

NILU  
TEKNISK NOTAT NR 13/77  
REFERANSE: 01575  
DATO: NOVEMBER 1977

DØGNOBSERVASJONER AV  
NEDBØRMENGDER, NEDBØRKOMPONENTER,  
SVOVELDIOKSYD OG SULFATPARTIKLER  
I LUFT 1975

TILLEGG TIL NILU TN 13/77

NEDBØR- OG LUFTKVALITETER VED  
NORSKE BAKGRUNNSTASJONER I 1975

AV  
JAN SCHAUG

NORSK INSTITUTT FOR LUFTFORSKNING  
POSTBOKS 130, 2001 LILLESTRØM  
NORGE

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - JANUARY 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 03	FINSLAND	PA	58 19 N	7 35 E	275
3	N 05	GJERSTAD	P	58 53 N	8 57 E	240
4	N 06	LISTA	P	58 06 N	6 34 E	13
5	N 07	MANDAL	P	58 03 N	7 27 E	138
6	N 08	SKREDALEN	P	58 49 N	6 43 E	475
7	N 09	SØYLAND	PA	58 41 N	5 59 E	263
8	N 10	TOVDAL	P	58 48 N	8 14 E	227
9	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
10	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
11	N 16	TÅGMYRA	P	61 25 N	12 04 E	536
12	N 18	LØKEN	P	59 48 N	11 27 E	150
13	N 19	BISLINGEN	P	60 14 N	10 37 E	680
14	N 20	GRIMELID	P	60 08 N	9 36 E	367
15	N 22	VASSER	PA	59 04 N	10 26 E	35
16	N 23	LYNGØR	PA	58 38 N	9 08 E	20
17	N 24	FITJAR	P	59 45 N	5 19 E	20
18	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
19	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
20	N 27	VATNEALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

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	N 27
1	0.0	0.0	0.0	0.0	0.0	1.5	0.3	0.0	7.3	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
2	0.0	1.9	0.0	0.3	1.2	9.2	9.2	0.0	20.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	1.7
3	6.3	9.2	0.0	5.2	7.4	20.7	12.6	7.3	8.6	4.2	0.0	0.0	0.0	0.6	0.0	0.0	7.4	3.3	21.1
4	0.4	1.8	1.0	1.1	4.8	5.6	9.7	0.0	31.2	10.7	0.0	0.0	0.0	0.0	0.0	0.3	10.7	0.0	5.3
5	0.0	11.2	0.0	7.6	8.3	79.6	58.4	0.3	31.2	14.8	3.2	0.0	0.0	0.0	0.0	0.0	13.2	0.0	29.4
6	0.6	3.9	0.5	2.5	1.6	15.4	18.9	0.0	10.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.6	2.5
7	0.0	0.5	0.0	6.7	0.0	3.7	8.4	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0
8	5.3	6.9	5.3	5.3	13.1	16.0	12.4	6.9	15.6	2.5	0.0	0.0	1.5	5.9	1.7	2.2	12.3	6.0	7.2
9	2.5	8.2	0.6	0.0	4.5	43.4	10.2	3.6	25.4	0.4	5.9	5.7	0.0	0.0	0.0	0.0	4.9	3.4	22.0
10	3.0	6.7	1.9	3.9	6.0	10.4	8.1	3.9	7.8	0.2	0.0	0.0	0.0	0.0	0.0	2.7	3.3	2.5	5.1
11	0.0	3.8	5.9	21.6	6.4	9.2	10.0	4.7	1.4	3.2	4.6	1.5	0.0	2.9	2.5	5.4	5.7	5.9	3.1
12	15.6	15.5	4.6	3.2	6.9	47.0	37.4	8.6	12.0	8.7	20.9	13.6	0.0	0.0	2.9	5.9	39.8	6.0	10.5
13	15.3	16.6	3.9	8.0	9.1	26.5	12.7	7.3	20.9	8.0	0.0	0.0	0.0	1.5	1.0	2.5	6.7	3.6	18.3
14	4.3	5.2	2.0	1.0	1.4	19.5	20.2	2.7	30.0	9.0	1.7	0.0	0.0	0.0	0.6	1.0	14.8	2.5	5.3
15	10.0	11.2	3.9	1.4	2.2	54.4	33.7	12.1	13.6	7.1	1.6	4.9	6.7	0.4	1.6	7.0	5.7	9.5	17.0
16	0.0	1.1	0.0	0.0	0.8	0.8	2.4	0.0	2.5	1.0	0.0	0.0	0.0	0.0	0.6	0.0	7.3	0.0	0.0
17	22.4	27.2	9.5	13.7	27.1	12.3	7.2	16.1	0.0	0.3	0.0	2.0	4.6	5.5	10.3	18.2	0.4	6.2	1.8
18	1.0	0.0	1.8	0.9	0.4	1.6	2.4	7.7	0.0	0.0	4.7	6.0	6.5	8.1	0.0	1.7	8.4	4.0	0.0
19	0.0	0.0	0.0	1.9	2.0	15.9	6.4	1.3	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	3.1
20	54.3	65.9	26.7	21.3	29.4	61.8	112.4	30.8	2.6	0.5	2.2	1.0	7.1	12.9	1.1	21.1	35.7	33.1	7.3
21	8.8	13.5	8.7	8.5	9.6	10.9	9.9	6.4	0.6	0.3	4.7	6.7	4.7	4.3	2.9	5.9	2.7	4.6	4.3
22	36.9	46.5	16.9	18.8	29.0	56.4	56.0	24.5	4.6	1.8	9.2	12.1	12.2	11.3	10.9	14.8	25.5	15.8	9.2
23	19.4	22.9	5.0	5.2	7.3	29.2	24.5	15.6	6.2	5.4	17.7	7.4	2.3	0.0	7.7	5.9	6.7	12.4	12.1
24	0.4	0.0	3.0	0.0	0.8	2.9	4.0	0.3	0.0	1.1	0.0	3.2	8.7	3.2	0.0	0.0	1.0	1.5	1.8
25	41.7	34.3	30.6	25.2	32.3	11.7	9.5	24.7	1.7	0.0	0.0	2.0	3.9	8.1	8.3	13.2	8.9	16.7	2.0
26	0.0	0.8	0.0	0.3	0.0	4.6	6.5	1.0	4.0	0.4	8.3	4.5	1.9	1.9	0.3	0.0	4.1	1.0	1.0
27	40.6	38.5	38.0	35.7	41.5	7.3	4.9	23.9	2.0	0.0	0.0	10.8	2.7	6.1	15.6	29.1	2.9	19.5	4.9
28	7.0	8.9	11.8	7.4	10.5	0.9	0.8	7.2	0.0	0.2	11.1	22.9	10.9	26.8	14.0	3.9	0.4	12.0	1.1
29	34.5	17.8	35.2	7.6	15.5	0.5	0.0	18.1	0.0	0.0	4.0	0.0	3.1	18.1	4.6	14.3	0.0	8.9	0.0
30	8.9	10.5	19.6	9.9	13.0	8.6	0.2	10.0	1.1	0.0	2.0	3.0	3.1	6.9	1.3	3.8	3.3	11.3	5.4
31	27.9	27.4	16.5	13.7	20.8	28.5	31.1	17.0	2.7	1.8	8.8	11.0	5.0	12.4	9.5	18.1	13.8	16.7	5.9

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

OFFICIAL PRECIPITATION DATA (MM)

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	N 27
1	-	0.0	0.0	0.0	0.1	1.4	0.3	0.0	7.7	30.0	0.0	-	-	0.0	-	0.0	1.5	-	-
2	-	2.3	0.0	0.0	2.0	8.7	9.3	0.0	21.0	24.9	0.0	-	-	0.0	-	0.0	9.0	-	-
3	-	9.0	0.0	8.4	10.0	19.3	12.5	7.2	8.9	15.0	0.0	-	-	0.6	-	0.0	9.2	-	-
4	-	2.0	1.9	1.9	5.5	5.2	9.7	0.0	32.0	17.9	0.0	-	-	0.0	-	0.3	11.0	-	-
5	-	11.0	0.0	8.8	9.0	78.5	58.5	0.3	32.0	17.0	3.6	-	-	0.0	-	0.0	15.0	-	-
6	-	3.6	0.3	3.7	1.8	14.4	19.0	0.0	11.2	0.2	0.0	-	-	0.0	-	0.0	6.5	-	-
7	-	0.5	0.0	7.4	0.0	3.0	8.5	0.0	5.5	0.0	0.0	-	-	0.0	-	0.0	6.5	-	-
8	-	7.0	5.2	5.3	13.5	14.9	12.4	6.6	16.0	3.0	0.0	-	-	6.5	-	2.2	14.0	-	-
9	-	7.6	0.3	0.6	6.0	41.0	10.2	3.5	25.2	0.5	6.9	-	-	0.0	-	0.0	6.0	-	-
10	-	6.7	1.9	4.2	5.9	10.0	8.1	4.0	8.1	0.2	0.0	-	-	0.0	-	2.8	2.5	-	-
11	-	4.0	5.4	18.7	4.5	8.5	10.0	4.5	1.5	3.1	4.9	-	-	2.8	-	5.0	6.8	-	-
12	-	14.8	4.6	4.4	10.0	46.9	37.5	8.3	12.2	9.6	22.6	-	-	0.0	-	7.0	42.0	-	-
13	-	15.5	4.2	8.8	9.4	24.3	12.7	7.1	21.5	8.9	0.0	-	-	1.0	-	2.9	7.5	-	-
14	-	5.0	1.9	1.0	2.0	18.7	20.2	3.2	30.5	10.4	1.9	-	-	0.0	-	1.2	16.5	-	-
15	-	11.0	3.5	2.0	2.7	52.1	33.8	11.2	13.6	10.9	1.5	-	-	0.4	-	7.8	6.6	-	-
16	-	1.0	0.0	0.0	1.0	0.7	2.4	0.0	2.6	4.3	0.0	-	-	0.0	-	0.0	8.0	-	-
17	-	29.5	8.2	12.0	27.0	12.3	7.2	15.6	0.0	0.4	0.0	-	-	4.4	-	9.8	1.0	-	-
18	-	0.0	1.6	0.7	0.5	1.5	-	7.0	0.1	0.0	5.4	-	-	7.0	-	2.8	8.6	-	-
19	-	0.0	0.0	2.1	2.3	12.7	6.4	1.4	1.1	0.8	0.0	-	-	0.0	-	0.0	7.5	-	-
20	-	66.5	26.4	20.6	35.5	62.5	112.5	31.8	2.5	0.6	2.1	-	-	12.2	-	21.6	41.0	-	-
21	-	12.7	7.7	10.1	10.5	11.5	9.9	6.0	0.5	0.4	5.4	-	-	3.6	-	7.7	3.0	-	-
22	-	45.0	16.5	20.4	31.4	53.7	56.1	24.0	5.1	2.6	13.6	-	-	14.2	-	16.3	29.0	-	-
23	-	22.5	5.8	5.7	7.8	26.0	24.5	14.0	7.0	11.8	1.8	-	-	0.0	-	6.7	8.0	-	-
24	-	0.0	2.5	0.7	1.0	2.9	4.0	0.5	0.0	1.6	0.0	-	-	2.5	-	0.0	1.5	-	-
25	-	40.0	30.2	22.5	34.5	11.5	9.8	25.0	1.8	0.0	0.0	-	-	6.8	-	14.7	9.5	-	-
26	-	0.7	0.0	0.5	0.0	4.8	12.9	1.0	5.3	0.6	9.1	-	-	1.4	-	0.0	5.5	-	-
27	-	37.0	44.7	28.7	43.6	8.1	8.2	24.8	2.3	0.0	0.0	-	-	5.5	-	33.0	4.2	-	-
28	-	8.5	11.2	6.5	10.5	1.0	1.1	7.2	0.0	0.5	11.6	-	-	23.2	-	4.6	0.9	-	-
29	-	20.0	38.2	6.9	15.6	0.5	0.0	17.5	0.0	0.0	4.4	-	-	16.5	-	12.6	0.0	-	-
30	-	14.5	19.0	10.1	13.4	8.9	3.3	9.6	1.6	0.1	2.3	-	-	6.2	-	4.8	4.5	-	-
31	-	26.5	16.1	13.6	22.5	26.9	31.8	17.0	2.6	3.5	9.6	-	-	11.7	-	18.6	14.5	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA JANUARY 75

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	N 26	N 27
1	-	-	-	-	-	0.80	0.79	-	0.05	0.27	-	-	-	-	-	-	1.93	-	-	-
2	-	0.27	-	6.68	1.84	0.80	0.79	-	0.04	0.16	-	-	-	-	-	-	0.83	0.10	-	0.07
3	0.50	0.70	-	7.05	1.68	0.80	0.79	0.15	0.61	0.90	-	-	-	0.18	-	-	2.32	-	0.16	0.18
4	-	0.78	0.27	18.72	0.37	0.40	0.79	-	0.51	0.45	-	-	-	-	-	25.20	0.85	0.32	-	0.69
5	-	0.03	-	3.80	1.39	0.40	0.35	0.48	0.16	0.05	0.03	-	-	-	-	-	0.70	0.19	-	0.02
6	0.17	0.45	0.10	7.10	1.59	0.40	0.85	-	0.11	0.05	-	-	-	-	-	-	1.00	0.17	-	0.07
7	-	0.06	-	1.92	-	0.04	0.48	-	0.17	-	-	-	-	-	-	-	0.37	0.12	-	-
8	0.19	0.14	0.11	1.52	0.40	0.11	0.42	0.10	0.76	0.09	-	-	0.29	0.01	1.46	30.00	0.27	-	0.06	0.04
9	0.43	0.76	0.18	-	1.48	0.81	2.05	0.26	0.78	0.09	0.01	0.03	-	-	-	-	5.40	1.27	0.09	0.29
10	0.07	0.05	0.04	4.75	0.11	0.31	0.82	0.05	0.37	0.15	-	-	-	-	-	2.33	0.64	-	0.03	0.04
11	-	0.06	0.04	0.17	0.04	0.05	0.10	0.06	0.43	0.05	0.02	0.03	-	0.04	0.40	3.65	0.25	1.00	0.01	0.02
12	0.37	0.39	0.19	7.69	1.40	0.18	0.38	0.13	0.39	0.02	0.02	0.14	-	-	1.65	4.65	0.27	0.07	0.07	0.12
13	0.28	0.45	0.10	4.09	1.25	0.56	0.80	0.23	0.32	0.45	-	-	-	0.04	4.00	9.90	0.67	0.18	0.11	0.12
14	0.40	0.48	0.58	16.99	1.73	0.19	0.46	0.53	0.18	0.10	0.12	-	-	-	3.70	10.31	0.39	-	0.42	0.12
15	0.43	0.45	0.28	11.59	1.34	0.03	0.29	0.18	0.18	0.30	0.13	0.74	0.07	-	2.62	5.35	1.21	0.05	0.21	0.12
16	-	0.31	-	-	0.94	0.50	0.88	-	0.26	0.85	-	-	-	-	2.54	-	0.45	-	-	-
17	0.04	0.02	0.08	0.34	0.07	0.02	0.12	0.05	-	0.17	-	0.25	0.34	0.02	0.18	1.86	-	0.06	0.03	0.02
18	0.03	-	0.05	0.28	0.13	0.08	0.19	0.02	-	-	0.05	0.07	0.13	0.01	-	1.87	0.16	0.03	0.06	-
19	-	-	-	1.11	0.84	0.02	0.21	0.23	0.12	0.09	-	-	-	-	-	-	0.14	0.24	-	0.02
20	0.33	0.10	0.12	2.18	0.88	0.01	0.09	0.02	0.08	0.11	0.07	0.91	0.20	0.02	3.18	11.30	0.08	0.07	0.02	0.01
21	0.29	0.09	0.14	0.97	0.31	0.09	0.35	0.07	0.24	0.30	0.02	0.14	0.88	0.03	1.22	4.20	0.23	-	0.04	0.01
22	0.21	0.17	0.08	1.64	0.65	0.14	0.41	0.07	0.22	0.03	0.01	0.13	0.37	0.01	2.55	30.00	0.37	0.04	0.04	0.22
23	0.84	1.10	0.64	3.20	3.32	0.90	2.01	0.53	0.28	0.06	0.17	0.37	0.43	-	2.65	9.75	1.88	0.21	0.55	0.08
24	-	-	0.07	-	1.23	0.30	0.83	0.50	-	0.07	-	0.53	0.08	0.31	-	-	1.44	0.35	0.05	0.02
25	0.13	0.06	0.13	0.74	0.33	0.09	0.14	0.04	0.10	-	-	0.09	0.09	0.11	0.39	32.60	0.15	0.33	0.05	0.04
26	-	1.73	-	3.35	-	0.57	0.74	1.18	0.10	0.04	0.03	0.03	0.17	0.01	0.14	-	0.68	0.28	0.89	0.11
27	0.07	0.03	0.08	0.25	0.19	0.04	0.17	0.02	0.11	-	-	0.01	0.08	0.09	0.20	2.80	0.28	0.07	0.04	0.06
28	0.13	0.07	0.10	0.50	0.25	0.06	1.11	0.09	-	0.10	0.01	0.01	0.06	0.01	0.38	1.85	0.85	0.09	0.04	0.04
29	0.06	0.03	0.04	0.13	0.17	0.21	-	0.04	-	-	0.05	-	0.07	0.01	0.20	2.40	-	-	0.01	-
30	0.13	0.13	0.32	0.57	0.29	0.07	0.34	0.08	0.48	-	0.06	0.04	0.07	0.02	0.74	6.45	0.71	0.10	0.08	0.04
31	0.09	0.05	0.11	0.23	0.14	0.02	0.07	0.07	0.11	0.08	0.02	0.02	0.09	0.03	0.30	1.50	0.14	0.10	0.05	0.06

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA JANUARY 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

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	N 26	N 27
1	-	-	-	-	-	0.3	0.6	-	0.2	0.3	-	-	-	-	-	-	2.7	-	-	-
2	-	6.5	-	8.6	8.6	0.3	0.6	-	0.2	0.4	-	-	-	-	-	-	1.9	0.4	-	0.5
3	0.6	0.5	-	1.2	1.1	0.3	0.6	0.3	0.4	0.5	-	-	-	0.2	-	-	2.1	-	0.3	0.2
4	-	0.6	0.6	1.9	0.4	0.5	0.6	-	1.9	0.6	-	-	-	-	-	8.7	0.6	0.7	-	0.5
5	-	0.1	-	0.0	1.0	0.5	0.0	3.2	0.3	0.2	0.5	-	-	-	-	-	0.6	0.4	-	1.8
6	0.2	0.1	0.7	0.8	1.3	0.5	0.5	-	0.1	0.2	-	-	-	-	-	-	0.6	0.4	-	0.3
7	-	0.2	-	0.3	-	0.2	0.5	-	0.2	-	-	-	-	-	-	-	0.6	1.7	-	-
8	0.7	0.5	1.0	2.2	1.3	0.8	1.8	0.7	0.4	0.4	-	-	3.9	0.3	2.4	0.0	0.9	-	0.5	0.5
9	0.5	0.8	0.8	-	1.9	0.7	1.0	1.1	0.5	0.6	0.4	1.6	-	-	-	-	1.6	2.6	0.3	0.4
10	0.0	0.5	0.5	0.9	1.3	0.6	0.7	0.2	1.2	2.1	-	-	-	-	-	1.0	0.9	-	0.4	0.5
11	-	3.5	1.1	1.7	2.5	1.2	1.1	1.2	2.1	0.2	0.7	1.0	-	1.3	3.7	1.8	2.3	1.4	0.6	0.7
12	3.6	5.0	5.0	4.4	4.1	1.7	2.5	4.7	2.0	0.1	1.3	2.7	-	-	5.0	4.7	1.7	5.6	3.8	1.5
13	1.1	3.7	1.4	3.2	2.3	1.4	1.9	1.3	1.1	0.1	-	-	-	1.7	5.2	2.8	1.5	3.4	1.7	1.5
14	3.7	1.5	4.6	4.9	4.5	2.6	3.5	4.6	1.3	0.5	4.7	-	-	-	5.3	4.9	2.5	-	5.9	1.5
15	4.7	4.5	4.5	7.6	6.5	1.9	2.5	3.8	1.4	0.7	4.5	8.2	7.1	4.3	7.4	7.4	4.2	4.1	3.5	1.5
16	-	3.9	-	-	3.4	1.8	1.9	-	1.0	1.2	-	-	-	-	8.8	-	0.7	-	-	-
17	1.9	0.9	1.9	1.4	2.3	0.3	1.4	1.7	-	1.0	-	2.8	6.2	0.9	3.8	2.9	-	2.6	0.7	0.4
18	1.3	-	1.5	3.5	8.0	1.5	2.5	0.7	-	-	1.4	2.3	1.4	0.7	-	3.2	1.2	5.6	1.1	-
19	-	-	-	2.8	0.5	0.3	2.0	3.1	1.1	1.0	-	-	-	-	-	-	1.5	4.3	-	0.7
20	3.5	2.0	3.2	3.6	3.6	0.6	1.5	2.5	1.2	0.5	2.1	12.1	5.0	1.3	14.4	2.5	1.2	7.5	2.1	2.8
21	2.7	1.0	3.0	1.1	1.6	0.7	1.2	2.3	5.6	2.2	0.6	6.0	3.9	1.3	5.3	2.8	2.1	-	1.7	0.4
22	1.1	0.7	1.0	1.4	1.3	0.2	0.6	0.9	1.0	1.1	0.3	1.5	2.1	0.3	1.3	0.0	0.6	3.4	0.5	0.3
23	0.6	0.7	1.2	30.5	0.3	0.4	0.9	2.0	0.3	0.2	1.1	1.3	3.6	-	1.8	2.8	2.5	3.0	0.8	0.3
24	-	-	0.5	-	1.8	0.7	1.7	2.6	-	0.5	-	2.0	1.2	1.6	-	-	1.3	1.4	0.5	0.1
25	1.8	1.4	2.0	1.3	2.0	0.6	0.8	1.7	0.7	-	-	1.8	2.8	1.6	2.6	0.0	1.0	2.9	0.8	0.4
26	-	5.1	-	1.0	-	2.3	2.1	5.8	0.4	1.3	1.4	1.7	2.5	1.3	2.0	-	2.5	0.9	4.6	1.4
27	1.2	1.1	1.0	1.6	1.6	0.5	2.5	1.5	3.1	-	-	0.1	1.8	1.5	3.2	2.3	3.3	5.9	0.7	2.0
28	1.4	1.4	1.9	1.2	1.4	0.0	4.0	1.9	-	3.2	0.9	0.6	2.0	1.0	5.4	4.2	3.5	7.3	1.9	2.6
29	3.8	2.8	2.9	1.7	3.1	5.7	-	2.9	-	-	2.1	-	6.6	3.4	6.8	3.7	-	-	1.6	-
30	5.3	4.5	9.5	1.5	2.8	2.6	11.0	4.0	10.5	-	2.3	4.4	5.9	4.6	8.4	4.6	3.5	10.9	4.0	2.2
31	2.8	2.7	3.4	2.2	3.5	1.2	2.3	1.8	1.9	1.3	0.9	2.8	2.4	1.7	4.9	3.9	2.0	4.9	2.1	2.1

