0.1	1.1	2.9	4.0	4.8	3.0	4.5	0.6	0.1	6.2
27	-	-	6.4	-	4.1	1.9	4.1	1.9	0.7	1.0	3.0	4.6	5.3	6.0	6.2	2.4	0.0	2.6
28	-	-	4.8	1.4	5.3	1.9	2.4	1.9	0.2	2.8	2.2	3.2	7.0	6.2	1.9	3.9	1.5	2.6
29	-	-	6.0	-	1.4	1.4	2.2	1.4	0.0	2.6	1.3	1.7	2.6	3.0	5.6	4.1	1.0	0.3
30	-	-	7.5	1.2	1.7	1.4	1.0	1.4	0.1	2.5	0.8	0.7	1.0	1.2	5.4	2.1	3.0	0.0
31	-	3.8	7.5	1.2	4.1	1.4	1.4	1.4	0.5	1.1	1.4	3.1	3.2	1.7	4.8	2.6	1.5	3.4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 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	3.4	0.2	1.1	5.4	4.7	2.3	3.9	3.7	2.4	3.2	4.9	8.4	7.2	5.3	9.2	5.4	6.7	0.9
2	2.3	1.1	0.9	2.1	0.5	1.8	3.0	1.7	0.7	0.9	5.7	4.1	4.4	7.3	6.4	3.3	6.4	3.3
3	2.6	2.1	0.5	0.9	2.0	0.7	1.3	1.3	0.8	0.6	4.1	2.6	2.9	4.7	7.1	3.6	2.1	3.3
4	2.3	1.4	1.3	0.3	0.5	0.7	0.9	0.2	0.5	0.2	3.3	2.1	2.5	5.4	2.2	1.1	2.1	2.5
5	0.2	1.4	0.4	1.2	0.9	0.7	1.6	1.1	0.6	0.9	8.0	5.4	4.6	7.3	0.6	0.9	1.7	1.2
6	3.2	1.5	0.9	1.0	-	0.8	1.7	0.9	0.6	0.6	2.9	2.1	2.7	4.0	1.5	1.8	1.2	1.2
7	3.0	0.4	0.4	0.9	-	0.6	1.0	1.1	0.4	0.8	5.4	1.5	4.7	4.2	2.8	1.7	1.9	2.9
8	5.3	0.2	0.3	1.0	-	0.5	1.4	1.0	0.0	0.5	16.6	12.0	12.5	16.1	1.9	0.9	1.3	2.5
9	0.3	3.1	0.6	1.1	-	0.8	2.9	1.2	0.0	0.7	9.6	6.6	6.8	10.2	5.8	5.2	2.6	3.1
10	3.4	2.1	0.6	0.3	-	1.3	1.8	0.7	0.4	0.3	6.7	4.5	7.2	8.5	3.3	1.7	3.0	2.8
11	1.0	1.8	1.0	0.5	-	0.7	2.1	1.2	0.3	0.8	6.2	3.8	4.9	6.8	3.8	2.7	2.5	2.6
12	0.4	3.5	0.9	0.6	-	0.6	1.8	0.9	0.2	0.3	5.5	4.6	5.4	8.3	3.5	2.2	1.5	1.7
13	2.5	2.0	0.9	0.4	-	1.0	1.8	1.8	0.2	0.5	8.7	5.4	5.4	7.0	7.8	4.1	2.0	1.4
14	1.8	2.1	1.1	0.7	-	1.0	1.3	1.2	0.3	0.5	6.0	6.9	7.7	4.9	9.0	2.9	3.7	7.6
15	1.3	2.5	0.8	1.8	-	0.0	2.4	2.3	0.8	1.0	3.8	3.8	3.2	2.1	10.2	5.8	5.1	2.8
16	2.9	1.0	1.0	2.9	-	3.0	4.4	4.2	1.1	2.4	4.1	3.3	2.5	3.2	8.0	5.2	7.8	9.7
17	5.3	0.2	1.0	1.8	-	0.6	3.7	3.9	0.4	0.7	2.1	1.5	1.5	2.4	6.7	3.9	4.9	7.0
18	4.6	2.0	1.1	0.4	-	1.0	1.4	0.5	0.1	0.3	1.1	0.7	2.5	1.4	1.8	1.1	2.3	5.6
19	0.4	2.5	0.9	1.0	-	1.1	0.9	0.8	0.3	0.5	7.2	5.1	5.0	8.4	3.1	2.7	2.4	9.9
20	3.4	3.2	0.8	0.7	0.6	2.1	0.8	0.6	0.1	0.3	2.9	2.1	2.6	4.4	2.7	1.6	1.5	7.5
21	4.4	2.3	0.8	1.2	1.4	0.7	1.8	1.4	0.1	0.4	6.3	4.1	5.2	7.2	2.5	2.5	0.9	1.2
22	1.3	0.0	0.8	2.4	1.0	0.5	4.9	5.1	0.1	0.8	8.9	7.9	5.0	8.5	0.5	8.9	7.5	5.6
23	1.6	0.9	1.0	0.4	0.3	0.1	0.8	0.7	0.2	0.7	4.8	2.1	3.4	4.0	0.1	1.3	2.6	4.8
24	2.7	0.1	1.0	0.8	0.5	0.3	1.6	0.1	0.3	-	7.7	4.0	3.3	6.0	0.2	1.9	1.5	1.4
25	1.6	1.0	1.0	0.8	0.5	0.1	1.7	0.4	0.2	0.6	4.1	1.0	2.2	4.4	0.0	2.9	2.3	2.1
26	0.5	1.3	0.8	0.5	0.5	0.8	0.7	0.2	0.2	0.4	6.7	6.1	3.6	4.9	3.9	1.7	1.1	0.8
27	2.7	0.6	1.0	0.5	0.4	0.8	0.8	0.3	0.1	0.3	9.2	9.8	3.9	8.1	4.4	1.5	0.6	1.0
28	2.7	0.6	0.6	0.6	0.7	0.5	1.3	0.1	0.0	0.3	6.8	6.3	6.5	6.2	5.8	3.2	1.1	1.1
29	1.2	0.4	0.3	0.2	0.3	0.3	0.5	0.2	0.1	0.3	2.8	2.6	3.1	10.4	2.2	1.2	0.5	0.9
30	-	0.2	0.3	0.3	0.2	0.3	0.6	0.1	0.2	0.7	8.8	4.2	5.9	9.6	1.8	1.5	1.3	0.8
31	-	0.2	0.3	0.4	0.5	0.3	1.4	0.0	0.3	1.0	5.4	3.7	3.5	7.9	2.5	1.3	0.7	1.3

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 8	UK 9	UK 11
1	0.5	0.8	4.7	1.0	1.3	0.0	1.5	0.8	0.4	3.0	2.0	2.0	1.0	2.0	4.0
2	0.7	1.4	4.8	1.3	0.8	1.3	0.8	1.3	0.8	3.0	2.0	2.0	2.0	3.0	2.0
3	0.9	1.3	5.4	0.8	0.7	0.6	0.8	1.2	0.4	4.0	1.0	2.0	2.0	3.0	2.0
4	0.7	1.6	4.2	0.5	1.0	1.9	0.9	0.8	0.1	6.0	1.0	2.0	1.0	4.0	4.0
5	0.8	0.7	1.5	3.3	0.7	2.2	3.0	1.9	0.1	5.0	1.0	2.0	1.0	2.0	2.0
6	1.1	0.8	3.9	3.3	0.9	1.8	1.7	0.9	0.3	6.0	1.0	2.0	14.0	3.0	4.0
7	1.0	0.9	2.4	3.3	1.5	1.8	1.4	1.8	1.5	8.0	3.0	3.0	3.0	5.0	5.0
8	0.9	0.7	3.8	2.9	2.2	2.2	2.1	1.8	1.6	7.0	4.0	2.0	1.0	5.0	4.0
9	1.8	1.0	2.4	3.1	1.1	2.0	5.3	1.8	0.8	4.0	1.0	2.0	1.0	3.0	4.0
10	2.6	1.5	0.0	3.7	2.2	3.0	-	6.2	0.8	5.0	1.0	-	1.0	3.0	2.0
11	2.0	0.5	8.5	2.2	1.1	1.1	-	1.4	1.2	3.0	1.0	1.0	1.0	2.0	3.0
12	2.9	0.7	2.2	3.3	1.0	2.4	-	2.2	0.8	4.0	1.0	1.0	1.0	2.0	3.0
13	2.3	1.0	4.8	3.3	0.0	0.4	-	2.3	0.8	6.0	2.0	10.0	2.0	4.0	2.0
14	1.4	1.1	7.9	3.3	2.6	2.5	-	2.2	0.6	3.0	1.0	2.0	1.0	2.0	1.0
15	0.7	0.6	9.8	1.5	3.2	2.3	4.6	1.8	0.5	2.0	1.0	2.0	1.0	1.0	3.0
16	2.3	4.4	16.0	7.7	6.5	3.9	1.8	1.5	1.0	3.0	1.0	2.0	1.0	2.0	1.0
17	3.4	5.0	9.6	2.5	14.6	5.0	2.5	6.1	2.0	6.0	1.0	2.0	1.0	2.0	4.0
18	0.2	1.2	10.1	5.2	5.4	3.3	2.9	2.0	2.8	5.0	2.0	1.0	1.0	2.0	3.0
19	0.7	1.1	4.8	0.5	3.9	4.6	1.8	1.8	1.5	6.0	1.0	3.0	1.0	5.0	6.0
20	2.0	0.1	3.9	1.7	0.9	4.8	2.3	3.2	1.3	7.0	2.0	2.0	1.0	3.0	2.0
21	0.1	0.3	1.8	3.2	1.1	2.8	1.1	1.7	2.6	4.0	3.0	1.0	1.0	3.0	1.0
22	0.6	1.6	8.5	2.3	1.3	0.6	0.5	2.9	1.0	4.0	1.0	2.0	1.0	3.0	3.0
23	1.6	0.6	9.0	4.7	2.3	9.7	1.1	4.9	1.6	3.0	1.0	1.0	1.0	3.0	3.0
24	0.0	0.9	2.8	2.8	0.6	2.1	2.7	1.5	0.8	6.0	2.0	2.0	1.0	4.0	2.0
25	0.3	0.6	2.1	5.2	0.3	2.3	2.7	3.8	1.9	4.0	1.0	2.0	1.0	4.0	1.0
26	0.6	0.4	2.1	3.9	0.5	0.8	0.7	1.5	0.5	5.0	2.0	1.0	1.0	5.0	3.0
27	14.1	0.0	4.4	1.2	0.5	1.5	0.4	1.6	1.1	5.0	1.0	1.0	1.0	5.0	2.0
28	0.2	0.4	4.5	0.6	0.5	1.0	0.4	0.8	0.7	1.0	1.0	1.0	1.0	2.0	1.0
29	0.1	0.4	1.4	0.7	0.4	0.8	0.6	0.6	0.4	4.0	1.0	1.0	1.0	4.0	-
30	0.0	0.3	1.5	2.0	0.5	0.8	1.4	0.4	0.2	5.0	2.0	-	4.0	3.0	-
31	0.3	0.6	1.3	2.2	0.5	0.8	1.0	0.9	0.2	2.0	2.0	2.0	1.0	3.0	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 74

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	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	-	-	7	29	7	1	-	-	-	2	12	-
2	-	-	31	9	12	8	-	43	40	-	4	6
3	14	10	9	12	-	27	53	-	12	-	-	5
4	1	1	89	30	54	46	20	-	-	10	-	3
5	5	7	-	47	13	-	6	1	11	-	-	6
6	2	-	-	15	5	-	63	-	8	4	21	3
7	-	-	-	-	-	-	-	-	-	21	4	-
8	-	-	-	-	-	-	-	-	-	3	3	-
9	-	-	-	-	-	-	-	-	-	38	25	3
10	-	-	-	27	-	-	14	-	-	15	52	2
11	-	5	-	-	-	-	22	9	-	-	20	-
12	-	2	41	3	-	-	14	1	-	-	5	6
13	-	-	41	101	77	-	-	57	-	-	8	3
14	-	0	19	30	-	-	20	5	112	11	23	4
15	1	-	-	-	77	-	25	47	-	-	3	10
16	15	1	34	-	-	16	17	-	30	-	1	17
17	2	2	33	10	-	7	-	-	11	15	22	36
18	-	-	-	-	-	-	-	-	-	-	-	14
19	0	0	6	6	-	-	-	12	-	-	-	-
20	0	0	-	-	-	-	-	-	-	-	26	-
21	-	1	-	-	-	-	-	-	-	-	3	-
22	1	1	27	22	31	-	-	40	36	-	1	12
23	3	-	8	-	-	19	-	-	-	3	3	3
24	-	1	-	15	4	2	11	-	-	-	1	-
25	3	5	-	1	-	36	34	-	18	13	2	4
26	-	-	12	27	-	5	-	-	27	-	29	2
27	-	0	-	-	-	-	11	-	6	-	10	4
28	0	1	-	-	-	-	41	47	-	-	68	-
29	-	-	-	-	-	-	31	19	-	9	1	0
30	-	0	-	30	51	-	12	-	-	2	-	16
31	-	0	-	-	6	-	7	-	-	4	8	1

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	8	4	5	-	5	8	-	-	-
2	-	-	-	-	7	-	21	23	14	4
3	-	3	-	-	6	-	10	-	2	4
4	-	2	-	2	-	-	5	15	18	6
5	21	-	-	7	27	-	1	3	25	35
6	24	28	6	5	36	-	-	-	-	-
7	3	-	-	-	30	15	22	-	4	-
8	4	3	13	5	12	-	-	-	16	3
9	25	5	18	22	31	7	-	-	-	-
10	5	84	16	40	-	25	-	3	20	13
11	-	8	5	10	8	8	-	-	3	-
12	-	59	-	-	-	3	11	5	5	-
13	-	-	-	5	-	8	3	29	7	5
14	-	-	96	7	-	11	9	6	11	4
15	-	6	-	2	44	-	12	14	18	26
16	-	-	37	10	39	-	5	9	-	-
17	-	117	75	41	-	98	22	-	-	-
18	-	-	-	28	-	2	-	-	7	2
19	99	-	-	28	6	20	-	4	4	-
20	17	23	-	17	-	48	4	-	-	-
21	-	-	-	-	61	-	1	-	5	-
22	-	-	-	-	-	-	17	3	-	1
23	-	-	-	-	-	-	-	-	5	1
24	-	-	-	-	-	9	29	7	-	14
25	10	-	27	4	89	-	-	5	3	-
26	16	28	26	3	-	30	3	-	5	10
27	3	-	-	9	173	11	-	-	7	6
28	3	-	-	2	32	3	-	-	1	-
29	10	5	2	2	175	3	0	-	1	1
30	-	-	-	4	73	3	2	-	-	-
31	-	-	-	6	-	4	-	-	2	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 74

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01
1	-	NEG	-	NEG	NEG	-	322	156	421	53	55	-	18	*28	-	25	81	-
2	-	-	NEG	-	-	-	284	*48	-	96	-	-	-	-	-	-	-	-
3	NEG	NEG	-	*541	NEG*1457	-	252	163	389	204	116	4	64	36	15	26	-	-
4	-	-	-	-	-	-	231	126	-	-	-	-	-	-31	NFG	6	NEG	-
5	-	NEG	NEG	-	-	-	193	950	-	-	-	-	NEG	24	*17	10	NEG	-
6	NEG	NEG	-	-	NEG	-	84	153	-	86	899	-	-	21	-	NFG	-	-
7	-	-	-	-	-	-	-	-	-	-	-	10	-	-	NEG	-	-95	-
8	-	-	NEG	-	-	-	353	-	-	-	538	33	-	-	-	-	NEG	-
9	-	NEG	-	NEG	NEG	-	25	601	-	-	376	NEG	*19	NEG	*15	-	-	-
10	-	-	-	-	-	-	75	82	29	51	97	6	-	-	-	*7	-	-
11	-	-	-	-	-	-	-	-	-	531	473	4	-	4	16	NFG	2	-
12	-	-	NEG	-	-	-	43	-	118	32	235	NEG	14	-57	-	103	-	NEG
13	-	NEG	NEG	NEG	NEG*7536	-	596	-	183	309	15	-70	4A	58	42	46	-	NEG
14	NEG	-	-	NEG	*482	NEG	-	-	367	108	25	-	37	NEG	-	-	-	-
15	-	-	NEG	-	-	*15	90	21	-	-	-	-	67	239	-	*11	-	NEG
16	NEG	NEG	NEG	*84	NEG*2770	-	270	118	252	58	13	-	222	252	*74	91	NEG	NEG
17	NEG	NEG	NEG	NEG	*1533*1279	-	-	-	-	144	462	-	-	196	*29	86	-	NEG
18	NEG	NEG	*120	*358*2335	-	-	-	-	1404	*318	294	74	-	-	-	-	-	437
19	NEG*1033	NEG	NEG	NEG*3709	-	-	56	24	37	-	70	-105	-	NFG	NEG	NEG	-	NEG
20	NEG	-	-	*317*1030	-	-	-	-	*1025	*91	87	-132	-	-	-	-	-	NEG
21	*191	-	-	-	*79	-	137	-	-	-	61	-55	-	-	-	-	-	-
22	-	-	-	-	-	-	47	-	-	-	-	-63	94	NFG	NEG	-	-	-
23	-	-	*271	-	-	-	275	-	-	60	30	-18	*23	-	-	NFG	-	-
24	-	*339	-	NEG*1193*2300	-	-	26	280	383	74	851	-	NEG	-44	-	76	10	NEG
25	-	-	-	-	*63	-	-	140	76	17	25	-18	-	NEG	-	-	NEG	-
26	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	234	-
27	-	-	-	-	-	-	-	-	-	-	-	NEG	*42	-53	NFG	-	-	-
28	-	-	-	-	-	-	30	-	-	-	-	-41	*30	-54	67	41	-75	-
29	-	-	-	-	-	-	107	-	-	-	-	-	-	-26	4	60	NEG	-
30	-	-	NEG	-	NEG	-	-	48	13	-	152	-335	-	-	-	-	-	-
31	-	*126	-	NEG	-	*299	407	-	-	-	-	-	-	10	66	540	87	-

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	F 02	F 03	F 04	F 05	F 06	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 18
1	-	-	-	NEG	-	-	-	-	-	-	-	89	-	-	194	72	-15	NEG
2	-	-	-	-	NEG	NEG	-	-	-	-	-	282	60	-	214	71	-	-
3	-	-	NEG	-	-	*79	-	-	60	-	-	10	160	297	-78	13	19	164
4	-	-	-	-	-	*81	-	NFG	-6	-	-	-	7	-19	-243	-	-37	345
5	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	NFG	-	91
6	-	-	-	-	-	-	63	45	14	-	8	-124	301	66	45	-	-	-
7	-	-	-	-	-	-	-	-	101	-	-	-	-	4	-	-	-	-
8	-	-	-	-	-	NEG	-	-	-	-	-	-	-	-	-	NEG	-	-
9	-	-	-	-	-	-	-	26	-	113	14	14	46	-	-	-302	-35	-
10	-	-	-	-	-	*50	-	-	6	15	-	5	-	9	-5	NEG	-	-
11	-	-	-	144	-	NEG	-	-63	415	140	52	28	275	-	240	234	-	-
12	-	-	-	1376	-	-	-	-	-14	12	14	-6	67	-	-	58	-134	-57
13	NEG	NEG	NEG	473	NEG	-	-	-	-	-	-	-	NEG	-	-53	56	-423	-
14	-	-	NEG	NEG	-	-	31	-	NEG	-	-	-13	62	-	-259	219	-26A	23
15	-	NEG	-	NEG	-	-	553	419	101	228	518	217	140	189	-3	NEG	NEG	NEG
16	NEG	NEG	NEG	-	NEG	-	1066	1246	1060	184	96	1084	5035	451	-71	17	36	891
17	-	NEG	NEG	NEG	-	*757	-	-	252	168	-	28	76	-	-100	303	192	62
18	-	NEG	NEG	-	-	NEG	-	-	-	-	-	-	-	-	-	6	NEG	-
19	-	-	-	-	NEG	*365	-	-	-	10	-	-	-25	-	47	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-140	67	-	122	-	-	-
21	-	-	-	-	-	-	-	60	-	76	157	NEG	682	10	-66	NFG	-	-
22	-	-	-	-	-	-	686	803	248	1110	1624	179	410	127	136	NEG	16	343
23	NEG	-	-	-	-	-	-	8	-	NEG	52	-252	204	-	-63	65	NEG	-
24	-	-	NEG	-	NEG	-	367	148	18	NEG	17	NEG	53	15	6	NFG	-	-
25	-	-	-	-	-	-	70	93	7	-	15	-	-	11	-	-	-	-
26	-	-	-	-	-	-	-	-	24	-	-	-	-	-	120	53	NEG	-
27	-	-	-	-	-	-	-	-	-	31	11	-	NEG	-	52	NFG	-	NEG
28	-	-	-	-	-	-	-	NFG	-	NFG	44	238	128	-	207	20	NEG	-
29	-	-	-	-	-	-	-	-5	-	NEG	44	157	57	-	98	NEG	-57	-
30	-	-	-	-	-	-	-	-	-	NEG	-	19	14	-	60	NEG	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	NEG	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY 74

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

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	-	-	-	-	-	-	-	-	*75	472	*181	16	-	-	-	34	-32	-
2	-	363	-	-	24	-	-	-	954	210	795	472	-	334	620	-	-15	-15
3	322	104	299	-	90	522	-163	158	122	175	*18	285	284	-	129	-	-	-26
4	292	112	-13	16	51	-	23	22	1710	804	737	395	438	-	-	221	-	-55
5	-	-27	-	104	-	-	144	137	*116	765	284	*25	2	-70	235	8	-	-86
6	-	-142	38	-	-	57	65	-	-	168	*65	*12	176	-	264	73	195	-89
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	491	113	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	72	-
9	-	-	-	-	191	-	-	-	-	-	-	-	-	-	-	576	400	-242
10	-	-107	-	59	-	-	-	-	-	467	-	NEG	-20	-	-	216	650	-131
11	310	-	45	-	19	-	-	95	-	-	-	-	208	13	-	-	270	-
12	-	-67	10	-	-	-11	-	116	175	*69	-	-	-30	-21	-	3	-85	-230
13	-	-	26	-	-	-	-	-	221	2080	1220	-	-	775	-	-	-46	-201
14	-	*49	-	-	109	14	-	70	*229	770	-	-	131	60	1600	1113	-118	-228
15	-	NEG	133	541	35	249	-49	-	-	*46	470	-	288	764	-	-	60	-504
16	1530	572	845	1444	1120	645	414	128	38	*42	-	NEG	252	-	445	-	28	-304
17	254	-	-	NEG	11	28	32	116	446	248	*14	*72	-	-	138	232	451	-260
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-5
19	-	-	-	-	105	-	8	30	*124	*135	*164	-	-	-312	-	-	-	-
20	-	-	-	-	54	-	-	42	-	-	-	-	-	-	-	-	-	-1026
21	-	-	-	-	-144	-	-	25	-	-	-	-	-	-	-	-	-	-13
22	-	40	271	250	63	117	23	NEG	893	585	498	-	-	365	319	-	-14	-208
23	-	-	-	-	56	-	20	-	207	*36	-	239	-	-	-	33	19	-22
24	-	-	-	-	9	35	-	10	-	372	*115	11	-18	-	-	-	6	-
25	-	-	-	-	-	-	16	192	-	70	-	377	132	-	216	162	63	-91
26	-	-	30	-	-	-	NEG	-	*88	567	-	77	-	-	403	-	866	-110
27	-	-	38	-	-	-	-	14	-	-	-	-	-25	-	66	-	196	-100
28	-	-	-	-	35	-	-4	72	-	-	-	-	432	24	-	-	216	-
29	-	-	-	-	48	-	NEG	-	-	-	-	-	288	-154	-	123	12	-20
30	-	-	-	-	NEG	-	-	2	-	597	1579	-	-	-	-	35	-	-470
31	-	-	-	-	165	-	-	-	-	-	-	-	54	-	-	57	315	-89

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	104	42	99	-	28	144	-	-	-
2	-	-	-	-	-412	-	192	*256	*187	*30
3	-	63	-	-	62	-	274	-	NEG	NEG
4	-	17	-	-	-	-	79	*379	*398	*70
5	-590	-	-	-	184	-	-95	*18	*466	*969
6	66	555	-20	-	440	-	-	-	-	-
7	-11	-	-	-	607	505	430	-	*50	-
8	-3	35	-5	-	32	-	-	-	*277	*32
9	-204	33	85	-	334	-52	-	-	-	-
10	-105	820	320	331	-	369	-	*16	NEG	*246
11	-	116	-9	182	129	209	-	-	*24	-
12	-	903	-	-	-	-95	-	*35	*70	NEG
13	-	-	-	-70	-	-	6	*731	*103	NEG
14	-	-	1238	-	-	-	199	*48	*382	*45
15	-	91	-	-	392	-	168	*290	*376	*1183
16	-	-	575	176	447	-	180	*174	-	-
17	-	1592	1040	369	-	1426	255	-	-	-
18	-	-	-	819	-	-	-	-	*44	NEG
19	416	-	-	78	-90	169	-	*63	NEG	-
20	240	261	-	-	-	598	17	-	-	-
21	-	-	-	-	-581	-	30	-	*16	-
22	-	-	-	-	-	-	-106	*5	-	*16
23	-	-	-	-	-	-	-	-	NEG	NEG
24	-	-	-	-	-	221	348	*23	NEG	NEG
25	70	-	-69	30	1008	-	-	NEG	NEG	NEG
26	-2630	94	446	-41	-	288	33	-	NEG	*43
27	-12	-	-	78	-	-19	-	-	NEG	*22
28	-56	-	-	NEG	-	-510	-	NEG	NEG	-
29	7	29	-96	NEG	-	77	-81	-	*8	NEG
30	-	-	-	48	167	37	-1219	-	-	-
31	-	-	-	151	-	84	-	*10	NEG	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - AUGUST 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	FÆRØERNE	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	KELDSNOR	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 BARP	PA	44 25 N	0 54 W	48
21	F 03	LA CROUZILLE	PA	46 00 N	1 22 E	460
22	F 04	GRENORLE	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	RJUPNAHØ	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	TAGMYRA	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	HUMMELFJELL	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	WITTEVEN	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	SJØANGEN	PA	58 46 N	14 18 E	127
54	S 04	RYDA KUNGSGÅRD	PA	59 46 N	17 08 E	25
55	S 05	BREDKALEN	PA	63 51 N	15 20 E	404
56	S 07	RØRBÅCKSNAS	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	JOKIOINEN	PA	60 49 N	23 30 E	106
61	SF 3	PUUMALA	PA	61 34 N	28 04 E	122
62	SF 4	AHTARI	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	ESKDALEMJIR	PA	55 19 N	3 12 W	243
66	UK 7	STORNOWAY	A	58 13 N	6 20 W	4
67	UK 8	DEAN MOOR	A	54 36 N	3 28 W	200
68	UK 9	KIRKBY UNDERWOOD	A	52 51 N	0 26 W	80
69	UK12	PITLOCHRY	P	56 43 N	3 46 W	95

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 74

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

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	-	-	-	-	-	-	-	-	0.3	0.3	0.1	1.3	12.0	-	-	-	8.1	1.2
2	-	-	-	-	3.0	-	-	8.9	0.1	0.1	0.1	0.1	-	-	3.0	-	4.5	17.2
3	-	-	-	-	0.3	-	-	-	3.7	0.1	0.2	14.2	-	-	-	32.1	8.6	1.5
4	-	-	-	-	3.0	-	-	0.6	5.0	17.8	5.0	17.1	18.0	-	-	-	1.0	1.0
5	-	-	-	-	-	-	-	-	0.1	0.2	0.2	2.1	21.0	-	-	8.3	2.0	1.0
6	-	-	-	-	-	-	-	-	0.1	0.2	0.1	0.1	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	0.1	0.2	0.4	0.2	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	6.4	1.2	0.4	5.6	-	-	-	-	-	-
9	-	-	2.7	3.7	1.9	-	2.2	-	16.0	8.9	0.5	2.3	9.0	2.9	-	-	10.7	-
10	-	3.0	1.6	-	-	2.7	5.1	3.7	5.7	4.8	1.1	3.1	1.0	1.1	12.5	-	-	0.9
11	-	-	1.6	-	-	-	13.9	1.1	10.0	1.0	0.7	6.2	21.0	10.0	13.8	-	8.5	-
12	12.7	1.6	15.9	2.4	-	8.1	5.7	6.8	13.7	9.1	11.4	6.8	2.5	11.5	9.1	-	8.1	6.4
13	-	2.0	2.7	3.5	2.9	2.9	-	0.3	0.6	0.5	0.1	0.1	-	3.6	1.6	4.5	5.2	1.8
14	4.2	0.8	5.7	11.6	14.6	9.4	7.6	3.2	0.1	0.2	0.2	0.1	-	6.7	-	-	1.1	2.1
15	-	4.4	-	-	1.1	-	-	3.3	0.2	0.1	0.2	-	-	-	3.4	0.1	2.2	0.7
16	-	0.6	-	-	5.3	-	3.8	1.3	1.8	1.1	3.1	8.6	5.0	4.5	6.3	1.7	-	-
17	-	-	-	-	18.0	-	2.1	1.3	-	0.3	0.2	0.4	1.0	-	-	-	1.0	1.9
18	4.9	0.6	-	-	1.8	0.2	-	-	2.2	0.1	1.8	0.1	-	-	-	-	-	1.9
19	-	-	-	-	-	-	-	-	0.1	0.2	0.1	0.1	-	-	-	-	1.1	-
20	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	-	-	-	-	-	-
21	-	-	-	-	15.3	-	-	0.6	0.1	0.2	-	0.1	-	-	-	-	-	-
22	-	-	-	-	6.0	-	1.3	1.1	0.1	0.2	-	0.1	-	-	-	-	1.4	-
23	2.1	1.6	-	-	9.2	0.2	3.8	5.6	0.1	0.1	-	-	-	-	-	-	4.8	0.9
24	-	-	-	-	-	0.3	0.6	0.5	0.1	0.2	0.1	0.1	-	-	-	0.1	0.9	-
25	-	-	-	-	23.4	-	4.3	0.5	0.1	0.2	0.2	-	-	-	-	-	-	-
26	7.6	3.2	4.2	0.9	47.5	14.9	26.6	15.6	9.1	0.4	0.7	-	-	-	-	-	-	1.8
27	20.1	10.3	0.3	9.7	-	-	6.0	2.4	0.2	0.1	3.6	0.8	17.0	1.2	9.1	-	2.8	24.0
28	38.1	3.2	-	-	-	-	0.5	-	0.2	0.2	0.2	0.1	-	-	-	12.2	3.6	3.1
29	-	2.2	0.4	-	-	-	-	-	-	0.1	0.1	0.1	-	-	-	-	3.2	2.9
30	-	-	-	-	-	-	-	-	0.1	0.1	0.1	0.1	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	1.6	6.2	1.3	2.7	-	-	-	-	-	-

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

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	0.7	0.4	0.6	-	-	2.6	0.1
2	18.6	-	-	-	5.0	-	4.5	-	0.1	-
3	0.5	25.1	-	-	-	-	18.3	0.9	-	0.8
4	-	-	1.4	2.9	-	1.2	-	7.3	-	-
5	-	2.3	-	1.0	1.4	-	8.9	-	-	1.3
6	0.6	6.1	2.0	8.0	10.2	0.8	0.7	-	-	-
7	-	-	2.8	3.0	23.6	20.1	0.8	17.3	0.8	-
8	-	-	0.8	-	7.4	3.4	5.1	10.1	12.6	9.2
9	-	-	0.3	-	3.3	-	8.0	4.2	10.8	0.9
10	-	-	2.0	6.1	6.8	-	6.6	4.0	3.1	18.5
11	-	-	-	10.4	0.5	19.7	0.9	5.5	11.3	11.1
12	-	19.0	10.1	5.2	-	-	0.2	0.9	5.2	3.2
13	-	4.0	0.2	-	4.5	-	-	0.4	-	-
14	0.8	-	-	9.5	16.8	7.0	1.6	0.1	19.4	8.9
15	1.3	-	0.5	-	5.0	2.0	5.9	0.1	0.7	2.6
16	-	25.0	0.5	0.2	-	-	0.2	1.6	3.2	5.1
17	-	3.4	-	-	0.2	6.4	10.6	2.0	4.6	0.3
18	-	-	0.5	0.3	0.1	-	-	1.6	0.3	-
19	-	2.3	-	0.6	1.2	1.3	-	-	-	-
20	-	1.9	-	2.2	-	-	-	-	0.2	-
21	-	-	-	-	-	-	-	-	0.2	0.4
22	-	3.9	-	-	-	-	-	-	-	5.5
23	-	-	-	-	0.4	1.9	-	-	1.6	1.2
24	-	-	-	1.2	11.9	3.0	-	-	0.2	6.8
25	-	-	-	-	0.1	0.2	-	5.6	3.1	-
26	-	-	-	-	-	-	-	11.4	1.1	2.3
27	-	-	-	-	-	-	-	-	-	-
28	2.0	-	-	-	-	0.5	3.5	-	-	-
29	-	2.4	1.8	7.5	1.3	10.0	-	-	-	-
30	-	-	-	-	1.9	-	-	5.5	-	-
31	-	-	-	-	-	-	-	0.8	-	1.1

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	DK 2	DK 3	DK 4	DK 5	DK 6	F 01	F 02	F 03	F 05	F 06	IC 1	N 03	N 05	N 06	N 07	N 08
1	0.2	0.3	0.5	1.3	-	0.5	-	-	-	-	-	-	-	-	-	-
2	0.2	1.7	0.2	-	-	4.0	-	-	4.0	-	3.5	0.8	-	4.8	1.0	5.1
3	-	-	-	-	-	-	20.8	31.4	47.0	-	-	-	-	-	-	0.4
4	-	-	1.3	10.1	4.8	1.0	-	-	-	10.0	-	-	-	-	-	-
5	-	-	8.0	4.0	5.6	-	-	-	-	-	6.3	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-	-
7	-	0.1	-	-	-	1.3	5.0	1.5	-	-	13.6	-	-	-	-	-
8	-	0.4	4.0	0.4	-	1.4	-	5.8	1.8	4.0	1.0	-	-	0.5	-	2.5
9	1.8	19.1	0.8	0.3	1.3	7.5	-	10.4	6.4	15.0	4.0	2.0	3.6	2.4	1.5	2.7
10	-	0.5	0.4	1.3	1.2	0.5	-	-	-	-	0.2	-	15.3	-	-	-
11	-	4.0	0.5	0.1	-	-	-	-	0.8	-	2.1	-	-	-	-	-
12	1.0	9.2	3.0	0.4	1.8	-	-	-	-	-	-	10.3	7.9	12.6	13.8	1.6
13	5.5	0.1	-	1.6	-	-	-	-	-	-	-	1.5	7.5	0.4	9.4	-
14	8.9	0.3	-	-	-	-	-	-	-	-	-	12.6	8.3	13.1	15.5	9.2
15	0.1	-	-	-	-	-	-	-	-	-	-	0.3	1.4	-	0.2	0.6
16	1.5	-	2.0	-	7.5	0.8	-	-	-	-	-	-	-	-	1.0	4.1
17	-	0.5	-	1.8	-	-	-	-	-	2.0	3.1	-	-	1.1	1.5	4.5
18	-	-	-	-	-	1.3	-	-	14.5	-	3.3	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	8.0	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9
22	-	-	-	-	0.2	-	-	-	-	-	-	1.0	-	0.2	-	2.5
23	-	-	-	-	-	-	-	-	-	-	-	2.0	-	1.6	1.8	9.0
24	1.1	-	-	-	-	-	-	-	-	-	3.3	0.5	0.5	0.1	-	3.9
25	-	-	-	-	-	-	-	-	7.0	-	-	2.0	-	8.0	-	18.6
26	1.1	2.9	0.5	1.5	-	-	2.0	-	-	-	-	11.5	0.6	26.4	5.0	50.1
27	-	0.2	4.9	-	6.0	-	-	-	-	-	3.4	0.5	4.9	0.2	-	0.9
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	34.8	8.8	-	-	1.1	-	-	-	-	-
30	-	-	-	-	-	8.0	5.2	8.1	17.0	-	6.5	-	-	-	-	-
31	-	-	-	-	-	4.0	3.2	6.5	3.5	10.0	-	-	-	-	-	-

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 09	N 10	N 14	N 15	N 16	N 20	N 23	N 24	N 28	NL 1	NL 2	NL 3	NL 4	S 03	S 07	S 08
1	5.4	-	3.7	5.0	2.0	-	-	-	0.1	0.1	0.2	-	1.1	-	1.2	-
2	-	-	4.8	0.1	8.3	-	-	3.4	9.8	0.1	-	-	-	3.0	17.2	18.6
3	0.3	-	2.2	2.3	4.9	-	-	0.4	0.1	3.9	-	-	14.1	-	1.5	0.5
4	-	-	12.1	1.4	7.3	-	-	3.4	0.9	4.8	17.9	5.4	15.5	-	1.0	-
5	-	-	3.0	4.1	-	-	-	-	-	-	-	-	1.7	-	1.0	-
6	-	-	0.1	1.5	-	-	-	-	-	-	-	-	-	-	-	0.6
7	-	-	-	-	-	-	-	-	-	-	-	0.5	0.2	-	-	-
8	-	-	-	-	-	-	-	-	7.6	1.2	0.3	6.1	-	-	-	-
9	8.8	2.0	0.7	-	-	-	3.2	2.0	-	16.2	8.7	0.4	4.3	-	-	-
10	0.5	1.5	0.9	-	7.9	4.0	-	-	4.2	6.0	4.7	1.1	2.5	12.5	0.9	-
11	-	-	1.3	2.9	1.5	-	-	-	1.1	11.0	0.8	0.4	5.9	13.8	-	-
12	3.8	8.5	3.4	0.8	2.1	2.2	2.3	-	7.4	14.2	9.0	11.1	8.0	9.1	6.4	-
13	-	0.5	4.1	0.2	-	3.3	3.3	3.4	0.4	0.5	0.3	-	-	1.6	1.8	-
14	10.5	10.0	1.5	3.2	3.8	1.3	11.0	9.0	3.2	-	-	-	-	-	2.1	0.8
15	0.5	0.1	41.5	0.1	0.7	5.5	-	1.6	3.5	-	-	0.2	-	3.4	0.7	1.3
16	3.9	-	11.0	3.4	2.9	0.6	-	5.5	2.0	1.7	1.0	3.0	8.5	6.3	-	-
17	8.9	-	20.1	3.7	-	-	-	13.5	1.6	-	0.2	-	0.5	-	1.9	-
18	4.8	0.4	4.3	1.2	1.8	1.3	-	2.1	-	2.3	-	1.6	-	-	1.9	-
19	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	0.3	0.2	-	-	-	-	-	-	-	-	-	-	-	-
21	2.5	-	5.2	2.5	-	-	-	15.5	0.7	-	-	-	-	-	-	-
22	2.9	-	8.0	6.3	-	-	-	7.0	1.3	-	-	-	-	-	-	-
23	7.9	0.5	15.2	1.0	-	1.8	-	9.8	5.7	-	-	-	-	-	0.9	-
24	1.5	1.3	15.5	2.4	-	-	-	0.2	1.1	-	-	0.1	-	-	-	-
25	12.7	-	10.1	2.0	-	-	-	23.3	0.7	-	-	-	-	-	-	-
26	17.0	11.3	6.1	1.0	-	3.4	0.3	45.0	15.9	9.6	9.6	0.2	0.7	-	1.8	-
27	1.0	-	12.5	7.3	17.8	10.2	9.5	-	3.4	-	-	3.8	0.8	9.1	24.0	-
28	-	2.2	-	-	4.1	3.2	-	-	-	-	-	-	-	-	3.1	2.0
29	-	-	-	-	1.7	2.9	-	-	-	-	-	-	-	-	2.9	-
30	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	1.6	6.2	1.3	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	SF 1	SF 2	SF 3	SF 4	SF 5	UK 2
1	-	0.9	0.6	0.8	-	2.6
2	-	-	5.2	-	4.7	-
3	-	-	-	-	17.4	-
4	1.5	3.0	-	1.7	0.2	-
5	-	0.9	1.7	-	8.6	-
6	2.7	7.3	10.0	1.3	1.2	0.1
7	3.8	3.1	22.9	19.1	1.0	0.7
8	1.0	0.1	7.6	3.8	5.1	12.7
9	-	-	3.0	-	8.6	10.3
10	1.9	5.9	6.8	-	6.6	3.3
11	-	10.1	0.9	18.5	1.3	10.9
12	10.3	5.1	-	0.1	0.5	5.4
13	0.3	-	4.6	-	-	-
14	-	9.8	16.5	7.0	1.4	20.4
15	0.5	0.2	5.4	2.2	6.5	2.1
16	0.7	0.2	0.3	-	0.6	3.3
17	-	0.1	0.3	6.9	10.4	4.5
18	0.6	0.3	0.3	-	0.3	1.6
19	0.6	0.8	1.3	1.3	0.1	-
20	-	2.2	-	0.2	-	3.3
21	-	-	-	-	-	0.5
22	-	-	-	-	-	1.9
23	-	-	0.4	2.2	0.1	7.6
24	-	1.7	11.7	3.0	-	3.9
25	-	-	0.2	0.5	-	5.5
26	-	-	-	-	-	7.0
27	-	-	-	-	-	-
28	-	-	-	0.8	4.0	-
29	2.4	7.4	1.5	9.6	-	-
30	-	-	2.2	0.2	-	-
31	-	-	-	-	-	1.9

CONCENTRATION OF SODIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	IC 1	NL 1	S 02	S 08
1	1.5	-	-	2.0	1.8	-	-	-	-	-
2	1.6	-	1.2	-	-	-	5.3	-	-	0.6
3	1.0	-	-	-	-	1.2	-	1.0	-	-
4	0.5	-	-	1.5	1.0	0.6	-	0.5	-	-
5	1.2	-	-	1.2	0.6	0.2	0.9	-	-	0.6
6	0.3	-	-	-	-	-	5.0	-	-	1.1
7	0.7	-	-	-	6.0	-	0.3	-	-	-
8	10.4	-	4.8	6.0	5.4	0.8	2.4	1.0	-	-
9	-	13.0	0.4	-	1.4	-	0.4	0.7	54.0	-
10	1.9	-	3.0	1.0	1.3	0.4	-	1.5	2.5	-
11	-	-	0.2	2.0	-	-	2.8	0.9	1.4	-
12	-	6.2	0.2	1.0	-	0.4	-	0.2	2.5	-
13	1.2	-	-	-	2.6	-	-	-	7.8	-
14	-	2.2	-	-	-	-	-	-	2.2	2.5
15	3.4	20.1	-	-	-	-	-	-	-	1.6
16	5.5	-	-	-	3.7	-	-	1.3	5.4	-
17	-	-	6.5	-	2.2	-	1.8	-	5.4	-
18	-	-	-	1.5	-	-	1.8	1.2	5.4	-
19	2.6	-	-	-	-	-	0.2	-	-	-
20	3.4	-	-	-	-	-	-	-	-	-
21	2.1	-	-	-	-	-	-	-	-	-
22	2.6	-	-	-	-	-	-	-	-	-
23	1.8	10.0	-	-	-	-	-	-	-	-
24	0.8	-	-	-	-	-	1.7	-	-	-
25	9.3	-	-	-	-	-	-	-	-	-
26	9.6	11.2	0.7	2.4	3.8	-	-	0.9	-	-
27	4.0	-	-	0.8	1.6	-	2.8	-	11.2	-
28	0.6	-	-	-	-	-	-	-	-	2.6
29	1.2	-	-	-	-	-	4.5	-	-	-
30	-	-	-	-	-	-	0.8	-	-	-
31	2.6	-	-	-	-	-	-	0.9	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 74

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 18	N 19	N 20	N 22	N 23	N 24	N 26
1	-	-	-	-	-	-	0.13	-	0.01	0.02	0.05	-	-	-	-	-	-	-
2	-	0.11	-	0.29	-	0.03	-	-	0.02	-	0.05	0.24	-	-	-	-	0.19	-
3	-	-	-	-	-	0.11	-	-	0.01	0.04	0.02	-	-	-	-	-	0.30	-
4	-	-	-	-	-	-	-	-	0.01	0.95	0.02	-	-	-	-	-	0.05	-
5	-	-	-	-	-	-	-	-	-	0.08	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	0.11	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	1.20	-	0.10	-	-	-	-	-	-	-	-	-	-	-	-
9	0.08	0.14	0.03	0.30	0.20	0.04	0.08	0.41	0.19	-	-	-	-	-	1.61	4.41	0.23	-
10	-	-	0.03	-	-	-	0.36	0.06	0.12	-	0.06	0.17	-	0.06	0.65	-	-	0.02
11	-	-	-	-	-	-	-	-	0.03	0.02	0.08	-	-	-	0.35	-	-	-
12	0.06	0.36	0.07	0.20	0.16	0.05	0.04	0.02	0.03	0.02	0.06	0.03	0.03	0.06	0.13	1.41	-	0.03
13	-	0.04	0.03	0.25	0.09	-	-	0.06	0.02	0.12	-	0.04	-	0.06	0.38	1.41	0.09	0.02
14	0.02	0.01	0.01	0.06	0.05	0.01	0.02	0.01	0.02	0.01	0.04	-	0.05	0.07	0.25	0.30	0.04	0.01
15	-	0.10	0.02	-	-	0.49	0.24	0.08	0.03	-	0.10	0.02	-	0.06	-	-	1.06	-
16	-	-	-	-	0.36	0.15	0.24	-	0.08	0.02	0.11	-	-	0.06	-	-	0.41	-
17	-	-	-	1.93	0.27	0.09	0.30	-	0.01	0.01	-	-	-	-	-	-	0.25	-
18	-	-	-	-	-	-	0.14	0.14	0.12	0.03	6.00	0.07	0.02	0.02	-	-	0.14	-
19	-	-	-	-	-	-	-	-	-	0.01	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	0.18	0.40	-	0.03	0.02	-	-	-	-	-	-	0.16	-
22	-	0.32	-	-	-	0.12	0.20	-	0.05	0.04	-	-	-	-	-	-	0.10	-
23	-	0.27	-	0.22	0.20	0.04	0.14	0.03	0.01	0.07	-	0.56	0.08	0.03	-	-	0.04	-
24	-	0.17	0.21	-	-	0.05	0.17	0.19	0.01	0.02	-	-	-	-	-	-	-	-
25	-	0.30	-	0.51	-	0.07	0.14	-	0.01	0.04	-	-	-	-	-	-	0.08	-
26	0.15	0.11	0.23	0.19	0.20	0.03	0.19	0.17	0.03	0.04	-	-	0.07	0.07	0.52	17.00	0.04	0.05
27	-	0.19	0.13	-	-	-	0.31	-	0.03	0.02	0.04	0.08	0.02	0.07	2.20	0.26	-	-
28	-	-	-	-	-	-	-	0.06	-	-	0.02	0.04	0.01	0.02	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	0.02	0.02	-	0.02	0.43	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CONCENTRATION OF MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 27	N 28	NL 2	NL 3	NL 4	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	-	-	-	0.10	-	0.03	0.07	0.13	-	-	0.20	0.08
2	-	0.01	-	-	-	-	-	0.03	-	0.03	-	0.06	-
3	-	-	-	-	1.05	-	-	-	-	0.00	0.28	-	0.05
4	-	0.08	0.02	0.43	0.03	0.15	0.05	-	0.05	-	0.07	-	-
5	-	-	-	-	0.05	-	0.15	0.15	-	0.00	-	-	0.06
6	-	-	-	-	-	0.22	0.03	0.03	0.05	0.05	-	-	-
7	-	-	-	-	-	0.15	0.03	0.00	0.00	0.03	0.08	0.29	-
8	-	-	0.17	-	0.07	0.17	-	0.00	0.03	0.00	0.08	0.03	0.03
9	0.07	-	0.07	-	0.11	-	-	0.03	-	0.03	0.07	0.08	0.08
10	0.02	0.03	0.09	0.83	0.08	0.05	0.03	0.07	-	0.03	0.04	0.02	0.01
11	0.01	0.02	0.06	0.16	0.22	-	0.00	0.17	0.00	0.03	0.03	0.03	0.02
12	0.01	0.01	0.02	0.05	0.04	0.05	0.07	-	-	0.03	0.22	0.02	0.05
13	-	0.03	-	-	-	0.37	-	0.05	-	-	0.15	-	-
14	0.01	0.01	-	-	-	-	0.03	0.03	0.07	0.10	0.13	0.18	0.02
15	-	0.04	-	-	-	0.30	0.26	0.03	0.07	0.05	-	0.87	0.15
16	0.06	0.09	0.31	0.12	0.09	0.28	0.21	-	-	0.05	0.15	0.23	0.02
17	0.04	0.02	-	-	-	-	-	0.37	0.07	0.00	0.05	0.10	0.11
18	-	-	-	0.09	-	0.35	0.19	-	-	-	0.04	0.22	-
19	-	-	-	-	-	-	0.05	0.09	0.10	-	-	-	-
20	-	-	-	-	-	-	0.03	-	-	-	-	0.26	-
21	-	0.09	-	-	-	-	-	-	-	-	-	0.13	0.05
22	0.04	0.02	-	-	-	-	-	-	-	-	-	-	0.05
23	0.02	0.01	-	-	-	-	-	0.21	0.05	-	-	0.07	0.03
24	0.03	0.03	-	-	-	-	-	0.24	0.05	0.19	-	-	0.33
25	0.06	0.03	-	-	-	-	-	-	0.12	-	0.02	0.17	-
26	0.03	0.04	0.10	-	0.22	-	-	-	-	-	0.01	0.15	0.13
27	0.02	0.01	-	0.39	0.16	-	-	-	-	-	-	-	-
28	0.06	-	-	-	-	-	-	-	0.71	0.03	-	-	-
29	-	-	-	-	-	0.28	0.10	0.30	0.05	-	-	-	-
30	-	-	-	-	-	-	-	0.05	-	-	0.04	-	-
31	-	-	0.05	0.33	0.11	-	-	-	-	-	0.11	-	0.16

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 76

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 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	-	-	-	-	-	-	-	-	-	-	-	12.3	3.2	-	-	-	1.2	2.4
2	-	-	-	-	0.7	-	-	0.6	-	-	-	-	-	-	9.0	-	1.0	2.3
3	-	-	-	-	0.0	-	-	-	6.0	-	-	4.9	-	-	-	1.9	0.8	1.9
4	-	-	-	-	0.9	-	-	0.4	7.3	4.6	13.7	2.8	5.4	-	-	-	0.9	1.8
5	-	-	-	-	-	-	-	-	-	-	-	10.6	3.9	-	-	1.8	0.7	1.4
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	7.7	10.0	-	7.2	-	-	-	-	-	-
9	-	-	5.6	10.3	10.0	-	7.2	-	3.9	4.4	-	9.2	4.7	13.4	-	-	0.4	-
10	-	8.4	6.9	-	-	7.6	4.6	3.4	3.2	3.5	8.1	4.8	6.2	4.7	8.1	-	-	3.8
11	-	-	7.7	-	-	-	1.5	2.2	2.5	2.9	2.0	6.8	3.2	3.0	4.2	-	1.7	-
12	2.6	2.4	2.6	4.1	-	2.0	1.9	0.9	2.5	1.7	3.0	3.8	8.6	4.1	3.4	-	3.8	2.3
13	-	2.4	3.1	4.1	1.3	1.8	-	2.6	-	-	-	-	-	3.1	5.0	3.0	3.0	2.9
14	2.7	2.3	2.5	2.5	0.7	1.6	1.0	0.3	-	-	-	-	-	6.0	-	-	3.3	1.5
15	-	2.4	-	-	3.2	-	-	1.6	-	-	-	-	-	-	4.7	8.3	0.8	2.3
16	-	2.3	-	-	2.0	-	1.1	1.0	16.1	-	5.7	8.4	10.0	6.0	7.2	4.9	-	-
17	-	-	-	-	0.2	-	0.2	0.3	-	-	-	-	8.5	6.0	-	-	1.1	3.3
18	0.6	0.7	-	-	3.0	-	-	-	13.5	-	4.6	-	-	6.0	-	-	-	0.8
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	5.1	-	-	5.2	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	0.8	-	3.4	1.6	-	-	-	-	-	-	-	-	2.7	-
23	3.4	1.7	-	-	2.2	-	2.8	1.6	-	-	-	-	-	-	-	-	0.7	3.3
24	-	-	-	-	-	-	1.0	0.4	-	-	-	-	-	-	-	-	0.9	-
25	-	-	-	-	3.1	-	6.6	0.2	-	-	-	-	-	-	-	-	-	-
26	7.7	9.6	10.6	22.2	4.1	6.2	8.5	10.1	13.2	7.0	-	16.7	-	-	-	-	-	10.8
27	5.7	9.8	30.8	8.2	-	-	4.5	3.4	-	-	5.5	19.5	9.8	21.7	8.6	-	5.3	5.8
28	1.5	2.4	-	-	-	-	3.2	-	-	-	-	-	-	-	-	2.7	1.2	4.0
29	-	1.6	5.6	-	-	-	-	-	-	-	-	-	-	-	-	-	6.9	1.9
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	25.3	4.3	12.8	12.1	-	-	-	-	-	-

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

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	1.9	11.3	0.8	-	-	3.8	-
2	2.0	-	-	7.0	-	-	3.7	-	-	-
3	-	0.7	-	-	-	-	0.3	8.1	-	0.8
4	-	0.7	3.3	1.7	-	1.3	-	7.0	-	-
5	5.8	0.6	-	6.9	30.5	-	0.8	-	-	2.6
6	20.7	1.0	1.7	0.7	2.3	1.3	2.2	-	-	-
7	-	-	2.3	1.4	2.0	0.9	4.1	10.3	10.8	-
8	-	-	2.9	-	2.4	0.7	1.2	7.0	1.7	5.2
9	-	-	-	-	5.5	-	0.8	1.7	1.4	0.2
10	-	-	3.5	1.7	4.4	-	0.2	1.0	2.8	0.5
11	-	-	-	2.6	22.2	1.2	0.7	1.4	1.5	0.7
12	-	2.1	1.4	5.5	-	-	1.1	4.3	0.8	1.0
13	-	4.6	-	-	5.5	-	-	9.7	-	-
14	22.5	-	-	2.9	1.3	2.3	1.9	-	2.1	2.0
15	12.4	-	14.4	10.3	1.6	1.6	1.7	-	1.5	1.8
16	-	4.4	4.1	6.1	-	-	1.6	2.3	0.6	0.1
17	-	1.6	-	-	-	1.0	0.5	6.6	0.7	0.9
18	-	1.6	4.1	2.5	-	-	-	3.6	11.1	-
19	-	0.9	-	3.2	16.6	7.6	-	-	-	-
20	-	1.6	-	1.0	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	0.6
22	-	2.6	-	-	-	-	-	-	-	3.7
23	-	-	-	-	5.0	3.1	-	-	1.8	0.7
24	-	-	-	9.3	2.9	2.6	-	-	-	1.7
25	-	-	-	-	6.3	6.7	-	1.3	1.5	-
26	-	-	-	-	-	-	-	0.3	1.8	0.4
27	-	-	-	-	-	-	-	-	-	-
28	15.4	-	-	-	26.0	3.4	-	-	-	-
29	-	7.0	8.0	5.1	9.5	5.5	-	-	-	-
30	-	-	-	-	4.9	-	-	2.2	-	-
31	-	-	-	-	-	-	-	4.1	-	12.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

AUGUST 74

PH IN PRECIPITATION.

DATE	N 14	N 15	N 16	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
1	5.20	5.10	5.85	-	-	-	-	-	-	-	-	-	-	-	-	4.24
2	4.90	-	4.60	4.90	-	-	-	-	4.95	-	-	4.70	-	-	-	-
3	5.20	5.10	6.20	-	-	-	-	-	5.40	-	-	-	4.22	-	-	7.08
4	5.10	6.40	5.85	-	-	-	-	-	5.00	-	-	4.70	4.09	4.13	3.86	4.47
5	-	5.10	-	-	-	-	-	-	-	-	-	-	-	-	-	4.40
6	-	6.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.03
8	-	-	-	-	-	-	-	-	-	-	-	-	4.71	4.03	3.88	4.27
9	-	-	-	-	-	-	4.45	3.75	4.00	-	4.45	-	4.19	3.98	3.83	4.38
10	4.70	-	4.50	4.85	-	3.95	3.95	-	-	3.90	4.80	4.30	4.37	4.44	4.07	4.38
11	4.40	4.80	6.25	-	-	-	3.90	-	-	-	4.50	4.25	4.11	4.11	4.06	4.46
12	4.60	4.55	5.90	4.65	4.25	5.15	4.40	4.10	-	4.40	4.50	4.65	4.34	4.42	4.02	4.50
13	5.05	-	-	4.20	-	5.10	4.50	4.10	4.70	4.40	-	4.15	3.95	3.87	-	-
14	6.10	5.00	4.70	-	4.35	5.10	4.30	4.35	4.55	4.50	4.60	4.80	-	-	-	-
15	4.90	-	4.95	4.40	-	5.05	-	-	4.40	-	-	4.40	-	-	-	-
16	5.00	5.05	5.50	-	-	5.80	-	-	4.35	-	4.80	4.70	4.80	4.10	4.29	4.35
17	5.65	5.50	6.50	-	-	-	-	-	5.10	-	5.00	5.10	-	-	-	3.90
18	4.65	4.90	7.70	5.60	5.40	5.10	-	-	6.65	-	-	-	4.14	-	4.36	-
19	-	5.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	3.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	4.40	4.50	-	-	-	-	-	-	4.20	-	-	3.75	-	-	-	-
22	4.85	4.70	-	-	-	-	-	-	5.80	-	4.20	4.50	-	-	-	-
23	4.75	5.10	-	4.55	4.65	4.60	-	-	4.30	-	4.20	4.55	-	-	-	-
24	4.90	5.35	-	-	-	-	-	-	-	-	5.10	4.85	-	-	-	-
25	4.85	6.10	-	-	-	-	-	-	4.25	-	3.90	4.40	-	-	-	-
26	4.80	5.35	-	-	4.20	3.90	4.15	4.80	4.10	4.15	3.90	3.80	4.55	3.93	3.75	4.03
27	4.50	4.35	4.25	4.00	4.15	3.90	3.60	4.00	-	-	4.20	4.20	-	-	4.02	4.08
28	-	-	4.40	4.45	4.60	4.40	-	-	-	-	4.40	-	-	-	-	-
29	-	-	4.45	4.55	-	4.90	4.10	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	4.08	4.35	4.00	-

PH IN PRECIPITATION.

DATE	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	5.27	-	-	-	-	4.30	5.80
2	-	-	4.23	-	4.25	-	5.70	-
3	-	-	-	-	5.32	4.50	-	6.60
4	6.50	5.72	-	-	-	3.90	-	-
5	-	4.41	-	-	4.88	-	-	4.30
6	6.21	5.35	6.68	7.22	-	-	-	-
7	5.20	5.38	5.98	5.03	6.80	3.30	6.70	-
8	5.89	-	5.06	5.18	4.66	3.80	6.10	3.70
9	-	-	4.24	-	3.51	4.70	4.30	4.40
10	4.91	5.02	4.55	-	5.76	4.80	4.00	4.40
11	-	4.50	-	4.94	6.30	4.40	5.40	4.50
12	4.72	4.36	-	-	-	4.70	4.60	4.40
13	-	-	4.31	-	-	3.70	-	-
14	-	4.45	4.90	4.30	4.96	4.30	5.80	4.20
15	-	-	4.88	4.76	4.87	4.70	4.70	5.90
16	-	-	-	-	-	4.70	5.90	4.70
17	-	-	-	6.06	5.20	4.00	6.00	6.50
18	-	-	-	-	-	4.10	7.70	-
19	-	-	8.02	5.45	-	-	-	-
20	-	5.86	-	-	-	-	6.70	-
21	-	-	-	-	-	-	6.70	5.60
22	-	-	-	-	-	-	-	4.50
23	-	-	-	4.78	-	-	6.50	4.20
24	-	5.88	4.44	5.45	-	-	-	4.40
25	-	-	-	-	-	4.50	4.70	-
26	-	-	-	-	-	4.40	6.50	6.00
27	-	-	-	-	-	-	-	-
28	-	-	-	-	4.64	-	-	-
29	6.09	4.77	7.28	4.62	-	-	-	-
30	-	-	5.98	-	-	4.40	-	-
31	-	-	-	-	-	4.40	-	3.50

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 74

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER) * COMPUTED FROM PH

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	-	-	-	-	-	-	-	-	-	-	-	*58	46	-	-	-	14	-99
2	-	-	-	-	5	-	-	20	-	-	-	-	-	-	90	-	27	-9
3	-	-	-	-	2	-	-	-	74	-	-	NEG	-	-	-	34	23	-46
4	-	-	-	-	6	-	-	32	178	114	225	94	82	-	-	-	16	-132
5	-	-	-	-	-	-	-	-	-	-	-	105	59	-	-	30	17	-104
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	*93	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	32	*93	*132	135	-	-	-	-	-	-
9	-	-	27	212	114	-	35	-	100	158	*148	115	-60	157	-	-	-24	-
10	-	112	94	-	-	146	19	44	86	73	*85	104	124	15	81	-	-	44
11	-	-	114	-	-	-	39	56	115	*78	*87	65	64	42	55	-	33	-
12	56	-10	44	96	-	45	35	25	90	84	130	43	-121	67	45	-	76	25
13	-	-12	31	94	23	33	-	71	*112	*135	-	-	-	35	66	43	55	25
14	45	NFG	57	49	25	30	28	15	-	-	-	-	-	23	-	-	57	-19
15	-	-3	-	-	40	-	-	35	-	-	-	-	-	-	57	90	16	22
16	-	-18	-	-	49	-	17	16	28	*79	79	64	-131	39	65	75	-	-
17	-	-	-	-	13	-	4	6	-	-	-	*126	-98	39	-	-	16	-3
18	-1	NFG	-	-	NEG	-	-	-	77	-	161	-	-	39	-	-	-	-25
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	73	-	-	180	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-22	-	63	22	-	-	-	-	-	-	-	-	44	-
23	38	22	-	-	50	-	63	24	-	-	-	-	-	-	-	-	12	-12
24	-	-	-	-	-	-	8	14	-	-	-	-	-	-	-	107	22	-
25	-	-	-	-	60	-	125	40	-	-	-	-	-	-	-	-	-	-
26	63	125	87	16	102	91	125	176	56	145	*178	*93	-	-	-	-	-	62
27	71	125	250	130	-	-	63	104	-	-	131	*83	-19	137	75	-	84	51
28	26	40	-	-	-	-	40	-	-	-	-	-	-	-	-	46	24	33
29	-	10	80	-	-	-	-	-	-	-	-	-	-	-	-	-	100	11
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	161	109	130	109	-	-	-	-	-	-

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER) * COMPUTED FROM PH

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	20	-	-	-	-	*50	NFG
2	19	-	-	-	95	-	95	-	NEG	-
3	-115	26	-	-	-	-	14	*32	-	NFG
4	-	26	-20	10	-	-	-	*126	-	-
5	57	-1	-	75	-	-	21	-	-	*50
6	39	21	-9	10	-58	-103	-	-	-	-
7	-	-	17	10	2	24	-27	*501	NFG	-
8	-	-	NEG	-	17	11	34	*158	NFG	*200
9	-	-	-	-	93	-	7	*20	*50	*40
10	-	-	26	20	47	-	3	*16	*100	*40
11	-	-	-	57	-	27	-10	*40	NEG	*32
12	-	-49	35	66	-	-	-	*20	*25	*40
13	-	40	-	-	80	-	-	*200	-	-
14	41	-	-	53	26	83	27	*50	NFG	*63
15	13	-	-	-	29	37	24	*20	*20	NFG
16	-	-150	-	-	-	-	-	*20	NFG	*20
17	-	20	-	-	-	-10	20	*100	NEG	NEG
18	-	20	-	-	-	-	-	*79	NEG	-
19	-	20	-	-	NEG	18	-	-	-	-
20	-	16	-	2	-	-	-	-	NEG	-
21	-	-	-	-	-	-	-	-	NEG	NFG
22	-	21	-	-	-	-	-	-	-	*32
23	-	-	-	-	-	39	-	-	NEG	*63
24	-	-	-	14	60	46	-	-	-	*40
25	-	-	-	-	-	-	-	*32	*20	-
26	-	-	-	-	-	-	-	*40	NEG	NFG
27	-	-	-	-	-	-	-	-	-	-
28	-70	-	-	-	-	-	41	-	-	-
29	-	36	-6	40	NEG	50	-	-	-	-
30	-	-	-	-	0	-	-	*40	-	-
31	-	-	-	-	-	-	-	*40	-	*316

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 74

SO2 IN AIR (MICROGRAMS PER M3)

DATE	A	02	CH	1	CH	2	D	01	D	02	D	03	D	04	D	05	F	01	F	02	F	03	F	04	F	05	F	06	IC	1	N	01	N	03	N	09
1	-	0	0	5	18	11	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2	1				
2	-	0	0	5	8	10	13	10	22	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	1	1	1				
3	-	0	0	6	7	10	26	8	0	0	0	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	5	2	2					
4	-	0	0	9	11	6	9	10	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	3	1	1					
5	-	0	5	13	9	16	9	12	12	9	12	0	18	18	0	0	0	0	0	0	0	0	0	0	0	0	1	6	2	1	1					
6	-	0	0	6	9	9	12	8	9	0	0	0	17	16	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	5	5					
7	-	0	0	6	9	14	22	7	7	7	7	0	18	11	0	0	0	0	0	0	0	0	0	0	0	0	1	10	6	6	6					
8	-	0	-	14	27	7	8	12	0	7	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14	7	8	8					
9	-	0	0	9	16	11	9	8	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	5	7	7					
10	-	0	0	10	12	8	6	-	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	6	2	2					
11	-	0	0	10	6	5	5	11	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	1						
12	-	0	0	8	8	5	7	10	13	6	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1					
13	-	0	5	9	11	7	16	13	0	7	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1						
14	-	0	10	12	18	6	22	10	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	2	2						
15	-	0	5	8	20	8	24	9	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	3	1	1						
16	-	0	5	13	19	5	29	13	21	0	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4	1	1						
17	-	0	0	10	-	6	13	10	6	0	9	17	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	1	1	1						
18	-	0	0	-	-	3	14	9	14	0	6	4	6	0	0	0	0	0	0	0	0	0	0	0	0	5	2	1	1	1						
19	-	0	0	-	-	9	15	10	40	0	10	7	7	0	0	0	0	0	0	0	0	0	0	0	0	8	1	1	1	1						
20	21	0	5	-	-	9	11	16	25	0	7	0	8	0	0	0	0	0	0	0	0	0	0	0	0	5	1	1	1	1						
21	12	0	0	10	-	5	18	10	20	7	5	0	16	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1						
22	5	0	0	11	-	6	13	9	29	0	17	0	4	8	3	3	1	1	1	1	1	1	1	1	1	3	3	1	1	1						
23	5	0	10	12	-	12	9	9	31	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	1	1	1						
24	0	0	15	23	-	9	18	14	20	0	0	11	0	7	1	3	3	1	1	1	1	1	1	1	0	1	3	3	1	1						
25	0	0	10	31	-	10	32	12	9	5	8	12	0	12	0	4	4	3	1	1	1	1	1	1	12	13	4	3	1	1						
26	5	0	5	8	-	5	11	15	5	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	7	6	13	2	2						
27	12	0	0	8	-	4	13	11	8	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4	3	3	1	1						
28	0	0	5	7	-	5	29	13	12	4	3	12	10	3	4	1	1	1	1	1	1	1	1	1	3	4	1	1	3	3						
29	7	0	5	6	-	7	21	9	0	21	0	35	13	3	3	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1						
30	10	5	5	7	-	7	30	24	0	5	0	22	3	0	4	1	2	1	1	1	1	1	1	1	0	4	1	2	1	1						
31	0	0	0	24	-	5	7	38	0	0	0	21	0	0	5	6	12	5	0	0	0	0	0	0	0	5	6	12	5	5						

SO2 IN AIR (MICROGRAMS PER M3)

DATE	N	22	N	23	N	25	N	26	NL	1	NL	2	NL	3	NL	4	S	01	S	02	S	03	S	04	S	05
1	4	7	1	7	12	0	0	14	16	8	8	11	8													
2	1	3	3	5	16	0	8	6	10	5	8	4	3													
3	4	4	3	2	11	5	6	18	9	-	6	3	2													
4	3	3	2	-	13	6	0	14	12	5	5	3	5													
5	5	1	5	10	0	0	0	0	11	5	5	3	6													
6	3	1	1	5	0	0	0	0	15	6	5	4	2													
7	3	1	1	3	38	9	6	19	6	5	5	8	4													
8	2	1	1	6	8	14	4	38	9	8	5	6	3													
9	5	2	1	19	10	0	10	0	11	10	10	14	3													
10	3	1	1	3	0	0	0	5	6	4	5	7	10													
11	3	4	1	10	5	0	0	0	6	3	8	8	0													
12	1	1	2	7	12	0	6	0	5	4	3	0	6													
13	1	1	2	1	28	7	5	7	3	4	9	9	0													
14	2	3	1	1	15	10	14	15	4	6	8	4	7													
15	2	5	1	1	12	13	6	20	5	13	8	6	8													
16	2	6	1	2	10	8	4	0	3	10	12	11	10													
17	2	2	1	6	8	0	9	13	8	12	9	5	8													
18	2	1	1	7	0	0	0	0	3	2	5	7	10													
19	5	2	1	6	0	0	0	4	6	5	3	2	4													
20	5	3	1	1	0	0	0	19	6	13	5	0	13													
21	4	3	1	1	0	4	14	0	5	10	1	0	8													
22	4	5	1	1	0	7	0	47	7	7	8	8	5													
23	3	3	1	1	14	7	12	0	7	12	7	5	9													
24	2	4	1	1	0	13	11	12	6	10	8	7	3													
25	3	3	1	3	31	10	5	35	-	8	4	7	10													
26	7	5	1	15	25	16	30	6	18	10	11	7	11													
27	1	3	2	10	4	5	0	10	12	8	3	3	8													
28	1	1	1	5	0	0	0	6	5	4	3	5	10													
29	2	2	1	3	19	21	19	9	4	7	2	7	5													
30	3	3	4	1	27	22	23	48	8	6	5	4	4													
31	15	7	9	4	14	15	14	20	11	7	8	3	15													

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

AUGUST 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 8	UK 9
1	4	8	9	0	3	0	0	0	17	2	6	14
2	0	4	8	3	5	0	0	0	11	2	6	22
3	4	9	5	0	0	0	0	0	15	3	6	44
4	2	10	5	0	3	0	0	0	7	8	6	44
5	2	9	4	3	0	0	3	0	5	5	6	44
6	8	9	5	4	3	3	0	0	19	6	6	44
7	9	12	12	0	0	0	0	6	19	23	6	51
8	7	4	10	3	3	0	0	0	9	8	6	22
9	4	2	4	3	0	4	0	3	4	1	6	35
10	6	12	4	0	0	0	0	0	5	6	6	35
11	3	10	18	0	0	0	0	0	7	1	6	35
12	1	18	13	0	6	3	3	3	8	1	6	42
13	4	12	12	0	6	0	0	0	17	7	6	35
14	6	12	15	0	3	0	3	0	10	6	6	35
15	5	7	14	0	13	0	0	0	12	1	6	42
16	1	19	12	3	10	0	0	0	9	1	6	28
17	1	9	4	0	3	0	0	0	5	1	6	49
18	3	5	4	3	3	0	0	0	12	6	6	35
19	4	4	6	3	0	0	0	0	3	6	6	42
20	3	9	6	0	0	0	0	0	3	1	6	57
21	4	11	6	0	0	0	0	0	27	2	6	49
22	5	10	9	0	0	0	0	0	26	1	6	42
23	7	10	3	0	0	0	0	0	8	1	6	35
24	0	13	3	0	0	0	0	0	6	1	0	42
25	1	13	3	0	0	0	0	0	10	6	0	28
26	0	14	7	0	6	0	3	0	7	2	0	42
27	0	16	5	0	0	0	0	0	14	3	6	42
28	0	16	8	0	0	0	0	0	-	7	6	49
29	4	15	10	0	3	0	3	0	22	26	6	21
30	6	7	9	0	3	0	3	0	27	18	6	71
31	3	11	9	0	0	0	0	0	23	17	6	28

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	-	7.2	7.6	2.9	4.3	1.9	1.9	1.9	0.4	2.4	3.7	3.7	5.5	6.1	3.0	0.2	5.4	3.8
2	-	5.7	8.3	2.9	3.1	4.1	2.2	1.4	0.1	1.7	2.2	2.5	3.1	4.2	4.7	4.2	0.0	5.0
3	-	4.3	8.4	3.6	3.8	3.1	4.3	1.4	0.2	1.6	2.2	2.9	3.1	2.9	5.7	1.0	0.0	4.7
4	-	7.3	7.5	2.9	4.6	3.4	2.2	1.4	0.4	1.6	3.1	3.5	7.2	4.9	1.3	3.2	2.5	4.3
5	-	6.0	7.4	1.9	2.4	2.4	3.1	0.5	0.5	1.6	1.3	1.6	2.1	5.3	8.5	4.4	4.6	3.1
6	-	0.6	3.8	1.9	0.5	3.6	4.8	1.0	0.2	0.2	2.9	3.5	2.4	2.6	11.6	3.4	3.4	3.8
7	-	2.1	7.2	2.9	2.4	3.1	1.9	2.2	2.5	2.6	5.8	6.5	9.6	4.7	6.4	2.1	2.9	2.9
8	-	4.6	0.7	6.0	5.0	1.2	2.2	1.0	0.0	5.2	9.1	8.0	4.2	2.9	0.9	0.7	1.2	1.2
9	-	3.5	0.3	4.1	2.9	0.2	1.4	0.5	0.0	6.4	7.3	6.2	0.6	7.2	1.0	0.1	0.1	1.4
10	-	3.4	0.4	3.4	1.9	0.7	1.2	-	0.0	3.4	7.9	5.0	0.5	5.5	0.2	1.6	0.1	1.6
11	-	17.5	0.3	3.1	1.0	0.5	1.2	0.5	0.2	5.6	4.3	4.3	0.3	5.4	0.2	0.5	0.1	6.4
12	-	2.0	0.4	3.1	1.7	0.7	1.4	1.0	0.0	2.4	3.0	3.8	4.9	7.3	48.6	1.4	0.2	5.0
13	-	2.7	3.7	3.1	0.8	0.2	1.4	0.5	0.1	3.1	2.2	2.3	2.2	4.4	52.4	2.2	2.1	6.6
14	-	5.7	8.7	4.1	3.4	1.4	3.8	1.9	0.1	2.3	5.3	6.2	8.2	4.0	54.6	3.0	0.0	6.2
15	-	4.2	5.6	4.8	4.3	1.7	1.4	1.0	0.0	6.1	6.7	6.8	9.2	13.2	45.4	0.0	1.4	0.0
16	-	5.0	5.3	4.1	2.4	1.4	2.9	1.9	0.1	6.2	6.4	6.7	11.0	10.4	55.6	2.2	0.0	0.0
17	-	6.4	10.5	3.6	-	1.9	2.4	1.9	0.2	3.6	2.2	2.8	4.4	6.1	54.9	0.2	0.0	1.3
18	-	7.7	10.8	1.7	-	5.0	3.4	2.9	0.1	1.2	0.7	0.7	1.4	2.3	10.2	0.0	1.4	3.8
19	-	5.6	16.8	1.0	-	2.4	2.9	2.2	0.0	0.6	0.6	3.0	1.4	1.4	34.0	3.0	3.8	7.6
20	22.8	7.5	23.8	0.7	-	5.0	3.8	1.0	0.0	1.0	1.3	4.4	2.0	2.3	92.2	1.4	26.4	3.3
21	16.5	5.9	7.2	1.4	-	7.9	4.6	4.6	0.2	2.4	3.7	6.4	3.1	2.6	48.8	5.2	13.3	3.6
22	9.3	3.9	17.8	3.4	-	8.9	10.8	5.3	0.2	4.4	5.2	8.6	10.2	2.9	51.4	0.4	35.7	3.8
23	17.5	3.2	33.9	5.3	-	15.1	4.6	6.2	0.1	10.4	8.2	11.8	16.4	4.3	54.8	0.0	0.0	16.6
24	36.7	3.8	39.2	7.2	-	13.7	8.2	8.9	0.1	3.7	9.2	21.8	18.7	13.6	28.7	2.0	0.0	29.0
25	17.6	3.3	32.1	5.5	-	13.9	5.7	10.3	0.0	10.6	6.2	0.0	30.8	13.9	24.0	1.1	22.1	31.4
26	11.8	5.7	11.1	15.8	-	11.8	15.8	7.4	0.4	-	25.6	16.4	25.8	11.7	4.5	1.2	4.0	17.4
27	7.0	6.5	4.3	3.8	-	1.4	1.4	4.6	0.1	-	3.8	4.1	2.8	10.1	1.4	0.0	2.4	2.0
28	5.6	1.3	10.5	2.6	-	2.9	4.1	1.9	0.7	0.1	1.4	1.0	1.4	6.5	16.2	7.1	0.6	4.2
29	10.6	4.1	7.9	1.4	-	1.7	4.6	4.1	0.4	0.2	2.5	1.9	3.8	4.0	37.8	0.0	7.0	7.7
30	5.6	5.1	10.1	7.0	-	2.6	5.0	2.2	0.0	0.4	9.2	7.0	2.4	6.1	3.7	2.2	2.6	13.6
31	5.1	4.3	2.6	11.3	-	1.4	10.6	2.9	2.2	1.1	12.2	13.8	1.2	5.4	3.7	3.0	2.1	2.7

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

AUGUST 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	3.8	1.0	0.3	2.0	2.3	1.5	2.1	0.1	0.4	0.7	5.7	5.0	5.9	3.3	4.3	3.1	1.3	1.6
2	2.6	0.5	0.6	1.0	0.8	0.7	1.4	0.1	0.3	0.3	8.2	7.2	11.0	8.2	5.0	2.0	3.2	2.6
3	24.6	0.2	0.5	0.9	1.0	0.5	1.6	1.3	0.2	0.4	10.4	6.0	7.5	13.9	2.9	2.1	0.7	2.0
4	3.5	0.3	0.7	0.6	0.6	0.5	1.0	0.6	0.2	-	9.4	8.2	7.0	8.9	4.6	3.3	0.9	2.1
5	17.3	0.6	0.7	0.5	0.6	0.6	0.9	0.1	0.1	0.2	2.3	1.7	1.8	4.6	3.0	1.6	1.0	1.1
6	22.9	0.7	0.6	1.0	1.4	0.5	1.2	1.0	0.2	0.4	2.6	1.6	1.8	3.2	2.1	1.3	0.0	0.4
7	19.2	0.3	0.4	10.2	8.7	7.4	3.7	0.5	0.3	7.1	9.4	5.2	6.9	10.8	0.0	6.5	0.0	0.3
8	0.7	0.1	0.6	13.2	14.7	10.3	17.1	11.3	0.3	7.5	6.3	9.1	8.1	5.5	4.0	13.2	0.0	0.6
9	3.9	0.1	1.1	13.2	10.3	6.6	14.9	15.6	1.0	6.1	4.6	3.8	5.0	4.8	5.5	11.8	4.5	1.4
10	4.4	0.1	1.7	3.5	2.1	1.9	3.5	5.1	1.3	2.7	2.9	2.1	2.7	3.0	5.0	7.0	4.6	1.7
11	3.8	0.0	0.9	3.4	2.2	0.8	5.3	3.6	2.3	4.2	6.0	3.9	4.2	5.3	2.3	4.6	3.5	5.8
12	5.4	0.5	1.0	2.6	2.4	2.2	3.9	2.8	1.0	2.2	4.0	5.1	4.7	3.8	2.6	3.5	2.7	9.2
13	6.7	3.8	2.2	2.3	2.4	1.7	4.3	3.1	1.5	1.9	9.1	6.2	4.1	11.2	2.1	3.7	2.3	3.3
14	9.4	2.9	1.6	1.8	1.8	1.2	0.2	0.3	0.4	1.7	11.4	8.0	8.6	15.2	2.6	3.2	2.7	3.9
15	6.6	5.6	0.8	4.6	4.7	3.2	7.9	3.6	0.5	2.3	9.1	7.0	5.0	6.7	0.8	7.9	5.3	6.6
16	6.7	0.2	1.2	4.0	3.5	2.3	8.7	1.1	0.6	2.8	7.1	6.7	5.4	12.1	8.1	7.5	5.9	8.5
17	2.6	0.8	0.6	0.6	0.4	0.4	1.7	0.1	0.1	0.3	6.0	2.2	7.4	4.2	5.5	3.6	2.1	3.2
18	3.7	0.0	1.0	0.3	0.4	0.2	0.6	0.2	0.2	0.3	5.1	2.6	3.4	7.0	1.2	0.5	0.0	0.7
19	11.0	4.7	0.3	0.4	0.2	0.4	3.5	0.5	0.1	0.4	1.9	1.8	1.5	2.7	0.8	0.7	0.1	0.5
20	14.6	19.0	0.3	0.7	0.3	0.6	1.1	0.8	0.4	0.6	4.1	2.2	1.4	7.8	1.9	1.8	0.2	0.8
21	37.4	25.8	0.3	1.7	1.3	2.1	1.4	1.1	1.5	1.1	6.1	6.2	7.0	10.8	3.2	4.3	1.0	1.1
22	8.6	31.7	0.2	6.5	3.5	1.5	1.4	6.8	1.1	3.9	8.9	7.0	8.5	12.0	2.4	7.0	6.8	5.7
23	0.9	36.1	0.5	3.6	3.2	2.7	6.1	4.1	0.2	2.4	17.7	13.2	13.0	17.0	5.1	7.2	9.1	9.7
24	0.4	40.0	0.5	3.2	4.1	2.1	3.7	5.2	0.3	2.3	8.3	11.1	8.8	18.4	15.7	15.2	9.6	10.4
25	5.4	41.2	0.6	7.0	5.5	3.1	5.4	6.8	1.8	5.4	13.5	9.6	4.3	9.6	14.9	10.8	8.0	8.4
26	2.7	0.5	0.3	12.9	10.8	4.9	14.1	11.2	3.1	9.2	14.5	14.5	12.2	11.0	10.9	17.7	20.4	16.5
27	3.0	7.3	0.4	5.4	2.6	0.6	5.8	5.2	2.0	5.3	2.8	2.4	2.0	4.0	8.7	7.0	7.6	14.4
28	17.0	13.8	0.3	5.3	0.5	1.1	2.4	0.7	1.0	1.9	3.5	2.4	2.1	7.1	1.2	1.4	4.1	10.7
29	51.2	15.4	0.4	1.9	3.1	3.8	2.9	0.7	1.3	2.0	17.6	11.6	13.1	15.8	2.6	3.7	2.8	3.7
30	3.4	4.9	-	2.8	2.6	3.8	2.8	5.2	1.4	2.1	14.1	17.3	16.8	12.2	7.4	4.6	3.1	4.1
31	0.6	4.9	0.9	4.1	3.0	7.3	3.1	1.8	1.7	5.6	9.1	11.9	8.5	7.7	2.4	9.5	5.2	4.7

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 8	UK 9
1	0.4	0.0	2.2	1.7	0.8	0.6	0.6	0.8	0.6	5.0	1.0	2.0	1.0	3.0
2	0.5	1.4	3.4	2.6	1.1	1.1	0.7	1.8	0.8	6.0	1.0	2.0	1.0	3.0
3	1.0	0.0	2.2	1.7	0.6	1.5	0.7	1.0	0.5	8.0	1.0	1.0	1.0	3.0
4	0.4	0.2	4.6	1.7	1.1	0.9	0.8	1.1	0.4	4.0	2.0	4.0	1.0	3.0
5	0.2	0.0	7.2	0.0	1.0	1.9	0.9	0.8	0.5	4.0	5.0	2.0	4.0	3.0
6	0.1	0.0	0.0	0.0	0.8	0.4	0.4	0.8	0.6	12.0	10.0	6.0	6.0	9.0
7	0.0	0.0	0.4	0.4	0.8	0.9	0.4	0.9	0.6	17.0	14.0	7.0	11.0	10.0
8	0.4	0.0	1.1	0.6	0.4	0.5	0.6	0.6	0.2	5.0	6.0	2.0	1.0	6.0
9	0.4	1.4	3.3	1.1	0.6	1.5	0.6	1.1	0.7	3.0	2.0	1.0	1.0	2.0
10	1.7	4.6	8.2	1.1	0.4	1.6	0.6	1.8	0.9	3.0	2.0	2.0	1.0	3.0
11	2.4	3.3	6.7	2.5	0.6	1.2	1.2	1.4	0.7	3.0	1.0	2.0	1.0	3.0
12	5.0	3.1	7.0	4.6	1.1	4.3	2.6	2.7	3.2	3.0	1.0	2.0	1.0	2.0
13	4.4	2.9	5.3	4.8	1.8	2.7	1.6	0.6	15.4	6.0	3.0	2.0	3.0	4.0
14	3.6	1.4	4.3	3.8	1.1	10.2	1.1	2.2	13.5	4.0	2.0	2.0	2.0	4.0
15	1.5	2.4	9.1	5.2	1.5	2.6	2.6	4.1	9.7	5.0	2.0	2.0	1.0	3.0
16	0.3	3.4	8.3	0.9	13.9	2.6	1.3	2.5	0.7	1.0	1.0	1.0	1.0	3.0
17	0.3	0.9	7.0	1.1	4.4	2.5	2.4	4.0	0.4	3.0	1.0	1.0	1.0	3.0
18	0.1	0.1	1.1	1.1	0.8	0.8	0.6	2.1	0.0	5.0	1.0	1.0	1.0	4.0
19	0.1	0.0	1.0	0.9	0.6	0.6	0.6	1.8	1.1	5.0	6.0	2.0	2.0	5.0
20	0.4	0.0	0.5	0.4	0.0	0.2	0.8	1.6	0.0	3.0	3.0	2.0	3.0	6.0
21	0.9	1.2	0.3	1.2	0.3	0.5	0.6	1.0	0.5	11.0	2.0	2.0	2.0	8.0
22	2.0	6.4	3.2	2.9	0.0	0.7	0.9	0.7	1.4	10.0	2.0	1.0	4.0	7.0
23	0.0	1.6	6.7	0.5	0.4	2.3	2.2	0.8	0.0	4.0	2.0	1.0	1.0	4.0
24	0.7	4.7	14.7	0.5	0.9	5.1	2.0	0.8	0.1	3.0	1.0	2.0	1.0	3.0
25	2.1	5.8	19.4	4.0	0.1	9.4	2.0	2.7	0.4	2.0	1.0	2.0	1.0	3.0
26	6.1	9.8	22.7	6.7	0.5	4.3	3.0	2.8	2.6	2.0	1.0	2.0	1.0	4.0
27	9.2	9.2	11.8	16.5	0.6	8.6	3.6	5.9	4.4	3.0	1.0	2.0	5.0	4.0
28	0.2	1.3	7.7	7.8	0.6	4.2	4.3	3.5	2.5	-	5.0	4.0	9.0	7.0
29	4.6	0.8	2.6	6.4	0.1	4.3	5.0	4.6	0.6	15.0	12.0	6.0	14.0	7.0
30	6.6	0.9	1.8	3.8	0.2	1.8	2.1	1.5	0.9	12.0	8.0	5.0	3.0	10.0
31	7.8	1.6	5.5	0.8	1.0	2.7	0.5	1.2	0.7	4.0	12.0	10.0	1.0	3.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 74

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	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	S 08
1	-	-	-	-	-	-	-	-	-	-	14	38	-	-	-	10	3	-
2	-	-	-	2	-	-	6	-	-	-	-	-	-	27	-	5	40	38
3	-	-	-	-	-	-	-	24	-	-	69	-	-	-	61	7	3	-
4	-	-	-	3	-	-	0	35	82	74	44	97	-	-	-	1	2	-
5	-	-	-	-	-	-	-	-	-	-	18	82	-	-	15	1	1	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	59	12	-	44	-	-	-	-	-	-	-
9	-	15	33	20	-	16	-	64	38	-	39	42	39	-	-	4	-	-
10	34	11	-	-	21	23	14	19	17	9	12	6	5	101	-	-	3	-
11	-	12	-	-	-	21	2	27	2	1	40	67	30	58	-	14	-	-
12	5	41	9	-	16	11	7	36	15	33	31	22	47	31	-	31	15	-
13	8	8	14	4	5	-	1	-	-	-	-	-	11	8	14	16	5	-
14	3	14	28	6	15	8	1	-	-	-	-	-	41	-	-	4	3	18
15	13	-	-	5	-	-	5	-	-	-	-	-	-	16	1	2	2	16
16	1	-	-	11	-	4	2	27	-	17	72	50	27	45	8	-	-	-
17	-	-	-	3	-	0	0	-	-	-	-	9	-	-	-	1	6	-
18	1	-	-	6	-	-	-	31	-	7	-	-	-	-	-	-	2	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	79	-	-	4	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	6	-	4	2	-	-	-	-	-	-	-	-	4	-	-
23	3	-	-	21	-	11	9	-	-	-	-	-	-	-	-	3	3	-
24	-	-	-	-	-	1	0	-	-	-	-	-	-	-	-	1	-	-
25	-	-	-	73	-	28	0	-	-	-	-	-	-	-	-	-	-	-
26	33	45	7	185	92	226	161	126	67	-	12	-	-	-	-	-	19	-
27	99	10	78	-	-	27	12	-	-	21	16	167	26	78	-	15	139	-
28	8	-	-	-	-	2	-	-	-	-	-	-	-	-	33	4	12	31
29	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	22	6	-
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	40	27	17	-	-	-	-	-	-	-	-

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	2	7	1	-	-	10	-
2	-	-	-	36	-	17	-	-	-
3	18	-	-	-	-	5	7	-	1
4	-	5	5	-	2	-	51	-	-
5	1	-	6	52	-	7	-	-	3
6	6	5	5	23	2	3	-	-	-
7	-	9	4	46	17	4	178	8	-
8	-	3	-	18	3	6	71	22	48
9	-	-	-	17	-	7	7	14	0
10	-	7	10	30	-	1	4	9	9
11	-	-	26	20	22	1	8	16	8
12	40	14	28	-	-	1	4	4	3
13	18	-	-	25	-	-	4	-	-
14	-	-	28	21	16	3	-	43	18
15	-	7	2	9	4	11	-	3	5
16	110	3	1	-	-	1	4	2	1
17	5	-	-	-	7	5	13	3	0
18	-	2	1	-	-	-	6	18	-
19	2	-	3	22	10	-	-	-	-
20	3	-	2	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	0
22	10	-	-	-	-	-	-	-	20
23	-	-	-	2	7	-	-	14	1
24	-	-	16	34	8	-	-	-	12
25	-	-	-	1	3	-	7	8	-
26	-	-	-	-	-	-	3	13	1
27	-	-	-	-	-	-	-	-	-
28	-	-	-	-	21	14	-	-	-
29	17	19	38	14	53	-	-	-	-
30	-	-	-	11	-	-	12	-	-
31	-	-	-	-	-	-	3	-	13

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 74

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

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	-	-	-	-	-	-	-	-	-	-	-	*63	552	-	-	-	113	-119
2	-	-	-	-	17	-	-	196	-	-	-	-	-	-	270	-	122	-155
3	-	-	-	-	1	-	-	-	289	-	-	NEG	-	-	-	1091	198	-69
4	-	-	-	-	20	-	-	29	854	2041	1215	1457	1476	-	-	-	16	-132
5	-	-	-	-	-	-	-	-	-	-	-	179	1239	-	-	249	34	-104
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	*47	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	243	*112	*40	823	-	-	-	-	-	-
9	-	-	73	678	228	-	78	-	1620	1375	*59	495	-540	455	-	-	-257	-
10	-	448	150	-	-	395	97	185	516	343	*94	260	124	17	1013	-	-	40
11	-	-	181	-	-	-	544	62	1265	*62	*35	384	1344	420	759	-	281	-
12	709	-22	700	221	-	364	201	185	1278	756	1443	344	-303	771	410	-	616	160
13	-	-40	84	310	78	95	-	28	*56	*40	-	-	-	126	106	194	286	45
14	189	NFG	327	539	225	283	214	48	-	-	-	-	-	154	-	-	63	-40
15	-	-17	-	-	64	-	-	123	-	-	-	-	-	-	194	9	35	15
16	-	-11	-	-	270	-	65	32	48	*79	237	544	-655	176	410	128	-	-
17	-	-	-	-	176	-	8	10	-	-	-	*63	-98	-	-	-	16	-6
18	-5	NFG	-	-	NEG	-	-	-	177	-	258	-	-	-	-	-	-	-47
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	1132	-	-	126	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-154	-	80	29	-	-	-	-	-	-	-	-	62	-
23	80	40	-	-	490	-	241	137	-	-	-	-	-	-	-	-	58	-11
24	-	-	-	-	-	-	5	15	-	-	-	-	-	-	-	11	20	-
25	-	-	-	-	1398	-	533	28	-	-	-	-	-	-	-	-	-	-
26	477	425	366	5	4590	1356	3322	2798	538	1392	*36	*65	-	-	-	-	-	112
27	1424	1275	80	1235	-	-	377	354	-	-	498	*67	-323	164	683	-	235	1224
28	991	128	-	-	-	-	20	-	-	-	-	-	-	-	-	561	86	102
29	-	29	36	-	-	-	-	-	-	-	-	-	-	-	-	-	320	32
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	258	676	169	-	-	-	-	-	-	-

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	18	-	-	-	-	*130	NFG
2	353	-	-	-	494	-	446	-	NEG	-
3	-58	653	-	-	-	-	244	*28	-	NFG
4	-	-	-30	30	-	-	-	*919	-	-
5	-	-2	-	67	-	-	181	-	-	*65
6	23	128	-24	73	-580	-134	-	-	-	-
7	-	-	65	31	46	458	-27	*8671	NEG	-
8	-	-	NEG	-	129	42	173	*1601	NEG	*1836
9	-	-	-	-	279	-	60	*84	*516	*36
10	-	-	49	118	320	-	20	*63	*330	*736
11	-	-	-	576	-	500	-13	*219	NEG	*351
12	-	-931	361	337	-	-	-	*18	*136	*127
13	-	160	-	-	368	-	-	*80	-	-
14	33	-	-	519	429	581	38	*5	NEG	*562
15	17	-	-	-	157	81	156	*2	*42	NFG
16	-	-3750	-	-	-	-	-	*32	NEG	*102
17	-	68	-	-	-	-69	208	*200	NEG	NFG
18	-	-	-	-	-	-	-	*127	NEG	-
19	-	46	-	-	NEG	23	-	-	-	-
20	-	30	-	4	-	-	-	-	NEG	-
21	-	-	-	-	-	-	-	-	NEG	NFG
22	-	82	-	-	-	-	-	-	-	*174
23	-	-	-	-	-	86	-	-	NEG	*76
24	-	-	-	24	702	138	-	-	-	*271
25	-	-	-	-	-	-	-	*177	*110	-
26	-	-	-	-	-	-	-	*454	NEG	NFG
27	-	-	-	-	-	-	-	-	-	-
28	-140	-	-	-	-	-	164	-	-	-
29	-	86	-14	296	NFG	480	-	-	-	-
30	-	-	-	-	NEG	-	-	*219	-	-
31	-	-	-	-	-	-	-	*32	-	*348

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - SEPTEMBER 1974

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NO	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	A 02	ILLMITZ	PA	47 46 N	16 46 E	117
2	CH 1	JUNGERAUJOCK	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	OFSCHBERS	P	47 08 N	7 37 E	480
6	CH 5	EINSLEDFLM	P	47 08 N	8 45 E	910
7	CH 6	MASADINO	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	SCHAUMISLAND	PA	47 55 N	7 55 E	1205
11	D 04	DEUSELBACH	PA	49 46 N	7 04 E	480
12	D 05	BROTJACKLEIEGEL	PA	48 49 N	13 13 E	1016
13	DK 1	FARVERNE	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	GNIHEN	PA	56 00 N	11 17 E	3
17	DK 5	KELDSNOR	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 HARP	PA	44 25 N	0 54 W	48
21	F 03	LA CROUZILLE	PA	46 00 N	1 22 E	460
22	F 04	GRENORLE	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	RJHPJAHAD	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	SKREDALEN	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	TAGMYPA	P	61 25 N	12 04 E	536
37	N 18	LØKEN	P	59 48 N	11 27 E	150
38	N 19	RISLINGEN	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	LYNGAR	PA	58 38 N	9 08 E	20
42	N 24	FITJAR	P	59 55 N	5 19 E	20
43	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
44	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
45	N 27	VATNEGALEN	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	WITTEVEN	PA	52 49 N	6 40 E	17
49	NL 3	DEN MELDER	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	RAA	PA	57 23 N	11 55 E	4
53	S 03	SJØANGEN	PA	58 46 N	14 18 E	127
54	S 04	RYDA KLINGSGÅRD	PA	59 46 N	17 08 E	25
55	S 05	BREDKALEN	PA	63 51 N	15 20 E	404
56	S 07	RØRBACKSNAS	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	JOKIOINEN	PA	60 49 N	23 30 E	106
61	SF 3	PUUMALA	PA	61 34 N	28 04 E	122
62	SF 4	AHTARI	PA	62 33 N	24 13 E	162
63	SF 5	SODANKYLÄ	PA	67 22 N	26 39 E	180
64	UK 1	COTTREP	PA	51 56 N	0 05 W	125
65	UK 2	ESKDALEMJIR	PA	55 19 N	3 12 W	243
66	UK 7	STORNOWAY	A	58 13 N	6 20 W	4
67	UK 8	DEAN MOOR	A	54 36 N	3 28 W	200
68	UK 9	KIRKBY UNDERWOOD	A	52 51 N	0 26 W	80
69	UK 12	PITLOCHRY	P	56 43 N	3 46 W	95

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

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

DATE	A 02	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6
1	-	0.1	1.8	4.9	21.0	0.6	0.6	2.2	2.0	4.9	0.5	-	9.6	10.6	3.1	7.9	1.0	-
2	-	1.0	9.8	7.3	5.8	0.1	12.0	4.2	-	7.0	7.9	-	3.2	5.5	1.3	0.5	-	-
3	-	22.0	15.0	-	17.5	31.0	135.0	1.2	-	12.2	0.8	13.2	2.7	12.7	-	-	-	-
4	15.7	1.3	-	-	-	0.7	-	8.6	2.3	-	-	2.9	19.7	8.6	5.9	7.1	-	1.3
5	-	-	-	7.1	-	-	-	11.4	-	-	-	-	7.4	0.6	15.4	5.0	4.8	8.7
6	-	16.4	6.9	-	8.0	9.0	25.0	5.7	1.1	9.5	2.5	10.7	9.0	10.8	0.6	-	-	8.4
7	6.3	0.1	-	-	-	-	-	45.2	0.4	-	0.4	-	18.7	15.1	11.5	-	-	0.5
8	-	-	-	15.0	-	-	-	6.9	0.1	-	-	-	2.1	6.1	5.7	12.4	5.0	6.8
9	-	8.3	11.1	-	8.0	31.0	4.0	6.9	11.1	25.3	4.4	15.7	3.3	-	5.6	0.5	-	12.3
10	-	-	-	-	-	-	-	-	-	-	-	0.9	14.2	-	-	0.5	4.3	-
11	-	-	-	-	-	-	-	-	-	-	-	-	10.3	-	-	-	-	-
12	-	-	-	-	-	-	-	4.4	1.0	-	-	-	2.9	1.6	-	0.5	2.2	2.8
13	-	-	-	-	-	-	-	6.1	0.9	-	-	-	28.4	11.2	7.6	-	2.1	3.5
14	-	-	-	0.3	-	-	-	-	-	-	-	-	-	-	0.2	7.7	-	-
15	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	0.3	-	-	19.8	-	-	-	-	-	-	-
18	0.5	-	-	1.2	-	0.1	-	-	1.9	1.2	-	-	-	-	0.2	-	-	-
19	-	-	-	-	-	1.5	1.2	6.4	-	0.2	-	2.5	-	3.8	2.5	-	-	-
20	0.7	-	-	-	-	6.2	-	0.1	0.1	-	-	-	-	-	0.5	-	0.7	2.6
21	0.7	11.4	-	-	-	-	1.4	31.7	-	-	2.0	-	-	9.7	3.6	-	0.6	-
22	3.1	-	-	-	-	6.3	7.6	47.1	0.4	2.4	2.1	2.5	-	10.7	12.4	0.7	0.6	1.1
23	-	-	58.0	7.0	2.5	2.4	11.0	30.6	1.5	4.1	11.8	4.2	-	8.2	3.6	2.6	1.4	-
24	19.2	-	32.0	21.4	4.9	13.1	6.2	6.9	2.1	7.7	2.9	11.4	-	6.8	1.1	3.9	0.5	2.2
25	2.8	-	77.0	0.9	14.0	21.1	6.0	0.6	-	30.0	8.8	5.8	-	1.4	0.5	4.7	-	2.3
26	-	-	-	-	18.0	28.5	-	4.6	-	11.8	1.5	10.7	-	1.3	-	-	-	1.9
27	-	-	-	9.4	-	-	-	14.3	4.1	-	3.2	-	-	25.9	10.7	-	5.8	2.7
28	-	-	20.7	2.1	18.8	20.4	47.0	5.6	-	7.3	2.0	4.7	-	2.5	-	3.1	-	1.0
29	4.9	-	-	2.0	2.3	1.8	3.2	6.4	-	4.4	3.3	-	-	1.9	0.1	-	0.8	5.5
30	2.8	-	-	0.3	2.3	1.4	-	2.0	-	2.3	3.9	-	8.7	2.2	-	1.5	-	-

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

DATE	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16
1	-	-	9.0	-	1.2	4.0	4.1	11.5	19.6	2.6	19.1	16.4	9.7	16.0	13.2	-	-	-
2	7.8	17.4	10.5	5.2	-	25.6	3.5	37.4	41.2	18.5	28.2	25.3	27.2	8.8	26.9	-	-	0.9
3	4.7	6.8	6.0	41.4	-	8.4	0.3	22.0	14.2	49.4	4.1	6.7	57.0	10.9	13.1	0.8	-	2.5
4	-	-	-	-	35.0	-	2.5	36.3	26.7	64.6	7.2	29.7	45.8	26.3	28.3	4.3	-	0.8
5	5.1	-	10.7	-	25.0	12.0	-	18.8	9.4	2.0	3.8	11.6	21.4	17.7	4.1	1.8	6.0	6.0
6	1.3	7.5	-	-	6.0	2.5	-	9.2	3.5	6.2	9.7	11.2	18.7	9.7	4.8	2.7	1.4	3.7
7	3.5	-	-	-	-	2.0	-	46.2	54.1	54.9	44.2	32.7	45.2	29.3	46.0	-	1.0	23.1
8	6.5	-	-	-	-	-	1.7	1.7	14.0	0.4	2.7	15.4	45.5	14.1	0.3	10.2	5.0	10.9
9	12.6	-	-	8.0	-	-	0.8	0.3	1.9	0.8	2.7	-	7.0	2.3	-	5.2	9.6	-
10	-	-	-	0.2	-	-	-	-	1.0	-	0.4	-	3.7	2.4	-	2.5	0.1	-
11	-	-	-	0.2	7.0	-	4.9	-	-	-	-	-	4.0	1.3	-	49.5	0.9	2.1
12	-	-	-	0.2	12.5	-	5.9	-	-	-	-	-	-	-	-	0.5	3.9	-
13	0.1	-	-	0.4	-	-	4.2	6.2	14.5	5.7	14.3	25.3	10.3	0.3	2.4	4.0	-	-
14	0.2	50.8	-	19.6	-	-	9.5	-	0.6	15.0	0.3	-	2.4	1.0	0.2	3.6	3.3	5.1
15	10.6	-	-	0.2	19.0	-	4.4	-	13.2	1.5	31.7	8.6	8.1	0.7	10.9	1.7	-	-
16	0.3	5.2	10.7	0.6	-	-	1.8	21.5	2.0	3.0	9.8	-	23.9	12.9	5.4	39.6	3.3	24.5
17	-	8.2	7.2	2.8	-	-	0.6	1.0	3.5	0.6	4.6	1.3	25.8	22.0	1.8	26.7	10.7	6.7
18	-	-	-	1.0	-	-	-	-	-	-	2.2	0.3	7.6	11.1	-	18.5	19.7	-
19	-	-	13.5	-	-	-	10.3	6.5	9.6	1.8	8.3	4.5	15.0	16.6	5.3	10.4	25.0	-
20	-	-	-	0.2	-	-	2.1	2.8	5.2	2.7	2.5	1.3	14.6	16.6	3.7	0.3	2.3	-
21	-	4.0	2.3	0.4	0.4	-	-	15.7	12.7	11.0	1.5	7.3	18.7	27.1	7.4	4.8	4.7	5.7
22	1.0	-	-	46.0	2.0	-	-	4.5	12.4	9.1	3.9	7.5	17.1	12.1	3.8	2.0	10.9	5.1
23	18.0	8.0	19.0	35.0	7.0	6.0	-	24.8	25.1	12.0	19.4	26.3	22.3	22.3	17.5	3.5	5.5	1.2
24	16.0	10.0	-	22.0	-	7.8	-	33.1	63.7	33.6	16.3	45.7	13.3	0.3	41.9	4.5	0.1	8.9
25	4.5	-	9.5	-	-	13.4	-	5.9	1.0	22.6	12.4	5.9	6.6	59.2	3.2	3.6	3.5	7.0
26	17.0	-	-	-	-	-	-	0.2	-	-	1.5	-	6.7	15.4	1.1	11.7	-	2.7
27	3.0	15.4	30.2	-	22.0	3.4	-	18.8	10.5	16.6	4.8	7.3	1.2	0.2	21.5	-	0.1	7.3
28	5.8	21.6	-	-	6.4	1.2	-	29.4	10.2	15.0	2.1	6.4	14.2	6.2	17.3	2.3	5.8	17.6
29	4.6	22.0	-	-	8.0	4.6	-	0.2	5.5	2.6	3.3	11.8	7.3	0.8	6.4	-	-	6.8
30	-	8.0	-	-	3.0	6.0	4.7	-	0.7	-	3.2	1.8	0.8	5.4	0.2	1.1	12.7	2.1

LONG RANGE TRANSPORT OF AIR POLLUTANTS • FINAL DATA

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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	8.3	15.7	7.7	-	2.5	5.0	8.0	14.5	-	4.2	0.8	3.4	0.9	4.0	1.5	3.0	0.4	-
2	5.9	16.6	8.5	5.5	7.7	7.3	30.2	6.3	5.6	6.3	4.4	5.2	5.6	4.5	3.8	-	-	-
3	7.3	27.1	10.6	2.4	11.1	27.2	11.9	23.2	1.6	-	0.2	2.9	0.1	1.5	2.6	5.0	1.2	2.3
4	2.9	22.4	9.2	5.9	11.7	39.8	21.0	7.4	2.5	19.9	8.4	26.4	9.3	1.5	6.6	-	1.3	-
5	6.7	2.4	1.7	7.3	4.7	10.8	2.7	5.1	0.2	15.6	20.6	33.0	13.7	12.0	10.5	16.4	8.8	3.2
6	21.0	1.3	6.3	8.9	20.9	19.3	8.0	6.2	1.4	2.1	0.2	2.5	0.1	-	21.2	6.4	6.1	-
7	2.9	29.6	29.1	9.9	20.1	8.8	50.3	15.6	8.8	1.5	2.4	1.7	2.1	2.0	-	-	3.6	0.5
8	7.3	19.7	5.7	-	0.3	8.6	0.5	17.5	8.0	0.1	0.9	0.7	1.6	12.0	-	5.1	1.0	5.9
9	-	-	-	-	-	15.6	-	2.4	0.2	11.5	6.1	6.9	13.8	1.0	-	1.7	-	3.4
10	-	-	0.3	-	-	13.2	-	-	0.2	0.2	0.2	0.1	0.1	7.0	-	-	1.3	-
11	-	-	-	-	-	4.2	-	2.7	4.0	0.1	0.1	0.2	0.1	-	-	-	-	7.0
12	-	-	-	-	-	-	-	-	0.2	2.6	3.5	6.4	0.4	-	-	-	-	0.7
13	-	-	3.5	6.4	2.7	16.6	2.2	1.9	2.5	1.3	2.4	0.1	0.1	5.0	12.5	-	-	-
14	21.7	18.2	16.0	8.6	-	0.6	2.5	4.1	15.0	0.1	0.1	0.3	0.1	2.5	-	-	-	-
15	1.5	12.6	7.9	-	-	3.0	10.1	3.8	-	0.7	0.1	0.1	1.8	-	-	-	-	-
16	-	12.7	20.3	-	-	36.6	13.3	17.5	1.9	0.1	0.3	0.2	0.2	-	-	-	-	0.5
17	4.5	-	0.7	-	-	22.0	-	11.3	2.5	3.9	0.2	0.1	7.9	-	-	-	-	-
18	-	-	-	-	-	11.3	-	1.4	1.3	0.1	0.1	0.2	0.2	2.0	-	-	-	-
19	-	-	-	1.3	1.0	32.0	1.5	10.5	1.1	0.1	0.2	0.2	0.1	-	-	-	-	0.5
20	-	-	-	-	1.4	13.5	4.4	4.5	0.6	0.1	0.2	0.1	0.1	10.0	16.1	-	0.3	-
21	21.3	16.6	5.8	12.7	0.5	18.1	6.8	13.0	6.7	6.6	3.4	27.7	2.5	-	-	5.1	0.7	1.0
22	8.6	-	-	3.5	-	18.5	1.8	3.4	-	3.6	5.8	7.5	0.1	1.5	-	11.0	0.8	13.9
23	2.2	5.0	7.4	4.8	7.1	13.4	14.0	7.4	-	9.4	3.5	2.4	6.4	-	11.4	6.4	2.4	-
24	6.7	12.8	28.2	16.6	11.8	6.4	21.0	3.1	-	6.8	2.2	3.0	6.0	7.0	15.2	7.0	6.1	3.9
25	4.2	16.3	15.3	5.6	2.5	16.4	9.2	21.8	-	8.1	3.5	6.3	9.2	-	1.4	-	1.2	5.0
26	4.3	9.9	7.2	-	-	13.2	0.7	6.1	-	4.0	0.8	6.1	2.3	-	-	-	2.0	-
27	20.2	20.0	14.4	34.4	17.3	1.9	14.5	1.8	-	9.6	13.9	27.7	4.8	3.0	24.2	3.0	-	-
28	7.6	2.6	12.8	2.5	5.5	27.7	16.6	9.4	-	0.4	0.1	16.5	0.2	-	-	2.4	2.7	3.8
29	5.2	-	-	13.0	0.4	22.5	5.7	0.1	-	1.7	0.7	9.3	0.5	3.0	-	15.7	1.1	5.2
30	-	-	-	-	1.0	-	-	1.9	-	3.1	0.2	11.2	0.2	1.0	2.2	7.5	0.9	16.5

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	-	-	-	-	-	-	-	-	7.5	12.7	2.8
2	-	-	-	0.3	3.1	-	-	-	5.6	1.4	3.0
3	4.0	10.0	7.1	0.2	-	-	-	0.1	4.8	1.3	1.9
4	7.2	22.2	1.0	21.8	2.7	-	9.5	1.2	18.8	29.6	0.4
5	4.6	7.2	7.4	2.7	7.0	2.3	11.5	22.1	6.7	4.6	0.9
6	1.7	3.5	-	4.9	1.7	0.5	2.8	12.4	1.4	10.3	6.1
7	6.6	1.6	1.7	0.7	33.3	8.9	4.5	-	1.4	7.8	0.4
8	9.3	2.7	30.8	5.4	8.2	8.2	0.2	-	-	4.4	-
9	-	7.5	-	-	-	3.4	-	20.4	3.3	0.7	2.5
10	-	-	-	5.0	7.4	7.4	3.7	3.8	-	-	1.4
11	1.6	-	1.4	-	2.4	0.7	1.7	-	1.3	-	-
12	-	-	2.0	-	-	7.9	10.3	-	0.3	7.7	5.0
13	-	-	-	-	-	5.1	-	-	-	0.7	0.8
14	3.6	-	-	-	-	-	-	-	-	1.5	10.2
15	1.4	-	-	-	-	-	-	-	1.8	-	0.2
16	18.3	-	5.2	-	-	-	-	2.9	-	4.1	4.6
17	11.6	-	2.2	0.3	-	-	-	1.8	0.1	-	0.4
18	-	-	-	-	-	4.1	-	3.6	-	-	1.4
19	0.5	-	0.4	2.3	0.8	0.1	-	-	-	0.1	1.2
20	-	-	-	1.5	3.0	2.2	8.7	-	-	10.4	2.9
21	5.9	-	2.4	0.2	-	-	0.4	-	0.2	0.2	2.2
22	18.4	-	-	-	0.6	1.5	2.3	7.2	3.3	1.5	1.5
23	0.5	-	-	-	0.8	0.2	0.6	0.5	11.2	0.6	-
24	7.6	-	-	9.4	-	1.8	-	-	4.2	0.4	0.5
25	6.0	5.8	3.1	0.8	7.6	9.9	4.8	1.6	3.7	-	-
26	1.7	-	7.6	9.1	21.1	0.2	19.8	3.9	8.0	-	-
27	7.2	-	-	-	-	7.2	1.1	0.7	15.0	-	-
28	18.2	-	13.3	-	-	0.2	-	2.0	1.2	-	-
29	2.7	-	15.2	14.4	0.5	-	-	2.7	1.1	-	-
30	2.9	-	8.4	-	4.0	1.7	0.2	2.7	1.5	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

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OFFICIAL PRECIPITATION DATA (MM)

DATE	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 03	N 05	N 06	N 07
1	14.6	3.2	8.1	1.3	-	-	-	9.0	-	1.2	4.0	4.0	19.3	2.7	18.6	22.4
2	7.1	1.7	0.4	-	0.4	7.8	17.4	10.5	5.2	-	25.6	4.3	41.0	18.5	28.1	24.4
3	13.6	-	-	-	9.0	4.7	6.8	6.0	41.4	-	8.4	0.2	14.0	45.5	4.9	7.5
4	7.7	6.1	5.4	-	2.7	-	-	-	-	35.0	-	2.7	27.0	65.5	8.9	29.6
5	5.4	15.0	4.5	8.6	1.8	5.1	-	10.7	-	25.0	12.0	0.2	9.5	2.2	4.0	12.4
6	5.5	1.1	1.6	0.4	5.8	1.3	7.5	-	-	6.0	2.5	-	4.0	6.5	9.9	11.8
7	17.1	12.4	4.1	1.0	0.3	3.5	-	-	-	-	2.0	-	53.5	54.2	47.4	33.5
8	9.3	5.4	7.0	2.6	0.5	6.5	-	-	-	-	-	2.1	14.1	0.4	2.7	16.5
9	0.7	5.5	0.5	4.5	12.9	12.6	-	-	9.0	-	-	1.2	2.5	0.7	3.4	-
10	-	0.1	-	0.6	-	-	-	-	0.2	-	-	-	1.2	-	0.7	-
11	-	0.1	-	-	-	-	-	-	0.2	7.0	-	5.5	-	-	-	-
12	-	-	1.0	2.0	4.2	-	-	-	0.2	12.5	-	6.5	-	-	-	-
13	11.8	7.5	-	1.0	3.0	0.1	-	-	0.4	-	-	6.4	15.0	5.7	13.6	24.0
14	-	0.2	7.8	-	-	0.2	50.8	-	19.6	-	-	13.0	1.0	14.5	0.5	0.9
15	-	-	-	-	-	10.6	-	-	0.2	19.0	-	3.0	13.0	1.5	29.5	8.6
16	-	-	-	-	-	0.3	5.2	10.7	0.6	-	-	2.3	2.5	3.3	1.1	-
17	5.2	0.1	-	0.2	-	-	8.2	7.2	2.8	-	-	0.7	3.7	0.7	4.7	1.9
18	-	0.2	-	-	-	-	-	-	1.0	-	-	0.2	-	-	2.6	0.5
19	4.0	2.7	0.2	-	-	-	-	13.5	-	-	-	10.0	9.2	2.1	8.4	5.0
20	-	0.5	-	0.2	3.2	-	-	-	0.2	-	-	3.0	5.5	2.9	2.6	1.9
21	10.2	3.7	2.3	0.2	-	-	4.0	2.3	0.4	0.4	-	-	12.5	11.4	1.0	7.8
22	9.0	12.6	1.0	1.3	1.2	1.0	-	-	46.0	2.0	-	-	12.0	9.0	4.1	8.6
23	11.4	3.7	0.9	1.4	-	18.0	8.0	19.0	35.0	7.0	6.0	-	26.0	11.9	18.1	25.8
24	5.8	1.4	3.7	0.5	2.3	16.0	10.0	-	22.0	-	7.8	-	62.0	32.6	18.5	44.9
25	1.6	0.5	5.0	0.1	3.9	4.5	-	9.5	-	-	13.4	-	1.2	23.0	12.9	6.4
26	2.8	-	-	-	2.2	17.0	-	-	-	-	-	-	-	0.4	1.5	-
27	31.3	11.3	-	3.1	3.1	3.0	15.4	30.2	-	22.0	3.4	-	10.5	15.5	5.1	7.0
28	2.2	-	2.6	-	0.1	5.8	21.6	-	-	6.4	1.2	-	10.0	14.1	2.3	7.4
29	1.7	0.1	-	0.7	5.8	4.6	22.0	-	-	8.0	4.6	0.1	1.6	3.5	3.6	11.9
30	2.0	-	0.4	-	-	-	8.0	-	-	3.0	6.0	5.7	0.7	-	3.2	2.7

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 08	N 09	N 10	N 14	N 15	N 16	N 20	N 23	N 24	N 28	NL 1	NL 2	NL 3	NL 4	S 03	S 07
1	9.4	17.9	13.4	-	-	-	7.7	1.3	5.5	-	4.4	0.8	3.6	-	3.0	-
2	27.8	10.5	27.5	-	-	1.0	9.2	5.0	8.5	6.4	6.1	4.6	5.1	6.3	-	-
3	56.1	23.5	13.4	1.0	-	3.1	9.8	18.6	28.0	2.0	-	-	3.0	0.1	5.0	4.0
4	45.6	42.0	28.6	5.3	-	1.0	10.0	11.5	40.1	4.0	20.3	9.1	26.4	11.9	-	7.2
5	23.0	23.6	4.5	2.7	5.6	6.5	2.2	5.5	12.0	0.3	16.5	21.1	33.0	15.1	16.4	4.6
6	18.4	14.2	5.0	3.5	2.5	4.0	5.1	20.4	10.8	1.6	2.1	0.1	2.8	-	6.4	1.7
7	43.9	38.2	45.5	-	1.5	23.9	27.2	21.8	9.4	8.8	1.5	2.5	1.7	2.6	-	6.6
8	44.1	16.9	0.5	11.2	5.5	11.0	7.4	0.8	8.9	8.0	-	0.8	2.7	1.6	5.1	9.3
9	7.1	2.9	-	5.9	10.5	-	-	-	13.5	0.1	0.7	6.1	4.5	13.6	1.7	-
10	4.0	3.0	-	3.5	0.3	-	0.5	-	10.5	0.1	-	-	-	0.1	-	-
11	4.3	2.4	-	49.7	1.2	2.5	-	-	9.1	4.6	-	-	-	-	-	1.6
12	-	-	-	0.8	4.6	-	-	-	-	0.1	2.4	4.3	5.8	0.3	-	-
13	10.9	0.8	2.5	5.1	-	-	3.0	1.7	17.0	2.9	1.2	2.3	-	-	-	-
14	3.0	1.7	0.3	4.4	3.4	5.5	17.0	-	1.5	15.7	-	0.1	-	-	-	3.6
15	7.7	1.5	11.0	2.3	0.1	-	7.0	-	4.6	0.3	0.7	-	0.1	3.3	-	1.4
16	24.0	18.3	5.8	41.3	4.5	25.7	21.2	-	36.2	2.2	0.1	0.1	-	0.4	-	18.3
17	26.4	28.8	2.1	28.1	11.3	7.0	0.9	-	15.0	3.0	4.3	-	-	7.9	-	11.6
18	8.0	10.6	-	19.3	28.7	-	-	-	10.0	2.3	-	-	-	0.2	-	-
19	14.9	17.6	4.9	10.8	30.4	-	-	1.2	27.5	1.1	-	-	-	-	-	0.5
20	14.6	23.0	3.6	0.6	3.6	-	-	1.5	14.5	0.7	-	-	-	-	-	-
21	18.6	36.1	7.6	5.2	5.3	5.8	6.1	0.4	18.9	7.5	6.6	3.4	27.7	2.6	5.1	5.9
22	17.0	14.7	3.9	2.3	11.2	5.1	-	-	18.6	0.9	4.0	5.4	8.2	-	11.0	18.4
23	22.2	23.5	14.0	3.9	7.0	1.2	7.4	5.8	14.7	3.0	10.9	3.7	1.7	7.5	6.4	0.5
24	13.3	1.4	41.0	5.1	0.3	9.1	27.5	12.3	7.4	1.5	7.6	2.1	4.1	6.4	7.0	7.6
25	6.0	59.5	3.5	4.2	4.7	6.9	15.4	2.2	25.5	2.5	8.2	3.6	6.3	10.0	-	6.0
26	7.0	15.0	1.4	13.7	-	2.9	7.4	-	14.5	6.5	4.7	-	5.5	2.9	-	1.7
27	1.3	0.3	21.5	0.2	0.2	7.4	13.0	12.0	2.0	1.5	9.4	14.9	27.7	5.6	3.0	7.2
28	14.6	15.5	17.3	2.7	6.5	7.7	13.7	2.2	29.0	2.0	0.6	0.1	18.4	0.3	2.4	18.2
29	7.7	1.4	6.8	0.1	-	7.5	-	0.5	22.6	-	1.9	0.5	9.6	0.5	15.7	2.7
30	1.3	5.5	0.3	1.3	15.4	2.4	-	1.0	-	1.5	3.3	-	11.6	0.4	7.5	2.9

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	S	OR	SF 1	SF 2	SF 3	SF 4	SF 5	UK 2
1	-	-	-	-	-	-	-	-
2	-	0.6	3.0	-	-	-	-	-
3	10.0	0.2	-	0.2	-	0.6	4.4	-
4	22.2	21.0	2.7	-	9.3	1.5	33.0	-
5	7.2	3.0	7.4	3.0	12.1	19.9	9.7	-
6	3.5	4.7	2.0	1.0	3.3	13.8	13.0	-
7	1.6	1.0	31.9	9.0	4.8	0.3	13.3	-
8	2.7	6.0	7.9	8.0	0.5	0.3	5.2	-
9	7.5	-	-	3.3	-	19.9	1.0	-
10	-	5.5	7.2	10.3	4.0	4.1	-	-
11	-	-	2.3	1.0	1.8	-	0.1	-
12	-	-	0.2	14.9	10.3	-	18.8	-
13	-	-	-	4.8	-	0.1	2.4	-
14	-	-	-	-	-	-	4.4	-
15	-	-	-	-	-	0.1	0.5	-
16	-	-	-	-	-	2.5	10.6	-
17	-	0.3	-	-	-	2.5	-	-
18	-	-	-	4.3	0.4	4.0	-	-
19	-	2.2	1.0	0.2	-	-	1.3	-
20	-	1.6	2.9	2.0	8.1	0.3	17.0	-
21	-	0.4	-	0.1	0.9	0.1	1.3	-
22	-	-	1.1	1.8	2.7	7.2	6.2	-
23	-	-	0.9	0.2	1.2	0.9	5.3	-
24	-	9.7	-	1.8	0.1	0.1	6.5	-
25	5.8	1.0	7.3	9.6	51.0	1.7	-	-
26	-	8.7	20.2	0.5	19.3	4.1	-	-
27	-	-	-	7.2	1.5	1.1	-	-
28	-	-	-	0.2	-	2.3	-	-
29	-	14.4	0.7	-	0.1	3.0	-	-
30	-	-	4.4	1.8	0.5	1.0	-	-

CONCENTRATION OF SODIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	IC 1	NL 1	NL 2	NL 3	NL 4	S 02	S 0A
1	3.3	5.0	2.0	1.2	5.0	-	1.5	0.6	0.8	13.1	0.8	6.0	-
2	2.1	3.0	3.0	4.8	-	-	0.6	0.3	0.3	0.8	0.2	1.1	-
3	1.3	7.0	-	-	-	-	71.0	-	-	34.6	-	8.0	0.5
4	0.6	7.0	2.3	3.8	-	3.0	0.6	0.3	0.3	5.2	0.4	8.0	0.4
5	0.3	8.2	0.4	3.6	5.0	0.3	-	0.1	0.1	6.7	0.2	3.3	1.5
6	0.9	5.5	6.4	-	-	1.4	-	1.8	-	21.7	-	24.2	1.1
7	0.5	13.0	4.5	-	-	13.0	-	1.5	0.8	11.0	1.3	24.2	1.8
8	1.3	18.4	10.4	15.0	12.6	3.8	0.6	-	3.7	-	4.7	24.2	12.5
9	3.4	-	5.2	21.0	-	58.0	0.6	1.1	0.4	31.0	0.4	-	1.2
10	3.1	-	-	11.8	5.3	-	-	-	-	-	-	-	-
11	6.8	-	-	-	-	-	0.9	-	-	-	-	-	-
12	9.5	33.6	-	14.4	1.8	3.8	0.7	0.5	0.4	0.8	-	-	-
13	1.3	1.6	0.4	-	1.6	0.9	0.7	0.5	0.3	-	-	6.4	-
14	-	-	-	0.5	-	-	2.2	-	-	-	-	6.4	-
15	-	-	-	-	-	-	0.9	3.8	-	-	0.3	6.4	-
16	-	-	-	-	-	-	0.7	-	-	-	-	-	-
17	-	5.3	-	1.2	5.0	-	5.8	0.6	-	-	0.2	-	-
18	-	-	13.4	-	-	-	-	-	-	-	-	-	-
19	-	14.2	4.8	-	-	-	0.4	-	-	-	-	-	-
20	-	-	3.3	-	6.6	2.5	1.1	-	-	-	-	16.3	-
21	-	5.6	1.6	-	15.2	-	-	0.9	0.8	1.7	0.2	16.3	-
22	-	7.2	2.3	9.6	11.0	2.2	-	1.3	2.3	6.7	-	16.3	-
23	-	1.7	2.2	9.2	28.4	-	-	0.5	0.6	2.3	0.5	6.0	-
24	-	5.1	7.6	1.6	28.4	2.8	-	6.9	4.0	42.2	3.9	7.5	-
25	-	11.9	3.4	13.2	-	2.1	-	0.4	0.9	2.3	0.4	27.6	3.2
26	-	11.3	-	-	-	0.8	-	1.2	4.2	4.5	1.3	-	-
27	-	1.5	0.8	-	26.6	1.6	-	0.2	0.2	3.7	0.1	6.6	-
28	-	6.8	-	5.2	-	1.9	-	-	-	4.9	-	6.6	-
29	-	2.0	8.4	-	25.2	0.8	-	1.6	-	2.3	-	6.6	-
30	2.6	4.2	-	14.6	-	-	0.4	1.5	-	2.6	-	9.0	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

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 18	N 19	N 20	N 22	N 23	N 24	N 25
1	0.10	0.05	0.40	0.23	0.10	0.05	0.11	0.11	-	-	-	0.05	0.02	0.06	-	2.31	0.12	-
2	0.13	0.15	0.12	0.27	0.21	0.07	0.10	0.07	-	-	0.20	0.03	0.04	0.02	0.39	3.95	0.11	-
3	0.37	0.52	0.22	5.03	0.99	0.30	0.58	0.44	0.18	-	0.11	0.22	0.24	0.04	1.71	5.93	0.28	-
4	0.20	0.20	0.14	1.20	0.31	0.13	0.24	0.06	0.05	-	0.27	0.27	0.05	0.06	0.95	7.79	0.16	-
5	0.20	0.18	0.11	3.20	0.41	0.17	0.39	0.17	0.03	0.01	0.10	0.12	0.10	0.02	0.78	4.75	0.35	-
6	0.15	0.36	0.07	1.65	0.49	0.25	0.55	0.11	0.02	0.02	0.05	0.09	0.14	0.05	0.73	1.18	0.20	-
7	0.32	0.24	0.23	0.71	0.58	0.03	0.14	0.11	-	0.06	0.02	0.11	0.06	0.06	1.26	6.52	0.05	-
8	0.35	0.43	0.06	6.60	0.64	0.17	0.53	-	0.05	0.02	0.03	0.11	0.06	0.04	-	52.00	0.70	-
9	-	0.24	0.22	2.00	-	0.18	0.14	-	0.04	0.01	-	-	-	-	-	-	0.29	-
10	-	0.37	-	1.55	-	0.16	0.35	-	0.03	0.31	-	-	-	0.15	-	-	0.20	0.25
11	-	-	-	-	-	0.25	0.43	-	0.03	0.08	0.04	-	-	-	-	-	0.40	-
12	-	-	-	-	-	-	-	-	-	0.05	-	-	-	-	-	-	-	-
13	0.14	0.05	0.12	0.14	0.06	0.03	0.45	0.15	0.04	-	-	-	-	0.07	0.36	10.40	0.02	-
14	-	0.09	0.02	0.96	-	0.04	0.52	0.24	0.01	0.02	0.05	0.02	0.02	0.01	0.37	-	0.24	-
15	-	0.16	0.20	0.15	0.07	0.04	0.24	0.07	0.05	-	-	0.12	0.10	0.02	-	-	0.12	-
16	0.06	0.44	0.14	0.78	-	0.03	0.09	0.12	0.01	0.01	0.03	-	0.05	0.02	-	-	0.09	-
17	0.18	0.26	0.24	1.57	0.36	0.08	0.23	0.12	0.05	0.01	0.04	0.18	-	0.04	-	-	0.33	-
18	-	-	-	2.73	0.61	0.25	0.49	-	0.21	0.12	-	-	-	-	-	-	0.80	-
19	0.25	0.34	0.10	1.51	0.71	0.11	0.36	0.13	0.05	0.02	-	-	-	-	7.28	20.40	0.37	0.08
20	0.23	0.21	0.04	1.34	0.48	0.06	0.23	0.08	0.20	0.48	-	-	-	-	-	12.00	0.12	0.25
21	0.40	0.27	0.16	6.99	0.51	0.10	0.20	0.17	0.02	0.02	0.07	0.15	0.09	0.02	0.90	30.00	0.27	-
22	0.25	0.26	0.07	3.69	0.52	0.24	0.54	0.12	0.02	0.02	0.03	0.05	-	-	0.45	-	0.50	0.12
23	0.14	0.16	0.23	0.59	0.27	0.03	0.06	0.07	0.02	0.07	0.05	0.18	0.07	0.10	0.71	4.10	0.15	-
24	0.08	0.05	0.10	0.30	0.09	0.02	0.08	0.02	0.03	0.09	0.04	0.04	0.03	0.03	0.39	2.60	0.03	-
25	0.03	0.07	0.03	0.77	0.23	0.02	0.15	0.02	0.02	0.02	0.05	0.17	0.09	0.01	0.96	2.34	0.16	0.09
26	-	-	-	0.95	-	0.03	0.14	0.01	0.01	-	0.05	0.02	0.03	0.02	-	-	0.21	0.32
27	0.12	0.09	0.11	0.36	0.32	0.66	0.19	0.02	-	0.03	0.05	0.05	0.06	0.03	0.53	9.50	-	0.48
28	0.38	0.57	0.28	3.32	1.17	0.65	1.28	0.21	0.02	0.01	0.03	0.20	0.50	0.03	2.90	13.04	0.41	0.59
29	-	0.18	0.43	4.20	0.21	0.65	0.29	0.20	-	-	0.04	0.20	-	-	0.20	31.12	0.12	0.16
30	-	0.41	-	0.50	0.57	0.13	0.22	0.33	0.07	0.02	0.03	-	-	-	-	6.30	-	-

CONCENTRATION OF MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 26	N 27	N 28	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	0.14	0.04	-	-	-	-	-	-	0.04	0.02	0.03
2	0.06	0.05	0.05	0.42	0.14	-	-	-	0.11	0.10	0.06
3	0.16	0.07	0.04	0.44	-	-	-	-	0.18	0.05	0.04
4	0.09	0.07	0.02	0.05	0.28	-	0.10	0.03	0.06	0.03	0.08
5	0.28	0.08	-	0.14	0.12	0.26	0.03	0.03	0.01	0.03	0.02
6	0.09	0.07	0.03	0.03	0.12	0.26	0.03	0.03	0.44	0.05	0.04
7	0.09	0.03	0.02	0.14	0.05	0.12	0.03	-	0.76	0.05	0.07
8	0.09	0.06	0.02	0.10	0.05	0.05	0.28	-	-	0.06	-
9	-	0.04	0.02	-	-	0.10	-	0.05	0.29	0.09	0.02
10	-	-	-	0.10	0.08	0.05	0.10	0.03	-	-	0.13
11	-	0.08	0.02	-	0.08	0.19	0.08	-	0.14	-	-
12	-	-	-	-	0.71	0.19	0.03	-	-	0.05	0.08
13	0.06	0.07	0.02	-	-	0.05	-	-	-	0.08	0.11
14	0.01	0.03	0.01	-	-	-	-	-	-	0.14	0.06
15	0.06	0.02	-	-	-	-	-	-	0.08	-	0.17
16	0.06	0.03	0.04	-	-	-	-	0.08	-	0.05	0.02
17	-	0.03	0.04	-	-	-	-	0.03	0.40	-	0.76
18	-	0.11	0.23	-	-	0.17	-	0.05	-	-	0.09
19	0.39	0.02	0.04	0.38	0.10	-	-	-	-	1.90	0.66
20	0.03	0.03	0.02	0.05	0.19	0.17	0.03	-	-	0.18	0.06
21	0.11	0.02	0.02	-	-	-	0.59	-	0.16	0.49	0.27
22	0.23	0.06	0.01	-	0.31	0.38	0.12	0.05	0.12	0.44	0.21
23	0.07	0.02	0.01	-	0.19	0.43	0.12	0.30	0.11	0.06	-
24	0.04	0.03	0.01	0.10	-	0.05	-	-	0.04	0.18	0.09
25	0.02	0.01	0.01	-	0.03	0.05	0.05	0.07	0.04	-	-
26	0.04	0.01	0.01	0.03	0.05	0.24	0.05	0.05	0.04	-	-
27	0.03	0.03	0.01	-	-	0.12	0.02	0.14	0.01	-	-
28	0.17	0.20	0.01	-	-	0.12	-	0.02	0.18	-	-
29	0.20	0.45	-	0.64	0.36	-	-	0.07	0.09	-	-
30	-	0.06	0.10	-	0.07	0.12	0.14	0.05	0.12	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

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

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC 1
1	1.3	1.9	1.6	2.1	3.6	4.6	27.6	6.6	2.1	-	-	-	-	3.3	-	2.6	9.0	3.1
2	3.0	1.5	1.6	2.4	4.2	7.0	13.8	-	3.9	3.3	-	1.2	3.9	3.3	4.1	-	4.7	7.8
3	3.3	1.0	-	2.2	1.0	4.9	24.9	-	1.5	6.9	4.5	2.9	6.3	3.6	-	-	3.9	0.0
4	0.7	-	-	-	3.1	-	20.4	5.7	-	-	3.9	4.9	-	-	-	3.9	-	2.4
5	-	-	1.2	-	-	-	13.5	-	-	-	-	2.9	-	4.2	-	4.1	2.1	-
6	3.6	1.8	-	2.1	2.7	4.6	15.9	6.0	1.5	1.2	4.2	3.3	3.8	-	-	4.1	3.3	-
7	0.0	-	-	-	-	-	16.2	3.9	-	-	-	4.8	-	-	-	-	1.2	-
8	-	-	0.9	-	-	-	27.3	16.5	-	-	-	3.0	-	-	-	-	-	0.7
9	1.5	0.9	-	1.0	0.9	5.5	13.5	5.4	1.5	2.7	3.0	0.0	-	-	7.5	-	-	0.7
10	-	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	2.4
12	-	-	-	-	-	-	14.4	12.0	-	-	-	-	-	-	-	-	-	1.3
13	-	-	-	-	-	-	5.7	10.5	-	-	-	-	-	-	-	-	-	0.7
14	-	-	11.7	-	-	-	-	-	-	-	-	-	-	3.2	-	-	-	0.3
15	-	9.6	-	-	-	-	-	-	-	-	-	1.7	-	-	-	3.3	-	0.3
16	-	-	-	-	-	10.8	-	-	-	-	-	11.1	5.6	2.1	8.4	-	-	0.4
17	-	-	-	-	-	-	45.0	-	-	6.9	-	-	3.3	7.2	-	-	-	3.3
18	-	-	12.3	-	5.2	-	-	15.0	20.7	-	-	-	-	-	-	-	-	-
19	-	-	-	-	17.1	14.2	23.4	-	-	-	10.2	-	-	0.8	-	-	-	0.1
20	-	-	-	-	11.5	-	-	24.3	-	-	-	-	-	-	4.2	-	-	0.0
21	0.9	-	-	-	-	9.9	5.7	-	-	3.3	-	-	8.4	3.3	-	-	-	-
22	-	-	-	-	4.6	4.9	6.0	11.7	10.2	5.7	8.4	5.1	-	-	-	10.7	-	-
23	-	3.7	2.4	9.1	3.9	7.2	3.9	4.8	2.4	4.5	4.8	0.0	3.6	3.6	-	7.8	8.1	-
24	-	2.2	1.2	3.0	2.5	5.1	18.6	5.4	3.0	3.9	2.4	3.0	0.9	-	4.1	-	3.2	-
25	-	1.0	6.6	1.8	1.2	4.9	28.2	-	1.5	2.4	2.7	1.2	-	3.8	1.8	-	0.9	-
26	-	-	-	4.0	3.3	-	10.2	-	3.3	5.1	4.5	-	-	-	-	-	-	-
27	-	-	1.2	-	-	-	5.4	3.6	-	3.0	-	4.2	2.6	3.3	-	6.2	1.5	-
28	-	1.2	3.1	1.4	1.4	2.1	14.7	-	1.5	2.4	2.4	3.3	3.3	-	0.8	4.7	0.8	-
29	-	-	5.8	3.6	3.1	2.4	8.1	-	2.4	2.4	-	1.5	2.1	-	-	4.1	1.2	-
30	-	-	9.1	2.0	3.7	-	9.6	-	3.6	3.9	-	-	3.3	-	-	6.3	3.5	4.2

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

DATE	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 18
1	4.1	2.4	14.8	6.0	2.8	2.7	2.3	5.9	-	-	-	5.7
2	3.9	2.8	3.6	2.6	3.3	1.5	1.7	3.8	-	-	11.0	4.9
3	1.9	2.2	3.0	3.6	2.1	2.1	3.0	3.1	3.8	-	6.1	4.2
4	2.0	1.5	0.2	1.5	1.6	2.1	2.2	2.0	0.5	-	7.1	4.1
5	1.5	0.8	0.8	3.4	1.8	1.4	1.3	1.9	0.5	1.5	2.3	2.0
6	1.5	2.2	1.2	2.4	2.0	2.6	2.2	1.6	0.4	0.3	1.7	1.8
7	1.9	1.3	1.2	0.8	1.6	0.1	0.3	1.4	-	1.7	1.5	2.3
8	1.5	0.5	0.0	3.0	1.4	0.0	0.8	-	1.7	1.6	1.6	2.3
9	-	0.0	0.1	3.6	-	2.6	1.4	-	0.2	1.0	-	-
10	-	3.3	-	3.7	-	2.7	3.2	-	0.1	-	-	-
11	-	-	-	-	-	4.0	4.4	-	0.1	0.9	2.2	-
12	-	-	-	-	-	-	-	-	-	0.8	-	-
13	8.6	5.1	8.9	4.2	6.0	6.1	7.2	10.9	0.1	-	-	-
14	-	6.7	3.7	7.6	-	3.4	-	4.0	1.0	2.4	5.3	3.4
15	-	10.8	10.2	5.2	9.3	6.5	11.3	11.6	4.7	-	-	4.8
16	6.8	20.1	8.6	9.6	-	6.7	7.9	16.2	2.4	2.1	4.4	-
17	7.4	6.7	17.8	3.8	5.8	2.8	2.2	10.1	0.2	0.6	3.5	16.1
18	-	-	-	1.1	3.2	0.7	0.8	-	0.0	0.2	-	-
19	1.6	1.8	2.9	0.9	1.1	0.8	1.2	1.8	0.2	0.4	-	-
20	2.4	2.3	1.4	1.9	1.7	1.2	1.8	1.8	-	0.8	-	-
21	0.7	2.7	2.8	4.3	2.4	1.7	1.4	2.8	0.3	0.7	2.3	4.0
22	1.6	1.3	0.0	0.4	0.9	0.2	0.5	1.1	0.3	1.6	0.5	2.0
23	1.8	1.8	2.4	1.3	0.0	0.5	1.5	1.8	0.3	0.8	1.1	3.5
24	2.2	1.4	2.0	1.8	1.0	0.1	2.1	1.8	0.1	-	3.5	2.9
25	0.1	0.6	1.4	0.3	0.0	0.1	0.6	1.8	0.7	3.1	3.8	1.7
26	-	-	-	0.6	-	0.1	0.2	1.3	0.3	-	1.7	1.2
27	1.5	2.1	2.2	2.4	1.9	1.2	2.9	1.6	-	2.6	1.5	1.4
28	1.2	1.7	2.1	1.6	2.1	1.3	1.1	1.5	0.1	1.6	1.1	2.6
29	-	2.2	3.5	1.6	2.0	1.3	1.9	3.5	-	-	0.8	1.8
30	-	1.1	-	1.1	0.8	0.0	0.4	4.1	1.2	0.3	1.1	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 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	3.9	4.5	-	8.7	3.2	-	8.0	4.1	-	6.3	4.6	4.8	2.8	4.7	13.2	11.0	4.5	-
2	3.8	2.8	6.2	0.0	3.2	-	2.9	2.0	3.0	5.2	2.2	3.1	3.1	6.0	3.5	-	-	-
3	2.6	3.5	1.5	4.1	2.6	-	2.8	2.0	4.7	-	-	5.5	-	1.6	5.5	6.2	5.8	3.6
4	1.5	2.1	2.1	1.8	2.8	-	2.4	3.2	1.3	4.1	2.9	2.6	4.0	5.3	3.7	-	3.0	-
5	2.9	0.3	1.5	2.1	1.8	-	1.4	1.5	-	3.3	1.7	1.9	4.0	2.7	1.3	1.8	1.7	1.8
6	1.4	1.7	1.6	2.8	0.8	-	1.0	1.8	1.4	6.8	-	4.3	-	-	2.6	2.2	1.7	-
7	2.7	2.3	2.5	3.2	0.6	-	1.0	0.7	1.3	5.7	4.6	5.1	5.6	4.7	2.6	-	5.5	-
8	1.8	1.4	-	0.0	0.6	-	1.3	0.5	1.3	-	2.5	-	16.9	5.2	2.6	1.6	2.5	3.0
9	-	-	-	-	0.6	-	-	0.4	1.3	3.0	1.8	2.9	3.6	3.2	-	5.4	-	0.8
10	-	3.3	-	-	1.4	-	-	-	1.2	-	-	-	-	1.8	-	-	2.1	-
11	-	-	-	-	2.2	-	-	3.9	0.4	-	-	-	-	-	-	-	-	0.7
12	-	-	-	-	-	-	-	-	0.6	7.2	2.3	4.0	-	-	-	-	-	-
13	-	7.8	4.8	14.3	2.5	-	4.5	8.4	3.0	7.3	5.9	-	-	5.8	5.4	-	-	-
14	3.7	2.8	4.9	-	4.0	-	4.9	3.1	2.4	-	-	-	-	9.4	5.4	-	-	-
15	11.0	4.3	-	-	9.6	-	9.9	5.2	-	20.5	-	-	8.3	-	5.4	-	-	-
16	2.9	4.3	-	-	3.1	-	9.9	5.3	5.8	-	-	-	-	-	-	-	-	5.4
17	-	5.8	-	-	0.5	-	-	1.1	1.6	7.6	-	-	5.9	-	-	-	-	-
18	-	-	-	-	0.1	-	-	0.5	1.3	-	-	-	-	5.7	-	-	-	-
19	-	-	7.0	43.0	0.6	0.9	15.2	0.4	0.5	-	-	-	-	-	-	-	-	2.3
20	-	-	-	11.9	1.2	2.3	2.2	0.4	0.7	-	-	-	-	4.6	7.9	-	-	-
21	2.7	0.7	2.0	49.1	1.1	-	3.1	0.9	1.3	6.3	3.9	2.8	4.1	-	7.9	8.0	11.0	3.0
22	-	-	1.0	-	0.0	1.8	1.6	0.3	1.2	4.9	3.5	2.5	-	16.9	7.9	5.3	12.1	1.2
23	2.9	2.0	2.6	5.0	0.4	-	1.4	0.6	1.2	4.0	4.8	5.4	4.6	-	3.9	2.3	3.7	-
24	3.5	2.5	3.2	4.3	0.8	-	1.7	2.8	1.2	3.2	2.8	3.1	3.9	7.3	0.5	6.6	5.3	3.9
25	2.1	2.1	1.1	2.2	0.6	1.0	0.6	0.3	1.2	3.2	4.0	2.9	3.5	-	5.7	-	6.6	2.4
26	1.1	1.2	-	-	0.3	5.2	0.4	0.3	1.2	4.1	1.3	2.5	7.1	-	-	-	2.9	-
27	2.3	1.3	2.2	0.9	-	6.0	1.1	1.1	1.2	3.0	2.5	1.7	3.7	8.1	3.6	9.7	-	-
28	2.7	1.3	3.7	0.7	0.6	13.3	1.9	0.9	1.2	-	-	2.7	-	3.6	3.6	11.0	5.8	3.0
29	-	-	2.4	4.1	0.5	1.0	2.6	4.8	-	8.6	-	2.6	-	2.6	3.6	3.9	7.5	1.3
30	-	-	-	3.1	-	-	-	1.1	2.0	7.5	-	1.7	-	5.2	4.8	2.9	5.8	1.2

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	-	-	-	-	-	-	-	-	1.7	2.2	1.5
2	-	-	-	15.0	4.2	-	-	-	3.0	4.5	2.2
3	4.6	7.0	2.5	7.7	-	-	-	-	1.4	1.3	1.2
4	2.8	5.1	5.6	3.1	6.9	-	4.6	7.6	1.2	0.7	4.5
5	2.5	6.1	2.2	5.7	3.4	8.4	1.6	2.0	0.9	-	1.7
6	1.0	9.3	-	3.7	8.2	11.5	2.5	0.5	3.9	0.5	1.4
7	1.3	6.6	3.7	8.4	3.5	6.0	1.6	-	2.1	0.4	3.8
8	1.6	9.2	2.1	4.8	2.0	2.6	7.7	-	-	0.4	-
9	-	2.8	-	-	-	2.2	-	0.8	3.8	2.0	0.1
10	-	-	-	2.7	3.0	2.2	1.9	0.2	-	-	2.5
11	3.4	-	2.0	-	1.9	5.6	1.3	-	10.8	-	-
12	-	-	2.1	-	-	1.3	1.7	-	11.6	2.9	6.8
13	-	-	-	-	-	1.3	-	-	-	1.2	3.1
14	4.3	-	-	-	-	-	-	-	-	5.3	1.5
15	4.4	-	-	-	-	-	-	-	5.7	-	-
16	5.2	-	4.6	-	-	-	-	1.2	-	1.6	0.9
17	8.6	-	3.7	-	-	-	-	2.3	-	-	1.5
18	-	-	3.7	-	-	9.2	-	4.7	-	-	-
19	-	-	-	6.6	3.0	5.7	-	-	-	-	0.8
20	-	-	-	0.4	3.4	1.2	0.4	-	-	0.6	0.9
21	3.0	-	6.1	-	-	-	4.5	-	5.6	-	0.2
22	1.0	-	6.1	-	8.7	9.7	5.8	1.4	1.9	0.3	1.5
23	1.4	-	-	-	4.0	4.4	3.3	6.8	2.0	1.0	-
24	2.3	-	-	5.4	-	1.9	-	-	1.6	1.6	2.7
25	1.8	8.8	7.9	-	3.1	4.6	2.9	2.3	2.4	-	-
26	1.2	-	2.8	2.5	2.0	-	2.6	1.7	1.8	-	-
27	1.6	-	-	-	-	4.8	3.5	10.6	1.1	-	-
28	1.2	-	4.6	-	-	4.2	-	1.1	4.7	-	-
29	3.0	-	1.8	1.0	13.6	-	-	5.2	4.1	-	-
30	2.0	-	1.8	-	4.6	5.7	-	4.3	6.1	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

PH IN PRECIPITATION.