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA JANUARY 75

PH IN PRECIPITATION

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	N 26	N 27
1	-	-	-	-	-	4.90	5.05	-	5.45	5.30	-	-	-	-	-	-	4.90	-	-	-
2	-	3.85	-	3.80	3.65	4.90	5.05	-	5.35	5.45	-	-	-	-	-	-	4.40	5.55	-	5.85
3	5.00	5.20	-	5.25	4.90	4.90	5.05	5.00	5.80	5.50	-	-	-	5.55	-	-	5.85	-	5.00	5.40
4	-	5.45	5.70	5.50	5.30	5.65	5.05	-	6.10	5.35	-	-	-	-	-	5.80	5.60	5.20	-	5.60
5	-	5.00	-	5.55	5.55	5.65	5.60	5.35	6.30	5.45	5.30	-	-	-	-	-	5.70	5.10	-	5.75
6	4.55	5.70	5.45	5.90	5.70	5.65	5.35	-	6.25	5.45	-	-	-	-	-	-	5.75	5.95	-	5.90
7	-	6.20	-	5.55	-	5.60	5.50	-	6.45	-	-	-	-	-	-	-	5.45	5.65	-	-
8	4.85	4.90	4.75	4.60	4.60	4.95	4.95	5.25	5.75	5.65	-	-	6.05	4.95	4.55	5.75	5.10	-	4.85	5.00
9	4.80	5.05	5.50	-	4.80	4.95	5.25	6.10	5.75	6.20	5.00	5.55	-	-	-	-	6.15	6.40	5.10	5.50
10	4.60	5.80	5.30	4.80	4.60	5.20	5.50	5.50	6.35	6.25	-	-	-	-	-	5.45	5.90	-	4.95	5.60
11	-	5.10	4.70	4.25	4.45	4.50	4.70	4.65	5.85	5.70	4.80	4.90	-	4.80	5.00	4.85	4.35	5.80	4.65	4.80
12	4.30	4.30	4.20	4.25	4.40	4.75	4.70	4.25	5.00	5.25	5.00	4.40	-	-	4.45	4.30	4.65	4.00	4.15	4.60
13	4.55	4.30	4.70	4.45	4.40	4.50	4.45	4.65	6.60	5.40	-	-	-	4.40	4.85	4.20	4.50	4.25	4.40	4.60
14	4.30	4.55	4.20	4.60	4.50	4.45	4.45	4.30	5.00	4.75	4.40	-	-	-	4.55	4.70	4.40	-	4.15	4.60
15	4.40	4.45	4.50	5.45	4.95	4.55	4.55	4.40	4.30	4.70	4.25	4.00	5.80	-	4.30	4.55	4.25	4.30	4.30	4.60
16	-	4.70	-	-	4.45	4.80	4.90	-	5.95	4.50	-	-	-	-	-	-	4.70	-	-	-
17	4.40	5.35	4.40	4.50	4.45	4.80	4.70	4.40	-	5.85	-	4.35	4.50	4.35	4.15	4.35	-	4.35	4.40	4.70
18	4.60	-	4.60	4.70	5.35	4.55	4.85	4.70	-	-	4.50	4.25	6.15	4.55	-	4.55	4.60	3.95	4.30	-
19	-	-	-	4.40	4.50	5.00	6.30	4.40	6.80	4.90	-	-	-	-	-	-	4.50	4.75	-	5.30
20	4.30	4.40	4.40	4.25	4.20	4.70	4.60	4.40	5.00	4.90	4.60	3.75	4.60	4.45	3.70	4.20	4.70	4.05	4.30	4.65
21	4.25	4.60	4.40	4.50	4.45	4.70	4.75	4.80	6.40	4.15	4.50	4.00	7.05	4.60	4.05	4.30	4.45	-	4.30	4.80
22	4.70	4.70	4.65	4.65	4.70	5.00	4.75	4.80	5.20	4.50	4.75	4.50	6.30	4.75	4.55	5.45	4.90	4.25	4.60	5.05
23	4.80	4.75	5.00	5.60	4.75	4.75	4.95	5.00	5.00	5.15	4.75	4.55	6.35	-	4.55	4.85	4.55	4.50	4.60	5.10
24	-	-	5.85	-	5.60	5.20	5.65	6.35	-	5.05	-	4.50	5.85	4.50	-	-	4.95	5.20	5.05	5.85
25	4.50	4.60	4.45	4.30	4.40	4.60	4.55	4.50	6.40	-	-	4.60	5.50	4.45	4.35	4.75	4.55	5.85	4.45	4.10
26	-	-	-	4.25	-	4.30	4.30	4.05	5.95	-	4.50	4.45	6.35	4.25	4.80	-	4.45	4.80	3.95	4.55
27	4.60	4.65	4.65	4.45	4.45	4.40	4.20	5.75	5.50	-	-	4.95	5.00	4.45	4.35	4.35	4.00	4.00	4.55	4.55
28	4.50	5.10	4.35	4.45	4.45	4.70	6.25	4.40	-	-	4.75	4.60	4.65	4.45	4.00	4.10	5.25	4.80	4.20	4.20
29	4.20	4.50	4.30	4.25	4.25	3.85	-	4.25	-	-	4.45	-	4.20	4.15	3.90	3.95	-	-	4.25	-
30	4.30	4.05	3.95	4.35	4.30	4.10	4.10	3.95	4.80	-	4.45	4.00	4.25	4.15	3.80	4.10	4.00	3.75	4.00	4.25
31	4.20	4.30	4.20	4.25	4.20	4.40	4.30	4.25	5.00	4.55	4.75	4.25	4.80	4.35	4.05	4.10	4.40	4.80	4.20	4.30

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA JANUARY 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS 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	N 26	N 27
1	-	-	-	-	-	9	-2	-	1	0	-	-	-	-	-	-	13	-	-	-
2	-	116	-	160	225	9	-2	-	5	-3	-	-	-	-	-	-	40	0	-	-3
3	8	2	-	7	13	9	-2	-1	-16	0	-	-	-	0	-	-	-8	-	9	1
4	-	12	0	0	10	0	-2	-	-61	1	-	-	-	-	-	-3	2	5	-	-20
5	-	0	-	1	-2	0	3	3	-88	-2	-6	-	-	-	-	-	0	0	-	-17
6	24	-3	1	-20	0	0	5	-	-76	-2	-	-	-	-	-	-	-8	-38	-	-25
7	-	-	-	1	-	-3	4	-	-192	-	-	-	-	-	-	-	2	-22	-	-
8	19	17	17	30	22	15	12	-4	-33	-4	-	-	-70	13	33	-12	8	-	13	7
9	19	14	0	-	21	33	9	-50	-43	-	10	-3	-	-	-	-	-32	-	7	-4
10	27	-8	8	13	30	5	2	-20	-190	-	-	-	-	-	-	-6	-4	-	11	-6
11	-	6	19	56	35	35	23	18	-18	-6	15	13	-	18	4	10	56	-3	22	20
12	53	58	63	56	40	19	21	66	6	3	7	40	-	-	37	52	24	100	75	21
13	25	52	19	35	40	34	39	24	-319	-4	-	-	-	40	14	75	32	56	43	21
14	52	31	63	25	32	35	47	50	9	18	40	-	-	-	28	20	53	-	82	21
15	40	42	24	1	16	32	32	48	50	16	56	100	-32	-	50	34	60	50	55	21
16	-	20	-	-	35	16	18	-	-5	32	-	-	-	-	-	-	25	-	-	-
17	45	6	40	34	35	16	24	46	-	-3	-	45	27	45	79	48	-	45	43	22
18	29	-	40	20	3	28	20	3	-	-	30	56	-48	36	-	34	25	112	49	-
19	-	-	-	40	38	10	-	40	-	13	-	-	-	-	-	-	21	18	-	-8
20	71	48	40	5	63	24	31	40	5	13	24	180	45	35	200	70	24	88	50	36
21	72	23	40	35	35	21	19	15	-	71	35	100	-302	33	112	51	35	-	55	15
22	29	19	25	29	25	10	14	13	-11	38	19	35	-42	19	27	2	8	70	26	8
23	23	17	7	-8	22	15	17	4	1	4	12	25	-68	-	32	23	26	32	23	7
24	-	-	-16	-	0	0	0	-	-	9	-	36	-20	34	-	-	26	5	7	-3
25	44	16	45	50	40	26	30	26	-	-	24	2	35	40	32	28	-3	34	80	
26	-	-	-	56	-	50	39	89	-90	-	36	35	-	56	16	-	30	16	114	28
27	37	19	26	35	35	40	65	-25	-12	-	-	10	6	35	50	49	84	100	22	28
28	42	5	45	35	35	20	-	28	-	-	20	25	25	35	99	94	4	26	65	63
29	96	25	50	56	56	140	-	61	-	-	35	-	63	71	136	113	-	-	56	-
30	103	86	112	45	50	80	80	94	16	-	35	100	56	71	160	109	95	150	104	56
31	65	47	63	56	63	40	46	47	6	26	23	56	5	45	92	85	38	28	63	50

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	1	1	2	18	4	6	2
2	6	1	3	7	3	4	3
3	2	2	3	5	2	3	2
4	32	6	1	2	5	2	2
5	9	17	14	1	5	2	2
6	13	13	18	5	1	2	3
7	6	3	9	30	3	8	3
8	4	1	16	25	3	5	3
9	13	2	7	12	1	5	3
10	2	1	2	33	19	3	4
11	7	22	3	43	15	3	4
12	3	5	2	45	7	2	18
13	4	4	2	33	18	19	5
14	8	7	3	103	8	2	11
15	8	7	1	12	8	1	5
16	2	1	1	5	3	1	3
17	3	3	1	9	4	3	3
18	5	1	32	9	3	1	16
19	1	1	7	15	5	2	3
20	11	2	7	28	13	4	4
21	2	1	6	10	10	3	3
22	1	1	3	5	9	2	1
23	4	2	3	4	5	2	1
24	3	2	3	6	3	1	1
25	5	4	9	6	6	1	1
26	3	2	5	8	4	1	1
27	7	2	6	9	13	3	7
28	2	1	4	13	7	1	7
29	6	2	8	18	7	1	9
30	6	5	11	12	8	1	10
31	4	3	6	15	10	2	9

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	0.5	0.5	0.5	3.3	0.9	0.0	0.2
2	3.6	2.9	1.2	4.8	3.6	0.0	0.6
3	0.6	0.5	1.0	1.0	1.2	0.0	0.1
4	0.9	0.6	1.1	1.0	0.8	0.0	0.4
5	0.9	0.0	0.3	0.8	0.4	0.0	0.0
6	0.3	0.4	0.8	1.0	0.6	0.0	0.2
7	0.2	0.0	0.1	1.3	0.6	0.0	0.0
8	0.6	0.5	0.2	1.4	1.6	0.3	0.5
9	1.2	1.1	1.7	2.1	0.5	0.2	0.3
10	0.4	0.3	0.7	1.1	0.8	0.0	0.1
11	1.8	1.2	1.4	2.3	2.9	0.0	0.9
12	3.4	3.0	3.3	7.9	6.8	0.3	1.7
13	2.3	2.3	2.8	3.3	4.4	0.1	1.3
14	6.1	4.5	3.6	6.9	7.9	0.1	4.3
15	4.4	3.3	3.2	5.9	7.5	0.2	2.9
16	0.8	1.1	1.4	1.9	4.2	0.1	1.0
17	1.7	0.6	0.2	3.5	2.0	0.1	0.5
18	0.5	1.0	0.5	1.6	0.8	0.4	0.6
19	0.8	1.1	0.5	1.1	1.3	0.5	-
20	5.8	2.5	1.2	5.4	7.9	0.7	1.7
21	1.8	0.8	1.3	4.8	3.9	1.4	1.6
22	0.7	0.6	0.4	2.5	3.0	0.5	0.3
23	1.2	0.5	1.0	2.0	3.4	0.3	0.8
24	0.0	1.0	1.2	2.3	2.3	0.3	0.4
25	1.8	0.8	0.1	1.3	4.2	0.3	0.7
26	0.4	1.0	1.1	3.7	1.4	0.4	0.5
27	2.0	1.3	1.6	3.2	4.7	0.4	0.9
28	1.3	0.6	0.3	6.7	3.3	0.7	0.9
29	3.1	1.8	0.1	7.7	8.6	1.0	1.1
30	4.8	1.8	1.8	9.4	6.8	0.9	2.6
31	1.7	0.8	1.6	9.3	7.0	0.4	1.3

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

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	N 27
1	0	0	0	0	0	0	0	0	1	10	0	0	0	0	0	0	2	0	0
2	0	12	0	3	10	3	6	0	4	10	0	0	0	0	0	0	14	0	1
3	4	5	0	6	8	6	8	2	3	8	0	0	0	0	0	0	15	1	5
4	-	1	1	2	2	3	6	0	60	10	0	0	0	0	0	3	7	0	3
5	0	1	0	0	8	41	1	1	8	3	2	0	0	0	0	0	8	0	52
6	0	0	0	2	2	8	9	0	1	0	0	0	0	0	0	0	3	-	1
7	0	0	0	2	0	1	4	0	1	0	0	0	0	0	0	0	4	0	0
8	3	3	5	12	17	13	23	5	6	1	0	0	6	2	4	0	12	3	4
9	1	7	1	0	8	31	10	4	12	0	3	9	0	0	0	0	8	1	10
10	0	3	1	4	8	6	6	1	19	0	0	0	0	0	0	3	3	1	3
11	0	13	7	38	16	11	11	6	3	1	3	2	0	4	9	10	13	3	2
12	56	78	23	14	29	81	94	40	25	1	27	37	0	0	14	28	67	22	16
13	16	61	6	25	21	37	25	10	24	1	0	0	0	3	5	7	10	6	28
14	16	8	9	5	6	51	72	12	38	6	8	0	0	0	3	5	37	15	8
15	47	50	18	11	14	105	86	46	19	8	7	40	47	2	12	52	24	33	26
16	0	4	0	0	3	1	5	0	2	5	0	0	0	0	6	0	5	0	0
17	42	23	18	19	61	3	10	27	0	0	0	5	28	5	40	52	-	4	1
18	1	0	3	3	3	2	-	5	0	0	7	13	9	6	0	5	10	4	0
19	0	0	0	5	1	4	13	4	1	1	0	0	0	0	0	0	8	0	2
20	191	135	85	76	105	36	165	77	3	0	5	12	35	17	16	54	42	68	21
21	24	14	26	10	15	8	12	14	3	1	3	40	18	6	15	17	6	8	2
22	39	32	17	26	39	9	36	22	5	3	3	18	25	3	14	0	15	8	3
23	13	16	6	157	2	11	22	32	2	2	2	10	8	0	14	16	17	10	3
24	-	0	1	0	1	2	7	1	0	1	0	7	10	5	0	0	2	1	0
25	76	47	61	33	65	7	7	42	1	0	0	3	11	13	22	0	9	13	1
26	0	4	0	0	0	11	27	6	2	1	12	8	5	3	1	0	10	4	1
27	49	45	39	56	64	4	20	35	6	0	0	1	5	9	50	66	10	13	10
28	10	12	22	9	15	0	4	14	0	2	10	13	21	28	75	16	1	22	3
29	130	50	103	13	48	3	0	53	0	0	9	0	21	62	31	53	0	15	0
30	47	48	187	15	37	22	36	40	11	-	5	13	18	32	11	17	12	46	12
31	78	75	56	30	72	33	72	31	5	5	8	31	12	22	47	71	27	36	13

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

PRECIPITATED ACID (MICROEQUIVALENTS 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	N 27
1	0	0	0	0	0	13	-1	0	7	0	0	0	0	0	0	0	11	0	0
2	0	222	0	51	272	83	-19	0	102	-75	0	0	0	0	0	0	306	0	-5
3	50	18	0	36	96	186	-25	-7	-138	0	0	0	0	0	0	0	-60	30	21
4	-	21	0	0	48	0	-19	0	-1903	18	0	0	0	0	0	-1	21	0	-107
5	0	0	0	8	-17	0	176	1	-2745	-34	-19	0	0	0	0	0	0	0	-499
6	15	-12	1	-51	0	0	95	0	-823	0	0	0	0	0	0	0	-38	-	-64
7	0	-	0	7	0	-11	34	0	-953	0	0	0	0	0	0	0	13	0	0
8	102	118	91	159	287	240	149	-28	-515	-12	0	0	-107	77	63	-26	98	79	51
9	48	115	0	0	94	1433	92	-181	-1092	-	59	-17	0	0	0	0	-156	24	-88
10	82	-53	15	51	181	52	16	-79	-1488	-	0	0	0	0	0	-16	-13	27	-30
11	0	23	112	1212	225	322	230	85	-25	-19	69	20	0	52	10	54	321	129	62
12	827	897	293	178	278	893	788	567	72	29	146	542	0	0	106	305	955	449	221
13	382	861	74	279	363	900	495	176	-6661	-36	0	0	0	61	14	191	216	153	384
14	222	162	124	25	45	682	949	134	270	187	66	0	0	0	16	19	784	204	110
15	401	471	95	1	35	1742	1082	581	678	174	87	490	-214	-	80	238	340	525	358
16	0	22	0	0	27	12	43	0	-13	138	0	0	0	0	-	0	183	0	0
17	1010	163	382	465	949	197	173	741	0	-1	0	89	124	249	817	874	-	266	39
18	28	0	71	18	1	45	-	23	0	0	141	335	-312	292	0	56	210	195	0
19	0	0	0	76	75	159	-	53	-	10	0	0	0	0	0	0	107	0	-25
20	3953	3163	1067	107	1855	1484	3488	1232	13	8	53	172	318	452	229	1480	856	1655	264
21	630	310	346	296	336	229	188	95	-	28	166	668	-1423	143	321	302	95	256	65
22	1071	883	423	546	726	564	785	319	-50	99	175	423	-511	214	296	30	204	410	74
23	447	390	35	-41	160	438	417	62	6	47	20	185	-156	0	246	135	175	284	85
24	-	0	-48	0	0	0	0	-	0	14	0	115	-174	108	0	0	25	10	-5
25	1835	548	1378	1261	1292	303	294	642	-	0	0	51	8	284	331	424	250	568	163
26	0	-	0	18	0	232	503	85	-361	-	298	156	-	107	5	0	122	109	28
27	1502	750	988	1248	1453	293	533	-597	-24	0	0	108	16	214	780	1424	241	429	138
28	294	45	530	258	368	18	-	201	0	-	222	573	272	938	1387	362	2	780	70
29	3316	446	1760	428	866	71	0	1103	0	0	140	0	197	1284	628	1611	0	499	0
30	918	903	2196	444	649	688	264	943	17	-	71	299	175	493	214	416	318	1179	303
31	1810	1287	1039	766	1307	1141	1463	799	16	91	201	617	25	560	879	1542	523	1053	294

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 09	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	0.08
3	0.06	-	-	0.02	-	-	-	0.01
4	-	0.01	-	-	-	-	-	0.01
5	-	-	0.01	-	0.11	-	-	0.01
6	-	-	0.01	-	-	-	-	0.01
7	-	0.01	0.01	-	-	-	-	-
8	0.19	0.09	0.28	0.14	-	-	0.08	0.06
9	0.11	0.02	0.06	0.06	0.06	0.06	-	0.01
10	-	0.02	0.01	0.01	-	-	-	0.03
11	-	0.16	0.11	0.13	0.19	0.22	-	0.15
12	0.66	0.14	0.32	0.46	0.11	0.30	0.40	0.17
13	0.22	0.18	0.26	0.19	-	-	0.19	-
14	0.60	0.30	0.59	0.94	0.75	-	-	-
15	0.86	0.44	0.44	0.55	-	2.03	0.60	-
16	-	0.34	0.49	-	-	-	-	-
17	0.41	0.44	0.34	0.40	-	0.70	0.42	0.28
18	0.39	0.42	0.54	0.20	0.55	0.56	-	-
19	-	0.02	0.08	0.42	-	-	-	0.12
20	0.95	0.11	0.19	0.29	0.60	-	0.38	0.30
21	0.68	0.18	0.24	0.38	0.45	0.90	0.42	0.30
22	0.12	0.02	0.03	0.08	0.29	0.34	0.13	0.10
23	0.15	0.09	0.09	0.11	0.45	0.20	0.17	0.03
24	-	0.06	0.01	0.01	-	0.27	-	0.05
25	0.36	0.18	0.23	0.08	-	0.33	0.26	0.28
26	-	0.26	0.06	0.79	0.33	0.26	-	0.16
27	0.28	0.24	0.35	0.02	-	0.10	0.24	0.33
28	0.47	0.37	0.19	0.49	0.24	0.20	0.40	0.45
29	0.59	1.13	-	0.38	0.45	-	0.42	-
30	0.78	0.54	-	0.73	0.81	0.88	0.65	0.44
31	0.44	0.14	0.29	0.28	0.28	0.36	0.33	0.44

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 09	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	0.43
3	0.15	-	-	0.02	-	-	-	0.02
4	-	0.02	-	-	-	-	-	0.14
5	-	-	0.02	-	0.19	-	-	0.12
6	-	-	0.02	-	-	-	-	0.33
7	-	0.02	0.02	-	-	-	-	-
8	0.13	0.02	0.12	0.09	-	-	0.01	0.02
9	0.06	0.02	0.02	0.40	0.02	0.04	-	0.04
10	-	0.02	0.02	0.16	-	-	-	0.04
11	-	0.11	0.02	0.11	0.02	0.31	-	0.04
12	0.80	0.21	0.41	0.60	0.05	0.44	0.52	0.09
13	0.16	0.09	0.12	0.18	-	-	0.14	-
14	0.60	0.42	0.90	-	1.13	-	-	-
15	1.00	0.04	0.53	0.71	-	0.46	0.35	-
16	-	0.30	0.10	-	-	-	-	-
17	0.21	0.04	0.14	0.18	-	0.43	0.13	0.14
18	0.18	0.32	0.40	0.12	0.40	0.25	-	-
19	-	0.02	0.02	0.47	-	-	-	0.33
20	1.05	0.02	0.09	0.36	0.78	-	0.46	0.04
21	0.59	0.12	0.17	0.35	0.14	0.66	0.28	0.19
22	0.08	0.02	0.16	0.02	0.15	0.11	0.05	0.09
23	0.07	0.02	0.02	0.05	0.69	0.09	0.08	0.06
24	-	0.18	0.02	0.02	-	0.11	-	0.17
25	0.39	0.04	0.02	0.02	-	0.27	0.06	0.04
26	-	0.13	0.02	0.33	0.12	0.09	-	0.12
27	0.20	0.04	0.02	0.02	-	0.02	0.08	0.29
28	0.25	0.13	1.56	0.35	0.22	0.02	0.12	0.23
29	0.55	1.24	-	0.26	0.55	-	0.20	-
30	1.00	0.40	-	0.68	0.78	0.60	0.54	0.18
31	0.38	0.02	0.26	0.12	0.17	0.21	0.15	0.11



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JANUARY 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	-	-	-
3	0.29	0.14	0.11
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	0.14	0.24	0.07
9	0.20	0.92	0.21
10	0.17	0.25	0.07
11	-	0.27	0.02
12	0.27	0.23	0.10
13	0.15	0.25	0.06
14	0.30	0.72	0.39
15	0.64	0.35	0.32
16	-	-	-
17	0.06	0.15	0.06
18	0.10	0.17	0.10
19	-	0.28	-
20	0.17	0.11	0.05
21	0.13	0.59	0.05
22	0.10	0.16	0.05
23	0.33	0.47	0.25
24	-	-	0.11
25	0.12	0.11	0.04
26	-	-	0.50
27	0.07	0.18	0.06
28	0.08	0.57	0.05
29	0.08	0.22	0.04
30	0.11	0.22	0.07
31	0.07	0.12	0.05

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - FEBRUARY 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 03	FINSLAND	PA	58 19 N	7 35 E	275
3	N 05	GJERSTAD	P	58 53 N	8 57 E	240
4	N 06	LISTA	P	58 06 N	6 34 E	13
5	N 07	MANDAL	P	58 03 N	7 27 E	138
6	N 08	SKREDALEN	P	58 49 N	6 43 E	475
7	N 09	SØYLAND	PA	58 41 N	5 59 E	263
8	N 10	TOVDAL	P	58 48 N	8 14 E	227
9	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
10	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
11	N 16	TAGMYRA	P	61 25 N	12 04 E	536
12	N 18	LØKEN	P	59 48 N	11 27 E	150
13	N 19	BISLINGEN	P	60 14 N	10 37 E	680
14	N 20	GRIMELID	P	60 08 N	9 36 E	367
15	N 22	VASSER	PA	59 04 N	10 26 E	35
16	N 23	LYNGØR	PA	58 38 N	9 08 E	20
17	N 24	FITJAR	P	59 55 N	5 19 E	20
18	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
19	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
20	N 27	VATNEALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

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	N 27
1	0.0	0.4	0.0	2.5	0.6	2.4	10.6	0.0	2.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
3	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	3.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
16	0.0	0.0	0.0	1.0	0.5	1.5	0.2	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	2.1	0.0	0.0
17	15.1	14.0	6.5	19.0	17.3	17.6	1.6	9.5	15.9	1.8	3.9	3.2	2.9	4.2	1.7	9.1	12.7	8.0	9.5
18	0.0	0.0	0.0	0.0	0.0	5.0	1.0	0.0	6.8	8.6	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	2.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	56.3	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	30.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