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5
1	-	4.30	4.70	5.80	5.20	4.00	4.13	4.36	4.48	4.60	-	4.57	4.62	5.80	4.32	4.56
2	5.90	4.30	5.30	5.50	4.60	4.00	4.38	-	4.07	4.36	-	4.56	4.73	4.75	6.09	-
3	5.40	4.30	-	4.90	4.40	3.90	4.72	-	4.37	4.98	4.30	4.92	4.58	-	-	-
4	5.80	-	-	-	5.60	-	4.40	4.53	-	-	4.90	5.15	4.60	4.43	4.16	-
5	-	-	5.10	-	-	-	4.48	-	-	-	-	5.40	6.60	4.70	4.37	4.28
6	5.50	5.30	-	4.70	5.20	3.70	4.45	4.59	4.81	4.80	4.40	5.17	4.44	7.43	-	-
7	-	-	-	-	-	-	4.76	4.66	-	5.65	-	5.44	4.62	4.95	-	-
8	-	-	5.00	-	-	-	4.68	-	-	-	-	6.20	4.62	5.12	4.83	4.37
9	4.90	4.30	-	4.70	4.40	5.00	4.30	4.89	4.20	5.12	4.40	5.98	-	4.13	4.46	-
10	-	-	-	-	-	-	-	-	-	-	4.40	5.80	-	-	5.30	4.63
11	-	-	-	-	-	-	-	-	-	-	-	5.44	-	-	-	-
12	-	-	-	-	-	-	4.28	4.32	-	-	-	4.20	4.78	-	4.66	4.14
13	-	-	-	-	-	-	4.05	4.08	-	-	-	4.45	4.04	4.26	-	3.87
14	-	-	5.90	-	-	-	-	-	-	-	-	-	-	6.62	4.14	-
15	-	5.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	5.20	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	4.12	-	-	3.86	-	-	4.69	-	3.86	4.08
18	-	-	5.90	-	6.30	-	-	3.60	4.02	-	-	-	-	7.29	-	-
19	-	-	-	-	5.40	5.20	4.30	-	-	-	3.90	-	5.64	4.32	-	-
20	-	-	-	-	4.70	-	-	-	-	-	-	-	-	6.92	-	4.47
21	4.20	-	-	-	-	5.70	4.55	-	-	4.61	-	-	4.63	4.76	-	4.55
22	-	-	-	-	5.50	4.80	4.62	3.94	4.21	5.24	4.30	-	5.17	4.69	4.83	4.46
23	-	5.40	5.90	5.60	5.30	4.60	4.42	4.37	4.42	4.78	4.40	-	4.70	5.05	4.84	6.25
24	-	5.00	5.60	5.50	4.50	4.30	4.53	4.41	3.79	4.42	5.30	-	4.72	5.50	4.48	6.98
25	-	4.80	5.90	5.60	4.70	5.50	4.68	-	4.20	4.46	5.60	-	6.02	6.83	4.31	-
26	-	-	-	5.20	4.20	-	4.81	-	4.57	4.35	4.50	-	5.25	-	-	-
27	-	-	5.40	-	-	-	4.51	4.35	-	4.40	-	-	4.72	4.64	-	5.84
28	-	5.20	5.80	5.40	4.40	4.20	4.19	-	5.09	4.90	4.80	-	4.48	-	4.85	-
29	-	-	5.90	5.60	4.20	4.50	4.39	-	4.56	4.55	-	-	4.38	6.91	-	5.50
30	-	-	6.10	5.90	5.60	-	4.18	-	4.12	4.19	-	5.27	5.23	-	4.38	-

PH IN PRECIPITATION.

DATE	DK 6	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10
1	-	-	-	6.18	-	5.42	6.06	4.20	4.20	4.45	4.40	4.25	4.30	4.50	4.60	4.30
2	-	6.43	6.40	6.05	6.22	-	5.93	4.00	4.30	4.30	4.30	4.40	4.35	4.35	4.45	4.30
3	-	6.28	6.86	6.08	5.99	-	6.13	8.10	4.35	4.30	4.40	4.25	4.30	4.25	4.20	4.25
4	5.06	5.60	-	-	-	5.83	-	4.40	4.25	4.35	4.40	4.50	4.35	4.25	4.25	4.50
5	4.56	6.07	-	6.15	-	5.90	5.89	-	4.40	4.55	4.65	4.40	4.30	4.45	4.50	4.45
6	4.47	6.94	6.69	-	5.77	5.45	6.04	-	4.40	4.45	4.55	4.25	4.20	4.30	4.35	4.60
7	7.24	5.18	-	-	-	-	5.83	-	4.50	4.55	4.60	4.70	4.55	4.65	4.65	4.60
8	5.43	5.18	-	-	-	5.37	-	5.60	4.45	4.60	4.90	4.80	4.55	4.85	4.65	-
9	7.37	5.13	-	-	5.93	-	-	3.60	-	5.40	5.20	4.90	-	4.95	6.20	-
10	-	-	-	-	-	-	-	-	-	4.35	-	4.10	-	4.15	5.55	-
11	-	-	-	-	-	5.07	-	3.90	-	-	-	-	-	3.65	6.25	-
12	6.35	-	-	-	-	5.87	-	4.70	-	-	-	-	-	-	-	-
13	4.27	-	-	-	-	-	-	5.20	3.90	4.10	4.00	4.15	4.10	4.00	-	3.90
14	-	-	6.05	-	-	-	-	5.00	-	4.15	4.20	-	-	4.35	6.65	4.30
15	-	6.00	-	-	-	5.35	-	5.70	-	3.80	3.75	4.00	3.75	4.00	4.05	3.80
16	-	4.00	6.36	4.96	4.66	-	-	4.10	4.00	3.45	3.95	2.75	-	3.90	3.90	3.65
17	-	-	6.25	6.20	-	-	-	5.80	4.00	3.80	3.45	4.05	4.05	4.20	4.25	3.80
18	-	-	-	-	-	-	-	-	-	-	-	4.85	-	4.95	4.70	-
19	-	-	-	6.08	-	-	-	4.80	4.75	4.55	5.05	4.80	4.65	4.80	4.90	4.70
20	5.09	-	-	-	6.09	-	-	5.40	4.30	4.25	5.00	4.45	4.40	4.60	4.80	4.35
21	-	5.96	6.46	6.64	-	5.77	-	-	4.05	4.25	4.10	4.20	4.20	4.40	4.45	4.15
22	5.33	6.72	-	-	-	6.21	-	-	4.50	5.00	4.80	5.05	5.20	4.90	5.15	4.95
23	-	5.42	6.26	5.75	-	4.43	6.01	-	4.45	4.40	4.30	4.55	4.45	4.60	4.60	4.45
24	5.67	5.45	6.30	-	6.30	-	4.90	-	4.40	4.55	4.40	4.65	4.55	4.80	6.30	4.40
25	5.42	5.37	-	6.10	6.12	-	5.42	-	4.65	5.30	4.70	5.15	5.20	5.20	5.10	4.45
26	4.59	-	-	-	5.99	-	-	-	-	-	-	5.30	-	5.60	5.10	5.05
27	5.73	4.89	6.17	6.17	-	5.48	6.19	-	4.50	4.40	4.40	4.25	4.15	4.30	-	4.60
28	4.25	5.16	6.20	-	5.98	5.76	6.02	-	4.45	4.45	4.35	4.00	4.25	4.35	4.60	4.50
29	4.18	4.61	6.21	-	-	5.51	6.07	-	-	4.30	4.00	4.15	4.30	4.35	6.40	4.25
30	-	-	6.30	-	-	5.87	6.16	5.00	-	5.00	-	5.00	5.90	5.60	5.90	5.00

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

PH IN PRECIPITATION.

DATE	N 14	N 15	N 16	N 18	N 19	N 20	N 22	N 23	N 24	N 25	N 26	N 27	N 28	NL 1	NL 2	NL 3
1	-	-	-	4.45	4.50	4.40	-	4.20	5.05	-	4.10	4.35	-	4.64	4.66	4.74
2	-	-	4.55	4.40	4.30	4.20	4.25	4.50	4.20	-	4.35	4.40	4.25	4.82	4.62	4.84
3	5.70	-	4.40	4.30	4.40	4.25	4.40	4.70	4.30	-	4.35	4.35	4.10	-	-	4.75
4	5.15	-	5.65	4.20	4.40	4.40	4.25	4.60	4.30	-	4.25	4.10	4.65	4.77	4.77	4.08
5	5.05	4.55	6.00	4.80	4.30	4.85	4.35	4.45	4.50	-	4.50	4.45	-	4.71	4.61	4.70
6	5.00	5.05	4.90	4.55	4.95	4.50	4.55	4.45	4.50	-	4.45	4.60	4.65	4.56	-	4.37
7	-	4.60	4.75	4.30	4.40	4.55	4.35	4.45	4.65	-	4.45	4.70	4.55	5.48	4.65	4.50
8	4.50	4.60	5.00	4.35	4.50	4.60	-	5.60	4.85	-	-	4.90	4.55	-	4.68	4.25
9	5.30	4.95	-	-	-	-	-	-	5.30	-	-	5.30	4.55	4.65	4.43	4.49
10	5.50	-	-	-	-	-	-	-	4.60	6.50	-	-	-	-	-	-
11	5.40	4.85	4.55	-	-	-	-	-	4.40	-	-	4.10	5.00	-	-	-
12	-	5.10	-	-	-	-	-	-	-	-	-	-	-	4.93	4.02	4.18
13	5.90	-	-	-	-	4.05	4.20	4.25	4.40	-	4.20	3.90	4.15	4.51	4.42	-
14	4.95	4.35	4.20	4.85	4.20	4.35	4.20	-	5.55	-	4.00	4.25	4.25	-	-	-
15	4.90	-	-	4.35	3.70	4.10	-	-	3.70	-	3.85	4.00	-	7.33	-	-
16	4.50	4.35	4.10	-	3.85	4.10	-	-	4.20	-	3.85	3.95	4.05	-	-	-
17	5.50	5.10	4.40	3.95	-	3.80	-	-	4.90	-	-	4.60	4.50	4.46	-	-
18	5.35	5.30	-	-	-	-	-	-	5.05	-	-	4.90	4.40	-	-	-
19	5.50	5.35	-	-	-	-	4.30	4.00	4.90	5.95	6.60	5.05	4.70	-	-	-
20	-	5.00	-	-	-	-	-	4.35	4.60	-	4.70	5.25	4.80	-	-	-
21	5.25	5.00	5.65	4.45	3.75	4.65	4.45	4.40	4.60	-	4.20	4.85	4.65	4.34	4.25	4.44
22	5.90	4.60	5.45	4.50	-	-	4.70	-	4.85	4.80	4.45	5.40	4.55	4.27	4.34	4.25
23	5.80	5.10	5.55	4.35	4.35	4.80	4.35	4.40	4.75	-	4.50	4.50	4.55	4.52	4.30	4.25
24	5.30	-	4.40	4.25	4.25	4.35	4.65	4.45	4.50	-	4.40	4.50	4.55	4.60	4.31	4.31
25	5.10	4.15	4.40	4.30	4.35	4.45	5.00	4.90	4.65	5.90	4.65	4.75	4.55	4.63	4.19	4.25
26	5.05	-	5.00	4.65	4.65	4.60	-	-	4.95	6.70	4.70	5.05	4.55	4.52	4.32	4.25
27	-	-	4.65	4.45	4.40	4.50	4.45	4.40	-	6.10	4.55	4.90	4.55	4.60	4.32	4.38
28	5.75	4.30	4.55	4.30	4.25	4.45	4.40	4.40	4.50	6.90	4.40	4.65	4.55	4.04	-	4.21
29	-	-	4.55	4.45	-	-	4.40	4.25	4.80	6.60	4.20	-	-	4.49	4.20	4.27
30	6.10	4.85	4.70	-	-	-	-	5.60	-	-	-	4.90	4.20	4.18	-	4.35

PH IN PRECIPITATION.

DATE	NL 4	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	4.89	-	-	-	-	-	4.20	6.00	4.40
2	5.02	-	6.40	-	-	-	4.00	6.00	4.20
3	-	-	-	-	-	-	4.50	6.80	4.60
4	4.83	4.50	6.71	-	5.06	4.07	4.50	5.90	4.10
5	4.68	4.03	4.25	6.17	4.76	4.85	4.50	6.50	4.50
6	-	4.24	4.10	-	4.64	5.87	4.60	6.10	4.40
7	4.83	4.06	4.61	5.51	4.76	-	4.80	6.10	4.40
8	4.52	4.25	4.57	5.13	-	-	-	6.20	-
9	4.40	-	-	5.14	-	4.90	4.70	6.20	4.90
10	-	4.47	4.42	4.60	4.53	5.36	-	-	4.50
11	-	-	4.45	-	4.91	-	3.80	-	-
12	4.11	-	-	7.20	4.60	-	-	6.00	3.70
13	-	-	-	6.76	-	-	-	5.20	4.20
14	-	-	-	-	-	-	-	4.20	4.20
15	4.16	-	-	-	-	-	4.90	-	4.40
16	-	-	-	-	-	4.80	-	4.60	4.70
17	3.97	-	-	-	-	4.57	4.60	-	6.30
18	-	-	-	4.29	-	4.24	-	-	5.50
19	-	5.15	6.14	-	-	-	-	6.30	5.20
20	-	6.33	4.38	6.25	5.23	-	-	4.40	5.30
21	4.67	-	-	-	-	-	4.70	6.40	5.00
22	-	-	-	6.56	4.13	4.77	4.90	4.60	4.80
23	4.63	-	-	-	-	-	4.60	4.70	-
24	4.37	4.37	-	4.89	-	-	4.80	4.30	4.00
25	4.61	-	4.35	4.48	4.41	4.63	4.60	-	-
26	4.38	4.47	4.72	-	4.75	4.40	4.60	-	-
27	4.53	-	-	4.89	4.74	-	4.30	-	-
28	-	-	-	-	-	4.62	4.10	-	-
29	4.15	4.69	-	-	-	4.71	3.80	-	-
30	-	-	4.38	4.33	-	4.34	4.00	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER) * COMPUTED FROM PH

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01
1	-	*50	*20	NEG	NEG	*100	41	65	24	*25	-	52	31	-59	66	*28	-	-
2	NEG	*50	NEG	NEG	*25	*100	39	-	30	32	-	57	16	*18	NEG	-	-	NEG
3	NEG	*50	-	*13	*40	*126	38	-	24	29	33	23	34	-	-	-	-	NEG
4	NEG	-	-	-	NEG	-	37	32	-	-	32	10	38	51	95	-	NEG	NEG
5	-	-	NEG	-	-	-	32	-	-	-	-	6	NEG	19	76	7	39	NEG
6	NEG	NEG	-	*20	NEG	*200	34	31	21	28	19	12	35	NEG	-	-	62	NEG
7	-	-	-	-	-	-	26	*22	-	NFG	-	7	38	10	-	-	NEG	NEG
8	-	-	NEG	-	-	-	28	-	-	-	-	-50	23	12	25	48	10	70
9	*13	*50	-	*20	*40	NEG	37	34	18	112	31	-21	-	87	*35	-	NEG	40
10	-	-	-	-	-	-	-	-	-	-	22	-9	-	-	NEG	22	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-6	-	-	-	-	-	-
12	-	-	-	-	-	-	35	35	-	-	-	97	*17	-	*22	186	-48	-
13	-	-	-	-	-	-	38	32	-	-	-	60	119	86	-	160	-53	-
14	-	-	NFG	-	-	-	-	-	-	-	-	-	-	NFG	102	-	-	-
15	-	NFG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NEG
16	-	-	-	-	-	NEG	-	-	-	-	-	-	-	-	-	-	-	300
17	-	-	-	-	-	-	*76	-	-	28	-	-	43	-	*138	*83	-	-
18	-	-	NEG	-	NEG	-	-	142	77	-	-	-	-	NFG	-	-	-	-
19	-	-	-	-	NEG	NEG	35	-	-	-	28	-	-12	64	-	-	-	-
20	-	-	-	-	*20	-	-	-	-	-	-	-	-	NFG	-	*34	10	-
21	*63	-	-	-	-	NEG	22	-	-	27	-	-	53	34	-	*28	-	40
22	-	-	-	-	NFG	*16	22	*115	20	53	21	-	-1	28	*15	*35	NEG	NEG
23	-	NFG	NEG	NEG	NEG	*25	28	91	31	42	36	-	30	10	43	NEG	-	155
24	-	NFG	NEG	NEG	*32	*50	30	27	17	26	24	-	44	NFG	61	NEG	-3	140
25	-	*16	NEG	NEG	*20	NEG	32	-	50	31	21	-	NFG	NFG	70	-	7	60
26	-	-	-	NEG	*63	-	28	-	30	77	45	-	NEG	-	-	-	48	-
27	-	-	NEG	-	-	-	25	21	-	30	-	-	32	36	-	-10	-53	140
28	-	NFG	NEG	NEG	*16	*63	27	-	25	26	51	-	58	-	26	-	*56	33
29	-	-	NEG	NEG	*63	*32	20	-	24	28	-	-	*42	NFG	-	NFG	108	140
30	-	-	NEG	NEG	NEG	-	33	-	36	45	-	-12	1	-	*42	-	-	-

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER) * COMPUTED FROM PH

DATE	F 02	F 03	F 04	F 05	F 06	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 18
1	-	NFG	-	124	NEG	*63	57	36	40	56	50	31	27	49	-	-	-	35
2	NEG	NFG	NEG	-	60	*100	50	52	50	40	45	45	30	48	-	-	28	40
3	NEG	NFG	NEG	-	NEG	NEG	45	51	40	56	50	56	70	60	NEG	-	40	50
4	-	-	-	206	-	*40	58	45	40	33	45	56	55	29	0	-	NEG	63
5	-	NEG	-	180	20	-	40	31	66	40	50	35	30	36	9	34	-44	14
6	NEG	-	26	10	NEG	-	35	38	27	56	63	50	41	26	4	10	16	26
7	-	-	-	-	0	-	31	31	31	23	26	16	14	27	-	25	23	50
8	-	-	-	8	-	NEG	38	30	13	23	26	13	21	-	32	35	12	45
9	-	-	NEG	-	-	*251	-	0	5	12	-	6	NFG	-	-3	15	-	-
10	-	-	-	-	-	-	-	32	-	80	-	71	NEG	-	-6	-	-	-
11	-	-	-	NFG	-	*126	-	-	-	-	-	225	-40	-	-1	14	28	-
12	-	-	-	NEG	-	*20	-	-	-	-	-	-	-	-	-	4	-	-
13	-	-	-	-	-	NEG	145	104	100	71	80	100	-	134	-13	-	-	-
14	20	-	-	-	-	NFG	-	71	63	-	-	45	NFG	50	7	45	63	9
15	-	-	-	20	-	NEG	-	172	180	100	180	100	89	171	8	-	-	45
16	NEG	140	69	-	-	*79	107	388	112	180	-	125	143	246	32	45	80	-
17	NEG	NFG	-	-	-	NEG	114	168	355	89	89	63	69	183	-4	3	40	112
18	-	-	-	-	-	-	-	-	-	12	-	6	18	-	-2	-1	-	-
19	-	NFG	-	-	-	*16	20	33	12	15	24	12	12	18	-9	-1	-	-
20	-	-	NEG	-	-	NEG	56	58	12	35	40	23	13	43	-	4	-	-
21	NEG	NFG	-	27	-	-	99	64	80	63	63	40	32	74	3	7	-22	35
22	-	-	-	NFG	-	-	34	12	13	1	1	7	1	6	-16	22	-8	30
23	NEG	28	-	200	NEG	-	38	41	50	26	35	21	16	36	-15	5	12	45
24	NEG	-	NEG	-	100	-	40	29	40	19	22	12	NEG	43	-6	-	40	56
25	-	NFG	NEG	-	0	-	22	4	19	1	0	3	4	35	-2	71	40	50
26	-	-	39	-	-	-	-	-	-	-6	-	-9	3	4	5	-	10	22
27	NEG	NFG	-	110	NEG	-	32	41	40	56	71	50	-	22	-	-	19	35
28	NEG	-	NEG	120	NEG	-	37	36	45	100	56	45	34	34	-26	50	29	50
29	NEG	-	-	140	NEG	-	-	54	100	71	50	45	NEG	64	-	-	25	35
30	NEG	-	-	160	NEG	NEG	-	10	-	12	-8	NEG	-40	10	-40	15	22	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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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	37	40	-	70	21	-	85	45	-	82	*22	37	*13	11	-8	57	57	-
2	50	63	61	29	69	-	51	40	72	33	79	28	20	40	51	-	-	-
3	40	56	42	19	76	-	50	45	80	-	-	30	-	18	29	70	39	69
4	40	40	59	21	50	-	63	80	19	19	22	89	16	23	46	-	35	-
5	50	16	44	43	46	-	40	35	-	24	24	31	24	41	34	35	27	39
6	8	31	30	36	35	-	28	22	22	32	-	61	-	-	34	38	29	-
7	40	31	49	37	23	-	28	20	34	14	24	44	19	39	34	-	55	-16
8	27	26	-	NFG	17	-	-	12	34	-	*21	*56	7	16	34	48	40	65
9	-	-	-	-	2	-	-	0	34	27	33	44	43	29	-	39	-	1
10	-	-	-	-	31	NEG	-	-	-	-	-	-	-	6	-	-	25	-
11	-	-	-	-	49	-	-	80	7	-	-	-	-	-	-	-	-	0
12	-	-	-	-	-	-	-	-	-	18	100	87	*78	-	-	-	-	-13
13	-	89	84	56	46	-	76	125	71	*31	59	-	-	51	63	-	-	-
14	63	45	92	-	NFG	-	107	56	52	-	-	-	-	102	63	-	-	-
15	200	80	-	-	205	-	164	100	-	NFG	-	-	90	-	63	-	-	-
16	140	80	-	-	62	-	164	112	104	-	-	-	-	-	-	-	-	51
17	-	160	-	-	10	-	-	27	32	48	-	-	94	-	-	-	-	-
18	-	-	-	-	4	-	-	6	40	-	-	-	-	5	-	-	-	-
19	-	-	34	122	13	-16	NEG	4	20	-	-	-	-	-	-	-	-	44
20	-	-	-	50	24	-	29	0	16	-	-	-	-	4	137	-	42	-
21	180	19	39	40	25	-	81	9	25	46	65	44	15	-	137	134	81	68
22	-	-	20	-	10	0	36	-7	31	54	56	57	-	110	137	116	196	29
23	45	15	41	32	14	-	38	26	31	29	59	62	27	-	48	28	45	-
24	56	45	19	36	28	-	53	38	31	30	48	54	57	35	44	57	77	58
25	45	35	1	6	18	-12	25	18	31	45	84	87	44	-	107	-	82	46
26	16	23	-	-	6	NFG	20	0	31	40	*48	78	64	-	-	-	44	-
27	40	33	32	40	-	-86	30	10	31	86	62	73	45	34	11	99	-	-
28	56	35	40	37	27	NEG	45	23	31	*91	-	126	-	45	11	110	89	60
29	-	-	39	56	15	NEG	72	-	-	92	*63	72	*71	25	11	60	99	34
30	-	-	-	-26	-	-	-	4	63	91	-	60	-	43	-13	40	69	27

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	-	-	-	-	-	-	-	-	*63	NFG	*40
2	-	-	-	-	-26	-	-	-	*100	NFG	*63
3	-55	31	34	-	-	-	-	-	*32	NFG	*25
4	5	37	30	52	-33	-	31	122	*32	NFG	*79
5	32	56	11	106	92	-1	39	28	*32	NFG	*32
6	-82	67	-	78	114	-	34	4	*25	NFG	*40
7	-2	63	39	147	54	11	33	-	*16	NFG	*40
8	7	74	26	76	47	21	-	-	-	NFG	-
9	-	35	-	-	-	19	-	26	*20	NFG	*13
10	-	-	-	52	61	45	47	13	-	-	*32
11	-49	-	-5	-	52	-	33	-	*15A	-	-
12	-	-	30	-	-	-100	42	-	-	NFG	*200
13	-	-	-	-	-	-66	-	-	-	NFG	*63
14	-33	-	-	-	-	-	-	-	-	*63	*63
15	38	-	-	-	-	-	-	-	*13	-	*40
16	85	-	29	-	-	-	-	28	-	*25	*20
17	172	-	37	-	-	-	-	46	*25	-	NFG
18	-	-	37	-	-	94	-	81	-	-	NFG
19	-2	-	4	23	NEG	-	-	-	-	NEG	NEG
20	-	-	-	-14	64	-23	17	-	-	*40	NFG
21	69	-	92	-	-	-	-	-	*20	NFG	NEG
22	22	-	92	-	-	-52	105	33	*13	*25	*16
23	-205	-	-	-	-	-	-	-	*25	*20	-
24	32	-	-	68	-	32	-	-	*16	*50	*100
25	37	26	92	-	65	62	62	42	*25	-	-
26	-5	-	32	53	37	-	39	57	*25	-	-
27	10	-	-	-	-	30	40	-	*50	-	-
28	29	-	60	-	-	-	-	41	*79	-	-
29	59	-	8	36	-	-	-	39	*158	-	-
30	22	-	10	-	65	82	-	67	*100	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

SO2 IN AIR (MICROGRAMS PER M3)

DATE	A	02	CH 1	CH 2	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC	1	N 01	N 03	N 09
1	0	0	0	0	15	1	6	6	35	7	5	0	22	1	0	4	17	10	3	
2	0	0	0	0	23	46	8	5	56	0	6	0	38	0	4	1	10	4	1	
3	0	0	0	0	14	38	4	31	30	0	5	0	21	0	7	0	5	2	-	
4	0	0	0	0	9	15	6	11	-	0	10	0	35	0	13	1	1	6	2	
5	0	0	0	5	6	12	7	6	-	0	0	8	25	0	11	0	1	1	2	
6	0	0	0	0	14	16	3	-	8	0	4	0	7	0	5	0	1	1	1	
7	3	0	0	0	7	15	6	4	12	0	5	3	0	-	0	0	1	4	1	
8	2	0	0	5	11	18	6	11	7	8	0	2	0	-	8	0	1	2	1	
9	6	0	0	5	9	11	12	9	8	14	5	0	6	-	0	5	1	2	1	
10	3	0	0	5	12	52	6	5	16	7	0	6	0	-	0	0	1	2	1	
11	3	0	0	5	23	53	10	40	14	28	4	3	11	-	5	0	3	6	10	
12	0	0	0	10	20	28	6	26	16	15	0	6	14	-	18	1	2	3	5	
13	0	0	0	5	11	12	9	12	15	15	0	0	0	-	6	5	2	8	11	
14	2	0	0	5	15	18	6	27	17	19	0	0	0	-	0	1	1	2	1	
15	0	0	0	0	20	29	7	13	18	24	0	-	5	-	0	2	2	2	1	
16	0	0	0	0	21	20	9	19	20	11	0	-	5	-	0	7	7	6	5	
17	0	0	0	5	14	11	6	35	19	19	0	-	6	-	0	1	7	7	1	
18	0	0	0	10	10	13	9	13	16	31	0	-	17	-	0	1	1	2	1	
19	0	0	0	15	6	10	9	26	15	45	5	-	0	-	0	4	1	1	1	
20	7	0	0	15	16	30	18	11	11	22	0	-	7	-	3	2	1	1	1	
21	3	5	10	6	17	8	31	19	8	0	-	0	-	0	6	2	2	1	1	
22	2	0	-	13	16	8	10	13	0	0	-	0	-	0	1	2	1	1	1	
23	0	5	5	-	14	11	17	13	0	0	0	23	-	-	0	1	3	1	1	
24	0	0	0	-	11	6	9	8	0	0	0	0	-	-	0	1	3	1	1	
25	0	-	0	-	15	7	11	45	0	0	0	11	-	-	0	1	2	1	1	
26	0	-	0	-	18	14	10	9	0	0	0	25	-	-	2	1	1	1	1	
27	0	-	40	-	20	7	22	-	0	0	0	0	-	-	2	1	2	1	1	
28	0	-	20	14	26	-	11	41	0	0	0	-	-	-	14	1	4	33		
29	0	-	5	20	12	5	8	14	0	0	0	-	-	-	0	1	6	3		
30	2	-	5	7	18	7	17	16	27	0	0	9	-	0	3	1	4	2		

SO2 IN AIR (MICROGRAMS PER M3)

DATE	N 22	N 23	N 25	N 26	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05
1	5	5	2	5	0	6	5	10	8	5	8	3	-
2	4	14	4	5	4	10	16	0	7	9	7	6	3
3	3	13	2	3	10	0	0	10	5	6	8	5	2
4	4	6	1	2	5	4	0	16	8	4	8	7	2
5	3	4	1	1	7	0	0	0	9	7	4	4	7
6	3	3	1	1	18	6	5	4	6	6	4	5	5
7	2	7	1	1	8	0	5	9	8	7	17	4	8
8	3	6	1	1	15	0	6	8	11	6	4	5	4
9	10	3	2	2	9	0	8	5	9	6	4	4	6
10	5	3	3	1	20	0	14	8	5	6	6	4	7
11	4	6	2	5	33	8	9	14	7	17	-	6	1
12	3	4	2	2	13	18	8	21	16	21	-	3	3
13	4	5	2	3	11	0	4	5	7	14	-	5	4
14	2	2	2	1	0	0	8	11	9	9	-	6	5
15	1	1	2	1	20	29	0	20	12	9	-	6	3
16	3	6	1	8	14	10	0	16	10	12	-	5	2
17	2	3	1	5	31	4	0	11	17	14	-	7	-
18	2	2	1	1	0	0	0	4	-	5	-	7	-
19	1	2	1	1	0	0	0	0	-	-	-	5	-
20	2	1	1	1	0	0	0	11	-	8	-	5	-
21	1	1	1	1	11	5	0	0	-	16	-	78	-
22	1	1	1	1	11	4	0	7	-	9	-	16	-
23	1	1	1	1	5	9	4	4	-	11	-	6	-
24	2	1	2	1	10	0	0	0	-	11	-	7	-
25	1	4	1	1	7	11	11	0	-	9	-	-	-
26	2	2	2	1	16	0	8	6	-	8	-	-	-
27	2	2	2	1	6	9	8	12	-	7	-	-	-
28	2	2	1	1	14	12	20	8	-	12	-	-	-
29	2	2	1	1	16	5	12	11	-	4	13	-	-
30	3	2	3	2	15	0	5	7	-	8	13	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 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 8	UK 9
1	8	-	5	0	0	0	0	0	24	12	6	28
2	7	11	5	7	0	7	0	0	14	17	6	28
3	8	10	9	0	0	10	0	0	4	2	6	21
4	8	16	6	0	0	3	0	0	4	1	6	28
5	10	14	8	0	3	3	0	0	7	1	6	28
6	8	12	9	0	0	7	0	0	5	1	6	28
7	7	17	7	0	0	36	0	0	1	5	6	49
8	8	-	8	0	0	3	0	0	4	1	6	14
9	7	9	6	0	0	3	3	0	9	1	6	14
10	7	10	7	0	14	0	0	3	20	1	6	14
11	9	4	5	0	3	0	3	0	29	15	6	28
12	8	9	6	0	9	4	0	0	6	28	6	28
13	10	6	7	0	0	0	0	0	9	2	6	21
14	10	4	-	0	0	0	0	0	17	5	0	21
15	9	19	-	0	3	0	0	0	23	2	6	42
16	5	7	-	0	6	6	0	0	40	1	0	21
17	15	5	-	0	6	6	0	0	27	3	7	28
18	9	4	-	0	31	6	0	0	20	3	7	35
19	14	11	-	0	15	3	0	0	27	2	7	71
20	9	7	-	4	13	0	0	0	21	1	7	49
21	11	9	-	0	3	0	0	0	8	2	7	43
22	11	12	-	0	3	0	0	0	6	1	7	28
23	9	29	-	0	6	0	0	3	15	17	7	21
24	12	17	-	0	9	0	0	0	21	3	13	28
25	9	18	-	-	6	0	0	0	32	13	7	28
26	16	-	-	-	6	3	0	0	18	2	7	43
27	9	-	-	-	3	0	0	0	31	5	7	35
28	-	-	-	-	3	0	0	0	21	4	7	43
29	-	-	10	-	3	3	0	0	43	8	7	29
30	-	-	14	-	0	3	0	0	31	9	-	36

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	6.2	3.3	3.0	4.1	-	1.0	2.6	3.1	0.1	0.4	6.7	6.4	0.4	12.2	8.3	1.0	0.5	3.0
2	16.2	2.9	4.5	3.1	4.1	1.0	2.2	1.9	0.1	0.3	5.4	5.6	0.4	7.4	0.3	1.0	2.0	2.6
3	11.9	3.3	2.1	3.6	1.4	0.2	1.4	2.4	0.1	0.8	3.8	3.7	0.5	7.1	2.6	0.4	0.7	0.2
4	0.9	2.8	2.5	4.3	2.2	0.2	1.4	0.5	0.0	2.6	3.8	5.4	4.1	4.8	2.3	0.3	0.3	31.5
5	1.7	3.3	6.3	2.9	1.4	1.0	1.9	0.5	0.5	2.4	1.3	2.8	2.5	7.1	0.0	0.0	1.5	1.8
6	2.9	4.0	2.5	2.6	1.2	1.7	1.4	0.5	0.0	2.3	2.0	3.0	3.8	4.2	0.0	0.0	0.2	0.1
7	4.5	1.7	3.3	3.1	2.2	1.0	1.0	1.0	0.2	2.3	4.3	4.3	3.5	8.9	0.0	2.6	0.2	1.4
8	4.6	13.6	3.5	5.5	2.6	1.7	1.4	0.5	0.2	2.9	2.4	2.4	1.8	3.8	0.3	1.8	3.0	2.4
9	10.4	2.9	2.7	4.3	2.2	1.4	1.0	0.5	2.1	2.6	2.2	2.9	2.3	4.1	0.0	1.1	2.1	3.2
10	4.9	0.2	6.0	5.5	2.9	1.7	1.9	1.7	0.2	1.1	1.4	2.6	4.4	6.4	0.8	0.7	1.9	4.2
11	9.0	2.0	8.4	6.7	7.4	1.4	2.6	2.2	0.2	4.6	6.1	9.7	13.0	7.6	0.8	8.2	0.1	14.2
12	8.3	1.5	13.8	18.0	14.9	5.8	7.0	2.2	0.2	-	21.2	16.8	21.8	14.4	7.9	4.5	9.3	19.1
13	10.7	2.7	17.2	8.9	7.0	6.2	2.6	2.4	0.5	-	13.2	9.0	10.5	12.1	4.8	0.2	0.0	18.6
14	13.8	1.1	20.8	5.0	5.5	5.8	2.9	3.1	1.7	-	2.6	4.7	2.4	12.6	15.4	6.6	3.0	28.8
15	11.2	2.2	17.3	4.8	5.3	9.6	3.8	4.8	0.1	-	8.2	6.8	0.1	5.3	1.6	1.0	-	23.6
16	10.8	6.5	20.0	20.6	14.2	9.6	7.7	5.5	0.3	0.7	23.8	18.7	0.1	14.9	4.2	0.6	-	25.4
17	16.7	3.9	20.3	19.0	9.6	12.5	4.8	5.3	-	2.5	16.8	19.0	25.2	3.5	31.9	1.5	-	25.3
18	16.7	4.5	34.3	5.5	5.0	15.4	10.8	5.8	-	2.1	1.0	1.1	1.3	2.9	12.8	4.6	-	15.0
19	15.8	1.4	22.5	5.0	1.0	10.1	3.1	5.0	-	1.5	3.0	3.0	2.6	2.7	32.2	1.8	-	16.5
20	17.5	1.4	19.2	5.0	1.9	2.2	7.4	4.8	-	2.4	0.8	0.8	1.2	4.9	7.8	2.7	-	13.9
21	18.8	4.7	18.4	5.0	3.8	7.7	4.8	6.7	-	0.2	6.4	7.0	0.1	6.3	4.5	5.9	-	23.6
22	10.6	1.9	2.6	3.8	3.4	2.6	2.2	5.3	-	0.7	1.3	1.4	2.3	2.9	0.4	1.3	-	11.7
23	3.7	0.6	2.5	2.4	1.0	1.2	1.0	1.0	-	0.6	2.2	3.4	3.0	5.6	0.2	1.9	1.4	2.5
24	3.0	16.7	1.9	2.2	1.2	0.7	1.4	1.0	-	2.4	2.5	2.2	3.0	4.0	1.2	0.6	0.5	1.0
25	3.4	-	2.0	3.6	2.6	1.2	1.4	2.4	-	1.4	2.0	4.0	4.6	4.2	1.4	0.1	1.6	1.5
26	3.3	-	3.0	3.1	3.1	1.2	2.6	1.7	-	1.1	1.4	2.9	3.6	4.0	0.0	0.0	0.0	3.1
27	5.9	-	3.2	3.1	2.4	1.2	1.7	-	-	0.2	3.4	4.4	5.0	10.3	0.0	1.7	0.0	1.4
28	7.9	-	1.6	2.6	2.4	0.7	1.2	2.2	-	0.0	2.0	3.5	4.7	3.7	0.6	0.2	0.7	-
29	3.5	-	2.8	3.1	1.7	1.2	1.0	2.2	-	2.4	3.0	3.5	7.0	4.0	0.2	0.1	0.0	-
30	7.6	-	3.3	2.4	3.1	1.2	1.9	2.6	-	1.0	2.2	5.3	8.2	7.2	8.1	0.0	1.4	3.8

LONG RANGE TRANSPORT OF AIR POLLUTANTS: FINAL DATA

SEPTEMBER 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	8.0	1.7	4.5	5.4	1.9	3.9	4.9	1.3	-	2.4	3.1	3.6	4.0	2.3	3.2	5.3	6.5	4.7
2	3.0	4.3	1.3	2.6	5.7	1.8	4.0	0.4	2.3	2.5	3.4	3.7	4.0	3.7	5.8	5.0	3.6	6.8
3	0.2	0.5	4.9	1.9	5.0	-	5.9	0.2	1.4	1.8	3.2	2.5	2.4	2.5	1.1	4.9	5.8	9.1
4	2.8	2.5	1.0	3.2	3.3	2.2	3.5	0.1	1.8	2.1	4.1	4.7	3.2	2.4	2.1	5.2	4.4	4.2
5	5.8	1.1	0.5	0.9	1.0	2.3	1.8	0.1	0.3	0.6	3.0	2.5	1.4	2.7	2.1	1.3	1.8	3.0
6	1.7	1.5	0.6	1.2	1.5	1.1	2.0	1.0	0.5	1.2	5.4	4.1	2.5	3.3	2.4	2.6	1.9	1.6
7	1.1	0.7	0.3	1.7	1.4	0.0	3.8	0.3	0.2	1.2	2.9	2.1	3.2	2.2	4.7	4.3	4.7	5.4
8	3.4	0.2	0.5	0.9	0.5	1.5	2.4	0.1	0.2	0.6	3.7	2.3	2.9	3.2	1.9	2.5	1.9	2.5
9	0.8	0.0	0.3	0.7	0.5	0.3	1.3	0.1	0.4	0.4	4.0	1.9	3.2	5.0	3.5	2.3	2.4	2.4
10	-	2.4	0.5	0.4	0.3	0.9	1.0	0.7	0.3	0.4	8.2	5.6	5.2	7.6	2.1	0.7	0.4	1.2
11	-	5.3	0.6	5.0	0.4	4.6	5.4	0.2	0.6	4.7	14.2	9.5	9.6	10.4	6.1	9.5	4.7	2.5
12	-	11.8	0.7	2.9	1.0	4.0	5.1	4.5	0.4	2.5	13.7	16.0	14.5	16.0	12.0	14.3	5.0	4.4
13	-	3.4	0.3	7.4	3.4	6.5	6.3	0.6	1.0	5.7	7.4	5.3	4.5	7.6	9.2	10.1	4.3	0.2
14	-	4.5	0.3	1.7	0.8	1.0	5.4	0.7	0.5	1.9	10.9	7.2	8.4	15.5	8.4	7.4	2.1	1.8
15	-	4.1	-	3.7	2.8	2.6	3.4	3.5	1.0	3.2	17.8	20.8	10.4	15.2	3.3	5.2	3.9	1.9
16	-	3.4	0.6	10.5	7.2	6.3	12.4	1.6	1.4	9.4	20.9	13.6	16.1	15.6	4.7	13.0	6.5	3.3
17	-	4.0	0.5	6.9	6.1	1.6	11.5	0.4	1.1	4.0	23.8	17.7	10.4	24.6	17.6	20.1	16.2	18.0
18	-	6.0	0.5	0.4	0.4	0.5	0.7	0.1	0.2	0.3	1.4	1.5	-	2.4	1.3	0.6	0.2	1.9
19	-	5.0	0.4	0.8	0.5	0.6	2.1	0.4	0.2	0.6	4.4	3.2	4.2	4.9	1.3	3.1	1.3	1.1
20	-	4.3	0.2	0.4	0.5	1.0	1.2	0.1	0.3	0.4	4.3	2.2	2.9	5.5	1.8	0.6	0.8	1.3
21	-	2.8	0.6	1.8	1.2	1.6	3.6	0.2	0.4	2.1	6.7	6.3	3.7	7.4	4.9	8.9	3.6	1.8
22	-	0.2	0.3	0.5	0.5	0.6	1.2	0.2	1.0	0.5	3.6	2.1	1.9	2.8	5.4	2.9	2.7	5.8
23	-	-	0.6	1.3	1.5	0.4	2.1	0.2	0.2	1.2	1.7	3.2	2.6	1.9	3.5	3.1	2.5	1.7
24	-	-	0.3	2.3	1.3	0.6	3.4	2.0	1.3	1.2	3.5	1.8	1.7	3.2	3.1	3.6	5.5	7.0
25	-	-	0.6	0.4	0.3	0.3	1.3	0.6	1.0	0.4	3.0	3.2	2.7	3.0	1.1	3.0	1.8	2.8
26	-	-	0.7	0.3	0.5	0.5	1.1	1.1	0.7	0.2	4.6	2.4	2.2	3.9	3.3	2.2	3.7	2.0
27	-	-	0.7	0.8	1.0	0.7	2.0	0.4	0.7	0.8	2.9	3.0	2.6	2.6	3.0	3.6	1.6	3.1
28	-	-	0.6	0.9	1.3	1.1	3.5	1.4	0.2	0.8	3.6	3.7	4.3	2.8	4.4	4.7	6.0	8.7
29	-	-	0.6	1.5	0.9	1.1	3.8	0.9	1.3	1.6	4.7	3.5	4.0	4.2	1.5	2.8	2.3	4.8
30	-	2.3	1.1	0.4	0.4	0.4	2.0	0.1	0.2	0.7	4.4	1.7	1.1	4.6	2.5	3.4	2.1	2.4

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 8	UK 9
1	4.3	5.6	10.6	3.9	0.2	1.5	2.0	1.0	0.2	3.0	3.0	3.0	1.0	3.0
2	6.5	4.0	10.3	3.9	0.7	3.2	1.8	1.5	1.7	3.0	3.0	4.0	1.0	2.0
3	3.6	4.1	8.1	8.1	1.8	2.5	3.7	3.2	2.7	1.0	3.0	2.0	1.0	2.0
4	4.0	3.6	3.9	0.1	0.2	4.8	4.7	5.5	2.5	2.0	1.0	1.0	1.0	5.0
5	2.8	1.8	6.8	0.1	0.5	2.5	2.1	2.0	1.5	2.0	1.0	2.0	1.0	2.0
6	0.5	2.0	4.3	1.9	0.6	1.9	3.3	1.8	0.5	1.0	1.0	2.0	1.0	2.0
7	0.8	2.2	7.0	2.5	0.2	1.3	2.2	1.5	0.8	1.0	2.0	1.0	1.0	1.0
8	3.4	1.4	2.8	3.7	0.1	1.5	1.4	2.1	1.0	1.0	1.0	2.0	1.0	2.0
9	0.0	0.7	3.8	1.1	0.4	2.2	1.2	1.3	0.8	3.0	1.0	2.0	1.0	2.0
10	0.1	0.0	1.7	0.4	0.2	1.3	1.2	1.3	0.2	5.0	2.0	2.0	1.0	5.0
11	0.0	3.5	4.8	0.6	0.2	0.8	0.4	0.7	0.4	14.0	7.0	4.0	6.0	9.0
12	0.0	0.7	11.1	1.2	0.1	2.0	0.7	0.9	0.5	1.0	12.3	1.0	2.0	7.0
13	0.1	0.1	8.0	1.3	0.1	0.9	0.6	0.5	0.4	6.0	1.0	1.0	1.0	3.0
14	0.7	1.7	1.7	1.6	0.2	1.0	0.2	1.5	1.0	3.0	3.0	2.0	3.0	7.0
15	2.8	3.5	1.7	2.7	0.1	1.5	1.1	1.1	0.7	5.0	4.0	2.0	3.0	3.0
16	6.0	8.8	2.8	3.9	0.0	1.1	1.6	1.6	1.1	12.0	2.0	2.0	1.0	10.0
17	4.9	12.6	11.2	6.7	0.6	3.3	1.5	3.4	1.3	5.0	1.0	2.0	1.0	4.0
18	0.3	0.0	5.9	6.7	0.4	0.7	2.5	4.1	2.5	5.0	1.0	1.0	1.0	6.0
19	0.0	1.1	1.3	0.6	0.4	1.3	0.5	1.1	0.4	5.0	1.0	1.0	1.0	7.0
20	0.1	0.0	2.3	0.3	0.4	0.6	0.6	0.7	0.1	4.0	1.0	2.0	3.0	4.0
21	1.0	2.2	1.5	2.4	0.8	5.7	0.4	0.9	0.3	2.0	1.0	2.0	1.0	2.0
22	2.5	1.6	6.9	2.4	0.6	3.2	1.9	3.7	1.2	1.0	1.0	2.0	1.0	2.0
23	0.5	0.8	5.2	1.7	0.5	2.0	1.8	0.8	0.8	2.0	2.0	1.0	1.0	2.0
24	4.3	4.3	6.7	3.7	2.0	3.6	2.0	2.6	0.7	2.0	1.0	1.0	1.0	2.0
25	3.9	2.9	1.2	7.2	-	7.6	2.2	3.1	1.3	4.0	2.0	1.0	1.0	5.0
26	1.0	2.7	3.0	2.3	-	1.3	3.5	3.1	1.4	2.0	1.0	1.0	2.0	2.0
27	1.2	0.6	6.1	2.1	-	1.2	0.8	0.7	1.1	5.0	2.0	1.0	1.0	4.0
28	3.0	1.9	7.3	2.8	-	3.2	1.3	3.6	1.3	2.0	1.0	1.0	1.0	3.0
29	1.6	2.8	4.0	3.3	-	4.6	2.8	4.2	2.0	6.0	1.0	2.0	1.0	4.0
30	0.0	1.6	8.8	2.5	-	1.8	1.7	2.7	1.8	5.0	2.0	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC 1
1	0	3	8	44	2	3	61	13	10	-	-	-	-	30	-	3	36	12
2	3	15	12	14	0	84	58	-	27	26	-	9	68	35	21	-	120	34
3	73	15	-	39	31	662	30	-	18	6	59	14	43	22	-	-	33	-
4	1	-	-	-	2	-	175	13	-	-	11	-	-	-	-	137	-	7
5	-	-	9	-	-	-	154	-	-	-	-	15	-	45	-	102	25	-
6	59	12	-	17	24	115	91	7	14	3	45	4	28	-	-	25	8	-
7	-	-	-	-	-	-	732	3	-	-	-	17	-	-	-	-	2	-
8	-	-	13	-	-	-	188	2	-	-	-	20	-	-	-	-	-	2
9	12	10	-	8	28	22	93	60	34	12	47	-	-	-	60	-	-	1
10	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	13
12	-	-	-	-	-	-	63	12	-	-	-	-	-	-	-	-	-	9
13	-	-	-	-	-	-	35	9	-	-	-	-	-	-	-	-	-	5
14	-	-	4	-	-	-	-	-	-	-	-	-	163	-	-	-	-	5
15	-	19	-	-	-	-	-	-	-	-	-	18	-	-	-	63	-	1
16	-	-	-	-	-	4	-	-	-	-	-	3	29	22	5	-	-	1
17	-	-	-	-	-	-	14	-	-	137	-	-	27	52	-	-	-	2
18	-	-	15	-	1	-	-	28	25	-	-	-	-	-	-	-	-	-
19	-	-	-	-	26	17	150	-	-	-	25	-	-	11	-	-	-	1
20	-	-	-	-	71	-	-	2	-	-	-	-	-	-	1	-	-	-
21	10	-	-	-	-	14	181	-	-	7	-	-	34	8	-	-	-	-
22	-	-	-	-	29	37	283	5	24	12	21	5	-	-	-	21	-	-
23	-	215	17	23	9	79	119	7	10	53	20	-	29	68	-	55	49	-
24	-	70	26	15	33	32	128	11	23	11	27	48	9	-	90	-	25	-
25	-	77	6	25	25	29	17	-	45	21	16	5	-	36	-	-	12	-
26	-	-	-	72	94	-	47	-	39	8	48	-	-	-	-	-	-	-
27	-	-	11	-	-	-	77	15	-	10	-	13	40	100	-	136	5	-
28	-	25	7	26	29	99	82	-	11	5	11	19	71	-	-	30	1	-
29	-	-	12	8	6	8	52	-	11	8	-	7	46	-	-	33	6	-
30	-	-	3	5	5	-	19	-	8	15	-	-	26	-	-	19	21	24

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 01	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	N 26
1	48	47	40	111	63	26	42	79	-	-	-	48	60	35	-	11	18	63
2	147	116	68	73	81	42	18	103	-	-	11	29	63	26	35	-	27	87
3	42	31	136	18	16	116	70	42	4	-	19	31	72	34	4	77	72	34
4	72	41	10	14	47	97	92	56	3	-	7	12	35	21	12	20	113	50
5	29	8	2	14	23	33	30	9	1	8	15	13	7	1	11	12	22	4
6	14	9	8	24	23	48	31	8	1	1	7	37	2	9	15	57	16	8
7	87	70	63	36	55	4	12	65	-	3	35	7	81	62	24	70	6	51
8	3	6	0	8	23	-	14	-	19	9	17	17	36	10	-	-	6	1
9	-	-	0	12	-	19	4	-	1	11	-	-	-	-	-	-	8	-
10	-	4	-	3	-	11	10	-	0	-	-	-	-	2	-	-	15	-
11	-	-	-	-	-	17	10	-	4	1	5	-	-	-	-	-	20	-
12	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
13	53	77	51	57	145	66	6	27	0	-	-	-	-	23	31	24	43	10
14	-	7	54	4	-	10	-	1	5	8	29	74	68	48	42	-	6	13
15	-	140	15	154	80	50	17	127	11	-	-	7	139	30	-	-	44	100
16	146	50	28	11	-	160	145	94	98	9	114	-	37	91	-	-	113	132
17	7	25	12	18	11	75	64	21	6	7	25	72	-	5	-	-	8	-
18	-	-	-	3	2	5	8	-	0	6	-	-	-	-	-	-	1	-
19	10	17	6	8	5	12	21	9	2	12	-	-	-	-	9	52	16	22
20	7	12	4	5	3	18	41	6	-	3	-	-	-	-	-	18	18	10
21	10	34	32	4	19	32	50	21	1	4	13	86	44	4	26	20	21	21
22	7	15	0	2	7	4	8	4	1	18	3	17	-	-	4	-	-	3
23	52	46	28	24	1	12	36	25	1	5	1	8	14	15	12	29	6	19
24	74	87	67	33	45	1	3	72	0	-	32	19	45	68	54	53	6	36
25	1	1	33	4	-	1	35	6	3	15	26	7	34	32	6	5	14	5
26	-	-	-	1	-	1	2	2	4	-	5	5	11	9	-	-	5	0
27	29	22	34	12	13	2	1	35	-	1	11	28	45	17	75	11	-	16
28	34	17	30	4	15	20	17	26	0	11	9	20	7	18	9	2	19	31
29	-	3	12	6	23	10	3	24	-	-	6	10	-	-	32	2	11	15
30	-	1	-	3	2	0	2	1	2	4	3	-	-	-	-	3	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS: FINAL DATA

SEPTEMBER 74

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	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	60	-	28	4	17	-	19	20	33	2	-	-
2	13	19	32	10	16	20	27	13	-	-	-	-
3	45	9	-	-	17	-	2	14	31	7	8	18
4	23	5	84	27	68	48	8	24	-	4	-	20
5	8	-	54	35	63	61	32	13	30	15	6	11
6	11	2	14	-	12	-	-	56	14	10	-	2
7	11	12	9	11	9	14	9	-	-	20	-	9
8	8	10	-	2	-	27	62	-	8	3	18	15
9	1	0	2	11	13	49	3	-	9	-	3	-
10	-	0	-	-	-	-	13	-	-	3	-	-
11	11	2	-	-	-	-	-	-	-	-	5	5
12	-	0	17	10	23	-	-	-	-	-	-	-
13	16	9	9	14	-	-	29	67	-	-	-	-
14	13	37	-	-	-	-	23	-	-	-	-	15
15	20	-	14	-	-	27	-	-	-	-	-	6
16	93	13	-	-	-	-	-	-	-	-	3	95
17	13	5	33	-	-	47	-	-	-	-	-	100
18	1	3	-	-	-	-	11	-	-	-	-	-
19	4	1	-	-	-	-	-	-	-	-	1	-
20	2	0	-	-	-	-	46	127	-	-	-	-
21	11	10	41	13	77	11	-	-	41	8	3	18
22	1	1	19	19	21	-	25	-	58	10	17	18
23	4	4	43	18	9	34	-	44	15	9	-	1
24	9	2	24	6	13	25	51	8	46	32	15	17
25	6	3	26	14	18	35	-	8	-	8	12	11
26	2	8	19	-	14	21	-	-	-	6	-	2
27	2	2	29	38	46	21	24	88	29	-	-	12
28	9	2	-	-	49	-	-	-	26	16	11	22
29	0	-	16	-	25	-	8	-	61	8	7	8
30	2	3	25	-	20	-	5	11	22	5	20	6

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	-	-	-	-	-	-	-	13	-	4
2	-	-	9	13	-	-	-	17	-	7
3	70	18	2	-	-	-	-	7	6	2
4	113	6	65	19	-	43	11	23	23	2
5	44	16	17	25	25	19	40	6	-	2
6	33	-	17	16	12	8	7	5	7	9
7	11	6	8	112	54	8	-	3	5	2
8	25	65	29	16	21	4	-	-	2	-
9	21	-	-	-	7	-	16	13	2	0
10	-	-	15	22	23	8	1	-	-	3
11	-	3	-	4	6	2	-	14	-	-
12	-	4	-	-	19	18	-	3	55	34
13	-	-	-	-	6	-	-	-	3	2
14	-	-	-	-	-	-	-	-	23	15
15	-	-	-	-	-	-	-	10	-	-
16	-	24	-	-	-	-	3	-	17	4
17	-	8	-	-	-	-	6	-	-	1
18	-	-	-	-	40	-	19	-	-	-
19	-	-	15	3	1	-	-	-	-	1
20	-	-	1	10	2	3	-	-	10	3
21	-	15	-	-	-	4	-	5	-	0
22	-	-	-	10	17	16	10	6	2	2
23	-	-	-	4	1	4	6	22	5	-
24	-	-	52	-	3	-	-	7	10	1
25	51	24	-	23	44	148	4	9	-	-
26	-	21	22	40	-	50	7	14	-	-
27	-	-	-	-	35	5	12	17	-	-
28	-	61	-	-	1	-	3	6	-	-
29	-	27	14	10	-	-	16	5	-	-
30	-	15	-	20	10	-	4	9	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 74

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01
1	-	*90	*98	NEG	NEG	*60	90	130	118	*13	-	499	453	-189	535	*36	-	-
2	NEG	*491	NEG	NEG	*3	*1200	164	-	210	253	-	182	114	*30	NEG	-	-	NEG
3	NEG	*752	-	*220	*1234	16995	46	-	293	23	436	62	462	-	-	-	-	NEG
4	NEG	-	-	-	NEG	-	318	74	-	-	93	197	293	311	513	-	NEG	NEG
5	-	-	NEG	-	-	-	365	-	-	-	-	44	NEG	285	342	60	70	NEG
6	NEG	NEG	-	*160	NEG	*4988	194	34	200	70	203	108	193	NEG	-	-	360	NEG
7	-	-	-	-	-	-	1175	*18	-	NFG	-	131	650	124	-	-	NEG	NEG
8	-	-	NEG	-	-	-	193	-	-	-	-	-105	214	65	175	125	5	455
9	*104	*556	-	*160	*1234	NEG	255	377	455	493	487	-69	-	479	*17	-	NEG	504
10	-	-	-	-	-	-	-	-	-	-	20	-128	-	-	NEG	13	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-62	-	-	-	-	-	-
12	-	-	-	-	-	-	154	35	-	-	-	281	-	-	*22	372	-202	-
13	-	-	-	-	-	-	232	29	-	-	-	1704	1404	645	-	160	-159	-
14	-	-	NEG	-	-	-	-	-	-	-	-	-	-	NFG	796	-	-	-
15	-	NFG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NEG
16	-	-	-	-	-	NEG	-	-	-	-	-	-	-	-	-	-	-	90
17	-	-	-	-	-	-	*23	-	-	554	-	-	224	-	-	*17	-	-
18	-	-	NEG	-	NEG	NEG	-	270	92	-	-	-	-	NFG	-	-	-	-
19	-	-	-	-	NEG	NEG	224	-	-	-	70	-	-48	173	-	-	-	-
20	-	-	-	-	*124	-	-	-	-	-	-	-	-	NEG	-	*7	32	-
21	*719	-	-	-	-	NEG	697	-	-	54	-	-	541	126	-	*6	-	NEG
22	-	-	-	-	NEG	*120	1036	*46	48	111	53	-	-9	353	*15	*45	NEG	NEG
23	-	NFG	NEG	NEG	NEG	*276	857	137	127	496	151	-	342	37	39	NFG	-	2790
24	-	NEG	NEG	NEG	*414	*311	207	57	131	75	274	-	255	NFG	226	NFG	-7	2240
25	-	*1220	NEG	NEG	*421	NEG	19	-	1500	273	122	-	NEG	NFG	350	-	27	270
26	-	-	-	NEG	*1798	-	129	-	354	116	481	-	NFG	-	-	-	106	-
27	-	-	NEG	-	-	-	358	86	-	96	-	-	1002	407	-	-31	-164	420
28	-	NEG	NEG	NEG	*323	*2965	151	-	183	52	240	-	128	-	68	-	*6	191
29	-	-	NEG	NEG	*114	*101	128	-	106	92	-	-	*71	NEG	-	NEG	626	644
30	-	-	NEG	NEG	NEG	-	66	-	83	176	-	-104	2	-	*17	-	-	-

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	F 02	F 03	F 04	F 05	F 06	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 18
1	-	NEG	-	149	NEG	*252	657	695	108	1042	1120	291	483	657	-	-	-	290
2	NEG	NEG	NEG	-	1536	*430	1868	2132	925	1124	1098	1251	315	1320	-	-	28	234
3	NEG	NEG	NEG	-	NEG	NEG	988	714	1820	274	375	3142	1645	804	NEG	-	124	366
4	-	-	-	7210	-	*107	2105	1215	2520	294	1332	2554	2310	A29	NEG	-	NEG	180
5	-	NEG	-	4500	240	-	751	295	145	160	620	805	708	162	*24	190	-286	94
6	NEG	-	NEG	60	NEG	-	323	152	176	554	743	920	582	130	14	25	64	546
7	-	-	-	-	NEG	-	1431	1659	1680	1090	871	702	535	1229	-	38	550	146
8	-	-	-	NEG	-	NEG	63	423	5	62	429	573	355	-	358	193	132	329
9	-	-	NEG	-	-	*301	-	NFG	3	41	-	43	NFG	-	-18	158	-	-
10	-	-	-	-	-	-	-	38	-	56	-	284	NEG	-	-21	-	-	-
11	-	-	-	NEG	-	*692	-	-	-	-	968	-96	-	-50	17	70	-	-
12	-	-	-	NEG	-	*130	-	-	-	-	-	-	-	-	18	-	-	-
13	-	-	-	-	-	NEG	905	1560	570	966	1920	1090	-	335	-66	-	-	-
14	1016	-	-	-	-	NEG	-	71	914	-	-	135	NFG	15	31	153	347	195
15	-	-	-	380	-	NEG	-	2236	270	2950	1548	770	134	1881	18	-	-	69
16	NEG	1498	41	-	-	*183	2299	970	370	198	-	3000	2617	1427	1322	203	2056	-
17	NEG	NEG	-	-	-	NEG	109	622	248	418	169	1663	1987	384	-112	34	280	499
18	-	-	-	-	-	-	-	-	-	31	-	48	191	-	-39	-29	-	-
19	-	NEG	-	-	-	*158	130	304	25	126	120	179	211	88	-97	-30	-	-
20	-	-	NEG	-	-	NEG	157	319	35	91	76	336	299	155	-	14	-	-
21	NEG	NEG	-	11	-	-	1550	800	912	63	491	744	1155	562	16	37	-128	744
22	-	-	-	NEG	-	-	153	144	117	4	9	119	15	23	-37	246	-41	258
23	NEG	532	-	1400	NEG	-	1096	1066	595	471	903	466	376	504	-59	35	14	97
24	NEG	-	NEG	-	780	-	1324	1798	1304	352	988	160	NEG	1763	-31	-	364	374
25	-	NEG	NEG	-	NEG	-	129	5	437	13	NEG	18	238	123	-8	334	276	210
26	-	-	NEG	-	-	-	-	-	-	-9	-	-63	45	6	68	-	29	95
27	NEG	NEG	-	2420	NEG	-	601	431	620	286	497	65	-	473	-	-	141	706
28	NEG	-	NEG	768	NEG	-	1087	360	635	230	414	657	527	588	-70	325	223	382
29	NEG	-	-	1120	NEG	-	-	86	350	256	595	346	NEG	435	-	-	188	183
30	NEG	-	-	480	NEG	NEG	-	7	-	38	-22	NEG	-220	3	-52	231	53	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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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	579	308	-	91	116	-	676	653	-	361	*18	133	-	44	-12	171	23	-
2	831	580	338	145	587	-	1542	252	461	201	363	143	126	180	194	-	-	-
3	1085	549	102	353	2128	-	595	1043	160	-	-	90	-	27	75	350	47	159
4	896	400	347	242	2005	-	1324	596	76	386	200	2350	190	35	304	-	45	-
5	121	35	322	237	552	-	109	177	-	396	506	1023	362	492	357	574	238	125
6	11	158	267	734	693	-	223	137	35	67	-	171	-	-	721	243	177	-
7	1184	843	484	807	216	-	1408	312	299	21	60	75	49	78	-	-	198	-8
8	533	192	-	NEG	151	-	-	210	272	-	*17	*152	11	192	-	245	40	384
9	-	-	-	-	27	-	-	NEG	3	19	201	198	585	29	-	66	-	3
10	-	-	-	-	326	NEG	-	-	-	-	-	-	-	42	-	-	32	-
11	-	-	-	-	446	-	-	219	32	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	43	430	505	*23	-	-	-	-	-9
13	-	267	535	95	782	-	165	239	206	*37	136	-	-	255	788	-	-	-
14	1147	765	791	-	NEG	-	272	232	816	-	-	-	-	255	-	-	-	-
15	2521	560	-	-	943	-	1660	382	-	NFG	-	-	297	-	-	-	-	-
16	1774	1696	-	-	2244	-	2182	1961	229	-	-	-	-	-	-	-	-	26
17	-	144	-	-	150	-	-	304	96	206	-	-	743	-	-	-	-	-
18	-	-	-	-	40	-	-	8	92	-	-	-	-	10	-	-	-	-
19	-	-	43	146	358	NEG	NEG	42	22	-	-	-	-	-	-	-	-	22
20	-	-	-	75	348	-	126	NFG	11	-	-	-	-	40	2206	-	13	-
21	2991	116	497	16	472	-	552	117	188	304	221	1219	39	-	-	683	57	68
22	-	-	70	-	186	-	66	-24	28	216	302	467	-	165	-	1276	157	403
23	223	111	196	186	206	-	532	194	93	316	218	105	203	-	547	179	108	-
24	717	1238	314	443	207	-	1113	116	47	228	101	221	365	245	669	399	470	226
25	733	539	6	13	459	NEG	231	393	78	369	302	548	440	-	150	-	98	230
26	158	170	-	-	87	NEG	13	NFG	202	188	-	429	186	-	-	-	88	-
27	800	429	1100	480	-	NEG	434	18	47	808	924	2022	252	102	266	297	-	-
28	146	479	99	81	783	NEG	745	215	62	*55	-	2318	-	-	-	264	240	228
29	-	-	508	28	339	NEG	413	-	-	175	*32	691	*35	75	-	942	109	177
30	-	-	-	-26	-	-	-	8	95	300	-	696	-	43	-29	300	62	446