OFFICIAL PRECIPITATION DATA (MM)

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	N 27
1	-	0.5	0.0	2.8	1.5	2.5	11.3	0.0	2.7	10.7	0.0	-	-	0.0	-	0.0	7.5	-	-
2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.4	0.0	-	-	0.0	-	0.0	1.0	-	-
3	-	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	3.8	0.0	-	-	0.0	-	0.0	0.1	-	-
4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	-	-	0.0	-	0.0	0.0	-	-
6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	-	-	0.0	-	0.0	0.0	-	-
7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-	-	0.0	-	0.0	0.0	-	-
8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	-	-	0.0	-	0.0	0.0	-	-
9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	-	-	0.0	-	0.0	0.0	-	-
10	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.4	0.0	-	-	0.0	-	0.0	0.0	-	-
11	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	5.1	0.0	-	-	0.0	-	0.0	0.3	-	-
12	-	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.3	6.4	0.0	-	-	0.0	-	0.0	2.1	-	-
13	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-	-	0.0	-	0.0	0.0	-	-
14	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.6	-	-
15	-	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	5.5	0.0	-	-	0.0	-	0.0	1.0	-	-
16	-	0.0	0.0	1.0	0.8	1.4	3.2	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	3.0	-	-
17	-	16.0	6.2	19.2	18.7	14.5	20.4	9.0	16.0	3.6	4.4	-	-	4.0	-	10.5	13.2	-	-
18	-	0.0	0.0	0.0	0.0	5.0	1.0	0.0	6.7	11.0	0.0	-	-	0.0	-	0.0	2.0	-	-
19	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	-	-	0.0	-	0.0	0.0	-	-
20	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	4.1	0.0	-	-	0.0	-	0.0	51.5	-	-
21	-	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.1	6.1	0.0	-	-	0.0	-	0.0	4.0	-	-
22	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	-	-	0.0	-	0.0	0.0	-	-
23	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	10.4	0.0	-	-	0.0	-	0.0	0.0	-	-
24	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.9	0.0	-	-	0.0	-	0.0	0.0	-	-
25	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	-	-	0.0	-	0.0	0.0	-	-
26	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.8	0.0	-	-	0.0	-	0.0	0.0	-	-
27	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	30.1	0.0	-	-	0.0	-	0.0	0.1	-	-
28	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	-	-	0.0	-	0.0	0.0	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

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	N 26	N 27
1	-	0.19	-	1.06	1.02	0.20	0.19	-	0.22	0.05	-	-	-	-	-	-	0.79	0.06	-	-
2	-	-	-	-	-	-	-	-	0.10	0.09	-	-	-	-	-	-	-	-	-	-
3	-	-	-	0.22	-	-	-	-	-	0.11	-	-	-	-	-	-	-	0.32	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-	-
5	-	-	-	-	-	-	-	-	-	1.34	-	-	-	-	-	-	-	1.22	-	-
6	-	-	-	-	-	-	-	-	-	0.89	-	-	-	-	-	-	-	1.30	-	-
7	-	-	-	-	-	-	-	-	-	0.71	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	0.40	-	-	-	-	-	-	-	0.10	-	-
9	-	-	-	-	-	-	-	-	-	0.21	-	-	-	-	-	-	-	0.08	-	-
10	-	-	-	-	-	-	-	-	0.07	0.23	-	-	-	-	-	-	-	0.10	-	-
11	-	-	-	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	0.17	-	-
12	-	-	-	-	-	-	0.17	-	0.07	0.05	-	-	-	-	-	-	0.23	0.47	-	-
13	-	-	-	-	-	-	-	-	-	0.16	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39	-	-	-
15	-	-	-	-	-	0.20	-	-	-	0.08	-	-	-	-	-	-	0.70	-	-	-
16	-	-	-	6.39	2.25	0.68	0.66	-	-	-	-	0.11	-	-	-	-	1.08	-	-	-
17	0.22	0.17	0.24	0.77	0.57	0.28	0.62	0.23	0.35	0.26	0.06	0.17	0.14	0.06	1.07	3.30	0.45	0.11	0.12	0.10
18	-	-	-	-	-	0.81	0.99	-	0.62	0.24	-	-	-	-	-	-	0.98	0.85	-	0.23
19	-	-	-	-	-	-	-	-	-	0.75	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	0.07	0.39	-	-	-	-	-	-	0.25	-	-	-
21	-	-	-	-	-	-	1.34	-	-	0.37	-	-	-	-	-	-	0.81	-	-	-
22	-	-	-	-	-	-	-	-	-	0.11	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	0.53	1.32	-	-	-	-	-	-	-	1.66	-	-
24	-	-	-	-	-	-	-	-	-	1.15	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	0.72	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	0.14	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	0.48	0.04	-	-	-	-	-	-	-	0.24	-	-
28	-	-	-	-	-	-	-	-	-	0.29	-	-	-	-	-	-	-	0.16	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

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	N 26	N 27
1	-	4.4	-	2.6	3.1	1.5	1.3	-	1.2	0.5	-	-	-	-	-	-	1.2	1.1	-	-
2	-	-	-	-	-	-	-	-	0.5	0.4	-	-	-	-	-	-	-	-	-	-
3	-	-	-	1.5	-	-	-	-	-	1.1	-	-	-	-	-	-	-	4.6	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-
5	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	18.2	-	-
6	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	1.8	-	-
7	-	-	-	-	-	-	-	-	-	4.8	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	2.8	-	-
9	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	-	3.6	-	-
10	-	-	-	-	-	-	-	-	1.5	1.6	-	-	-	-	-	-	-	4.1	-	-
11	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-	3.2	-	-
12	-	-	-	-	-	-	7.0	-	0.8	0.3	-	-	-	-	-	-	4.3	2.0	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-	-
15	-	-	-	-	-	12.9	-	-	-	0.4	-	-	-	-	-	-	5.0	-	-	-
16	-	-	-	13.7	9.4	5.0	4.6	-	-	-	-	6.7	-	-	-	-	4.2	-	-	-
17	3.0	2.0	2.8	2.4	3.8	1.2	3.2	4.2	0.9	1.6	1.7	2.2	3.6	3.2	4.4	6.0	1.8	10.1	4.2	0.5
18	-	-	-	-	-	0.9	2.3	-	0.4	0.2	-	-	-	-	-	-	1.0	0.9	-	0.4
19	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	3.3	0.4	-	-	-	-	-	-	2.3	-	-	-
21	-	-	-	-	-	-	8.0	-	-	3.7	-	-	-	-	-	-	14.8	-	-	-
22	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	4.0	1.4	-	-	-	-	-	-	-	2.4	-	-
24	-	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	9.6	0.2	-	-	-	-	-	-	-	10.0	-	-
28	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	12.6	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

PH IN PRECIPITATION

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	N 26	N 27
1	-	7.35	-	4.25	4.65	5.20	5.00	-	5.10	4.80	-	-	-	-	-	-	4.55	5.05	-	-
2	-	-	-	-	-	-	-	-	6.40	5.25	-	-	-	-	-	-	-	-	-	-
3	-	-	-	6.00	-	-	-	-	-	4.75	-	-	-	-	-	-	-	7.20	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.15	-	-
5	-	-	-	-	-	-	-	-	-	5.05	-	-	-	-	-	-	-	4.05	-	-
6	-	-	-	-	-	-	-	-	-	5.20	-	-	-	-	-	-	-	5.25	-	-
7	-	-	-	-	-	-	-	-	-	4.10	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	4.00	-	-	-	-	-	-	-	4.45	-	-
9	-	-	-	-	-	-	-	-	-	4.70	-	-	-	-	-	-	-	4.95	-	-
10	-	-	-	-	-	-	-	-	6.55	5.50	-	-	-	-	-	-	-	4.25	-	-
11	-	-	-	-	-	-	-	-	-	5.50	-	-	-	-	-	-	-	4.45	-	-
12	-	-	-	-	-	-	4.75	-	6.20	5.40	-	-	-	-	-	-	4.15	4.65	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.80	-	-	-
15	-	-	-	-	-	4.80	-	-	-	5.50	-	-	-	-	-	-	4.80	-	-	-
16	-	-	-	3.70	4.05	4.05	-	-	-	-	-	4.65	-	-	-	-	4.20	-	-	-
17	4.40	4.45	4.70	4.45	4.50	4.70	5.45	6.40	4.80	4.60	4.50	4.40	5.60	4.20	4.20	4.40	4.55	3.95	4.30	4.80
18	-	-	-	-	-	5.20	4.70	-	5.60	5.30	-	-	-	-	-	-	5.40	5.15	-	5.70
19	-	-	-	-	-	-	-	-	-	5.10	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	6.10	5.70	-	-	-	-	-	-	4.35	-	-	-
21	-	-	-	-	-	-	3.85	-	-	4.05	-	-	-	-	-	-	3.45	-	-	-
22	-	-	-	-	-	-	-	-	-	4.40	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	4.15	4.50	-	-	-	-	-	-	-	4.85	-	-
24	-	-	-	-	-	-	-	-	-	5.10	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	4.40	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	4.65	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	4.25	5.50	-	-	-	-	-	-	-	3.95	-	-
28	-	-	-	-	-	-	-	-	-	6.30	-	-	-	-	-	-	-	4.40	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS 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	N 26	N 27
1	-	-	-	56	22	-2	13	-	2	13	-	-	-	-	-	-	29	-6	-	-
2	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-
5	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	89	-	-
6	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-6	-	-
7	-	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	35	-	-
9	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	10	-	-
10	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	56	-	-
11	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	35	-	-
12	-	-	-	-	-	-	18	-	-38	1	-	-	-	-	-	-	80	22	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
15	-	-	-	-	-	16	-	-	-	0	-	-	-	-	-	-	16	-	-	-
16	-	-	-	200	89	89	-	-	-	-	-	63	-	-	-	-	72	-	-	-
17	42	31	27	35	42	27	14	-119	13	25	34	40	-9	63	76	59	35	112	58	1
18	-	-	-	-	-	12	20	-	-27	2	-	-	-	-	-	-	2	6	-	-
19	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-76	0	-	-	-	-	-	-	54	-	-	-
21	-	-	-	-	-	-	140	-	-	89	-	-	-	-	-	-	410	-	-	-
22	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	71	36	-	-	-	-	-	-	-	14	-	-
24	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	32	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	56	5	-	-	-	-	-	-	-	108	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	5	4	7	13	3	1	7
2	4	4	3	33	3	2	4
3	2	6	3	22	5	1	7
4	3	4	5	24	5	1	5
5	5	4	5	21	9	1	5
6	4	4	8	16	7	1	4
7	6	2	5	20	4	1	5
8	6	5	3	41	4	1	5
9	2	3	3	39	5	1	4
10	3	2	3	56	4	3	10
11	5	1	4	51	7	2	9
12	5	1	3	12	10	2	8
13	4	1	1	17	8	2	5
14	4	2	2	12	6	3	3
15	3	3	8	15	7	2	3
16	7	2	7	9	6	2	12
17	12	4	10	18	13	4	4
18	6	2	4	5	9	4	5
19	5	3	6	10	5	4	4
20	1	2	6	8	4	5	3
21	10	5	13	11	9	6	7
22	16	9	21	25	23	4	14
23	13	1	23	27	17	5	20
24	6	1	12	56	7	6	5
25	4	6	3	17	5	4	6
26	3	3	10	17	4	6	6
27	3	6	8	33	2	4	7
28	3	5	4	18	1	1	9

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	1.1	0.4	1.0	5.6	1.8	0.1	0.6
2	0.5	0.3	0.6	4.3	10.3	0.2	0.2
3	0.7	0.2	0.7	4.0	3.3	0.3	0.1
4	0.3	0.3	0.4	4.6	2.6	0.4	0.1
5	1.2	0.2	0.6	5.1	2.7	0.9	0.3
6	1.2	0.5	2.1	6.0	2.7	0.6	0.6
7	1.2	0.8	1.6	4.4	1.7	0.3	0.8
8	0.9	0.9	1.8	7.3	11.5	0.5	0.5
9	0.4	0.1	2.4	3.5	1.7	0.1	0.5
10	0.5	0.4	2.3	5.4	3.3	0.3	0.7
11	2.5	2.9	3.7	8.7	4.4	1.3	1.6
12	4.6	3.6	8.0	10.7	9.1	0.3	1.9
13	0.7	0.4	0.1	3.4	2.4	0.6	0.5
14	0.3	0.3	0.7	1.5	0.6	0.7	0.2
15	0.9	1.0	0.7	2.4	1.4	0.5	1.6
16	2.4	2.4	1.2	2.7	2.5	0.6	0.6
17	4.1	2.7	2.0	9.4	8.6	1.9	3.6
18	0.6	0.7	1.2	1.7	1.2	0.1	0.3
19	0.1	0.3	0.5	4.1	0.5	0.1	0.3
20	2.1	2.5	2.4	2.7	2.7	0.5	1.8
21	10.6	11.6	7.3	14.5	11.5	1.6	6.4
22	19.2	14.9	11.2	21.9	21.1	0.7	11.5
23	17.1	18.7	16.5	18.5	16.3	2.1	9.4
24	1.9	1.6	3.3	8.0	3.0	0.4	1.5
25	0.6	0.3	0.1	2.4	0.8	0.1	0.2
26	0.3	0.4	1.5	11.9	0.7	0.3	0.1
27	4.5	6.0	6.4	10.2	3.1	0.9	2.8
28	3.5	3.0	11.2	11.6	10.1	1.4	3.3







LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

FEBRUARY 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	-	-	-
16	-	-	-
17	0.26	0.90	0.29
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - MARCH 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS			LOCATIONS			
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 03	FINSLAND	PA	58 19 N	7 35 E	275
3	N 05	GJERSTAD	P	58 53 N	8 57 E	240
4	N 06	LISTA	P	58 03 N	7 27 E	138
5	N 07	MANDAL	P	58 03 N	7 27 E	138
6	N 08	SKREDALEN	P	58 49 N	6 43 E	475
7	N 09	SØYLAND	PA	58 41 N	5 59 E	263
8	N 10	TOVDAL	P	58 48 N	8 14 E	227
9	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
10	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
11	N 16	TAGMYRA	P	61 25 N	12 04 E	536
12	N 18	LØKEN	P	59 48 N	11 27 E	150
13	N 19	BISLINGEN	P	60 14 N	10 37 E	680
14	N 20	GRIMELID	P	60 08 N	9 36 E	367
15	N 22	VASSER	PA	59 04 N	10 26 E	35
16	N 23	LYNGØR	PA	58 38 N	9 08 E	20
17	N 24	FITJAR	P	59 55 N	5 19 E	20
18	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
19	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
20	N 27	VATNEALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MARCH 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

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	N 27
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	9.7	7.0	1.4	6.5	6.0	9.6	1.6	5.8	1.0	1.4	0.0	0.0	0.0	0.0	1.6	4.0	9.6	5.6	0.0
3	4.1	3.7	2.9	5.1	7.6	6.6	2.4	3.8	4.3	3.5	0.0	0.0	0.0	3.9	0.4	1.5	4.3	4.5	8.0
4	4.9	5.4	6.6	7.2	13.1	3.1	1.5	6.6	4.5	0.2	6.0	5.7	6.6	3.9	3.8	6.7	1.0	7.4	1.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
6	11.1	12.5	5.8	9.0	14.4	20.3	8.6	6.7	0.0	0.0	0.0	0.0	0.0	1.4	2.0	3.3	5.7	6.7	1.6
7	5.7	5.1	3.4	2.8	4.3	5.1	4.5	5.6	0.0	0.1	1.3	5.2	0.0	3.0	5.0	5.9	0.0	5.9	1.9
8	0.0	1.9	5.9	0.4	0.0	3.3	2.6	0.0	0.0	0.0	2.3	3.4	5.6	4.2	1.0	1.4	0.0	0.0	0.3
9	0.0	0.0	0.0	1.0	1.2	0.3	0.0	0.0	7.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.2	3.2	0.0	6.6	1.1	17.0	5.1	1.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.5	3.2
24	4.3	0.0	2.7	0.0	0.5	0.4	4.5	4.8	1.0	0.0	0.0	0.0	0.0	5.5	0.0	1.3	3.4	3.4	0.0
25	0.0	0.0	0.0	3.1	0.0	2.0	9.1	0.0	0.0	0.1	5.6	0.6	17.9	0.0	0.0	0.0	1.6	1.5	3.1
26	0.2	0.0	2.7	0.0	1.8	0.0	0.0	0.3	0.0	0.0	4.7	1.5	0.0	4.1	0.8	1.3	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1	1.8	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.3	0.4	0.0	1.7	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0
31	0.0	0.0	0.0	0.5	0.5	2.5	1.6	0.0	4.1	1.9	0.0	0.0	0.0	0.0	0.0	0.3	5.4	0.0	0.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MARCH 75

OFFICIAL PRECIPITATION DATA (MM)

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	N 27
1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.5	0.0	-	-	0.0	-	0.0	0.0	-	-
2	-	6.8	1.4	5.2	5.9	9.3	3.2	5.8	1.0	1.8	0.0	-	-	0.0	-	2.6	9.5	-	-
3	-	3.5	2.6	5.9	6.4	6.5	4.7	3.6	4.6	3.7	0.0	-	-	4.0	-	2.5	5.5	-	-
4	-	5.5	6.4	7.8	13.4	3.0	3.1	6.5	4.8	0.3	5.6	-	-	3.5	-	4.9	2.0	-	-
5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	-	-	0.0	-	0.0	2.0	-	-
6	-	13.5	5.8	9.5	14.7	19.0	27.0	6.5	0.0	0.0	0.0	-	-	1.1	-	2.7	6.2	-	-
7	-	6.5	2.9	2.7	5.2	4.8	11.0	5.0	0.0	0.2	1.5	-	-	2.9	-	6.3	0.0	-	-
8	-	2.0	6.3	0.6	0.0	3.4	3.3	0.0	0.0	0.0	2.0	-	-	3.5	-	2.0	0.0	-	-
9	-	0.0	0.0	1.0	1.2	0.3	0.0	0.0	7.7	6.1	0.0	-	-	0.0	-	0.0	0.0	-	-
10	-	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.2	4.2	0.0	-	-	0.0	-	0.0	0.0	-	-
11	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	-	-	0.0	-	0.0	0.0	-	-
12	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	-	-	0.0	-	0.0	0.0	-	-
13	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
14	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-	-	0.0	-	0.0	0.0	-	-
15	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	4.0	0.0	-	-	0.0	-	0.0	0.0	-	-
16	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
17	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-	-	0.0	-	0.0	0.0	-	-
18	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	-	-	0.0	-	0.0	0.0	-	-
19	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-	-	0.0	-	0.0	0.0	-	-
20	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	-	-	0.0	-	0.0	0.0	-	-
21	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-	-	0.0	-	0.0	0.0	-	-
22	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
23	-	3.5	0.0	6.3	1.9	14.9	20.0	1.3	6.9	0.0	0.0	-	-	0.0	-	0.0	18.5	-	-
24	-	0.0	2.4	0.0	0.1	0.5	3.4	4.8	1.2	0.0	0.0	-	-	5.2	-	1.6	4.0	-	-
25	-	0.0	0.0	2.5	0.0	1.9	8.2	0.0	0.0	0.1	5.2	-	-	0.0	-	0.0	2.0	-	-
26	-	0.0	2.5	0.0	2.0	0.0	0.0	0.3	0.0	0.0	3.4	-	-	4.2	-	2.1	0.0	-	-
27	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2	1.2	-	-	0.0	-	1.3	0.0	-	-
28	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
29	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
30	-	0.0	0.0	0.4	0.1	0.0	2.0	0.1	3.3	0.0	0.0	-	-	0.0	-	0.0	6.0	-	-
31	-	0.0	0.0	1.0	0.9	2.5	1.9	0.0	5.5	2.7	0.0	-	-	0.0	-	0.4	6.0	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MARCH 75

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	N 26	N 27
1	-	-	-	-	-	-	-	-	0.46	0.21	-	-	-	-	-	-	-	-	-	-
2	0.10	0.08	0.26	0.05	0.04	0.09	-	0.09	0.12	0.09	-	-	-	-	1.00	1.36	0.09	0.05	0.04	-
3	0.04	0.05	0.06	0.11	0.09	0.09	0.17	0.02	0.07	0.04	-	-	-	0.02	0.47	0.90	0.10	0.16	0.03	0.05
4	0.03	0.03	0.05	0.09	0.05	0.04	0.11	0.06	0.05	0.05	0.05	0.13	0.06	0.01	0.11	0.35	0.23	-	0.02	0.06
5	-	-	-	-	-	-	-	-	-	0.15	-	-	-	-	-	-	0.11	-	-	-
6	0.05	0.05	0.06	0.39	0.16	0.02	0.04	0.04	-	-	-	-	-	0.03	0.20	0.41	0.05	0.07	0.02	0.02
7	0.11	0.08	0.05	0.82	0.37	0.11	0.11	0.05	-	0.28	0.07	0.04	-	0.03	0.15	0.51	-	0.10	0.02	0.13
8	-	0.42	0.12	2.27	-	0.37	0.72	-	-	-	0.08	0.08	0.05	0.01	0.17	0.39	-	0.06	-	0.22
9	-	-	-	0.35	0.38	0.17	-	-	0.05	0.04	-	-	-	-	-	-	-	-	-	-
10	-	-	-	0.45	-	-	-	-	-	0.02	-	-	-	-	-	-	-	0.49	-	-
11	-	-	-	-	-	-	-	-	-	0.99	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	0.34	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	0.32	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	0.33	0.29	-	-	-	-	-	-	-	0.89	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07	-	-
17	-	-	-	-	-	-	-	-	-	0.38	-	-	-	-	-	-	-	0.13	-	-
18	-	-	-	-	-	-	-	-	-	0.95	-	-	-	-	-	-	-	0.39	-	-
19	-	-	-	-	-	-	-	-	-	0.84	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	0.26	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	0.33	-	1.27	0.77	0.01	0.22	0.64	0.08	-	-	-	-	-	-	-	0.19	0.20	-	0.17
24	0.27	-	0.22	-	0.14	0.25	0.30	0.20	0.14	-	-	-	-	0.03	-	5.35	0.30	0.12	0.07	-
25	-	-	-	1.52	-	0.11	0.29	-	-	0.22	0.06	0.05	0.05	-	-	-	0.63	0.04	0.05	0.06
26	-	-	0.03	-	0.04	-	-	0.20	-	-	0.03	0.07	-	0.03	0.56	1.04	-	-	-	-
27	-	-	-	-	-	-	-	-	0.05	0.22	0.06	-	-	-	0.50	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	0.29	0.12	-	0.32	-	0.04	-	-	-	-	-	-	-	0.13	-	-	-
31	-	-	-	-	1.55	0.10	0.43	-	0.09	0.02	-	-	-	-	-	-	0.37	0.18	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MARCH 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

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	N 26	N 27
1	-	-	-	-	-	-	-	-	14.0	4.2	-	-	-	-	-	-	-	-	-	-
2	4.6	6.6	7.9	3.2	3.8	4.2	-	4.3	6.8	4.0	-	-	-	-	24.3	8.6	6.0	6.2	3.2	-
3	4.0	4.1	6.9	5.6	6.1	3.9	4.4	2.4	4.8	3.1	-	-	-	3.3	21.5	8.6	5.0	5.7	2.8	2.9
4	4.1	3.4	3.8	5.2	4.7	3.7	5.2	3.9	3.3	1.7	3.2	16.7	5.3	1.5	7.3	6.6	14.5	-	3.1	3.2
5	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	6.2	-	-	-
6	4.4	3.6	5.4	4.0	5.7	1.8	2.3	4.1	-	-	-	-	-	4.4	9.5	6.0	2.9	8.3	4.5	2.2
7	6.1	4.5	4.4	3.5	10.6	3.7	4.7	3.8	-	1.2	4.1	7.6	-	2.3	5.4	5.4	-	7.4	3.6	3.2
8	-	2.4	5.1	3.1	-	2.8	2.5	-	-	-	2.5	4.9	4.2	0.9	3.4	2.9	-	6.3	-	3.0
9	-	-	-	6.5	10.3	2.9	-	-	1.2	0.2	-	-	-	-	-	-	-	-	-	-
10	-	-	-	6.3	-	-	-	-	-	0.3	-	-	-	-	-	-	-	1.5	-	-
11	-	-	-	-	-	-	-	-	-	3.9	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	0.8	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	0.7	0.1	-	-	-	-	-	-	-	1.6	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-
17	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	2.3	-	-
18	-	-	-	-	-	-	-	-	-	0.0	-	-	-	-	-	-	-	2.2	-	-
19	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	7.1	-	6.1	8.7	3.1	5.1	9.9	1.8	-	-	-	-	-	-	-	3.1	32.3	-	3.1
24	4.8	-	5.4	-	1.5	5.2	0.9	4.8	0.6	-	-	-	-	1.9	-	13.6	1.0	12.0	4.8	-
25	-	-	-	0.6	-	1.4	0.7	-	-	-	2.6	2.3	1.8	-	-	-	1.4	15.2	0.5	0.3
26	-	-	1.0	-	0.7	-	-	1.7	-	-	1.7	2.6	-	1.9	7.4	2.6	-	-	-	-
27	-	-	-	-	-	-	-	-	1.5	-	4.1	-	-	-	-	5.1	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	3.6	4.8	-	3.1	-	1.4	-	-	-	-	-	-	-	1.6	-	-	-
31	-	-	-	-	3.7	1.6	1.4	-	0.6	0.1	-	-	-	-	-	19.8	1.0	1.7	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MARCH 75

PH IN PRECIPITATION

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	N 26	N 27
1	-	-	-	-	-	-	-	-	6.85	4.40	-	-	-	-	-	-	-	-	-	-
2	4.10	4.40	4.00	4.30	4.30	4.30	4.30	4.45	6.20	4.35	-	-	-	-	3.40	3.95	4.00	4.20	4.25	-
3	4.00	4.60	4.20	4.15	4.10	4.35	4.30	4.40	6.10	4.30	-	-	-	4.30	3.70	3.90	4.00	6.25	4.30	4.30
4	4.05	5.30	4.40	4.20	4.20	4.30	4.20	4.85	5.50	5.70	4.30	3.80	4.80	4.35	4.00	4.10	3.45	-	4.10	4.50
5	-	-	-	-	-	-	-	-	-	5.40	-	-	-	-	-	-	6.20	-	-	-
6	4.05	4.20	4.30	4.25	4.10	4.50	4.40	4.20	-	-	-	-	-	4.20	3.80	3.85	4.25	3.90	4.10	4.30
7	3.85	4.10	4.50	3.80	3.70	4.25	3.95	4.20	-	5.75	4.30	3.85	-	4.30	4.10	4.05	-	3.90	4.10	4.20
8	-	5.10	4.00	4.50	-	4.40	4.95	-	-	-	4.60	4.00	4.75	4.70	4.70	4.50	-	4.00	-	4.55
9	-	-	-	3.90	4.00	4.35	-	-	5.20	5.30	-	-	-	-	-	-	-	-	-	-
10	-	-	-	3.60	-	-	-	-	-	5.40	-	-	-	-	-	-	-	5.30	-	-
11	-	-	-	-	-	-	-	-	-	5.50	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	5.10	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	5.30	5.40	-	-	-	-	-	-	-	4.90	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.20	-	-
17	-	-	-	-	-	-	-	-	-	5.40	-	-	-	-	-	-	-	5.00	-	-
18	-	-	-	-	-	-	-	-	-	5.10	-	-	-	-	-	-	-	4.80	-	-
19	-	-	-	-	-	-	-	-	-	5.70	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	4.75	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	4.10	-	3.90	4.00	4.20	4.40	4.00	5.80	-	-	-	-	-	-	-	4.40	3.75	-	4.10
24	4.20	-	4.10	-	5.15	6.60	5.40	6.10	7.00	-	-	-	-	4.30	-	4.00	5.40	5.50	4.00	-
25	-	-	-	5.35	-	6.00	5.10	-	-	-	4.40	4.60	4.30	-	-	-	5.20	3.80	5.30	5.35
26	-	-	4.50	-	5.40	-	-	6.80	-	-	4.60	4.65	-	4.35	4.50	4.70	-	-	-	-
27	-	-	-	-	-	-	-	7.70	-	-	4.35	-	-	-	-	4.50	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	4.40	5.30	-	4.90	-	6.35	-	-	-	-	-	-	-	4.80	-	-	-
31	-	-	-	-	5.00	5.10	5.90	-	6.90	5.10	-	-	-	-	-	4.60	4.90	5.30	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MARCH 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS 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	N 26	N 27
1	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-
2	83	47	100	50	70	50	50	35	-	45	-	-	-	-	326	175	126	63	63	-
3	106	34	63	71	104	45	64	40	-69	50	-	-	-	50	200	200	119	-	59	50
4	104	5	40	63	68	50	63	9	-9	0	50	160	7	45	124	94	355	-	86	32
5	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
6	104	87	50	56	100	39	50	63	-	-	-	-	-	63	216	218	65	125	94	50
7	166	113	40	160	292	56	141	63	-	-2	50	140	-	50	112	117	-	190	97	63
8	-	4	100	32	-	40	11	-	-	-	26	100	20	20	20	32	-	160	-	28
9	-	-	-	125	100	45	-	-	2	4	-	-	-	-	-	-	-	-	-	-
10	-	-	-	250	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	6	-	-
12	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-8	2	-	-	-	-	-	-	-	10	-	-
17	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	30	-	-
18	-	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	8	-	-
19	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	16	-	-
20	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	119	-	125	100	63	69	100	-50	-	-	-	-	-	-	-	-	-	-	-
24	72	-	80	-	6	-	6	-201	-	-	-	-	-	50	-	100	-6	8	113	-
25	-	-	-	-1	-	-	8	-	-	-	40	22	50	-	-	-	5	160	2	-12
26	-	-	29	-	-12	-	-	-	-	-	40	26	-	45	32	20	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-	32	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	40	4	-	34	-	-104	-	-	-	-	-	-	-	34	-	-	-
31	-	-	-	-	10	-15	-4	-	-642	8	-	-	-	-	-	25	16	4	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MARCH 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	2	2	11	9	1	2	5
2	5	2	12	10	2	5	6
3	5	2	7	18	7	5	5
4	4	1	8	13	18	4	5
5	3	1	7	35	15	4	8
6	4	2	2	8	14	5	7
7	4	2	5	10	10	3	8
8	2	2	3	11	8	3	29
9	7	1	2	12	10	3	2
10	3	1	3	15	9	2	9
11	2	1	3	14	7	4	8
12	3	1	3	41	5	5	5
13	5	4	5	36	11	2	5
14	6	4	4	37	12	2	4
15	6	8	11	19	9	1	4
16	4	5	7	11	5	3	3
17	6	5	6	14	6	3	5
18	4	4	7	13	6	3	4
19	3	4	8	13	7	6	3
20	5	7	9	24	7	4	3
21	5	6	7	15	7	2	4
22	6	24	15	13	11	3	3
23	5	7	16	9	13	6	15
24	23	6	7	11	9	6	9
25	11	7	6	9	2	7	4
26	4	3	4	8	5	7	3
27	3	6	4	12	7	8	4
28	3	6	5	11	8	7	6
29	10	6	6	12	8	7	4
30	7	5	6	13	8	7	4
31	3	4	5	8	3	2	1

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MARCH 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	2.1	4.9	-	14.6	6.7	2.2	1.4
2	7.9	8.9	3.8	20.9	10.9	1.7	6.0
3	3.3	4.5	4.0	12.1	10.9	1.0	3.0
4	2.2	2.6	9.4	10.6	4.8	2.4	1.5
5	1.8	3.1	4.6	6.6	2.5	2.0	2.5
6	4.5	4.9	4.7	11.0	6.3	2.3	2.8
7	3.9	3.8	12.2	10.2	9.0	0.4	2.6
8	4.5	1.3	1.9	3.7	3.0	0.8	1.6
9	4.1	1.8	3.0	6.5	4.7	0.7	2.0
10	2.4	0.9	0.9	6.6	7.4	0.3	1.1
11	0.3	0.1	0.2	1.5	0.6	2.0	0.2
12	0.6	0.2	0.9	2.4	1.0	1.4	0.5
13	2.2	1.0	2.5	4.5	2.8	0.6	0.9
14	4.5	1.7	2.6	7.4	6.1	2.6	1.6
15	2.0	2.0	1.8	2.6	2.9	0.3	0.7
16	0.3	0.2	0.9	0.6	0.3	0.3	0.0
17	1.0	0.5	0.2	1.7	1.2	0.2	0.5
18	1.0	0.3	0.5	1.2	1.6	0.2	0.1
19	0.5	0.5	0.6	1.3	0.9	0.5	0.4
20	1.2	1.1	3.1	2.2	1.6	0.2	1.0
21	0.0	1.9	0.1	2.3	2.5	0.3	1.1
22	0.0	17.5	4.7	3.5	2.9	1.6	0.8
23	2.5	1.6	6.7	4.0	6.0	3.8	6.7
24	7.2	0.4	0.6	7.5	3.7	2.2	4.7
25	2.1	0.3	0.5	1.4	0.3	2.6	0.2
26	0.5	0.5	0.5	3.0	0.8	4.2	0.9
27	0.7	4.9	2.2	6.9	6.7	3.4	4.3
28	3.6	0.8	4.3	4.0	6.9	3.2	4.9
29	10.4	5.8	5.2	5.2	6.3	3.3	4.1
30	4.3	7.1	4.6	7.0	6.3	3.3	3.5
31	1.3	1.7	0.8	3.2	2.6	0.4	1.6

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MARCH 75

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	N 27
1	0	0	0	0	0	0	0	0	32	11	0	0	0	0	0	0	0	0	0
2	45	46	11	21	23	40	-	25	7	7	0	0	0	0	39	34	57	18	0
3	16	15	20	29	46	26	21	9	20	11	0	0	0	13	8	13	22	12	23
4	20	18	25	37	62	11	16	26	15	1	19	95	35	6	28	44	14	23	3
5	0	0	0	0	0	0	0	-	0	1	0	0	0	0	0	0	6	0	0
6	49	45	31	36	82	36	63	28	0	0	0	0	0	6	19	20	16	30	4
7	35	23	15	24	46	19	52	21	0	0	5	39	0	7	27	32	0	21	6
8	0	5	30	1	0	9	8	0	0	0	6	17	24	4	3	4	0	0	1
9	0	0	0	6	12	1	0	0	9	1	0	0	0	0	0	0	0	0	0
10	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	-	23	0	40	10	53	102	13	11	0	0	0	0	0	0	0	54	-	10
24	21	0	14	0	1	2	3	23	1	0	0	0	0	10	0	17	4	16	0
25	0	0	0	2	0	3	6	0	0	-	14	1	33	0	0	0	2	1	1
26	-	0	3	0	1	0	0	1	0	0	8	4	0	8	6	3	0	0	0
27	0	0	0	0	0	0	0	0	1	-	7	0	0	0	0	2	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	1	2	0	6	0	3	0	0	0	0	0	0	0	9	0	0
31	0	0	0	-	2	4	3	0	2	0	0	0	0	0	0	6	6	0	0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MARCH 75

PRECIPITATED ACID (MICROEQUIVALENTS 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	N 27
1	0	0	0	0	0	0	0	0	-	100	0	0	0	0	0	0	0	0	0
2	806	329	140	326	423	481	160	203	-	81	0	0	0	0	529	702	1211	351	0
3	439	126	180	362	788	298	301	150	-294	185	0	0	0	194	76	306	511	263	398
4	513	27	265	451	892	153	195	60	-41	0	299	907	46	175	474	628	339	638	31
5	0	0	0	0	0	0	0	-	0	1	0	0	0	0	0	0	-25	0	0
6	1159	1086	290	503	1439	792	1350	423	0	0	0	0	0	88	426	729	368	634	80
7	951	576	138	448	1255	285	1551	353	0	0	67	722	0	150	563	689	0	571	122
8	0	8	586	12	0	134	36	0	0	0	60	344	112	84	20	46	0	0	7
9	0	0	0	119	118	14	0	0	15	24	0	0	0	0	0	0	0	0	0
10	0	0	0	80	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	54	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	-59	8	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	118	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	119	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	-	379	0	828	115	1071	1380	134	-306	0	0	0	0	0	0	0	756	-	260
24	312	0	214	0	3	-	20	-960	-	0	0	0	0	275	0	127	-21	381	0
25	0	0	0	-3	0	-	66	0	0	-	223	14	894	0	0	0	8	3	-37
26	-	0	78	0	-21	0	0	-	0	0	187	40	0	186	24	26	0	0	0
27	0	0	0	0	0	0	0	0	-	-	82	0	0	0	0	14	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	13	2	0	68	0	-238	0	0	0	0	0	0	0	195	0	0
31	0	0	0	-	5	-38	-8	0	-2616	22	0	0	0	0	0	7	87	0	0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MARCH 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 09	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-	-
2	1.00	0.94	-	2.85	-	-	0.54	-
3	1.10	0.68	0.92	0.46	-	-	0.51	0.59
4	1.52	0.75	0.77	1.04	0.63	2.60	0.71	0.37
5	-	-	-	-	-	-	-	-
6	0.66	0.16	0.29	0.38	-	-	0.36	0.32
7	0.89	0.41	0.66	0.38	0.66	1.05	0.31	0.33
8	-	0.36	0.41	-	0.49	0.60	-	-
9	-	1.38	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	0.67	1.06	2.71	-	-	-	1.47
24	1.30	-	0.11	1.07	-	-	0.87	-
25	-	0.06	0.09	-	0.90	-	-	0.27
26	-	-	-	0.23	0.64	0.57	-	-
27	-	-	-	-	0.42	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	0.17	-	-	-	-	-
31	-	0.08	0.06	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MARCH 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 09	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-	-
2	1.15	1.09	-	1.47	-	-	0.80	-
3	1.00	0.93	0.96	0.37	-	-	0.65	0.53
4	1.30	0.94	1.44	1.27	0.53	3.93	0.85	0.32
5	-	-	-	-	-	-	-	-
6	0.83	0.15	0.10	0.45	-	-	0.62	0.10
7	0.72	0.16	0.29	0.25	1.37	0.85	0.31	0.04
8	-	0.25	0.04	-	0.56	0.29	-	-
9	-	0.48	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-
23	-	0.58	0.57	1.75	-	-	-	0.51
24	1.05	-	0.19	0.93	-	-	0.65	-
25	-	0.59	0.14	-	0.82	-	-	0.29
26	-	-	-	0.93	0.37	0.25	-	-
27	-	-	-	-	0.64	-	-	-
28	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-
30	-	-	0.04	-	-	-	-	-
31	-	0.46	0.16	-	-	-	-	-



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MARCH 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	05.80	0.54	0.10
3	38.63	0.30	0.18
4	13.11	1.22	0.14
5	-	-	-
6	58.65	0.19	0.05
7	51.11	0.19	0.04
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	-	-	-
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-
23	0.00	2.55	-
24	11.69	5.36	0.29
25	-	-	0.16
26	0.00	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	-
31	-	-	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - APRIL 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 03	FINSLAND	PA	58 19 N	7 35 E	275
3	N 05	GJERSTAD	P	58 53 N	8 57 E	240
4	N 06	LISTA	P	58 03 N	7 27 E	138
5	N 07	MANDAL	P	58 03 N	7 27 E	138
6	N 08	SKREDALEN	P	58 49 N	6 43 E	475
7	N 09	SØYLAND	PA	58 41 N	5 59 E	263
8	N 10	TOVDAL	P	58 48 N	8 14 E	227
9	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
10	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
11	N 16	TAGMYRA	P	61 25 N	12 04 E	536
12	N 18	LØKEN	P	59 48 N	11 27 E	150
13	N 19	BISLINGEN	P	60 14 N	10 37 E	680
14	N 20	GRIMELID	P	60 08 N	9 36 E	367
15	N 22	VASSER	PA	59 04 N	10 26 E	35
16	N 23	LYNGØR	PA	58 38 N	9 08 E	20
17	N 24	FITJAR	P	59 55 N	5 19 E	20
18	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
19	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
20	N 27	VATNEALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

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	N 26	N 27
1	0.0	1.8	0.0	0.3	0.4	2.2	9.6	0.0	2.0	0.2	0.6	0.5	0.0	0.0	0.0	0.0	1.2	-	1.3	0.0
2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.6	0.0	0.5	-	0.0	0.6
7	7.0	11.7	6.7	6.8	5.7	4.5	12.0	0.0	0.0	0.5	0.0	5.0	3.9	3.8	2.2	2.5	1.2	-	6.0	0.0
8	16.2	6.8	4.6	3.4	5.4	0.0	0.0	8.7	0.0	0.5	7.5	1.0	0.0	5.3	5.1	6.7	0.0	-	4.6	0.0
9	0.0	0.0	0.0	10.2	2.9	2.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	-	0.6	1.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
11	0.0	0.0	0.0	1.2	2.2	2.9	3.1	0.0	5.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	16.7	-	0.0	0.6
12	0.5	0.0	0.0	1.6	1.3	3.2	3.2	0.0	6.4	0.0	0.4	7.0	0.0	0.0	2.9	0.0	2.5	-	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
14	3.5	1.4	0.0	0.7	7.2	0.0	0.0	1.5	0.0	1.1	0.0	0.0	0.0	0.4	0.0	1.9	0.2	-	0.9	0.0
15	1.2	0.0	1.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
18	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
19	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
20	0.0	0.5	0.0	6.4	0.9	1.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	-	0.0	0.0
21	6.3	7.5	9.7	20.4	15.7	19.5	18.4	11.1	0.0	0.2	0.0	0.0	0.0	0.5	4.1	4.1	10.2	-	7.6	6.2
22	5.9	3.7	1.3	5.4	5.3	0.0	1.2	2.0	8.3	2.8	0.0	0.0	0.0	0.0	2.2	5.2	0.0	-	0.9	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	7.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	4.6	-	0.0	1.2
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
26	0.0	0.0	0.0	1.4	0.4	3.3	5.9	0.0	2.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	7.6	-	0.0	0.2
27	0.0	0.0	0.0	0.0	0.0	3.5	2.6	0.0	17.3	12.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	-	0.0	4.1
28	7.4	14.6	4.3	12.0	8.9	19.9	15.0	10.7	2.9	2.5	0.0	0.0	0.0	2.7	0.0	4.0	11.8	-	8.7	5.3
29	0.2	0.4	2.5	0.0	0.0	3.5	4.0	2.0	2.7	6.5	5.0	0.0	9.5	8.3	8.6	4.1	25.3	-	3.8	3.0
30	3.5	1.6	1.8	0.0	0.0	14.6	0.9	4.5	0.0	1.2	5.1	8.9	3.6	0.0	0.0	3.7	0.0	-	1.6	1.5

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

OFFICIAL PRECIPITATION DATA (MM)

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	N 26	N 27
1	-	2.0	0.0	1.5	0.1	2.4	9.6	0.0	2.6	0.2	0.8	-	-	0.0	-	0.0	1.5	-	-	-
2	-	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
3	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	-	-	0.0	-	0.0	0.0	-	-	-
5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-	-	0.0	-	0.0	0.5	-	-	-
7	-	12.5	6.6	7.1	6.0	4.6	12.0	0.0	0.0	0.5	0.0	-	-	3.2	-	2.7	1.7	-	-	-
8	-	7.5	4.5	3.6	5.8	0.0	0.0	9.0	0.0	0.5	7.5	-	-	4.9	-	7.4	0.0	-	-	-
9	-	0.0	0.0	10.6	3.5	2.3	6.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.1	-	-	-
10	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
11	-	0.0	0.0	1.3	2.5	3.1	3.1	0.0	8.5	0.1	0.0	-	-	0.0	-	0.0	18.5	-	-	-
12	-	0.0	0.0	4.0	2.5	3.8	3.2	0.0	6.6	0.0	0.5	-	-	0.0	-	0.0	3.3	-	-	-
13	-	0.0	0.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
14	-	2.0	0.0	0.6	5.0	0.0	0.0	1.5	0.0	1.1	0.0	-	-	0.1	-	0.8	0.4	-	-	-
15	-	0.0	1.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	1.0	0.0	-	-	-
16	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
17	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
18	-	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
19	-	0.0	0.0	6.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
20	-	0.5	0.0	5.9	1.0	1.3	1.2	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	5.0	-	-	-
21	-	7.0	9.5	19.8	12.9	19.1	18.4	10.2	0.0	0.2	0.0	-	-	0.3	-	5.7	11.0	-	-	-
22	-	3.5	1.1	5.3	6.0	0.0	1.2	2.3	8.6	2.8	0.0	-	-	0.0	-	5.0	0.0	-	-	-
23	-	0.0	0.0	0.0	0.0	0.0	0.7	0.0	8.2	4.6	0.0	-	-	0.0	-	0.0	3.3	-	-	-
24	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	4.6	0.0	-	-	0.0	-	0.0	0.0	-	-	-
25	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	1.8	0.0	-	-	0.0	-	0.0	0.0	-	-	-
26	-	0.0	0.0	1.3	0.5	3.5	5.9	0.0	3.6	2.2	0.0	-	-	0.0	-	0.0	8.0	-	-	-
27	-	0.0	0.0	0.0	0.2	3.6	2.6	0.0	19.6	12.0	0.0	-	-	0.0	-	0.0	3.1	-	-	-
28	-	14.5	4.0	11.2	8.8	19.4	15.0	10.6	3.2	2.5	0.0	-	-	2.6	-	3.7	13.0	-	-	-
29	-	0.5	2.4	0.2	0.0	3.5	4.0	2.0	2.7	6.5	5.2	-	-	7.7	-	3.4	25.5	-	-	-
30	-	1.6	2.3	0.0	0.0	13.9	0.9	4.5	0.2	1.2	5.2	-	-	0.0	-	4.0	0.0	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA APRIL 75

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	N 26	N 27
1	-	0.07	-	-	0.40	0.18	0.53	-	0.07	-	0.08	0.15	-	-	-	-	1.45	0.16	0.04	-
2	-	-	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	-	-
4	-	-	-	-	-	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	0.29	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	0.12	-	-	-	-	0.38	-	-	-	-	0.32
7	0.33	0.21	0.24	0.67	0.72	0.04	0.19	-	-	0.09	-	0.08	0.14	0.01	0.49	1.99	0.44	0.03	0.07	-
8	0.06	0.03	0.10	0.09	0.13	-	-	0.10	-	0.19	0.03	0.10	-	0.01	0.21	0.85	-	0.19	0.04	-
9	-	-	-	0.25	0.03	0.02	0.12	-	-	-	-	-	-	-	0.29	-	-	0.51	-	0.02
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	0.14	0.09	0.02	0.19	-	0.11	-	-	-	-	-	-	-	0.08	-	-	0.06
12	-	-	-	0.82	0.10	1.04	1.10	-	0.11	-	0.21	0.02	-	-	0.23	-	3.54	0.18	-	-
13	-	-	-	-	-	0.19	1.48	-	-	-	-	-	-	-	-	-	-	0.46	-	-
14	0.08	0.08	-	0.83	0.10	-	-	0.28	-	0.29	-	-	-	0.06	-	2.33	-	-	0.07	-
15	0.10	-	0.12	-	0.06	-	-	-	-	-	-	-	-	-	-	2.13	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	2.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	0.40	-	0.23	0.60	0.12	0.80	-	-	-	-	-	-	-	-	-	0.30	-	-	-
21	0.07	0.05	0.03	0.20	0.08	0.03	0.10	0.03	-	-	-	-	-	0.07	0.24	0.44	0.05	-	0.02	0.07
22	0.02	0.03	0.05	0.07	0.04	-	0.22	0.03	0.28	0.06	-	-	-	-	0.23	0.49	-	-	-	-
23	-	-	-	-	-	-	0.43	-	0.60	0.04	-	-	-	-	-	-	0.07	0.15	-	0.36
24	-	-	-	-	-	-	-	-	0.25	0.05	-	-	-	-	-	-	-	0.21	-	-
25	-	-	-	-	-	-	-	-	0.26	0.13	-	-	-	-	-	-	-	0.21	-	-
26	-	-	-	1.30	-	0.33	0.24	-	0.30	0.53	-	-	-	-	-	-	0.02	-	-	0.51
27	-	-	-	-	-	0.46	0.72	-	0.37	0.06	-	-	-	-	-	-	1.15	-	-	0.13
28	0.14	0.10	0.18	0.20	0.13	0.07	0.14	0.08	0.21	1.16	-	-	-	0.09	-	1.53	0.13	0.05	0.11	0.03
29	-	0.43	0.89	-	-	0.19	0.28	0.30	0.21	0.04	0.41	-	0.06	0.15	0.66	0.92	0.08	0.29	0.19	0.13
30	0.24	0.33	0.08	-	-	0.06	0.79	0.05	-	0.12	0.03	0.03	0.06	-	-	0.88	-	-	0.10	0.09