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	UK12
1	-	-	-	-	-	-	-	-	*473	NFG	*111
2	-	-	-	-	-78	-	-	-	*560	NFG	*189
3	-220	310	241	-	-	-	-	-	*152	NFG	*48
4	36	821	30	1092	-89	-	288	183	*595	NFG	*32
5	147	403	81	318	681	-3	472	557	*212	NFG	*28
6	-139	235	-	367	228	-	112	55	*35	NFG	*243
7	-13	101	66	147	1723	99	158	-	*22	NFG	*16
8	65	200	801	456	371	168	-	-	-	NFG	-
9	-	263	-	-	-	63	-	517	*66	NFG	*31
10	-	-	-	286	439	464	188	53	-	-	*44
11	-78	-	-7	-	120	-	59	-	*206	-	-
12	-	-	60	-	-	-1490	433	-	-	NFG	*998
13	-	-	-	-	-	-317	-	-	-	NFG	*50
14	-119	-	-	-	-	-	-	-	-	*278	*644
15	53	-	-	-	-	-	-	-	*23	-	*8
16	1555	-	151	-	-	-	-	70	-	*266	*92
17	1995	-	81	-	-	-	-	115	*3	-	NEG
18	-	-	-	-	-	404	-	324	-	-	NEG
19	-1	-	2	51	NEG	-	-	-	-	NFG	NEG
20	-	-	-	-22	186	-46	138	-	-	*677	NEG
21	407	-	221	-	-	-	-	-	*18	NFG	NEG
22	405	-	-	-	-	-94	284	238	*42	*156	*24
23	-103	-	-	-	-	-	-	-	*281	*106	-
24	243	-	-	660	-	58	-	-	*67	*326	*50
25	222	151	285	-	475	595	3162	71	*93	-	-
26	-9	-	243	461	747	-	753	234	*201	-	-
27	72	-	-	-	-	216	60	-	*752	-	-
28	528	-	798	-	-	-	-	94	*95	-	-
29	159	-	122	518	-	-	-	117	*174	-	-
30	64	-	84	-	286	148	-	67	*150	-	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - OCTOBER 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	EINSIEDELM	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	BROTJACKLWIEGEL	PA	48 49 N	13 13 E	1016
13	DK 1	FÆRØERNE	P	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	KELOSNOR	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 BARP	PA	44 25 N	0 54 W	48
21	F 03	LA CROUZILLE	PA	46 00 N	1 22 E	460
22	F 04	GRENORLE	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	RJUPNAHØJ	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	SKREDALEN	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	TAGMYRA	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	GRIMELTØ	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	HUMMELFJELL	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	WITTEVEN	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	SJØANGEN	PA	58 46 N	14 18 E	127
54	S 04	RYDA KUNSSGARD	PA	59 46 N	17 08 E	25
55	S 05	BREDKALEN	PA	63 51 N	15 20 E	404
56	S 07	RØRBACKSNAS	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	JOKTOINEN	PA	60 49 N	23 30 E	106
61	SF 3	PUUMALA	PA	61 34 N	28 04 E	122
62	SF 4	AHTARI	PA	62 33 N	24 13 E	162
63	SF 5	SODANKYLA	PA	67 22 N	26 39 E	180
64	UK 1	COTTERED	PA	51 56 N	0 05 W	125
65	UK 2	ESKDALEMJIR	PA	55 19 N	3 12 W	243
66	UK 7	STOPNOWAY	A	58 13 N	6 20 W	4
67	UK 8	DEAN MOOR	A	54 36 N	3 28 W	200
68	UK 9	KIRKBY UNDERWOOD	A	52 51 N	0 26 W	80
69	UK11	LITTLE HORRESLEY	A	51 57 N	0 52 W	60
70	UK12	PITLOCHRY	P	56 43 N	3 46 W	95

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

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

DATE	A 02	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6
1	-	38.1	0.2	0.5	2.1	0.8	4.0	12.3	-	2.4	0.3	0.7	11.0	-	-	-	-	-
2	4.5	4.4	4.3	10.7	9.1	2.5	-	5.2	-	6.9	0.4	-	-	11.3	10.9	10.7	-	4.2
3	-	-	10.6	-	28.0	12.2	8.0	12.5	-	17.5	0.4	9.8	-	-	3.9	0.9	1.1	-
4	-	6.7	-	-	-	-	-	-	1.4	-	-	-	-	10.1	-	-	0.3	-
5	-	5.7	-	1.1	1.0	3.3	-	13.0	1.4	5.7	0.3	1.1	-	4.8	5.7	-	5.2	7.9
6	-	-	-	10.5	-	3.5	-	0.5	-	4.0	3.9	0.5	1.9	2.3	0.7	3.7	1.7	3.5
7	-	3.5	15.0	3.3	10.6	3.5	43.0	3.3	3.9	13.4	13.1	2.5	2.2	-	-	-	0.4	-
8	8.4	7.1	6.2	5.3	4.5	7.1	-	12.5	-	21.1	24.9	-	1.0	-	0.7	5.9	2.0	1.9
9	3.8	10.6	13.0	-	7.0	7.1	-	1.3	3.4	23.8	0.6	8.1	0.3	3.1	2.4	6.9	4.6	3.9
10	-	0.8	0.6	3.4	-	1.3	4.4	-	-	-	0.2	2.9	1.3	3.7	1.0	6.1	2.4	1.3
11	-	1.6	5.7	-	4.5	9.5	24.0	3.9	-	1.3	1.4	-	0.3	1.9	4.5	-	0.4	3.9
12	15.7	1.6	1.4	-	-	1.6	5.0	3.4	4.5	0.1	1.0	-	10.3	1.0	3.9	-	2.3	1.9
13	-	0.6	-	4.8	-	0.2	-	-	-	5.0	6.0	-	31.6	1.1	0.1	13.6	1.1	6.5
14	-	3.2	-	2.3	3.3	12.2	-	-	1.4	7.5	0.3	2.9	17.4	-	0.1	-	-	1.1
15	8.7	18.9	-	30.0	-	15.2	-	-	0.3	0.1	0.9	-	8.6	-	-	-	-	0.3
16	-	8.4	-	33.0	3.0	0.4	-	3.7	2.1	1.2	-	11.9	2.5	0.8	-	-	-	0.2
17	-	6.6	-	0.9	4.2	9.8	-	-	-	14.9	-	-	13.9	3.7	1.7	-	-	-
18	-	-	-	11.6	-	-	-	10.6	-	1.6	5.5	-	13.1	6.5	1.6	0.3	2.1	1.0
19	-	8.8	-	8.4	28.0	33.2	14.2	22.4	1.8	48.4	16.8	12.6	5.0	9.7	3.6	-	2.7	7.4
20	17.1	26.0	-	3.0	4.0	17.7	6.0	-	-	25.9	3.3	2.4	-	1.5	0.1	3.5	-	11.9
21	10.8	18.6	2.2	-	1.9	17.1	-	-	4.2	13.0	1.4	9.1	0.4	4.6	0.7	3.3	1.5	7.1
22	-	16.0	-	12.7	-	2.6	-	11.2	25.7	19.3	22.0	20.2	0.3	9.9	10.8	11.9	10.4	3.9
23	-	14.5	2.8	0.7	6.9	18.5	-	-	5.6	16.5	3.0	19.1	15.7	-	-	0.3	0.7	6.1
24	-	5.5	-	1.6	1.9	3.6	-	2.7	0.2	4.5	0.5	7.0	1.2	2.7	2.9	-	0.4	0.7
25	0.9	-	-	3.2	-	0.3	-	5.3	15.2	3.9	2.5	4.4	2.7	-	-	-	1.3	3.2
26	0.5	14.1	0.2	5.9	2.0	11.7	-	5.6	4.6	18.2	4.1	8.0	33.1	2.9	1.4	4.5	1.4	4.5
27	1.7	8.4	30.0	12.7	8.0	14.2	-	19.6	2.7	13.9	4.7	13.2	40.8	8.4	1.9	1.7	1.6	7.4
28	-	19.9	38.0	8.3	17.0	19.1	-	-	2.5	22.5	3.3	7.3	-	2.7	-	3.3	3.2	2.8
29	-	16.7	24.0	-	6.7	25.8	-	-	1.0	25.3	3.3	7.4	14.4	1.4	2.4	-	0.1	3.6
30	-	-	-	-	-	14.3	-	-	4.7	8.8	4.1	3.5	12.3	8.3	0.2	0.3	1.7	6.5
31	-	5.1	16.0	1.4	-	3.3	-	-	2.9	6.3	-	1.4	13.4	0.8	0.6	5.6	1.9	21.0

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

DATE	F 01	F 02	F 03	F 05	F 06	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 18
1	2.7	4.0	-	2.6	-	0.5	8.0	11.7	2.8	4.6	18.1	3.1	-	10.1	-	0.6	-	4.1
2	5.2	-	17.0	12.0	14.4	-	5.7	4.4	4.7	3.2	15.5	-	-	3.1	-	-	-	14.1
3	2.0	-	-	-	4.2	1.0	10.5	6.1	0.8	-	2.5	-	-	5.6	-	-	-	1.0
4	1.3	-	-	-	-	-	5.4	7.0	23.5	5.6	5.5	8.7	10.2	9.8	-	-	5.4	-
5	-	-	-	1.8	-	0.4	-	-	3.7	2.1	6.0	-	0.9	1.8	-	-	-	3.8
6	8.0	8.4	-	-	10.2	-	3.6	2.4	1.6	8.1	2.2	2.0	1.5	2.9	-	-	14.5	8.9
7	3.0	-	-	11.5	20.0	-	5.5	6.5	10.7	0.7	6.0	-	1.1	1.1	-	-	-	-
8	4.4	6.8	-	-	15.6	-	2.3	-	0.9	-	-	-	-	0.3	-	-	0.9	-
9	1.0	-	-	-	3.0	-	0.2	-	1.0	-	-	-	-	1.0	-	2.7	-	-
10	2.0	4.8	-	-	1.8	0.3	-	-	-	-	-	-	-	-	-	3.2	-	-
11	0.7	-	-	-	-	7.1	-	-	0.7	-	-	-	-	-	1.3	0.2	0.7	9.2
12	1.0	-	-	-	-	7.4	-	-	3.6	-	-	-	-	0.8	-	0.0	-	2.9
13	-	-	-	-	1.4	7.2	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	12.4	-	-	-	-	-	0.7	0.3	-	8.0	3.8	0.9	-
15	-	-	-	-	-	7.6	-	1.3	1.8	0.4	-	-	1.5	0.3	1.1	1.2	-	-
16	0.2	-	-	3.8	8.0	11.5	1.2	0.6	3.0	0.1	1.0	-	0.9	1.8	1.2	0.7	-	-
17	0.4	6.0	-	-	0.2	3.9	7.3	7.0	8.0	0.1	10.5	2.5	0.3	4.8	-	0.3	0.8	-
18	8.5	8.8	66.2	14.0	15.6	4.4	36.6	29.0	15.2	23.6	15.9	16.0	13.6	15.0	-	-	0.9	-
19	14.1	28.0	-	10.0	23.0	1.1	68.1	57.9	54.1	25.5	27.5	16.1	18.1	77.9	-	-	3.8	8.3
20	8.0	14.0	-	4.6	12.0	-	2.2	10.8	8.1	-	0.4	6.9	-	12.1	-	0.0	-	8.7
21	-	18.4	-	-	-	-	3.1	1.5	7.0	-	-	-	-	7.1	-	-	2.0	2.9
22	5.7	-	-	-	8.2	18.8	10.8	6.7	26.4	5.6	8.3	4.6	2.7	3.5	-	-	-	13.9
23	7.2	-	-	-	5.6	5.3	-	-	-	0.3	-	-	0.4	-	-	-	-	-
24	-	2.8	-	-	-	-	-	-	-	4.8	1.6	16.0	4.8	-	19.9	6.5	-	-
25	-	2.0	42.1	-	-	10.8	-	-	-	0.3	-	3.6	1.5	-	11.8	3.8	-	-
26	0.6	-	-	-	3.6	2.8	0.2	-	0.7	3.1	1.3	8.7	2.7	-	4.6	-	0.9	-
27	1.6	5.6	-	-	9.0	-	-	-	1.2	3.8	0.4	0.3	8.1	-	-	-	4.2	8.9
28	1.5	17.2	-	-	-	5.6	-	-	-	-	-	-	-	-	-	-	-	2.2
29	0.7	10.2	-	-	5.8	6.7	-	-	-	-	-	-	-	-	-	-	-	-
30	3.0	12.4	-	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	0.7
31	0.5	-	-	-	7.6	2.6	1.7	-	1.1	-	-	-	-	1.4	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

OCTOBER 74

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

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	-	-	-	0.3	-	2.3	-	3.0	0.4	6.6	7.1	0.1	-	-	-	-	0.9	2.1
2	15.0	1.8	8.9	4.3	-	8.1	-	-	0.1	-	0.1	0.6	11.0	12.7	19.6	22.0	1.0	3.1
3	-	-	3.8	9.5	-	2.7	0.4	-	5.3	7.7	9.1	0.1	1.5	0.8	-	0.1	3.8	1.1
4	-	1.1	-	12.6	3.2	21.3	3.4	3.0	1.4	3.5	3.6	2.5	1.5	9.5	-	15.5	3.9	1.0
5	-	6.4	20.1	2.5	-	3.0	-	-	3.5	1.4	5.5	4.0	24.0	-	4.7	3.0	3.8	0.4
6	11.8	5.2	1.6	10.8	-	1.9	-	-	8.4	3.5	9.8	6.9	3.0	-	8.4	8.5	2.8	9.5
7	5.3	3.2	13.0	5.0	-	2.4	0.2	-	5.0	5.8	1.3	3.3	-	-	-	-	7.9	-
8	-	3.8	3.0	0.9	-	-	-	-	0.2	1.0	0.1	2.4	40.0	-	-	-	9.0	-
9	-	-	-	-	-	0.3	-	-	2.6	6.2	3.3	2.7	21.0	3.6	6.2	11.7	1.0	-
10	-	-	0.3	-	-	-	-	-	0.1	-	5.0	0.9	6.0	1.7	4.1	0.6	6.6	0.9
11	5.5	1.3	10.5	1.0	-	1.0	-	-	0.6	0.3	2.8	0.2	8.0	2.3	6.9	1.0	3.0	-
12	-	-	0.5	1.6	-	2.9	-	-	2.9	1.9	10.3	0.8	8.0	-	0.3	-	-	-
13	-	-	-	-	-	-	-	-	0.5	0.1	1.6	4.8	1.5	-	-	-	-	-
14	-	-	-	-	6.0	-	0.8	3.9	0.3	0.5	0.1	0.6	-	-	-	-	0.5	-
15	-	-	-	-	0.3	-	-	2.0	-	0.1	0.2	0.1	-	-	-	-	-	-
16	-	4.5	-	1.5	-	3.9	3.1	0.5	0.5	0.2	3.0	0.8	-	-	-	0.5	1.4	-
17	-	5.9	1.6	3.4	1.3	4.5	1.8	1.0	0.2	0.2	0.2	0.1	-	-	0.8	0.1	1.4	0.7
18	3.2	16.2	-	1.3	1.3	21.8	1.3	-	11.8	11.7	12.2	8.3	3.0	9.8	-	-	-	-
19	8.0	15.0	13.7	37.4	0.8	35.0	2.5	-	0.4	1.6	8.7	1.7	7.0	-	8.6	8.5	-	-
20	10.7	10.5	-	1.5	-	6.5	-	0.4	1.7	0.2	7.5	1.4	1.0	-	4.2	8.1	-	4.1
21	8.4	2.2	7.1	8.1	-	6.3	-	-	0.4	2.9	1.4	5.8	21.0	2.6	6.2	12.7	-	-
22	14.8	7.4	15.1	15.0	-	11.0	3.9	1.0	19.7	19.7	11.8	23.4	25.0	4.6	5.1	3.4	-	2.1
23	-	1.2	-	-	-	-	-	-	0.1	0.1	0.9	0.5	2.0	0.3	-	-	-	-
24	-	-	-	-	6.3	-	4.3	2.0	0.9	0.5	0.5	0.2	2.0	-	-	1.1	4.8	-
25	-	-	-	-	7.0	-	-	0.4	4.2	7.7	4.4	3.9	5.0	-	-	-	2.5	-
26	-	2.7	-	-	7.5	-	1.2	2.5	2.7	2.2	1.3	2.3	5.0	3.7	-	-	-	0.7
27	-	4.8	4.5	0.5	4.8	-	-	1.0	18.9	16.4	6.5	0.7	12.0	1.8	14.8	0.8	-	2.3
28	-	-	-	-	-	-	-	-	12.0	7.0	9.2	11.1	2.0	-	3.8	4.8	3.8	1.7
29	-	-	-	-	-	-	-	0.5	0.2	0.7	10.9	0.5	2.0	-	-	0.7	0.5	-
30	-	-	0.8	-	-	-	-	-	0.3	0.2	14.7	2.8	3.0	-	-	2.2	0.8	-
31	8.2	-	0.9	1.3	-	-	-	-	0.3	3.6	2.8	0.1	26.0	0.4	5.8	15.0	-	0.7

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

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	9.8	-	4.4	10.9	10.2	8.7	0.8	0.4	1.4	2.2
2	13.8	3.4	11.3	1.0	-	0.2	5.7	15.2	1.5	-
3	-	10.5	-	-	1.5	5.4	7.9	9.4	-	-
4	-	13.6	14.8	8.7	4.0	6.4	-	7.4	-	-
5	6.6	-	1.9	4.3	7.2	6.0	2.3	-	-	1.7
6	1.5	2.0	7.5	-	0.1	-	0.4	9.9	1.8	3.0
7	2.3	1.0	-	-	7.0	-	1.4	12.8	-	-
8	2.3	-	-	-	-	-	-	0.4	-	-
9	18.9	-	24.4	7.9	7.3	4.2	-	-	0.7	-
10	2.0	5.6	4.5	8.4	11.7	12.2	-	1.5	-	0.3
11	0.7	5.6	2.2	3.4	7.5	4.0	3.9	-	-	-
12	3.6	-	0.2	-	4.8	-	-	-	-	-
13	5.2	-	0.8	-	-	-	0.1	-	-	0.8
14	1.0	-	-	-	-	-	-	-	-	-
15	-	-	0.1	-	-	-	-	15.2	-	0.8
16	-	-	-	-	-	-	0.1	5.0	1.2	4.0
17	0.8	2.3	-	-	-	-	-	-	6.3	1.1
18	1.5	5.4	-	-	0.1	-	0.1	13.0	4.5	0.7
19	4.8	-	0.3	0.2	2.3	-	-	1.1	-	-
20	1.6	0.7	20.2	2.0	13.8	-	-	-	-	0.8
21	6.1	14.4	6.8	1.1	7.0	0.6	0.1	1.4	-	-
22	4.7	-	2.0	1.1	9.7	1.2	-	-	-	-
23	4.7	-	-	1.7	7.7	3.5	-	-	-	-
24	2.7	2.9	1.4	0.5	2.6	-	0.8	-	-	-
25	-	-	-	6.9	4.4	1.5	1.5	-	-	0.4
26	-	5.6	1.8	0.7	3.6	9.8	1.2	-	0.5	1.1
27	4.2	-	4.1	2.9	6.1	1.2	0.9	0.3	-	4.1
28	3.2	6.5	2.5	2.2	2.7	1.7	0.1	1.1	-	0.9
29	1.0	9.2	5.3	-	3.0	0.9	0.4	0.9	-	-
30	6.2	3.2	6.1	1.4	6.8	3.2	-	1.5	2.5	6.0
31	17.7	-	14.1	1.8	3.2	0.2	0.1	-	1.0	1.1

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	DK 2	DK 3	DK 4	DK 5	DK 6	F 01	F 02	F 03	F 05	F 06	IC 1	N 03	N 05	N 06	N 07	N 08
1	-	-	-	-	-	2.7	4.0	-	2.6	-	1.0	12.0	2.7	3.6	17.9	3.5
2	7.9	11.3	5.1	-	6.1	5.2	-	17.0	12.0	14.4	0.1	4.5	4.2	5.3	15.5	-
3	9.3	4.1	-	1.8	-	2.0	-	-	-	4.2	2.7	6.5	8.4	-	3.0	-
4	9.4	-	-	-	-	1.3	-	-	-	-	-	7.0	22.5	5.4	6.0	8.5
5	6.1	5.4	-	7.4	7.4	-	-	-	1.8	-	0.8	-	3.4	1.9	6.2	-
6	2.8	0.8	3.3	2.3	7.8	8.0	8.4	-	-	10.2	-	2.5	1.7	8.9	2.5	2.1
7	-	-	-	0.7	-	3.0	-	-	11.5	20.0	-	6.5	10.5	1.1	6.3	-
8	-	0.7	4.2	2.2	6.3	4.4	6.8	-	-	16.5	-	-	0.7	-	0.2	-
9	1.7	2.7	5.5	5.3	6.2	1.0	-	-	-	3.0	1.2	-	1.0	-	-	-
10	4.7	1.3	6.2	1.8	0.7	2.0	4.8	-	-	1.8	0.7	-	0.2	-	-	-
11	3.2	4.5	1.1	0.2	6.6	0.7	-	-	-	-	7.3	-	0.7	-	-	-
12	2.1	4.0	-	2.8	13.1	1.0	-	-	-	-	10.3	-	3.5	-	-	-
13	-	0.2	-	1.4	7.2	-	-	-	-	1.4	9.5	-	-	-	-	-
14	-	-	-	-	1.7	-	-	-	-	-	12.8	-	-	-	-	0.9
15	-	0.1	-	-	-	-	-	-	-	-	9.5	0.6	2.1	0.3	-	-
16	-	-	-	-	-	0.2	-	-	3.8	8.0	11.3	0.3	3.1	0.2	3.0	-
17	4.2	2.0	-	-	-	0.4	6.0	-	-	0.2	4.5	10.0	8.3	0.2	11.5	3.0
18	2.9	2.0	0.1	2.2	6.6	8.5	8.8	66.2	14.0	16.6	5.0	28.8	14.8	19.2	16.5	16.1
19	14.3	4.0	-	5.1	3.3	14.1	28.0	-	10.0	23.0	15.0	58.0	55.0	29.1	27.5	15.5
20	0.1	0.1	2.5	-	13.2	8.0	14.0	-	4.6	12.0	-	7.1	7.6	-	0.7	6.7
21	3.2	1.0	1.5	0.5	14.3	-	12.4	-	-	-	-	1.0	6.0	-	-	-
22	8.3	11.6	9.5	10.3	5.0	5.7	-	-	-	8.2	22.2	6.4	22.6	6.5	8.1	4.2
23	0.1	0.1	-	0.3	3.5	7.2	-	-	-	6.6	6.6	-	-	0.6	-	-
24	3.3	3.1	-	0.2	4.9	-	2.8	-	-	-	0.1	-	-	4.4	2.2	15.4
25	-	0.1	-	-	-	-	2.0	42.1	-	-	13.2	-	-	1.2	-	3.6
26	2.4	1.6	0.1	2.2	7.3	0.6	-	-	-	3.6	3.8	-	0.6	3.3	1.5	8.2
27	8.9	2.1	-	1.8	9.6	1.6	5.6	-	-	9.0	-	-	0.8	3.9	0.6	0.3
28	1.1	0.1	4.0	3.2	1.3	1.5	17.2	-	-	-	7.1	-	-	-	-	-
29	5.0	2.6	-	0.1	8.9	0.7	10.2	-	-	5.8	8.5	-	-	-	-	-
30	4.3	0.3	0.5	1.4	11.7	3.0	12.4	-	-	-	2.0	-	-	-	-	-
31	1.7	0.8	7.5	1.8	12.6	0.5	-	-	-	7.6	2.8	-	1.0	-	0.2	-

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 09	N 10	N 14	N 15	N 16	N 20	N 23	N 24	N 28	NL 1	NL 2	NL 3	NL 4	S 03	S 07	S 08
1	1.4	9.2	-	1.3	-	-	0.2	-	3.0	0.4	6.4	6.9	0.1	-	2.1	9.8
2	0.5	3.5	-	-	-	2.1	3.2	-	-	0.1	-	-	0.1	10.6	3.1	13.8
3	-	6.5	-	0.1	-	-	10.7	-	-	5.6	8.1	9.9	-	-	1.1	-
4	9.6	9.6	-	-	6.0	1.5	13.5	3.9	3.0	1.4	3.7	3.7	0.2	-	1.0	-
5	1.0	2.0	-	0.1	-	6.5	2.5	-	-	3.8	1.5	6.4	4.4	4.7	0.4	6.6
6	2.3	3.1	-	-	15.6	5.6	3.8	-	-	8.3	3.6	10.2	7.9	8.4	9.5	1.5
7	1.2	1.4	-	-	-	3.0	19.0	-	-	4.9	5.8	1.3	3.3	-	-	2.3
8	-	0.6	0.1	-	0.9	4.1	0.6	-	-	-	1.1	-	2.1	-	-	2.3
9	-	0.9	0.1	3.2	-	-	-	-	-	2.6	5.9	5.2	2.8	6.2	-	18.9
10	-	-	0.1	3.7	-	-	-	-	-	0.1	0.2	4.9	0.9	4.1	0.9	2.0
11	-	0.1	1.5	0.5	0.8	1.5	0.8	-	-	0.3	0.2	3.0	-	6.9	-	0.7
12	-	1.0	0.1	0.1	-	-	1.5	-	-	2.9	1.9	10.6	0.8	-	-	3.6
13	-	-	-	-	-	-	-	-	-	0.5	0.1	1.3	5.0	-	-	5.2
14	0.5	-	8.4	3.6	1.0	-	-	7.0	3.9	0.3	0.3	-	0.5	-	-	1.0
15	1.4	0.2	1.2	1.5	-	-	-	0.2	2.0	-	-	0.3	-	-	-	-
16	1.1	1.5	1.4	0.9	-	4.9	1.2	-	0.5	0.4	-	0.1	0.9	-	-	-
17	0.6	5.0	-	0.4	0.8	6.5	3.8	2.5	1.0	-	0.1	-	-	0.8	0.7	0.8
18	28.3	15.2	-	-	0.9	15.0	1.3	2.0	-	13.8	12.1	15.6	10.2	-	-	1.5
19	22.0	77.2	-	-	4.2	18.4	35.8	0.9	-	0.3	1.4	8.5	1.7	8.6	-	4.8
20	-	9.9	-	0.1	-	12.2	1.3	-	0.4	1.7	0.1	6.9	1.3	4.2	4.1	1.6
21	-	5.1	-	-	2.0	1.1	7.4	-	-	0.5	3.0	1.4	6.0	6.2	-	6.1
22	3.0	2.4	-	-	-	6.8	12.5	-	1.0	21.5	15.6	13.7	23.4	5.1	2.1	4.7
23	0.5	-	-	-	-	1.0	-	-	-	-	0.1	1.6	0.3	-	-	4.7
24	15.5	-	20.4	7.5	-	-	-	7.0	2.0	1.1	0.4	0.3	0.4	-	-	2.7
25	4.5	-	12.5	4.0	-	-	-	6.0	0.4	4.6	7.9	5.3	4.0	-	-	-
26	3.1	-	5.4	-	1.1	2.2	-	8.0	2.5	3.5	2.1	1.9	2.7	-	0.7	-
27	7.2	-	-	-	4.7	4.2	0.8	5.0	1.0	24.5	16.9	9.7	1.1	14.8	2.3	4.2
28	-	-	-	-	-	-	-	-	-	10.5	6.8	9.5	10.7	3.8	1.7	3.2
29	-	-	-	-	-	-	-	-	0.5	0.2	0.6	11.6	0.1	-	-	1.0
30	-	-	-	-	-	-	-	-	-	0.5	-	14.9	2.6	-	-	6.2
31	-	0.5	-	-	-	-	1.0	-	-	0.1	3.2	0.1	0.3	5.8	0.7	17.7

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	SF 1	SF 2	SF 3	SF 4	SF 5	UK 2
1	4.1	10.1	9.7	8.5	1.3	3.9
2	11.6	1.0	-	0.5	5.4	3.7
3	0.2	-	1.7	5.5	8.6	0.3
4	11.2	8.5	4.9	6.5	0.3	-
5	2.0	4.1	8.5	6.1	2.6	-
6	7.5	-	0.2	0.4	0.6	6.2
7	-	-	6.7	-	1.0	1.5
8	-	-	-	-	-	-
9	25.4	7.9	7.4	4.1	-	0.9
10	4.4	8.1	11.6	9.8	-	0.7
11	2.3	3.5	7.6	4.0	4.0	-
12	0.4	-	5.0	-	-	-
13	1.1	-	-	-	-	1.5
14	-	-	-	-	0.1	0.6
15	0.1	-	-	-	-	1.1
16	-	-	-	-	0.2	3.2
17	-	-	-	-	-	8.8
18	-	-	0.4	-	0.1	7.2
19	0.5	0.2	1.8	-	-	0.3
20	19.3	1.9	13.4	-	-	-
21	6.8	1.3	6.2	0.7	0.2	-
22	2.2	1.3	8.9	1.6	-	-
23	0.3	1.8	7.3	3.3	-	-
24	1.4	0.6	2.4	0.2	0.5	0.2
25	0.2	6.4	4.1	1.6	1.7	-
26	1.8	0.6	3.5	9.3	0.7	1.4
27	3.9	2.7	6.2	1.2	1.7	0.9
28	2.6	2.2	2.7	1.9	0.2	-
29	5.2	-	2.9	1.2	0.6	-
30	6.6	1.3	7.0	3.1	0.1	2.9
31	15.3	1.7	3.0	0.5	0.1	1.8

CONCENTRATION OF SODIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	IC 1	NL 1	NL 2	NL 3	NL 4	S 02	S 08
1	4.0	-	-	-	-	-	19.0	-	1.1	4.7	0.9	-	0.7
2	-	12.6	0.8	6.0	-	0.9	-	-	-	-	-	2.5	0.7
3	-	-	0.3	4.1	2.2	-	14.0	0.9	0.3	2.7	-	1.8	-
4	-	9.5	-	-	0.0	-	-	-	0.6	2.4	-	2.3	-
5	-	4.1	1.3	-	0.6	3.5	170.0	7.3	2.1	14.7	2.5	2.3	1.6
6	12.8	2.0	0.4	3.5	0.8	1.3	-	0.9	1.8	2.4	0.3	2.3	4.4
7	6.7	-	-	-	4.2	-	-	0.7	0.2	2.5	0.4	-	2.8
8	6.8	-	3.4	10.6	1.1	1.0	-	-	0.3	-	0.5	-	-
9	6.1	18.4	0.8	15.4	0.2	0.9	-	0.8	1.0	0.1	1.3	4.5	-
10	7.1	18.0	2.9	12.0	0.6	1.3	14.0	-	-	0.8	1.9	3.1	-
11	3.9	11.3	0.8	-	0.1	1.3	0.7	-	-	3.2	-	31.2	0.5
12	2.3	14.6	0.4	-	0.4	0.6	0.2	1.4	2.1	3.5	3.0	31.2	1.1
13	0.4	14.4	-	3.5	0.2	0.2	4.0	-	-	4.7	0.3	31.2	0.5
14	0.4	-	-	-	-	1.2	6.1	-	-	-	-	-	0.8
15	5.6	-	-	-	-	-	2.3	-	-	-	-	-	-
16	5.3	8.2	-	-	-	-	3.8	-	-	0.1	0.5	-	-
17	4.6	1.0	7.6	-	-	-	10.0	-	-	-	-	-	2.4
18	4.4	0.6	7.0	10.4	3.8	2.3	3.8	0.1	0.2	2.7	0.1	1.1	0.8
19	5.6	1.8	0.6	-	4.0	0.8	6.3	-	10.9	6.4	4.1	1.1	0.9
20	-	3.2	2.2	1.8	-	0.6	-	3.0	-	1.6	1.1	1.1	1.0
21	8.2	29.0	3.2	9.1	3.2	0.6	-	-	1.2	4.0	0.7	2.1	0.8
22	-	37.0	0.6	11.4	0.7	1.5	0.6	0.6	0.7	9.5	0.2	0.1	1.2
23	14.6	-	-	-	12.0	0.8	170.0	-	-	20.1	-	5.4	0.5
24	-	48.9	7.8	-	13.0	4.0	-	4.1	-	-	-	-	1.1
25	16.4	-	-	-	10.4	3.2	6.6	6.7	5.9	17.7	4.0	-	-
26	18.2	22.0	3.2	16.4	9.1	2.2	90.0	5.5	9.7	12.7	1.9	4.2	-
27	28.4	7.6	6.4	16.4	4.0	2.0	-	14.4	10.0	50.3	25.9	4.1	2.3
28	-	29.0	-	4.4	6.4	1.1	3.0	5.2	5.7	21.7	3.9	-	1.4
29	2.8	14.5	2.7	-	-	3.8	7.8	-	-	10.9	-	-	0.7
30	1.2	14.0	2.3	44.0	2.0	0.6	4.5	-	-	4.0	1.7	-	0.4
31	0.4	28.4	4.2	13.0	3.4	0.4	1.0	-	1.0	-	-	2.2	0.4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

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 18	N 19	N 20	N 22	N 23	N 24	N 25
1	0.40	0.21	0.17	2.88	0.12	0.03	-	0.09	-	0.02	-	0.15	-	-	-	10.95	-	-
2	0.11	0.12	0.03	0.42	0.11	-	-	0.03	-	-	-	0.01	0.02	0.13	0.29	-	-	-
3	0.04	0.03	0.03	-	0.19	-	-	0.02	-	-	-	0.14	-	-	0.41	0.21	-	-
4	0.04	0.06	0.04	0.65	0.12	0.11	0.36	0.02	-	-	0.02	-	-	0.05	-	0.18	0.59	-
5	-	-	0.04	0.41	0.12	-	0.20	0.01	-	-	-	0.03	-	0.01	0.10	0.29	-	0.03
6	0.04	0.06	0.05	0.08	0.07	0.02	0.08	0.02	-	-	0.01	0.01	0.04	0.01	0.59	0.83	-	-
7	0.24	0.17	0.06	0.08	0.28	-	0.19	0.13	-	-	-	-	0.02	0.01	0.14	1.90	-	0.20
8	0.08	-	0.07	-	-	-	-	0.22	-	-	0.03	-	-	0.01	0.21	0.43	-	0.10
9	-	-	0.04	-	-	-	-	0.18	-	-	0.02	-	-	-	-	-	-	0.14
10	-	-	-	-	-	-	-	-	-	0.01	-	-	-	-	1.12	-	-	0.11
11	-	-	0.02	-	-	-	-	-	0.09	0.03	0.06	0.03	0.01	0.02	0.13	0.44	-	0.04
12	-	-	0.01	-	-	-	-	0.09	-	-	-	0.03	-	-	0.25	0.27	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	0.08	0.20	-	0.03	0.01	0.07	-	-	-	-	-	0.11	-
15	-	0.06	0.03	0.05	-	-	-	0.10	0.04	0.01	-	-	-	-	-	-	0.18	-
16	0.07	0.06	0.04	0.38	0.01	-	0.07	0.03	0.02	0.01	-	-	-	0.01	-	0.36	-	-
17	0.05	0.01	0.04	0.06	0.01	0.02	0.12	0.01	-	0.03	0.09	-	-	0.01	0.05	0.29	0.07	0.05
18	0.16	0.18	0.11	1.60	0.66	0.10	0.10	0.08	-	-	0.09	-	0.02	0.02	-	2.12	0.19	-
19	0.06	0.02	0.13	0.70	0.33	0.01	0.14	0.01	-	-	0.03	0.03	0.02	0.01	0.23	5.50	0.18	0.02
20	0.07	0.01	0.06	-	0.06	0.01	-	0.01	-	0.19	-	0.01	0.04	0.01	-	1.83	-	0.01
21	0.02	0.01	0.05	-	-	-	-	0.01	-	-	0.03	0.06	0.02	0.01	0.25	0.60	-	0.02
22	0.03	0.01	0.02	0.04	0.04	0.02	0.04	0.02	-	-	-	0.04	0.02	0.01	0.36	0.26	-	0.01
23	-	-	-	0.18	-	-	0.06	-	-	-	-	-	-	0.03	-	-	-	0.07
24	-	-	-	3.26	-	0.50	1.23	-	0.15	0.05	-	-	-	-	-	-	1.20	0.03
25	-	-	-	9.88	-	1.27	2.20	-	0.06	0.02	-	-	-	-	-	-	2.06	0.16
26	-	-	0.11	1.39	0.20	0.25	1.16	-	0.05	-	-	0.03	-	-	0.03	-	1.20	0.09
27	-	-	0.16	2.19	0.40	0.23	0.53	-	-	-	0.02	0.04	-	0.03	0.10	0.84	0.20	0.02
28	-	-	-	-	-	-	-	-	-	-	-	0.04	-	-	-	-	-	0.05
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14
30	-	-	-	-	-	-	-	-	-	-	-	0.03	-	-	0.57	-	-	0.10
31	0.17	-	0.20	-	-	-	-	0.11	-	-	-	-	0.03	-	0.58	0.47	-	0.14

CONCENTRATION OF MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 26	N 27	N 28	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	0.13	-	0.02	0.10	0.05	0.05	0.05	0.23	0.19	0.08	0.02
2	0.02	-	-	0.12	0.18	-	0.23	0.02	0.02	0.10	-
3	0.01	0.08	-	-	-	0.25	0.05	0.02	0.06	-	-
4	0.02	0.07	0.03	0.15	0.02	0.23	0.05	-	0.10	-	-
5	0.01	-	-	0.12	0.05	0.05	0.09	0.05	-	-	0.57
6	0.02	-	-	0.15	-	0.90	-	0.08	0.04	0.33	0.03
7	0.12	0.11	-	-	-	0.10	-	0.10	0.04	-	-
8	-	-	-	-	-	-	-	-	0.09	-	-
9	-	-	-	0.05	0.05	0.15	0.05	-	-	0.33	-
10	-	-	-	0.15	0.15	0.07	0.07	-	0.13	-	0.42
11	0.02	-	-	0.05	0.22	0.10	0.02	0.05	-	-	-
12	0.02	-	-	-	-	0.32	-	-	-	-	-
13	-	-	-	0.07	-	-	-	-	-	-	0.04
14	-	0.03	0.01	-	-	-	-	-	-	-	-
15	-	-	0.02	-	-	-	-	-	0.02	-	0.11
16	0.01	0.01	0.02	-	-	-	-	-	0.04	0.03	0.03
17	0.01	0.01	0.02	-	-	-	-	-	-	0.08	0.12
18	0.08	0.07	-	-	-	-	-	-	0.02	0.02	0.12
19	0.01	0.07	-	-	0.12	0.05	-	-	0.18	-	-
20	0.01	-	0.02	0.07	0.10	0.05	-	-	-	-	0.07
21	0.01	-	-	0.05	0.05	0.03	0.10	-	0.45	-	-
22	0.01	0.03	0.04	0.10	0.05	0.05	0.31	-	-	-	-
23	-	-	-	0.03	0.03	0.05	0.05	-	-	-	-
24	-	0.19	0.04	0.15	0.18	0.21	-	0.05	-	-	-
25	-	-	0.04	-	0.03	0.08	0.03	0.03	-	-	0.68
26	-	0.10	0.04	0.05	0.05	0.03	0.03	0.03	-	1.47	0.94
27	-	-	0.03	0.12	0.03	0.05	0.03	0.08	0.75	-	0.30
28	-	-	-	0.10	0.05	0.05	0.05	-	0.97	-	0.13
29	-	-	0.03	0.03	-	0.23	2.45	0.03	1.13	-	-
30	-	-	-	0.05	0.26	0.03	0.03	-	0.33	0.70	0.04
31	-	-	-	0.03	0.24	0.05	0.05	0.08	-	0.11	0.03

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

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

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC 1
1	9.0	1.6	9.1	5.0	7.5	5.1	3.0	-	11.1	-	9.3	10.2	1.7	-	-	4.8	-	6.2
2	1.6	2.1	1.2	3.6	3.5	-	3.9	-	6.3	-	-	3.6	-	3.0	-	3.0	0.9	-
3	-	2.0	-	1.2	1.7	7.1	3.9	-	0.9	-	2.7	5.4	-	-	-	-	0.0	2.1
4	0.8	-	-	-	-	-	-	7.2	-	-	-	9.0	-	-	-	-	-	-
5	0.6	-	6.9	7.5	6.2	-	7.5	7.5	6.0	-	6.3	-	-	-	-	4.4	-	34.3
6	-	-	1.2	-	5.6	-	48.9	-	7.2	2.7	11.4	1.5	3.9	-	-	-	1.5	-
7	0.5	1.6	2.0	1.7	2.4	2.1	14.7	8.1	1.5	2.4	1.8	4.2	6.3	-	2.0	5.6	2.0	-
8	0.8	2.4	2.2	2.6	2.4	-	6.6	-	2.4	2.4	-	3.3	4.2	-	0.8	-	3.0	-
9	1.7	1.5	-	1.8	2.7	-	5.4	6.6	1.8	11.6	6.0	15.4	-	-	1.5	-	3.2	-
10	11.7	8.9	3.8	-	6.9	12.6	-	-	-	-	8.4	6.3	8.4	-	-	-	3.0	4.5
11	1.2	2.5	-	3.3	3.0	2.9	7.5	-	-	4.2	-	12.8	-	-	-	-	-	0.5
12	2.3	4.0	-	-	3.9	4.8	5.4	4.5	-	10.2	-	5.1	-	-	-	-	-	0.1
13	0.9	-	4.2	-	4.2	-	-	-	-	2.7	-	-	-	-	-	-	0.0	0.0
14	0.8	-	4.8	5.7	2.7	-	-	9.6	-	-	5.1	-	-	-	-	-	-	0.0
15	0.7	-	2.9	-	2.3	-	-	11.1	-	9.6	-	-	-	-	-	-	1.5	2.6
16	0.9	-	3.0	4.2	4.1	-	5.7	6.3	-	-	3.9	8.1	-	-	-	4.2	-	0.0
17	2.3	-	10.5	5.4	2.1	-	-	-	-	-	-	17.4	3.9	-	-	-	6.0	1.2
18	-	-	1.4	-	-	-	6.6	3.6	-	0.9	-	1.7	4.1	0.0	-	5.1	-	0.5
19	0.6	-	2.3	0.9	1.4	8.1	3.6	3.6	-	0.9	2.1	2.1	1.5	-	1.5	5.0	0.0	2.2
20	0.6	-	2.7	1.1	1.5	5.2	-	-	-	3.6	1.8	5.1	4.4	-	3.2	4.2	1.5	-
21	1.1	1.5	-	4.8	2.4	-	-	6.0	3.9	6.0	2.7	-	2.6	-	-	-	-	-
22	1.9	-	1.7	-	3.0	-	6.6	2.4	2.1	2.4	4.5	8.4	-	-	-	-	3.0	0.0
23	0.4	2.3	7.2	5.1	1.7	-	-	3.6	1.8	5.1	3.0	4.5	-	-	-	-	2.4	18.3
24	1.9	-	9.9	6.2	2.4	-	34.8	11.7	5.1	-	10.8	-	3.6	-	-	-	-	-
25	-	-	5.4	-	5.2	-	33.9	2.1	6.9	11.7	11.7	-	5.1	0.8	-	-	-	0.0
26	1.2	7.3	3.0	12.5	3.9	-	28.8	3.3	5.1	5.4	4.2	-	-	-	-	-	7.8	2.4
27	0.7	2.8	1.9	2.4	1.9	-	12.0	3.0	2.7	3.6	3.6	14.9	3.3	-	-	-	2.9	-
28	0.0	2.1	1.9	2.1	1.8	-	-	2.7	1.8	2.7	3.9	9.3	3.0	-	-	-	-	0.7
29	0.0	2.8	-	1.8	1.0	-	-	2.7	2.1	3.9	3.6	12.0	3.3	-	-	-	8.9	0.4
30	-	-	-	-	1.0	-	-	3.3	3.3	3.6	5.7	6.2	0.8	-	-	-	-	0.2
31	0.0	1.6	5.1	-	2.1	-	-	3.9	2.4	-	5.4	8.1	-	-	-	-	3.9	0.0

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

DATE	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 18
1	2.8	2.1	2.9	0.9	0.5	0.1	-	3.0	-	1.5	-	3.1
2	1.6	4.4	0.5	1.4	2.8	-	-	1.3	-	-	-	0.9
3	1.4	1.6	1.9	-	2.5	-	-	2.2	-	-	-	4.1
4	0.5	0.9	1.6	0.6	0.6	0.1	1.5	0.9	-	-	1.2	-
5	-	-	1.7	1.2	0.5	-	-	1.2	-	-	-	2.0
6	2.0	1.7	2.6	0.1	1.8	1.9	0.7	1.9	-	-	0.9	0.9
7	5.5	4.0	2.9	0.1	4.8	-	3.5	4.7	-	-	-	-
8	2.8	-	3.8	-	-	-	-	11.2	-	-	2.0	-
9	-	-	3.7	-	-	-	-	10.4	-	1.8	-	-
10	-	-	-	-	-	-	-	-	-	1.0	-	-
11	-	-	1.8	-	-	-	-	-	1.3	0.8	4.8	2.3
12	-	-	1.0	-	-	-	-	7.6	-	-	-	2.6
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	2.2	5.9	-	1.1	0.3	2.0	-
15	-	1.1	2.2	0.6	-	-	-	7.0	0.7	0.3	-	-
16	2.9	2.7	1.7	-	0.1	-	5.3	3.1	0.3	0.7	-	-
17	2.6	1.3	3.8	0.6	0.7	0.4	1.8	2.1	-	0.5	3.7	-
18	4.6	3.8	5.9	4.6	4.2	5.0	3.5	5.4	-	-	3.1	-
19	5.0	1.9	5.0	2.9	2.8	0.6	1.2	2.1	-	-	4.0	3.5
20	3.9	1.0	2.0	-	1.4	0.7	-	1.6	-	-	-	0.7
21	2.2	2.2	1.8	-	-	-	-	1.6	-	-	3.1	3.3
22	1.6	1.5	1.3	1.3	1.4	1.5	1.7	2.2	-	-	-	2.6
23	-	-	-	1.9	-	-	2.3	-	-	-	-	-
24	-	-	-	0.7	1.8	0.8	0.9	-	0.3	0.6	-	-
25	-	-	-	4.9	-	1.1	1.3	-	0.3	0.1	-	-
26	-	-	1.0	0.6	0.9	0.0	0.9	-	0.2	-	1.4	-
27	-	-	1.5	0.7	1.4	-	0.0	-	-	-	1.3	1.4
28	-	-	-	-	-	-	-	-	-	-	-	1.3
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	1.3
31	4.3	-	4.5	-	-	-	-	5.9	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 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	-	-	-	14.4	-	-	2.1	-	1.9	-	1.4	1.0	-	-	-	-	-	2.0
2	1.6	1.7	1.2	-	-	-	0.7	-	-	-	-	-	-	1.4	1.2	2.1	3.4	5.9
3	-	-	3.2	2.9	-	-	1.3	2.2	-	4.2	2.7	0.0	-	2.9	4.6	-	-	1.8
4	-	3.0	-	1.0	1.2	-	0.9	0.9	1.9	6.0	5.1	1.9	-	6.0	3.6	-	1.2	4.2
5	-	1.2	1.9	1.6	-	1.3	0.6	-	-	1.4	2.9	0.4	6.2	3.3	3.6	4.1	3.2	2.6
6	1.7	0.7	3.0	1.9	-	-	1.6	-	-	1.4	3.2	3.1	1.6	3.0	3.6	2.1	5.0	6.5
7	2.7	1.8	3.9	1.6	-	3.8	6.0	2.0	-	4.5	2.4	3.7	3.4	-	-	-	-	2.3
8	-	2.5	5.4	6.6	-	5.3	-	-	-	-	2.9	-	10.0	6.1	-	-	-	7.8
9	-	-	-	-	-	7.2	7.6	-	-	4.7	3.8	1.2	8.1	1.2	3.8	2.4	1.2	14.7
10	-	-	7.0	-	-	4.3	-	-	-	-	-	2.8	4.0	4.8	3.3	3.0	8.9	1.3
11	3.0	2.4	0.9	6.3	-	2.0	2.2	-	-	-	-	1.5	-	2.2	3.0	2.3	3.6	1.2
12	-	-	2.0	2.4	-	-	2.2	-	-	3.9	1.8	1.8	2.5	3.9	3.0	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	1.3	13.4	6.0	3.0	-	-	-
14	-	-	-	-	3.1	-	-	0.8	0.6	-	-	-	-	-	-	-	-	8.0
15	-	-	-	-	1.9	-	-	-	1.6	-	-	-	-	-	-	-	-	-
16	-	0.4	-	3.4	-	-	0.9	0.1	1.6	-	-	0.0	15.1	-	-	-	-	5.0
17	-	0.7	3.6	3.4	1.2	0.6	0.9	0.3	1.6	-	-	-	-	-	-	10.1	-	-
18	3.6	5.8	-	24.4	4.0	-	4.6	4.8	-	2.8	3.7	4.8	5.7	5.9	3.1	-	-	-
19	3.6	5.1	4.2	1.1	4.0	4.0	1.9	4.2	-	-	1.4	1.8	5.2	3.8	3.1	7.4	4.2	-
20	0.4	5.4	-	8.9	-	3.9	0.4	-	1.6	5.8	-	0.0	3.3	4.3	3.1	4.1	3.8	-
21	3.7	1.6	3.1	2.6	-	4.8	1.3	-	-	-	0.0	0.0	3.6	4.4	2.1	5.9	4.6	-
22	2.5	1.6	2.4	2.0	-	4.3	1.2	0.5	0.4	1.7	-	0.5	0.0	3.8	0.6	6.6	7.4	-
23	-	1.0	-	-	-	11.4	-	-	-	-	-	10.0	-	4.8	1.3	-	-	-
24	-	-	-	-	0.6	2.2	-	0.1	0.4	9.1	-	-	-	-	7.9	-	10.2	3.7
25	-	-	-	-	11.9	0.3	-	-	0.4	4.8	1.6	3.0	5.8	5.7	-	-	-	0.4
26	-	0.4	-	-	10.1	1.9	-	0.0	0.4	5.2	1.4	3.6	7.3	1.3	1.2	-	-	-
27	-	0.4	1.3	3.2	0.3	3.1	-	-	1.1	2.0	1.7	1.4	6.0	4.9	2.1	1.2	5.0	-
28	-	-	-	-	-	2.3	-	-	-	1.1	1.1	1.8	2.8	2.0	-	2.3	2.9	2.5
29	-	-	-	-	-	0.3	-	-	1.1	-	-	2.2	-	1.6	-	-	6.1	6.9
30	-	-	3.0	-	-	13.1	-	-	-	-	-	0.1	4.3	2.9	-	-	6.3	-
31	2.2	-	4.5	4.6	-	6.9	-	-	-	-	2.7	-	-	1.2	1.9	1.8	1.4	-

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	1.8	3.4	-	0.9	1.0	5.5	2.6	4.0	5.8	1.0	0.3
2	2.1	2.8	7.2	4.0	10.5	-	15.3	1.8	2.1	1.6	-
3	4.6	-	2.7	-	-	7.6	2.3	1.1	3.2	-	-
4	3.5	-	3.4	2.1	2.7	9.7	3.5	-	4.1	-	-
5	-	6.7	3.4	5.8	2.8	3.7	1.5	3.1	-	-	4.7
6	2.9	6.4	8.5	4.2	-	-	-	5.2	1.1	1.7	1.4
7	-	7.9	8.5	-	-	3.6	-	6.9	1.2	-	-
8	-	2.9	-	-	-	-	-	-	2.0	-	-
9	-	1.8	-	1.1	2.3	5.9	1.7	-	-	6.6	-
10	2.3	2.4	5.4	3.8	1.2	3.2	1.3	-	3.2	-	2.9
11	-	9.9	2.7	2.9	2.6	1.3	4.4	0.2	-	-	-
12	-	11.3	-	-	-	3.5	-	-	-	-	-
13	-	4.0	-	6.5	-	-	-	2.1	-	-	2.3
14	-	6.4	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	4.0	-	4.0
16	-	-	-	-	-	-	-	-	9.1	1.3	1.0
17	3.9	9.4	5.9	-	-	-	-	-	-	1.1	2.0
18	-	2.5	5.4	-	-	-	-	-	1.0	0.6	1.2
19	-	5.0	-	-	10.3	3.5	-	-	2.2	-	-
20	3.2	4.0	3.6	4.3	6.4	4.7	-	-	-	-	1.3
21	-	8.2	3.1	4.6	5.2	4.4	5.2	-	8.6	-	-
22	10.8	4.3	-	5.7	5.3	4.7	2.6	-	-	-	-
23	-	2.4	-	-	7.7	2.5	0.8	-	-	-	-
24	-	3.3	5.2	8.1	1.6	10.5	-	2.8	-	-	-
25	-	-	-	-	1.3	4.3	1.9	1.6	-	-	1.4
26	2.1	-	2.7	1.6	3.5	1.9	0.4	0.7	-	1.8	1.3
27	0.4	2.6	2.7	1.2	1.0	2.8	2.3	1.3	8.7	-	0.3
28	2.1	2.6	1.5	4.3	4.4	3.4	2.0	-	8.0	-	1.2
29	-	3.4	2.8	2.2	-	9.9	1.3	1.7	6.1	-	-
30	-	3.3	5.6	2.5	5.1	3.1	1.4	-	5.3	1.3	0.5
31	-	1.8	-	2.0	5.7	6.4	5.9	2.8	-	3.2	3.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

PH IN PRECIPITATION.

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5
1	5.40	5.20	6.20	5.00	5.20	4.30	4.39	-	3.74	3.80	4.10	5.58	-	-	-	-
2	4.70	5.40	5.00	4.10	4.00	-	4.85	-	3.93	4.26	-	-	5.10	5.42	4.83	-
3	-	5.00	-	4.70	5.20	3.60	4.90	-	5.06	4.37	4.70	-	-	4.76	4.32	5.45
4	5.60	-	-	-	-	-	-	3.97	-	-	-	-	4.60	-	-	6.82
5	5.60	-	5.00	4.10	4.80	-	5.00	4.31	3.68	3.61	4.40	-	5.47	4.70	-	4.31
6	-	-	4.90	-	4.50	-	4.91	-	3.55	4.50	4.30	5.09	6.10	5.37	4.46	4.45
7	5.50	5.00	4.60	4.30	4.60	4.40	4.37	3.98	4.29	4.41	5.00	5.04	-	-	-	4.20
8	5.70	5.00	4.50	4.80	4.60	-	4.09	-	4.58	4.42	-	5.27	-	4.21	4.43	4.30
9	5.00	4.70	-	4.00	4.90	-	4.51	4.05	3.99	3.58	5.60	6.26	5.25	4.57	4.28	4.31
10	6.40	4.40	5.60	-	5.40	7.60	-	-	-	3.61	4.30	5.95	4.40	4.61	4.70	4.66
11	6.40	4.20	-	4.30	4.20	4.00	4.72	-	3.88	3.79	-	6.89	4.65	4.61	-	4.92
12	6.00	4.50	-	-	5.70	3.90	4.55	4.02	3.85	3.75	-	5.44	7.10	4.84	-	4.49
13	5.70	-	4.50	-	5.30	-	-	-	4.39	6.89	-	5.49	4.63	-	4.74	4.39
14	5.70	-	4.20	4.40	4.80	-	-	3.80	3.97	3.70	4.90	5.64	-	-	-	-
15	5.10	-	4.60	-	4.20	-	-	3.80	-	3.53	-	4.09	-	-	-	-
16	5.40	-	5.50	4.40	3.90	-	4.07	3.90	3.80	-	4.30	6.20	4.89	-	-	-
17	5.50	-	6.00	5.80	4.00	-	-	-	3.69	-	-	5.32	5.94	4.52	-	-
18	-	-	5.50	-	-	-	3.98	4.35	4.19	4.65	-	5.84	7.34	4.20	6.97	4.18
19	5.70	-	4.60	4.80	4.40	5.10	4.27	4.37	4.98	4.84	4.80	5.95	5.01	4.54	-	4.25
20	5.40	-	4.70	4.90	5.20	6.60	-	-	4.54	4.02	5.00	-	5.70	-	4.85	-
21	5.10	4.40	-	5.40	5.20	-	-	4.22	4.16	3.80	4.50	6.60	4.39	5.17	4.62	4.37
22	5.50	-	4.40	-	4.80	-	4.33	4.42	4.42	4.30	4.70	6.35	4.84	4.85	5.12	4.52
23	5.70	3.70	4.40	5.70	4.80	-	-	4.08	3.98	4.00	4.90	5.31	-	-	7.32	4.32
24	5.30	-	6.20	5.90	4.60	-	4.72	3.61	3.68	-	4.40	7.46	6.40	4.68	-	4.63
25	-	-	4.70	-	5.70	-	5.58	4.60	3.79	3.58	4.10	5.73	-	-	-	4.70
26	5.30	4.20	4.80	6.10	4.10	-	5.74	4.32	4.02	4.00	4.60	6.85	5.73	5.49	5.39	4.78
27	5.40	4.00	4.80	4.90	4.20	-	6.01	6.73	4.65	4.31	5.30	5.96	5.68	4.93	6.19	4.67
28	5.70	4.10	4.40	5.00	4.80	-	-	4.98	4.46	4.40	5.20	-	5.79	-	4.71	4.59
29	4.90	3.80	-	4.60	4.90	-	-	4.31	4.38	4.18	4.50	5.97	5.52	4.55	-	-
30	-	-	-	-	4.50	-	-	3.89	3.90	4.11	4.20	6.02	4.60	4.21	7.25	4.41
31	5.20	5.40	5.20	-	4.20	-	-	4.00	4.29	-	4.10	5.60	4.57	5.55	6.86	4.32

PH IN PRECIPITATION.

DATE	DK 6	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10
1	-	6.79	5.43	-	-	5.57	-	6.10	4.30	4.50	4.25	4.80	5.15	4.90	-	4.25
2	4.56	4.42	-	5.75	-	5.78	6.23	-	4.30	4.35	5.00	4.65	4.25	-	-	5.30
3	-	4.56	-	-	-	-	6.16	5.85	4.50	4.50	4.40	-	4.60	-	-	4.45
4	-	5.19	-	-	-	-	-	-	4.60	4.60	4.50	4.80	4.85	4.90	5.35	4.55
5	4.67	-	-	-	-	5.53	-	5.65	-	-	4.85	5.10	5.00	-	6.30	4.50
6	5.34	5.77	6.38	-	-	-	5.94	-	4.30	4.65	4.55	5.00	4.50	4.50	6.50	4.40
7	-	4.10	6.35	-	6.05	5.56	5.92	-	3.80	3.95	4.20	5.05	4.00	-	4.25	4.00
8	5.98	4.25	5.99	-	5.40	-	5.96	-	4.10	-	4.15	-	-	-	-	3.85
9	4.67	3.83	-	-	5.98	-	5.26	-	-	-	4.15	-	-	-	-	3.85
10	4.54	4.27	6.07	-	-	-	6.22	6.10	-	-	-	-	-	-	-	-
11	4.59	5.44	-	-	-	-	-	5.65	-	-	4.60	-	-	-	-	-
12	4.01	4.49	-	-	-	-	-	6.20	-	-	4.60	-	-	-	-	4.15
13	4.19	-	-	-	-	-	5.65	5.85	-	-	-	-	-	-	-	-
14	4.10	-	-	-	-	-	-	5.55	-	-	-	-	-	5.00	7.20	-
15	-	-	-	-	-	-	5.50	5.70	-	6.10	4.90	4.80	-	-	-	5.15
16	-	4.05	-	-	-	5.96	5.34	5.70	4.15	4.60	5.30	-	6.20	-	6.50	5.00
17	-	6.20	5.76	-	-	-	5.65	6.05	4.30	4.90	4.40	-	4.05	5.25	6.50	4.85
18	4.99	4.63	5.73	5.51	-	5.15	5.46	5.95	4.00	4.10	4.15	3.90	4.85	4.05	4.30	4.00
19	4.11	4.55	5.59	-	-	5.07	5.48	5.35	4.40	4.50	4.10	4.50	4.40	4.75	4.75	4.45
20	4.46	4.43	5.75	-	-	5.30	5.50	-	4.10	4.75	4.55	-	5.70	4.75	-	4.40
21	6.02	-	5.68	-	-	-	-	-	4.45	5.15	5.05	-	-	-	-	4.55
22	4.36	4.22	-	-	-	-	5.51	5.65	4.50	5.00	4.75	4.75	5.20	4.90	5.90	4.60
23	4.79	4.04	-	-	-	-	5.72	6.05	-	-	-	4.80	-	-	5.40	-
24	6.68	-	5.43	-	-	-	-	-	-	-	-	5.15	5.20	5.40	5.60	-
25	4.58	3.66	5.26	5.26	-	-	-	5.85	-	-	-	-	-	5.50	5.30	-
26	5.47	3.46	-	-	-	-	5.80	5.55	-	-	5.35	5.20	5.80	5.20	5.30	-
27	5.76	4.18	5.93	-	-	-	5.45	-	-	-	6.20	5.30	6.45	6.00	5.90	-
28	5.22	4.68	5.85	-	-	-	-	5.85	-	-	-	-	-	-	-	-
29	4.28	3.85	5.81	-	-	-	5.84	5.75	-	-	-	-	-	-	-	-
30	4.24	3.77	5.51	-	-	-	-	5.90	-	-	-	-	-	-	-	-
31	5.00	3.60	-	-	-	-	5.85	6.25	4.40	-	6.30	-	-	-	-	4.70

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

OCTOBER 74

PH IN PRECIPITATION.

DATE	N 14	N 15	N 16	N 18	N 19	N 20	N 22	N 23	N 24	N 25	N 26	N 27	N 28	NL 1	NL 2	NL 3
1	-	5.20	-	4.95	-	-	-	5.80	-	-	4.50	-	4.40	4.20	4.90	4.46
2	-	-	-	5.10	4.65	4.85	4.75	-	-	-	4.75	-	-	-	-	-
3	-	-	-	4.80	-	-	6.20	4.30	-	-	4.50	4.65	-	4.23	4.35	4.55
4	-	-	4.70	-	-	4.35	-	4.70	4.90	-	4.55	5.00	4.45	4.09	4.06	4.28
5	-	-	-	4.30	-	4.65	4.25	4.50	-	4.80	4.55	-	-	4.40	4.08	4.53
6	-	-	4.55	4.55	4.60	4.55	5.85	4.50	-	-	4.35	-	-	4.55	4.21	4.35
7	-	-	-	-	4.25	4.25	4.00	5.05	-	6.85	3.80	-	-	4.23	4.27	3.91
8	-	-	6.05	-	-	4.25	4.10	4.00	-	6.65	-	-	-	-	4.08	-
9	-	4.80	-	-	-	-	-	-	-	6.10	6.15	-	-	4.45	4.25	5.11
10	-	4.70	-	-	-	-	-	-	-	6.10	-	-	-	-	-	4.40
11	6.40	-	4.40	4.30	4.20	4.35	4.65	4.25	-	5.40	6.50	-	-	4.24	-	4.43
12	-	-	-	4.50	-	-	4.65	5.40	-	-	6.50	-	-	4.48	4.40	4.31
13	-	-	-	-	-	-	-	-	-	-	-	-	-	4.20	-	4.28
14	5.00	5.55	6.40	-	-	-	-	-	4.40	-	-	-	4.80	-	3.76	-
15	6.30	6.45	-	-	-	-	-	-	-	-	-	-	4.50	-	-	-
16	6.55	6.50	-	-	-	5.35	-	4.55	-	-	5.05	5.75	4.50	3.92	-	5.40
17	-	6.55	6.25	-	-	5.00	4.55	4.40	4.90	5.80	4.55	5.70	4.50	-	-	-
18	-	-	6.20	-	4.20	4.10	-	3.60	4.15	-	4.10	4.05	-	4.44	4.37	4.29
19	-	-	4.30	4.90	4.20	4.10	4.20	4.30	4.20	4.20	4.40	4.20	-	3.94	4.24	4.18
20	-	-	-	5.10	5.90	4.10	-	4.50	-	4.15	4.75	-	4.50	4.17	-	4.50
21	-	-	4.35	4.40	4.75	4.45	4.35	4.45	-	4.10	4.65	-	-	4.04	4.95	4.31
22	-	-	-	4.60	4.70	4.50	4.50	4.60	-	4.10	4.65	4.80	4.95	4.70	4.46	4.41
23	-	-	-	-	-	5.10	-	-	-	3.80	-	-	-	-	-	3.88
24	5.30	4.80	-	-	-	-	-	-	4.85	4.60	-	5.30	4.95	4.21	3.69	3.83
25	5.90	5.50	-	-	-	-	-	-	4.90	6.00	-	-	4.95	5.21	4.44	4.33
26	5.60	-	4.75	-	-	5.30	-	-	5.15	5.80	-	5.50	4.95	4.33	4.29	3.99
27	-	-	4.70	4.95	-	5.45	4.70	5.50	5.35	4.35	-	-	4.50	4.40	4.49	4.48
28	-	-	-	4.75	-	-	-	-	-	4.75	-	-	-	4.54	4.48	4.50
29	-	-	-	-	-	-	-	-	-	5.70	-	-	4.50	-	4.23	4.36
30	-	-	-	5.00	-	-	4.15	-	-	4.45	-	-	-	-	-	4.43
31	-	-	-	-	4.80	-	4.30	4.50	-	6.65	-	-	-	-	4.56	-

PH IN PRECIPITATION.