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA APRIL 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

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	N 26	N 27
1	-	2.1	-	12.9	3.1	5.9	1.0	-	0.6	-	2.5	3.7	-	-	-	-	1.2	4.2	2.0	-
2	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	-	-
4	-	-	-	-	-	-	-	-	-	3.0	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	1.5	-	-	7.1
7	8.2	6.2	6.7	5.1	7.8	5.2	5.8	-	-	2.7	-	8.8	7.4	3.9	6.6	13.1	4.8	14.9	5.0	-
8	2.9	2.5	4.0	3.4	6.3	-	-	6.8	-	4.3	3.7	6.8	-	7.2	3.8	3.6	-	3.8	2.9	-
9	-	-	-	3.4	6.7	1.8	3.2	-	-	-	-	-	-	-	7.0	-	-	2.8	3.7	0.9
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	3.3	6.1	0.7	2.3	-	2.6	-	-	-	-	-	-	-	1.2	-	-	2.6
12	-	-	-	0.5	5.2	0.2	1.0	-	2.6	-	8.3	1.5	-	-	2.5	-	8.8	2.8	-	-
13	-	-	-	-	-	3.2	1.9	-	-	-	-	-	-	-	-	-	-	2.0	-	-
14	3.9	3.3	-	8.3	2.6	-	-	4.2	-	0.9	-	-	-	2.0	-	9.4	-	-	1.5	-
15	4.7	-	4.8	-	2.7	-	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	15.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	3.2	-	8.5	26.2	5.9	11.5	-	-	-	-	-	-	-	-	-	3.1	-	-	-
21	3.6	3.6	1.6	3.3	4.8	1.4	2.5	1.9	-	3.6	-	-	-	3.5	4.6	2.7	3.6	-	1.5	2.4
22	3.9	4.4	1.5	2.9	6.1	-	6.7	1.3	0.9	1.2	-	-	-	-	2.1	2.9	-	-	1.6	-
23	-	-	-	-	-	-	5.0	-	0.7	0.8	-	-	-	-	-	-	4.5	3.0	-	3.6
24	-	-	-	-	-	-	-	-	1.4	0.5	-	-	-	-	-	-	-	0.8	-	-
25	-	-	-	-	-	-	-	-	1.9	0.6	-	-	-	-	-	-	-	1.1	-	-
26	-	-	-	3.6	-	2.2	3.4	-	0.3	0.7	-	-	-	-	-	-	1.5	-	-	2.8
27	-	-	-	-	-	0.5	1.0	-	0.3	0.2	-	-	-	-	-	-	1.1	-	-	0.5
28	12.5	7.0	5.9	5.3	8.0	4.5	3.6	5.2	3.3	0.9	-	-	-	2.4	-	20.5	2.9	4.1	4.0	2.3
29	-	13.8	10.6	-	-	15.8	8.9	14.1	3.8	6.7	7.2	-	5.3	8.2	7.3	6.0	3.4	31.3	13.6	17.4
30	5.3	5.3	3.1	-	-	2.6	-	3.0	-	1.4	3.4	4.6	5.3	-	-	4.9	-	-	5.8	2.5

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

PH IN PRECIPITATION

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	N 26	N 27
1	-	5.90	-	5.10	5.75	6.30	5.10	-	7.10	-	5.60	5.85	-	-	-	-	5.30	4.50	4.50	-
2	-	-	4.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00	-	-
4	-	-	-	-	-	-	-	-	-	5.10	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	4.80	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90	-	-	-	-	4.00
7	3.80	3.95	3.90	3.90	3.85	4.00	4.20	-	-	4.40	-	3.85	6.00	4.10	3.60	3.70	4.60	3.70	3.95	-
8	4.30	5.00	4.20	4.20	4.35	-	-	3.80	-	-	4.10	3.95	-	3.85	4.40	4.35	-	5.30	4.10	-
9	-	-	-	4.20	4.20	4.90	4.60	-	-	-	-	-	-	-	4.60	-	-	5.05	3.95	4.70
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	4.05	4.35	4.90	5.10	-	4.55	-	-	-	-	-	-	-	4.80	-	-	4.90
12	-	-	-	4.20	4.10	6.00	5.80	-	4.55	-	6.40	4.85	-	-	4.55	-	4.90	5.00	-	-
13	-	-	-	-	-	4.20	-	-	-	-	-	-	-	-	-	-	-	5.60	-	-
14	4.20	5.10	-	4.00	4.50	-	-	6.00	-	5.00	-	-	-	4.20	-	4.20	-	-	4.40	-
15	4.10	-	4.10	-	5.30	-	-	-	-	-	-	-	-	-	-	4.20	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	4.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	3.90	3.75	4.20	5.90	-	-	-	-	-	-	-	-	-	4.40	-	-	-
21	4.25	4.10	4.50	4.00	3.95	4.65	4.85	4.50	-	-	-	-	-	4.55	4.20	4.40	4.50	-	4.40	4.45
22	4.10	4.20	5.20	4.25	4.05	-	6.30	4.85	5.10	4.90	-	-	-	-	4.75	4.25	-	-	4.50	-
23	-	-	-	-	-	-	6.08	-	6.20	5.10	-	-	-	-	-	-	4.45	4.60	-	5.60
24	-	-	-	-	-	-	-	-	5.00	5.25	-	-	-	-	-	-	-	6.10	-	-
25	-	-	-	-	-	-	-	-	5.30	5.00	-	-	-	-	-	-	-	6.35	-	-
26	-	-	-	4.05	-	4.80	4.65	-	5.20	5.20	-	-	-	-	-	-	5.50	-	-	-
27	-	-	-	-	-	5.10	6.00	-	6.30	5.20	-	-	-	-	-	-	6.00	-	-	5.40
28	3.80	3.90	4.15	4.00	3.85	4.10	4.30	4.05	5.80	4.85	-	-	-	4.60	-	3.60	4.15	4.45	4.30	4.30
29	-	3.70	3.80	-	-	3.55	3.90	3.60	4.40	3.85	4.40	-	4.10	3.90	4.00	3.90	4.25	3.70	3.70	3.50
30	3.95	3.90	4.10	-	-	4.30	4.30	4.10	-	4.85	4.25	4.10	4.10	-	-	4.50	-	-	3.90	4.20

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS 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	N 26	N 27
1	-	-10	-	8	-2	-70	17	-	-684	-	0	-3	-	-	-	-	4	46	26	-
2	-	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	274	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122	-	-
4	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125	-	-	-	-	100
7	178	144	125	125	140	100	125	-	-	40	-	140	-171	80	340	246	25	200	122	-
8	56	10	65	63	45	-	-	160	-	-	80	112	-	140	49	54	-	4	90	-
9	-	-	-	63	63	31	41	-	-	-	-	-	-	-	25	-	-	8	106	20
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	86	45	19	8	-	30	-	-	-	-	-	-	-	16	-	-	13
12	-	-	-	63	80	-5	-23	-	30	-	-	16	-	-	34	-	16	10	-	-
13	-	-	-	-	-	63	-	-	-	-	-	-	-	-	-	-	-	-12	-	-
14	69	8	-	100	32	-	-	-6	-	10	-	-	-	63	-	82	-	-	40	-
15	91	-	80	-	4	-	-	-	-	-	-	-	-	-	-	63	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	125	180	63	-4	-	-	-	-	-	-	-	-	-	47	-	-	-
21	72	102	38	100	112	36	15	42	-	-	-	-	-	28	76	55	39	-	47	35
22	93	75	5	56	89	-	-	14	6	1	-	-	-	-	16	68	-	-	32	-
23	-	-	-	-	-	-	-	-	-167	2	-	-	-	-	-	-	47	25	-	0
24	-	-	-	-	-	-	-	-	7	-2	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-1	10	-	-	-	-	-	-	-	-	-	-
26	-	-	-	89	-	12	20	-	2	5	-	-	-	-	-	-	-6	-	-	-
27	-	-	-	-	-	3	-21	-	65	-1	-	-	-	-	-	-	-15	-	-	6
28	174	145	71	100	140	80	65	89	-15	14	-	-	-	33	-	322	81	35	63	50
29	-	200	160	-	-	280	125	250	40	140	40	-	80	125	107	141	61	250	242	315
30	142	125	80	-	-	50	50	80	-	14	56	80	8	-	-	41	-	-	155	63

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	3	2	3	8	2	1	2
2	3	2	4	9	1	1	3
3	4	4	4	20	7	26	5
4	9	8	8	27	12	1	7
5	4	9	2	40	7	1	7
6	3	6	1	23	5	1	1
7	3	4	1	16	5	4	5
8	5	3	6	28	5	1	7
9	3	5	3	7	7	1	3
10	2	3	3	6	5	1	1
11	1	3	1	5	1	1	1
12	4	2	3	3	1	1	3
13	3	2	1	6	1	1	1
14	5	3	1	8	4	3	8
15	5	2	1	15	4	3	8
16	6	3	3	17	9	2	7
17	6	4	3	11	9	2	5
18	8	7	7	14	8	4	5
19	9	10	9	12	9	4	7
20	10	9	8	12	8	4	10
21	9	6	7	10	7	6	9
22	6	6	6	8	5	3	3
23	3	5	4	6	5	2	3
24	3	4	3	2	3	2	5
25	2	3	6	9	4	2	6
26	5	16	3	7	4	2	5
27	2	5	3	7	2	2	6
28	17	3	3	4	3	3	10
29	11	10	7	15	6	4	5
30	3	5	5	8	5	7	4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	0.5	1.0	0.9	0.9	-	0.4	0.5
2	1.5	1.5	1.2	3.2	1.1	2.8	1.7
3	5.7	0.0	5.4	7.2	9.5	3.3	2.8
4	6.7	9.2	6.3	7.5	8.8	2.3	5.0
5	5.3	10.5	7.8	6.1	6.7	0.9	3.6
6	5.6	6.4	1.6	-	7.4	1.0	3.7
7	5.3	5.3	1.3	-	12.3	3.8	4.1
8	7.8	8.7	3.8	9.8	9.8	2.1	7.2
9	3.0	3.9	3.5	2.2	4.1	0.5	2.2
10	1.5	1.9	1.2	1.2	1.9	0.3	1.2
11	1.8	2.1	1.5	2.2	2.1	0.6	1.2
12	0.9	1.0	1.5	1.6	2.3	0.4	0.8
13	0.7	0.7	1.5	1.0	0.7	0.4	0.5
14	0.9	1.0	1.0	1.6	2.3	0.3	0.6
15	1.9	1.5	2.4	2.3	3.2	1.1	1.7
16	3.4	2.5	2.5	4.8	1.9	0.2	2.6
17	6.1	5.9	4.7	6.7	2.8	1.5	3.8
18	5.6	3.6	6.0	5.1	0.1	2.7	3.1
19	4.1	3.3	3.9	0.1	4.3	3.2	2.9
20	6.5	4.3	3.2	3.7	3.0	2.2	2.9
21	8.0	5.0	1.7	6.3	5.4	3.2	5.0
22	3.9	3.0	3.6	6.6	2.4	1.7	2.8
23	2.8	2.2	3.3	6.1	1.1	0.7	2.0
24	1.3	0.3	2.0	0.9	1.0	0.1	1.0
25	1.3	0.9	1.3	1.3	1.7	0.1	1.0
26	0.9	0.8	1.7	2.5	1.7	0.7	0.8
27	0.8	0.8	1.1	0.8	0.7	0.2	0.3
28	1.7	1.4	1.3	1.9	2.1	0.9	0.6
29	21.1	17.8	11.2	28.7	19.2	1.6	10.1
30	4.0	4.8	3.6	6.2	4.9	0.5	3.5

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA APRIL 75

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	N 27
1	0	4	0	4	1	13	10	0	1	-	2	2	0	0	0	0	1	3	0
2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	-	0	0	0	0	5	0	1	0	4
7	57	72	45	35	44	23	69	0	0	1	0	44	29	15	14	33	6	30	0
8	47	17	19	12	34	0	0	59	0	2	28	7	0	38	19	24	0	14	0
9	0	0	0	34	20	4	19	0	0	0	0	0	0	0	4	0	0	2	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	4	14	2	7	0	15	-	0	0	0	0	0	0	20	0	2
12	-	0	0	1	7	1	3	0	17	0	3	10	0	0	7	0	22	0	0
13	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
14	14	5	0	6	19	0	0	6	0	1	0	0	0	1	0	18	-	1	0
15	6	0	8	0	4	0	0	0	0	0	0	0	0	0	0	9	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	2	0	55	23	8	14	0	0	0	0	0	0	0	0	0	14	0	0
21	23	27	15	68	75	28	46	21	0	1	0	0	0	2	19	11	37	11	15
22	23	16	2	16	32	0	8	3	8	3	0	0	0	0	5	15	0	2	0
23	0	0	0	0	0	0	3	0	6	4	0	0	0	0	0	0	21	0	4
24	0	0	0	0	0	0	0	0	23	2	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	15	1	0	0	0	0	0	0	0	0	0
26	0	0	0	5	-	7	20	0	1	2	0	0	0	0	0	0	11	0	0
27	0	0	0	0	0	2	3	0	5	2	0	0	0	0	0	0	2	0	2
28	92	102	25	63	71	90	54	56	10	2	0	0	0	6	0	82	34	35	12
29	-	6	26	0	0	55	35	29	10	43	36	0	50	69	63	25	87	52	52
30	19	8	6	0	0	38	-	14	0	2	17	41	19	0	0	18	0	9	4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA APRIL 75

PRECIPITATED ACID (MICROEQUIVALENTS 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	N 27
1	0	-18	0	3	-1	-156	163	0	-1350	-	0	-2	0	0	0	0	5	33	
2	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	-	0	0	0	0	72	0	-	0	6
7	1246	1678	844	855	793	452	1500	0	0	20	0	695	-664	300	736	626	30	730	
8	909	68	302	217	244	0	0	1385	0	-	598	114	0	749	250	361	0	418	
9	0	0	0	642	184	79	246	0	0	0	0	0	0	0	14	0	0	61	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	104	100	56	25	0	176	-	0	0	0	0	0	0	267	0	
12	-	0	0	100	102	-16	-74	0	191	0	-	112	0	0	97	0	41	0	
13	0	0	0	0	0	56	-	0	0	0	0	0	0	0	0	0	0	0	
14	242	11	0	70	230	0	0	-9	0	11	0	0	0	26	0	157	-	37	
15	110	0	132	0	6	0	0	0	0	0	0	0	0	0	0	82	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	294	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	-	0	804	160	84	-5	0	0	0	0	0	0	0	0	0	209	0	
21	454	766	370	2037	1754	701	276	468	0	-	0	0	0	14	314	226	397	359	
22	551	277	6	305	476	0	-	29	50	3	0	0	0	0	36	355	0	30	
23	0	0	0	0	0	0	-	0	-1318	9	0	0	0	0	0	0	217	0	
24	0	0	0	0	0	0	0	0	111	-9	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	-8	18	0	0	0	0	0	0	0	0	
26	0	0	0	122	-	40	118	0	6	11	0	0	0	0	0	0	-46	0	
27	0	0	0	0	0	11	-55	0	1126	-12	0	0	0	0	0	0	-35	0	
28	1285	2123	303	1197	1248	1594	975	952	-44	35	0	0	0	90	0	1291	954	547	
29	-	39	397	0	0	980	500	509	109	910	201	0	764	1042	920	574	1544	924	
30	497	199	148	0	0	732	45	357	0	17	283	713	29	0	0	153	0	247	

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 03	N 09	N 10	N 16	N 18	N 26	N 27
1	-	0.15	0.03	-	0.64	0.43	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	1.22
7	0.80	0.45	0.05	-	-	1.02	0.53	-
8	0.26	-	-	0.99	0.78	1.80	0.69	-
9	-	0.37	0.52	-	-	-	-	0.32
10	-	-	0.27	-	-	-	-	-
11	-	0.15	-	-	-	-	-	-
12	-	0.05	0.09	-	1.39	0.18	-	-
13	-	0.53	-	-	-	-	-	-
14	1.02	-	-	1.13	-	-	-	-
15	1.50	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	0.63	-	-	-	-	-	-
21	0.49	0.19	0.43	0.32	-	-	0.19	0.40
22	0.57	-	0.60	0.15	-	-	0.17	-
23	-	-	0.57	-	-	-	-	0.29
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	0.20	0.24	-	-	-	-	-
27	-	0.05	0.09	-	-	-	-	0.05
28	2.20	1.22	0.49	1.14	-	-	0.74	0.51
29	-	3.07	1.70	5.15	1.28	-	3.50	3.42
30	1.19	0.44	-	0.90	0.40	0.41	-	0.60

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 03	N 09	N 10	N 16	N 18	N 26	N 27
1	-	2.84	0.04	-	1.12	0.47	-	-
2	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	0.99
7	0.82	0.47	0.07	-	-	1.36	0.45	-
8	0.66	-	-	0.93	0.37	1.36	0.35	-
9	-	0.09	0.65	-	-	-	-	0.13
10	-	-	0.43	-	-	-	-	-
11	-	0.19	-	-	-	-	-	-
12	-	0.04	0.11	-	1.22	0.21	-	-
13	-	0.28	-	-	-	-	-	-
14	0.58	-	-	0.79	-	-	-	-
15	0.84	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-
20	-	0.89	-	-	-	-	-	-
21	0.40	0.04	0.73	0.34	-	-	0.09	0.21
22	0.76	-	1.35	0.04	-	-	0.13	-
23	-	-	1.63	-	-	-	-	0.70
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	0.28	0.41	-	-	-	-	-
27	-	0.12	0.10	-	-	-	-	0.10
28	2.70	1.28	0.62	1.56	-	-	1.05	0.40
29	-	3.78	1.68	5.02	1.94	-	3.10	4.32
30	0.70	0.38	-	0.41	0.45	0.44	-	0.25



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

APRIL 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	0.23
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	0.26	-	0.17
8	0.07	0.33	0.12
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	0.17	3.62	0.25
15	0.13	-	-
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	0.22	0.14	0.07
22	0.10	0.27	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	0.52	0.33	0.31
29	-	2.61	1.28
30	0.48	0.23	0.55

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - MAY 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS			LOCATIONS			
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 03	FINSLAND	PA	58 19 N	7 35 E	275
3	N 05	GJERSTAD	P	58 53 N	8 57 E	240
4	N 06	LISTA	P	58 03 N	7 27 E	138
5	N 07	MANDAL	P	58 03 N	7 27 E	138
6	N 08	SKREADALEN	P	58 49 N	6 43 E	475
7	N 09	SØYLAND	PA	58 41 N	5 59 E	263
8	N 10	TOVDAL	P	58 48 N	8 14 E	227
9	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
10	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
11	N 16	TAGMYRA	P	61 25 N	12 04 E	536
12	N 18	LØKEN	P	59 48 N	11 27 E	150
13	N 19	BISLINGEN	P	60 14 N	10 37 E	680
14	N 20	GRIMELID	P	60 08 N	9 36 E	367
15	N 22	VASSER	PA	59 04 N	10 26 E	35
16	N 23	LYNGØR	PA	58 38 N	9 08 E	20
17	N 24	FITJAR	P	59 55 N	5 19 E	20
18	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
19	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
20	N 27	VATNEDALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY

75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

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	N 26	N 27
1	18.1	14.8	7.6	8.6	8.5	27.1	23.5	14.7	6.7	1.1	3.3	13.0	0.0	5.5	10.9	4.3	16.2	-	13.1	11.1
2	16.6	14.9	1.4	6.9	6.6	20.1	15.0	0.4	0.5	13.6	0.0	0.0	0.0	0.0	0.0	3.0	6.6	-	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
9	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.1	0.0
10	18.0	24.5	7.4	11.0	14.3	18.1	19.0	9.2	0.0	0.0	0.8	2.0	7.1	6.1	1.3	0.0	16.4	-	10.3	0.0
11	5.1	4.0	3.5	3.1	5.2	3.2	6.0	3.4	9.4	5.1	2.5	0.0	0.0	1.3	0.4	0.8	4.8	-	5.4	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.7	0.0	9.4	0.0	0.0	0.0	0.0	-	0.0	0.0
13	8.3	8.0	5.4	7.5	11.7	6.7	2.6	4.6	5.4	0.0	1.7	3.9	0.0	3.9	2.5	6.0	7.6	-	5.7	0.0
14	13.1	11.1	18.1	5.9	8.8	9.0	11.0	15.5	1.8	4.4	0.0	2.2	0.0	5.1	2.4	9.0	7.9	-	21.5	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.7	0.0	0.0	0.0	3.8	0.0	0.0	2.4	-	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
17	1.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	-	0.0	0.0
18	3.9	4.1	5.1	2.8	0.0	6.1	4.1	4.8	0.0	0.0	1.9	0.0	9.1	4.5	8.0	2.8	0.5	-	5.1	0.0
19	4.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
20	0.0	0.0	0.0	0.3	0.0	15.2	16.0	0.0	13.8	7.3	2.8	0.0	0.0	0.0	0.0	0.0	6.4	-	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	6.4	8.2	0.0	13.9	18.5	0.0	0.0	0.0	0.0	1.0	0.0	0.3	-	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.2	2.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	7.1	6.5	0.0	5.3	-	2.8	0.8	0.0	0.3	-	0.0	0.0
29	6.5	8.0	2.6	0.0	1.6	0.3	0.0	1.0	6.4	0.7	0.0	0.0	-	0.0	0.0	0.0	0.4	-	0.0	0.0
30	0.5	0.9	1.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.0	-	0.6	1.1	0.0	0.0	-	0.0	0.0
31	1.7	0.3	1.5	0.0	0.0	2.9	2.5	1.6	5.6	0.0	0.3	0.0	-	0.0	1.0	0.7	0.0	-	0.0	0.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY

75

OFFICIAL PRECIPITATION DATA (MM)

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	N 26	N 27
1	-	18.7	7.5	11.3	8.5	26.6	23.5	12.9	7.5	1.1	3.6	-	-	5.6	-	4.7	17.0	-	-	-
2	-	16.5	1.9	7.9	6.5	16.0	15.0	2.7	0.7	13.6	0.0	-	-	0.0	-	2.1	7.1	-	-	-
3	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-	-	0.0	-	0.0	0.0	-	-	-
4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	-	-	0.0	-	0.0	0.0	-	-	-
5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
9	-	0.0	1.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
10	-	24.5	7.5	10.6	14.5	17.1	19.0	10.1	0.0	0.0	0.7	-	-	5.4	-	0.0	17.0	-	-	-
11	-	4.0	3.3	3.3	5.8	3.0	6.0	3.9	9.7	5.1	2.6	-	-	1.5	-	1.2	5.4	-	-	-
12	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.5	-	-	0.0	-	0.0	0.0	-	-	-
13	-	8.5	5.5	7.0	11.6	6.4	2.6	5.1	5.6	0.0	1.5	-	-	3.4	-	6.4	8.4	-	-	-
14	-	9.5	17.5	5.8	8.9	8.9	11.0	15.6	2.0	4.4	0.0	-	-	5.0	-	10.7	8.3	-	-	-
15	-	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.7	0.0	-	-	4.5	-	0.0	3.0	-	-	-
16	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	-	-	0.0	-	0.0	0.1	-	-	-
17	-	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.1	0.0	-	-	0.0	-	0.0	0.0	-	-	-
18	-	4.0	4.9	2.9	0.3	4.9	4.1	5.3	0.0	0.0	1.6	-	-	6.3	-	3.8	1.0	-	-	-
19	-	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	-	-	0.0	-	0.0	0.0	-	-	-
20	-	0.0	0.0	0.4	0.0	14.8	16.0	0.0	14.1	7.3	2.8	-	-	0.0	-	0.0	7.6	-	-	-
21	-	0.0	0.0	0.0	0.0	6.9	8.2	0.0	14.1	18.5	0.0	-	-	0.0	-	0.0	0.5	-	-	-
22	-	0.0	0.0	0.0	0.0	0.2	2.0	0.0	1.9	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
23	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-	-	0.0	-	0.0	0.0	-	-	-
24	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	-	0.0	-	0.0	0.0	-	-	-
25	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-	-	0.0	-	0.0	0.0	-	-	-
26	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
27	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	-	-	0.0	-	0.0	0.0	-	-	-
28	-	0.0	0.0	0.0	0.0	0.0	0.9	0.0	7.1	6.5	0.0	-	-	2.5	-	0.0	0.5	-	-	-
29	-	4.0	2.9	0.0	1.9	0.4	0.0	1.2	6.3	0.7	0.0	-	-	0.0	-	0.0	0.7	-	-	-
30	-	5.5	0.9	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.3	-	-	1.0	-	0.0	0.0	-	-	-
31	-	0.4	1.4	0.0	0.0	3.0	2.5	2.1	5.6	0.0	0.3	-	-	0.0	-	0.7	0.0	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MAY 75