DATE	NL 4	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	5.85	5.31	4.53	4.81	5.53	5.10	4.70	5.10
2	4.09	4.48	-	-	-	4.83	4.20	4.30	-
3	-	-	-	6.84	5.56	4.81	3.70	-	-
4	-	5.01	4.68	5.69	4.73	-	3.70	-	-
5	4.45	4.15	4.62	5.25	5.02	4.34	-	-	3.80
6	4.76	4.14	-	-	-	-	4.50	4.30	4.00
7	5.09	-	-	6.33	-	4.50	3.90	-	-
8	3.84	-	-	-	-	-	4.20	-	-
9	4.38	4.85	4.71	5.48	4.99	-	-	3.80	-
10	4.29	4.17	4.92	5.95	5.44	-	3.80	-	4.40
11	-	4.66	3.87	6.28	4.35	5.87	-	-	-
12	4.31	-	-	6.95	-	-	-	-	-
13	4.41	4.93	-	-	-	-	-	-	4.60
14	3.87	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	3.60	-	4.00
16	3.91	-	-	-	-	-	3.50	4.60	4.40
17	-	-	-	-	-	-	-	4.90	4.70
18	4.48	-	-	-	-	-	4.20	4.80	4.90
19	4.26	-	-	6.04	-	-	4.70	-	-
20	4.04	4.43	4.47	4.71	-	-	-	-	4.70
21	4.43	4.54	4.65	4.44	-	-	5.60	-	-
22	4.77	4.59	4.57	4.62	4.57	-	-	-	-
23	4.06	-	4.04	4.66	4.91	-	-	-	-
24	-	5.75	-	4.60	-	6.67	-	-	-
25	4.40	-	4.83	4.95	4.80	6.10	-	-	4.80
26	4.22	5.38	5.38	5.75	5.33	5.94	-	6.10	5.70
27	4.01	6.29	4.88	5.44	4.99	6.43	4.60	-	5.70
28	4.53	4.30	4.66	4.69	5.20	-	4.50	-	6.00
29	4.09	4.66	-	6.09	4.69	-	4.20	-	-
30	4.57	4.56	6.99	4.59	5.24	-	4.10	4.20	4.70
31	-	4.48	5.04	4.54	-	-	-	3.80	4.00

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER) * COMPUTED FROM PH

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01
1	NEG	NEG	NEG	NEG	NEG	*50	35	-	67	*158	90	-7	-	-	-	-	-	NEG
2	*20	NFG	NEG	*79	*100	-	19	-	55	*55	-	-	-1	-26	2	-	19	104
3	-	NFG	-	*20	NEG	*251	19	-	25	*43	27	-	-	12	*48	NEG	-	*28
4	NEG	-	-	-	-	-	-	63	-	-	-	-	25	-	-	NEG	-	74
5	NFG	-	NEG	*79	*16	-	20	26	72	*245	50	-	-7	17	-	61	21	-
6	-	-	*13	-	*32	-	29	-	168	21	82	NEG	-52	NFG	46	*35	-2	39
7	NEG	NFG	*25	*50	*25	*40	56	55	21	33	17	4	-	-	-	*63	-	210
8	NEG	NFG	*32	*16	*25	-	68	-	44	35	-	NEG	-	*62	40	67	NEG	86
9	NEG	*20	-	*100	*13	-	39	64	37	196	76	NEG	7	24	72	58	19	280
10	NEG	*40	NEG	-	NEG	NEG	-	-	-	*245	87	NEG	43	*25	-1	*22	*29	105
11	NEG	*63	-	*50	*63	*100	6	-	69	81	-	NEG	*22	16	-	*12	2	NEG
12	NFG	*32	-	-	NEG	*126	21	45	*141	89	-	-2	NEG	11	-	39	120	140
13	NEG	-	*32	-	NEG	-	-	-	25	47	-	56	*23	-	16	*41	74	-
14	NEG	-	*63	*40	*16	-	-	83	57	*200	81	-3	-	-	-	-	*79	-
15	NEG	-	*25	-	*63	-	-	*158	-	191	-	104	-	-	-	-	-	-
16	NEG	-	NEG	*40	*126	-	16	77	45	-	5	-58	*13	-	-	-	-	128
17	NEG	-	NEG	NEG	*100	-	-	-	44	-	-	5	-22	*30	-	-	-	NEG
18	-	-	NFG	-	-	-	35	*45	38	18	-	-20	NEG	*63	NEG	107	*10	139
19	NFG	-	*25	*16	*40	NEG	7	16	15	16	9	-21	9	38	-	73	121	80
20	NEG	-	*20	*13	NEG	NEG	-	-	30	70	6	-	NEG	-	22	-	48	74
21	NEG	*40	-	NEG	NEG	-	-	25	40	76	6	NEG	50	NFG	40	*43	15	-
22	NEG	-	*40	-	*16	-	7	6	7	7	8	NEG	13	*14	-1	44	-29	88
23	NEG	*200	*40	NFG	*16	-	-	8	7	76	8	-4	-	-	NFG	*48	65	124
24	NEG	-	NEG	NEG	*25	-	7	*245	24	-	26	NEG	-62	24	-	*23	NEG	-
25	-	-	*20	-	NEG	-	10	7	49	169	84	-8	-	-	-	*20	36	*219
26	NEG	*63	*16	NEG	*79	-	14	7	20	56	6	-8	-7	NFG	-4	*17	1	*347
27	NEG	*100	*16	*13	*63	-	7	19	9	14	7	-25	-8	12	NEG	*21	-15	172
28	NEG	*79	*40	NEG	*16	-	-	7	7	11	8	-	-16	-	26	34	2	134
29	*13	*158	-	*25	*13	-	-	9	8	41	*32	-17	NEG	*28	-	-	87	*141
30	-	-	-	-	*32	-	-	28	13	29	32	-23	33	*62	NEG	*39	70	218
31	NEG	NEG	NEG	-	*63	-	-	24	7	-	12	-6	*27	NFG	-67	53	7	*251

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER) * COMPUTED FROM PH

DATE	F 02	F 03	F 04	F 05	F 06	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 18
1	24	-	-	4	-	NEG	62	32	56	13	6	10	-	67	-	NFG	-	10
2	-	70	-	8	NEG	-	57	50	9	23	56	-	-	-45	-	-	-	5
3	-	-	-	-	NEG	NEG	40	35	40	-	30	-	-	32	-	-	-	16
4	-	-	-	-	-	-	26	25	29	11	17	9	-12	19	-	-	23	-
5	-	-	-	116	-	NEG	-	-	12	2	7	-	-24	24	-	-	-	50
6	NEG	-	-	-	59	-	58	18	28	5	28	28	-110	40	-	-	30	28
7	NEG	-	NEG	55	88	-	190	134	63	9	100	-	56	114	-	-	-	-
8	NEG	-	54	-	NEG	-	88	-	71	-	-	-	-	140	-	-	NEG	-
9	-	-	110	-	64	-	-	-	71	-	-	-	-	140	-	16	-	-
10	NEG	-	-	-	NEG	NEG	-	-	-	-	-	-	-	-	-	23	-	-
11	-	-	-	-	-	NEG	-	-	25	-	-	-	-	-	-92	-	40	50
12	-	-	-	-	-	NEG	-	-	31	-	-	-	-	71	-	-	-	44
13	-	-	-	-	70	NEG	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	NEG	-	-	-	-	-	10	NEG	-	5	-4	NEG	-
15	-	-	-	-	NEG	NEG	-	-38	8	16	-	-	-	NFG	-42	NEG	-	-
16	-	-	-	13	23	NFG	71	25	2	-	NEG	-	NEG	9	-74	NEG	-	-
17	44	-	-	-	NEG	NEG	53	15	40	-	89	-2	NEG	18	-	NEG	NEG	-
18	43	30	-	98	60	NEG	113	99	71	125	14	89	59	131	-	-	NEG	-
19	21	-	-	110	46	NEG	42	35	80	37	40	18	18	44	-	-	50	16
20	114	-	-	46	98	-	94	17	27	-	NEG	16	-	37	-	-	-	6
21	72	-	-	-	-	-	39	6	0	-	-	-	-	28	-	-	45	40
22	-	-	-	-	30	NEG	33	8	14	18	6	13	-12	25	-	-	-	35
23	-	-	-	-	85	NEG	-	-	-	16	-	-	NEG	-	-	-	-	-
24	56	-	-	-	-	-	-	-	-	2	6	-5	-2	-	-3	18	-	-
25	38	38	-	-	-	NEG	-	-	-	-	-	-11	3	-	-17	0	-	-
26	-	-	-	-	80	NEG	-	-	3	6	NEG	-1	2	-	-9	-	18	-
27	56	-	-	-	80	-	-	-	NEG	2	NEG	NEG	-17	-	-	-	21	14
28	36	-	-	-	-	NEG	-	-	-	-	-	-	-	-	-	-	-	11
29	51	-	-	-	100	NEG	-	-	-	-	-	-	-	-	-	-	-	-
30	44	-	-	-	-	NEG	-	-	-	-	-	-	-	-	-	-	-	10
31	-	-	-	-	90	NEG	42	-	NEG	-	-	-	-	30	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 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	-	-	-	NFG	-	-	36	-	38	*63	23	51	-	-	-	-	-	37
2	24	14	15	-	-	-	14	-	-	-	-	-	*81	16	18	12	53	137
3	-	-	-44	57	-	-	39	22	-	89	84	105	-	17	24	-	62	38
4	-	45	-	24	16	-	29	9	35	*81	157	155	-	131	70	-	38	54
5	-	22	58	33	-	18	34	-	-	63	*83	93	97	63	70	75	126	45
6	28	26	-20	33	-	-	45	-	-	50	130	107	70	19	70	41	77	126
7	56	56	115	8	-	NEG	166	-	-	116	119	*123	26	-	-	-	-	43
8	-	56	91	116	-	NEG	-	-	-	-	*83	-	186	58	-	-	-	102
9	-	-	-	-	-	-212	NFG	-	-	92	74	13	105	18	59	23	29	175
10	-	-	-	-	-	-188	-	-	-	-	-	56	*51	59	55	18	61	16
11	63	45	19	56	-	-10	-52	-	-	*58	-	53	-	71	42	13	113	43
12	-	-	22	-10	-	-	-52	-	-	68	55	107	*49	56	42	-	-	-
13	-	-	-	-	-	-	-	-	-	*63	-	136	82	105	42	-	-	-
14	-	-	-	-	49	-	-	-	15	-	*174	-	*135	-	-	-	-	50
15	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-
16	-	1	-	46	-	-	8	-8	40	*120	-	6	*123	-	-	-	-	45
17	-	9	32	38	8	-32	29	-8	40	-	-	-	-	-	-	49	-	14
18	63	80	-	280	80	-	114	89	-	105	77	104	64	102	63	-	-	-
19	63	80	80	50	63	63	43	63	-	*115	64	139	108	70	63	81	86	-
20	-18	80	-	20	-	71	19	-	40	151	-	63	*91	39	63	51	67	-
21	19	35	47	32	-	80	21	-	-	*91	16	*49	76	49	15	55	57	-
22	20	37	31	25	-	80	22	15	10	59	41	69	50	38	12	45	89	-
23	-	8	-	-	-	160	-	-	-	-	-	*132	*87	60	66	-	-	-
24	-	-	-	-	12	25	-	2	10	*62	*204	*148	-	-1	-	-	118	61
25	-	-	-	-	3	NEG	-	-	10	15	55	83	91	-1	-	-	-	12
26	-	3	-	-	-1	NEG	-	NFG	10	68	70	*102	123	-4	11	-	-	-
27	-	-2	18	NEG	-1	82	-	-	33	60	50	57	*98	84	55	18	86	-
28	-	-	-	-	-	32	-	-	-	43	56	62	71	17	-	46	53	59
29	-	-	-	-	-	-38	-	-	33	-	*59	95	*81	24	-	-	62	57
30	-	-	71	-	-	35	-	-	-	-	-	71	52	52	-	-	94	-
31	15	-	50	30	-	-114	-	-	-	-	54	-	-	17	54	19	32	-

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	UK12
1	16	17	-	-2	14	53	30	17	NEG	*20	NFG
2	-8	3	38	45	-	-	-	28	*63	*50	-
3	8	-	24	-	-	NEG	14	26	*200	-	-
4	33	-	30	13	32	3	37	-	*200	-	-
5	1	73	30	98	42	24	29	56	-	-	*158
6	16	49	-313	94	-	-	-	-	*32	*50	*100
7	-	97	-	-	-	-30	-	58	*126	-	-
8	-	52	-	-	-	-	-	-	*63	-	-
9	-	22	-	26	37	17	26	-	-	*158	-
10	-6	25	-123	86	23	-1	9	-	*158	-	*40
11	-	58	19	37	178	-8	75	0	-	-	-
12	-	69	-	-	-	NEG	-	-	-	-	-
13	-	75	-	30	-	-	-	-	-	-	*25
14	-	122	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	*251	-	*100
16	-	-	-	-	-	-	-	-	*316	*25	*40
17	-19	44	-60	-	-	-	-	-	-	*13	*20
18	-	21	32	-	-	-	-	-	*63	*16	*13
19	-	97	-	-	-	-8	-	-	*20	-	-
20	53	52	-35	52	58	44	-	-	-	-	*20
21	-	44	39	51	38	63	-	-	NEG	-	-
22	145	9	-	41	52	52	48	-	-	-	-
23	-	39	-	-	129	46	22	-	-	-	-
24	-	48	27	12	-	52	-	-30	-	-	-
25	-	-	-	-	26	35	34	-13	-	-	*16
26	-16	-	61	9	10	3	16	-3	-	NFG	NFG
27	-4	35	61	-9	22	13	20	-13	*25	-	NFG
28	21	57	59	69	36	42	24	-	*32	-	NFG
29	-	6	40	34	-	-12	37	-	*63	-	-
30	-	52	69	40	-75	44	23	-	*79	*63	*20
31	-	30	-	49	19	57	-	-	-	*158	*100

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

SO2 IN AIR (MICROGRAMS PER M3)

DATE	A	02	CH 1	CH 2	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC	1 N	01 N	03 N	09
1	2	-	15	9	17	7	19	38	26	0	0	0	0	0	6	5	2	3	2	
2	12	-	5	19	14	10	16	41	0	0	0	0	0	0	5	9	1	3	1	
3	10	15	0	7	22	6	19	36	6	0	0	0	0	0	0	14	1	3	1	
4	6	5	5	33	9	7	23	17	0	0	-	0	0	0	0	0	2	2	1	
5	3	0	0	12	16	6	16	32	10	0	-	0	0	0	0	5	2	7	1	
6	5	0	0	16	11	6	42	28	0	0	-	0	0	0	0	4	3	7	1	
7	2	0	0	25	31	13	17	26	0	0	-	5	0	0	7	2	5	2		
8	0	0	0	21	14	9	17	14	12	0	-	13	-	5	6	2	4	1		
9	0	10	10	23	14	9	17	19	18	0	-	5	-	11	3	2	2	1		
10	0	5	10	18	10	7	20	43	7	0	-	0	-	10	3	1	2	1		
11	0	10	5	13	19	7	28	26	38	0	-	9	-	0	3	1	2	1		
12	4	5	5	13	21	7	27	27	10	11	-	5	-	8	3	1	3	2		
13	3	0	10	15	12	14	12	22	41	0	-	8	-	0	3	1	2	-		
14	6	5	10	21	11	12	21	30	31	0	-	0	-	0	5	1	2	1		
15	13	10	10	23	12	7	22	29	65	5	6	7	0	11	8	1	3	1		
16	14	10	15	20	16	11	35	38	7	0	5	0	0	14	6	1	1	1		
17	4	0	10	18	15	13	23	30	24	0	0	0	0	0	6	1	1	1		
18	2	5	10	18	20	13	23	25	15	0	4	14	0	0	8	1	4	4		
19	0	0	0	16	21	7	11	18	0	0	4	0	0	2	11	4	4	2		
20	0	0	0	10	22	7	14	20	0	0	5	0	5	0	3	3	5	2		
21	11	5	5	-	-	-	-	-	26	0	5	0	10	3	6	3	3	1		
22	10	0	10	-	-	-	-	-	19	0	0	0	-	9	5	3	3	1		
23	2	5	10	-	-	-	-	-	49	0	6	7	-	7	10	2	3	1		
24	11	0	10	-	-	-	-	-	44	0	14	0	-	8	6	3	2	1		
25	0	0	5	-	-	-	-	-	19	-	0	-	-	8	8	2	1	1		
26	3	0	10	-	-	-	-	-	10	0	0	-	-	7	15	2	2	1		
27	5	0	0	-	-	-	-	-	9	0	0	-	-	0	6	2	1	1		
28	0	5	5	-	-	-	-	-	15	0	0	-	-	11	10	2	1	1		
29	0	0	10	-	-	-	-	-	36	0	13	-	7	6	18	2	1	1		
30	0	5	10	-	-	-	-	-	46	7	0	-	8	6	7	2	2	1		
31	0	0	5	-	-	-	-	-	39	0	0	-	17	8	4	2	3	1		

SO2 IN AIR (MICROGRAMS PER M3)

DATE	N 22	N 23	N 25	N 26	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05
1	5	3	2	2	6	0	4	9	-	9	28	-	-
2	3	3	1	1	0	5	12	10	12	6	13	-	-
3	1	2	1	1	20	33	16	0	8	7	4	-	-
4	4	2	1	1	17	32	10	29	11	12	10	-	-
5	4	2	1	2	15	8	0	14	12	6	7	-	-
6	2	3	1	1	11	25	0	8	5	8	32	-	-
7	11	3	1	2	7	23	0	15	6	2	10	-	-
8	4	4	1	1	8	5	4	13	3	12	10	-	-
9	5	4	1	1	0	0	0	0	9	7	9	-	-
10	4	3	1	1	0	0	0	0	18	12	8	-	-
11	4	3	1	1	15	0	0	0	10	4	9	15	-
12	6	8	1	1	0	0	0	7	13	1	5	10	-
13	8	3	2	1	0	0	0	0	7	6	6	13	-
14	15	1	1	1	0	0	0	0	8	2	8	10	-
15	8	3	1	1	0	0	0	0	7	11	7	10	-
16	26	3	2	1	11	16	34	0	7	11	9	8	-
17	7	2	2	1	4	7	9	6	11	7	7	2	-
18	10	12	1	6	21	21	28	0	8	11	9	3	-
19	9	14	1	5	7	0	0	7	8	15	9	8	-
20	11	3	1	1	6	0	0	0	13	4	5	7	-
21	3	4	1	2	0	0	0	0	8	4	6	9	-
22	3	2	1	1	0	0	0	0	8	0	7	5	-
23	5	3	1	1	0	0	9	0	10	5	5	3	-
24	3	4	1	1	9	4	4	7	8	16	11	6	-
25	3	1	1	1	0	0	0	23	6	3	4	6	-
26	4	1	1	1	4	0	0	15	5	5	3	4	-
27	5	1	1	1	0	0	0	7	5	6	5	8	-
28	5	1	2	1	0	0	0	9	6	9	9	5	11
29	15	1	1	1	0	0	0	0	9	4	6	4	5
30	7	4	1	1	0	0	0	0	6	7	9	0	8
31	7	5	1	2	7	0	0	5	8	6	8	0	2

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 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 8	UK 9	UK11
1	-	-	11	-	0	3	0	0	33	3	7	57	42
2	-	-	14	-	3	3	0	0	13	24	7	36	42
3	-	-	13	-	0	0	3	0	29	-	7	49	36
4	-	-	6	36	0	0	3	3	52	-	7	56	36
5	-	-	6	9	0	3	0	0	45	10	7	42	36
6	-	-	20	6	3	13	0	0	16	4	7	35	60
7	-	-	6	0	9	0	0	3	18	22	0	42	30
8	-	-	9	26	8	0	0	0	7	16	0	35	48
9	-	-	2	24	5	0	0	0	29	7	7	49	54
10	-	-	4	62	8	0	0	6	41	18	7	56	48
11	-	-	9	15	8	0	0	0	49	8	7	59	54
12	-	-	3	7	5	0	0	3	47	7	7	59	54
13	-	-	4	13	7	0	0	0	46	1	7	30	60
14	-	12	9	10	6	3	0	0	12	17	7	52	30
15	-	11	6	3	10	0	0	0	40	3	13	111	60
16	14	12	12	3	3	0	0	0	47	1	13	44	48
17	13	8	17	16	0	0	0	0	41	7	13	44	66
18	17	9	9	7	3	0	0	0	17	4	7	22	48
19	13	15	7	10	3	0	0	3	19	1	7	29	54
20	15	12	9	7	3	0	0	0	44	3	13	36	54
21	11	5	10	10	3	0	2	5	40	15	13	50	47
22	9	22	10	10	0	0	3	2	22	24	13	43	36
23	12	9	8	24	0	0	0	3	17	16	7	50	53
24	14	8	8	7	8	0	3	5	29	3	7	50	53
25	13	9	11	0	8	3	0	3	30	1	7	14	47
26	10	10	-	0	5	0	0	0	23	1	7	36	47
27	9	6	-	7	3	0	0	0	14	1	7	22	47
28	9	6	-	7	3	0	0	0	26	4	0	58	79
29	8	13	11	13	3	0	3	0	31	7	7	79	71
30	9	6	6	24	3	0	0	0	35	2	7	65	55
31	14	19	8	17	0	0	6	0	31	1	7	65	79

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 2	DK 3	DK 4	DK 5	DK 6	F 01	F 02	F 03	F 04	F 05
1	7.9	-	8.9	2.9	2.4	2.4	1.9	3.6	1.1	1.2	2.2	3.6	6.6	7.5	3.9	3.0	10.2	7.9
2	12.9	-	6.0	1.7	1.2	3.4	3.1	3.8	2.2	2.3	2.3	3.2	5.8	2.3	0.9	3.3	7.6	2.8
3	6.7	23.1	2.8	1.9	3.8	1.2	1.9	4.1	5.8	2.4	4.4	6.2	1.4	29.6	2.8	2.8	4.1	7.1
4	2.3	1.2	5.8	5.0	5.0	1.7	4.3	1.7	5.3	8.6	9.2	10.6	2.6	2.7	2.4	-	2.5	5.1
5	5.8	1.6	6.3	3.1	3.6	2.6	2.6	3.1	3.8	2.2	1.8	3.4	6.7	0.2	2.1	-	3.2	4.2
6	5.4	0.9	4.7	3.6	1.7	2.2	3.8	2.2	1.7	2.2	3.2	4.9	5.5	1.8	0.2	-	4.0	1.8
7	7.4	1.3	1.7	7.4	4.8	1.4	1.4	2.4	5.9	13.2	10.2	11.9	10.5	3.6	1.1	-	0.8	3.1
8	3.8	2.2	2.8	5.0	3.4	0.7	1.4	1.4	7.0	9.4	11.5	10.0	10.5	1.7	1.1	-	0.8	-
9	3.5	2.9	4.3	4.3	4.1	1.7	2.4	1.9	5.8	6.6	3.8	4.7	1.1	20.8	3.8	-	4.5	-
10	5.5	3.2	7.9	3.6	2.9	3.4	4.3	2.4	6.8	2.0	1.4	2.0	0.9	10.1	8.2	-	8.2	-
11	8.2	2.3	4.5	2.2	5.3	2.6	4.3	3.8	2.6	3.1	2.3	2.9	4.7	10.0	1.2	-	5.2	-
12	7.0	4.5	6.4	2.4	6.7	3.1	7.0	3.8	1.4	2.0	2.2	4.3	16.3	6.4	9.0	-	7.4	-
13	9.2	2.3	5.7	2.9	2.6	2.9	1.7	5.3	4.2	7.9	10.7	11.3	3.0	8.7	7.4	-	7.3	-
14	10.4	4.4	6.2	6.7	3.6	2.2	4.3	3.1	4.7	5.5	5.4	18.2	6.0	14.1	7.4	-	11.0	-
15	12.6	2.9	8.8	4.1	5.0	2.9	3.6	4.8	4.6	7.1	4.0	10.9	4.3	28.0	9.5	7.0	14.2	5.0
16	8.6	2.3	9.7	4.8	4.3	4.1	8.4	3.8	6.5	7.2	4.1	13.1	4.9	16.5	3.6	9.4	14.8	4.2
17	0.0	8.7	9.3	3.6	5.5	1.7	3.4	4.8	3.6	5.0	2.5	5.0	2.9	16.5	1.8	5.5	2.9	13.5
18	4.7	0.5	7.9	8.4	7.0	3.4	7.4	4.3	3.2	11.2	11.3	12.5	3.7	11.9	2.8	4.1	-	0.2
19	12.3	4.5	1.4	4.8	4.1	1.0	1.0	2.9	8.9	3.1	7.7	3.0	3.8	2.9	0.7	0.6	-	2.6
20	6.4	0.6	1.7	3.4	3.1	1.2	1.4	1.9	0.8	1.9	4.4	5.4	1.4	2.2	1.8	1.4	-	0.0
21	4.5	0.3	5.3	2.2	2.4	1.7	1.9	1.9	2.5	3.2	1.9	6.7	1.9	0.1	0.9	3.6	-	3.0
22	3.3	2.3	6.7	2.4	2.4	1.9	3.6	0.5	2.6	3.0	4.4	4.7	7.4	0.0	4.6	3.4	-	-
23	6.7	2.9	4.8	4.8	1.9	1.2	2.6	1.0	5.0	5.0	2.4	4.2	6.5	14.9	2.7	10.2	-	-
24	5.0	3.4	6.6	4.3	2.9	1.7	4.3	1.9	4.1	2.8	2.6	3.8	2.0	16.0	7.0	21.4	-	-
25	5.8	2.2	8.8	3.1	1.9	2.4	3.1	1.4	2.8	0.8	0.5	1.0	3.7	7.2	-	15.0	-	-
26	2.4	6.7	6.6	3.4	0.7	1.4	2.2	1.4	1.6	0.8	0.5	1.1	1.3	7.2	8.2	4.8	-	-
27	3.4	4.8	2.8	2.9	1.2	1.0	1.4	0.5	1.1	0.7	0.4	0.7	1.1	5.2	3.5	0.6	-	-
28	2.5	0.2	2.5	3.4	1.0	0.7	1.4	0.5	2.2	1.9	0.8	1.4	1.6	1.4	2.6	6.1	-	-
29	3.9	1.1	1.9	2.2	1.9	1.2	1.4	1.0	2.5	2.3	1.6	3.6	2.6	8.6	2.2	5.8	-	6.0
30	5.6	3.8	4.6	2.4	2.2	0.7	2.6	2.2	2.4	3.5	2.5	5.0	4.8	10.1	5.0	6.6	-	4.5
31	5.0	2.2	5.2	3.1	2.9	1.4	4.3	2.4	3.4	2.8	1.7	3.4	3.4	17.6	7.7	3.3	-	7.9

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	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	S 05
1	6.7	1.5	1.1	1.3	0.8	3.3	0.6	0.4	1.3	2.2	0.8	1.1	3.7	4.5	6.8	4.2	4.2	1.0
2	3.4	2.0	1.6	1.8	1.4	2.3	1.2	0.3	1.0	5.3	1.6	2.9	8.1	2.5	1.7	1.8	8.8	0.8
3	2.6	1.0	0.9	1.0	0.4	1.8	1.4	0.5	0.8	12.5	8.5	1.6	9.2	1.6	1.9	1.5	1.7	0.9
4	4.4	1.4	0.9	0.8	0.5	2.2	1.6	0.3	0.5	8.2	6.8	4.5	5.5	5.0	5.1	1.6	2.6	1.4
5	5.4	0.2	0.4	0.2	1.5	2.4	0.8	0.4	0.1	2.2	2.0	1.0	3.3	2.2	2.5	3.9	4.0	0.7
6	5.1	0.3	2.0	2.1	0.6	4.1	2.3	0.5	0.9	5.4	5.6	4.3	5.5	0.9	2.8	1.5	3.4	4.4
7	0.8	0.3	2.7	2.8	3.7	5.8	1.9	0.5	1.7	7.2	4.4	3.7	4.6	5.6	5.3	3.5	3.2	3.0
8	2.8	0.3	2.9	2.7	3.7	4.3	2.3	1.0	2.2	7.9	4.9	5.0	4.2	4.8	5.9	6.2	6.4	5.4
9	7.2	0.3	2.9	2.4	2.2	4.4	0.5	2.2	3.1	6.2	0.0	4.5	5.6	2.0	4.3	4.5	4.2	2.0
10	6.9	0.3	1.7	1.7	2.0	2.3	0.5	0.6	1.7	5.2	2.5	2.2	4.2	1.0	1.6	0.7	0.5	1.1
11	4.4	1.2	0.8	1.0	0.7	1.2	0.1	0.8	0.7	9.4	4.1	2.0	12.1	1.8	1.2	0.4	5.2	1.0
12	5.0	0.2	1.4	1.2	1.8	4.5	0.8	0.8	2.3	1.5	4.3	1.5	2.5	2.3	3.9	0.7	4.8	1.4
13	7.4	0.3	3.6	2.3	0.1	2.5	2.0	1.8	2.5	2.5	2.0	1.9	2.5	7.8	8.1	4.8	3.8	1.0
14	7.2	0.3	2.6	2.8	1.4	5.8	0.5	1.5	3.5	4.9	9.2	4.5	4.3	5.1	2.8	3.6	5.8	2.0
15	14.3	0.8	3.4	3.3	2.6	8.7	0.7	0.1	1.4	13.1	7.8	4.1	10.2	3.9	4.8	3.9	5.8	0.8
16	12.9	0.8	2.0	2.3	2.5	6.6	0.5	0.2	0.3	24.4	11.5	14.9	12.3	4.4	4.2	3.8	5.0	0.6
17	4.6	0.7	0.9	6.0	1.8	2.4	2.5	0.1	0.5	7.7	12.6	9.8	10.3	3.3	2.4	3.7	2.3	1.8
18	5.0	0.3	6.6	0.7	3.8	7.0	4.8	-	2.8	12.5	14.8	11.7	10.4	2.9	5.5	2.9	3.1	1.5
19	0.0	0.3	1.0	0.7	0.2	4.8	4.6	0.5	1.1	3.8	1.8	1.3	2.8	4.6	6.7	2.8	2.8	2.7
20	1.8	0.6	0.2	1.1	1.3	0.9	1.0	0.6	0.2	4.8	2.3	1.1	4.2	1.5	0.7	1.2	3.0	2.2
21	5.0	0.6	0.9	0.9	0.5	1.9	1.4	0.8	0.8	4.5	6.7	1.2	5.5	3.6	2.0	3.2	6.2	1.7
22	5.9	0.4	0.7	1.3	0.2	1.8	0.8	0.7	0.4	2.8	2.9	2.1	3.1	3.1	3.0	2.7	4.2	2.6
23	5.3	1.0	1.6	1.6	1.3	4.8	0.1	1.3	0.8	5.6	5.2	2.0	5.0	2.3	3.8	4.0	3.7	2.8
24	1.6	1.4	0.1	1.5	1.8	2.7	1.1	0.6	0.7	5.6	5.2	5.0	6.4	3.0	3.5	3.1	4.1	3.4
25	9.0	1.0	1.0	1.0	0.7	0.3	0.1	0.1	0.4	2.4	1.2	0.7	4.2	0.6	0.4	0.3	0.9	0.9
26	5.7	0.8	0.3	0.4	0.6	1.8	0.2	0.1	0.3	2.5	1.5	1.9	3.0	0.6	0.3	0.2	1.2	2.3
27	2.0	0.6	0.4	0.4	0.3	1.6	0.7	0.4	0.3	1.8	0.9	0.5	2.1	0.7	0.7	0.8	2.5	1.9
28	2.9	0.6	0.6	0.6	0.5	1.7	0.6	0.2	0.8	0.8	0.5	0.7	0.9	1.4	1.4	1.8	1.6	1.5
29	3.4	0.2	0.8	0.7	0.6	2.0	0.3	0.2	0.4	1.1	1.4	1.2	1.4	2.0	2.4	2.5	2.3	1.0
30	2.8	1.4	1.1	1.0	0.8	1.6	1.3	0.6	1.0	1.8	1.8	1.4	2.3	3.0	2.8	2.6	3.2	1.8
31	7.4	0.4	1.9	2.0	1.8	2.7	2.6	0.9	1.8	10.1	2.5	0.8	0.0	1.6	1.6	3.5	1.6	2.9

SULPHATE COLLECTED ON FILTER (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 7	UK 8	UK 9	UK 11
1	0.7	5.6	1.6	-	2.2	2.5	3.0	1.1	5.0	1.0	2.0	1.0	4.0	2.0
2	0.1	2.3	1.9	-	5.5	4.7	3.2	0.1	6.0	2.0	2.0	1.0	3.0	3.0
3	0.0	2.7	1.3	-	1.9	1.5	2.6	0.3	3.0	-	1.0	1.0	3.0	2.0
4	0.0	3.1	1.8	1.8	0.9	-	1.8	0.8	6.0	-	2.0	1.0	4.0	1.0
5	0.5	9.1	1.8	2.1	2.0	-	1.4	0.6	5.0	2.0	2.0	1.0	4.0	2.0
6	1.1	1.3	5.8	2.2	4.1	-	5.3	1.5	2.0	2.0	3.0	1.0	4.0	2.0
7	0.7	4.1	7.2	2.0	3.5	6.2	3.7	3.5	5.0	4.0	3.0	2.0	4.0	2.0
8	1.8	6.4	2.7	3.7	3.5	2.8	3.2	0.4	5.0	6.0	2.0	4.0	5.0	3.0
9	3.7	1.0	1.3	3.8	1.7	1.3	1.2	0.5	9.0	2.0	2.0	2.0	7.0	1.0
10	0.8	0.8	0.7	3.4	1.9	2.2	0.6	0.6	7.0	2.0	1.0	2.0	4.0	1.0
11	0.6	2.1	0.9	1.5	1.8	3.3	3.3	0.5	3.0	1.0	2.0	1.0	3.0	2.0
12	3.5	9.5	0.9	2.2	2.0	1.3	1.5	0.8	6.0	2.0	1.0	1.0	5.0	2.0
13	3.5	8.9	1.1	2.6	2.8	2.5	1.1	0.6	6.0	2.0	1.0	3.0	3.0	5.0
14	3.7	6.9	1.2	2.7	4.3	1.8	2.9	0.7	6.0	11.0	2.0	5.0	8.0	2.0
15	3.9	5.1	1.3	1.8	2.8	2.3	1.0	0.4	12.0	4.0	1.0	3.0	17.0	4.0
16	0.0	4.6	1.2	2.4	1.0	1.1	1.1	0.4	14.0	1.0	1.0	3.0	11.0	1.0
17	2.6	1.5	1.4	1.5	1.2	2.1	1.4	0.6	12.0	4.0	2.0	2.0	10.0	1.0
18	3.4	1.7	2.1	1.5	2.9	1.3	0.6	1.1	2.0	1.0	2.0	1.0	3.0	1.0
19	2.8	7.6	2.3	1.7	2.4	1.1	1.2	0.9	2.0	1.0	2.0	1.0	3.0	3.0
20	1.0	3.7	1.8	2.5	2.8	1.8	1.3	0.8	4.0	1.0	1.0	1.0	3.0	7.0
21	1.2	10.4	1.7	3.7	4.3	2.9	2.1	0.4	4.0	2.0	1.0	1.0	3.0	1.0
22	0.9	6.5	2.1	2.2	2.0	0.8	1.5	0.1	2.0	3.0	-	1.0	3.0	1.0
23	4.9	1.8	1.8	2.3	0.6	0.5	0.6	0.6	5.0	4.0	2.0	2.0	4.0	4.0
24	3.8	4.0	2.9	1.5	1.3	1.1	0.8	1.3	5.0	2.0	2.0	1.0	6.0	2.0
25	0.0	0.1	3.3	1.5	1.8	1.3	0.8	0.7	3.0	2.0	1.0	1.0	4.0	2.0
26	0.0	0.1	2.7	1.5	1.3	0.7	0.6	0.7	4.0	1.0	1.0	1.0	3.0	1.0
27	0.7	0.3	2.7	1.3	1.1	0.9	0.8	0.4	1.0	1.0	1.0	1.0	2.0	1.0
28	0.8	0.9	3.3	1.9	1.3	1.5	1.0	0.6	2.0	1.0	2.0	1.0	3.0	3.0
29	1.0	5.7	2.9	3.5	2.7	2.0	1.1	0.6	2.0	2.0	1.0	1.0	2.0	3.0
30	1.5	3.5	6.2	0.0	2.0	1.2	1.6	0.8	7.0	1.0	1.0	1.0	8.0	6.0
31	2.2	2.7	2.9	1.9	1.4	1.1	1.1	0.8	12.0	2.0	1.0	3.0	6.0	7.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 05	F 06	IC 1	N 01
1	343	0	5	10	6	20	37	-	27	-	7	28	7	-	12	-	6	22
2	7	9	13	33	9	-	20	-	43	-	-	19	-	51	36	13	-	9
3	-	21	-	34	21	57	49	-	16	-	26	11	-	-	-	-	6	15
4	5	-	-	-	-	-	-	10	-	-	-	12	-	-	-	-	-	3
5	3	-	8	8	20	-	98	10	34	-	7	-	-	-	8	-	27	-
6	-	-	13	-	20	-	24	-	29	11	6	12	33	-	-	15	-	7
7	2	24	7	18	8	90	49	32	20	31	4	13	-	-	64	40	-	30
8	6	15	12	12	17	-	82	-	51	60	-	15	29	-	-	50	-	6
9	18	20	-	13	19	-	7	22	43	7	49	15	-	-	-	10	-	-
10	9	5	13	-	9	55	-	-	-	-	24	13	40	-	-	5	3	-
11	2	14	-	15	29	70	29	-	6	-	9	-	-	-	-	-	4	-
12	4	6	-	-	6	24	18	20	-	10	-	5	-	-	-	-	2	-
13	1	-	20	-	1	-	-	-	-	16	-	-	-	-	-	-	-	-
14	3	-	11	19	33	-	-	13	-	-	15	-	-	-	-	-	-	-
15	13	-	87	-	35	-	-	3	-	9	-	-	-	-	-	-	25	-
16	8	-	99	13	2	-	21	13	-	-	46	2	-	-	16	-	-	3
17	15	-	9	23	21	-	-	-	-	-	7	23	-	-	-	1	5	19
18	-	-	16	-	-	-	70	-	-	5	-	14	36	-	71	-	3	169
19	5	-	19	25	46	115	81	6	-	15	26	30	42	-	50	-	33	339
20	16	-	8	4	27	31	-	-	-	12	4	41	62	-	19	18	-	8
21	20	3	-	9	41	-	-	25	51	8	25	-	48	-	-	-	-	7
22	30	-	22	-	8	-	74	62	41	53	91	48	-	-	-	25	1	17
23	6	6	5	35	31	-	-	20	30	15	57	32	-	-	-	16	121	-
24	10	-	16	12	9	-	94	2	23	-	76	-	10	-	-	-	-	-
25	-	-	17	-	2	-	180	32	27	29	51	-	10	34	-	-	-	-
26	17	1	18	25	46	-	161	15	93	22	34	-	-	-	-	28	9	-
27	6	84	24	19	27	-	235	8	38	17	48	24	18	-	-	26	-	-
28	-	80	16	36	34	-	-	7	40	9	28	14	52	-	-	-	5	-
29	-	67	-	12	26	-	-	3	53	13	27	8	34	-	-	52	4	-
30	-	-	-	-	14	-	-	16	29	15	20	19	10	-	-	-	0	-
31	-	26	7	-	7	-	-	11	15	-	8	4	-	-	-	30	-	7

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

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
1	25	8	3	9	0	-	27	-	2	-	13	-
2	20	2	7	43	-	-	5	-	-	-	12	24
3	10	16	-	7	-	-	14	-	-	-	4	-
4	6	35	3	4	1	14	8	-	-	7	-	-
5	-	6	2	3	-	-	2	-	-	-	8	-
6	4	4	1	5	4	2	6	-	-	14	8	20
7	26	30	0	30	-	4	7	-	-	-	-	14
8	-	3	-	-	-	-	7	-	-	2	-	-
9	-	4	-	-	-	-	9	-	6	-	-	-
10	-	-	-	-	-	-	-	-	4	-	-	-
11	-	1	-	-	-	-	-	2	0	4	21	16
12	-	4	-	-	-	-	8	-	-	-	8	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	2	3	-	10	1	2	-	-
15	1	5	0	-	-	-	1	1	0	-	-	-
16	1	5	-	0	-	6	5	0	1	-	-	-
17	13	32	0	8	1	1	10	-	0	3	-	-
18	110	88	89	69	81	100	82	-	-	3	-	11
19	111	274	84	76	9	27	161	-	-	17	29	28
20	7	15	-	1	5	-	16	-	-	-	6	4
21	2	11	-	-	-	-	8	-	-	6	10	31
22	9	30	8	11	6	5	5	-	-	-	36	37
23	-	-	1	-	-	1	-	-	-	-	-	-
24	-	-	3	4	12	14	-	6	5	-	-	-
25	-	-	6	-	4	6	-	4	0	-	-	-
26	-	1	2	1	-	3	-	1	-	2	-	-
27	-	1	3	1	-	-	-	-	-	6	13	-
28	-	-	-	-	-	-	-	-	-	-	3	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	1	-
31	-	5	-	-	-	-	3	-	-	-	-	18

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOPER 74

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	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	S 08
1	-	-	3	-	5	-	6	-	9	7	-	-	-	-	-	2	4	34
2	4	11	-	-	6	-	-	-	-	-	-	15	15	41	75	6	7	39
3	-	12	31	-	4	1	-	23	22	0	-	4	4	-	-	7	5	-
4	5	-	13	5	18	3	6	8	19	7	-	9	34	-	19	16	4	-
5	8	38	4	-	2	-	-	5	4	3	27	79	-	19	10	10	-	44
6	4	5	7	-	3	-	-	11	12	32	13	9	-	18	43	18	28	10
7	5	51	30	-	15	0	-	22	14	5	11	-	-	-	-	18	-	18
8	10	16	4	-	-	-	-	-	3	-	21	244	-	-	-	70	-	7
9	-	-	-	-	2	-	-	12	23	6	23	25	14	15	14	15	-	34
10	-	2	-	-	-	-	-	-	-	14	4	29	6	12	5	9	2	5
11	4	10	5	-	2	-	-	-	-	4	-	18	7	16	4	4	-	7
12	-	1	4	-	6	-	-	11	3	19	2	31	-	-	-	-	-	41
13	-	-	-	-	-	-	-	-	-	2	67	9	-	-	-	-	-	21
14	-	-	-	21	-	1	2	-	-	-	-	-	-	-	-	4	-	6
15	-	-	-	0	-	-	3	-	-	-	-	-	-	-	-	-	-	-
16	2	-	4	-	3	0	1	-	-	-	-	-	-	-	-	7	-	-
17	5	6	13	3	4	1	2	-	-	-	-	-	-	8	-	-	3	8
18	87	-	32	8	101	6	-	38	45	75	58	18	31	-	-	-	-	4
19	93	57	41	4	67	11	-	-	2	15	9	27	-	64	36	-	-	24
20	66	-	12	-	3	-	1	10	-	-	4	4	-	17	31	-	13	6
21	2	22	20	-	8	-	-	-	-	-	22	92	5	37	58	-	-	50
22	11	36	25	-	13	2	0	38	-	7	-	95	3	34	25	-	23	20
23	1	-	-	-	-	-	-	-	-	16	-	10	0	-	-	-	-	11
24	-	-	-	5	-	0	1	10	-	-	-	16	-	-	11	18	-	9
25	-	-	-	71	-	-	0	22	13	16	23	28	-	-	-	1	-	-
26	1	-	-	81	-	-	1	18	3	7	20	6	5	-	-	-	1	-
27	2	6	3	2	-	-	1	49	29	13	7	59	4	18	4	-	1	11
28	-	-	-	-	-	-	-	11	7	17	30	4	-	9	14	9	4	8
29	-	-	-	-	-	-	1	-	-	25	-	3	-	-	4	2	-	3
30	-	2	-	-	-	-	-	-	-	1	11	9	-	-	14	-	-	20
31	-	4	5	-	-	-	-	-	9	-	-	31	1	10	21	-	-	32

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	4	10	53	22	5	2	4	1
2	24	46	11	-	8	10	32	6	-
3	28	-	-	13	13	9	30	-	-
4	46	24	23	48	23	-	30	-	-
5	-	12	11	31	9	8	-	-	8
6	17	31	-	-	-	3	11	11	4
7	9	-	-	24	-	7	15	-	-
8	-	-	-	-	-	-	1	-	-
9	-	28	18	44	7	-	-	6	-
10	30	17	10	37	13	-	5	-	1
11	15	7	9	10	18	1	-	-	-
12	-	-	-	18	-	-	-	-	-
13	-	7	-	-	-	-	-	-	2
14	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	61	-	3
16	-	-	-	-	-	-	46	4	4
17	14	-	-	-	-	-	-	10	2
18	29	-	-	-	-	-	13	4	1
19	-	-	2	6	-	-	2	-	-
20	3	83	12	63	-	-	-	-	1
21	45	31	7	27	4	-	12	-	-
22	-	13	7	42	4	-	-	-	-
23	-	-	14	18	3	-	-	-	-
24	15	11	1	25	-	1	-	-	-
25	-	-	8	18	3	3	-	-	1
26	15	3	2	7	4	0	-	3	1
27	-	5	3	17	3	2	3	-	1
28	10	11	10	9	4	-	9	-	1
29	26	11	-	29	2	1	5	-	-
30	18	16	7	22	4	-	8	4	3
31	-	31	10	19	3	0	-	6	3

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 74

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01
1	NEG	NEG	NEG	NEG	NEG	*200	431	-	161	*48	63	-77	-	-	-	-	-	NEG
2	*88	NEG	NEG	*723	*250	-	99	-	380	*22	-	-	-8	-294	10	-	116	541
3	-	NEG	-	*559	NEG*2010	-	238	-	438	*17	265	-	-	49	-	NEG	-	*55
4	NEG	-	-	-	-	-	-	RR	-	-	-	-	235	-	-	NEG	-	96
5	NEG	-	NEG	*79	*52	-	260	36	410	*74	55	-	-43	92	-	451	155	-
6	-	-	*132	-	*111	-	15	-	672	82	41	NEG	-146	NEG	152	*82	-16	312
7	NEG	NEG	*83	*531	*88*1712	-	185	215	281	432	43	9	-	-	-	*19	-	630
8	NEG	NEG	*168	*71	*178	-	850	-	928	871	-	NEG	-	*43	168	147	NEG	378
9	NEG	*259	-	*700	*89	-	51	218	881	110	616	NEG	12	65	396	307	118	280
10	NEG	*24	NEG	-	NEG	NEG	-	-	-	*49	252	NEG	202	*32	-6	*39	*20	210
11	NEG	*360	-	*226	*599*2400	-	23	-	90	113	-	NEG	*72	72	-	*2	13	NEG
12	NEG	*44	-	-	NEG	*629	71	203	*14	89	-	-21	NEG	44	-	109	1572	140
13	NEG	-	*152	-	NEG	-	-	-	125	282	-	1770	-	-	-	*57	533	-
14	NEG	-	*145	*131	*193	-	-	116	428	*60	235	-52	-	-	-	-	*135	-
15	NEG	-	*754	-	*959	-	-	-	*48	-	172	-	894	-	-	-	-	-
16	NEG	-	NEG	*119	*50	-	59	162	54	-	59	-145	-	-	-	-	-	26
17	NEG	-	NEG	NEG	*980	-	-	-	656	-	-	69	-92	*60	-	-	-	NEG
18	-	-	NEG	-	-	-	371	-	61	99	-	-262	NEG	*126	NEG	235	*68	1182
19	NEG	-	*211	*444*1322	NEG	NEG	157	29	726	269	113	-105	129	152	-	372	399	1128
20	NEG	-	*60	*50	NEG	NEG	-	-	777	231	14	-	NEG	-	55	-	634	592
21	NEG	*88	-	NEG	NEG	-	-	105	520	106	55	NEG	160	NEG	60	*21	215	-
22	NEG	-	*506	-	*41	-	78	154	135	154	162	NEG	108	*164	-10	453	-145	502
23	NEG	*559	*28	NEG	*293	-	-	45	116	228	153	-63	-	-	NEG	*14	228	893
24	NEG	-	NEG	NEG	*90	-	19	*49	108	-	182	NEG	-205	74	-	*5	NEG	-
25	-	-	*64	-	NEG	-	53	106	191	423	370	-22	-	-	-	-	-	-
26	NEG	*13	*94	NEG	*929	-	78	32	364	230	48	-265	-17	NEG	0	*37	7	*208
27	NEG*3000	*201	*101	*896	-	-	137	51	125	66	92-1020	-71	25	NEG	*38	-144	275	-
28	NEG*3018	*330	NEG	*303	-	-	-	18	158	36	58	-	-18	-	104	109	3	201
29	*210*3804	-	*168	*325	-	-	-	9	202	135	*234	-245	NEG	*73	-	-	774	*99
30	-	-	-	*452	-	-	-	132	114	119	112	-283	142	*18	NEG	*54	819	654
31	NEG	NEG	NEG	-	*208	-	-	70	44	-	17	-80	*46	NEG	-503	95	88	*126

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	F 02	F 03	F 04	F 05	F 06	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 18
1	96	-	-	10	-	NEG	493	384	151	47	107	35	-	616	-	NEG	-	41
2	-	1190	-	96	NEG	-	323	225	38	122	868	-	-	-158	-	-	-	70
3	-	-	-	-	NEG	NEG	420	228	336	-	90	-	-	208	-	-	-	15
4	-	-	-	-	-	-	141	175	653	59	102	77	-115	182	-	-	138	-
5	-	-	-	209	-	NEG	-	-	41	4	43	-	-24	48	-	-	-	191
6	NEG	-	-	-	602	-	207	45	48	44	70	59	-253	124	-	-	468	250
7	NEG	-	NEG	633	1760	-	1040	871	662	10	630	-	67	160	-	-	-	-
8	NEG	-	NEG	-	NEG	-	202	-	50	-	-	-	-	84	-	-	NEG	-
9	-	-	NEG	-	192	-	-	-	71	-	-	-	-	126	-	51	-	-
10	NEG	-	-	-	NEG	NEG	-	-	-	-	-	-	-	-	-	85	-	-
11	-	-	-	-	-	NEG	-	-	17	-	-	-	-	-	-138	-	32	458
12	-	-	-	-	-	NEG	-	-	109	-	-	-	-	71	-	-	-	129
13	-	-	-	-	98	NEG	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	NEG	-	-	-	-	-	9	NEG	-	42	-14	NEG	-
15	-	-	-	-	NEG	NEG	-	-23	17	5	-	-	-	NEG	-50	NEG	-	-
16	-	-	-	49	184	NEG	86	8	6	-	NEG	-	NEG	14	-104	NEG	-	-
17	264	-	-	-	NEG	NEG	388	150	332	-	1024	-6	NEG	90	-	NEG	NEG	-
18	378	1986	-	1372	996	NEG	4136	2851	1051	2400	231	1433	1670	1991	-	-	NEG	-
19	588	-	-	1100	1058	NEG	2861	2030	4400	1077	1100	279	396	3397	-	-	210	132
20	1596	-	-	212	1176	-	203	121	205	-	NEG	107	-	366	-	-	-	52
21	1325	-	-	-	-	-	119	6	NEG	-	-	-	-	143	-	-	90	115
22	-	-	-	-	246	NEG	357	51	316	117	49	55	-36	60	-	-	-	488
23	-	-	-	-	561	NEG	-	-	-	10	-	-	NEG	-	-	-	-	-
24	157	-	-	-	-	-	-	-	-	9	13	-77	-31	-	-61	135	-	-
25	76	1600	-	-	-	NEG	-	-	-	-	-	-40	14	-	-213	NEG	-	-
26	-	-	-	-	288	NEG	-	-	2	20	NEG	-8	6	-	-49	-	20	-
27	314	-	-	-	720	-	-	-	NEG	8	NEG	NEG	-122	-	-	-	99	125
28	619	-	-	-	-	NEG	-	-	-	-	-	-	-	-	-	-	-	24
29	520	-	-	-	580	NEG	-	-	-	-	-	-	-	-	-	-	-	-
30	546	-	-	-	-	NEG	-	-	-	-	-	-	-	-	-	-	-	7
31	-	-	-	-	684	NEG	70	-	NEG	-	-	-	-	15	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 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	-	-	-	NEG	-	-	81	-	114	*25	147	352	-	-	-	-	-	33
2	361	29	134	-	-	-	114	-	-	-	-	-	*8	176	229	235	1166	137
3	-	-	-168	610	-	-	107	8	-	498	680	1039	-	26	19	-	6	144
4	-	68	-	324	62	-	618	31	105	*114	581	574	-	197	665	-	589	211
5	-	143	1163	83	-	-	101	-	-	239	*125	595	427	1512	-	352	378	171
6	330	146	-32	125	-	-	86	-	-	415	468	1091	553	57	-	344	655	353
7	296	168	1494	152	-	NEG	402	-	-	568	690	*160	86	-	-	-	-	340
8	-	230	272	70	-	NEG	-	-	-	-	*91	-	391	2320	-	-	-	918
9	-	-	-	-	-	NEG	NEG	-	-	239	437	68	294	378	217	143	339	175
10	-	-	-	-	-	NEG	-	-	-	-	-	274	*46	354	94	74	37	106
11	345	68	200	45	-	NEG	-50	-	-	*17	-	159	-	568	97	90	113	129
12	-	-	11	-15	-	-	-149	-	-	197	104	1134	*39	448	-	-	-	-
13	-	-	-	-	-	-	-	-	-	*32	-	177	410	158	-	-	-	-
14	-	-	-	-	343	-	-	-	59	-	*52	-	*67	-	-	-	-	25
15	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	-	-
16	-	5	-	55	-	-	31	-24	20	*48	-	1	*111	-	-	-	-	63
17	-	59	51	144	20	NEG	130	-15	40	-	-	-	-	-	-	39	-	20
18	201	1200	-	364	160	-	2482	116	-	1449	932	1622	653	306	617	-	-	-
19	501	1472	1095	1790	57	-	1503	160	-	*34	90	1182	184	490	-	697	731	-
20	-193	976	-	26	-	-	124	-	16	257	-	435	*119	39	-	214	543	-
21	159	39	332	237	-	-	132	-	-	*46	48	*69	456	1029	39	341	724	-
22	297	252	469	313	-	-	243	59	10	1269	640	945	1170	950	55	229	303	-
23	-	8	-	-	-	-	-	-	-	-	-	*211	*26	120	20	-	-	-
24	-	-	-	-	84	-	-	9	20	*68	*82	*44	-	-2	-	-	130	293
25	-	-	-	-	18	NEG	-	-	4	69	435	440	364	-5	-	-	-	30
26	-	7	-	-	-8	NEG	-	NEG	25	238	147	*194	332	-20	41	-	-	-
27	-	-8	81	NEG	-5	-	-	-	33	1470	845	553	*107	1008	99	266	69	-
28	-	-	-	-	-	-	-	-	-	452	381	589	760	34	-	175	254	224
29	-	-	-	-	-	NEG	-	-	17	-	*35	1102	*8	48	-	-	43	29
30	-	-	54	-	-	-	-	-	-	-	-	1058	135	156	-	-	207	-
31	123	-	43	30	-	NEG	-	-	-	-	173	-	-	442	22	110	480	-

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	UK12
1	34	167	-	-8	141	514	255	22	NEG	*78	NEG
2	-25	41	129	522	-	-	-	151	*959	*185	-
3	9	-	252	-	-	NEG	77	224	*1876	-	-
4	33	-	408	146	272	15	241	-	*1476	-	-
5	0	482	-	196	172	204	177	146	-	-	*269
6	152	74	-626	705	-	-	-	-	*313	*311	*300
7	-	223	-	-	-	-201	-	58	*1611	-	-
8	-	120	-	-	-	-	-	-	*25	-	-
9	-	416	-	660	292	126	107	-	-	*143	-
10	-5	50	-689	378	186	-12	88	-	*238	-	*12
11	-	41	106	85	623	-61	300	NEG	-	-	-
12	-	248	-	-	-	NEG	-	-	-	-	-
13	-	390	-	33	-	-	-	-	-	-	*20
14	-	122	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	*3818	-	*80
16	-	-	-	-	-	-	-	-	*1581	*80	*159
17	-13	35	-138	-	-	-	-	-	-	*111	*22
18	-	32	173	-	-	-	-	-	*820	*114	*9
19	-	466	-	-	-	-14	-	-	*22	-	-
20	217	83	-24	1004	110	590	-	-	-	-	*16
21	-	268	562	347	49	391	-	-	NEG	-	-
22	304	42	-	90	68	463	77	-	-	-	-
23	-	183	-	-	232	336	73	-	-	-	-
24	-	130	78	17	-	125	-	-15	-	-	-
25	-	-	-	-	166	143	54	-22	-	-	*6
26	-11	-	342	16	6	11	149	-2	-	NEG	NEG
27	-9	147	-	-35	59	81	24	-22	*8	-	NEG
28	36	182	384	179	79	113	46	-	*35	-	NEG
29	-	6	368	177	-	-35	44	-	*57	-	-
30	-	322	221	264	-97	308	71	-	*119	*183	*120
31	-	531	-	750	32	171	-	-	-	*285	*110

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - NOVEMBER 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	JUNGFPAUJOCH	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	OESCHRERG	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	FÄRVERNE	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 BARP	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	SKREDALEN	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	TAGMYRA	P	61 25 N	12 04 E	536
37	N 18	LØKEN	P	59 48 N	11 27 E	150
38	N 19	RISLINGEN	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	HUMMELFJELL	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	WITTEVEN	PA	52 49 N	6 40 E	17
49	NL 3	DEN HELDER	PA	52 55 N	4 47 E	0
50	NL 4	LEUNFN	PA	51 28 N	5 59 E	29
51	S 01	ÆKERØD	PA	55 54 N	13 43 E	140
52	S 02	RAØ	PA	57 23 N	11 55 E	4
53	S 03	SJØANGEN	PA	58 46 N	14 18 E	127
54	S 04	RYDA KUNSGARD	PA	59 46 N	17 08 E	25
55	S 05	BREDKALEN	PA	63 51 N	15 20 E	404
56	S 07	RØRBACKSNAS	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	JOKIOINEN	PA	60 49 N	23 30 E	106
61	SF 3	PUMALA	PA	61 34 N	28 04 E	122
62	SF 4	AHTARI	PA	62 33 N	24 13 E	162
63	SF 5	SODANKYLA	PA	67 22 N	26 39 E	180
64	UK 1	COTTERED	PA	51 56 N	0 05 W	125
65	UK 2	ESKDALEMJIR	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 HORRESLEY	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

NOVEMBER 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	-	-	-	-	-	-	-	-	-	-	0.5	0.9	0.8	8.0	-	-	5.1	-
2	-	-	-	-	-	-	-	-	-	0.7	0.2	0.9	0.7	-	-	-	0.1	-
3	-	-	-	-	-	-	-	-	-	8.6	5.7	9.4	10.0	-	-	-	1.8	-
4	-	-	-	-	-	-	-	-	-	0.3	0.4	0.1	0.1	-	-	-	2.9	-
5	-	0.3	0.6	0.7	1.9	4.8	2.0	1.2	1.5	-	0.1	0.2	0.1	4.0	4.6	-	1.0	3.6
6	5.8	-	-	4.2	4.0	7.0	4.5	1.5	2.8	0.1	0.2	1.8	0.1	5.0	3.7	3.2	-	-
7	-	0.7	4.6	-	-	3.2	-	0.8	-	0.2	0.2	3.3	0.1	-	-	-	-	-
8	4.8	3.2	12.2	12.5	8.5	9.9	14.6	5.3	4.0	1.8	1.8	3.2	1.2	-	3.1	-	0.1	4.2
9	20.7	13.9	33.1	22.9	19.7	18.6	22.5	8.7	4.5	2.5	2.2	1.1	0.2	-	14.6	16.0	9.0	8.3
10	3.8	2.0	-	2.4	6.2	26.1	5.4	15.9	-	-	0.1	0.1	0.1	10.0	3.5	2.6	5.1	14.4
11	14.6	6.2	5.2	7.6	1.2	18.1	10.2	12.0	1.5	5.7	4.9	4.9	2.0	4.0	5.1	6.4	2.6	15.5
12	-	-	-	0.8	-	17.2	-	16.7	0.9	2.2	2.6	7.8	0.4	4.0	0.1	-	-	4.5
13	2.2	-	4.4	5.1	8.7	2.2	9.5	1.9	1.0	0.2	0.1	1.9	0.1	3.0	3.6	-	0.2	8.5
14	19.7	-	34.3	15.9	19.0	15.4	26.1	15.3	7.0	1.4	8.9	15.4	0.2	7.0	10.8	14.5	13.1	37.4
15	3.4	23.7	-	6.7	2.4	10.8	-	-	-	14.6	8.7	4.8	15.8	6.0	10.5	4.9	3.9	14.1
16	2.5	-	-	1.1	-	15.6	-	-	-	4.2	3.5	12.8	1.9	4.0	12.1	14.4	9.2	1.2
17	-	-	-	-	-	18.3	-	9.0	1.0	0.3	1.8	0.5	0.1	-	0.2	-	1.3	-
18	2.4	-	-	9.4	10.5	0.6	9.5	3.2	-	1.3	0.2	0.8	0.3	3.0	2.5	2.8	1.1	-
19	23.9	33.0	20.7	12.7	9.9	-	7.8	0.5	-	0.7	0.8	0.4	2.0	2.0	6.2	13.3	4.3	-
20	2.5	-	4.7	0.6	-	-	-	-	-	1.2	1.2	4.0	2.4	-	-	11.2	-	-
21	-	-	-	-	-	-	-	-	-	1.7	0.1	0.4	1.7	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	13.2	7.5	5.0	18.1	-	-	-	-	-
23	-	-	1.3	3.3	10.7	0.6	4.5	0.2	-	2.5	3.3	2.3	2.6	-	-	-	0.1	-
24	8.6	7.0	11.8	7.0	11.0	3.2	28.2	3.7	0.5	2.2	3.4	4.7	5.7	4.0	4.1	5.3	2.3	-
25	4.6	4.8	8.6	10.8	13.1	-	22.5	0.4	2.0	3.5	6.2	3.3	5.2	7.0	6.5	1.8	6.0	-
26	1.5	2.2	0.7	0.9	-	3.8	1.8	-	-	0.1	1.5	0.2	1.8	5.0	1.7	6.3	5.5	14.1
27	-	-	-	3.3	10.0	-	8.4	1.6	-	4.3	15.8	8.5	5.1	3.0	3.3	3.5	-	9.6
28	-	-	3.3	0.5	1.0	-	1.9	-	-	9.4	2.8	2.2	20.2	15.0	0.1	2.5	3.6	4.1
29	-	-	-	-	-	8.8	-	-	0.5	3.4	1.2	0.8	4.7	-	-	-	3.9	3.3
30	-	-	-	-	-	-	-	-	1.0	2.3	1.6	2.3	4.6	-	-	-	1.0	3.4

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	UK12
1	-	9.4	14.4	3.8	2.2	5.4	1.4	-	1.9	-	0.4
2	-	-	-	-	-	0.1	-	-	0.4	6.5	3.2
3	-	5.3	12.2	3.7	3.5	4.0	0.9	-	4.0	2.0	-
4	-	2.0	2.0	2.3	5.9	5.2	3.1	1.8	-	-	-
5	-	0.3	3.0	4.0	0.9	0.5	0.5	0.1	-	1.6	-
6	5.0	4.4	2.0	0.7	0.6	3.6	0.7	-	-	-	-
7	-	0.8	-	0.2	-	0.1	-	0.1	-	7.8	2.2
8	1.4	-	-	1.4	-	-	-	-	-	13.7	6.0
9	14.9	3.5	13.8	3.4	-	-	0.6	0.6	2.0	20.1	2.5
10	8.9	0.6	-	10.8	9.7	5.2	8.8	-	-	26.2	11.1
11	5.9	0.8	9.0	4.1	4.2	9.7	6.7	0.3	6.9	-	2.0
12	1.6	-	5.3	-	3.7	5.0	1.1	0.5	-	2.0	-
13	-	0.8	4.4	0.2	0.4	6.4	0.8	0.3	12.3	17.9	-
14	12.0	-	2.2	12.3	3.5	4.0	3.5	-	9.9	15.4	7.8
15	-	-	3.8	7.7	5.4	13.8	16.7	1.7	3.1	-	1.4
16	-	-	-	12.5	8.1	5.3	2.1	0.5	1.6	-	-
17	-	-	3.1	1.0	6.8	20.8	20.3	0.1	18.7	-	-
18	-	1.2	-	-	0.2	0.3	2.1	0.8	11.2	-	-
19	-	15.9	-	1.3	-	-	1.1	-	4.1	-	-
20	-	2.2	-	-	-	-	-	-	7.5	-	-
21	-	0.4	-	-	-	-	-	0.2	17.1	1.8	10.6
22	-	-	-	-	-	-	-	-	-	4.6	30.4
23	-	-	4.5	-	-	-	-	-	-	4.4	3.0
24	3.0	-	-	-	-	-	-	0.2	0.9	22.6	3.6
25	1.2	2.7	6.8	11.8	0.6	-	1.3	5.0	-	-	-
26	3.5	2.0	5.4	20.3	2.1	5.0	3.9	0.3	-	6.7	6.6
27	2.6	6.9	7.7	26.7	3.5	4.0	5.8	2.1	-	5.5	4.6
28	-	14.9	5.0	3.9	0.2	3.2	1.6	0.7	2.0	-	-
29	-	3.1	1.2	6.4	0.7	4.6	2.8	4.1	3.3	2.6	1.2
30	-	-	-	0.7	-	1.6	0.3	2.9	-	1.6	0.8

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

NOVEMBER 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	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 03	N 05	N 06	N 07
1	0.5	0.6	-	6.7	3.9	1.6	-	11.2	1.5	-	6.0	3.0	-	-	0.6	-
2	0.2	-	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-
3	0.5	0.1	-	1.6	-	15.4	-	-	1.5	-	7.4	3.7	-	-	-	-
4	-	-	0.2	0.9	2.3	0.4	9.0	-	16.0	-	-	11.0	-	-	-	-
5	0.5	2.8	0.1	0.9	11.8	-	-	-	0.7	-	-	8.6	1.5	1.3	4.6	3.3
6	3.5	2.2	-	0.3	0.5	-	-	-	0.7	-	-	7.4	2.5	4.7	6.2	3.9
7	1.9	1.2	-	0.2	-	-	-	-	0.7	-	-	3.3	-	-	0.6	4.0
8	7.0	3.5	1.6	0.9	1.8	0.2	-	-	0.7	-	-	4.0	20.3	15.0	11.7	22.3
9	7.4	7.9	10.7	5.0	6.5	4.4	-	-	0.7	1.0	-	2.8	25.0	21.9	23.4	33.4
10	4.1	3.9	0.5	1.8	0.1	0.2	-	-	7.8	0.3	-	-	16.3	1.4	9.2	13.2
11	8.9	14.0	2.4	1.4	0.1	0.6	-	-	7.8	5.4	-	0.1	28.5	7.4	11.7	15.7
12	4.7	6.9	3.2	0.2	2.5	-	-	-	3.2	-	-	-	15.0	0.5	11.7	10.8
13	10.0	2.0	0.6	-	0.1	-	-	-	0.1	26.0	-	-	27.0	7.7	15.7	21.5
14	9.2	4.0	0.4	1.0	0.1	8.0	-	-	0.1	-	-	-	33.6	28.3	21.8	17.7
15	0.1	3.8	0.2	6.2	1.1	0.8	13.6	-	0.1	9.5	-	-	2.6	-	-	-
16	20.2	17.8	3.4	2.2	0.4	-	-	-	0.6	6.0	-	-	9.0	-	0.2	1.5
17	1.2	0.1	-	0.6	-	-	8.4	10.2	0.6	11.5	-	-	9.0	-	5.3	4.6
18	9.4	3.8	0.6	1.0	4.4	-	4.8	-	28.2	-	8.4	-	15.0	7.1	7.6	13.0
19	12.9	1.4	-	0.8	0.1	-	-	-	12.6	3.5	-	0.6	8.5	9.9	16.3	2.9
20	0.1	1.3	0.1	0.3	0.1	1.6	5.6	8.7	15.0	1.8	-	-	-	0.8	-	0.1
21	-	-	-	-	-	0.8	-	-	3.4	43.0	-	-	-	-	-	-
22	-	-	-	-	-	2.4	-	-	9.6	5.5	-	-	-	-	-	-
23	0.5	-	-	-	-	1.6	7.2	13.2	0.1	2.2	8.0	-	8.5	8.3	2.0	15.4
24	0.4	2.2	2.3	3.9	1.4	0.8	-	-	8.5	3.6	-	0.4	32.5	26.0	26.5	29.5
25	6.6	2.1	1.4	4.4	0.6	0.1	6.4	-	58.5	-	11.0	-	20.5	34.0	19.4	11.5
26	0.2	1.3	1.0	1.7	13.4	3.4	22.4	40.8	51.5	7.5	4.0	1.5	-	-	0.3	0.1
27	8.8	6.1	4.4	5.1	10.2	-	15.2	-	38.5	-	15.0	1.3	18.5	9.6	13.2	17.7
28	9.7	0.5	0.4	8.9	3.2	-	7.4	-	29.0	-	22.0	1.0	-	1.3	-	-
29	2.5	0.3	0.1	1.4	-	3.0	-	-	19.7	7.4	10.0	29.7	-	-	-	-
30	-	-	-	0.4	0.2	5.0	4.0	11.6	21.3	2.0	5.0	6.6	-	-	-	-

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 08	N 09	N 10	N 14	N 15	N 16	N 20	N 23	N 24	N 28	NL 1	NL 2	NL 3	NL 4	S 03	S 07
1	-	-	0.1	-	-	-	-	-	-	-	0.1	0.5	0.9	0.5	-	-
2	-	-	-	-	0.1	-	-	-	-	-	1.8	-	0.9	0.4	-	-
3	-	-	-	-	-	-	-	-	-	-	8.7	5.4	9.7	11.0	-	-
4	-	-	-	1.5	-	-	-	-	-	-	0.3	0.4	-	0.2	-	-
5	3.5	4.0	2.4	1.2	0.1	-	0.4	1.4	5.0	1.5	-	0.1	-	-	-	-
6	2.5	4.7	2.5	13.5	1.7	4.1	-	5.6	7.5	2.8	-	-	-	-	3.2	5.0
7	3.0	3.4	0.9	4.6	0.7	-	5.7	-	3.0	-	-	-	-	-	-	-
8	8.3	21.5	10.5	4.8	-	4.1	11.9	8.7	8.0	4.0	2.4	1.8	3.4	1.9	-	1.4
9	33.2	31.3	22.4	0.3	-	15.6	33.3	20.5	16.5	4.5	2.8	2.0	2.1	5.1	16.0	14.9
10	44.7	28.5	7.0	15.5	3.6	2.9	-	6.0	23.5	-	-	0.1	-	0.2	2.6	8.9
11	42.1	40.5	15.7	16.3	0.3	7.8	5.1	2.1	16.5	1.5	6.1	5.1	5.7	2.4	6.4	5.9
12	26.2	21.8	6.0	16.0	5.3	-	-	-	12.2	0.9	2.5	2.5	8.3	0.5	-	1.6
13	16.3	24.0	12.6	3.8	2.4	-	3.7	6.5	4.9	1.0	-	-	2.4	-	-	-
14	55.2	44.5	32.8	3.7	1.3	26.0	32.0	22.8	14.0	7.0	1.5	9.3	17.0	0.2	14.5	12.0
15	7.0	6.0	0.7	0.9	2.3	-	-	2.7	10.0	-	14.7	9.2	6.9	16.9	4.9	-
16	6.4	8.8	-	0.7	1.2	-	-	-	13.6	-	4.5	2.6	11.0	1.9	14.4	-
17	40.6	16.3	2.0	7.9	-	-	-	-	16.6	1.0	-	2.1	0.3	0.2	-	-
18	5.9	6.5	18.4	7.5	-	-	-	11.2	0.9	-	1.5	0.3	1.2	0.2	2.8	-
19	0.4	5.3	17.3	-	0.4	-	16.6	11.4	-	-	0.6	0.6	0.2	1.5	13.3	-
20	-	-	0.3	-	-	-	4.6	-	-	-	1.2	0.3	4.0	3.0	11.2	-
21	-	-	-	0.1	0.1	-	-	-	-	-	2.1	-	0.3	2.0	-	-
22	-	-	-	0.1	0.1	-	-	-	-	-	12.6	8.2	6.0	19.6	-	-
23	-	-	2.6	-	-	-	1.1	9.0	0.4	-	2.5	3.5	2.5	2.6	-	-
24	19.2	16.2	29.5	-	-	4.2	12.3	13.7	3.0	0.5	2.8	3.4	7.2	5.5	5.3	3.0
25	2.5	4.5	34.8	-	0.1	-	7.1	13.8	-	2.0	4.2	6.0	2.2	6.0	1.8	1.2
26	0.9	4.2	0.4	0.1	0.5	9.3	0.8	-	4.0	-	-	1.6	0.1	1.5	6.3	3.5
27	1.5	7.2	17.0	-	0.6	8.0	-	9.8	-	-	5.2	15.5	11.3	8.5	3.5	2.6
28	-	-	0.1	-	0.1	-	3.2	1.3	-	-	10.2	2.5	2.7	20.5	2.5	-
29	-	0.3	-	0.2	0.2	-	-	-	5.5	0.5	3.6	1.0	0.9	4.5	-	-
30	-	-	-	-	-	-	-	-	-	1.0	2.5	1.5	2.7	5.0	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	S 08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 2
1	9.4	4.5	2.0	5.5	1.6	0.1	-
2	-	0.6	0.2	0.4	0.2	-	7.1
3	5.3	4.0	3.3	4.2	1.1	-	2.8
4	2.0	2.5	5.8	5.0	2.9	1.8	-
5	0.3	3.9	0.9	0.6	0.6	0.1	4.6
6	4.4	0.5	0.5	3.3	1.8	0.1	-
7	0.8	0.4	0.1	0.2	-	0.1	9.1
8	-	2.0	-	-	-	-	15.6
9	3.5	3.8	-	-	0.8	0.7	23.9
10	0.6	13.4	9.2	4.8	9.4	0.2	35.0
11	0.8	3.9	5.3	9.2	6.7	0.1	-
12	-	-	4.1	5.2	1.6	0.8	7.7
13	0.8	0.3	0.3	6.1	1.0	0.3	18.4
14	-	11.7	3.9	3.5	3.9	0.1	17.9
15	-	7.3	5.1	14.0	16.3	1.6	-
16	-	11.2	7.7	5.1	2.8	0.8	-
17	-	1.3	6.6	20.5	19.8	-	-
18	1.2	0.1	0.2	0.2	2.4	0.8	-
19	15.9	1.3	-	-	1.2	-	-
20	2.2	-	-	-	-	-	-
21	0.4	-	-	-	-	0.2	3.0
22	-	-	-	-	-	-	5.2
23	-	-	-	-	-	0.2	4.4
24	-	-	-	-	-	0.5	26.7
25	2.7	11.6	0.5	-	1.2	5.0	-
26	2.0	19.3	1.7	4.8	4.0	0.6	7.6
27	6.9	25.2	3.6	3.8	5.6	2.7	7.9
28	14.9	5.6	0.3	3.1	1.9	1.1	-
29	3.1	6.5	0.7	4.2	2.6	2.8	3.5
30	-	0.4	-	1.8	0.4	3.4	3.6

CONCENTRATION OF SODIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	IC 1	NL 1	NL 2	NL 3	NL 4	S 02	S 08
1	13.0	28.4	3.0	-	1.4	0.6	1.8	-	-	2.6	2.4	-	0.4
2	2.8	46.8	-	-	-	-	-	3.5	-	3.1	-	-	-
3	3.4	28.4	-	7.6	4.2	-	1.8	0.3	0.4	0.4	0.0	-	0.4
4	13.0	-	-	-	1.8	0.4	0.7	-	-	-	-	-	1.5
5	11.0	19.0	5.6	35.8	4.2	0.4	25.0	-	-	-	-	0.6	0.1
6	16.8	-	3.0	14.8	6.8	1.0	4.9	-	-	9.6	-	1.5	0.3
7	1.8	3.4	1.8	-	4.4	-	4.8	-	-	0.0	-	-	0.2
8	3.4	1.0	0.6	-	6.4	-	-	0.6	0.3	0.0	0.5	4.0	-
9	5.2	2.4	0.6	2.4	4.2	0.6	-	0.7	0.5	10.5	-	4.7	1.5
10	4.2	14.8	5.6	16.2	4.4	-	-	-	-	-	-	20.2	2.9
11	2.0	12.6	2.8	23.4	22.6	-	-	1.9	0.8	22.7	0.7	21.5	8.5
12	4.3	13.6	3.8	12.6	28.4	3.4	-	1.6	0.8	12.5	-	12.6	-
13	4.0	12.6	3.4	21.8	-	-	-	-	-	3.3	-	13.9	12.1
14	5.8	1.4	0.4	7.2	15.4	-	-	1.1	0.4	1.4	-	6.7	-
15	4.0	23.4	0.4	-	2.2	4.2	-	0.2	0.0	0.3	0.2	7.0	-
16	2.0	0.9	0.2	2.4	2.6	2.8	-	0.6	0.6	0.5	0.5	0.5	-
17	10.8	18.6	-	-	8.6	-	-	-	0.2	-	-	25.0	-
18	-	1.5	0.4	2.2	2.2	1.3	-	3.8	-	31.7	-	3.1	2.9
19	-	1.0	1.3	-	12.4	1.4	24.0	-	4.9	-	1.3	3.6	0.3
20	-	-	1.9	7.6	-	-	-	5.1	1.2	2.6	1.5	-	1.7
21	10.0	-	-	-	-	-	-	4.3	-	-	1.0	-	0.9
22	9.1	-	-	-	-	-	-	0.3	0.2	0.7	0.2	-	-
23	3.8	11.2	-	-	-	-	-	0.9	0.3	0.8	0.6	-	-
24	6.5	1.1	1.0	7.6	20.0	2.5	8.7	1.5	0.6	9.6	1.8	3.6	-
25	-	1.8	1.1	4.2	11.4	6.3	-	8.9	7.6	2.5	5.4	0.9	3.9
26	3.8	-	1.6	12.2	5.4	1.5	4.4	-	6.0	-	4.9	2.8	3.9
27	0.7	1.6	0.9	3.0	-	1.8	3.8	22.6	6.5	39.4	7.6	3.3	1.5
28	-	12.0	2.2	2.0	7.4	1.0	9.2	6.0	11.1	36.9	3.6	-	0.4
29	7.7	-	6.5	-	0.9	-	3.4	4.4	6.8	39.0	4.8	-	3.0
30	3.0	-	-	-	2.7	2.2	6.0	2.8	1.7	9.1	0.1	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 74