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	N 26	N 27
1	0.25	0.17	0.19	1.49	0.53	0.04	0.20	0.05	0.06	0.13	0.06	0.07	-	0.11	0.36	3.98	0.14	0.07	0.07	0.02
2	0.07	0.09	0.15	1.63	1.07	0.05	0.37	0.17	0.08	0.02	-	-	-	-	-	1.19	0.18	0.35	0.02	0.03
3	-	-	-	-	-	-	-	-	-	1.13	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	0.05	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	0.47	-	-	-	-	0.85	-	-	-	-	-	-	-	-	-	-	0.58	0.23
10	0.10	0.05	0.18	0.30	0.23	0.03	0.28	0.15	-	-	0.77	0.26	0.20	0.10	0.47	-	0.07	-	0.11	0.11
11	0.08	0.08	0.11	0.56	0.22	0.03	0.17	0.04	0.03	0.01	0.20	-	-	0.01	0.93	4.78	0.13	0.06	0.03	0.08
12	-	-	-	-	-	-	-	-	-	-	0.09	-	0.01	-	-	-	-	-	-	-
13	0.03	0.03	0.03	0.19	0.10	0.02	0.30	0.03	0.05	-	0.04	0.08	-	0.01	0.46	1.91	0.07	0.05	0.03	0.01
14	0.08	0.05	0.07	0.10	0.07	0.04	0.07	0.06	0.03	0.01	-	0.08	-	0.01	0.33	0.40	0.04	-	0.06	0.01
15	-	-	-	-	-	-	-	-	-	0.06	-	-	-	0.06	-	-	0.13	-	-	-
16	-	-	-	-	-	-	-	-	-	0.01	-	-	-	-	-	-	-	-	-	-
17	0.09	-	-	-	0.02	-	-	-	-	-	-	-	-	-	0.60	-	-	-	-	-
18	0.03	0.01	0.07	0.06	-	0.02	0.19	0.03	-	-	0.16	-	0.09	0.06	0.15	0.56	0.25	-	0.06	0.01
19	0.03	0.02	-	-	-	-	-	-	-	-	0.06	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	0.08	1.33	-	0.01	0.01	0.01	-	-	-	-	-	0.87	0.04	-	0.14
21	-	-	-	-	-	0.20	1.79	-	0.02	0.01	-	-	-	-	0.22	-	-	0.02	-	0.13
22	-	-	-	-	-	0.74	1.58	-	0.11	-	-	-	-	-	-	-	-	0.03	-	0.04
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.19	-	-
24	-	-	-	-	-	-	-	-	-	0.08	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	0.13	-	-	-	-	-	-	-	0.16	-	-
28	-	-	-	-	-	-	1.30	-	-	0.06	-	0.03	-	0.03	0.49	-	-	0.10	-	-
29	0.07	0.08	0.10	-	0.16	0.55	-	0.12	0.06	0.07	-	-	-	-	-	-	1.32	0.08	-	-
30	0.11	0.06	0.13	-	-	0.07	-	-	-	-	-	-	-	0.03	0.20	-	-	-	-	0.02
31	0.06	0.03	0.06	-	-	0.13	0.70	0.04	0.01	-	0.30	-	-	-	2.55	3.51	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MAY 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

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	N 26	N 27
1	4.3	2.8	3.4	1.8	3.4	1.7	3.3	2.1	0.9	3.3	2.4	2.1	-	4.7	3.4	1.8	2.1	4.2	3.2	1.2
2	0.6	0.6	1.3	0.7	1.5	0.3	1.0	0.7	0.3	1.0	-	-	-	-	-	1.9	1.0	-	-	0.5
3	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5
9	-	-	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	5.4
10	10.7	6.6	10.3	11.8	7.3	4.1	6.6	16.6	-	-	18.3	12.1	4.2	7.3	13.3	-	3.3	-	9.7	4.9
11	7.3	4.3	10.3	6.2	3.7	1.6	1.7	6.7	1.9	1.9	7.7	-	-	3.4	33.3	65.0	2.0	2.7	5.8	4.5
12	-	-	-	-	-	-	-	-	-	-	5.4	-	6.9	-	-	-	-	-	-	-
13	5.0	5.9	5.3	8.6	7.0	4.8	9.6	4.9	1.2	-	4.7	8.4	-	2.1	8.0	10.0	5.7	9.8	4.0	2.5
14	7.8	6.8	7.2	5.5	8.0	7.9	6.3	6.8	2.5	0.4	-	16.3	-	4.6	8.6	11.6	3.1	-	6.5	4.3
15	-	-	-	-	-	-	16.2	-	-	6.6	-	-	-	6.6	-	-	22.7	-	-	-
16	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	7.5	-	-	-
17	14.8	-	-	-	4.3	-	-	-	-	-	-	-	-	-	23.9	-	-	-	-	-
18	4.0	2.5	12.3	5.7	-	8.5	8.6	8.5	-	-	23.7	-	10.6	6.6	6.9	19.5	5.6	-	9.5	4.6
19	3.7	3.3	-	-	-	-	-	-	-	-	7.8	-	-	-	-	-	-	-	-	-
20	-	-	-	19.5	-	0.7	2.2	-	0.1	1.5	2.7	-	-	-	-	-	1.2	0.8	-	0.6
21	-	-	-	-	-	0.9	1.7	-	0.1	0.7	-	-	-	-	2.2	-	12.0	0.4	-	1.1
22	-	-	-	-	-	2.1	1.7	-	0.1	-	-	-	-	-	-	-	-	0.4	-	0.1
23	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	1.3	-	-
24	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	2.2	-	-
28	-	-	-	-	-	0.0	-	-	-	0.0	-	0.7	-	1.0	5.9	-	14.2	1.4	-	-
29	0.8	1.0	3.2	-	1.3	3.5	-	6.3	0.0	0.0	-	-	-	-	-	-	1.3	1.2	-	1.1
30	1.4	0.9	2.9	-	-	0.8	-	-	-	-	-	-	-	1.0	2.7	-	-	-	-	0.1
31	2.4	0.1	1.8	-	-	0.9	2.0	1.6	0.1	-	3.1	-	-	-	7.9	7.7	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MAY 75

PH IN PRECIPITATION

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	N 26	N 27
1	4.00	4.20	4.15	4.30	4.35	4.50	4.10	4.35	5.50	4.30	5.00	4.40	-	4.00	4.20	4.10	4.30	5.10	4.20	4.70
2	4.70	4.80	5.70	4.55	4.35	4.90	4.60	5.30	6.35	4.85	-	-	-	-	-	4.95	5.35	6.30	-	4.95
3	-	-	-	-	-	-	-	-	-	6.60	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	5.15	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	6.50	-	-	-	-	6.30	-	-	-	-	-	-	-	-	-	-	6.20	6.00
10	3.75	4.00	4.10	3.75	3.90	4.20	6.80	4.00	-	-	6.50	6.30	4.50	4.20	6.50	-	5.00	-	3.90	4.40
11	3.80	4.45	3.75	4.20	4.40	4.80	6.00	3.90	4.90	4.50	4.40	-	-	4.30	3.35	3.50	6.10	4.50	4.00	4.40
12	-	-	-	-	-	-	-	-	-	-	4.45	-	3.90	-	-	-	-	-	-	-
13	4.00	3.90	4.10	3.80	3.95	4.10	7.20	4.10	5.10	-	4.30	4.10	-	4.55	3.90	3.85	3.90	4.00	4.10	4.40
14	3.90	4.00	3.90	3.90	3.90	4.05	4.00	3.90	5.70	5.00	-	3.65	-	4.10	3.90	3.65	4.30	-	4.00	4.15
15	-	-	-	-	-	-	-	-	-	4.20	-	-	-	4.10	-	-	3.35	-	-	-
16	-	-	-	-	-	-	-	-	-	5.15	-	-	-	-	-	-	-	-	-	-
17	3.80	-	-	-	4.20	-	-	-	-	-	-	-	-	-	6.90	-	-	-	-	-
18	4.15	4.65	3.80	4.10	-	4.00	4.20	4.00	-	-	3.70	-	3.90	4.00	4.20	3.60	4.45	-	3.80	4.20
19	4.20	4.40	-	-	-	-	-	-	-	-	4.20	-	-	-	-	-	-	-	-	-
20	-	-	-	4.80	-	5.50	6.40	-	5.70	4.60	5.10	-	-	-	-	-	4.65	6.40	-	5.60
21	-	-	-	-	-	5.50	5.10	-	6.30	5.00	-	-	-	-	4.85	-	-	6.30	-	5.65
22	-	-	-	-	-	5.50	6.80	-	6.70	-	-	-	-	-	-	-	-	6.45	-	5.65
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.60	-	-
24	-	-	-	-	-	-	-	-	-	4.90	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	4.80	-	-	-	-	-	-	-	5.00	-	-
28	-	-	-	-	-	-	7.00	-	-	5.40	-	5.60	-	5.60	5.00	-	7.30	5.20	-	-
29	4.80	6.70	5.10	-	4.85	6.75	-	6.20	6.30	5.40	-	-	-	-	-	-	5.50	5.70	-	-
30	4.95	6.10	6.20	-	-	6.10	-	-	-	-	-	-	-	5.40	4.80	-	-	-	-	5.90
31	4.50	6.40	4.90	-	-	6.20	6.45	5.00	6.20	-	6.30	-	-	-	4.65	5.10	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA MAY 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS 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	N 26	N 27
1	113	67	71	50	45	32	89	45	-2	50	29	40	-	100	60	95	54	8	76	19
2	20	13	0	35	45	11	27	4	-	13	-	-	-	-	-	9	2	-68	-	11
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-6
10	198	138	80	180	125	63	-	104	-	-	-	-120	38	63	-	-	7	-	160	40
11	182	37	180	63	40	13	-17	125	14	38	40	-	-	50	445	315	-21	32	130	40
12	-	-	-	-	-	-	-	-	-	-	35	-	125	-	-	-	-	-	-	-
13	116	140	80	160	112	80	-	80	0	-	50	80	-	36	141	165	144	112	102	40
14	147	117	125	125	125	89	112	125	-8	11	-	225	-	80	162	305	47	-	130	70
15	-	-	-	-	-	-	-	-	-	63	-	-	-	80	-	-	520	-	-	-
16	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-
17	196	-	-	-	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	93	22	160	80	-	100	63	100	-	-	200	-	125	100	51	315	35	-	185	6
19	75	51	-	-	-	-	-	-	-	-	63	-	-	-	-	-	-	-	-	-
20	-	-	-	16	-	-2	-	-	0	28	7	-	-	-	-	-	30	-156	-	-
21	-	-	-	-	-	-6	0	-	-26	10	-	-	-	-	14	-	-	-78	-	-
22	-	-	-	-	-	0	-	-	-126	-	-	-	-	-	-	-	-	-104	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	10	-	-
28	-	-	-	-	-	-	-	-	-	0	-	-7	-	-4	10	-	-	8	-	-
29	14	-	6	-	14	-	-	-10	-46	2	-	-	-	-	-	-	0	-10	-	-
30	11	-	-10	-	-	-8	-	-	-	-	-	-	-	2	16	-	-	-	-	-
31	32	-	13	-	-	-56	-	10	-32	-	-15	-	-	-	22	3	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY

75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	3	4	4	4	4	4	4
2	7	4	3	6	1	3	7
3	5	4	3	8	2	2	3
4	4	3	3	7	2	2	3
5	6	8	4	9	3	1	3
6	5	5	4	18	5	-	3
7	5	5	3	15	8	5	4
8	9	7	5	19	6	6	5
9	6	7	5	19	11	7	4
10	6	5	2	13	5	5	4
11	6	2	1	9	4	6	6
12	5	2	3	10	3	5	3
13	8	5	2	11	10	4	4
14	8	5	5	16	7	3	5
15	7	4	7	8	8	4	4
16	8	6	3	2	6	4	4
17	6	5	4	17	4	16	2
18	4	3	-	11	2	4	3
19	3	2	-	5	3	3	5
20	4	4	-	6	4	1	2
21	2	5	3	5	7	2	4
22	2	3	2	3	4	2	3
23	1	2	3	4	4	9	2
24	7	3	4	8	5	3	3
25	6	3	3	7	4	2	2
26	5	4	4	7	5	3	7
27	4	3	4	7	3	3	4
28	3	2	3	3	7	2	3
29	2	1	3	3	-	2	4
30	2	2	3	3	-	2	3
31	3	13	5	3	10	3	3

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY

75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	3.1	2.5	1.9	14.1	6.7	0.8	2.3
2	0.5	0.6	0.7	2.3	1.3	-	-
3	1.0	0.6	1.1	15.4	1.4	0.3	0.4
4	0.9	0.8	2.4	1.3	0.9	0.7	0.7
5	1.1	0.7	1.2	2.1	1.2	0.8	0.8
6	1.1	1.1	2.6	2.0	1.2	0.6	0.7
7	2.7	2.3	0.3	3.6	1.3	2.7	2.0
8	6.9	6.5	6.2	6.7	2.1	1.5	4.5
9	8.8	10.9	9.1	10.5	-	6.8	8.2
10	6.9	7.6	4.8	11.7	2.8	4.6	8.0
11	1.8	1.0	0.8	7.8	2.8	3.2	2.6
12	0.8	0.9	0.7	3.9	0.4	0.5	0.9
13	7.1	3.7	4.6	10.1	4.7	1.4	0.4
14	9.6	11.7	10.7	11.7	10.8	3.9	0.8
15	15.7	17.3	15.8	13.2	-	8.6	8.0
16	6.4	5.3	1.8	11.7	-	7.9	6.4
17	2.8	2.6	2.4	4.3	-	5.1	2.3
18	6.5	7.5	0.0	2.9	7.0	5.7	2.4
19	8.8	8.2	0.0	11.3	4.8	4.6	3.5
20	2.7	2.7	-	6.1	1.8	2.6	2.2
21	0.4	0.3	0.7	0.3	0.4	0.1	0.4
22	0.4	0.5	1.1	0.5	0.3	0.1	0.2
23	0.5	0.4	0.7	0.8	0.4	0.2	0.3
24	1.0	0.7	1.0	1.7	1.1	1.0	1.0
25	1.8	1.1	1.0	2.9	1.2	1.3	1.1
26	2.3	2.3	1.6	3.3	2.9	1.2	2.1
27	2.8	2.4	2.5	3.2	3.1	1.1	0.4
28	1.3	1.2	1.5	1.2	1.6	0.2	0.7
29	0.6	0.5	1.0	0.9	-	0.3	-
30	0.5	0.4	0.5	1.2	-	0.7	0.5
31	0.9	0.8	-	1.9	1.4	0.2	0.7

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY

75

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	N 27
1	78	41	26	16	29	47	78	32	6	4	8	27	0	26	38	7	34	41	13
2	10	8	2	4	10	7	15	0	0	14	0	0	0	0	0	6	6	0	1
3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	17	0	0	0	0	-	0	0	0	0	0	0	0	0	0	22	5
10	193	163	76	130	105	75	126	154	0	0	15	25	30	44	17	0	54	100	29
11	37	17	36	19	19	5	10	23	18	10	20	0	0	5	14	54	9	32	19
12	0	0	0	0	0	0	0	0	0	-	9	0	64	0	0	0	0	0	0
13	42	47	29	64	82	32	25	23	7	0	8	33	0	8	20	60	44	23	14
14	102	76	131	32	70	71	69	105	4	2	0	36	0	24	21	105	24	139	43
15	0	0	0	0	0	0	3	0	0	5	0	0	0	25	0	0	54	0	0
16	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
17	14	0	0	0	10	0	0	0	0	-	0	0	0	0	14	0	0	0	0
18	16	10	63	16	0	52	35	41	0	0	44	0	97	30	55	54	3	48	11
19	18	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
20	0	0	0	6	0	11	35	0	2	11	8	0	0	0	0	0	8	0	1
21	0	0	0	0	0	6	14	0	2	13	0	0	0	0	2	0	4	0	0
22	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	4	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	-	0	0	4	-	3	5	0	5	0	0
29	5	8	8	0	2	1	0	6	0	0	0	0	-	0	0	0	0	0	1
30	1	1	3	0	0	0	0	0	0	0	-	0	-	1	3	0	0	0	0
31	4	0	3	0	0	3	5	2	1	0	1	0	-	0	8	5	0	0	0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY

75

PRECIPITATED ACID (MICROEQUIVALENTS 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	N 27
1	2050	990	542	430	381	868	2092	662	-13	55	97	519	0	547	653	405	877	992	2
2	331	194	0	242	298	221	405	2	-	177	0	0	0	0	0	27	13	0	0
3	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	-	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-
10	3555	3382	591	1977	1790	1139	-	960	0	0	-	-244	269	383	-	0	115	1650	0
11	927	148	630	193	206	41	-102	430	131	194	102	0	0	67	184	261	-100	708	0
12	0	0	0	0	0	0	0	0	0	-	58	0	1170	0	0	0	0	0	0
13	960	1114	435	1197	1312	532	-	372	0	0	84	316	0	140	359	998	1100	578	0
14	1918	1303	2268	732	1106	805	1232	1934	-14	48	0	501	0	407	387	2757	371	2789	0
15	0	0	0	0	0	0	-	0	0	44	0	0	0	306	0	0	1241	0	0
16	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	-	0	0
17	187	0	0	0	152	0	0	0	0	-	0	0	0	0	-	0	0	0	0
18	367	91	815	224	0	611	258	477	0	0	376	0	1138	446	409	872	17	942	0
19	358	68	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
20	0	0	0	5	0	-30	-	0	0	204	20	0	0	0	0	0	191	0	0
21	0	0	0	0	0	-38	0	0	-361	185	0	0	0	0	13	0	-	0	0
22	0	0	0	0	0	0	-	0	-193	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	136	0	0	-	0	0	0	0	0	0
28	0	0	0	0	0	0	-	0	-	0	0	-37	-	-11	8	0	-	0	0
29	91	-	16	0	22	-	0	-10	-293	1	0	0	-	0	0	0	0	0	0
30	6	-	-10	0	0	-3	0	0	0	0	-	0	-	1	18	0	0	0	0
31	53	-	19	0	0	-160	-	16	-178	0	-4	0	-	0	21	6	0	0	0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 09	N 10	N 16	N 18	N 26	N 27
1	0.96	0.10	0.45	0.29	0.43	0.29	0.42	0.16
2	0.06	0.03	0.16	-	-	-	-	0.08
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	0.52
10	0.84	0.17	0.38	0.67	0.85	1.05	0.87	0.40
11	0.65	0.05	0.08	0.49	1.03	-	0.38	0.20
12	-	-	-	-	0.60	-	-	-
13	0.71	0.26	0.76	0.55	0.45	1.24	0.52	0.15
14	1.49	0.84	1.21	1.24	-	0.45	1.07	0.43
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	1.10	-	-	-	-	-	-	-
18	0.29	0.45	0.24	0.53	1.28	-	0.71	0.32
19	0.39	-	-	-	-	-	-	-
20	-	0.05	0.11	-	0.03	-	-	0.03
21	-	0.07	0.06	-	-	-	-	0.03
22	-	-	0.03	-	-	-	-	0.03
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	0.03	-	-	0.06	-	-
29	0.14	-	-	0.03	-	-	-	-
30	-	0.07	-	-	-	-	-	0.08
31	-	0.03	0.79	0.03	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 09	N 10	N 16	N 18	N 26	N 27
1	0.57	0.16	0.33	0.24	0.63	0.17	0.30	0.16
2	0.03	0.04	0.11	-	-	-	-	0.04
3	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	0.89
10	1.15	0.24	1.36	0.75	1.28	1.24	1.20	0.26
11	0.63	0.19	0.12	0.35	1.75	-	0.38	0.09
12	-	-	-	-	1.23	-	-	-
13	0.73	0.40	4.24	0.65	0.83	1.15	0.34	0.04
14	1.20	0.93	0.78	1.16	-	1.98	1.00	0.35
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
17	1.75	-	-	-	-	-	-	-
18	0.32	1.14	5.56	0.86	3.00	-	0.90	0.26
19	0.43	-	-	-	-	-	-	-
20	-	0.18	0.40	-	0.04	-	-	0.09
21	-	0.28	0.70	-	-	-	-	0.04
22	-	-	0.11	-	-	-	-	0.04
23	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
28	-	-	23.00	-	-	0.08	-	-
29	0.17	-	-	0.05	-	-	-	-
30	-	0.04	-	-	-	-	-	0.30
31	-	0.08	4.47	0.04	-	-	-	-



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

MAY

75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	0.40	0.14	0.14
2	0.07	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	5.06	5.00
10	0.34	1.00	0.58
11	0.12	0.15	0.05
12	-	-	-
13	0.08	0.10	0.07
14	0.66	0.41	0.42
15	-	-	-
16	-	-	-
17	0.75	-	-
18	0.40	0.24	0.38
19	0.15	-	-
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	0.24	0.83	-
30	0.24	-	-
31	0.11	0.32	-

- 43 a -

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - JUNE 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 03	FINSLAND	PA	58 19 N	7 35 E	275
3	N 05	GJERSTAD	P	58 53 N	8 57 E	240
4	N 06	LISTA	P	58 03 N	7 27 E	138
5	N 07	MANDAL	P	58 03 N	7 27 E	138
6	N 08	SKREDALEN	P	58 49 N	6 43 E	475
7	N 09	SØYLAND	PA	58 41 N	5 59 E	263
8	N 10	TOVDAL	P	58 48 N	8 14 E	227
9	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
10	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
11	N 16	TAGMYRA	P	61 25 N	12 04 E	536
12	N 18	LØKEN	P	59 48 N	11 27 E	150
13	N 20	GRIMELID	P	60 08 N	9 36 E	367
14	N 22	VASSER	PA	59 04 N	10 26 E	35
15	N 23	LYNGØR	PA	58 38 N	9 08 E	20
16	N 24	FITJAR	P	59 55 N	5 19 E	20
17	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
18	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
19	N 27	VATNEDALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JUNE

75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

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 20	N 22	N 23	N 24	N 25	N 26	N 27
1	11.1	4.3	7.2	0.0	0.9	2.5	0.0	2.4	0.0	0.3	0.4	2.3	11.4	0.0	0.0	0.0	-	3.5	8.5
2	10.2	4.3	9.3	3.8	3.4	0.0	3.6	5.4	0.0	0.2	0.0	0.0	1.3	0.8	4.0	0.0	-	3.1	1.6
3	30.6	20.4	10.1	2.9	19.3	0.4	9.5	21.6	0.0	0.0	2.2	7.1	0.0	1.9	9.2	0.2	-	9.5	0.0
4	4.1	3.1	4.8	0.4	3.9	0.7	1.4	1.0	4.5	8.3	2.8	1.6	2.1	0.0	0.0	0.0	-	0.6	0.5
5	0.3	3.1	2.0	5.3	4.4	3.5	3.0	1.7	1.1	0.2	0.0	0.0	0.9	0.0	0.0	1.5	-	1.0	0.8
6	3.2	0.0	1.5	0.0	0.3	0.3	0.0	0.8	4.8	0.1	0.0	0.0	0.0	0.0	1.5	0.0	-	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.1	-	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.6	-	0.0	0.0
12	0.2	1.8	0.0	3.7	1.6	3.7	6.5	0.0	26.4	1.8	0.0	0.0	0.0	0.4	0.9	5.9	-	0.0	0.4
13	0.0	0.0	0.0	1.1	0.0	7.2	21.6	0.0	13.4	0.4	0.0	0.0	0.0	0.0	0.0	5.4	-	0.0	0.0
14	0.0	1.7	0.0	0.0	0.0	10.8	9.6	0.0	8.9	1.0	1.2	0.0	0.0	0.0	0.0	8.9	-	0.0	0.0
15	0.0	0.0	1.4	0.4	0.0	3.0	6.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	4.5	0.3	-	0.0	1.8
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.1	0.0	8.8	0.0	2.4	0.0	0.0	0.0	-	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	3.5	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	-	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.6	3.1	0.0	2.8	4.0	0.0	0.0	0.0	0.0	0.0	4.1	-	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7	5.0	0.0	0.0	0.0	0.0	0.0	15.0	-	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.4	0.2	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.3	-	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.5	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
25	0.0	0.0	0.0	1.4	0.0	0.0	3.3	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	19.1	-	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.4	3.5	0.0	0.0	7.2	0.6	0.0	0.0	0.0	0.0	0.3	-	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JUNE

75

OFFICIAL PRECIPITATION DATA (MM)

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 20	N 22	N 23	N 24	N 25	N 26	N 27
1	-	4.4	7.2	0.0	1.0	2.5	0.0	2.7	0.0	0.3	0.5	-	11.5	-	0.0	0.0	-	-	-
2	-	4.5	9.1	4.1	5.7	0.0	3.6	6.0	0.0	0.2	0.0	-	1.8	-	4.0	0.0	-	-	-
3	-	20.5	9.4	3.6	19.5	0.5	9.5	21.3	0.0	0.0	2.1	-	0.0	-	9.3	0.4	-	-	-
4	-	3.0	4.7	0.6	4.4	0.9	1.4	1.3	4.7	8.3	2.8	-	2.9	-	0.0	0.0	-	-	-
5	-	3.0	2.1	5.9	4.7	3.6	3.0	2.0	1.4	0.2	0.0	-	1.4	-	0.2	2.0	-	-	-
6	-	0.0	1.3	0.2	0.5	0.4	0.0	0.8	4.7	0.1	0.0	-	0.0	-	0.6	0.0	-	-	-
7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	-	0.0	-	0.0	0.0	-	-	-
8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	-	0.0	-	0.0	0.2	-	-	-
9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	-	0.0	-	0.0	0.0	-	-	-
10	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-
11	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	-	0.0	-	0.0	2.0	-	-	-
12	-	2.0	0.0	4.5	1.6	3.8	6.5	0.0	28.0	1.8	0.0	-	0.0	-	1.1	7.2	-	-	-
13	-	0.0	0.0	1.4	0.0	7.0	21.6	0.0	13.2	0.4	0.0	-	0.0	-	0.0	6.6	-	-	-
14	-	2.0	0.0	0.0	0.0	10.4	9.6	0.0	9.1	1.0	1.1	-	0.0	-	0.0	9.5	-	-	-
15	-	0.0	1.4	0.6	0.0	3.3	6.0	0.0	0.2	0.0	5.5	-	0.0	-	5.2	0.5	-	-	-
16	-	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.4	0.0	8.6	-	2.9	-	0.0	0.0	-	-	-
17	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	3.5	-	0.0	-	0.0	0.0	-	-	-
18	-	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.1	0.0	0.0	-	0.0	-	0.0	11.0	-	-	-
19	-	0.0	0.0	0.0	0.0	0.6	3.1	0.0	3.6	4.0	0.0	-	0.0	-	0.0	4.8	-	-	-
20	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	5.0	0.0	-	0.0	-	0.0	15.5	-	-	-
21	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.4	0.2	-	0.0	-	0.0	0.0	-	-	-
22	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-	0.0	-	0.0	0.0	-	-	-
23	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.8	0.0	-	0.0	-	0.0	0.5	-	-	-
24	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.5	-	0.0	-	0.0	0.0	-	-	-
25	-	0.0	0.0	1.2	0.0	0.0	3.3	0.0	0.0	7.6	0.0	-	0.0	-	0.0	20.0	-	-	-
26	-	0.0	0.0	0.0	0.0	0.2	3.5	0.0	0.0	7.2	0.6	-	0.0	-	0.0	0.5	-	-	-
27	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-	0.0	-	0.0	0.0	-	-	-
28	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-	0.0	-	0.0	0.0	-	-	-
29	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-
30	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-	0.0	-	0.0	0.0	-	-	-





LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JUNE 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	2	5	-	7	4	4	3
2	2	3	-	7	2	3	4
3	3	2	-	9	3	2	3
4	2	2	-	9	3	2	4
5	2	2	-	9	6	3	3
6	3	2	-	10	12	2	3
7	5	8	-	5	17	3	2
8	4	5	8	7	8	3	2
9	4	6	3	18	10	3	3
10	6	7	9	4	29	3	2
11	4	6	5	4	27	3	2
12	4	2	3	5	1	2	4
13	2	3	3	5	5	2	1
14	4	3	3	3	5	2	10
15	2	2	1	2	4	2	1
16	1	2	1	3	4	6	3
17	3	1	1	6	3	7	1
18	4	5	2	3	5	4	4
19	9	5	5	4	1	2	7
20	5	5	4	5	3	2	6
21	11	2	1	4	2	1	2
22	5	2	1	4	2	1	5
23	5	3	3	6	2	1	15
24	3	1	1	6	1	1	3
25	2	1	1	4	3	1	1
26	1	1	1	2	2	1	1
27	1	1	1	2	5	1	1
28	5	1	1	6	2	1	1
29	5	1	2	4	1	1	1
30	3	1	2	7	1	3	4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JUNE 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 03	N 09	N 22	N 23	N 25	N 26
1	0.8	-	-	2.1	1.4	1.9	-
2	1.5	0.2	-	2.5	2.8	0.6	1.1
3	4.4	0.4	-	7.3	5.7	0.9	3.0
4	4.6	0.6	-	5.4	0.2	1.2	4.1
5	2.2	1.9	-	5.6	4.8	0.7	3.1
6	10.7	-	-	24.4	14.7	2.8	3.0
7	10.2	-	-	15.1	14.6	3.7	9.8
8	9.0	12.4	13.9	20.9	14.3	3.8	6.5
9	8.6	13.5	15.6	14.7	11.1	4.4	7.5
10	7.7	-	8.8	-	5.9	1.3	7.8
11	7.4	9.3	7.9	3.1	10.9	1.5	5.8
12	6.9	4.9	4.0	0.5	5.4	2.3	3.2
13	1.1	1.7	1.8	1.2	1.0	0.9	0.3
14	-	-	2.6	-	1.6	0.7	0.6
15	-	0.8	0.6	-	1.2	1.1	0.5
16	-	0.9	1.2	0.3	2.2	1.2	0.8
17	-	0.2	0.8	2.1	2.3	0.7	0.3
18	-	4.9	6.6	4.2	3.9	2.3	4.5
19	-	8.0	12.1	-	5.1	7.2	2.7
20	-	13.3	6.5	13.1	9.1	5.5	14.0
21	5.4	4.0	6.6	11.5	8.3	0.6	2.4
22	3.8	6.5	3.5	-	2.6	1.2	3.4
23	4.4	5.3	2.6	8.6	4.5	1.1	2.9
24	0.9	1.4	1.1	2.2	0.6	0.2	0.7
25	1.3	2.0	1.7	1.7	0.1	0.3	0.3
26	0.5	0.8	0.6	1.2	0.3	0.1	0.3
27	0.5	0.7	1.0	0.7	0.1	0.1	0.3
28	0.7	0.8	0.8	1.3	0.6	0.6	-
29	0.1	0.9	1.3	0.7	0.2	0.6	0.5
30	1.2	1.0	1.5	2.7	0.2	-	0.6







NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - JULY 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS			LOCATIONS			
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
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3	N 05	GJERSTAD	P	58 53 N	8 57 E	240
4	N 06	LISTA	P	58 03 N	7 27 E	138
5	N 07	MANDAL	P	58 03 N	7 27 E	138
6	N 08	SKREÅDALEN	P	58 49 N	6 43 E	475
7	N 09	SØYLAND	PA	58 41 N	5 59 E	263
8	N 10	TOVDAL	P	58 48 N	8 14 E	227
9	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
10	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
11	N 16	TÅGMYRA	P	61 25 N	12 04 E	536
12	N 18	LØKEN	P	59 48 N	11 27 E	150
13	N 20	GRIMELID	P	60 08 N	9 36 E	367
14	N 22	VASSER	PA	59 04 N	10 26 E	35
15	N 23	LYNGØR	PA	58 38 N	9 08 E	20
16	N 24	FITJAR	P	59 55 N	5 19 E	20
17	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
18	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
19	N 27	VATNEDELEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

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 20	N 22	N 23	N 24	N 25	N 26	N 27
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	10.4	0.0	0.0	0.0	0.0	0.0	0.6	-	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
9	0.0	0.0	0.0	8.0	0.0	21.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
11	1.3	0.8	23.4	1.3	1.8	4.5	1.2	0.0	9.3	2.8	0.0	0.0	11.3	0.0	0.0	5.1	-	13.8	0.0
12	3.8	3.8	0.0	4.8	6.6	6.7	4.9	0.0	9.7	5.4	0.0	0.0	0.0	0.0	0.0	2.1	-	2.3	4.5
13	0.0	1.9	0.0	0.4	1.0	0.0	0.4	0.0	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
14	7.0	16.9	8.3	7.0	24.5	14.2	7.3	11.5	0.0	0.6	3.6	0.0	16.7	18.1	12.3	0.0	-	12.0	6.1
15	2.2	7.0	0.0	0.0	15.6	8.7	6.0	1.3	19.2	0.0	2.9	9.2	6.0	0.0	0.0	12.7	-	0.6	1.0
16	4.8	2.5	3.4	0.0	-	0.0	-	11.6	0.0	0.7	10.8	1.9	0.0	4.8	0.0	0.2	-	0.0	1.0
17	0.0	0.0	0.0	0.0	-	2.2	-	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.7
18	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0
19	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0
20	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	1.5	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0
21	0.0	-	0.0	6.7	-	5.9	-	0.0	8.0	9.1	0.0	0.0	0.0	0.0	-	12.7	-	0.0	0.5
22	19.7	-	5.0	17.5	-	39.3	-	11.7	1.5	1.0	0.2	8.6	6.4	8.0	-	23.9	-	10.7	16.5
23	16.3	-	5.2	6.7	-	34.0	-	8.9	15.6	8.0	6.4	13.4	2.5	3.8	-	13.8	-	8.3	17.1
24	0.0	-	3.0	7.5	-	4.8	-	1.5	0.0	13.3	7.4	28.5	0.0	1.1	-	1.8	-	1.6	9.9
25	0.0	-	0.0	0.0	-	0.0	-	0.0	3.5	6.4	0.0	0.0	0.0	0.0	-	1.1	-	0.0	0.0
26	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0
27	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0
28	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2	-	0.0	0.0
29	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0
30	0.0	-	0.0	0.0	-	0.0	-	0.0	4.3	0.0	0.0	0.0	0.0	0.0	-	5.4	-	0.0	0.0
31	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	4.4	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

75

OFFICIAL PRECIPITATION DATA (MM)

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 20	N 22	N 23	N 24	N 25	N 26	N 27
1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.8	0.0	-	0.0	-	0.0	0.0	-	-	-
2	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	10.4	0.0	-	0.0	-	0.0	0.6	-	-	-
3	-	0.0	0.0	0.0	0.0	0.0	0.1	0.0	9.0	2.3	0.0	-	0.0	-	0.0	0.0	-	-	-
4	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.1	0.0	-	0.0	-	0.0	0.0	-	-	-
5	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	-	0.0	-	0.0	0.0	-	-	-
6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	-	0.0	-	0.0	0.0	-	-	-
7	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-	0.0	-	0.0	0.0	-	-	-
8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-
9	-	0.0	0.0	8.0	0.0	20.6	2.7	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-
10	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-
11	-	0.6	23.7	1.3	1.8	4.5	2.1	0.0	9.7	2.8	0.0	-	11.4	-	0.0	5.0	-	-	-
12	-	3.5	0.0	5.3	6.6	7.0	6.3	0.0	10.0	5.4	0.0	-	0.0	-	0.0	3.0	-	-	-
13	-	2.0	0.0	0.6	1.0	0.0	0.5	0.0	3.0	0.7	0.0	-	0.0	-	0.0	0.0	-	-	-
14	-	16.6	8.4	7.9	24.5	13.7	11.2	11.5	0.0	0.6	3.8	-	17.1	-	11.9	0.0	-	-	-
15	-	7.0	0.0	0.0	15.6	8.7	7.9	1.3	19.1	0.0	3.0	-	5.5	-	0.0	13.0	-	-	-
16	-	2.5	3.0	0.0	-	0.0	-	11.9	0.0	0.7	10.5	-	0.0	-	0.0	0.4	-	-	-
17	-	0.0	0.0	0.0	-	2.3	-	0.0	0.0	0.1	0.0	-	0.0	-	0.0	0.0	-	-	-
18	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-	-
19	-	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-	-
20	-	-	0.0	0.0	-	0.0	-	0.0	0.0	1.5	0.0	-	0.0	-	-	0.0	-	-	-
21	-	-	0.0	6.3	-	6.4	-	0.0	8.2	9.1	0.0	-	0.0	-	-	13.5	-	-	-
22	-	-	5.0	18.0	-	40.4	-	11.9	1.8	1.0	0.2	-	7.0	-	-	23.5	-	-	-
23	-	-	5.6	7.3	-	34.6	-	9.3	15.8	8.0	6.7	-	2.6	-	-	14.5	-	-	-
24	-	-	3.1	8.1	-	4.6	-	1.7	0.0	13.3	7.9	-	0.0	-	-	2.3	-	-	-
25	-	-	0.0	0.0	-	0.0	-	0.0	4.0	6.4	0.0	-	0.0	-	-	1.5	-	-	-
26	-	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-	-
27	-	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-	-
28	-	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-	0.8	-	-	-
29	-	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-	-
30	-	-	0.0	0.0	-	0.0	-	0.0	4.8	0.0	0.0	-	0.0	-	-	6.5	-	-	-
31	-	-	0.0	0.0	-	0.0	-	0.0	0.2	4.4	0.0	-	0.0	-	-	0.0	-	-	-





LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 03	N 08	N 09	N 22	N 23	N 25	N 26
1	3	2	-	2	4	1	6	9
2	2	2	-	1	8	2	8	1
3	3	1	-	3	2	2	6	1
4	2	2	-	1	2	2	8	1
5	2	1	-	3	3	4	7	1
6	2	1	-	3	2	2	7	1
7	1	2	-	2	2	3	2	8
8	2	1	-	1	2	1	2	4
9	3	7	-	3	2	3	2	5
10	4	5	-	5	2	4	1	5
11	3	3	-	2	7	5	1	2
12	4	4	3	-	6	3	1	2
13	1	2	3	-	4	9	1	2
14	2	4	3	-	5	3	2	14
15	2	4	5	-	7	3	2	4
16	2	3	10	-	6	4	2	10
17	2	4	1	-	4	2	2	5
18	2	1	1	-	3	2	1	9
19	3	-	4	-	1	-	2	12
20	4	-	1	-	3	-	1	6
21	7	-	1	-	2	-	2	18
22	9	-	1	-	2	-	1	6
23	4	-	1	-	1	-	1	5
24	3	-	3	-	1	-	1	2
25	3	-	3	-	1	-	1	1
26	33	-	5	-	4	-	1	1
27	34	-	13	-	4	-	1	1
28	114	-	24	-	6	-	1	4
29	23	-	7	-	6	-	1	3
30	29	-	19	-	12	-	1	3
31	89	-	29	-	5	-	1	3

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 03	N 08	N 09	N 22	N 23	N 25	N 26
1	2.0	2.9	-	5.0	0.7	-	2.6	2.6
2	10.1	12.9	-	14.9	11.1	8.1	2.5	7.0
3	1.4	0.1	-	2.7	7.8	6.0	0.3	1.7
4	1.5	3.4	-	1.7	1.4	1.9	0.5	1.8
5	1.1	1.6	-	1.3	2.2	2.0	0.6	0.9
6	0.7	1.3	-	0.4	3.5	2.8	0.8	1.2
7	2.3	4.5	-	1.8	5.0	4.0	0.6	3.0
8	2.9	7.2	-	3.0	0.4	5.0	1.5	4.4
9	3.3	7.4	-	5.0	6.9	2.3	2.8	5.7
10	4.0	14.4	-	9.0	2.9	-	8.1	8.2
11	10.6	25.6	-	5.6	9.2	-	7.0	7.0
12	4.6	14.5	-	-	24.5	-	2.2	6.0
13	2.4	6.2	-	-	12.9	-	0.5	4.3
14	0.3	8.1	-	-	7.4	-	1.7	4.6
15	2.5	3.8	-	-	7.5	-	1.0	2.3
16	0.9	3.4	-	-	10.4	-	0.4	1.4
17	1.5	0.1	-	-	2.3	-	0.5	1.5
18	1.5	0.1	-	-	3.1	-	0.5	1.4
19	2.4	-	-	-	2.4	-	0.7	2.4
20	4.3	-	-	-	2.4	-	0.6	3.1
21	9.3	-	-	-	3.7	-	3.0	5.6
22	3.1	-	-	-	10.9	-	2.4	2.0
23	1.9	-	-	-	5.7	-	0.2	1.1
24	1.6	-	-	-	4.2	-	1.4	0.7
25	0.8	-	-	-	1.9	-	0.2	0.7
26	0.8	-	2.4	-	1.3	-	0.4	0.9
27	1.9	-	2.3	-	1.3	-	0.5	1.7
28	0.9	-	0.2	-	2.9	-	0.9	1.5
29	5.8	-	7.2	-	2.7	-	1.2	4.0
30	15.2	-	11.4	-	12.0	-	2.9	12.5
31	2.1	-	-	-	26.3	-	0.8	1.3





LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JULY

75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	1.15	-	0.18
12	0.22	-	0.29
13	-	-	-
14	0.18	0.15	0.07
15	0.14	-	0.13
16	0.03	0.06	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	0.11	0.10	0.08
23	0.04	0.05	0.04
24	-	-	0.05
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	-
31	-	-	-



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

JUNE 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	0.06	0.16	0.11
2	0.05	0.12	-
3	0.11	0.35	0.16
4	0.10	0.38	0.27
5	-	0.12	0.19
6	0.14	0.43	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	-	-	-
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

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 MONTHLY SUMMARY OF RESULTS - AUGUST 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 05	GJERSTAD	P	58 53 N	8 57 E	240
3	N 06	LISTA	P	58 03 N	7 27 E	138
4	N 08	SKREDALEN	P	58 49 N	6 43 E	475
5	N 10	TOVDAL	P	58 48 N	8 14 E	227
6	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
7	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
8	N 16	TAGMYRA	P	61 25 N	12 04 E	536
9	N 18	LØKEN	P	59 48 N	11 27 E	150
10	N 20	GRIMELID	P	60 08 N	9 36 E	367
11	N 22	VASSER	PA	59 04 N	10 26 E	35
12	N 24	FITJAR	P	59 55 N	5 19 E	20
13	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
14	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
15	N 27	VATNEDELEN	P	59 28 N	7 22 E	800

NORWEGIAN INSTITUTE FOR AIR RESEARCH

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LIST OF STATIONS			LOCATIONS			
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 05	GJERSTAD	P	58 53 N	8 57 E	240
3	N 06	LISTA	P	58 03 N	7 27 E	138
4	N 08	SKREADALEN	P	58 49 N	6 43 E	475
5	N 10	TOVDAL	P	58 48 N	8 14 E	227
6	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
7	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
8	N 16	TAGMYRA	P	61 25 N	12 04 E	536
9	N 18	LØKEN	P	59 48 N	11 27 E	150
10	N 20	GRIMELID	P	60 08 N	9 36 E	367
11	N 22	VASSER	PA	59 04 N	10 26 E	35
12	N 24	FITJAR	P	59 55 N	5 19 E	20
13	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
14	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
15	N 27	VATNEDELEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA AUGUST 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	1.7	0.4	0.4	1.0	0.3	5.7	0.1	1.2	0.0	0.0	0.0	16.6	-	0.5	1.0
2	0.0	0.3	0.0	0.0	0.0	7.3	5.0	0.1	0.0	0.0	0.0	9.5	-	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	2.0	8.6	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.1	0.0	0.0	0.0	0.0	-	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	-	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	5.6	13.0	3.0	0.0	0.0	0.0	1.6	-	0.0	0.0
15	0.0	7.2	0.0	0.0	6.2	0.0	5.6	0.0	7.6	19.0	3.8	3.8	-	18.7	15.9
16	20.1	24.0	27.1	17.6	15.3	0.0	1.5	0.0	10.2	30.3	3.6	12.7	-	26.4	20.9
17	4.3	0.0	2.8	5.0	2.4	0.0	0.0	0.3	0.0	0.0	0.0	0.2	-	0.0	1.0
18	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.0	0.0	0.0	0.0	0.0	-	2.3	0.0
19	0.4	0.0	0.0	0.0	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
20	4.5	5.7	7.6	6.1	8.1	5.2	2.5	1.4	2.0	8.0	4.5	7.9	-	6.3	7.2
21	0.0	0.0	0.0	4.5	0.9	4.4	12.0	1.0	2.9	0.0	1.8	1.1	-	0.0	0.6
22	0.0	0.0	1.6	3.9	0.0	1.2	0.0	13.0	0.0	0.7	0.0	13.1	-	0.0	0.0
23	1.5	1.1	2.2	5.8	1.1	2.0	2.8	0.0	0.0	7.6	0.0	11.1	-	2.2	2.4
24	0.0	0.0	0.0	0.0	0.0	4.6	1.5	5.4	0.0	0.0	0.0	0.0	-	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	4.0	6.1	0.0	0.0	0.0	0.0	3.2	-	0.0	0.0
27	0.0	0.0	0.0	1.9	0.0	1.7	5.7	0.0	3.5	0.0	0.0	20.1	-	0.0	0.2
28	0.0	0.0	0.0	14.1	0.0	4.2	12.8	5.6	10.5	3.9	0.0	22.0	-	0.0	15.9
29	0.0	0.0	0.0	0.0	0.0	0.6	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
30	0.0	1.0	4.5	2.0	4.1	0.0	2.7	0.0	9.7	0.9	0.0	0.0	-	26.5	9.1
31	0.0	0.0	0.0	0.0	0.0	5.4	7.6	0.0	0.0	0.0	0.0	0.2	-	0.0	0.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA AUGUST 75