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 18	N 19	N 20	N 22	N 23	N 24	N 25
1	-	-	-	0.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	0.30	-	-	-	-	-	-	-	-	0.08
5	-	0.07	0.07	0.23	0.10	0.05	0.32	0.06	0.07	-	-	-	0.06	0.04	0.24	1.36	0.15	0.09
6	0.09	0.09	0.03	0.35	0.24	0.16	0.38	0.05	0.12	0.04	-	0.04	-	-	0.30	0.21	0.29	0.24
7	-	-	-	0.57	0.14	0.09	0.20	0.15	0.04	0.06	-	-	0.08	0.03	-	-	0.19	0.04
8	0.17	0.07	0.15	0.26	0.23	0.03	0.03	0.05	0.03	-	0.05	0.04	0.03	0.02	0.31	0.71	0.06	0.03
9	0.11	0.07	0.05	0.28	0.13	0.07	0.14	0.04	-	-	0.05	0.04	0.02	0.02	0.53	2.01	0.18	0.04
10	0.25	0.36	0.31	3.60	0.85	0.14	0.81	0.06	0.02	0.02	0.09	0.20	0.22	-	-	2.63	0.99	0.03
11	0.66	1.22	0.33	9.87	1.84	1.27	2.10	0.33	0.02	0.09	0.04	0.39	0.05	0.08	3.09	34.90	2.97	0.30
12	0.31	0.37	0.19	3.21	1.10	0.21	0.64	0.06	0.02	0.02	-	-	-	-	9.20	-	1.04	0.10
13	0.19	0.12	0.19	1.34	0.54	0.08	0.26	0.06	0.04	0.02	-	0.27	-	0.05	1.47	5.69	0.34	0.06
14	0.30	0.50	0.10	0.86	0.56	0.18	0.13	0.07	0.04	0.04	0.02	0.11	-	0.02	0.80	6.18	0.52	0.12
15	-	0.97	-	-	-	0.58	0.13	0.70	0.08	0.03	-	0.37	0.05	-	0.73	15.17	1.17	0.41
16	-	0.52	-	2.50	1.65	0.10	0.39	-	0.13	0.04	-	0.24	-	-	1.29	-	0.26	-
17	0.38	0.27	-	2.90	0.90	0.13	0.53	0.09	0.02	-	-	-	-	-	-	-	0.53	0.06
18	0.04	0.03	0.13	0.25	0.03	0.04	0.11	0.05	0.01	-	-	0.17	-	-	0.29	1.60	0.90	0.06
19	0.02	0.06	0.03	0.33	0.07	0.05	0.05	0.03	-	0.08	-	0.02	0.03	0.01	0.11	0.61	-	-
20	-	-	0.12	-	-	-	-	0.20	-	-	-	0.03	-	0.01	0.20	-	-	-
21	-	-	-	-	-	-	-	-	-	0.08	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	0.12	-	-	-	-	-	-	-	-
23	0.18	0.12	0.10	0.45	0.26	-	-	0.07	-	-	-	-	-	0.06	0.19	0.60	0.45	0.11
24	0.21	0.15	0.09	0.41	0.32	0.11	0.19	0.12	-	-	0.06	0.04	0.06	0.03	0.57	2.70	0.25	0.04
25	0.11	0.05	0.09	0.29	0.34	0.03	0.02	0.03	-	0.20	-	0.02	0.04	0.03	0.13	1.80	-	0.08
26	-	-	-	-	-	0.03	0.08	0.24	-	0.04	0.01	0.05	0.33	0.03	0.13	-	0.10	0.01
27	0.13	0.04	0.04	0.20	0.29	0.05	0.07	0.03	-	0.08	0.01	-	-	-	0.18	1.22	-	0.02
28	-	-	0.05	-	-	-	-	-	-	-	-	-	-	0.02	0.25	1.03	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17	0.04
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15

CONCENTRATION OF MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 26	N 27	N 28	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	0.03	0.00	0.03	0.05	-	0.01	-	0.09
2	-	-	-	-	-	-	-	-	0.62	0.03	0.07
3	-	-	-	0.03	0.03	0.03	0.08	-	0.17	0.11	-
4	-	-	-	0.05	0.02	0.04	0.04	0.02	-	-	-
5	0.04	0.08	0.03	0.03	0.06	0.14	0.08	0.16	-	0.24	-
6	0.03	0.10	0.03	0.08	0.14	0.04	0.04	0.06	-	-	-
7	-	0.10	-	0.18	0.39	0.25	-	-	-	0.04	0.08
8	0.06	0.03	0.02	0.05	-	-	-	-	-	0.04	0.02
9	0.04	0.04	0.02	0.18	-	-	0.10	0.08	0.07	0.15	0.08
10	0.07	0.09	-	0.21	0.04	0.12	0.02	-	-	0.19	0.59
11	0.40	0.13	0.02	0.10	0.06	0.04	0.02	0.15	0.09	-	0.50
12	-	0.03	0.02	-	0.10	0.06	0.29	0.02	-	1.30	-
13	0.13	0.04	0.02	-	0.23	0.06	0.27	-	0.14	0.19	-
14	0.07	0.05	0.02	0.08	0.06	0.04	0.06	-	0.26	0.66	0.19
15	-	-	-	0.06	0.02	0.04	0.29	0.09	0.13	-	0.34
16	-	-	-	0.04	0.04	0.06	0.12	0.04	0.10	-	-
17	-	0.03	0.02	0.16	0.04	0.04	0.02	-	0.05	-	-
18	0.04	0.09	-	-	-	0.24	0.29	0.04	0.02	-	-
19	0.02	0.02	-	0.13	-	-	0.13	-	0.04	-	-
20	-	-	-	-	-	-	-	-	0.06	-	-
21	-	-	-	-	-	-	-	0.18	0.03	0.16	0.16
22	-	-	-	-	-	-	-	-	-	0.06	0.06
23	0.05	0.20	-	-	0.97	-	-	-	-	0.10	0.07
24	0.08	0.04	0.02	-	-	-	-	0.29	0.25	0.08	0.03
25	0.04	0.04	0.02	0.11	0.26	-	0.04	0.03	-	-	-
26	0.04	-	-	0.07	0.37	0.20	0.02	0.05	-	0.15	0.04
27	0.01	0.01	-	0.04	0.05	0.09	0.07	0.03	-	0.20	0.28
28	0.02	-	-	0.11	0.13	0.11	0.46	0.03	0.49	-	-
29	-	-	0.04	0.13	0.13	0.04	0.04	0.03	0.18	0.11	0.11
30	-	-	0.04	0.11	-	0.04	0.09	0.03	-	0.32	0.11

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 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	-	-	-	-	-	-	-	-	-	-	-	1.3	23.1	3.6	-	-	3.6	-
2	-	-	-	-	-	-	-	-	-	21.3	-	2.2	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	3.7	4.2	2.8	3.0	-	-	-	2.7	-
4	-	-	-	-	-	3.4	-	-	-	-	-	-	-	-	-	-	3.9	-
5	7.8	2.2	3.7	3.0	3.3	4.2	2.2	2.2	1.1	-	-	-	-	3.8	2.9	-	3.0	4.9
6	-	-	4.0	3.6	1.2	2.2	2.2	3.8	1.1	-	-	23.4	-	8.0	4.9	9.1	-	-
7	3.7	0.8	-	-	3.4	0.4	-	3.8	-	-	-	1.9	-	-	-	-	-	-
8	4.9	2.5	4.9	6.0	1.7	4.7	5.3	2.6	0.4	22.2	11.3	2.1	13.6	-	4.7	-	-	1.3
9	1.8	0.7	2.9	2.1	1.0	2.2	2.3	1.1	0.4	10.0	8.4	8.8	-	-	3.1	4.7	5.5	1.6
10	9.4	-	6.7	4.6	1.2	0.5	0.9	0.1	-	-	-	-	-	5.3	3.3	5.1	3.8	1.3
11	1.7	1.3	1.4	2.2	0.4	2.1	0.7	0.5	0.4	7.3	3.4	4.3	4.6	6.4	3.4	3.0	2.0	2.0
12	-	-	3.9	-	0.8	1.6	-	0.2	0.4	7.4	3.1	3.4	-	3.8	0.0	-	-	1.5
13	-	1.8	2.9	2.2	1.1	2.3	2.4	0.8	0.3	-	-	11.2	-	5.1	2.9	-	3.8	1.8
14	-	1.6	2.5	2.1	1.6	3.6	1.4	0.6	0.3	9.9	7.7	3.2	-	6.9	4.4	1.4	3.2	1.6
15	1.4	-	2.1	2.3	2.7	5.9	-	-	-	2.3	2.4	2.3	3.5	5.7	2.1	1.1	1.8	0.2
16	-	-	2.4	-	0.8	-	-	-	-	4.0	5.2	2.3	8.3	6.3	2.5	2.3	2.0	-
17	-	-	-	-	0.1	2.0	-	0.2	0.3	-	2.3	-	-	-	7.9	-	1.7	-
18	-	-	2.7	2.2	0.2	1.8	0.5	0.9	-	21.8	-	9.4	-	7.8	2.7	5.8	4.7	-
19	1.3	0.4	2.3	1.6	-	-	1.3	1.0	-	-	5.4	-	16.5	6.1	6.2	3.6	9.8	-
20	-	0.9	4.2	-	-	-	-	-	-	62.3	7.5	4.7	9.8	-	-	2.0	-	-
21	-	-	-	-	-	-	-	-	-	16.3	-	-	11.1	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	6.5	4.7	5.2	2.9	-	-	-	-	-
23	-	2.6	8.6	7.3	3.0	13.7	4.5	7.4	-	7.0	2.9	2.8	5.2	-	-	-	-	-
24	2.7	2.6	8.1	5.6	3.8	2.9	2.1	1.7	0.7	6.2	2.8	5.4	4.3	10.0	5.1	7.8	24.5	-
25	2.0	2.6	2.4	5.4	-	7.2	1.4	3.5	0.7	3.8	2.9	0.0	6.4	4.9	4.2	7.8	7.1	-
26	3.7	0.8	4.5	-	0.8	3.7	1.1	-	-	-	1.5	-	7.2	3.2	4.7	3.8	4.3	2.4
27	-	-	2.0	2.4	-	3.3	0.7	1.2	-	5.7	3.8	3.3	5.9	3.2	2.4	4.1	-	3.1
28	-	1.8	3.4	3.1	-	-	1.6	-	-	0.3	1.4	0.3	0.3	2.1	-	4.4	2.9	3.6
29	-	-	-	-	0.8	7.0	-	-	0.2	0.1	1.3	0.0	1.2	-	-	-	5.3	3.1
30	-	-	-	-	-	5.7	-	-	0.2	6.5	4.4	2.5	2.4	-	-	-	1.8	2.3

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	4.8	2.0	0.9	1.4	1.9	-	7.6	-	8.2
2	-	-	-	-	-	-	-	-	9.4	3.0	1.4
3	-	2.6	4.8	1.6	1.6	2.3	1.5	-	3.9	3.0	-
4	-	2.7	6.7	2.9	1.2	2.9	0.1	1.8	-	-	-
5	-	7.1	2.4	1.1	5.3	8.9	3.9	7.2	-	3.6	-
6	1.7	3.4	3.8	6.4	5.3	3.2	1.1	5.6	-	-	-
7	-	6.6	-	8.2	7.3	-	-	-	-	3.0	4.4
8	3.8	-	-	3.8	-	-	-	-	-	1.9	1.2
9	2.0	6.7	1.1	4.3	-	-	6.4	3.0	3.7	0.2	1.1
10	1.9	4.8	1.1	3.8	2.5	6.5	0.9	-	-	0.4	1.9
11	1.4	15.9	2.6	1.9	1.9	1.9	1.1	0.6	1.3	-	1.5
12	1.4	-	1.4	-	4.2	1.4	2.9	0.3	-	2.0	-
13	-	7.9	1.3	-	5.7	1.4	3.2	1.4	3.0	1.2	-
14	0.9	-	0.9	3.1	2.2	0.5	0.4	-	1.9	-	1.6
15	-	-	1.5	3.1	2.9	2.2	1.2	0.1	4.8	-	2.8
16	-	-	-	1.9	1.9	2.6	2.1	0.5	5.6	-	-
17	-	-	2.9	4.1	2.3	1.7	0.5	-	4.4	-	-
18	-	7.3	-	-	10.7	3.9	1.5	0.5	1.3	-	-
19	-	4.0	-	3.3	-	-	2.1	-	3.2	-	-
20	-	2.6	-	-	-	-	-	-	1.7	-	-
21	-	4.1	-	-	-	-	-	1.0	2.2	2.7	2.5
22	-	-	-	-	-	-	-	-	-	2.1	1.7
23	-	-	2.6	-	-	-	-	-	-	3.4	2.7
24	7.2	-	2.6	-	-	-	-	9.0	4.7	1.1	2.0
25	3.7	7.4	4.3	6.7	7.9	-	1.9	0.8	-	-	-
26	1.8	5.3	2.3	3.7	6.0	8.2	0.6	3.2	-	1.6	1.6
27	2.9	3.7	2.9	2.8	1.1	7.2	1.3	0.2	-	1.8	1.1
28	-	1.2	1.6	4.9	8.0	4.2	0.7	4.4	3.3	-	-
29	-	6.1	4.1	4.1	4.2	1.4	1.3	0.5	3.5	1.7	1.8
30	-	-	-	3.1	-	1.1	5.2	0.5	-	2.0	1.6

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 74

PH IN PRECIPITATION.

DATE	N 14	N 15	N 16	N 18	N 19	N 20	N 22	N 23	N 24	N 25	N 26	N 27	N 28	NL 1	NL 2	NL 3
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.17	4.20
2	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00	-	4.07
3	-	-	-	-	-	-	-	-	-	-	-	-	-	4.38	4.01	4.19
4	6.00	-	-	-	-	-	-	-	-	5.20	-	-	-	4.02	3.97	-
5	6.10	-	-	-	4.80	4.80	4.85	4.25	4.20	6.25	4.35	5.75	4.50	-	-	-
6	5.10	5.20	-	5.00	-	-	4.20	4.25	4.65	4.80	4.30	5.35	4.50	-	-	4.02
7	5.65	6.15	-	-	6.05	5.00	-	-	4.85	5.25	-	4.75	-	-	-	5.17
8	4.50	-	4.20	4.00	4.25	4.30	4.15	4.00	4.55	4.20	4.10	4.25	4.60	4.34	4.12	4.92
9	-	-	5.25	4.35	4.80	4.70	4.30	4.50	4.80	4.95	4.45	4.60	4.60	4.16	4.42	3.96
10	5.15	4.35	4.75	4.70	6.00	-	4.75	4.50	5.40	5.10	4.75	5.15	-	-	-	-
11	5.45	4.30	5.25	4.60	4.65	4.65	4.60	4.85	5.10	6.25	4.80	5.10	4.60	4.45	4.54	4.42
12	5.25	4.80	-	-	-	-	6.30	-	4.70	5.50	-	5.10	4.60	4.47	4.33	4.22
13	5.90	4.90	-	5.05	-	4.35	4.15	4.40	4.60	4.25	4.20	4.70	4.70	-	-	4.20
14	4.80	4.70	4.70	4.45	-	4.40	4.30	4.50	4.40	4.10	4.50	4.70	4.70	4.57	4.53	4.32
15	5.25	4.40	-	4.50	4.90	-	4.35	4.70	4.15	4.45	-	-	-	4.76	4.45	4.40
16	5.70	4.60	-	4.60	-	-	4.75	-	4.75	-	-	-	-	4.55	4.04	4.52
17	5.60	-	-	-	-	-	-	-	5.10	4.65	-	5.05	4.70	-	3.98	3.95
18	5.60	-	-	4.45	-	-	4.25	4.35	6.50	5.15	4.75	5.15	-	7.85	-	4.11
19	-	4.90	-	4.70	4.80	4.85	4.30	4.50	-	-	4.40	-	-	4.17	3.93	3.81
20	-	-	-	5.00	-	4.70	4.25	-	-	-	-	-	-	6.97	4.15	4.33
21	-	-	-	-	-	-	-	-	-	-	-	-	-	4.65	-	3.93
22	-	-	-	-	-	-	-	-	-	-	-	-	-	4.47	4.25	4.22
23	-	-	-	-	-	4.25	3.90	3.95	-	3.70	4.05	-	-	4.26	4.33	4.32
24	-	-	4.55	4.30	4.55	4.20	3.85	4.00	4.10	4.20	4.35	4.50	4.40	4.33	4.35	4.29
25	-	-	-	4.30	4.75	4.20	4.25	4.25	-	3.80	4.45	4.10	4.40	4.22	4.25	4.68
26	-	4.45	4.35	4.25	6.20	4.45	3.95	-	4.70	4.00	4.45	-	-	-	4.28	-
27	-	4.55	4.45	-	-	-	4.25	4.30	-	4.05	4.60	4.40	-	4.42	4.25	4.20
28	-	-	-	-	-	4.25	4.45	4.00	-	-	4.30	-	-	4.48	4.34	4.20
29	-	-	-	-	-	-	-	-	4.90	3.90	-	-	4.70	4.44	4.24	4.01
30	-	-	-	-	-	-	-	-	-	4.55	-	-	4.70	4.18	4.23	4.12

PH IN PRECIPITATION.

DATE	NL 4	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	4.16	4.50	5.68	-	4.96	-	3.60	-	3.60
2	4.12	-	-	-	-	-	4.20	3.90	4.20
3	4.43	4.76	4.83	5.31	6.02	-	4.40	3.90	-
4	-	4.97	5.09	5.22	6.37	4.67	-	-	-
5	-	5.27	4.25	-	-	-	-	3.10	-
6	-	-	-	5.90	5.37	-	-	-	-
7	-	-	-	-	-	-	-	3.90	3.90
8	4.15	6.12	-	-	-	-	-	4.10	4.20
9	-	4.44	-	-	-	-	4.60	4.40	4.40
10	-	4.65	4.54	5.04	4.70	-	-	4.40	4.70
11	4.40	4.27	4.36	4.66	4.60	-	4.60	-	4.70
12	4.14	-	4.18	4.60	4.96	-	-	4.30	-
13	-	-	-	4.41	4.57	-	4.40	4.20	-
14	-	4.35	4.80	5.85	6.06	-	4.60	4.40	4.10
15	4.65	4.46	4.34	4.40	4.47	6.34	4.10	-	4.50
16	4.44	4.45	4.42	4.49	6.42	-	4.10	-	-
17	-	4.62	4.40	4.53	5.06	-	4.20	-	-
18	-	-	-	-	6.49	6.22	4.30	-	-
19	4.87	4.41	-	-	4.47	-	4.00	-	-
20	4.42	-	-	-	-	-	3.90	-	-
21	4.23	-	-	-	-	-	4.10	4.10	4.00
22	4.36	-	-	-	-	-	-	4.20	4.20
23	4.34	-	-	-	-	-	-	3.80	3.90
24	4.41	-	-	-	-	-	4.10	4.40	4.20
25	4.29	4.10	-	-	4.16	4.82	-	-	-
26	4.19	4.33	4.23	5.08	4.57	-	-	4.40	4.30
27	4.27	4.46	4.59	4.41	4.66	5.31	-	4.90	4.40
28	4.24	4.36	-	4.74	4.58	4.24	5.20	-	-
29	4.42	4.94	4.48	5.10	4.39	4.90	4.20	4.40	4.20
30	4.30	5.71	-	5.55	-	5.14	-	4.50	4.60

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 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	-	-	-	-	-	-	-	-	-	-	*68	*63	*69	39	-	-	61	-
2	-	-	-	-	-	-	-	-	-	*100	-	*85	*76	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	69	151	112	70	-	-	-	67	-
4	-	-	-	-	-	-6	-	-	-	*95	*107	-	-	-	-	-	82	-
5	16	16	14	4	67	NEG	56	-2	33	-	-	-	-	68	49	-	69	89
6	-	-	81	63	26	16	59	3	33	-	-	235	-	112	99	107	-	-
7	-7	7	-	-	11	-2	-	18	-	-	-	.55	-	-	-	-	-	-
8	56	50	94	107	29	63	90	56	27	108	143	64	*71	-	72	-	-	49
9	16	21	58	40	13	4	40	26	27	126	85	*110	-	-	46	65	86	48
10	-82	-	19	36	0	4	18	2	-	-	-	-	-	30	58	69	58	24
11	22	21	28	14	4	-166	12	4	27	76	70	52	59	40	34	41	65	19
12	-	-	NEG	-	21	-12	-	4	27	81	95	77	*72	4	64	-	-	28
13	-	45	75	42	23	56	62	24	19	-	-	115	-	43	34	-	82	41
14	-	40	48	31	43	80	28	20	19	*27	67	73	-	60	47	53	48	19
15	34	-	43	20	76	35	-	-	-	45	94	79	44	41	37	24	41	14
16	-	-	18	-	19	-	-	-	-	59	136	88	61	42	47	44	41	-
17	-	-	-	-	11	22	-	6	19	-	193	*112	-	-	46	-	43	-
18	-	-	53	45	NEG	6	16	6	-	NFG	-	*78	-	77	46	75	72	-
19	18	13	59	47	-	-	39	-	-	*68	*117	*155	30	40	72	62	57	-
20	-	19	56	-	-	-	-	-	-	NFG	*71	108	66	-	-	28	-	-
21	-	-	-	-	-	-	-	-	-	54	-	*117	97	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	57	93	104	76	-	-	-	-	-
23	-	56	146	135	-	200	108	-	-	87	79	90	77	-	-	-	-	-
24	29	63	163	123	96	63	48	37	44	89	74	93	70	110	70	95	392	-
25	21	63	56	71	-	160	40	80	44	105	88	46	86	56	61	126	102	-
26	-48	35	112	-	16	100	35	-	-	-	86	-	109	47	92	47	79	53
27	-	-	59	48	-	89	25	40	-	60	77	114	73	57	69	58	-	44
28	-	56	35	100	-	-	58	-	-	52	96	90	62	45	110	42	41	77
29	-	-	-	-	17	125	-	-	11	73	*58	*98	43	-	-	-	66	61
30	-	-	-	-	-	28	-	-	11	111	91	103	58	-	-	-	35	53

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	UK12
1	-	42	94	41	NEG	-	17	-	*251	-	*251
2	-	-	-	-	-	-	-	-	*63	*126	*63
3	-	46	44	26	26	7	0	-	*40	*126	-
4	-	49	68	18	16	9	-18	41	-	-	-
5	-	99	41	11	98	-	-	-	-	*794	-
6	24	-6	77	-	-	0	7	-	-	-	-
7	-	41	-	-	-	-	-	-	-	*126	*126
8	67	-	-	-13	-	-	-	-	-	*79	*63
9	43	39	15	50	-	-	-	-	*25	*40	*40
10	17	60	15	44	41	22	30	-	-	*40	*20
11	15	105	11	76	53	44	42	-	*25	-	*20
12	22	-	2	-	87	40	35	-	-	*50	-
13	-	118	14	-	-	60	63	-	*40	*63	-
14	56	-	0	65	25	3	-8	-	*25	*40	*79
15	-	-	4	51	58	58	55	-8	*79	-	*32
16	-	-	-	44	55	52	-37	-	*79	-	-
17	-	-	-14	45	56	45	22	-	*63	-	-
18	-	65	-	-	-	-	-10	0	*50	-	-
19	-	46	-	68	-	-	62	-	*100	-	-
20	-	3	-	-	-	-	-	-	*126	-	-
21	-	58	-	-	-	-	-	-	*79	*79	*100
22	-	-	-	-	-	-	-	-	-	*63	*63
23	-	-	17	-	-	-	-	-	-	*158	*126
24	110	-	17	-	-	-	-	-	*79	*40	*63
25	94	105	37	120	-	-	100	31	-	-	-
26	51	105	10	70	87	23	45	-	-	*40	*50
27	75	72	26	60	37	58	46	14	-	*13	*40
28	-	35	0	67	-	39	43	87	NEG	-	-
29	-	53	41	24	67	18	65	24	*63	*40	*63
30	-	-	-	13	-	12	-	16	-	*32	*25

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 74

S02 IN AIR (MICROGRAMS PER M3)

DATE	A	02	CH	1	CH	2	D	01	D	02	D	03	D	04	D	05	F	01	F	02	F	03	F	04	F	05	F	06	IC	1	N	01	N	03	N	09
1	0	0	0	10	11	9	17	26	29	23	-	0	-	-	-	12	8	2	2	2	1															
2	0	5	10	17	12	38	16	28	27	-	0	-	-	-	6	9	3	4	2	2																
3	0	0	5	19	13	9	29	28	16	-	0	-	-	-	8	4	3	3	2	2																
4	0	10	10	16	10	9	28	37	48	-	8	0	-	-	0	4	2	3	2	2																
5	2	0	20	15	8	8	22	51	62	-	24	0	16	18	3	2	3	2	2	2																
6	33	0	15	13	18	14	52	49	57	-	0	0	15	21	8	1	2	2	2	2																
7	34	0	10	22	44	11	43	35	82	-	8	0	0	6	2	2	3	1	1	1																
8	53	0	15	56	46	10	-	18	14	-	0	0	0	5	5	1	2	3	3	3																
9	52	0	15	24	28	15	-	21	0	-	0	0	0	9	5	1	2	3	3	3																
10	37	0	10	10	19	9	-	19	0	-	8	0	0	0	0	1	2	2	2	2																
11	8	0	15	13	20	7	-	28	0	-	0	5	4	6	7	1	1	3	3	3																
12	33	0	10	9	20	7	15	18	5	-	4	0	4	8	5	1	2	1	1	1																
13	23	0	15	17	25	10	23	21	6	0	0	5	0	20	4	1	3	2	2	2																
14	15	10	25	20	20	7	26	29	7	0	0	0	4	3	5	1	4	1	1	1																
15	21	5	25	14	24	7	18	19	0	0	5	-	5	16	2	1	2	4	4	4																
16	0	5	5	25	32	6	13	26	6	0	5	-	6	13	0	2	2	7	7	7																
17	0	0	5	23	14	7	16	11	19	0	6	-	7	8	2	1	1	1	1	1																
18	0	5	5	19	50	7	20	14	14	0	10	-	21	0	2	1	1	1	1	1																
19	0	0	10	24	21	8	30	23	9	0	10	-	3	13	4	1	1	1	1	1																
20	0	5	15	12	20	6	31	19	7	0	0	-	0	14	4	1	2	2	2	2																
21	0	5	15	20	13	9	17	14	0	0	8	-	0	8	4	1	2	2	2	2																
22	0	0	10	29	33	17	15	14	0	0	0	8	0	9	0	1	2	1	1	1																
23	0	0	5	41	22	16	11	15	11	0	0	0	0	7	3	2	1	3	3	3																
24	0	0	10	19	34	13	13	12	0	0	0	0	0	11	3	2	2	4	4	4																
25	0	0	10	24	11	6	8	13	0	0	8	19	0	0	3	1	4	3	3	3																
26	6	0	5	13	13	6	12	14	24	0	6	5	0	0	1	1	3	1	1	1																
27	6	5	10	12	14	5	12	33	0	0	3	22	0	0	2	1	6	2	2	2																
28	0	10	-	10	10	7	8	14	0	0	0	0	0	0	4	1	3	1	1	1																
29	41	0	10	6	7	7	12	18	0	0	0	7	0	0	9	1	2	1	1	1																
30	35	5	5	-	13	6	14	17	0	0	0	8	0	0	4	1	1	2	2	2																

S02 IN AIR (MICROGRAMS PER M3)

DATE	N	22	N	23	N	25	N	26	NL	1	NL	2	NL	3	NL	4	S	01	S	02	S	03	S	04	S	05
1	6	5	1	2	19	0	0	20	9	2	5	6	12	12	8											
2	4	6	1	1	6	0	0	21	5	3	7	6	8	8	8											
3	11	4	1	1	10	36	36	4	8	8	8	4	12	12	12											
4	16	2	1	1	12	6	7	4	9	18	11	1	9	9	9											
5	11	3	1	2	0	7	11	19	7	9	5	10	2	2	2											
6	15	4	1	1	28	22	0	12	3	9	12	15	10	10	10											
7	15	3	2	1	0	73	90	30	5	33	8	10	9	9	9											
8	14	12	3	1	27	51	0	44	0	34	9	9	11	11	11											
9	3	7	9	1	79	5	0	25	37	21	22	13	11	11	11											
10	3	3	3	1	16	4	0	6	7	3	9	9	8	8	8											
11	3	2	1	3	9	5	0	7	7	5	10	6	11	11	11											
12	10	2	2	2	13	7	0	0	11	9	13	24	7	7	7											
13	6	10	2	2	8	20	16	4	7	17	8	7	7	7	7											
14	6	11	2	2	0	0	0	7	16	8	14	11	13	13	13											
15	5	11	3	4	0	0	0	0	7	10	12	12	11	11	11											
16	8	10	2	4	9	0	0	0	11	12	13	10	7	7	7											
17	3	9	2	1	12	4	10	0	13	13	10	10	12	12	12											
18	5	9	1	1	14	12	0	14	10	22	13	9	8	8	8											
19	8	5	1	1	20	0	5	10	26	8	10	13	7	7	7											
20	5	2	1	2	14	17	31	15	5	6	10	8	1	1	1											
21	7	2	1	3	14	12	24	0	4	8	10	7	22	22	22											
22	8	1	2	3	19	0	15	9	7	3	7	12	6	6	6											
23	13	2	2	2	18	20	17	16	11	9	9	19	7	7	7											
24	11	10	7	3	14	6	12	10	10	20	10	9	9	9	9											
25	13	5	12	3	0	5	5	6	18	10	12	13	8	8	8											
26	6	7	4	2	14	0	0	18	16	8	6	9	11	11	11											
27	9	3	1	2	12	8	11	16	4	8	7	13	10	10	10											
28	5	2	2	2	0	0	0	19	4	11	8	10	16	16	16											
29	5	2	2	2	0	0	0	15	5	18	10	10	11	11	11											
30	7	1	1	2	16	0	9	6	11	16	-	13	11	11	11											

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 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	4	13	33	14	0	0	0	0	105	10	73	87
2	5	13	17	27	3	0	0	0	95	10	51	63
3	4	7	12	0	0	3	3	0	28	24	37	79
4	1	6	10	35	3	3	3	3	19	17	29	65
5	6	2	15	10	11	6	3	3	37	15	29	65
6	0	5	7	7	17	6	0	3	25	9	44	82
7	2	8	11	10	11	6	0	5	19	17	36	57
8	9	4	10	7	7	3	3	3	21	2	43	49
9	12	3	6	4	8	6	6	3	15	1	22	90
10	0	30	6	3	13	13	3	3	10	1	22	65
11	3	4	6	14	22	0	6	6	12	1	22	87
12	0	9	17	14	22	0	6	6	20	1	43	78
13	1	6	29	13	29	0	3	20	20	4	29	70
14	0	10	31	17	16	6	5	12	19	1	29	87
15	1	21	16	20	17	6	6	13	28	1	38	104
16	1	18	15	17	17	3	0	-	32	6	38	87
17	0	9	9	17	14	6	0	-	28	2	23	87
18	1	16	15	7	22	6	0	3	36	9	68	86
19	0	13	13	21	9	3	0	0	51	5	83	102
20	0	2	7	27	7	3	0	0	31	22	38	79
21	0	3	17	21	6	3	0	3	-	41	30	79
22	0	2	7	14	6	3	3	3	16	25	60	86
23	2	4	10	10	14	6	0	0	21	30	23	63
24	10	11	10	4	5	3	0	0	12	3	30	79
25	14	13	7	0	3	3	3	0	9	2	45	83
26	6	10	4	-	3	3	3	3	24	4	45	74
27	0	22	4	-	12	8	4	3	11	1	30	58
28	4	29	11	-	13	14	6	2	31	2	30	66
29	2	13	12	-	5	6	0	7	36	3	22	58
30	3	12	5	7	6	3	3	5	13	1	22	58

SULPHATE COLLECTED ON FILTER (MICROGRAMS PFR 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	5.5	3.6	5.3	2.4	2.4	3.8	6.7	1.9	-	3.7	1.9	1.8	1.9	1.8	8.2	4.8	5.9	-
2	3.8	0.2	5.0	3.1	2.4	1.2	3.1	1.9	-	3.1	2.9	2.6	3.8	1.8	9.3	1.4	2.3	-
3	7.0	0.7	7.7	3.6	3.1	1.2	5.0	2.4	-	2.5	3.6	2.4	4.3	4.3	5.7	1.9	1.4	-
4	12.2	1.8	5.3	2.9	2.4	1.2	1.9	2.9	1.4	4.6	4.4	1.9	4.3	2.4	43.4	4.6	5.0	2.7
5	12.6	5.3	13.6	2.9	2.4	2.9	5.8	4.1	0.1	5.6	3.4	3.0	4.8	1.4	25.8	5.7	22.7	8.5
6	13.2	1.8	15.4	5.8	4.1	4.6	6.5	7.4	0.4	3.6	3.2	2.8	12.5	2.8	26.6	6.7	22.9	15.8
7	15.5	1.6	12.7	7.2	10.6	2.4	10.3	5.8	-	1.7	5.3	4.0	21.2	7.1	41.3	9.1	28.9	25.0
8	15.5	1.2	20.4	15.1	11.3	1.2	-	2.4	-	11.0	17.2	12.2	21.6	4.1	57.2	0.7	5.3	5.9
9	18.8	0.6	13.2	6.7	9.1	0.2	-	2.6	-	5.8	4.7	2.9	8.8	22.2	57.8	5.4	2.5	2.0
10	15.9	0.4	8.4	4.1	2.6	1.0	-	1.9	-	2.6	1.7	1.9	2.3	14.6	21.8	1.1	2.6	0.3
11	0.0	0.4	9.9	3.6	2.6	1.2	-	1.9	-	2.9	2.3	1.6	4.8	3.2	4.3	4.1	6.4	0.8
12	23.3	0.8	3.6	3.4	1.9	1.9	1.7	2.9	0.0	6.0	1.6	1.6	3.7	4.2	3.8	4.0	3.6	3.8
13	13.2	2.2	8.7	4.1	3.1	1.7	3.6	1.4	0.0	2.9	3.7	3.8	5.5	5.6	6.6	9.9	7.5	10.6
14	13.0	4.2	11.7	3.4	2.2	1.9	2.9	2.4	0.1	10.9	4.1	3.4	10.7	7.4	12.4	7.4	6.7	8.5
15	14.2	1.3	9.7	2.6	3.4	1.4	3.1	1.4	0.1	2.3	2.4	3.1	6.2	15.1	7.4	3.5	5.9	-
16	1.4	1.1	3.1	2.2	3.8	1.2	1.4	1.9	0.4	2.8	3.7	3.6	7.4	8.9	2.6	1.8	1.0	-
17	15.1	3.3	7.3	5.8	1.9	0.2	2.4	1.0	0.0	4.0	4.8	5.5	7.6	4.4	2.7	5.1	2.3	-
18	11.7	8.2	6.6	5.3	3.8	1.2	1.7	1.9	-	-	8.6	8.0	11.6	0.4	8.2	0.1	3.3	-
19	3.0	0.7	4.4	2.2	2.9	1.2	3.1	2.2	1.0	-	1.8	22.8	2.5	20.3	7.0	2.7	4.0	-
20	39.2	0.7	5.0	3.6	2.6	0.5	2.9	1.9	0.0	-	5.9	2.6	7.7	2.5	4.2	1.9	3.1	-
21	22.7	0.7	4.9	4.8	7.4	1.2	-	1.9	0.1	-	4.6	3.6	9.5	5.8	4.4	5.6	4.6	-
22	4.5	0.7	4.8	7.9	17.0	1.2	1.2	1.9	0.1	-	5.2	3.1	10.3	10.0	3.3	3.5	1.2	0.0
23	10.2	0.5	9.3	7.2	7.9	1.2	1.7	2.2	0.1	+	15.1	10.2	29.2	9.7	2.3	1.5	0.0	0.0
24	9.6	1.2	3.4	6.2	10.3	1.2	1.9	1.9	-	-	10.6	7.2	17.5	12.1	5.0	3.5	0.0	1.2
25	7.8	3.2	1.8	2.4	2.6	1.2	1.0	2.2	0.0	-	3.2	2.3	2.3	1.9	0.2	0.0	1.2	0.0
26	0.6	1.8	2.6	3.8	2.4	0.2	1.0	1.9	0.1	-	2.4	1.6	1.9	5.2	11.4	0.0	1.1	0.0
27	3.0	1.2	25.2	2.6	3.4	1.2	-	2.2	0.7	-	1.7	1.4	2.4	2.4	2.2	0.0	1.3	0.0
28	1.0	2.2	-	2.9	1.9	1.2	1.0	1.4	5.3	-	2.6	1.7	2.8	1.9	2.2	0.0	2.6	0.0
29	2.1	3.8	2.7	2.6	1.9	1.2	1.4	2.2	0.5	-	3.5	1.8	3.4	2.8	0.0	0.4	0.9	2.2
30	0.0	4.4	5.0	-	3.4	1.0	1.4	1.9	0.0	-	5.8	1.7	7.2	3.0	4.4	0.0	1.0	2.1

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 74

SULPHATE COLLECTED ON FILTER (MICROGRAMS PFR 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	5.1	4.5	0.5	2.4	2.2	2.3	2.6	2.8	0.7	2.4	8.6	1.4	1.4	7.1	1.1	1.6	1.4	2.5
2	4.2	4.6	0.5	2.1	3.8	2.3	2.5	4.0	0.9	1.8	4.4	2.1	0.9	15.8	3.2	2.0	2.0	1.6
3	2.9	5.0	0.5	1.6	1.6	1.8	2.8	2.6	1.4	1.6	8.8	9.7	11.6	4.6	2.0	3.0	3.3	3.5
4	21.1	3.2	0.5	1.2	2.6	1.4	4.4	2.1	1.2	1.8	5.4	4.9	1.2	6.0	1.4	3.9	3.1	2.5
5	15.5	14.7	0.8	1.9	1.2	1.8	3.6	3.7	0.4	2.0	-	4.7	5.4	6.1	1.4	2.9	2.6	2.5
6	18.6	19.0	0.7	1.1	0.6	1.4	8.2	2.0	0.1	1.1	17.1	11.1	3.6	17.5	1.2	4.0	2.9	6.5
7	8.0	18.1	0.5	0.2	2.8	0.9	8.2	1.6	0.0	0.1	-	25.0	27.6	28.6	0.9	2.4	2.3	4.9
8	1.1	13.4	0.7	2.0	1.3	1.8	5.1	10.8	0.1	1.2	14.1	16.6	3.4	10.1	0.6	13.4	3.9	4.7
9	6.9	9.0	1.0	1.4	0.5	1.6	2.0	5.9	0.3	0.9	50.4	7.7	4.1	4.2	5.0	5.4	0.3	5.7
10	0.7	2.9	0.6	1.3	1.2	1.6	0.5	2.3	0.0	0.4	3.1	1.8	0.4	3.0	1.2	2.1	1.6	2.4
11	4.6	2.0	1.4	1.8	1.0	1.8	2.2	2.7	0.1	0.5	2.2	2.1	1.9	1.9	2.3	3.1	2.8	3.5
12	4.2	0.0	-	1.3	2.1	1.3	2.0	3.6	0.9	0.8	2.4	2.9	-	2.2	0.0	1.9	2.2	2.7
13	4.2	4.4	0.6	2.1	2.3	1.6	3.4	4.7	0.3	0.7	4.4	5.4	5.9	3.9	3.0	4.5	2.7	2.5
14	6.2	0.9	1.4	2.7	2.8	2.5	4.3	7.1	0.1	0.6	2.9	2.6	3.1	3.5	4.8	5.6	5.5	5.4
15	3.4	1.1	1.2	2.3	0.6	2.0	3.7	4.1	0.4	2.7	3.0	2.5	2.5	2.8	2.9	3.4	2.4	4.5
16	2.1	0.0	1.1	3.1	3.2	2.5	5.1	5.4	1.0	2.2	6.0	2.6	3.5	3.1	6.1	5.3	3.6	5.8
17	6.2	6.2	1.2	0.8	1.3	1.1	2.4	3.3	0.6	1.1	4.8	5.4	6.4	3.1	2.3	4.8	3.0	2.4
18	8.4	4.0	2.1	1.0	1.2	0.4	3.3	4.7	0.2	0.7	4.8	4.0	3.5	4.3	3.1	9.1	4.0	4.7
19	-	4.3	-	0.5	0.7	0.6	2.4	1.4	0.5	0.2	4.9	2.8	2.3	4.9	1.6	3.5	2.1	3.1
20	-	2.4	1.0	1.0	0.9	0.8	1.0	3.0	0.2	0.3	9.0	7.2	10.7	4.5	1.8	3.1	1.8	3.2
21	-	3.9	1.1	2.1	2.1	0.4	2.5	3.1	0.7	0.5	5.1	10.0	9.1	5.6	2.0	3.8	4.0	3.7
22	-	2.4	1.2	2.1	2.8	1.4	2.3	3.7	0.4	0.5	5.5	4.3	4.2	5.7	2.6	3.1	4.9	3.4
23	-	5.6	1.7	1.9	1.2	2.2	5.4	4.6	0.7	2.0	6.0	6.6	5.5	4.2	5.2	6.2	4.2	5.4
24	-	2.8	1.2	3.2	1.9	1.8	7.8	8.5	0.6	0.9	4.5	3.7	3.3	3.3	2.9	8.7	6.3	7.6
25	-	1.5	1.8	1.5	1.9	1.1	4.2	4.9	1.0	1.2	2.4	1.9	2.1	3.0	2.5	3.2	4.5	5.5
26	-	0.4	0.5	0.6	0.8	0.9	1.9	1.5	0.8	1.3	3.9	1.2	1.7	5.6	2.2	2.3	2.8	3.6
27	-	1.1	1.2	1.0	0.7	0.7	2.2	2.4	0.7	1.0	5.1	3.1	3.1	3.9	2.4	2.1	2.9	3.2
28	-	2.1	0.5	1.3	1.0	1.0	2.2	2.4	1.3	1.0	1.4	1.1	1.5	1.4	0.4	3.1	4.2	4.6
29	-	2.3	0.7	1.3	1.0	1.7	2.2	1.4	1.1	0.8	2.5	1.2	2.1	3.2	3.2	3.6	3.4	3.2
30	-	0.8	0.9	0.2	0.1	0.2	2.0	1.7	1.0	0.9	4.9	4.3	3.4	4.5	2.1	2.8	0.2	2.3

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	UK11
1	3.3	2.5	4.5	2.7	1.3	0.5	0.5	0.9	0.6	17.0	4.0	2.0	13.0	7.0
2	3.5	2.6	0.2	3.8	1.6	1.5	1.2	0.9	1.4	12.2	3.0	2.0	9.0	2.0
3	2.8	2.0	4.3	2.5	1.4	0.7	0.7	0.9	0.9	2.0	3.0	2.0	5.0	1.0
4	3.5	2.4	2.3	3.8	1.2	0.4	0.7	0.6	1.7	4.0	3.0	2.0	5.0	10.0
5	3.2	2.1	1.9	3.6	0.7	3.2	2.1	1.4	0.8	11.0	5.0	1.0	7.0	6.0
6	1.7	2.0	3.8	4.8	1.4	2.0	1.6	0.8	1.3	12.0	2.0	2.0	10.0	13.0
7	2.2	1.2	4.8	3.1	1.8	2.2	2.2	0.9	0.8	12.0	6.0	1.0	9.0	5.0
8	2.0	1.1	6.6	2.8	1.3	2.0	2.2	1.0	1.3	4.0	2.0	1.0	5.0	3.0
9	2.3	2.0	10.8	3.1	1.2	2.5	1.8	1.4	1.2	3.0	1.0	1.0	4.0	3.0
10	0.4	0.9	4.1	3.1	1.5	1.1	2.0	1.3	0.6	1.0	1.0	1.0	2.0	2.0
11	0.6	0.8	5.6	1.6	2.0	1.8	1.1	0.8	0.9	2.0	1.0	2.0	3.0	4.0
12	1.1	1.2	4.9	1.9	1.6	1.3	1.9	0.9	1.0	2.0	1.0	1.0	4.0	3.0
13	2.7	1.0	4.6	3.1	1.5	1.4	1.3	1.1	1.2	2.0	1.0	2.0	3.0	3.0
14	2.8	1.3	9.1	2.9	2.6	1.4	1.4	1.1	0.8	2.0	1.0	2.0	2.0	4.0
15	2.0	2.8	13.6	2.2	3.1	2.5	1.5	0.9	0.7	5.0	1.0	2.0	6.0	7.2
16	3.1	3.1	10.8	1.7	3.0	1.9	1.4	1.1	-	10.0	1.0	1.0	7.0	6.0
17	2.3	2.8	5.4	3.0	1.8	1.8	0.7	0.7	-	7.0	1.0	1.0	6.0	4.1
18	1.8	1.4	8.6	4.0	1.9	2.1	1.2	0.9	1.3	5.0	3.0	2.0	9.0	6.0
19	0.6	0.6	7.3	1.2	2.5	2.2	1.8	1.0	0.7	6.0	1.0	1.0	8.0	7.0
20	0.1	0.3	1.8	2.3	2.0	1.6	2.0	0.7	0.4	6.0	2.0	3.0	6.0	3.0
21	0.5	0.6	2.1	1.4	1.5	0.8	2.0	1.2	0.5	3.0	4.0	3.0	6.0	4.0
22	0.2	0.7	2.1	0.8	1.2	2.9	2.7	0.8	0.4	7.0	4.0	3.0	8.0	4.0
23	0.5	0.8	4.3	2.5	1.5	2.3	1.2	1.1	0.7	3.0	4.0	3.0	4.0	3.0
24	4.3	3.2	8.7	2.5	2.4	2.5	1.7	1.9	0.7	2.0	1.0	2.0	3.0	1.0
25	3.2	2.5	9.2	3.5	1.8	3.2	3.5	2.3	1.1	1.0	1.0	2.0	3.0	4.0
26	1.4	1.6	4.9	2.3	-	2.8	4.2	2.6	1.5	5.0	1.0	2.0	6.0	4.0
27	0.8	1.8	3.1	3.1	-	4.6	3.4	1.7	0.7	2.0	1.0	1.0	3.0	3.0
28	3.3	2.2	2.9	3.4	-	3.1	2.8	1.6	1.9	3.0	1.0	2.0	3.0	4.0
29	1.5	2.9	2.2	3.1	-	2.9	2.1	1.4	1.3	4.0	1.0	2.0	4.0	3.0
30	2.2	1.7	3.1	2.0	2.5	3.4	2.2	1.6	0.8	3.0	1.0	1.0	5.0	3.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 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	-	-	-	-	-	-	-	-	-	-	1	12	29	-	-	18	-	-
2	-	-	-	-	-	-	-	-	38	-	2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	32	23	27	33	-	-	-	5	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-
5	2	1	3	4	16	4	3	2	-	-	-	-	15	14	-	3	18	-
6	-	-	17	20	9	10	6	3	-	-	-	-	40	18	29	-	-	9
7	3	5	-	-	10	-	3	-	-	-	-	-	-	-	-	-	-	-
8	16	30	61	52	13	77	14	2	53	20	7	26	-	15	-	-	5	5
9	24	24	67	43	16	52	10	2	28	17	18	-	-	46	75	50	13	30
10	19	-	16	27	29	5	2	-	-	-	-	-	53	12	13	19	19	17
11	11	7	10	5	7	7	6	1	45	17	25	11	26	17	19	5	31	8
12	-	-	3	-	10	-	4	0	18	8	28	-	15	0	-	-	7	2
13	-	7	15	15	5	23	2	0	-	-	27	-	15	10	-	1	15	-
14	-	51	40	48	23	35	10	2	15	72	55	-	48	48	20	42	60	11
15	33	-	14	6	27	-	-	-	35	22	16	60	34	22	5	7	3	-
16	-	-	3	-	11	-	-	-	18	14	25	16	25	30	33	18	-	-
17	-	-	-	-	2	-	2	0	-	5	-	-	-	2	-	2	-	-
18	-	-	25	25	0	5	3	-	33	-	11	-	23	7	16	5	-	-
19	43	7	30	18	-	10	1	-	-	3	-	25	12	38	48	42	-	-
20	-	4	3	-	-	-	-	-	75	2	19	29	-	-	22	-	-	-
21	-	-	-	-	-	-	-	-	34	-	-	22	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	82	39	31	58	-	-	-	-	-	-
23	-	3	28	66	1	20	1	-	17	10	7	14	-	-	-	-	-	-
24	19	32	57	77	11	59	6	0	17	10	39	24	40	21	41	56	-	22
25	10	19	26	74	-	32	2	1	16	17	-	39	34	27	14	43	-	4
26	8	1	4	-	3	2	-	-	-	2	-	11	16	8	24	24	34	6
27	-	-	7	24	-	6	2	-	30	58	37	50	10	8	14	-	30	8
28	-	6	2	4	-	3	-	-	3	4	1	6	31	-	11	10	15	-
29	-	-	-	-	5	-	-	0	0	1	-	5	-	-	-	21	10	-
30	-	-	-	-	-	-	-	0	16	7	7	12	-	-	-	2	8	-

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	S 08	S 09	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	26	69	9	2	8	3	-	14	-	3
2	-	-	-	-	-	-	-	4	21	4
3	14	59	7	5	10	2	-	16	8	-
4	5	13	7	7	15	0	3	-	-	-
5	2	7	4	5	5	2	1	-	17	-
6	15	8	3	3	11	2	1	-	-	-
7	5	-	3	1	-	-	-	-	27	10
8	-	-	8	-	-	-	-	-	30	7
9	24	15	16	-	-	5	2	7	5	3
10	3	-	50	23	31	8	-	-	14	21
11	13	23	7	10	18	7	0	9	-	3
12	-	7	-	17	7	5	0	-	5	-
13	6	6	-	2	8	3	0	37	22	-
14	-	2	37	8	2	1	-	19	-	12
15	-	6	22	15	31	19	0	15	-	4
16	-	-	21	15	13	6	0	9	-	-
17	-	9	5	15	35	9	-	82	-	-
18	9	-	-	2	1	4	0	15	-	-
19	64	-	4	-	-	3	-	13	-	-
20	6	-	-	-	-	-	-	13	-	-
21	2	-	-	-	-	-	0	38	8	27
22	-	-	-	-	-	-	-	-	11	52
23	-	12	-	-	-	-	-	-	15	8
24	-	-	-	-	-	-	4	4	29	7
25	20	29	77	4	-	2	4	-	-	-
26	11	12	71	10	39	2	2	-	12	11
27	26	22	71	4	27	7	1	-	14	5
28	18	8	27	2	13	1	5	7	-	-
29	19	5	27	3	6	3	2	12	6	2
30	-	-	1	-	2	2	2	-	7	1

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 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	-	-	-	-	-	-	-	-	-	-	*34	*57	*35	312	-	-	-	311	-
2	-	-	-	-	-	-	-	-	-	*180	-	*77	*30	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	600	815	1086	770	-	-	-	-	121	-
4	-	-	-	-	-	NEG	-	-	-	*29	*43	-	-	-	-	-	-	238	-
5	5	6	10	6	335	NEG	114	-2	50	-	-	-	-	272	225	-	69	320	
6	-	-	340	353	195	-	267	5	92	-	-	-	-	560	366	342	-	-	
7	-5	40	-	-	33	NFG	-	14	-	-	-	NEG	-	-	-	-	-	-	-
8	182	595	1179	931	232	-	1318	296	108	259	257	218	*135	-	223	-	-	206	-
9	222	699	1329	820	215	-	899	227	122	353	170	*230	-	-	672	1040	774	398	-
10	-167	-	46	216	NEG	NEG	97	32	-	-	-	-	-	300	203	179	296	346	-
11	137	107	214	29	66	NEG	122	48	41	464	357	296	142	160	173	262	169	295	-
12	-	-	NEG	-	256	NEG	-	67	24	203	238	639	*36	16	6	-	-	126	-
13	-	167	382	273	113	-	592	46	19	-	-	276	-	129	122	-	16	349	-
14	-	1280	764	707	602	-	731	307	133	*40	623	1241	-	420	508	769	629	711	-
15	805	-	287	54	760	-	-	-	-	661	865	545	744	246	389	118	160	197	-
16	-	-	20	-	258	-	-	-	-	266	354	968	116	168	569	634	377	-	-
17	-	-	-	-	183	-	-	54	19	-	405	*34	-	-	9	-	56	-	-
18	-	-	499	504	NEG	NEG	153	19	-	NFG	-	*93	-	231	115	210	79	-	-
19	595	216	751	536	-	-	304	-	-	*41	*70	*31	45	80	446	825	245	-	-
20	-	87	36	-	-	-	-	-	-	NFG	*21	432	198	-	-	314	-	-	-
21	-	-	-	-	-	-	-	-	-	113	-	*35	194	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	718	763	624	1490	-	-	-	-	-	-
23	-	62	483	1215	-	-	481	-	-	218	277	225	200	-	-	-	-	-	-
24	203	775	1141	1685	288	-	1354	137	22	249	252	670	385	440	287	504	902	-	-
25	102	447	606	980	-	-	899	36	88	441	528	101	516	392	397	227	612	-	-
26	-107	28	100	-	64	-	64	-	-	-	138	-	164	235	156	296	435	747	-
27	-	-	195	470	-	-	210	64	-	312	1194	1288	621	171	228	203	-	422	-
28	-	179	18	130	-	-	109	-	-	530	240	243	1271	675	11	105	148	316	-
29	-	-	-	-	94	-	-	-	6	263	*58	*88	194	-	-	-	257	201	-
30	-	-	-	-	-	-	-	-	11	278	137	278	290	-	-	-	35	180	-

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	UK12
1	-	395	1354	185	NEG	-	27	-	*477	-	*100
2	-	-	-	-	-	-	-	-	*25	*894	*202
3	-	244	537	104	86	29	NEG	-	*159	*352	-
4	-	98	136	45	93	45	-52	74	-	-	-
5	-	30	123	43	88	-	-	-	-*	3654	-
6	120	-26	154	-	-	NEG	13	-	-	-	-
7	-	33	-	-	-	-	-	-	-*	1146	*277
8	94	-	-	-26	-	-	-	-	-*	1239	*379
9	641	137	207	190	-	-	-	-	*50	*951	*100
10	151	36	-	590	377	106	282	-	-*	1393	*221
11	89	84	99	296	281	405	281	-	*173	-	*40
12	35	-	11	-	357	208	56	-	-	*135	-
13	-	94	62	-	-	366	63	-	-*	490	*1161
14	672	-	-	760	98	11	-31	-	*249	*713	*620
15	-	-	15	372	296	812	896	-13	*246	-	*44
16	-	-	-	493	423	265	-104	-	*127	-	-
17	-	-	-43	58	370	923	436	-	-*	1180	-
18	-	78	-	-	-	-	-24	NFG	*561	-	-
19	-	731	-	88	-	-	74	-	*410	-	-
20	-	7	-	-	-	-	-	-	*944	-	-
21	-	23	-	-	-	-	-	-	-*	1358	*238*1060
22	-	-	-	-	-	-	-	-	-	-	*328*1918
23	-	-	77	-	-	-	-	-	-	-	*697 *378
24	330	-	-	-	-	-	-	-	*71	*1063	*227
25	113	284	252	1392	-	-	120	155	-	-	-
26	179	210	54	1351	148	110	180	-	-	*303	*331
27	195	497	200	1512	133	220	258	38	-	*99	*183
28	-	521	-	375	-	121	82	96	NEG	-	-
29	-	164	49	156	47	76	169	67	*208	*139	*76
30	-	-	-	5	-	22	-	54	-	*114	*20

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	FÆRØERNE	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 BARP	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	SKREDALEN	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	TAGMYRA	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	HUMMELFJELL	A	62 27 N	11 16 E	1539
44	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
45	N 27	VATNEALEN	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	WITTEVEN	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	RÅØ	PA	57 23 N	11 55 E	4
53	S 03	SJØANGEN	PA	58 46 N	14 18 E	127
54	S 04	RYDA KUNSSGARD	PA	59 46 N	17 08 E	25
55	S 05	BREDKALEN	PA	63 51 N	15 20 E	404
56	S 07	RØRBACKSNAS	PA	61 07 N	12 48 E	470
57	S 08	HOBURG	PA	56 55 N	18 09 E	58
58	SF 1	JOMALA	PA	60 11 N	19 59 E	21
59	SF 2	JOKIOINEN	PA	60 49 N	23 30 E	106
60	SF 3	PUUMALA	PA	61 34 N	28 04 E	122
61	SF 4	AHTARI	PA	62 33 N	24 13 E	162
62	SF 5	SODANKYLA	PA	67 22 N	26 39 E	180
63	UK 1	COTTERED	PA	51 56 N	0 05 W	125
64	UK 2	ESKDALEMJIR	PA	55 19 N	3 12 W	243
65	UK 7	STORNOWAY	A	58 13 N	6 20 W	4
66	UK 9	KIRKBY UNDERWOOD	A	52 51 N	0 26 W	80
67	UK11	LITTLE HORKESLEY	A	51 57 N	0 52 E	60
68	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	A 02	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6
1	6.3	12.9	-	-	-	3.9	-	3.7	0.9	4.0	1.2	6.4	10.3	7.4	3.8	1.8	2.1	1.0
2	-	0.4	-	-	-	0.3	-	0.9	2.1	0.1	-	4.7	4.5	-	1.3	0.5	0.4	0.7
3	0.7	-	-	0.9	-	-	-	0.2	0.4	-	-	1.5	-	-	-	-	-	-
4	-	-	-	3.0	-	3.9	-	16.1	3.6	1.2	2.2	2.9	0.7	5.2	9.0	3.7	2.6	3.2
5	1.4	-	-	1.3	1.0	2.6	-	3.3	4.1	5.4	1.9	12.3	-	1.6	-	-	0.5	2.0
6	20.9	16.4	0.8	5.2	-	1.7	-	8.0	8.8	7.7	2.0	25.4	34.1	4.9	8.3	-	5.4	-
7	1.2	27.0	-	0.6	4.7	11.6	-	5.3	2.3	17.1	2.4	40.5	-	0.5	0.9	-	0.7	2.3
8	14.6	13.7	0.2	-	0.2	5.2	-	0.9	1.0	0.9	1.8	11.2	-	-	2.4	13.2	0.8	2.6
9	2.8	-	-	-	-	-	-	1.7	1.1	4.5	4.2	3.1	-	3.5	3.7	1.4	-	0.5
10	-	-	0.4	8.0	0.6	3.6	-	21.1	-	0.1	2.0	2.7	-	4.2	7.3	4.1	1.4	1.3
11	3.5	-	2.5	1.5	4.5	9.0	-	26.1	5.1	10.7	6.5	11.4	9.7	1.6	0.3	8.4	5.3	4.2
12	-	-	1.8	5.9	4.6	10.1	-	0.4	4.6	9.0	1.2	6.3	-	-	1.0	1.2	1.0	0.7
13	-	27.3	1.0	-	1.4	7.7	-	2.6	-	4.8	-	4.2	-	4.5	-	0.8	-	-
14	-	-	-	2.2	-	-	-	21.2	0.9	0.4	2.3	1.9	-	-	2.4	5.5	1.5	6.8
15	-	-	-	4.2	-	3.6	-	4.2	2.0	15.1	-	3.7	21.3	2.5	0.5	-	0.4	2.9
16	-	-	4.2	15.7	4.8	9.2	-	22.1	6.2	10.1	6.1	15.7	9.4	8.7	9.1	11.3	3.9	4.5
17	-	-	4.6	4.4	12.0	18.0	-	17.3	7.5	34.5	5.1	12.9	1.8	0.3	2.5	4.9	3.7	6.8
18	-	1.3	-	0.4	2.7	11.8	-	0.8	8.9	8.5	1.3	11.0	-	-	4.4	-	1.6	1.0
19	-	10.3	-	-	-	1.5	-	-	0.5	1.3	0.9	2.6	39.0	4.3	0.2	0.3	0.2	0.3
20	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	3.9	1.7	-	2.3
21	-	-	-	-	-	-	-	0.9	-	-	-	-	-	0.3	0.8	-	-	-
22	-	-	-	-	-	-	-	2.9	-	-	-	-	38.4	3.9	4.4	0.7	0.3	-
23	-	-	-	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	1.5	2.5	0.2	0.7	5.3	1.2	10.5	3.1	10.8	5.0	3.8	-	4.9	5.1	-	2.8	3.2
25	3.5	-	-	-	-	0.4	-	5.4	18.6	3.3	7.3	4.1	-	9.1	5.7	-	0.8	2.6
26	-	3.3	-	13.3	0.8	1.0	-	5.3	4.3	-	6.7	4.6	-	-	1.6	11.3	1.1	2.6
27	-	11.9	7.9	1.4	16.0	22.2	-	15.7	1.3	23.1	8.4	11.3	-	3.9	2.0	3.9	5.7	7.1
28	2.8	16.1	0.8	4.3	5.5	11.5	-	29.6	3.4	10.8	1.8	34.6	-	-	0.8	2.6	3.4	3.6
29	-	16.7	-	-	3.8	13.6	1.1	4.7	10.9	8.8	5.0	11.9	-	-	-	1.3	11.3	2.1
30	-	8.0	-	0.2	0.8	5.1	-	1.4	0.3	0.7	0.6	3.5	71.0	3.2	4.8	-	0.7	-
31	-	9.6	0.2	-	-	-	-	4.1	2.6	0.5	1.2	7.9	-	3.7	2.8	-	0.8	4.8

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

DATE	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16
1	-	-	-	0.8	0.6	3.0	0.4	7.0	5.9	5.2	9.4	5.5	20.6	11.5	5.8	6.0	-	5.2
2	-	-	-	0.1	-	-	-	0.6	8.0	-	1.7	1.5	21.5	6.4	-	26.5	13.8	3.4
3	-	-	-	0.1	0.8	-	3.5	4.3	-	2.7	-	1.8	17.4	2.9	3.5	22.3	6.8	2.8
4	-	-	-	1.0	-	2.8	1.1	8.1	6.4	0.7	6.9	8.0	22.3	26.1	2.7	25.3	4.4	-
5	-	-	-	3.2	-	-	-	1.6	-	-	0.6	-	0.7	5.6	-	8.7	1.1	-
6	0.3	-	-	-	-	-	-	2.3	5.2	3.7	9.2	5.5	9.8	30.9	3.1	12.0	1.0	2.9
7	0.4	-	-	-	-	1.6	8.0	-	-	-	0.4	-	2.0	3.7	-	3.2	5.1	-
8	0.4	-	-	0.1	-	5.8	0.2	0.3	1.7	-	4.6	1.9	11.3	2.9	0.0	13.8	3.5	-
9	-	-	-	-	0.4	12.0	-	0.2	3.5	-	1.5	3.1	10.9	5.6	-	39.5	0.7	-
10	-	-	-	-	5.0	-	-	5.4	10.5	4.3	8.3	6.8	21.5	14.5	3.1	1.1	0.1	2.6
11	3.0	4.0	-	11.4	2.5	25.0	3.2	0.6	0.6	1.7	0.6	-	8.8	7.0	0.4	7.3	3.4	-
12	3.0	8.4	9.0	13.3	-	26.0	2.0	-	-	-	-	-	-	-	-	-	0.1	-
13	0.8	-	-	12.4	-	-	-	3.6	8.0	-	4.3	9.5	14.7	14.8	1.9	16.1	1.4	4.2
14	1.5	-	-	0.5	1.5	-	-	-	2.2	-	1.6	3.5	18.0	11.9	-	23.1	3.3	-
15	-	-	3.5	0.1	-	-	-	-	1.6	-	6.3	3.4	9.9	6.8	-	0.8	1.5	-
16	2.4	-	4.5	27.5	5.0	15.0	-	18.3	21.5	17.3	12.2	14.5	23.8	24.7	10.8	-	-	9.4
17	5.7	2.8	-	-	-	12.0	-	-	-	-	0.4	0.4	1.8	5.9	-	10.3	-	0.8
18	0.4	-	4.2	-	-	-	-	-	-	-	3.5	0.4	1.8	7.0	-	7.0	0.4	-
19	-	-	-	-	-	-	-	8.9	18.6	2.2	8.7	15.3	35.9	21.5	7.7	4.4	-	7.3
20	-	-	-	-	-	-	-	-	4.6	-	-	3.1	20.1	3.8	-	13.2	7.6	-
21	-	-	-	-	-	-	-	3.3	9.2	-	6.4	13.8	24.0	10.5	0.3	8.3	14.5	-
22	-	-	-	-	4.5	-	-	9.4	20.6	0.6	5.9	12.1	27.4	15.9	3.6	18.7	8.3	-
23	0.8	-	-	-	-	-	-	3.1	3.2	1.0	-	1.1	8.0	6.4	1.9	1.1	2.5	0.9
24	4.1	-	3.9	14.2	-	2.4	-	7.0	6.7	2.9	1.6	7.3	13.6	11.0	3.5	13.2	0.6	-
25	4.2	-	3.2	0.6	-	-	-	12.3	15.6	4.3	9.5	13.8	27.1	27.2	4.6	6.7	2.5	4.3
26	1.8	-	5.9	0.1	5.6	-	-	-	-	-	-	-	2.7	3.8	-	8.6	0.4	-
27	1.3	-	8.0	23.4	1.0	13.2	-	9.6	5.7	6.9	10.2	14.5	11.6	5.4	5.0	-	1.0	-
28	-	-	-	12.4	-	3.4	-	0.3	4.0	-	2.2	1.3	35.7	18.8	2.1	10.1	-	5.0
29	1.3	-	-	8.0	-	4.4	4.8	-	-	-	3.9	-	7.6	15.6	-	2.7	-	3.9
30	-	-	-	6.8	-	-	2.5	3.8	4.1	-	1.5	1.6	10.4	9.9	4.5	5.1	-	-
31	-	-	-	-	-	-	13.4	3.4	5.3	2.5	15.3	11.4	16.6	24.7	1.9	28.5	5.3	4.2

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

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

DATE	N 1R	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	6.4	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	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	0.2	1.1	0.9	0.3	-	2.6	0.9
2	6.5	1.3	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	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	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	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	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	-	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	1.5	-	3.5	0.3	0.3	1.7	6.7	21.4
17	-	10.4	14.5	3.4	4.0	4.0	0.3	-	9.0	8.5
18	-	3.0	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	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	-	-	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	-	-	0.7	3.0	1.9	6.3	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	4.4	0.2	-	0.2	1.2	-	-	0.8

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	DK 2	DK 3	DK 4	DK 5	DK 6	F 01	F 02	F 03	F 04	F 05	F 06	TC 1	N 03	N 05	N 06	N 07
1	4.9	3.9	0.3	2.7	3.0	-	-	-	0.8	0.6	3.0	0.4	7.0	4.5	8.5	5.7
2	0.1	1.7	0.6	0.2	0.2	-	-	-	0.1	-	-	1.4	7.8	-	1.2	2.4
3	-	0.1	-	-	0.3	-	-	-	0.1	0.8	-	5.0	-	2.6	-	2.4
4	7.2	8.9	3.4	3.3	4.9	-	-	-	1.0	-	2.8	1.2	14.0	0.8	6.2	9.5
5	0.8	0.5	-	0.4	-	-	-	-	3.2	-	-	2.5	-	-	0.8	-
6	4.0	8.0	8.3	6.2	1.4	0.3	-	-	-	-	-	0.9	4.6	4.0	8.8	5.9
7	0.5	1.0	1.5	0.9	1.4	0.4	-	-	-	-	1.6	12.5	-	-	0.3	0.1
8	0.8	2.5	1.6	1.3	2.4	0.4	-	-	0.1	-	5.8	0.1	1.7	-	4.8	3.2
9	2.4	3.5	1.0	0.5	0.8	-	-	-	-	0.4	12.0	-	3.6	-	1.0	5.8
10	4.3	6.9	2.4	2.0	0.8	-	-	-	-	5.0	-	-	11.0	4.0	7.7	7.5
11	1.9	0.6	7.5	6.0	3.6	3.0	4.0	-	11.4	2.5	25.0	4.4	0.5	2.2	1.9	-
12	1.1	1.2	0.6	0.1	1.2	3.0	8.4	9.0	13.3	-	26.0	3.6	-	-	-	-
13	1.7	0.1	-	1.2	2.5	0.8	-	-	12.4	-	-	0.2	7.6	-	4.0	10.0
14	2.5	2.6	5.6	2.7	8.6	1.5	-	-	0.5	1.5	-	-	2.0	-	2.3	4.0
15	1.9	0.6	-	0.3	3.1	-	-	3.5	0.1	-	-	-	1.8	-	7.0	4.9
16	8.2	9.0	9.4	0.3	9.7	2.4	-	4.5	27.5	5.0	15.0	-	21.6	17.2	13.4	15.0
17	0.4	2.6	5.3	4.9	7.6	5.7	2.8	-	-	-	12.0	-	-	-	0.2	0.2
18	0.9	4.2	0.8	0.9	2.3	0.4	-	4.2	-	-	-	-	-	-	4.8	0.5
19	1.6	0.3	-	0.1	4.1	-	-	-	-	-	-	0.1	8.0	2.3	8.2	15.5
20	1.2	5.0	0.1	-	0.3	-	-	-	-	-	-	-	4.5	-	0.1	3.4
21	0.5	1.7	0.1	-	-	-	-	-	-	-	-	-	9.0	-	5.5	11.7
22	2.8	4.5	0.3	-	-	-	-	-	-	4.5	-	-	20.0	0.6	6.7	12.5
23	-	0.1	-	-	-	0.8	-	-	-	-	-	-	3.5	1.1	-	1.5
24	3.7	5.7	5.4	1.6	2.9	4.1	-	3.9	14.2	-	2.4	-	7.2	2.9	2.4	7.6
25	9.0	6.0	6.2	1.7	4.8	4.2	-	3.2	0.6	-	-	-	14.5	4.0	9.1	13.9
26	0.2	2.1	2.5	1.3	5.3	1.8	-	5.9	0.1	5.6	-	-	-	-	-	-
27	1.4	2.2	5.7	6.2	8.1	1.3	-	8.0	23.4	1.0	13.2	0.3	14.5	7.2	10.1	13.9
28	2.4	2.0	3.8	1.9	2.8	-	-	-	12.4	-	3.4	0.2	4.0	-	3.9	2.5
29	-	0.2	5.5	13.3	0.2	1.3	-	-	8.0	-	4.4	6.4	-	-	3.8	-
30	2.8	5.0	2.6	0.6	0.2	-	-	-	6.8	-	-	3.8	4.3	-	2.2	1.8
31	3.5	3.2	-	2.0	6.7	-	-	-	-	-	-	19.0	5.0	2.5	17.2	14.0

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 08	N 09	N 10	N 14	N 15	N 16	N 20	N 23	N 24	N 28	NL 1	NL 2	NL 3	NL 4	S 03	S 07
1	19.1	11.5	5.6	6.0	-	5.1	0.8	2.6	21.5	2.5	0.3	1.2	0.9	2.3	-	-
2	19.5	6.4	-	26.0	17.8	4.2	-	-	3.0	9.0	5.4	3.1	0.2	2.7	4.0	6.5
3	17.6	3.1	3.2	20.5	9.5	2.9	-	2.5	15.0	3.0	0.5	0.2	-	0.9	-	2.4
4	19.8	26.2	2.5	25.0	5.1	-	-	0.2	4.0	4.0	2.5	6.3	3.6	2.2	3.1	4.0
5	0.8	5.5	-	8.5	1.4	-	-	-	0.5	0.5	5.2	4.0	2.1	6.4	-	-
6	9.0	30.9	3.0	12.0	1.2	3.1	3.1	2.8	22.0	4.3	2.8	3.4	1.9	5.1	-	1.7
7	2.1	3.7	-	3.3	6.4	-	-	0.6	3.5	-	2.5	3.7	1.1	5.2	-	-
8	10.4	3.0	0.1	13.4	4.4	-	-	0.5	5.0	-	0.9	4.4	0.5	2.2	4.0	-
9	9.2	5.5	-	44.7	1.2	-	-	-	9.5	1.4	0.9	1.5	0.5	1.8	-	-
10	21.3	14.5	3.0	2.0	0.4	2.9	2.8	5.0	14.5	0.2	12.4	10.9	12.7	8.4	-	4.8
11	7.5	7.0	0.5	8.7	4.0	-	-	0.4	7.5	-	7.8	11.6	8.0	12.0	-	-
12	-	-	-	-	0.2	-	-	-	-	-	6.6	8.8	7.4	5.8	-	-
13	13.5	14.8	1.9	16.8	2.0	4.5	-	0.5	23.6	-	0.1	-	1.1	0.8	-	1.6
14	16.5	12.0	-	24.5	4.5	-	-	-	7.5	-	3.2	3.0	2.4	3.8	-	-
15	8.0	6.8	-	0.9	2.7	-	-	-	2.6	-	-	1.5	-	0.3	-	-
16	21.1	24.7	10.8	-	-	10.9	11.4	6.5	11.8	7.0	9.6	11.9	8.7	8.1	10.5	6.1
17	1.7	6.0	-	11.2	-	0.8	6.4	-	7.0	0.5	2.6	7.0	3.4	6.9	-	-
18	1.9	7.0	-	8.2	0.5	-	0.9	-	4.0	3.5	3.0	3.0	2.4	6.2	1.9	-
19	36.2	21.5	7.2	4.1	0.1	8.0	-	1.0	23.6	4.0	1.3	-	0.1	1.0	4.2	-
20	18.6	4.1	-	13.1	11.4	-	-	-	4.7	-	-	0.4	-	-	4.2	5.3
21	22.5	10.5	0.1	7.6	16.5	-	-	-	9.3	0.8	-	-	-	-	-	-
22	26.1	16.1	3.6	18.2	10.4	-	-	-	4.6	5.0	0.1	0.1	0.8	-	3.7	-
23	7.9	6.6	2.0	1.3	4.8	0.9	1.8	-	5.5	-	0.5	-	-	0.9	-	0.9
24	13.7	11.0	3.9	13.6	0.8	-	0.4	4.9	10.1	-	6.7	5.9	5.1	5.1	2.1	2.7
25	27.1	27.2	4.5	7.6	3.0	4.6	-	3.1	4.8	2.0	19.8	21.3	4.8	12.9	1.5	1.3
26	2.5	4.0	-	9.3	0.7	-	-	-	0.5	-	7.7	3.3	4.8	8.8	6.0	-
27	11.6	5.4	5.0	0.2	1.5	-	9.0	6.5	10.0	1.0	1.5	4.5	4.7	9.3	-	-
28	34.5	18.8	2.2	9.6	-	5.8	-	1.5	9.0	6.0	0.1	0.7	0.4	0.4	4.4	4.6
29	7.4	15.6	-	2.9	-	4.3	-	-	5.6	-	6.8	3.7	2.5	11.1	-	7.1
30	9.0	9.8	4.3	6.1	-	-	2.9	-	18.6	7.0	1.5	1.8	3.3	3.0	-	-
31	15.5	24.7	2.0	28.6	18.0	4.9	-	2.3	19.5	10.0	0.8	1.9	0.1	1.2	10.0	8.7

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

OFFICIAL PRECIPITATION DATA (MM)

DATE	S 08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 2
1	-	-	0.2	0.9	0.8	0.3	5.4
2	1.3	11.2	3.2	6.5	6.7	0.5	-
3	-	-	-	2.4	0.9	2.8	12.1
4	2.4	6.1	7.3	10.7	6.1	0.2	7.0
5	-	-	0.7	3.3	6.3	4.0	1.4
6	1.4	0.7	0.2	2.2	2.6	0.1	3.0
7	-	-	1.2	4.8	1.9	0.4	9.9
8	1.9	2.4	3.3	2.5	0.9	-	4.1
9	1.6	0.4	7.3	4.1	2.3	5.6	16.1
10	5.8	1.1	0.2	1.2	1.4	0.1	12.3
11	4.8	10.8	2.8	3.3	0.5	0.6	3.0
12	8.0	21.2	5.3	6.0	7.4	0.6	4.0
13	-	-	1.5	0.4	1.4	1.3	6.4
14	3.9	-	6.8	0.1	1.1	1.3	8.7
15	-	-	3.4	1.7	1.7	0.4	19.1
16	4.0	3.3	0.1	3.0	0.5	0.4	13.2
17	10.4	13.4	3.3	4.0	4.1	0.5	12.8
18	3.0	1.4	10.1	3.1	6.8	3.0	0.3
19	1.3	1.9	1.3	3.7	2.2	2.7	24.5
20	4.3	9.6	1.7	1.3	4.0	1.1	15.4
21	-	-	0.1	3.3	-	2.5	22.2
22	-	10.6	10.2	7.0	2.6	3.2	2.6
23	-	-	0.4	3.2	-	0.5	4.5
24	2.8	-	0.1	0.5	2.0	0.8	-
25	6.2	2.4	5.1	3.0	4.2	2.4	32.3
26	-	0.8	2.6	2.0	6.6	1.4	18.7
27	-	-	0.2	4.2	2.3	0.2	5.6
28	10.3	0.4	0.2	0.6	0.2	0.5	13.6
29	0.8	-	0.2	0.5	-	-	1.7
30	-	-	-	0.5	0.1	-	2.0
31	11.3	1.6	0.3	0.2	0.5	1.5	5.3

CONCENTRATION OF SODIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	IC 1	NL 1	NL 2	NL 3	NL 4	S 02	S 08
1	13.1	3.6	0.9	3.2	1.1	1.4	13.0	-	2.7	11.0	2.4	2.9	-
2	21.2	-	1.0	1.7	1.8	6.4	-	1.7	1.3	-	1.4	6.9	3.4
3	-	-	-	-	-	-	10.0	-	-	-	-	-	-
4	19.4	16.6	4.6	4.8	10.6	5.0	14.0	2.9	5.1	26.5	0.4	19.2	7.5
5	-	15.8	-	-	9.4	5.2	8.4	9.9	12.8	47.5	6.9	-	-
6	0.7	7.2	0.3	-	1.7	-	-	5.3	1.5	28.0	0.9	21.2	12.4
7	-	34.4	1.2	-	3.0	0.9	4.0	2.4	2.6	12.8	1.3	3.0	-
8	-	-	0.3	2.4	1.1	0.5	15.0	2.1	0.3	-	0.6	3.6	3.6
9	-	23.8	6.0	9.8	-	2.4	-	-	1.6	-	0.6	95.1	5.6
10	-	17.4	4.0	20.0	11.0	7.7	-	2.2	1.0	16.0	1.5	107.0	5.8
11	46.0	18.6	14.4	0.9	3.2	1.8	3.1	5.4	2.2	20.8	1.8	200.0	2.5
12	-	-	3.0	7.4	6.6	10.6	17.0	0.6	0.6	4.9	0.5	58.0	1.6
13	10.0	12.2	-	14.8	-	-	-	-	-	9.4	-	22.0	-
14	-	-	1.4	4.8	6.4	3.2	-	2.4	1.2	10.6	1.1	19.0	6.8
15	1.6	16.3	3.0	-	19.0	2.7	-	-	3.5	-	-	-	-
16	10.2	9.8	1.2	10.0	7.3	3.8	-	1.7	1.0	6.2	1.7	32.0	5.6
17	10.6	11.8	1.2	6.4	5.0	3.5	-	102.0	27.0	118.0	29.5	27.0	2.4
18	-	-	2.8	-	4.8	2.5	-	25.5	18.8	87.0	14.8	17.4	3.6
19	3.8	14.0	12.8	22.4	-	5.4	-	7.0	-	-	-	15.3	2.4
20	-	-	2.1	14.4	-	3.4	-	-	-	-	-	14.0	3.8
21	-	27.0	8.2	-	-	-	-	-	-	-	-	14.0	-
22	5.2	26.0	1.1	18.2	-	-	-	3.5	-	73.0	-	14.0	-
23	-	-	-	-	-	-	-	-	-	-	1.3	9.0	-
24	-	3.8	0.2	-	3.2	1.9	-	2.5	1.1	5.2	0.7	9.0	4.4
25	-	2.0	0.8	-	7.6	0.9	-	0.2	0.5	5.7	0.2	9.0	4.0
26	-	-	2.0	2.7	3.8	0.4	-	6.1	4.1	21.6	2.1	9.0	-
27	-	8.8	2.8	7.0	0.2	0.2	-	9.6	2.0	18.4	3.5	9.0	-
28	-	-	14.8	12.2	3.0	1.1	-	-	4.1	-	-	9.0	2.8
29	-	-	-	30.4	0.0	0.7	41.0	6.3	7.3	146.0	1.7	9.0	15.0
30	10.3	14.8	4.8	-	5.6	-	41.0	9.0	3.2	14.6	2.3	22.0	-
31	-	19.4	0.3	-	0.8	0.7	12.0	5.1	3.1	-	2.0	22.0	3.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

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 18	N 19	N 20	N 22	N 23	N 24	N 25
1	0.09	0.18	0.07	0.20	0.20	0.06	0.46	0.07	0.07	-	0.04	0.04	0.05	0.02	0.36	1.01	1.65	0.04
2	-	0.27	-	3.77	0.89	0.58	0.79	-	0.43	0.13	0.03	-	-	-	-	-	0.77	0.14
3	0.18	-	0.17	-	0.76	0.17	0.36	0.16	0.20	0.40	0.05	-	-	-	2.64	2.95	0.25	0.09
4	0.08	0.11	0.44	2.13	0.56	0.28	0.63	0.17	0.53	0.03	-	0.08	-	-	3.28	-	3.03	0.08
5	-	-	-	2.16	-	1.15	1.18	-	0.03	0.04	-	-	-	-	-	-	3.26	0.38
6	0.05	0.01	0.02	0.29	0.03	0.02	0.03	0.03	0.31	0.04	0.05	0.02	0.06	0.01	0.29	2.65	0.12	-
7	-	-	-	2.30	-	0.14	0.21	-	0.07	0.08	-	-	-	-	-	2.34	0.23	-
8	-	0.23	-	0.34	0.27	0.44	0.36	-	0.30	0.06	-	-	-	-	-	2.40	0.55	0.06
9	-	0.86	-	11.09	2.25	0.73	1.08	-	0.10	0.20	-	-	-	-	-	-	1.98	0.13
10	0.28	0.35	0.11	4.01	0.96	0.29	1.05	0.21	0.24	0.22	0.08	-	0.03	0.03	2.97	4.07	-	0.10
11	0.28	0.31	0.02	4.49	-	0.14	2.35	0.25	0.17	0.05	-	-	-	-	-	-	2.08	0.33
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	0.24	0.21	-	3.49	0.63	0.17	0.44	0.25	0.05	0.02	0.02	0.22	-	-	5.70	10.23	0.40	-
14	-	0.58	-	5.11	0.64	0.28	0.65	-	0.10	0.04	-	-	-	-	-	-	1.34	-
15	-	0.39	-	0.85	0.25	0.02	0.25	-	0.26	0.03	-	-	-	-	-	-	0.22	-
16	0.16	0.09	0.08	2.97	0.68	0.08	0.48	0.10	-	-	0.02	0.13	0.04	0.01	1.78	8.56	0.30	-
17	-	-	-	2.04	0.26	0.05	0.15	-	0.05	-	0.07	0.11	-	0.01	-	-	0.11	-
18	-	-	-	1.69	0.31	0.20	0.28	-	0.53	0.08	-	-	-	0.02	-	-	0.69	-
19	0.13	0.18	0.12	2.25	0.32	0.10	0.31	0.10	0.09	-	0.02	0.05	0.13	-	0.74	9.38	0.22	0.28
20	-	0.56	-	-	1.98	0.19	0.81	-	0.54	0.03	-	0.05	-	-	-	-	1.38	0.10
21	0.22	0.18	-	2.49	0.29	0.20	0.27	0.30	0.53	0.05	-	-	-	-	-	-	0.29	0.19
22	0.05	0.08	0.22	3.60	0.78	0.20	0.31	0.05	0.12	0.05	-	0.20	-	-	20.40	60.48	0.59	0.06
23	0.25	0.18	0.38	-	0.99	0.18	0.55	0.30	0.37	1.36	0.20	-	0.05	0.10	-	-	0.39	0.11
24	0.38	0.34	0.31	5.47	0.65	0.27	0.41	0.18	0.16	0.91	-	0.08	-	0.14	0.72	8.08	0.70	0.07
25	0.19	0.24	0.19	2.25	0.44	0.12	0.28	0.20	0.15	0.05	0.05	0.10	0.03	-	1.39	10.49	0.86	0.07
26	-	-	-	-	-	0.17	0.42	-	0.13	0.04	-	-	-	0.06	-	-	1.91	0.90
27	0.03	0.03	0.07	0.50	0.27	0.06	0.14	0.05	-	0.22	-	0.02	-	0.01	0.25	1.21	0.20	-
28	-	0.18	-	8.83	1.73	0.23	1.00	0.03	0.17	-	0.01	-	0.02	-	0.10	1.77	1.12	0.26
29	-	-	-	2.58	-	0.33	0.57	-	0.32	-	0.01	-	-	-	-	-	1.79	0.06
30	0.43	0.30	-	2.50	0.70	0.09	0.62	0.11	0.10	-	-	0.05	0.09	0.02	-	-	0.32	0.41
31	0.23	0.03	0.18	0.47	0.12	0.80	0.79	0.05	0.39	0.53	0.02	0.02	0.02	-	1.04	2.16	0.24	0.35

CONCENTRATION OF MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 26	N 27	N 28	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	0.02	0.03	0.04	-	0.16	0.05	0.05	0.21	-	0.20	0.08
2	-	0.09	0.04	0.07	0.03	0.04	0.02	0.08	-	-	-
3	0.06	0.09	0.05	-	-	0.04	0.04	0.03	-	0.34	0.10
4	0.04	0.07	0.05	0.07	0.05	0.04	0.02	-	-	0.50	0.28
5	-	-	0.05	-	0.05	0.07	0.02	0.03	-	1.85	-
6	0.02	0.01	0.05	-	0.30	0.07	0.03	0.03	-	0.26	-
7	-	-	-	-	0.12	0.09	0.03	0.05	-	0.05	-
8	-	0.28	-	0.14	0.09	0.07	0.11	0.03	-	-	0.33
9	-	0.19	0.03	-	0.16	0.11	0.11	0.03	-	-	0.17
10	0.10	0.06	0.03	0.26	0.47	0.13	0.18	0.03	0.54	-	0.33
11	-	0.02	-	0.05	0.08	0.08	-	0.05	-	-	0.07
12	-	-	-	0.05	0.08	0.05	0.03	0.05	0.06	-	-
13	-	0.09	-	-	0.11	0.59	0.08	0.03	-	0.25	0.67
14	-	0.07	-	-	0.03	0.49	0.16	0.03	-	0.26	-
15	-	0.28	-	-	0.05	0.16	0.16	-	-	0.16	0.03
16	0.03	0.03	0.03	0.44	-	0.06	0.17	0.50	0.06	1.16	0.33
17	-	-	0.05	0.17	0.06	0.06	0.06	0.04	-	0.98	0.16
18	-	-	0.05	0.13	0.02	0.13	0.04	0.02	-	-	2.00
19	0.03	0.02	0.05	-	0.04	0.06	0.06	0.29	-	0.64	0.02
20	0.04	0.09	-	0.09	0.09	0.15	0.09	0.04	-	0.45	0.05
21	-	0.25	0.05	-	0.24	0.06	-	0.09	-	0.16	0.31
22	0.05	0.07	0.05	0.00	0.04	0.04	0.04	0.02	0.08	0.55	0.15
23	0.18	0.19	-	-	0.51	0.06	-	-	0.32	-	0.83
24	0.14	0.12	-	-	-	0.97	0.17	0.29	-	-	0.15
25	0.14	0.09	0.05	0.09	0.19	0.06	0.04	0.10	0.13	0.26	0.09
26	-	-	-	0.13	0.04	0.17	0.04	0.04	0.21	0.17	0.05
27	0.03	0.03	0.05	-	0.69	0.13	0.06	0.08	-	0.83	0.75
28	0.03	0.02	0.05	-	0.29	0.29	-	0.14	-	-	0.04
29	-	0.18	-	-	-	0.19	-	-	-	-	-
30	0.12	0.02	0.06	-	-	0.14	-	-	-	-	0.27
31	0.04	0.04	0.06	0.09	0.31	1.02	0.23	0.14	-	-	0.03

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	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC 1
1	1.2	-	-	-	3.4	-	9.0	8.1	1.8	8.1	6.6	-	-	-	3.0	9.6	2.4	1.7
2	0.4	-	-	-	4.0	-	-	11.1	-	-	8.1	-	-	-	1.8	-	-	-
3	-	-	15.3	-	-	-	-	12.6	-	-	11.4	-	-	-	2.1	11.9	-	1.9
4	-	-	10.7	-	8.5	-	36.0	6.0	4.5	6.0	7.5	-	-	-	-	-	3.3	2.5
5	-	-	6.4	10.5	5.8	-	39.6	2.4	5.1	7.2	2.4	-	-	-	-	-	-	5.0
6	0.4	10.3	3.3	-	5.5	-	20.7	1.8	7.8	5.1	2.7	28.5	-	-	-	-	-	-
7	0.4	-	5.1	6.0	1.8	-	16.8	3.3	2.1	5.1	4.5	26.3	-	-	-	-	5.1	1.1
8	0.3	12.7	-	3.9	5.5	-	-	6.0	4.8	4.5	4.5	20.6	-	-	-	-	8.4	11.2
9	-	-	-	-	-	-	-	9.0	2.4	6.0	4.2	39.4	-	-	-	-	9.2	4.5
10	-	8.3	2.7	17.4	9.1	-	23.4	-	-	2.1	4.8	-	-	-	-	-	9.0	-
11	-	3.0	4.8	4.0	1.9	-	4.2	3.0	1.8	1.5	3.3	10.2	-	-	-	-	9.8	0.8
12	-	4.3	2.2	2.8	1.6	-	-	2.1	1.5	3.0	2.7	11.4	3.0	4.2	-	-	0.9	3.7
13	0.8	4.5	-	3.7	2.4	-	25.2	-	3.3	-	1.8	15.9	-	-	-	-	-	-
14	-	-	9.7	-	-	-	10.5	4.5	2.1	3.9	2.4	9.9	-	-	-	-	9.0	-
15	-	-	1.0	-	1.8	-	9.0	4.5	1.2	-	2.4	-	-	4.4	-	-	-	-
16	-	1.8	2.4	3.4	1.5	-	9.0	2.4	0.9	1.5	2.1	6.0	-	13.8	-	-	9.0	0.0
17	-	1.9	6.1	1.5	1.4	-	20.7	2.4	1.2	1.2	2.1	1.5	2.5	-	-	-	0.0	-
18	0.3	-	5.4	4.6	2.7	-	-	2.1	1.5	5.7	3.0	19.9	-	3.3	-	-	-	-
19	0.6	-	-	-	4.2	-	-	3.3	3.0	5.4	5.4	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	12.3	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	63.6	-	-	-	-	-	-	-	-	-	10.1	-
23	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	0.0	10.9	10.9	45.4	8.8	7.5	21.9	5.4	1.8	3.3	7.8	3.8	-	4.2	-	-	4.4	-
25	-	-	-	-	8.7	-	11.7	1.8	1.2	1.5	3.9	2.6	-	7.4	-	-	-	-
26	0.0	-	1.5	14.2	2.1	-	23.1	3.0	-	3.0	3.9	4.2	-	4.2	-	-	7.5	-
27	0.0	2.1	2.0	1.4	1.6	-	5.7	3.0	1.5	1.5	3.0	5.4	-	3.9	-	-	6.2	3.6
28	0.3	3.2	2.5	1.7	1.6	-	10.5	5.7	0.3	4.5	2.1	-	-	-	-	-	3.6	-
29	0.8	-	-	2.0	1.4	16.2	24.9	3.3	2.1	2.4	1.8	13.1	-	-	-	-	3.8	2.7
30	0.8	-	5.6	9.3	3.0	-	-	5.7	5.4	1.8	2.4	-	-	-	-	-	-	3.7
31	0.3	2.4	-	-	-	-	38.4	3.9	2.7	6.6	4.5	-	-	-	-	-	-	2.1

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

DATE	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 18
1	1.6	2.0	2.3	0.9	2.4	1.1	1.4	1.2	0.5	-	0.8	4.1
2	-	5.1	-	0.0	3.7	0.4	1.1	-	0.2	0.2	1.1	-
3	4.4	-	5.6	-	5.9	2.8	5.1	5.4	0.6	0.0	5.1	-
4	1.0	1.9	11.1	2.5	3.6	0.6	1.1	2.8	0.1	0.2	-	3.3
5	-	-	-	0.7	-	0.5	0.8	-	0.1	0.5	-	-
6	0.6	0.3	1.2	0.1	2.2	0.3	0.1	0.5	0.1	0.2	1.4	0.3
7	-	-	-	1.7	-	0.6	0.8	-	0.3	0.0	-	-
8	-	1.5	-	0.8	2.4	0.9	1.5	-	0.1	0.0	-	-
9	-	0.9	-	0.0	1.0	0.3	0.7	-	0.0	0.0	-	-
10	0.6	0.5	0.8	2.4	0.8	0.6	0.7	1.2	0.2	0.0	1.9	-
11	0.8	0.4	0.1	2.9	-	0.2	0.5	2.9	0.0	0.2	-	-
12	-	-	-	-	-	-	-	-	-	0.9	-	-
13	1.0	1.2	-	2.0	1.7	0.8	1.3	1.6	0.0	0.1	0.4	2.5
14	-	0.3	-	2.4	0.5	0.0	0.1	-	0.0	0.2	-	-
15	-	0.2	-	0.3	0.2	0.1	0.0	-	0.7	0.2	-	-
16	0.7	0.0	0.9	1.8	1.0	0.1	0.3	0.7	-	-	1.0	2.1
17	-	-	-	1.1	0.4	0.0	0.0	-	0.5	-	1.2	1.3
18	-	-	-	1.0	1.0	0.3	0.3	-	0.4	3.6	-	-
19	1.4	1.0	1.2	1.2	1.4	0.5	0.9	1.6	0.7	-	0.1	1.2
20	-	1.7	-	-	3.5	0.4	1.6	-	0.0	0.1	-	1.4
21	3.3	2.2	-	2.2	2.1	2.1	2.2	6.0	0.8	0.0	-	-
22	1.7	1.6	2.1	2.2	3.9	1.2	2.7	1.7	0.6	0.0	-	3.9
23	9.2	6.4	8.2	-	11.6	4.6	5.6	9.9	4.3	3.3	4.4	-
24	6.3	3.8	6.0	3.4	3.6	1.8	1.7	4.9	0.7	1.0	-	5.7
25	1.7	1.0	2.0	1.3	1.5	0.6	1.2	2.6	0.6	0.9	1.5	1.0
26	-	-	-	-	-	-	1.3	1.4	-	0.6	0.5	-
27	0.7	0.5	0.5	2.0	2.0	0.6	2.0	0.8	-	1.0	-	1.0
28	-	0.7	-	2.3	1.9	0.7	0.9	0.5	0.5	-	0.9	-
29	-	-	-	1.5	-	0.0	0.6	-	1.0	-	0.7	-
30	1.4	0.9	-	0.9	1.4	0.0	0.7	0.4	0.2	-	-	1.4
31	1.3	0.7	1.9	1.0	1.5	0.3	0.6	0.8	0.4	0.7	0.3	1.0

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	2.4	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	0.4	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	2.8	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	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 12
1	-	-	-	2.8	1.3	1.3	1.4	-	0.8	0.7
2	0.9	5.2	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	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	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	2.7	3.3	1.8	2.8	-	6.0	-	1.8
11	-	4.1	1.0	2.6	2.7	-	1.6	-	-	0.4
12	-	2.4	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	-	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	5.0	-	2.1	2.3	0.3	5.9	0.6	0.2
17	-	1.9	2.5	1.5	5.9	1.5	3.0	-	-	0.5
18	-	3.6	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	1.4	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	-	-	-	11.3	2.7	-	-	0.4
25	5.0	5.7	3.7	3.9	4.2	3.0	0.4	2.6	0.9	1.0
26	-	-	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	0.4	1.3	5.2	0.0	0.0	-	-	0.5

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

PH IN PRECIPITATION.

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5
1	5.50	-	-	-	4.10	-	4.56	4.25	4.59	3.80	4.30	5.62	4.45	4.59	4.00	4.29
2	5.70	-	-	-	5.50	-	4.60	4.21	4.28	-	4.70	5.56	-	6.56	4.59	4.90
3	-	-	5.00	-	-	-	-	4.22	-	4.10	-	-	-	-	-	-
4	-	-	5.00	-	4.20	-	5.13	4.58	3.99	4.10	4.30	6.59	4.65	4.51	4.49	4.87
5	-	-	4.40	5.60	5.30	-	5.98	4.78	4.22	4.19	4.40	-	5.28	-	-	5.90
6	5.30	4.50	4.70	-	3.80	-	6.22	4.58	4.00	3.99	4.20	5.66	5.58	5.67	-	5.00
7	5.50	-	3.60	5.70	4.40	-	6.00	4.39	4.45	4.08	4.70	-	6.77	6.21	-	6.68
8	5.60	4.50	-	6.00	4.70	-	5.23	4.08	4.48	4.10	4.80	-	-	4.65	4.95	6.15
9	-	-	-	-	-	-	5.30	5.24	4.30	4.08	3.70	-	-	5.23	4.78	4.74
10	-	4.80	5.30	6.00	4.00	-	4.48	-	-	4.61	4.20	-	-	4.83	4.80	4.83
11	-	5.60	6.60	5.70	4.60	-	4.72	4.51	4.43	4.68	4.30	5.74	6.22	6.20	5.00	4.57
12	-	5.40	4.50	5.80	4.20	-	-	4.39	4.39	4.22	4.60	-	-	5.43	5.00	5.96
13	4.90	5.50	-	5.90	3.80	-	4.22	-	4.05	-	4.30	5.89	4.44	-	6.12	-
14	-	-	6.30	-	-	-	4.32	4.10	4.42	4.09	4.60	-	-	4.55	4.47	4.84
15	-	-	5.80	-	4.00	-	4.92	4.42	4.71	-	4.40	5.94	5.51	5.98	-	6.49
16	-	5.10	5.60	4.50	4.10	-	4.29	4.40	5.08	4.49	4.80	5.78	4.76	5.02	4.75	4.69
17	-	5.10	4.60	4.50	4.40	-	5.61	4.52	4.80	4.85	4.80	6.25	6.02	5.26	5.57	4.92
18	5.70	-	4.50	4.90	3.90	-	-	4.67	4.51	4.10	4.40	-	-	4.60	-	5.04
19	5.70	-	-	-	3.80	-	-	4.58	4.14	4.08	4.60	5.88	4.55	6.45	6.94	6.37
20	-	-	-	-	-	-	-	5.30	-	-	-	-	-	4.29	6.06	-
21	-	-	-	-	-	-	-	-	-	-	-	-	5.94	4.83	-	-
22	-	-	-	-	-	-	4.80	-	-	-	-	5.48	4.78	4.50	6.69	6.62
23	-	-	4.50	-	-	-	-	-	-	-	-	-	-	-	-	-
24	5.80	5.60	5.00	5.90	3.90	4.60	4.38	4.40	4.58	4.31	4.00	-	4.50	4.58	-	4.45
25	-	-	-	-	4.20	-	4.31	4.52	4.48	4.48	4.50	-	4.78	4.71	-	4.32
26	5.80	-	4.40	5.00	5.90	-	4.48	4.58	-	4.63	4.50	-	-	5.35	4.47	5.11
27	5.30	4.70	4.60	4.70	4.20	-	4.40	4.31	4.76	4.67	4.50	-	4.51	5.21	4.45	4.46
28	5.30	5.80	4.10	4.40	4.10	-	5.10	3.98	4.82	4.15	4.40	-	-	5.91	5.31	4.83
29	5.80	-	-	4.90	4.10	6.00	5.68	4.23	4.59	4.50	4.80	-	-	-	6.30	5.16
30	5.60	-	4.40	5.50	5.40	-	-	4.19	4.40	4.48	4.50	5.27	5.82	5.80	-	5.28
31	5.50	4.90	-	-	-	-	6.18	4.09	4.58	4.00	4.10	-	5.09	4.53	-	6.74

PH IN PRECIPITATION.

DATE	DK 6	F 01	F 02	F 03	F 04	F 05	F 06	IC 1	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10
1	3.94	-	-	-	6.15	5.42	6.42	5.50	4.35	4.65	5.20	4.65	4.80	4.80	5.40	4.90
2	5.65	-	-	-	6.15	-	-	-	-	4.00	-	4.95	4.60	5.05	5.30	-
3	-	-	-	-	6.13	6.43	-	5.40	3.85	-	4.20	-	3.50	4.25	4.15	4.10
4	4.35	-	-	-	-	-	6.23	5.80	4.80	4.50	6.50	4.55	4.35	5.10	4.95	5.90
5	4.83	-	-	-	-	-	-	5.70	-	-	-	5.10	-	5.00	5.20	-
6	-	6.68	-	-	-	-	-	-	4.60	6.05	5.40	5.30	5.40	5.50	5.65	5.30
7	4.80	4.12	-	-	-	-	6.10	5.40	-	-	-	4.95	-	5.80	5.50	-
8	5.13	3.65	-	-	-	-	6.01	6.50	-	6.20	-	5.00	5.45	5.05	5.60	-
9	4.58	3.89	-	-	-	6.40	6.27	-	-	5.40	-	5.35	4.80	5.25	5.75	-
10	4.19	-	-	-	-	6.09	-	-	4.90	5.45	5.00	4.95	4.95	5.15	5.35	4.75
11	4.15	4.95	5.70	-	-	5.05	6.08	5.40	4.65	6.05	5.30	5.85	-	5.45	5.55	6.40
12	6.16	4.77	5.77	5.75	-	-	6.02	4.90	-	-	-	-	-	-	-	-
13	-	4.24	-	-	-	-	-	-	4.55	4.65	-	4.40	4.40	4.75	4.80	5.20
14	4.37	4.16	-	-	-	5.77	-	-	-	6.00	-	5.05	5.20	5.20	5.45	-
15	4.96	-	-	6.08	-	-	-	-	-	5.20	-	5.30	5.65	5.55	5.75	-
16	4.36	4.66	-	6.67	-	5.85	5.93	-	4.70	4.95	5.05	4.85	4.75	5.20	5.65	5.20
17	4.41	6.06	5.83	-	-	-	6.27	-	-	-	-	6.20	5.70	6.00	5.55	-
18	4.65	4.81	-	6.37	-	-	-	-	-	-	-	4.60	5.10	5.20	5.00	-
19	6.70	-	-	-	-	-	-	-	4.55	4.60	5.20	4.55	4.60	4.80	4.75	4.95
20	4.49	-	-	-	-	-	-	-	-	4.50	-	-	4.20	4.95	5.10	-
21	-	-	-	-	-	-	-	-	4.25	4.20	-	4.45	4.45	4.20	4.40	5.50
22	-	-	-	-	-	5.51	-	-	4.55	4.40	4.65	4.35	4.35	4.50	4.40	5.00
23	-	4.09	-	-	-	-	-	-	3.85	3.85	5.90	-	3.75	4.00	4.35	3.90
24	4.30	5.80	-	6.33	-	-	5.70	-	4.05	4.05	4.15	4.30	4.20	4.30	4.55	4.20
25	4.48	4.73	-	6.36	-	-	-	-	4.55	4.50	5.10	4.50	4.50	4.70	4.55	4.55
26	5.02	5.22	-	5.82	-	5.42	-	-	-	-	-	-	-	4.70	4.75	-
27	4.24	5.37	-	5.93	-	5.87	5.77	-	4.85	4.90	4.90	4.30	4.40	4.65	5.90	4.65
28	5.52	-	-	-	-	-	6.43	-	-	5.20	-	4.60	4.40	5.15	5.20	5.15
29	5.68	4.27	-	-	5.95	-	6.27	5.60	-	-	-	5.65	-	5.10	5.30	-
30	-	-	-	-	-	-	-	5.80	6.35	5.05	-	4.90	5.25	5.15	5.55	4.75
31	4.55	-	-	-	-	-	-	5.80	5.60	5.55	4.70	4.70	4.55	4.90	5.05	4.90

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

PH IN PRECIPITATION:

DATE	N 14	N 15	N 16	N 18	N 19	N 20	N 22	N 23	N 24	N 25	N 26	N 27	N 28	NL 1	NL 2	NL 3
1	5.00	-	4.70	4.25	5.50	5.80	4.55	4.05	6.50	4.10	4.85	4.95	4.70	-	4.00	3.99
2	5.00	5.10	5.10	-	-	-	-	-	4.45	4.90	-	5.15	4.70	3.93	4.18	-
3	5.75	5.15	4.90	-	-	-	3.75	3.60	4.90	4.40	4.05	4.30	5.55	3.87	3.85	-
4	5.10	5.30	-	4.15	-	-	4.05	-	6.45	4.45	4.10	5.35	5.55	4.27	4.20	4.14
5	5.95	4.95	-	-	-	-	-	-	6.10	-	-	-	5.55	4.45	4.42	4.22
6	5.20	5.50	5.75	4.70	4.60	5.20	5.40	4.75	5.55	-	5.10	5.30	5.55	4.21	4.22	4.03
7	6.15	5.20	-	-	-	-	-	4.40	5.85	-	-	-	-	4.35	4.37	4.07
8	5.65	5.50	-	-	-	-	-	-	5.55	4.45	-	5.10	-	4.09	4.37	3.89
9	5.70	5.60	-	-	-	-	-	-	5.85	5.00	-	5.40	4.85	4.00	4.05	3.97
10	6.75	-	5.55	-	6.45	4.70	4.40	5.35	-	4.50	4.75	5.35	4.85	4.41	4.39	4.27
11	5.60	5.35	-	-	-	-	-	-	5.45	6.05	-	6.10	-	4.91	4.67	4.59
12	-	-	-	-	-	-	-	-	-	-	-	-	-	4.26	4.51	4.35
13	6.15	5.50	5.20	4.30	-	-	4.50	6.20	4.80	-	-	5.20	-	-	-	4.48
14	6.00	5.40	-	-	-	-	-	-	5.40	-	-	5.40	-	4.05	4.14	4.43
15	7.15	5.40	-	-	-	-	-	-	5.75	-	-	6.75	-	-	4.14	-
16	-	-	4.60	4.35	5.75	4.65	4.55	5.10	5.35	-	4.85	5.50	4.85	4.23	4.32	4.54
17	6.45	-	5.15	4.70	-	4.75	-	-	5.15	-	-	-	5.00	4.17	4.37	4.79
18	5.95	3.95	-	-	-	4.95	-	-	4.80	-	-	-	5.00	4.30	4.46	4.27
19	5.90	-	5.25	4.85	6.10	-	4.75	4.50	4.70	6.95	4.65	5.25	5.00	4.04	-	-
20	5.45	5.20	-	4.60	-	-	-	-	4.70	6.10	4.15	5.75	-	-	4.04	-
21	4.80	5.15	-	-	-	-	-	-	4.45	5.80	-	4.50	5.00	-	-	-
22	5.95	5.20	-	4.45	-	-	4.20	5.60	4.65	5.35	4.30	4.70	5.00	4.21	-	3.92
23	5.05	4.45	5.70	-	4.50	4.10	-	-	4.25	6.45	3.75	3.90	-	-	-	-
24	6.10	4.85	-	4.00	-	-	3.80	3.85	4.20	4.00	4.10	4.60	-	4.68	4.34	4.25
25	6.35	5.30	4.90	4.45	4.70	-	4.70	3.95	4.35	4.60	4.10	4.95	5.00	4.55	4.44	4.36
26	6.50	5.70	-	-	-	4.20	-	-	6.50	5.95	-	-	-	4.43	4.28	4.35
27	-	5.30	-	4.95	-	4.95	4.40	4.80	4.90	-	4.55	4.85	5.00	4.02	4.42	4.37
28	5.60	-	5.00	-	6.10	-	5.75	5.40	5.30	5.00	4.40	5.25	5.00	-	4.03	3.78
29	6.25	-	5.30	-	-	-	-	-	5.25	4.60	-	5.50	-	4.47	4.38	4.39
30	5.90	-	-	5.95	4.45	5.70	-	-	5.20	-	4.65	5.55	5.00	4.08	4.28	4.12
31	5.25	5.10	4.85	4.90	4.95	-	4.40	4.55	5.40	6.15	4.65	5.50	5.00	3.90	4.07	-

PH IN PRECIPITATION.

DATE	NL 4	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	4.11	-	-	5.75	5.60	-	-	4.90	5.50
2	4.10	4.53	4.74	5.23	4.98	-	-	-	-
3	3.96	-	-	4.98	4.83	6.75	-	4.50	4.50
4	4.32	4.26	4.45	5.00	4.79	-	-	5.30	5.20
5	4.22	-	-	7.13	4.70	5.02	-	5.20	-
6	4.17	-	-	5.44	4.49	4.85	-	4.50	-
7	4.29	-	6.62	5.57	4.82	-	-	4.60	-
8	4.17	4.64	4.41	5.92	-	7.24	-	-	5.40
9	4.30	-	4.50	4.61	4.64	5.82	-	-	5.30
10	4.44	4.45	-	6.41	4.40	-	5.20	-	5.90
11	4.73	4.50	4.46	5.15	-	5.61	-	-	4.80
12	4.39	4.38	5.03	4.72	4.80	4.87	4.05	-	-
13	4.27	-	5.47	-	4.83	4.69	-	4.90	4.50
14	4.46	-	4.36	-	4.54	4.68	-	5.20	-
15	-	-	4.62	5.01	4.41	-	-	4.70	4.60
16	4.45	6.19	-	4.67	-	-	4.30	5.00	4.80
17	4.40	4.44	4.60	4.31	4.53	-	-	4.90	5.20
18	4.24	7.69	4.53	5.15	4.44	4.88	-	-	5.70
19	3.90	-	4.73	4.35	4.67	6.90	-	4.90	5.20
20	-	4.80	4.39	5.36	4.65	4.54	-	4.90	5.10
21	-	-	-	6.03	-	5.81	-	4.50	5.70
22	-	4.71	5.16	4.63	4.35	5.64	4.20	4.40	4.30
23	4.26	-	-	5.75	-	-	4.80	-	5.50
24	4.47	-	-	-	3.77	-	-	-	5.60
25	4.51	4.48	4.24	4.68	4.29	4.47	4.55	4.80	4.20
26	4.40	4.63	4.45	4.27	4.56	5.61	4.60	4.40	4.50
27	4.46	-	-	4.45	4.64	-	-	5.00	5.00
28	-	-	-	-	-	-	-	-	5.20
29	4.55	-	-	-	-	-	-	-	-
30	4.10	-	-	7.09	-	-	-	-	4.60
31	4.05	5.77	-	-	-	6.51	-	-	5.60

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

* COMPUTED FROM PH

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01
1	NEG	-	-	-	*79	-	18	18	6	86	10	-25	57	-40	*100	69	*115	-
2	NEG	-	-	-	NEG	-	*25	30	*52	-	9	-33	-	NFG	*26	*13	NEG	-
3	-	-	NEG	-	-	-	-	*60	-	-	16	-	-	-	-	-	-	-
4	-	-	NEG	-	*63	-	9	16	10	49	30	NEG	23	46	39	25	64	-
5	-	-	*40	NEG	NEG	-	19	9	22	19	8	-	NFG	-	-	NFG	15	-
6	NFG	*32	*20	-	*158	-	14	8	32	75	8	-2	*9	-5	-	16	-	NEG
7	NEG	-	*251	NEG	*40	-	8	7	7	54	10	-	NEG	NFG	-	NEG	17	*76
8	NEG	*32	-	NEG	*20	-	NFG	9	18	26	9	-	-	25	22	NEG	36	123
9	-	-	-	-	-	-	NEG	13	10	56	27	-	12	19	*18	-	*26	*129
10	-	*16	NEG	NEG	*100	-	7	-	-	8	9	-	18	5	22	*11	*65	-
11	-	NFG	NEG	NEG	*25	-	11	11	16	14	12	-29	NFG	NFG	18	40	111	71
12	-	NFG	*32	NEG	*63	-	-	36	19	12	10	-	-	NFG	NEG	NEG	NEG	78
13	*13	NEG	-	NEG	*158	-	17	-	62	-	16	-39	50	-	NEG	-	-	99
14	-	-	NEG	-	-	-	14	16	*38	13	9	-	-	53	39	*14	35	*69
15	-	-	NEG	-	*100	-	12	10	16	-	7	-16	-6	NFG	-	NFG	70	-
16	-	NFG	NEG	*32	*79	-	18	19	6	10	12	-22	24	7	22	35	59	82
17	-	NFG	*25	*32	*40	-	14	28	7	12	10	NEG	NEG	-1	-12	21	53	NEG
18	NEG	-	*32	*13	*126	-	-	15	12	10	18	-	-	27	-	NFG	*22	*15
19	NEG	-	-	-	*158	-	-	*26	34	*83	23	-21	39	NFG	NEG	NFG	NEG	-
20	-	-	-	-	-	-	-	NEG	-	-	-	-	-	68	NEG	-	46	-
21	-	-	-	-	-	-	-	-	-	-	-	-	NEG	*15	-	-	-	-
22	-	-	-	-	-	-	22	-	-	-	-	-	-7	26	46	NEG	NEG	-
23	-	-	*32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105
24	NEG	NEG	NEG	NEG	*126	*25	19	25	15	28	11	-	58	32	-	60	70	37
25	-	-	-	-	*63	-	19	31	10	14	17	-	19	24	-	*48	42	80
26	NEG	-	*40	NEG	NEG	-	18	13	-	16	18	-	-	NEG	41	NEG	20	60
27	NFG	*20	*25	*20	*63	-	22	15	9	15	22	-	44	0	51	46	75	54
28	NEG	NFG	*79	*40	*79	-	9	30	10	38	12	-	-	NEG	1	18	-7	-
29	NEG	-	-	*13	*79	NEG	11	20	20	22	26	-	-	-	NEG	6	-5	98
30	NEG	-	*40	NEG	NEG	-	-	*65	19	24	10	-10	-7	-16	-	NEG	-	-
31	NEG	*13	-	-	-	-	11	20	17	41	10	-	11	51	-	NEG	41	-

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

* COMPUTED FROM PH

DATE	F 02	F 03	F 04	F 05	F 06	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 18
1	-	-	NEG	NEG	NEG	NEG	52	20	-6	25	18	16	0	5	8	-	24	56
2	-	-	NEG	-	-	-	-	119	-	8	30	8	0	-	-2	8	4	-
3	-	-	NEG	NEG	-	NEG	164	-	63	-	315	56	74	97	-32	3	20	-
4	-	-	-	-	NEG	NEG	15	37	NFG	33	45	13	12	-188	0	-1	-	71
5	-	-	-	-	-	NEG	-	-	-	8	-	10	8	-	-51	11	-	-
6	-	-	-	-	-	-	28	-15	-2	8	6	0	1	0	1	0	-19	21
7	-	-	-	-	NEG	NEG	-	-	-	11	-	-10	0	-	-82	7	-	-
8	-	-	-	-	NEG	NEG	-	-36	-	9	36	8	0	-	-14	0	-	-
9	-	-	-	NEG	NEG	-	-	-2	-	3	18	6	-12	-	-16	0	-	-
10	-	-	-	NEG	-	-	10	1	7	14	11	6	5	8	NFG	-	-29	-
11	26	-	-	NEG	NEG	NEG	28	NFG	4	NFG	-	-3	-5	NFG	-8	-4	-	-
12	28	50	-	-	NEG	*13	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	22	24	-	40	40	13	17	-10	-59	-8	0	50
14	-	-	-	40	-	-	-	-46	-	9	8	2	-1	-	-45	-2	-	-
15	-	NFG	-	-	-	-	-	5	-	4	3	-11	-8	-	NFG	0	-	-
16	-	NFG	-	36	30	-	17	5	1	10	25	-2	-8	-9	-	-	24	54
17	48	-	-	-	NEG	-	-	-	-	NFG	0	-34	-5	-	-102	-	NFG	20
18	-	NFG	-	-	-	-	-	-	-	25	8	2	8	-	-30	112	-	-
19	-	-	-	-	-	-	27	22	-22	36	31	12	18	2	-15	-	3	32
20	-	-	-	-	-	-	-	24	-	-	63	12	8	-	-12	1	-	31
21	-	-	-	-	-	-	64	50	-	35	35	63	40	0	19	-1	-	-
22	-	-	-	52	-	-	30	30	22	45	45	24	27	4	-24	1	-	35
23	-	-	-	-	-	-	163	121	-4	-	180	100	45	126	9	35	0	-
24	-	NFG	-	-	NEG	-	108	81	71	50	63	50	18	71	-53	14	-	100
25	-	NFG	-	-	-	-	30	27	-13	36	35	15	24	29	-110	2	7	35
26	-	26	-	57	-	-	-	-	-	-	-	20	15	-	-181	0	-	-
27	-	23	-	35	36	-	14	7	9	50	40	15	-4	19	-	4	-	8
28	-	-	-	-	NEG	-	-	-18	-	28	40	2	1	0	-6	-	7	-
29	-	-	23	-	NEG	NEG	-	-	-	-10	-	-4	-2	-	-114	-	-13	-
30	-	-	-	-	-	NEG	-54	4	-	13	4	1	-10	6	-37	-	-	-5
31	-	-	-	-	-	NEG	-19	-5	11	17	23	9	-2	8	0	6	7	14

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	03	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	-10	-	28	21	-2	15	59	46	82	48	62	-4	-	-	-
11	-	-	-	-	-12	-7	-	NFG	-	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	-	130	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	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	-	0	3	-	-	*13	NEG
2	14	54	39	35	11	16	-	-	-	-
3	76	-	-	-	11	28	-14	-	*32	*32
4	75	76	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	36	51	NEG	-	-120	-	-	NEG
9	-	82	-	44	40	41	-2	-	-	NEG
10	22	38	56	-	-20	67	-	NEG	-	NEG
11	-	79	40	47	13	-	8	-	-	*16
12	-	52	56	23	31	28	23	*89	-	-
13	23	-	-	14	-	34	30	-	*13	*32
14	-	81	-	61	-	50	31	-	NEG	-
15	-	-	-	34	20	60	-	-	*20	*25
16	32	67	-13	-	35	-	-	*50	NEG	*16
17	-	23	53	36	77	43	-	-	*13	NFG
18	-	56	NEG	44	27	54	18	-	-	NFG
19	-	54	-	34	75	*21	-82	-	*13	NFG
20	10	22	30	62	18	31	*29	-	*13	NFG
21	-	-	-	-	-2	-	-4	-	*32	NFG
22	-	-	24	19	38	61	-4	*63	*40	*50
23	2	-	-	-	-2	-	-	*16	-	NFG
24	56	59	-	-	-	215	-	-	-	NFG
25	18	70	46	72	30	67	44	*28	*16	*63
26	-	-	40	43	76	44	2	*25	*40	*32
27	-	-	-	-	50	34	-	-	NEG	NFG
28	24	31	-	-	-	-	-	-	-	NEG
29	11	54	-	-	-	-	-	-	-	-
30	-	-	-	-	-97	-	-	-	-	*25
31	7	2	-1	-	-	-	-33	-	-	NFG

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

SO2 IN AIR (MICROGRAMS PER M3)

DATE	A	02	CH 1	CH 2	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC	1 N	01 N	03 N	09
1	0	0	10	14	17	10	15	20	0	0	0	0	0	0	0	3	1	1	1	1
2	0	0	10	11	-	7	13	34	0	0	0	0	0	0	0	6	1	1	1	1
3	0	0	10	12	11	6	18	34	0	0	6	0	5	7	0	0	4	4	4	1
4	3	0	10	12	26	10	12	28	0	0	4	7	4	0	0	0	2	2	2	1
5	0	0	5	12	9	7	13	20	0	0	3	7	0	0	0	0	1	2	2	1
6	0	0	10	7	9	15	22	22	0	0	0	0	5	0	1	1	1	2	1	1
7	0	5	10	12	11	10	17	21	0	0	0	0	0	0	1	-	2	1	1	1
8	0	0	10	7	12	10	16	24	0	0	0	0	0	0	3	2	1	1	1	1
9	7	5	15	12	15	8	12	21	10	0	0	5	0	0	0	2	1	1	1	1
10	0	5	10	21	3	8	22	20	0	0	0	0	8	0	1	1	1	1	1	1
11	2	5	10	15	11	7	11	18	7	0	0	0	0	11	2	1	1	1	1	1
12	0	10	10	16	13	7	29	20	0	0	4	5	5	20	0	1	1	1	1	1
13	6	10	20	23	17	16	22	21	25	0	0	8	0	6	1	1	1	1	2	2
14	0	0	15	9	33	5	26	25	0	0	0	8	0	5	0	1	1	1	1	1
15	0	0	25	12	15	5	17	26	7	0	0	0	0	0	1	18	2	1	1	1
16	0	0	15	13	21	7	-	25	0	0	0	5	0	0	0	1	3	1	1	1
17	0	5	5	9	10	10	-	18	0	0	6	0	6	0	0	7	2	1	1	1
18	0	0	10	7	-	8	-	16	6	0	0	8	0	0	1	1	2	20	3	3
19	6	0	15	18	-	8	25	26	6	0	4	0	4	0	0	1	2	2	3	3
20	0	0	25	9	19	12	7	33	10	0	0	0	5	0	2	18	2	2	2	2
21	0	5	20	12	32	10	17	33	10	0	0	0	6	0	1	32	1	7	7	7
22	0	0	20	12	16	9	17	26	13	7	0	0	15	0	0	2	1	1	1	1
23	3	10	15	18	24	10	19	19	23	0	0	16	20	20	2	2	2	3	3	3
24	11	5	15	23	24	9	22	23	0	0	0	0	0	9	1	2	1	2	2	2
25	0	5	10	17	16	8	9	18	0	0	0	0	0	12	3	14	1	1	1	1
26	0	5	10	20	11	9	8	18	0	0	0	0	0	6	0	1	1	1	1	1
27	0	5	0	21	10	11	9	18	0	0	0	6	0	0	0	1	2	1	1	1
28	0	-	5	8	16	9	10	16	0	0	0	0	0	0	0	4	2	3	3	3
29	0	5	5	14	10	10	8	14	11	0	0	0	0	0	1	1	2	2	2	2
30	0	5	10	10	11	10	10	17	46	0	0	0	5	6	0	2	1	2	2	2
31	0	5	10	17	19	8	21	31	14	0	0	0	0	12	0	1	1	1	3	3

SO2 IN AIR (MICROGRAMS PER M3)

DATE	N 22	N 23	N 25	N 26	NL 1	NL 2	NL 3	NL 4	S 01	S 02	S 03	S 04	S 05
1	24	4	7	12	23	4	6	0	9	10	6	5	19
2	2	1	2	2	10	7	6	13	1	2	5	2	5
3	3	3	2	2	48	13	10	18	1	3	2	3	2
4	3	2	2	1	25	11	10	6	1	4	5	6	2
5	5	3	2	1	4	0	0	17	1	3	3	7	0
6	4	1	1	1	17	0	10	4	5	5	3	7	0
7	20	2	1	1	14	0	10	6	2	0	2	9	1
8	18	3	1	1	32	0	4	8	4	0	3	9	2
9	14	2	1	2	23	12	11	14	4	0	5	9	0
10	2	2	1	1	37	12	6	9	68	0	5	7	4
11	2	2	1	1	0	0	-	6	8	3	8	9	0
12	2	1	2	1	0	0	-	0	12	3	7	9	7
13	3	1	3	1	7	0	0	12	18	3	11	14	0
14	2	2	3	1	12	0	0	0	10	4	8	14	1
15	30	1	2	1	12	0	4	0	13	1	4	13	2
16	15	1	6	2	14	0	25	8	5	3	4	11	3
17	10	1	2	1	0	0	17	1	2	1	6	7	3
18	7	2	15	1	15	13	10	51	13	0	7	14	10
19	4	24	27	1	42	26	24	51	4	3	11	8	6
20	15	23	36	28	53	23	32	62	3	0	3	4	4
21	27	10	27	1	33	29	0	36	4	2	4	14	1
22	4	7	24	1	38	27	29	35	2	0	5	7	0
23	32	17	2	1	40	36	47	33	28	0	5	3	2
24	21	36	4	1	22	19	28	49	26	12	18	4	3
25	3	25	2	1	16	5	10	34	10	15	4	5	0
26	10	4	2	1	16	5	0	12	1	0	0	4	4
27	12	6	2	1	13	0	4	18	2	0	5	4	2
28	11	4	2	1	9	5	5	9	1	0	6	4	1
29	16	1	2	1	5	0	0	14	0	0	6	2	2
30	7	4	5	4	13	0	9	4	0	2	3	9	3
31	9	1	2	2	42	4	6	24	-	1	4	16	5

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 74

SO2 IN AIR (MICROGRAMS PER M3)

DATE	S 07	S 08	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK 9	UK11
1	2	4	10	11	3	0	5	12	1	15	58
2	0	6	0	11	6	5	6	10	3	22	82
3	7	6	0	0	3	3	3	22	4	22	82
4	4	6	0	3	3	3	5	10	1	30	66
5	7	7	0	3	3	3	3	6	1	44	90
6	1	6	4	3	6	6	3	7	1	37	74
7	1	4	0	3	6	8	5	7	1	37	66
8	8	6	0	0	0	3	3	13	1	15	82
9	5	7	0	3	0	0	0	6	1	30	82
10	5	9	3	0	0	0	3	13	1	30	66
11	1	10	3	0	0	0	3	41	1	30	74
12	4	7	10	3	6	5	5	28	5	30	82
13	7	4	4	8	6	3	7	37	3	29	66
14	4	19	0	3	3	0	5	18	1	29	49
15	3	7	0	9	3	0	8	4	1	29	49
16	5	14	10	0	9	0	0	29	1	29	88
17	2	2	7	11	15	3	3	3	1	36	66
18	10	2	7	8	15	11	25	13	4	36	77
19	4	5	11	14	12	11	33	8	1	29	77
20	0	3	0	5	6	8	0	8	2	15	77
21	7	4	0	0	3	3	5	13	1	15	66
22	1	8	0	0	0	0	0	14	-	15	55
23	2	29	4	0	0	0	0	25	4	29	55
24	5	16	20	3	0	3	0	9	1	22	74
25	4	10	4	3	6	0	3	5	2	22	65
26	2	4	7	0	6	0	5	8	3	22	65
27	4	5	7	0	8	0	3	7	1	43	46
28	4	3	11	0	3	0	3	7	1	14	55
29	5	7	24	0	3	0	5	28	1	29	65
30	5	2	14	3	6	0	3	23	2	37	73
31	7	0	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	4.6	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	4.5	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	3.3	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	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	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	1.3	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	0.6	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	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	0.8	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	1.1	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	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	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	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	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	1.6	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	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	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	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	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	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	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	1.1	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	1.5	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	1.1	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	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	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	1.3	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	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	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	1.1	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	0.6	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	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	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	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	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

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PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	F 01	F 02	F 03	F 04	F 05	F 06	IC	1
1	15	-	-	-	13	-	33	7	7	10	42	-	-	-	2	6	7	1	
2	0	-	-	-	1	-	-	23	-	-	38	-	-	-	0	-	-	-	
3	-	-	14	-	-	-	-	5	-	-	17	-	-	-	0	10	-	9	
4	-	-	32	-	33	-	580	22	5	13	22	-	-	-	-	-	9	3	
5	-	-	8	11	15	-	131	10	28	14	30	-	-	-	-	-	-	12	
6	7	8	17	-	9	-	166	16	60	10	69	9	-	-	-	-	-	-	
7	11	-	3	28	21	-	89	8	36	12	182	11	-	-	-	-	8	14	
8	4	3	-	1	29	-	-	6	4	8	50	8	-	-	-	-	49	1	
9	-	-	-	-	-	-	-	10	11	25	13	-	-	-	-	4	54	-	
10	-	3	22	10	33	-	494	-	-	4	13	-	-	-	-	45	-	-	
11	-	8	7	18	17	-	110	15	19	10	38	31	-	-	-	25	20	8	
12	-	8	13	13	16	-	-	10	14	4	17	34	25	38	-	-	23	13	
13	22	5	-	5	18	-	66	-	16	-	8	13	-	-	-	-	-	-	
14	-	-	21	-	-	-	223	4	1	9	5	15	-	-	-	14	-	-	
15	-	-	4	-	6	-	38	9	18	-	9	-	-	15	-	-	-	-	
16	-	8	38	16	14	-	199	15	9	9	33	14	-	62	-	45	-	-	
17	-	9	27	18	25	-	358	18	41	6	27	9	7	-	-	-	-	-	
18	0	-	2	12	32	-	-	19	13	7	33	8	-	14	-	-	-	-	
19	6	-	-	-	6	-	-	2	4	5	14	-	-	-	-	-	-	-	
20	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	-	-	-	-	-	-	184	-	-	-	-	-	-	-	-	45	-	-	
23	-	-	21	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	
24	-	27	2	32	47	9	230	17	19	16	30	16	-	16	-	-	11	-	
25	-	-	-	-	3	-	63	33	4	11	16	11	-	24	-	-	-	-	
26	-	-	20	11	2	-	122	13	-	20	18	8	-	25	-	42	-	-	
27	-	17	3	22	36	-	89	4	35	13	34	7	-	31	-	6	48	-	
28	5	3	11	9	18	-	311	19	3	8	73	-	-	-	-	-	12	-	
29	13	-	-	8	19	18	117	36	18	12	21	17	-	-	-	-	17	17	
30	6	-	1	7	15	-	-	2	4	1	8	-	-	-	-	-	-	14	
31	3	0	-	-	-	-	157	10	1	8	36	-	-	-	-	-	-	40	

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 01	N 03	N 05	N 06	N 07	N 08	N 09	N 10	N 14	N 15	N 16	N 18
1	11	14	10	8	14	21	17	7	3	-	4	13
2	-	40	-	-	9	9	7	-	4	3	5	-
3	19	-	15	-	14	49	16	17	13	-	15	-
4	8	26	9	15	35	12	28	7	2	1	-	40
5	-	-	-	0	-	0	5	-	1	1	-	-
6	1	1	5	1	13	2	3	2	1	0	4	1
7	-	-	-	0	-	1	3	-	1	-	-	-
8	-	2	-	4	8	9	4	-	2	0	-	-
9	-	3	-	-	6	3	4	-	-	0	-	-
10	3	5	3	19	6	13	10	4	0	-	6	-
11	0	0	0	6	-	1	4	1	-	1	-	-
12	-	-	-	-	-	-	-	-	-	0	-	-
13	4	9	-	8	17	11	20	3	1	0	2	24
14	-	1	-	6	2	0	2	-	-	1	-	-
15	-	0	-	2	1	1	-	-	1	1	-	-
16	13	-	15	24	15	3	9	7	-	-	11	9
17	-	-	-	0	0	0	-	-	5	-	1	2
18	-	-	-	5	1	1	2	-	3	2	-	-
19	12	8	3	10	22	20	18	11	3	-	1	4
20	-	8	-	-	12	7	7	-	-	1	-	9
21	11	20	-	12	29	48	23	1	6	1	-	-
22	16	33	1	15	49	32	43	6	12	0	-	4
23	29	22	9	-	17	36	37	20	6	16	4	-
24	44	27	17	8	27	25	19	19	10	1	-	52
25	21	14	8	12	21	18	33	12	4	3	7	6
26	-	-	-	-	-	3	5	-	6	0	-	-
27	7	8	3	20	28	7	11	4	-	2	-	8
28	-	3	-	9	5	25	17	1	5	-	5	-
29	-	-	-	6	-	-	10	-	3	-	3	-
30	5	4	-	2	3	-	6	2	1	-	-	2
31	4	3	5	17	22	4	15	2	11	13	1	8

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

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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	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	3	16	-	1	-	-	-
3	-	-	-	7	1	0	-	22	7
4	13	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	5	8	7	4	-	-	-	3
9	13	-	23	15	4	6	-	-	7
10	12	3	1	2	4	-	15	-	2
11	20	11	7	9	-	1	-	-	2
12	19	27	6	17	7	0	19	-	-
13	-	-	7	4	2	1	-	9	0
14	30	-	13	1	2	1	-	5	-
15	-	-	7	7	4	-	-	13	19
16	12	16	-	6	1	0	10	8	4
17	20	33	5	24	6	2	-	-	4
18	11	6	17	18	3	3	-	-	1
19	5	-	2	27	4	5	-	47	3
20	18	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	-	-	-	23	2	-	-	2
25	35	9	20	13	13	1	6	29	12
26	-	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	-	1	0	1	-	-	-	-	0

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PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	D 01	D 02	D 03	D 04	D 05	DK 1	DK 2	DK 3	DK 4	DK 5	DK 6	F 01
1	NEG	-	-	-	*310	-	67	16	24	103	64	-258	279	-156	*30	186	*344	-
2	NEG	-	-	-	NEG	-	*23	63	*5	-	42	-149	-	NFG	*15	*3	NEG	-
3	-	-	NEG	-	-	-	-	*24	-	-	24	-	-	-	-	-	-	-
4	-	-	NEG	-	*246	-	145	58	12	108	87	NEG	166	409	133	82	314	-
5	-	-	*52	NEG	NEG	-	63	37	119	36	98	-	NFG	-	-	NFG	-	-
6	NEG	*25	*104	-	*269	-	112	70	246	150	203	-68	-36	-40	-	99	-	NEG
7	NEG	-	*151	NEG	*462	-	42	16	120	130	405	-	NEG	NFG	-	NFG	24	*30
8	NFG	*6	-	NEG	*104	-	NEG	9	16	47	101	-	-	63	35	NFG	86	49
9	-	-	-	-	-	-	NEG	14	45	235	84	-	29	67	*18	-	*21	-
10	-	*6	NEG	NEG	*360	-	148	-	-	16	24	-	77	35	53	*22	*52	-
11	-	NFG	NEG	NEG	*226	-	287	56	171	91	137	-281	NEG	NFG	135	240	400	213
12	-	NFG	*187	NEG	*637	-	-	166	171	14	63	-	-	NFG	NEG	NFG	NEG	234
13	*344	NFG	-	NEG	*1220	-	44	-	298	-	67	NEG	85	-	NEG	-	-	79
14	-	-	NEG	-	-	-	297	14	*15	30	17	-	-	138	218	*39	301	*104
15	-	-	NEG	-	*360	-	50	20	242	-	26	-341	-11	NFG	-	NFG	217	-
16	-	NFG	NEG	*152	*731	-	398	118	61	61	188	-207	197	63	207	11	572	197
17	-	NFG	*111	*379	*717	-	242	210	242	61	129	NEG	NFG	-3	-64	103	403	NEG
18	NEG	-	*13	*34	*1486	-	-	133	102	13	198	-	-	113	-	NFG	*51	*6
19	NEG	-	-	-	*238	-	-	*13	44	*75	60	-819	62	NFG	NEG	NFG	NEG	-
20	-	-	-	-	-	-	-	NFG	-	-	-	-	-	340	NFG	-	14	-
21	-	-	-	-	-	-	-	-	-	-	-	-	NEG	*25	-	-	-	-
22	-	-	-	-	-	-	64	-	-	-	-	-269	73	207	NEG	NFG	-	-
23	-	-	*243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84
24	NEG	NEG	NEG	NEG	*667	*30	200	77	162	140	42	-	215	182	-	96	203	152
25	-	-	-	-	*25	-	103	577	33	102	70	-	171	144	-	*81	202	336
26	NEG	-	*529	NEG	NEG	-	95	56	-	107	83	-	-	NFG	103	NFG	106	108
27	NEG	*158	*35	*319	*1401	-	345	19	208	126	249	-	62	NEG	291	285	608	70
28	NEG	NFG	*342	*219	*913	-	266	102	108	68	415	-	-	NFG	4	34	-20	-
29	NEG	-	-	*48	*1080	NEG	52	218	176	110	309	-	-	-	NEG	80	-1	127
30	NEG	-	*8	NEG	NEG	-	-	*19	13	14	35	-710	-20	-80	-	NFG	-	-
31	NEG	*3	-	-	-	-	45	52	9	49	79	-	39	163	-	NFG	275	-

PRECIPITATED ACID (MICROEQUIVALENTS PER M2) * COMPUTED FROM PH

DATE	F 02	F 03	F 04	F 05	F 06	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 18
1	-	-	NEG	NEG	NEG	NEG	364	140	-27	213	103	306	NFG	28	48	-	122	175
2	-	-	NEG	-	-	-	-	928	-	10	72	156	NFG	-	-52	142	17	-
3	-	-	NEG	NEG	-	NEG	710	-	164	-	756	986	229	310	-656	29	58	-
4	-	-	-	-	NEG	NEG	122	518	NEG	205	428	257	314	-470	NEG	-5	-	854
5	-	-	-	-	-	NEG	-	-	-	5	-	8	44	-	-434	15	-	-
6	-	-	-	-	-	-	64	-69	-8	70	35	NEG	31	NFG	12	NEG	-59	60
7	-	-	-	-	NEG	NEG	-	-	-	3	-	-21	NFG	-	-271	45	-	-
8	-	-	-	-	NEG	NEG	-	-61	-	43	115	83	NEG	-	-188	NFG	-	-
9	-	-	-	NEG	NEG	-	-	-7	-	3	104	55	-66	-	-715	NFG	-	-
10	-	-	-	NEG	-	-	54	11	28	108	83	128	73	24	NEG	-	-84	-
11	104	-	-	NEG	NEG	NEG	16	NEG	9	NFG	-	-23	-35	NFG	-70	-16	-	-
12	235	450	-	-	NEG	*45	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	80	182	-	160	400	176	252	-19	-991	-16	NEG	481
14	-	-	-	60	-	-	-	-92	-	21	32	33	-12	-	-1103	-9	-	-
15	-	NEG	-	-	-	-	-	9	-	28	15	-88	-54	-	NEG	NFG	-	-
16	-	NEG	-	180	450	-	311	108	17	134	375	-42	-198	-97	-	-	262	217
17	134	-	-	-	NEG	-	-	-	-	NFG	NEG	-58	-30	-	-1142	-	NEG	27
18	-	NEG	-	-	-	-	-	-	-	120	4	4	56	-	-246	56	-	-
19	-	-	-	-	-	-	241	176	-51	295	481	434	387	14	-61	-	24	108
20	-	-	-	-	-	-	-	108	-	-	214	223	33	-	-157	11	-	189
21	-	-	-	-	-	-	212	450	-	193	486	1418	420	NFG	144	-17	-	-
22	-	-	-	234	-	-	282	600	13	301	563	626	435	14	-437	10	-	36
23	-	-	-	-	-	-	508	424	-4	-	270	790	297	252	12	168	NEG	-
24	-	NFG	-	-	NEG	-	756	583	206	120	479	685	198	277	-721	11	-	923
25	-	NEG	-	-	-	-	368	392	-52	328	486	407	653	131	-836	6	32	214
26	-	153	-	319	-	-	-	-	-	-	50	60	-	-1683	NFG	-	-	-
27	-	184	-	35	475	-	135	102	65	505	556	174	-22	95	-	6	-	62
28	-	-	-	-	NEG	-	-	-72	-	109	100	69	19	NFG	-58	-	41	-
29	-	-	184	-	NEG	NEG	-	-	-	-38	-	-30	-31	-	-331	-	-56	-
30	-	-	-	-	-	NEG	-206	17	-	29	7	9	-98	26	-226	-	-	-7
31	-	-	-	-	-	NEG	-64	-25	28	292	322	140	-49	16	NFG	108	34	116

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	-83	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	R	-	-	-	-	365	-	-	-	-
22	-	-	30	NEG	74	NEG	52	197	50	*6	-	*96	-	-	-	248	30	55
23	187	144	-	-	352	NEG	368	183	-	-	-	-	-	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	SF 1	SF 2	SF 3	SF 4	SF 5	UK 1	UK 2	UK12
1	-	-	-	-	NEG	2	-	-	*68	NFG
2	91	70	437	112	72	107	-	-	-	-
3	182	-	-	-	26	25	-39	-	*383	*164
4	300	182	415	321	182	177	-	-	NEG	NFG
5	-	-	-	-	NEG	202	68	-	NEG	-
6	20	45	-	-	NEG	127	3	-	*95	-
7	-	-	-	-24	461	46	-	-	*249	-
8	-	46	86	168	NEG	-	NEG	-	-	NFG
9	-	131	-	321	164	94	-11	-	-	NFG
10	106	220	62	-	-24	94	-	NEG	-	NFG
11	-	379	432	132	43	-	5	-	-	*82
12	-	416	1187	122	186	207	14	*463	-	-
13	37	-	-	21	-	48	39	-	*81	*47
14	-	316	-	415	-	55	40	-	NEG	-
15	-	-	-	116	34	102	-	-	*381	*319
16	195	268	-43	-	105	-	-	*85	NEG	*339
17	-	239	710	119	308	176	-	-	*161	NFG
18	-	168	NEG	444	84	367	54	-	-	NFG
19	-	70	-	44	278	*47	-221	-	*308	NFG
20	53	95	288	105	23	124	*32	-	*194	NFG
21	-	-	-	-	-7	-	-10	-	*702	NFG
22	-	-	254	194	266	159	-13	*114	*104	*226
23	2	-	-	-	-6	-	-	*14	-	NFG
24	151	165	-	-	-	430	-	-	-	NFG
25	23	434	110	367	90	281	106	*68	*512	*763
26	-	-	32	112	152	290	3	*188	*744	*215
27	-	-	-	-	210	78	-	-	NEG	NFG
28	110	319	-	-	-	-	-	-	-	NFG
29	78	43	-	-	-	-	-	-	-	-
30	-	-	-	-	-49	-	-	-	-	*18
31	61	23	-2	-	-	-	-50	-	-	NFG

APPENDIX

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

JULY 74

CONCENTRATION OF NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	N 01	N 26	N 28	SF 2
1	-	1.60	-	0.35	1.40	-	-	-	-	-
2	-	-	1.45	-	-	-	-	-	-	-
3	1.00	0.00	-	0.75	2.35	5.05	-	0.21	0.06	-
4	-	-	-	-	-	-	-	-	0.06	-
5	-	2.65	2.25	-	-	-	-	-	0.07	-
6	0.50	6.80	-	-	5.25	-	0.08	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	5.30	-	-	-	-	-	-	-
9	-	5.25	-	4.00	4.10	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	0.31
11	-	-	-	-	-	-	-	-	0.08	-
12	-	-	2.55	-	-	-	-	-	0.09	-
13	-	3.00	0.75	3.95	0.55	6.85	-	-	-	-
14	2.85	-	-	1.30	1.15	1.70	0.12	-	0.09	-
15	-	-	1.00	-	-	4.15	0.16	0.09	-	-
16	2.05	1.40	0.00	1.10	0.95	4.85	0.21	0.12	0.07	-
17	2.95	1.20	1.95	1.05	1.10	2.00	-	-	0.08	0.60
18	0.70	1.70	4.25	3.05	1.45	-	-	-	-	0.15
19	1.20	4.60	9.15	2.60	1.95	-	-	-	0.18	0.50
20	1.40	-	-	4.95	5.45	-	-	-	0.01	-
21	0.70	-	-	-	0.80	-	-	-	0.07	-
22	-	-	-	-	-	-	0.32	0.09	0.01	-
23	-	-	0.70	-	-	-	-	-	-	-
24	-	0.60	-	0.90	1.70	4.55	0.21	-	0.11	-
25	-	-	-	-	1.80	-	0.16	-	0.07	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	0.06	-
29	-	-	-	-	-	-	-	-	-	-
30	-	-	1.60	-	5.25	-	-	-	-	0.12
31	-	2.50	-	3.65	-	2.00	-	-	-	0.11

CONCENTRATION OF AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 26	N 28	SF 2
1	-	-	-	-
2	-	-	-	-
3	-	0.21	0.06	-
4	-	-	0.05	-
5	-	-	0.05	-
6	0.02	-	-	-
7	-	-	-	-
8	-	-	-	-
9	-	-	-	-
10	-	-	-	1.30
11	-	-	0.08	-
12	-	-	0.11	-
13	-	-	-	-
14	0.06	-	0.03	-
15	0.18	0.04	-	-
16	0.14	0.05	0.05	-
17	-	-	0.01	0.97
18	-	-	-	0.23
19	-	-	0.05	0.11
20	-	-	0.04	-
21	-	-	0.02	-
22	0.25	0.07	0.01	-
23	-	-	-	-
24	0.07	-	0.02	-
25	1.45	-	0.03	-
26	-	-	-	-
27	-	-	-	0.64
28	-	-	0.02	-
29	-	-	-	-
30	-	-	-	0.27
31	-	-	-	0.21

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

JULY

74

CONCENTRATION OF POTASSIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05
1	0.9	0.2	0.1	-	0.2
2	0.5	0.3	-	-	-
3	0.7	0.2	0.1	-	0.2
4	0.6	0.2	-	-	-
5	1.7	0.1	-	-	-
6	0.9	0.2	-	-	0.1
7	-	0.3	-	-	-
8	1.5	-	-	-	0.1
9	-	0.1	-	-	0.1
10	2.7	0.1	0.9	-	0.4
11	-	-	-	0.1	0.1
12	4.3	-	0.1	0.2	0.1
13	0.8	-	2.0	0.1	0.6
14	-	-	0.1	0.1	0.1
15	1.5	0.6	-	-	-
16	0.4	0.2	0.1	0.2	0.3
17	-	-	-	0.1	0.1
18	-	-	0.2	0.2	0.1
19	4.0	0.3	0.4	-	0.4
20	-	-	0.2	-	0.3
21	-	-	-	-	0.1
22	2.3	-	-	-	-
23	-	-	-	0.2	0.2
24	0.4	0.2	0.1	0.1	0.1
25	-	0.1	0.2	0.2	0.2
26	-	0.3	-	-	-
27	-	-	-	-	-
28	3.5	-	-	-	-
29	1.8	-	-	-	-
30	-	0.2	-	-	0.1
31	0.3	-	-	-	-

CONCENTRATION OF IRON IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	NL 1	SF 2
1	0.00	-
2	0.00	-
3	0.00	-
4	0.10	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	0.12
11	-	-
12	0.20	-
13	0.00	-
14	0.20	-
15	-	-
16	0.10	-
17	0.00	0.16
18	-	0.07
19	0.00	0.17
20	-	-
21	-	-
22	0.00	-
23	0.00	-
24	-	-
25	-	-
26	0.00	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	0.21

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

JULY

74

CONCENTRATION OF CALCIUM IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 02	D 03	D 04	D 05
1	-	0.10	0.10	0.00	0.00
2	0.10	0.00	0.10	0.10	0.00
3	-	0.20	0.10	0.20	0.20
4	0.10	0.10	0.10	0.10	0.00
5	-	0.00	0.10	0.40	0.20
6	0.10	0.00	0.10	0.10	0.20
7	-	0.00	0.00	0.10	0.00
8	0.00	0.00	0.10	0.10	0.00
9	-	0.00	0.10	0.10	0.00
10	0.10	0.10	0.10	0.10	0.00
11	-	0.10	0.10	0.20	0.00
12	0.10	0.00	0.10	0.10	0.20
13	-	0.40	0.00	0.10	0.20
14	0.00	0.10	0.00	0.00	0.00
15	-	0.10	0.10	0.40	0.00
16	0.10	0.00	0.00	0.10	0.20
17	-	0.00	0.10	0.00	0.00
18	0.10	0.00	0.00	0.10	0.00
19	-	0.00	0.00	1.70	0.00
20	0.10	0.00	0.10	0.10	0.00
21	-	0.10	0.00	0.00	0.00
22	0.10	0.10	0.00	0.30	0.00
23	-	0.10	0.10	0.30	0.20
24	0.10	0.00	0.10	0.10	0.00
25	-	0.00	0.00	0.10	0.00
26	0.10	0.00	0.00	0.20	0.00
27	-	0.00	0.10	0.30	0.00
28	0.10	0.10	0.10	0.10	0.20
29	-	0.00	0.10	0.40	0.00
30	0.10	0.10	0.00	0.10	0.00
31	0.00	-	0.20	0.10	0.00

NO2 IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 03	D 04	D 05
1	3	2	4	4
2	2	2	5	4
3	2	3	11	5
4	3	3	5	4
5	2	2	7	4
6	1	3	4	4
7	2	3	5	4
8	2	3	4	4
9	5	3	7	6
10	2	4	4	5
11	2	2	6	5
12	-	3	-	3
13	2	3	7	3
14	2	2	4	3
15	-	2	6	3
16	6	3	6	3
17	2	2	5	3
18	1	6	10	3
19	2	9	9	3
20	2	4	5	4
21	2	3	6	4
22	3	4	5	3
23	2	2	6	5
24	6	3	6	4
25	2	2	3	4
26	3	3	5	4
27	2	3	4	5
28	3	4	5	4
29	2	2	5	4
30	1	4	4	4
31	5	2	4	4

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

AUGUST 74

CONCENTRATION OF NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	N 01	N 10	N 26	N 28	SF 2
1	-	-	1.20	-	-	-	-	-	-	-	-
2	-	-	-	-	1.95	-	-	-	-	0.14	-
3	-	-	-	-	-	-	-	-	-	-	-
4	1.00	6.30	-	0.50	1.80	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-
6	0.50	-	1.40	-	-	-	-	-	-	-	0.04
7	0.20	2.00	0.40	0.80	1.90	0.70	-	-	-	-	0.08
8	-	0.50	-	0.00	1.10	0.70	-	-	-	-	-
9	-	-	0.50	-	1.00	-	1.10	-	0.20	-	-
10	0.00	0.70	0.90	0.20	0.85	-	-	-	-	0.23	0.11
11	-	0.60	-	0.50	0.60	-	-	-	0.25	-	0.13
12	-	-	-	-	-	-	-	0.00	0.18	0.12	0.41
13	-	-	-	-	-	-	-	-	0.13	-	-
14	-	-	-	-	-	-	-	0.11	0.07	0.09	0.21
15	-	-	-	-	-	-	-	0.03	-	0.18	-
16	-	-	-	-	-	-	-	-	-	0.18	-
17	1.10	-	-	-	2.40	-	-	-	-	-	-
18	2.60	-	-	2.40	1.60	-	-	0.00	-	-	-
19	-	-	10.00	-	-	-	-	-	-	-	0.18
20	-	-	-	-	-	-	-	-	-	-	-
21	3.50	2.30	15.10	-	-	0.90	-	-	-	-	-
22	2.20	1.40	-	2.30	4.50	0.70	-	-	-	-	-
23	-	-	-	3.00	1.40	0.70	-	0.52	-	0.21	-
24	1.10	-	-	-	5.40	0.70	-	0.45	-	-	-
25	-	-	3.00	-	-	-	-	-	-	-	-
26	0.70	0.70	5.50	-	2.10	0.15	-	1.17	0.65	0.99	-
27	1.80	-	-	0.50	0.70	0.40	-	-	-	0.17	-
28	-	-	-	-	-	-	-	0.34	-	-	-
29	-	-	-	-	-	-	-	-	-	-	0.37
30	-	1.20	1.10	-	-	-	-	-	-	-	-
31	1.50	-	0.00	0.80	0.00	0.40	-	-	-	-	-

CONCENTRATION OF AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 10	N 26	N 28	SF 2
1	-	-	-	-	-
2	-	-	-	0.06	-
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	0.26
7	-	-	-	-	0.48
8	-	-	-	-	-
9	1.35	-	0.60	-	-
10	-	-	-	0.42	0.36
11	-	-	0.70	-	0.34
12	-	0.00	0.14	0.10	1.14
13	-	0.00	0.14	-	-
14	-	0.03	0.09	0.04	0.55
15	-	-	-	0.08	-
16	-	-	-	0.11	-
17	-	-	-	-	-
18	-	0.00	-	-	-
19	-	-	-	-	0.92
20	-	-	-	-	-
21	-	-	-	-	-
22	-	-	-	-	-
23	-	0.28	-	0.02	-
24	-	0.33	-	-	-
25	-	-	-	-	-
26	-	2.57	1.10	1.40	-
27	-	-	-	0.37	-
28	-	0.14	-	-	-
29	-	-	-	-	0.94
30	-	-	-	-	-
31	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA

AUGUST

74

CONCENTRATION OF CHLORINE IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05
1	-	-	-	-	-
2	-	-	-	-	-
3	-	0.7	-	1.4	-
4	4.5	0.0	-	3.1	2.0
5	-	0.1	-	1.8	-
6	-	-	-	-	-
7	-	-	0.0	1.0	-
8	41.6	0.9	0.5	1.0	1.8
9	10.5	0.7	3.2	1.1	1.6
10	18.9	3.4	0.8	0.2	1.6
11	21.8	0.1	4.1	0.4	1.6
12	17.7	0.1	-	-	2.5
13	-	0.1	-	-	-
14	-	-	-	-	-
15	48.3	-	-	-	-
16	-	-	-	6.6	-
17	-	-	-	1.9	1.9
18	-	-	-	-	1.7
19	-	-	-	-	1.6
20	-	-	-	-	-
21	-	-	-	-	-
22	-	-	-	-	-
23	-	-	-	-	-
24	-	-	-	-	-
25	-	-	-	-	-
26	-	-	3.1	1.4	-
27	-	-	3.1	-	2.1
28	-	-	-	-	2.7
29	-	-	-	-	-
30	-	-	-	-	-
31	-	-	2.1	1.4	-

CONCENTRATION OF CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	N 01	N 10	N 26	N 28	NL 1	SF 2
1	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	0.01	-	-
3	-	2.60	-	3.60	-	-	-	-	-	1.00	-
4	0.20	0.30	-	1.50	0.60	-	-	-	0.05	0.40	-
5	-	0.30	-	1.30	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	0.40
7	-	-	0.60	1.60	-	-	-	-	-	-	-
8	2.20	2.30	0.30	1.10	0.80	-	-	-	-	0.70	-
9	0.40	0.80	0.10	0.90	0.20	0.56	-	0.18	-	0.20	-
10	0.80	1.30	0.20	0.30	0.10	-	-	-	0.09	0.20	0.40
11	0.70	0.20	0.20	0.10	0.30	-	-	0.11	0.10	0.20	0.40
12	0.40	0.80	-	-	0.90	0.09	0.08	0.09	0.03	0.10	0.90
13	-	1.20	-	-	-	-	-	0.08	0.13	-	-
14	-	-	-	-	-	0.05	0.06	0.04	0.04	-	0.90
15	1.60	-	-	-	-	-	0.46	-	0.06	-	-
16	-	-	-	10.40	-	-	-	-	0.12	4.90	-
17	-	-	-	3.20	2.50	-	-	-	0.05	-	-
18	-	-	-	-	0.40	-	0.62	-	-	1.60	-
19	-	-	-	-	0.50	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	0.34	-	-
22	-	-	-	-	-	-	-	-	0.11	-	-
23	-	-	-	-	-	-	0.51	-	0.03	-	-
24	-	-	-	-	-	-	0.50	-	0.14	-	-
25	-	-	-	-	-	-	-	-	0.06	-	-
26	-	-	1.30	1.80	-	1.27	1.34	0.38	0.44	1.80	-
27	-	-	0.70	-	0.30	-	-	-	0.08	-	-
28	-	-	-	-	0.40	-	0.22	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	0.90
30	-	-	-	-	-	-	-	-	-	-	-
31	-	-	0.80	0.50	-	-	-	-	-	4.30	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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CONCENTRATION OF POTASSIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	NL 1
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	0.5	-	0.3	-	0.3
4	0.0	0.0	-	0.5	0.2	0.4
5	-	0.0	-	0.3	-	-
6	-	-	-	-	-	-
7	-	-	0.2	0.4	-	-
8	0.5	0.6	0.1	0.1	0.1	0.6
9	0.1	0.1	0.1	0.1	0.0	0.1
10	0.3	1.4	0.1	0.1	0.0	0.1
11	0.3	0.0	0.0	0.0	0.0	0.0
12	0.2	0.2	-	-	0.1	0.0
13	-	0.1	-	-	-	-
14	-	-	-	-	-	-
15	0.9	-	-	-	-	-
16	-	-	-	5.1	-	1.5
17	-	-	-	0.5	0.3	-
18	-	-	-	-	0.1	7.1
19	-	-	-	-	0.1	-
20	-	-	-	-	-	-
21	-	-	-	-	-	-
22	-	-	-	-	-	-
23	-	-	-	-	-	-
24	-	-	-	-	-	-
25	-	-	-	-	-	-
26	-	-	0.3	0.2	-	1.0
27	-	-	0.2	-	0.1	-
28	-	-	-	-	0.2	-
29	-	-	-	-	-	-
30	-	-	-	-	-	-
31	-	-	0.1	0.1	-	0.6

CONCENTRATION OF IRON IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	SF 2
1	-
2	-
3	-
4	-
5	-
6	0.21
7	0.00
8	-
9	-
10	0.22
11	0.23
12	-
13	-
14	0.19
15	-
16	-
17	-
18	-
19	-
20	-
21	-
22	-
23	-
24	-
25	-
26	-
27	-
28	-
29	0.26
30	-
31	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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CONCENTRATION OF CALCIUM IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 02	D 03	D 04	D 05
1	0.20	0.20	0.10	0.40	0.20
2	0.20	0.00	0.10	0.10	0.00
3	0.30	0.10	0.00	0.30	0.00
4	0.10	0.10	0.10	0.20	0.20
5	0.10	0.10	0.10	0.10	0.00
6	0.10	0.10	0.00	0.10	0.00
7	0.20	0.00	0.00	0.10	0.00
8	0.10	0.40	0.00	0.00	0.00
9	0.20	0.00	0.00	0.10	0.00
10	0.10	0.10	0.10	0.10	-
11	0.30	0.10	0.20	0.10	0.20
12	0.20	0.10	0.00	0.10	0.00
13	0.40	0.00	0.10	0.20	0.00
14	0.40	0.40	0.20	0.60	0.20
15	0.30	0.40	0.00	0.30	0.00
16	0.10	0.20	0.20	0.30	0.20
17	0.20	-	0.40	0.20	0.20
18	0.10	-	0.00	0.00	0.00
19	0.10	-	0.00	0.20	0.00
20	0.10	-	0.10	0.10	0.00
21	0.10	-	0.40	0.00	0.00
22	0.10	-	0.10	0.00	0.00
23	0.00	-	0.10	0.10	0.00
24	0.10	-	0.40	0.20	0.20
25	0.30	-	0.00	0.20	0.20
26	0.70	-	0.20	0.40	0.20
27	0.10	-	0.10	0.10	0.00
28	0.40	-	0.00	0.10	0.20
29	0.00	-	0.00	0.20	0.00
30	0.20	-	0.10	0.40	0.00
31	0.80	-	0.30	0.70	0.00

NO2 IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 03	D 04	D 05
1	3	2	7	4
2	2	3	5	5
3	2	3	8	3
4	8	3	6	3
5	2	2	8	3
6	2	5	9	4
7	5	5	11	3
8	7	3	5	5
9	3	3	6	5
10	10	2	4	4
11	2	3	4	4
12	3	2	4	5
13	1	3	5	4
14	7	3	9	4
15	4	3	7	4
16	5	3	8	5
17	2	4	5	3
18	1	6	5	6
19	1	6	7	5
20	10	8	5	5
21	6	5	10	3
22	3	7	7	3
23	-	7	6	4
24	3	5	5	4
25	5	5	6	3
26	7	4	7	4
27	2	3	5	5
28	4	6	10	8
29	5	4	9	3
30	5	4	9	4
31	8	4	13	3

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CONCENTRATION OF NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	N 01	N 10	N 26	N 28	NL 1	SF 2
1	0.40	0.70	0.50	0.70	1.50	0.60	0.64	0.63	0.95	-	3.34	-
2	0.50	0.50	0.40	0.60	1.50	1.50	0.41	0.29	0.32	0.60	4.20	0.38
3	0.60	0.30	-	0.40	0.00	1.20	0.24	0.28	0.23	0.32	-	-
4	0.30	-	-	-	0.90	-	0.26	0.12	0.25	0.17	0.23	-
5	-	-	0.20	-	-	-	0.16	0.16	0.12	-	0.21	0.60
6	1.10	0.50	-	0.40	0.60	1.40	0.18	0.11	0.15	0.13	-	1.15
7	0.00	-	-	-	-	-	0.23	0.15	0.15	0.16	-	0.27
8	-	-	0.40	-	-	-	0.17	-	-	0.16	-	0.18
9	0.50	0.50	-	0.20	0.40	1.50	-	-	-	0.16	0.16	-
10	-	-	-	-	-	-	-	-	-	-	-	0.22
11	-	-	-	-	-	-	-	-	-	0.05	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	1.10	-	0.47	0.18	-	-
14	-	-	4.50	-	-	-	-	1.47	0.33	0.22	-	-
15	-	2.70	-	-	-	-	-	1.58	1.30	-	-	-
16	-	-	-	-	-	1.10	0.88	1.92	1.15	0.42	-	-
17	-	-	-	-	-	-	0.97	1.38	-	0.47	8.07	-
18	-	-	1.60	-	0.00	-	-	-	-	0.13	-	-
19	-	-	-	-	6.00	0.70	0.13	0.12	1.70	0.09	-	-
20	-	-	-	-	3.70	-	0.27	0.20	0.16	-	-	0.50
21	1.10	-	-	-	-	0.50	0.75	0.47	0.36	0.05	0.31	-
22	-	-	-	-	1.10	0.00	0.18	0.02	0.18	0.15	0.31	-
23	-	1.20	1.00	0.50	1.10	2.10	0.38	0.61	0.31	0.15	0.21	-
24	-	0.80	0.40	0.30	0.60	1.50	0.42	0.51	0.28	0.15	0.23	-
25	-	0.30	2.90	0.30	0.60	1.70	0.16	0.47	0.16	0.15	0.14	0.30
26	-	-	-	1.70	1.00	-	-	0.02	-	0.15	0.29	0.13
27	-	-	0.30	-	-	-	0.24	0.25	0.19	0.15	0.14	-
28	-	0.15	0.60	0.20	0.20	0.30	0.21	0.32	0.23	0.15	-	-
29	-	-	1.60	0.30	1.00	0.20	-	0.61	0.40	-	-	-
30	-	-	4.60	0.20	0.70	-	-	-	-	-	1.17	0.38

CONCENTRATION OF AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 10	N 26	N 28	NL 1	SF 2
1	0.80	0.60	1.05	-	1.96	-
2	0.63	0.15	0.37	0.48	1.85	1.70
3	0.18	0.58	0.24	0.40	-	-
4	0.14	0.03	0.11	0.05	0.96	6.60
5	0.09	0.00	0.04	-	0.65	0.43
6	0.05	0.03	0.19	0.06	-	2.10
7	0.25	0.58	0.19	0.07	-	0.85
8	0.18	-	-	0.07	-	0.38
9	-	-	-	0.07	0.37	-
10	-	-	-	-	-	0.47
11	-	-	-	0.01	-	-
12	-	-	-	-	-	-
13	1.10	-	0.63	0.14	-	-
14	-	1.53	0.33	0.17	-	-
15	-	2.29	2.05	-	-	-
16	1.00	1.32	1.50	0.50	-	-
17	0.98	1.47	-	0.17	1.99	-
18	-	-	-	0.20	-	-
19	0.12	0.43	2.65	0.07	-	-
20	0.14	0.07	0.37	-	-	0.85
21	0.44	0.26	0.32	0.04	0.90	-
22	0.13	0.03	0.22	0.05	0.82	-
23	0.30	0.09	0.20	0.05	0.90	-
24	0.36	0.12	0.19	0.05	0.75	-
25	0.11	0.10	0.06	0.05	0.56	0.52
26	-	0.00	-	0.05	1.12	0.55
27	0.20	0.00	0.17	0.05	0.58	-
28	0.15	0.00	0.18	0.05	-	-
29	-	0.00	0.17	-	-	-
30	-	0.00	-	-	2.88	1.20

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CONCENTRATION OF CHLORINE IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05
1	39.5	1.4	1.8	6.7	-
2	34.5	-	1.9	2.7	-
3	-	-	1.4	9.9	0.9
4	130.0	1.6	-	-	1.2
5	75.5	-	-	-	-
6	97.5	2.0	1.4	3.1	0.9
7	101.0	1.7	-	6.6	-
8	226.0	-	-	-	-
9	70.5	1.4	1.0	2.1	1.4
10	-	-	-	-	1.2
11	-	-	-	-	-
12	51.0	2.1	-	-	-
13	7.0	2.9	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-
16	-	-	-	-	-
17	-	-	-	1.9	-
18	-	2.9	3.6	-	-
19	125.0	-	-	-	2.3
20	-	-	-	-	-
21	26.8	-	-	2.3	-
22	38.8	2.5	2.0	4.3	0.1
23	13.8	0.1	1.1	2.4	0.3
24	88.0	3.1	1.6	3.3	0.3
25	-	-	1.2	1.9	0.1
26	57.3	-	1.1	4.7	0.0
27	15.2	0.1	-	3.7	-
28	74.1	-	2.4	5.2	0.1
29	30.8	-	1.9	3.5	-
30	27.6	-	3.7	2.5	-

CONCENTRATION OF CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	N 01	N 10	N 26	N 28	NL 1	SF 2
1	2.80	0.60	0.30	1.00	-	0.42	0.95	1.30	-	0.40	-
2	2.40	-	0.20	0.20	-	0.43	0.17	0.12	0.40	0.40	-
3	-	-	0.20	2.00	0.90	0.20	0.22	0.13	0.14	-	-
4	3.10	1.10	-	-	0.30	0.14	0.10	0.08	0.08	0.20	-
5	1.70	-	-	-	-	0.11	0.12	0.13	-	0.10	2.50
6	2.60	1.70	0.60	0.30	0.80	0.10	0.09	0.06	0.18	0.30	-
7	2.50	1.60	-	1.60	-	0.17	0.08	0.06	0.05	0.40	2.00
8	4.80	-	-	-	-	0.19	-	0.13	0.05	-	0.80
9	1.80	1.70	0.20	0.70	0.40	-	-	-	0.05	0.20	-
10	-	-	-	-	0.30	-	-	-	-	-	1.30
11	-	-	-	-	-	-	-	-	0.06	-	-
12	2.20	6.30	-	-	-	-	-	-	-	1.00	-
13	0.60	2.00	-	-	-	0.51	0.61	0.32	0.08	0.40	-
14	-	-	-	-	-	-	0.80	0.08	0.03	-	-
15	-	-	-	-	-	-	0.27	0.24	-	1.00	-
16	-	-	-	-	-	0.43	1.01	0.47	0.17	-	-
17	-	-	-	0.20	-	0.60	0.60	-	0.10	0.50	-
18	-	3.10	1.70	-	-	-	-	-	0.21	-	-
19	3.10	-	-	-	0.70	0.19	0.16	0.66	0.07	-	-
20	-	-	-	-	-	0.18	0.11	0.14	0.07	-	-
21	0.80	-	-	0.70	-	0.26	0.17	0.17	0.03	0.30	-
22	0.90	2.20	0.90	1.50	1.10	0.16	0.08	0.26	0.06	0.20	-
23	0.50	1.40	0.50	0.60	0.90	0.13	0.08	0.09	0.06	0.20	-
24	2.80	1.00	0.30	0.90	0.60	0.19	0.04	0.08	0.06	0.50	-
25	-	-	0.10	0.20	0.30	0.07	0.08	0.10	0.06	0.10	0.80
26	1.80	-	0.20	0.90	0.50	-	-	0.14	0.06	0.30	0.80
27	0.60	0.70	-	0.30	-	0.13	0.04	0.73	0.06	0.10	-
28	1.90	-	0.20	0.50	0.40	0.19	0.10	0.13	0.06	-	-
29	0.90	-	0.20	0.20	-	-	0.15	0.12	-	0.70	-
30	0.80	-	0.70	0.40	-	-	-	-	0.27	0.50	1.80

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CONCENTRATION OF POTASSIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	NL 1
1	2.6	0.1	0.1	2.6	-	0.1
2	0.9	-	0.1	0.0	-	0.1
3	-	-	0.0	0.2	0.0	-
4	1.8	0.2	-	-	0.0	0.1
5	0.8	-	-	-	-	0.1
6	1.0	0.2	0.0	0.0	0.0	0.2
7	1.3	0.1	-	0.3	-	0.2
8	2.4	-	-	-	-	-
9	0.8	0.1	0.0	0.0	0.0	0.1
10	-	-	-	-	0.0	-
11	-	-	-	-	-	-
12	0.9	0.5	-	-	-	0.4
13	0.1	0.2	-	-	-	0.3
14	-	-	-	-	-	-
15	-	-	-	-	-	7.4
16	-	-	-	-	-	-
17	-	-	-	0.0	-	0.4
18	-	0.2	0.5	-	-	-
19	1.3	-	-	-	0.1	-
20	-	-	-	-	-	-
21	0.4	-	-	0.0	-	0.2
22	0.4	0.4	0.4	0.1	0.2	0.2
23	0.2	0.0	0.1	0.0	0.1	0.1
24	1.5	0.3	0.0	0.1	0.0	0.3
25	-	-	0.0	0.0	0.1	0.1
26	0.8	-	0.0	0.2	0.1	0.1
27	0.2	0.0	-	0.0	-	0.1
28	1.1	-	0.0	0.0	0.1	-
29	0.3	-	0.0	0.0	-	0.6
30	0.6	-	1.2	0.0	-	0.4

CONCENTRATION OF IRON IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	NL 1	SF 2
1	0.00	-
2	0.00	-
3	-	-
4	0.00	-
5	0.00	0.11
6	0.00	-
7	0.10	0.16
8	-	0.10
9	0.10	-
10	-	0.23
11	-	-
12	0.00	-
13	0.00	-
14	-	-
15	0.10	-
16	-	-
17	0.00	-
18	-	-
19	-	-
20	-	-
21	0.00	-
22	0.00	-
23	0.00	-
24	0.00	-
25	0.00	0.21
26	0.00	0.10
27	0.00	-
28	-	-
29	0.10	-
30	0.00	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS. FINAL DATA
 CONCENTRATION OF CALCIUM IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 02	D 03	D 04	D 05
1	0.30	-	0.00	0.20	0.00
2	0.20	-	0.00	0.00	0.20
3	0.20	0.00	0.00	0.10	0.00
4	0.40	0.30	0.00	0.00	0.00
5	0.10	0.10	0.10	0.10	0.00
6	0.00	0.00	0.10	0.10	0.00
7	0.30	0.20	0.00	0.00	0.00
8	0.40	0.40	0.10	0.10	0.20
9	0.40	0.10	0.00	0.00	0.00
10	0.40	0.10	0.00	0.10	0.00
11	0.30	0.60	0.00	0.10	0.00
12	0.80	2.30	0.00	0.10	0.00
13	0.40	0.70	0.10	0.30	0.20
14	0.10	0.10	0.00	0.00	0.00
15	0.10	0.10	0.00	0.10	0.00
16	0.80	0.80	0.10	0.10	0.00
17	0.20	0.30	0.10	0.20	0.00
18	0.50	0.00	0.10	0.20	0.00
19	0.40	0.10	0.00	0.10	0.00
20	0.40	0.10	0.00	0.40	0.00
21	0.30	0.10	0.10	0.20	0.00
22	0.10	0.10	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00
24	0.10	0.10	0.10	0.10	0.20
25	0.20	0.10	0.00	0.00	0.00
26	0.10	0.30	0.00	0.00	0.00
27	0.10	0.10	0.00	0.10	0.00
28	0.10	0.40	0.00	0.10	0.00
29	0.30	0.10	0.10	0.10	0.00
30	0.10	0.00	0.00	0.00	0.20

NO2 IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 03	D 04	D 05
1	7	3	10	4
2	5	2	7	4
3	5	2	7	3
4	6	2	4	4
5	4	2	7	5
6	2	2	5	4
7	6	2	4	4
8	2	2	3	4
9	5	3	6	3
10	2	3	5	2
11	9	3	8	3
12	16	4	10	4
13	7	4	10	5
14	6	5	5	4
15	5	4	10	3
16	8	5	7	4
17	4	4	7	4
18	2	6	16	6
19	3	5	7	5
20	2	11	13	5
21	4	6	-	5
22	3	3	5	5
23	8	3	7	5
24	10	3	5	4
25	9	3	6	6
26	7	4	7	11
27	9	2	12	7
28	6	2	7	3
29	5	2	4	4
30	6	3	10	4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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CONCENTRATION OF CHLORINE IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05
1	15.9	-	4.3	4.5	1.7
2	18.9	-	1.7	2.9	-
3	25.2	-	1.5	2.9	0.7
4	-	5.2	-	-	-
5	52.5	9.5	1.5	4.3	1.1
6	-	-	1.5	1.6	1.7
7	47.7	4.4	2.1	1.6	0.7
8	7.0	-	1.7	1.6	-
9	-	4.1	1.5	-	1.1
10	-	-	-	4.3	1.5
11	38.8	-	2.1	3.9	-
12	15.9	4.3	3.9	5.1	-
13	-	-	2.3	3.3	-
14	-	6.7	1.3	6.0	1.9
15	-	7.2	-	3.5	-
16	5.8	5.4	0.8	-	1.5
17	-	-	0.9	-	-
18	9.5	5.1	1.1	3.1	-
19	24.0	4.7	0.8	3.5	1.5
20	-	-	1.3	3.5	0.1
21	-	0.4	2.5	3.1	2.1
22	28.2	1.1	2.1	1.7	1.8
23	-	0.2	1.9	2.5	2.1
24	196.0	6.4	2.3	4.5	2.7
25	128.4	1.7	2.3	5.2	2.5
26	169.2	4.8	2.3	3.9	2.3
27	92.5	5.4	2.7	3.5	2.1
28	-	2.3	2.3	4.3	2.3
29	-	0.5	1.9	5.0	1.9
30	-	0.4	2.1	3.3	1.5
31	-	2.7	2.5	-	2.7

CONCENTRATION OF CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	N 01	N 10	N 26	N 28	NL 1	SF 2
1	0.40	-	1.70	1.20	1.00	0.20	0.14	0.14	0.09	-	0.38
2	0.50	-	0.40	1.10	-	0.10	-	0.08	-	-	-
3	0.60	-	0.10	0.70	0.40	0.05	0.08	0.03	-	0.40	-
4	-	1.60	-	-	-	0.04	0.04	0.04	0.17	-	0.38
5	1.40	1.60	0.30	2.30	0.60	-	0.10	0.03	-	0.40	0.38
6	-	-	0.30	0.50	1.60	0.11	0.09	0.06	-	0.20	-
7	2.30	1.90	0.10	0.20	0.20	0.16	-	0.13	-	0.80	-
8	0.50	-	0.10	0.10	-	0.11	-	-	-	-	-
9	-	0.70	0.20	-	0.40	-	-	-	-	0.30	-
10	-	-	-	0.50	0.50	-	-	-	-	-	-
11	1.20	-	0.50	0.40	-	-	-	0.06	-	-	-
12	0.60	0.60	2.10	2.10	-	-	-	-	-	-	-
13	-	-	0.20	0.10	-	-	-	-	-	-	-
14	-	1.00	0.10	1.30	0.70	-	-	-	0.06	-	-
15	-	1.70	-	0.60	-	-	-	-	0.12	-	-
16	0.40	0.80	0.30	-	0.10	0.16	0.17	0.05	0.12	-	-
17	-	-	0.10	-	-	0.25	0.11	0.05	0.12	-	-
18	0.50	0.70	0.20	0.30	-	0.17	0.15	0.10	-	0.40	-
19	0.50	0.40	0.10	0.20	0.30	0.09	0.05	0.03	-	-	-
20	-	-	0.20	0.20	0.40	0.06	0.02	0.04	0.12	0.50	-
21	-	0.20	0.10	0.60	0.10	0.07	0.03	0.04	-	-	-
22	0.70	0.10	0.20	0.10	0.40	0.21	0.09	0.05	0.08	0.00	-
23	-	0.20	0.20	0.20	0.10	-	-	-	-	-	-
24	3.70	1.20	0.40	1.10	2.00	-	-	-	0.08	0.80	-
25	3.50	0.10	0.30	1.00	1.20	-	-	-	0.08	0.70	0.13
26	4.20	0.40	0.10	0.40	0.30	-	-	-	0.08	0.60	-
27	2.40	0.80	0.20	0.20	0.30	-	-	-	0.09	0.60	-
28	-	0.20	0.10	0.30	0.40	-	-	-	-	0.20	-
29	-	0.40	0.10	0.40	0.60	-	-	-	0.09	-	-
30	-	0.20	0.10	0.30	0.50	-	-	-	-	-	-
31	-	0.20	0.30	-	0.80	0.66	0.40	-	-	-	-

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CONCENTRATION OF POTASSIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	NL 1
1	0.1	-	1.1	0.4	0.3	-
2	0.2	-	0.1	0.3	-	-
3	0.3	-	0.0	0.1	0.1	0.3
4	-	0.6	-	-	-	-
5	0.6	0.6	0.1	0.3	0.6	0.5
6	-	-	0.0	0.0	0.5	0.2
7	1.0	0.3	0.0	0.0	0.0	0.2
8	0.1	-	0.0	0.0	-	-
9	-	0.1	0.0	-	0.1	0.4
10	-	-	-	1.0	0.1	-
11	0.4	-	0.4	0.1	-	-
12	0.1	0.1	1.4	0.8	-	0.4
13	-	-	1.0	0.0	-	-
14	-	0.1	0.0	0.8	0.0	-
15	-	0.1	-	0.1	-	-
16	0.1	0.1	0.1	-	0.0	-
17	-	-	0.0	-	-	-
18	0.2	0.1	0.1	0.0	-	0.1
19	0.2	0.1	0.0	0.0	0.1	-
20	-	-	0.3	0.0	0.0	0.2
21	-	0.1	0.0	0.1	0.0	-
22	0.1	0.0	0.1	0.0	0.0	0.1
23	-	0.0	0.1	0.0	0.0	-
24	2.4	0.9	0.2	0.1	0.4	2.3
25	3.1	0.0	0.1	0.2	0.6	1.5
26	2.9	0.1	0.1	0.1	0.1	0.6
27	1.3	1.2	0.1	0.0	0.1	0.7
28	-	0.1	0.0	0.0	0.0	0.3
29	-	0.1	0.2	0.1	0.0	-
30	-	0.0	0.1	0.1	0.0	-
31	-	0.0	0.1	-	0.1	-

CONCENTRATION OF IRON IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	NL 1	SF 2
1	-	0.13
2	-	-
3	0.00	-
4	-	0.45
5	0.00	-
6	0.00	-
7	0.10	-
8	-	-
9	0.00	-
10	-	-
11	-	-
12	0.00	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	0.00	-
19	-	-
20	0.00	-
21	-	-
22	0.00	-
23	-	-
24	0.00	-
25	0.20	0.14
26	0.00	-
27	0.00	-
28	0.00	-
29	-	-
30	-	-
31	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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CONCENTRATION OF CALCIUM IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 02	D 03	D 04	D 05	NI 1
1	0.20	0.00	0.10	0.00	0.00	-
2	0.20	0.00	0.10	0.10	0.20	-
3	0.10	0.10	0.10	0.00	0.00	-
4	0.00	0.10	0.00	0.00	0.00	-
5	0.10	0.10	0.00	0.00	0.00	-
6	0.30	0.10	0.10	0.10	0.00	-
7	0.20	0.70	0.00	0.00	0.00	-
8	0.10	0.40	0.00	0.00	0.00	-
9	0.00	0.10	0.00	0.00	0.00	0.14
10	0.10	0.00	0.00	0.10	0.00	-
11	0.10	0.10	0.00	0.10	0.00	0.30
12	0.20	0.30	0.10	0.10	0.00	0.13
13	0.00	0.00	0.10	0.00	0.00	0.13
14	0.00	0.00	0.00	0.00	0.00	0.12
15	0.00	0.10	0.10	0.00	0.00	0.77
16	0.20	0.10	0.10	0.20	0.20	0.56
17	0.00	0.00	0.00	0.10	0.20	0.46
18	0.10	0.00	0.00	0.00	0.00	0.47
19	0.20	0.10	0.00	0.00	0.00	0.21
20	0.20	0.20	0.00	0.00	0.00	0.17
21	0.10	0.00	0.20	0.00	0.00	0.10
22	0.10	0.10	0.00	0.00	0.20	0.10
23	0.00	0.00	0.10	0.00	0.00	0.12
24	0.10	0.00	0.00	0.00	0.00	0.44
25	0.20	0.00	0.00	0.00	0.00	0.23
26	0.30	0.00	0.00	0.00	0.00	-
27	0.20	0.00	0.00	0.00	0.00	0.17
28	0.20	0.00	0.00	0.00	0.00	0.09
29	0.00	0.00	0.10	0.00	0.00	0.10
30	0.10	0.00	0.10	0.00	0.00	0.06
31	0.10	0.10	0.00	0.10	0.00	0.05

NO2 IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 03	D 04	D 05
1	2	5	9	8
2	4	5	8	9
3	2	4	8	8
4	20	3	5	5
5	2	3	5	9
6	3	3	6	7
7	12	3	7	7
8	8	2	8	8
9	3	5	11	10
10	4	3	5	7
11	5	3	8	7
12	3	3	9	5
13	6	3	4	5
14	7	6	23	4
15	12	13	20	-
16	13	5	13	15
17	7	4	10	13
18	15	2	11	8
19	11	3	4	8
20	5	3	8	7
21	6	5	7	9
22	4	4	11	15
23	5	4	15	7
24	2	9	17	16
25	2	5	8	16
26	1	5	7	7
27	1	3	5	6
28	2	3	5	6
29	4	7	8	11
30	4	8	15	13
31	4	6	20	15

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 74

CONCENTRATION OF NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	N 01	N 08	N 09	N 10	N 16	N 18
1	-	0.40	0.60	1.20	1.00	-	-	-	-	-	-	-
2	-	-	0.20	0.60	0.40	-	-	-	-	-	-	-
3	0.50	0.20	-	0.40	-	-	-	-	-	-	-	-
4	0.50	0.30	2.10	0.40	0.20	0.20	-	-	-	-	-	-
5	0.20	-	-	-	-	0.40	-	0.35	0.54	0.40	-	-
6	-	-	-	-	-	-	0.62	-	-	-	-	0.28
7	-	-	-	-	-	-	-	0.49	0.50	-	-	-
8	-	-	-	-	-	-	1.30	0.49	0.19	0.93	0.19	1.35
9	-	-	2.50	-	-	-	0.19	0.65	0.02	0.05	0.02	0.32
10	0.20	0.50	-	1.20	0.60	-	0.11	0.03	0.08	0.07	0.30	-
11	-	-	3.40	-	-	-	0.07	0.03	0.07	0.05	0.07	0.11
12	0.40	0.50	-	0.50	0.30	-	0.08	0.02	0.59	0.02	0.15	-
13	-	-	1.40	-	-	-	0.54	0.14	0.24	0.40	-	0.78
14	-	-	-	-	-	0.90	0.35	0.12	0.09	0.05	0.15	0.27
15	-	-	0.50	-	-	1.00	-	0.50	-	-	-	0.34
16	0.60	0.40	-	0.30	0.40	0.60	-	0.07	0.16	-	-	0.18
17	-	-	0.50	-	-	2.80	0.29	0.01	0.11	-	-	-
18	0.30	0.30	0.80	0.60	0.30	0.40	0.17	0.10	0.16	0.12	-	0.37
19	0.70	-	-	0.70	0.30	0.60	0.38	-	0.51	0.19	-	0.09
20	0.80	0.80	-	1.10	-	0.80	-	-	-	0.38	-	0.01
21	0.40	0.70	-	-	-	1.00	-	-	-	-	-	-
22	0.20	0.10	-	1.20	0.30	-	-	-	-	-	-	-
23	-	-	0.90	-	-	1.80	0.69	-	-	0.88	-	-
24	0.20	-	0.40	1.30	2.60	1.20	0.89	0.34	0.62	0.45	0.41	0.60
25	-	0.80	0.40	0.60	0.30	0.90	0.35	-	0.30	0.27	-	0.52
26	0.00	0.00	0.50	0.40	0.30	0.70	-	-	0.42	-	0.45	0.72
27	-	0.10	0.40	0.50	0.30	-	0.45	0.26	0.14	0.19	0.32	-
28	0.00	0.00	1.10	0.50	0.20	0.10	-	-	-	-	-	-
29	0.10	0.90	0.80	0.80	0.70	-	-	-	-	-	-	-
30	0.00	0.10	1.60	0.20	0.20	-	-	-	-	-	-	-

CONCENTRATION OF NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 19	N 20	N 26	N 27	N 28	NL 1	SF 2
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	1.26	0.11
4	-	-	-	-	-	-	0.10
5	0.39	0.36	0.39	0.36	0.17	-	-
6	0.26	0.43	0.26	0.43	0.17	-	0.65
7	-	-	-	-	-	-	-
8	1.05	0.43	1.05	0.43	0.22	-	-
9	0.26	0.16	0.26	0.16	0.22	1.32	-
10	0.12	0.03	0.12	0.03	-	-	0.29
11	0.06	0.03	0.06	0.03	0.22	1.20	0.41
12	-	0.03	-	0.03	0.22	0.96	0.50
13	0.58	0.14	0.58	0.14	0.16	-	-
14	0.18	0.09	0.18	0.09	0.16	-	0.28
15	-	-	-	-	-	0.04	0.45
16	-	-	-	-	-	0.07	0.45
17	-	0.03	-	0.03	0.16	-	0.26
18	0.14	0.15	0.14	0.15	-	-	-
19	0.29	-	0.29	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	0.87	-
23	0.70	-	0.70	-	-	0.21	-
24	0.25	0.26	0.25	0.26	0.49	0.42	-
25	0.16	0.79	0.16	0.79	0.49	0.51	0.55
26	0.19	-	0.19	-	-	-	0.80
27	0.10	0.43	0.10	0.43	-	0.90	0.31
28	0.16	-	0.16	-	-	0.60	-
29	-	-	-	-	0.03	0.42	-
30	-	-	-	-	0.03	0.66	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 74

CONCENTRATION OF AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	CH 1	CH 2	N 01	N 08	N 09	N 10	N 16	N 18	N 19	N 20	N 26	N 27	N 28	NL 1	SF 2
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	1.09	0.63
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44
5	-	-	-	0.30	0.00	-	-	-	0.25	0.39	0.25	0.39	0.09	-	-
6	-	-	0.30	-	-	-	-	0.29	0.16	0.72	0.16	0.72	0.09	-	-
7	-	-	-	0.51	0.56	-	-	-	-	-	-	-	-	-	-
8	-	-	1.55	0.58	0.00	0.99	0.04	1.29	1.10	0.14	1.10	0.14	0.05	-	-
9	-	-	0.15	0.58	0.01	0.09	0.30	0.33	0.18	0.04	0.18	0.04	0.05	3.04	-
10	-	-	0.12	0.02	0.01	0.28	0.26	-	0.09	0.05	0.09	0.05	-	-	0.45
11	-	-	0.10	0.04	0.07	0.11	0.22	0.13	0.05	0.06	0.05	0.06	0.05	2.03	0.44
12	-	-	0.08	0.02	0.07	0.02	0.09	-	-	0.02	-	0.02	0.05	1.67	0.88
13	-	-	0.80	0.08	0.14	0.33	-	0.61	0.40	0.04	0.40	0.04	0.03	-	-
14	-	-	0.46	0.05	0.09	0.47	0.09	0.21	0.18	0.02	0.18	0.02	0.03	-	0.66
15	-	-	-	0.37	-	-	-	0.26	-	-	-	-	-	0.62	1.30
16	-	-	-	0.04	0.18	-	-	0.02	-	-	-	-	-	2.11	0.46
17	-	-	0.17	0.02	0.02	-	-	-	-	0.02	-	0.02	0.03	-	0.37
18	-	-	0.13	0.09	0.26	0.08	-	0.31	0.08	0.19	0.08	0.19	-	-	-
19	-	-	0.20	-	0.44	0.05	-	0.02	0.16	-	0.16	-	-	-	-
20	-	-	-	-	-	0.02	-	0.02	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	0.61	-
23	-	-	0.24	-	-	0.76	-	-	0.58	-	0.58	-	-	1.90	-
24	-	-	0.92	0.10	0.31	0.39	0.55	0.40	0.31	0.12	0.31	0.12	0.09	2.72	-
25	-	-	0.41	-	0.53	0.18	-	0.16	0.31	-	0.31	-	0.09	1.87	-
26	0.18	-	-	-	0.65	-	0.05	0.39	0.31	-	0.31	-	-	-	-
27	-	0.33	0.24	0.16	0.35	0.20	0.02	-	0.23	0.02	0.23	0.02	-	0.61	0.43
28	0.09	0.00	-	-	-	-	-	-	0.42	-	0.42	-	-	0.80	-
29	0.15	0.03	-	-	-	-	-	-	-	-	-	-	0.04	1.73	-
30	0.09	0.03	-	-	-	-	-	-	-	-	-	-	0.04	1.44	-

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CONCENTRATION OF CHLORINE IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05
1	-	2.5	2.5	2.9	1.8
2	-	-	2.7	3.1	1.7
3	-	-	2.9	2.7	-
4	-	-	2.7	2.3	-
5	-	-	-	-	-
6	81.6	-	-	-	-
7	-	-	-	-	-
8	48.6	5.4	-	-	-
9	24.3	2.9	-	3.1	-
10	99.0	-	2.4	2.9	2.2
11	115.8	-	-	1.6	-
12	-	-	2.4	3.7	-
13	-	-	-	-	-
14	35.4	-	-	-	-
15	13.1	-	-	1.7	-
16	8.5	-	2.7	1.3	0.9
17	-	-	-	-	-
18	59.4	2.5	3.0	1.1	1.0
19	109.0	-	3.4	-	1.1
20	95.0	-	-	6.2	-
21	-	-	-	2.5	-
22	-	1.5	2.7	1.2	2.3
23	9.3	-	2.9	1.9	1.9
24	14.6	2.3	2.1	1.5	-
25	71.1	2.7	4.5	5.9	2.7
26	55.5	-	2.1	3.3	1.1
27	51.3	2.5	2.9	2.3	1.7
28	74.4	7.6	4.5	2.5	3.7
29	61.2	4.3	2.9	7.1	3.8
30	-	-	2.3	1.3	3.8

CONCENTRATION OF CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	N 01	N 10	N 19	N 26	N 28	NL 1	SF 2
1	-	0.10	0.10	0.40	0.40	-	-	-	-	-	-	-
2	-	-	0.20	1.20	0.20	-	-	-	-	-	1.30	-
3	-	-	0.10	0.20	-	-	-	-	-	-	0.20	2.50
4	-	-	0.20	0.30	-	-	-	-	-	-	-	2.10
5	-	-	-	-	-	0.25	0.14	0.14	0.09	-	-	-
6	2.40	-	-	-	-	0.20	-	0.14	0.14	0.09	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	1.90	3.80	-	-	-	0.21	0.14	0.12	0.12	0.04	0.50	-
9	0.80	0.30	-	0.40	-	0.09	0.07	0.08	0.08	0.04	1.30	-
10	2.30	-	0.10	0.20	1.60	0.10	0.21	0.11	0.11	-	-	0.13
11	3.10	-	-	0.50	-	0.26	0.24	0.18	0.18	0.04	0.50	0.13
12	-	-	0.30	0.90	-	0.13	0.19	-	-	0.04	0.70	-
13	-	-	-	-	-	0.18	0.12	0.09	0.09	0.03	-	-
14	1.10	-	-	-	-	0.17	0.22	0.08	0.08	0.03	1.30	1.00
15	0.40	-	-	1.70	-	-	-	-	-	-	0.30	0.06
16	0.30	-	0.70	0.50	0.70	-	-	-	-	-	0.30	1.00
17	-	-	-	-	-	0.18	-	-	-	0.03	-	0.13
18	1.80	1.20	0.20	0.30	2.60	0.04	0.12	0.07	0.07	-	4.30	-
19	2.30	-	0.40	-	0.50	0.06	0.12	0.05	0.05	-	-	-
20	2.30	-	-	0.90	-	-	-	-	-	-	3.10	-
21	-	-	-	0.80	-	-	-	-	-	-	1.40	-
22	-	1.70	0.40	0.20	0.10	-	-	-	-	-	0.20	-
23	0.80	-	0.40	0.30	0.20	0.20	-	0.11	0.11	-	0.90	-
24	0.50	1.00	0.20	0.20	-	0.21	0.16	0.08	0.08	0.08	0.70	-
25	1.60	0.40	0.30	0.30	0.40	0.11	0.08	0.08	0.08	0.08	0.70	-
26	1.40	-	0.10	0.70	0.10	-	-	0.15	0.15	-	-	-
27	1.30	0.80	0.10	0.30	0.30	0.09	0.36	0.05	0.05	-	1.40	0.60
28	1.90	0.40	0.20	0.30	0.10	-	-	0.11	0.11	-	0.40	-
29	1.20	1.40	0.10	0.90	0.20	-	-	-	-	0.07	0.30	-
30	-	-	0.10	0.10	0.10	-	-	-	-	0.07	0.40	-

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CONCENTRATION OF POTASSIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	NL 1
1	-	0.0	0.0	0.0	0.1	-
2	-	-	0.1	1.2	0.0	0.7
3	-	-	0.0	0.3	-	0.0
4	-	-	0.0	0.1	-	-
5	-	-	-	-	-	-
6	1.6	-	-	-	-	-
7	-	-	-	-	-	-
8	1.2	0.9	-	-	-	0.3
9	0.4	0.0	-	0.4	-	0.5
10	1.2	-	0.0	0.2	0.3	-
11	1.8	-	-	0.0	-	0.6
12	-	-	0.1	0.1	-	0.3
13	-	-	-	-	-	-
14	0.4	-	-	-	-	0.7
15	0.1	-	-	0.1	-	0.3
16	0.1	-	0.0	0.0	5.9	0.2
17	-	-	-	-	-	-
18	0.9	0.6	0.0	0.0	3.0	20.0
19	1.3	-	0.1	-	1.4	-
20	1.4	-	-	0.5	-	71.5
21	-	-	-	0.0	-	2.0
22	-	0.1	0.1	0.0	0.1	0.2
23	0.4	-	0.5	0.2	0.3	0.2
24	0.2	0.4	0.0	0.0	-	0.1
25	1.0	0.1	0.1	0.1	0.8	0.5
26	0.5	-	0.0	0.1	0.0	-
27	0.5	0.0	0.0	0.1	0.8	0.9
28	1.1	0.1	0.0	0.0	0.0	0.2
29	0.9	0.3	0.0	0.3	0.0	0.3
30	-	-	0.0	0.0	0.0	0.1

CONCENTRATION OF IRON IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	NL 1	SF 2
1	-	-
2	0.10	-
3	0.00	-
4	-	0.50
5	-	-
6	-	-
7	-	-
8	0.00	-
9	0.00	-
10	-	0.62
11	0.00	-
12	0.00	-
13	-	-
14	0.00	-
15	0.00	0.25
16	0.00	0.16
17	-	0.19
18	0.50	-
19	-	-
20	0.40	-
21	0.00	-
22	0.00	-
23	0.00	-
24	0.00	-
25	0.00	-
26	-	-
27	0.00	-
28	0.00	-
29	0.00	-
30	-	-

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CONCENTRATION OF CALCIUM IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 02	D 03	D 04	D 05	ML 1
1	0.00	0.00	0.10	0.10	0.00	0.37
2	0.10	0.10	0.00	0.00	0.00	0.25
3	0.10	0.10	0.00	0.10	0.00	0.88
4	0.10	0.00	0.00	0.00	0.20	0.17
5	0.00	0.00	0.00	0.10	0.00	0.24
6	0.30	0.10	0.00	0.20	0.00	1.78
7	0.20	0.50	0.00	0.20	0.00	1.56
8	0.60	1.10	0.00	-	0.00	1.06
9	0.10	0.00	0.00	-	0.00	0.18
10	0.40	0.00	0.00	-	0.00	0.22
11	0.30	0.10	0.00	-	0.00	0.21
12	0.30	0.00	0.00	0.00	0.00	0.31
13	0.10	0.30	0.10	0.10	0.00	0.51
14	0.10	0.40	0.10	0.30	0.20	0.31
15	0.40	0.60	0.10	0.30	0.00	0.19
16	0.10	0.20	0.00	0.10	0.00	0.20
17	0.20	0.10	0.00	0.30	0.00	0.46
18	0.40	0.70	0.10	0.10	0.00	0.48
19	0.10	0.10	0.00	0.10	0.00	0.31
20	0.20	0.10	0.00	0.10	0.00	1.01
21	0.00	0.50	0.10	-	0.00	0.70
22	0.30	0.60	0.00	0.00	0.00	0.21
23	0.10	0.10	0.00	0.00	0.00	0.24
24	0.10	0.40	0.00	0.10	0.00	3.54
25	0.00	0.30	0.00	0.00	0.00	2.09
26	0.40	0.10	0.10	0.00	0.00	2.80
27	0.20	0.10	0.10	-	0.00	3.61
28	0.30	0.10	0.00	0.10	0.00	1.13
29	0.10	0.10	0.00	0.00	0.00	1.67
30	-	0.10	0.00	0.00	0.00	2.40

NO2 IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 03	D 04	D 05
1	4	7	11	18
2	5	4	8	14
3	8	3	13	18
4	6	3	15	9
5	5	11	17	4
6	10	14	17	11
7	24	8	15	5
8	32	3	19	4
9	17	2	24	4
10	4	3	7	8
11	5	3	8	12
12	4	3	5	10
13	17	3	8	5
14	12	3	9	3
15	12	3	6	3
16	7	3	5	6
17	13	2	5	3
18	23	4	-	3
19	2	4	6	12
20	13	3	13	6
21	20	3	17	4
22	15	3	13	6
23	22	2	9	9
24	18	2	10	2
25	4	2	6	3
26	3	2	6	12
27	5	2	11	15
28	3	3	5	8
29	1	3	8	12
30	7	3	5	11

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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CONCENTRATION OF NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	N 01	N 08	N 09	N 10	N 16	N 18	N 26
1	0.10	-	-	-	0.40	-	0.32	0.09	0.09	0.20	0.20	0.75	0.12
2	0.00	-	-	-	0.00	-	-	0.05	0.07	-	0.20	-	-
3	-	-	1.20	-	-	-	0.93	0.32	-	0.50	0.29	-	-
4	-	-	3.20	-	0.30	-	0.21	0.07	0.10	2.09	-	0.33	-
5	-	-	3.00	1.00	0.50	-	-	0.01	0.03	-	-	-	-
6	0.00	1.10	0.70	-	0.70	-	0.14	0.02	0.02	0.10	0.12	0.03	0.05
7	0.00	-	1.50	0.50	0.10	-	-	0.05	0.10	-	-	-	-
8	0.00	0.60	-	0.00	0.30	-	-	0.08	0.06	-	-	-	-
9	-	-	-	-	-	-	-	0.02	0.03	-	-	-	-
10	-	0.80	0.20	1.90	0.70	-	0.09	0.01	0.01	0.02	0.28	-	-
11	-	0.40	0.70	0.30	0.30	-	-	0.01	0.01	0.01	-	-	-
12	-	0.50	0.50	0.30	0.30	-	-	-	-	-	-	-	-
13	0.00	1.40	-	0.70	0.40	-	0.18	0.01	0.20	0.01	0.15	0.35	-
14	-	-	0.50	-	-	-	-	0.01	0.01	-	-	-	-
15	-	-	0.10	-	0.20	-	-	0.01	0.03	-	-	-	-
16	-	0.10	0.20	0.30	0.10	-	0.13	0.03	0.06	0.01	0.19	0.40	0.11
17	-	0.10	0.30	0.10	0.10	-	-	0.06	0.03	-	0.18	0.12	-
18	0.20	-	0.80	0.40	0.30	-	-	0.26	0.16	-	-	-	-
19	0.10	-	-	-	0.40	-	0.17	0.06	0.12	0.09	0.08	0.17	0.11
20	-	-	-	-	-	-	-	0.06	0.26	-	-	0.18	-
21	-	-	-	-	-	-	0.40	0.22	0.27	0.51	-	-	-
22	-	-	-	-	-	-	0.15	0.08	0.27	0.09	-	0.36	-
23	-	-	0.50	-	-	-	1.22	0.82	0.96	1.78	0.88	-	-
24	0.10	1.00	0.50	1.60	0.30	4.80	1.35	0.27	0.26	0.70	-	1.08	-
25	-	-	-	-	0.60	-	0.28	0.05	0.16	0.49	0.44	0.26	0.60
26	0.10	-	0.10	0.80	0.20	-	-	0.10	0.01	-	-	-	-
27	0.00	0.10	0.00	0.10	0.10	-	0.13	0.06	0.14	0.23	-	0.19	0.19
28	0.00	0.30	0.30	0.10	0.10	-	-	0.01	0.05	0.11	0.08	-	-
29	0.10	-	-	0.20	0.00	1.30	-	0.01	0.02	-	0.07	-	-
30	0.10	-	0.90	0.50	0.60	-	-	0.01	0.03	0.05	-	0.21	-
31	0.00	0.20	-	-	-	-	0.13	0.01	0.03	-	0.07	0.05	-

CONCENTRATION OF NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 27	N 28	NL 1	SF 2
1	0.10	0.03	-	-
2	0.01	0.03	1.26	0.21
3	0.22	0.06	-	-
4	0.03	0.06	-	0.33
5	-	0.06	0.45	-
6	0.01	0.06	-	-
7	-	-	-	-
8	0.07	-	-	0.33
9	0.01	0.09	-	0.32
10	0.01	0.09	0.60	-
11	0.01	0.09	0.21	0.43
12	-	0.09	0.30	0.38
13	0.01	-	-	-
14	0.01	-	0.84	0.40
15	0.05	-	-	0.30
16	0.08	0.09	0.42	-
17	-	0.06	-	0.42
18	-	0.06	0.57	0.26
19	0.02	0.06	-	-
20	0.08	-	-	-
21	0.20	0.06	-	-
22	0.06	0.06	-	0.24
23	0.56	-	-	-
24	0.21	-	0.33	-
25	0.08	0.06	0.39	0.70
26	-	-	0.33	-
27	0.10	0.06	-	-
28	0.01	0.05	-	-
29	0.01	-	0.30	-
30	0.01	0.05	-	-
31	0.01	0.05	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

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CONCENTRATION OF AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	CH 1	CH 2	CH 3	CH 4	CH 5	N 01	N 08	N 09	N 10	N 16	N 18
1	0.37	-	-	-	0.08	0.16	0.11	0.12	0.26	0.05	0.70
2	-	-	-	-	-	-	0.11	0.16	-	0.20	-
3	-	-	-	-	-	0.51	0.16	-	0.35	0.02	-
4	-	-	-	-	2.20	0.04	0.02	0.16	1.29	-	0.11
5	-	-	-	2.90	0.00	-	0.02	0.05	-	-	-
6	0.07	1.30	-	-	0.80	0.07	0.04	0.02	0.10	0.18	0.02
7	0.23	-	-	1.50	0.00	-	0.18	0.33	-	-	-
8	0.00	-	-	-	0.20	-	0.12	0.02	-	-	-
9	-	-	-	-	-	-	0.02	0.02	-	-	-
10	-	-	1.10	4.80	2.20	0.05	0.02	0.02	0.04	0.61	-
11	-	1.40	0.00	0.97	0.06	-	0.04	0.02	0.02	-	-
12	-	0.58	0.30	2.00	0.04	-	-	-	-	-	-
13	0.00	1.10	-	0.63	0.18	0.11	0.02	0.19	0.02	0.16	0.26
14	-	-	5.90	-	-	-	0.02	0.02	-	-	-
15	-	-	0.15	-	0.30	-	0.08	0.02	-	-	-
16	-	-	-	-	-	0.11	0.04	0.10	0.02	0.11	0.21
17	-	-	-	-	-	-	0.25	0.02	-	0.02	0.04
18	-	-	-	-	-	-	0.25	0.12	-	-	-
19	-	-	-	-	-	0.11	0.04	0.13	0.10	0.05	0.07
20	-	-	-	-	-	-	0.04	0.27	-	-	0.11
21	-	-	-	-	-	0.33	0.11	0.02	0.61	-	-
22	-	-	-	-	-	0.18	0.08	0.37	0.24	-	0.39
23	-	-	-	-	-	1.15	0.16	0.35	2.51	1.54	-
24	-	-	-	-	-	1.35	0.18	0.22	1.11	-	1.04
25	-	-	-	-	-	0.21	0.02	0.02	0.58	0.51	0.04
26	-	-	-	-	-	-	0.12	0.02	-	-	-
27	-	-	-	-	-	0.08	0.02	0.02	0.08	-	0.26
28	-	-	-	-	-	-	0.07	0.02	0.02	0.04	-
29	-	-	-	-	-	-	0.11	0.02	-	0.33	-
30	-	-	-	-	-	-	0.02	0.02	0.12	-	0.58
31	-	-	-	-	-	0.11	0.02	0.02	-	0.02	0.16

CONCENTRATION OF AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 26	N 27	N 28	NL 1	SF 2
1	0.12	0.02	0.04	-	-
2	-	0.02	0.04	1.88	0.14
3	-	0.07	0.06	-	-
4	-	0.05	0.06	-	0.28
5	-	-	0.06	0.93	-
6	0.03	0.02	0.06	-	-
7	-	-	-	-	-
8	-	0.06	-	-	0.45
9	-	0.02	0.02	-	0.66
10	-	0.14	0.02	1.35	-
11	-	0.02	0.02	0.50	0.89
12	-	-	0.02	0.54	0.56
13	-	0.30	-	-	-
14	-	0.07	-	1.62	0.46
15	-	3.92	-	-	0.75
16	0.01	0.12	0.02	0.54	-
17	-	-	0.04	-	0.53
18	-	-	0.04	1.12	0.39
19	0.07	0.02	0.04	-	-
20	-	0.19	-	-	-
21	-	0.23	0.04	-	-
22	-	0.02	0.04	-	0.59
23	-	0.37	-	-	-
24	-	0.32	-	1.99	-
25	0.56	0.02	0.04	0.39	3.60
26	-	-	-	0.45	-
27	0.10	0.05	0.04	-	-
28	-	0.02	0.03	-	-
29	-	0.02	-	0.48	-
30	-	0.11	0.03	-	-
31	-	0.05	0.03	-	-

CONCENTRATION OF CHLORINE IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05
1	19.0	5.2	2.9	4.2	1.7
2	-	4.1	-	-	2.2
3	-	6.2	-	-	1.7
4	160.2	3.5	2.1	4.7	1.7
5	22.8	9.9	3.9	11.5	2.0
6	81.5	1.2	1.5	2.9	1.3
7	63.6	1.2	2.1	3.3	0.9
8	-	2.1	4.6	3.3	2.0
9	96.6	8.3	2.1	3.7	1.3
10	124.6	-	-	4.0	1.5
11	20.0	1.9	1.8	1.9	1.6
12	-	2.6	1.7	2.8	2.2
13	120.0	-	1.1	-	1.5
14	24.0	2.2	2.9	2.6	1.3
15	54.3	4.8	1.1	-	1.3
16	52.0	1.5	1.1	1.1	1.5
17	140.8	5.0	1.1	2.8	1.6
18	-	6.5	2.4	10.4	2.0
19	-	8.9	3.9	3.7	2.8
20	-	5.1	-	-	-
21	-	-	-	-	-
22	192.0	-	-	-	-
23	-	-	-	-	-
24	85.0	1.3	1.0	1.9	2.7
25	62.8	1.0	1.2	0.3	1.3
26	103.2	2.9	-	6.3	3.3
27	21.0	2.0	2.3	0.7	1.9
28	77.5	3.7	0.5	0.7	1.0
29	153.0	1.6	1.4	2.0	0.8
30	-	1.3	5.9	4.2	2.4
31	88.5	2.0	-	2.8	1.8

CONCENTRATION OF CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	N 01	N 10	N 26	N 28	NL 1	SF 2
1	0.60	0.70	0.20	0.60	0.60	0.09	0.29	0.05	0.07	-	-
2	-	0.80	-	-	2.10	-	-	-	0.07	0.70	-
3	-	1.00	-	-	2.80	0.24	0.40	0.13	0.10	-	-
4	3.70	0.80	0.90	0.80	0.60	0.51	-	0.15	0.10	1.40	0.13
5	5.90	0.40	0.60	1.30	0.30	-	-	-	0.10	0.60	-
6	2.50	0.20	0.40	0.50	0.20	0.07	0.21	0.06	0.10	1.00	-
7	2.30	0.20	0.20	1.50	1.50	-	-	-	-	0.80	-
8	-	0.60	0.50	0.30	1.50	-	-	-	-	0.80	-
9	2.60	6.50	0.30	0.60	0.30	-	-	-	0.04	-	0.75
10	3.50	-	-	0.90	0.40	0.22	0.27	0.18	0.04	0.40	-
11	0.70	0.50	0.20	0.20	0.20	0.25	-	-	0.04	0.40	-
12	-	0.30	0.10	0.80	0.40	-	-	-	0.04	0.10	0.38
13	4.20	-	0.30	-	0.30	0.20	-	-	-	-	-
14	0.90	0.50	0.40	0.50	0.30	-	-	-	-	0.40	0.13
15	1.40	0.60	0.20	-	0.20	-	-	-	-	-	0.13
16	1.40	0.40	0.10	0.20	0.30	0.11	0.34	0.06	0.04	0.30	-
17	3.80	0.40	0.10	0.30	0.30	-	-	-	0.04	4.80	0.13
18	-	0.30	0.20	1.50	0.40	-	-	-	0.04	1.50	0.13
19	-	0.40	0.30	0.60	0.50	0.17	0.39	0.05	0.04	0.70	-
20	-	1.70	-	-	-	-	-	0.21	-	-	-
21	-	-	-	-	-	0.20	-	-	0.04	-	-
22	9.50	-	-	-	-	0.09	0.22	0.10	0.04	2.00	0.13
23	-	-	-	-	-	0.19	-	0.21	-	-	-
24	2.40	1.00	0.20	0.70	0.90	0.34	0.30	-	-	0.80	-
25	1.70	0.10	0.20	0.50	0.40	0.12	0.23	0.09	0.04	0.00	0.13
26	1.50	0.30	-	1.00	0.70	-	-	-	-	0.30	-
27	0.80	0.50	0.20	0.70	0.40	0.16	0.14	0.03	0.04	0.80	-
28	2.10	0.40	0.10	0.30	0.20	-	-	0.11	0.03	-	-
29	4.30	0.20	0.20	0.80	0.40	-	-	-	-	0.40	-
30	-	0.80	1.00	0.30	0.40	1.38	0.14	0.06	0.03	0.80	-
31	3.40	0.30	-	0.90	0.50	1.01	-	0.15	0.03	0.60	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER

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CONCENTRATION OF POTASSIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	D 01	D 02	D 03	D 04	D 05	NL 1
1	0.5	0.3	0.0	0.1	0.7	-
2	-	0.2	-	-	0.7	0.1
3	-	1.0	-	-	0.4	-
4	2.3	0.1	0.1	0.1	0.4	0.4
5	4.3	0.1	0.3	0.3	0.2	0.4
6	1.6	0.0	0.1	0.1	0.1	0.5
7	1.5	0.0	0.0	0.5	0.3	0.4
8	-	0.2	1.2	0.1	1.3	0.6
9	2.0	1.6	0.0	0.1	0.2	-
10	2.0	-	-	0.1	1.0	0.4
11	0.4	0.2	0.4	0.1	0.2	0.4
12	-	0.3	0.2	0.2	0.3	0.1
13	2.2	-	0.1	-	0.2	-
14	0.6	0.6	0.7	0.5	0.2	0.3
15	0.9	0.4	0.1	-	0.3	-
16	0.9	0.2	0.0	0.2	0.4	0.1
17	3.4	0.2	0.1	0.1	0.3	4.0
18	-	0.2	0.2	0.6	0.2	1.2
19	-	0.4	1.6	0.2	0.3	0.6
20	-	1.0	-	-	-	-
21	-	-	-	-	-	-
22	4.9	-	-	-	-	1.4
23	-	-	-	-	-	-
24	1.5	0.2	0.1	0.3	1.1	0.5
25	1.1	0.1	0.2	0.1	0.5	0.0
26	1.6	0.2	-	0.3	0.4	0.3
27	0.5	0.4	0.1	0.1	0.4	0.5
28	1.6	0.2	0.1	0.2	0.1	-
29	3.3	0.1	0.2	0.2	0.2	0.3
30	-	0.9	1.1	0.5	0.5	0.4
31	2.0	0.3	-	0.8	0.3	0.5

CONCENTRATION OF IRON IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	SF 2
1	-
2	-
3	-
4	0.64
5	-
6	-
7	-
8	-
9	0.48
10	-
11	-
12	0.07
13	-
14	0.07
15	-
16	-
17	-
18	0.07
19	-
20	-
21	-
22	0.15
23	-
24	-
25	1.00
26	-
27	-
28	-
29	-
30	-
31	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER

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CONCENTRATION OF CALCIUM IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 02	D 03	D 04	D 05	ML 1
1	0.10	0.10	0.00	0.10	0.00	0.25
2	0.40	-	0.00	0.00	0.00	0.33
3	0.20	0.00	0.00	0.00	0.00	0.88
4	0.10	0.10	0.00	0.00	0.00	0.41
5	0.10	0.00	0.00	0.10	0.00	0.24
6	0.30	0.00	0.00	0.10	0.00	0.22
7	0.10	0.00	0.00	0.00	0.00	0.26
8	0.00	0.00	0.10	0.00	0.00	0.22
9	0.10	0.10	0.00	0.10	0.20	0.29
10	0.40	0.10	0.00	0.10	0.20	0.30
11	0.20	0.00	0.00	0.00	0.00	0.11
12	0.30	0.00	0.10	0.10	0.00	0.11
13	0.00	0.10	0.00	0.00	0.00	0.37
14	0.40	0.10	0.00	0.20	0.00	0.33
15	0.30	0.00	0.00	0.00	0.00	0.16
16	0.30	0.20	0.00	-	0.00	0.28
17	0.30	0.10	0.00	-	0.00	0.26
18	0.40	0.00	0.00	-	0.00	-
19	0.70	0.10	0.00	0.10	0.00	-
20	0.40	0.10	0.00	0.10	0.00	-
21	0.20	0.40	0.00	0.00	0.00	-
22	0.20	0.10	0.00	0.10	0.00	-
23	0.20	0.50	0.10	-	0.00	-
24	0.10	0.50	0.00	0.10	0.00	-
25	0.10	0.00	0.00	0.00	0.00	-
26	0.10	0.00	0.10	0.10	0.20	-
27	0.00	0.00	0.00	0.00	0.00	-
28	0.40	0.00	0.00	0.00	0.00	-
29	0.40	0.00	0.00	0.00	0.00	-
30	0.20	0.00	0.10	0.10	0.20	-
31	0.30	0.00	0.00	0.10	0.00	-

NO2 IN AIR (MICROGRAMS PER M3)

DATE	D 01	D 03	D 04	D 05
1	6	3	7	10
2	5	2	6	19
3	3	2	6	18
4	8	3	8	12
5	1	3	6	8
6	3	4	11	13
7	3	4	8	13
8	4	3	7	16
9	4	4	6	19
10	2	4	7	15
11	4	3	5	11
12	2	5	8	11
13	4	10	11	9
14	10	3	12	8
15	1	3	8	12
16	7	2	5	17
17	2	3	3	8
18	2	3	4	8
19	4	3	5	12
20	5	2	5	15
21	6	2	5	15
22	9	2	5	9
23	12	6	10	4
24	24	2	12	12
25	5	2	4	10
26	3	2	4	5
27	6	3	5	5
28	4	2	5	6
29	2	2	4	4
30	3	7	4	4
31	-	4	17	12