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	0.5	0.4	0.8	0.3	6.6	0.1	1.1	-	0.0	-	17.0	-	-	-
2	-	0.3	0.0	0.0	0.0	7.7	5.0	0.1	-	0.0	-	10.5	-	-	-
3	-	0.0	0.0	0.0	0.0	2.1	8.6	0.0	-	0.0	-	0.0	-	-	-
4	-	0.0	0.0	0.0	0.0	0.0	8.2	0.1	-	0.0	-	0.0	-	-	-
5	-	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-	0.0	-	0.0	-	-	-
6	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	-
7	-	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-	0.0	-	0.0	-	-	-
8	-	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-	0.0	-	0.0	-	-	-
9	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	-
10	-	0.0	0.0	0.0	0.0	0.0	0.8	0.0	-	0.0	-	0.0	-	-	-
11	-	0.0	0.0	0.0	0.0	0.0	0.0	1.0	-	0.0	-	0.0	-	-	-
12	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	-
13	-	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-	0.0	-	0.0	-	-	-
14	-	0.0	0.0	0.0	0.0	5.7	13.0	3.0	-	0.0	-	2.1	-	-	-
15	-	7.4	0.0	0.0	6.1	0.0	5.6	0.0	-	17.0	-	4.2	-	-	-
16	-	23.2	26.4	16.8	15.5	0.0	1.5	0.0	-	29.5	-	13.0	-	-	-
17	-	0.0	2.9	5.2	2.5	0.0	0.0	0.2	-	0.0	-	0.1	-	-	-
18	-	0.0	0.0	0.0	0.1	0.0	0.0	1.0	-	0.0	-	0.0	-	-	-
19	-	0.0	0.0	0.0	0.1	0.0	0.5	0.0	-	0.0	-	0.0	-	-	-
20	-	5.8	7.4	6.3	8.1	5.8	2.5	1.4	-	7.8	-	8.4	-	-	-
21	-	0.0	0.0	5.0	0.9	5.0	12.0	1.1	-	0.0	-	1.5	-	-	-
22	-	0.0	1.9	4.2	0.0	1.6	0.0	13.4	-	0.5	-	13.5	-	-	-
23	-	1.3	2.7	6.0	1.3	2.2	2.8	0.0	-	7.9	-	11.6	-	-	-
24	-	0.0	0.0	0.0	0.0	5.0	1.5	5.6	-	0.0	-	0.0	-	-	-
25	-	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-	0.0	-	0.0	-	-	-
26	-	0.0	0.0	0.0	0.0	8.1	6.1	0.0	-	0.0	-	3.8	-	-	-
27	-	0.0	0.0	2.0	0.0	1.9	5.7	0.0	-	0.0	-	20.2	-	-	-
28	-	0.1	0.0	14.1	0.0	4.3	12.8	5.5	-	4.0	-	22.5	-	-	-
29	-	0.0	0.0	0.0	0.0	0.7	3.2	0.0	-	0.0	-	0.0	-	-	-
30	-	0.8	4.9	2.1	4.2	0.0	2.7	0.0	-	0.5	-	0.0	-	-	-
31	-	0.0	0.0	0.0	0.0	5.6	7.6	0.0	-	0.0	-	0.5	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 75

MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	0.10	1.99	0.72	0.13	0.08	0.03	-	0.28	-	-	-	0.05	0.13	0.02
2	-	-	-	-	-	0.02	0.02	-	-	-	-	0.06	-	-
3	-	-	-	-	-	0.04	0.02	-	-	-	-	-	-	-
4	-	-	-	-	-	-	0.03	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	0.40	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	0.11	0.02	0.14	-	-	-	0.38	-	-
15	-	0.10	-	-	0.07	-	0.02	-	0.03	0.02	0.41	0.03	0.04	0.03
16	0.04	0.03	0.24	0.07	0.03	-	0.22	-	0.02	0.02	0.46	0.02	0.02	0.01
17	0.13	-	0.41	0.10	0.07	-	-	-	-	-	-	0.04	-	0.05
18	-	-	-	-	-	-	-	0.15	-	-	-	-	0.03	-
19	-	-	-	-	-	-	0.18	-	-	-	-	-	-	-
20	0.11	0.37	0.24	0.07	0.13	0.04	0.05	0.28	0.15	0.04	1.08	0.27	0.08	0.02
21	-	-	-	0.03	0.17	0.17	0.02	0.18	0.07	-	0.91	0.33	-	0.03
22	-	-	1.14	0.13	-	0.03	-	0.06	-	0.04	-	0.11	-	-
23	0.21	0.04	0.74	0.03	0.14	0.03	-	-	-	0.03	-	0.14	0.04	-
24	-	-	-	-	-	0.03	0.02	0.04	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	0.04	0.01	-	-	-	-	0.59	-	-
27	-	-	-	0.03	-	0.07	0.21	-	0.12	-	-	0.02	-	-
28	-	-	-	0.04	-	0.02	0.11	0.01	0.03	0.01	-	0.03	-	0.01
29	-	-	-	-	-	0.03	0.12	-	-	-	-	-	-	-
30	-	-	0.15	0.07	0.09	-	0.16	-	0.04	0.29	-	-	0.03	0.02
31	-	-	-	-	-	0.03	0.02	-	-	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	2.0	-	6.1	2.1	1.3	1.1	-	5.1	-	-	-	1.4	0.3	1.6
2	-	-	-	-	-	0.9	1.2	-	-	-	-	0.5	-	-
3	-	-	-	-	-	2.8	0.7	-	-	-	-	-	-	-
4	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	10.7	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	8.5	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	10.0	0.4	3.5	-	-	-	19.2	-	-
15	-	8.8	-	-	7.5	-	0.4	-	2.9	2.8	8.3	5.8	0.4	4.9
16	2.2	2.2	4.9	3.5	1.9	-	5.5	-	1.9	2.7	6.8	2.5	1.6	1.0
17	2.0	-	0.9	1.7	1.5	-	-	-	-	-	-	-	-	1.2
18	-	-	-	-	-	-	-	2.2	-	-	-	-	0.7	-
19	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-
20	9.2	9.0	6.5	5.7	8.4	1.1	1.4	3.9	6.6	5.0	5.5	2.7	8.1	4.3
21	-	-	-	2.2	4.4	1.3	0.6	3.4	1.2	-	3.8	1.9	-	1.1
22	-	-	3.2	1.7	-	0.8	-	1.2	-	1.3	-	0.5	-	-
23	3.6	1.4	0.1	0.1	2.0	0.2	0.1	-	-	0.7	-	0.5	1.9	3.0
24	-	-	-	-	-	0.7	0.6	0.1	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	0.7	0.1	-	-	-	-	4.3	-	-
27	-	-	-	0.4	-	1.2	0.6	-	3.9	-	-	0.3	-	1.8
28	-	-	-	5.6	-	0.6	0.5	0.1	2.9	0.6	-	0.7	-	1.8
29	-	-	-	-	-	0.7	0.0	-	-	-	-	-	-	-
30	-	6.9	6.1	8.6	8.4	-	0.0	-	4.3	17.8	-	-	5.3	4.6
31	-	-	-	-	-	0.2	0.1	-	-	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA AUGUST 75

PH IN PRECIPITATION

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	4.75	7.80	4.40	5.50	4.60	4.75	-	6.90	-	-	-	4.60	4.85	6.30
2	-	5.20	-	-	-	6.30	4.75	-	-	-	-	5.05	-	-
3	-	-	-	-	-	6.20	5.20	-	-	-	-	-	-	-
4	-	-	-	-	-	-	4.75	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	4.15	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	6.30	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	4.05	5.00	5.10	-	-	-	3.75	-	-
15	-	3.90	-	-	4.10	-	5.10	-	4.20	4.50	4.00	4.00	4.15	4.15
16	4.30	4.45	4.15	4.30	4.50	-	4.00	-	4.35	4.45	3.95	4.40	4.50	4.65
17	4.40	-	4.50	5.10	4.50	-	-	-	-	-	-	-	-	4.75
18	-	-	-	-	-	-	-	4.90	-	-	-	-	4.60	-
19	-	-	-	-	-	-	6.40	-	-	-	-	-	-	-
20	3.85	4.60	3.90	4.00	3.90	4.55	4.50	6.60	4.25	4.05	4.10	4.20	3.90	4.10
21	-	-	-	5.00	4.30	5.00	4.80	6.00	5.80	-	4.05	4.30	-	4.25
22	-	-	4.50	4.60	-	5.70	-	4.70	-	4.85	-	4.80	-	-
23	4.55	5.15	5.55	5.20	5.50	5.10	5.20	-	-	4.70	-	5.00	4.55	5.10
24	-	-	-	-	-	5.30	4.85	5.00	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	5.20	5.20	-	-	-	-	4.00	-	-
27	-	-	-	5.10	-	4.85	5.25	-	5.35	-	-	5.10	-	5.10
28	-	-	-	3.90	-	5.35	5.20	5.00	4.25	4.80	-	4.80	-	4.15
29	-	-	-	-	-	5.40	5.45	-	-	-	-	-	-	-
30	-	4.20	4.60	4.15	4.30	-	4.95	-	4.25	4.90	-	-	4.30	4.20
31	-	-	-	-	-	5.20	5.20	-	-	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA AUGUST 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	16	-	40	-	25	24	-	-	-	-	-	27	14	-
2	-	-	-	-	-	-141	14	-	-	-	-	5	-	-
3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
4	-	-	-	-	-	-	16	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	71	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	89	13	-3	-	-	-	180	-	-
15	-	125	-	-	80	-	10	-	63	35	94	98	89	71
16	53	35	71	58	35	-	100	-	45	35	115	45	44	28
17	45	-	34	-1	39	-	-	-	-	-	-	-	-	18
18	-	-	-	-	-	-	-	13	-	-	-	-	36	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	184	29	125	111	125	28	32	-	56	89	88	63	170	80
21	-	-	-	11	50	3	17	-	24	-	89	50	-	56
22	-	-	32	33	-	-	-	28	-	14	-	15	-	-
23	29	-	-	1	-	-	4	-	-	24	-	11	41	8
24	-	-	-	-	-	-3	14	9	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-1	4	-	-	-	-	88	-	-
27	-	-	-	-	-	14	-2	-	-3	-	-	8	-	-
28	-	-	-	153	-	-5	-2	9	56	21	-	21	-	71
29	-	-	-	-	-	-	-2	-	-	-	-	-	-	-
30	-	63	29	71	50	-	11	-	56	13	-	-	61	63
31	-	-	-	-	-	-8	0	-	-	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA AUGUST 75

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	4	-	2	2	0	7	-	6	0	0	0	23	0	2
2	0	-	0	0	0	6	6	-	0	0	0	5	0	0
3	0	0	0	0	0	5	6	0	0	0	0	0	0	0
4	0	0	0	0	0	0	11	-	0	0	0	0	0	0
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	-	0	0	0	0	0	0	0
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	9	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	9	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0
14	0	0	0	0	0	56	5	10	0	0	0	30	0	0
15	0	63	0	0	46	0	2	0	22	53	32	22	7	77
16	43	53	133	61	29	0	8	0	19	81	24	32	42	21
17	9	0	3	9	4	0	0	-	0	0	0	-	0	1
18	0	0	0	0	-	0	0	2	0	0	0	0	2	0
19	-	0	0	0	-	0	0	0	0	0	0	0	0	0
20	41	51	50	35	68	6	3	5	13	40	25	22	51	31
21	0	0	0	10	4	6	7	3	3	0	7	2	0	1
22	0	0	5	7	0	1	0	16	0	1	0	7	0	0
23	5	2	0	1	2	0	0	0	0	5	0	5	4	7
24	0	0	0	0	0	3	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	3	1	0	0	0	0	14	0	0
27	0	0	0	1	0	2	3	0	14	0	0	5	0	0
28	0	0	0	79	0	2	7	1	31	2	0	15	0	28
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	7	28	17	35	0	0	0	41	15	0	0	141	42
31	0	0	0	0	0	1	1	0	0	0	0	-	0	0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA AUGUST 75

PRECIPITATED ACID (MICROEQUIVALENTS PER M2)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	28	-	15	-	8	138	-	-	0	0	0	447	7	-
2	0	-	0	0	0-1023	70	-	0	0	0	0	48	0	0
3	0	0	0	0	0	-	9	0	0	0	0	0	0	0
4	0	0	0	0	0	0	131	-	0	0	0	0	0	0
5	0	0	0	0	0	0	-	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	-	0	0	0	0	0	0	0
8	0	0	0	0	0	0	-	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	57	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	-	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	-	0	0	0	0	0	0	0
14	0	0	0	0	0	499	169	-9	0	0	0	286	0	0
15	0	895	0	0	494	0	56	0	477	665	359	374	1660	1125
16	1063	841	1921	1023	537	0	150	0	458	1062	410	573	1160	585
17	195	0	95	-5	94	0	0	-	0	0	0	-	0	17
18	0	0	0	0	-	0	0	12	0	0	0	0	84	0
19	-	0	0	0	-	0	-	0	0	0	0	0	0	0
20	820	164	947	678	1011	144	80	-	111	714	392	497	1071	578
21	0	0	0	49	45	13	204	-	69	0	156	56	0	34
22	0	0	51	130	0	-	0	365	0	10	0	196	0	0
23	42	-	-	6	-	-	11	0	0	183	0	123	89	19
24	0	0	0	0	0	-14	21	49	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	-4	24	0	0	0	0	280	0	0
27	0	0	0	-	0	24	-11	0	-11	0	0	160	0	-
28	0	0	0	2153	0	-21	-26	50	588	82	0	461	0	1125
29	0	0	0	0	0	-	-6	0	0	0	0	0	0	0
30	0	60	131	140	207	0	30	0	542	11	0	0	1615	574
31	0	0	0	0	0	-43	0	0	0	0	0	-	0	0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	21	14	4	1	3
2	4	94	4	1	4
3	3	6	41	1	4
4	4	5	12	6	19
5	1	6	3	3	3
6	8	7	6	1	2
7	1	4	5	1	3
8	1	6	7	2	20
9	4	7	7	2	2
10	6	7	5	3	3
11	6	11	6	3	16
12	4	30	8	1	7
13	5	7	3	3	9
14	3	12	4	1	8
15	3	12	4	2	4
16	7	10	2	5	7
17	2	1	9	4	36
18	3	1	1	3	2
19	5	1	14	4	12
20	4	4	14	1	18
21	4	1	5	1	7
22	1	1	31	1	6
23	8	2	4	1	7
24	4	4	23	8	12
25	3	3	26	2	20
26	2	2	4	2	2
27	5	4	4	2	2
28	2	2	4	2	2
29	2	5	4	2	1
30	4	8	4	2	2
31	7	18	5	2	4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	1.4	1.7	10.5	0.5	0.8
2	0.7	1.2	1.3	1.4	0.3
3	0.9	-	-	0.5	1.0
4	1.6	0.4	2.3	1.1	-
5	6.1	0.3	4.0	1.4	0.1
6	5.7	0.4	6.7	1.9	2.7
7	2.6	1.7	5.5	1.4	2.2
8	4.0	4.7	8.0	2.7	-
9	4.6	9.0	7.2	2.5	-
10	5.5	7.5	7.5	5.3	-
11	11.2	18.4	12.6	5.7	10.1
12	4.2	11.6	0.2	0.8	5.1
13	6.6	8.6	3.7	1.1	5.6
14	10.6	12.7	7.0	0.8	7.2
15	9.7	19.0	13.9	0.7	6.1
16	0.2	7.5	6.7	0.8	4.0
17	0.7	6.5	-	0.9	0.8
18	1.7	7.8	6.1	1.3	1.3
19	2.0	4.0	1.3	2.2	2.2
20	3.0	4.8	2.8	2.0	3.2
21	4.1	1.6	4.2	0.8	2.3
22	1.4	1.3	5.0	0.7	1.7
23	0.0	-	3.3	0.4	0.4
24	0.7	-	1.0	0.3	0.5
25	1.0	-	1.1	0.5	0.8
26	0.6	-	1.1	0.4	2.4
27	3.2	-	2.8	0.4	1.0
28	2.2	-	2.9	0.3	4.2
29	8.5	-	8.6	0.3	2.5
30	8.3	-	10.1	0.7	1.7
31	15.2	-	4.0	4.7	17.7



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	0.25	-	-	0.03
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	0.93	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	0.31	-	-	-
15	-	-	0.70	-	0.32	0.50	0.50
16	0.17	0.24	0.16	-	0.19	0.13	0.08
17	0.20	0.28	-	-	-	-	0.14
18	-	-	-	0.14	-	0.13	-
19	-	-	-	-	-	-	-
20	0.18	0.55	1.20	0.69	0.98	1.29	0.21
21	-	0.19	-	0.37	0.31	-	0.14
22	-	0.19	-	0.15	-	-	-
23	-	0.05	0.18	-	-	0.20	-
24	-	-	-	0.11	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	0.11	-	-	0.26	-	0.10
28	-	0.50	-	0.03	0.28	-	0.27
29	-	-	-	-	-	-	-
30	-	1.01	1.12	-	0.53	0.59	0.45
31	-	-	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	4.16	-	-	0.04
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	0.24	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	0.46	-	-	-
15	-	-	1.29	-	0.30	0.68	0.57
16	0.22	0.27	0.07	-	0.28	0.14	0.04
17	0.14	0.35	-	-	-	-	0.04
18	-	-	-	0.16	-	0.30	-
19	-	-	-	-	-	-	-
20	2.35	0.65	1.76	2.49	1.30	1.00	0.19
21	-	0.50	-	1.44	0.17	-	0.12
22	-	0.11	-	0.13	-	-	-
23	-	0.04	0.05	-	-	0.22	-
24	-	-	-	0.06	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	0.11	-	-	1.00	-	0.04
28	-	0.39	-	0.04	0.04	-	0.08
29	-	-	-	-	-	-	-
30	-	1.21	1.40	-	0.75	0.88	0.86
31	-	-	-	-	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

AUGUST 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	0.24	-	0.44
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	-	0.47	0.28
16	0.12	0.09	0.14
17	0.08	0.17	-
18	-	-	0.08
19	-	-	-
20	0.21	0.16	0.25
21	-	0.27	-
22	-	-	-
23	0.24	0.48	0.07
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	0.21
31	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	0.0	0.0	0.0	0.0	0.0	16.8	5.5	0.0	0.0	0.0	0.0	3.2	-	0.0	0.2
2	0.0	0.0	0.5	0.0	0.0	0.0	11.4	0.0	3.0	0.0	0.0	0.6	-	0.0	0.0
3	5.9	1.4	1.3	9.9	0.0	26.0	4.8	1.8	2.9	1.6	6.2	5.0	-	2.9	0.6
4	0.0	0.0	0.4	1.5	0.0	23.2	2.5	0.0	0.0	0.0	0.0	20.7	-	0.0	0.0
5	0.0	0.0	3.5	5.1	5.8	3.8	7.6	9.4	0.0	4.4	0.0	7.3	-	0.0	1.7
6	0.0	0.0	0.8	0.0	0.0	0.0	6.5	3.3	0.0	0.0	0.6	0.0	-	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
8	21.0	8.3	24.2	53.5	15.9	17.3	9.7	5.5	4.4	0.0	6.7	25.0	-	11.0	18.7
9	13.4	24.6	24.4	23.1	27.1	23.7	2.8	2.8	31.8	0.4	5.7	15.3	-	18.0	7.8
10	8.3	6.7	0.4	18.0	0.2	13.4	10.8	7.8	4.2	2.3	0.5	8.8	-	3.3	3.3
11	16.4	19.2	14.2	14.4	11.7	4.1	1.9	2.1	7.3	16.2	6.7	11.5	-	17.6	7.7
12	20.7	39.0	26.0	6.1	30.8	0.0	7.3	12.9	4.2	3.1	9.5	0.0	-	17.8	0.4
13	12.7	33.7	0.8	4.3	14.8	7.5	0.3	15.8	3.7	15.3	23.7	3.8	-	12.2	9.0
14	3.5	0.0	12.6	14.0	3.1	2.4	5.3	0.2	0.0	0.0	13.4	0.0	-	3.0	10.8
15	0.0	0.0	0.0	0.0	0.0	34.6	16.1	0.6	0.0	0.0	0.0	4.5	-	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	16.0	9.9	0.0	0.0	0.0	0.0	43.0	-	0.0	0.0
17	11.1	3.0	5.1	16.8	3.5	5.5	12.0	0.7	1.0	2.0	1.8	9.9	-	1.1	4.7
18	5.4	5.3	8.0	21.5	4.5	22.3	3.0	7.0	4.1	3.1	1.9	17.9	-	3.3	12.4
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	-	0.0	0.0
20	10.8	6.1	8.9	29.4	10.6	16.1	2.7	2.1	6.7	0.0	3.9	23.9	-	11.3	18.3
21	4.0	0.7	5.5	13.4	2.5	7.5	9.7	2.0	0.0	0.0	0.4	3.2	-	1.9	7.8
22	0.0	0.0	2.0	19.0	0.0	43.5	29.2	1.9	1.9	0.0	0.0	70.3	-	0.0	5.5
23	1.5	0.0	5.4	10.2	0.0	29.4	17.6	1.8	0.0	0.0	0.0	16.9	-	0.0	15.3
24	28.3	5.5	15.5	49.7	10.3	40.8	14.9	6.2	16.0	0.4	6.0	29.3	-	5.0	13.4
25	52.5	37.2	23.8	68.2	25.9	9.2	6.5	22.0	27.5	5.5	13.8	35.2	-	18.1	25.5
26	4.1	1.3	6.0	24.8	4.7	5.5	12.8	2.0	4.2	1.8	2.2	8.0	-	6.7	10.2
27	22.6	22.7	24.7	16.2	21.2	5.2	2.8	2.7	13.5	12.1	8.6	1.7	-	20.9	11.3
28	0.0	0.0	1.0	13.1	0.0	20.1	1.4	2.2	0.0	0.0	0.0	0.8	-	0.0	9.5
29	0.0	0.6	1.9	4.7	0.3	0.0	1.0	0.0	0.0	0.0	0.0	3.8	-	0.0	0.0
30	36.9	31.8	21.3	32.4	36.2	12.7	0.2	0.9	0.0	12.4	1.3	30.6	-	34.7	9.7

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	0.0	0.0	0.0	0.0	17.9	5.5	0.0	-	0.0	-	4.3	-	-	-
2	-	0.0	0.8	0.0	0.0	0.4	11.4	0.0	-	0.0	-	1.0	-	-	-
3	-	1.4	2.0	9.5	0.0	27.1	4.8	1.9	-	1.8	-	5.5	-	-	-
4	-	0.0	0.2	1.2	0.0	24.0	2.5	0.0	-	0.0	-	20.5	-	-	-
5	-	0.0	4.5	5.2	5.8	4.5	7.6	10.0	-	4.5	-	7.5	-	-	-
6	-	0.0	0.3	0.0	0.0	0.4	6.5	3.3	-	0.0	-	0.0	-	-	-
7	-	0.0	0.0	0.0	0.0	0.1	16.0	0.0	-	0.0	-	0.0	-	-	-
8	-	8.3	23.2	52.9	15.8	18.2	9.7	6.0	-	0.0	-	25.5	-	-	-
9	-	24.5	22.3	22.5	26.2	23.2	2.8	3.3	-	0.8	-	15.5	-	-	-
10	-	6.6	0.4	17.7	0.3	14.0	10.8	8.1	-	2.2	-	9.2	-	-	-
11	-	19.0	14.2	15.2	14.5	4.4	1.9	2.1	-	15.9	-	12.0	-	-	-
12	-	34.5	25.0	6.8	30.4	0.1	7.3	13.5	-	2.3	-	0.0	-	-	-
13	-	32.0	1.4	4.1	14.5	7.7	0.3	15.8	-	15.9	-	4.2	-	-	-
14	-	0.0	12.2	13.5	3.1	2.6	5.3	0.2	-	0.0	-	0.0	-	-	-
15	-	0.0	0.0	0.0	0.0	35.5	16.1	0.6	-	0.0	-	4.2	-	-	-
16	-	0.0	0.0	0.0	0.0	17.0	9.9	0.0	-	0.0	-	49.0	-	-	-
17	-	3.0	6.2	16.5	3.5	5.9	12.0	0.8	-	2.0	-	11.0	-	-	-
18	-	5.0	8.1	21.1	4.8	22.5	3.0	7.0	-	3.0	-	17.6	-	-	-
19	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-	0.0	-	0.0	-	-	-
20	-	6.7	8.8	29.6	10.4	18.7	2.7	2.2	-	0.0	-	24.0	-	-	-
21	-	0.9	6.6	13.9	2.7	8.0	9.7	2.0	-	0.0	-	4.4	-	-	-
22	-	0.0	2.1	19.4	0.0	44.4	29.2	2.0	-	0.0	-	69.8	-	-	-
23	-	0.0	5.7	10.0	0.0	31.4	17.6	1.8	-	0.0	-	18.0	-	-	-
24	-	5.6	16.2	49.4	11.0	40.5	14.9	6.2	-	0.6	-	31.5	-	-	-
25	-	37.4	24.1	68.5	25.6	10.3	6.5	23.0	-	5.6	-	41.0	-	-	-
26	-	1.4	7.6	24.0	5.5	5.8	12.8	2.2	-	1.9	-	8.0	-	-	-
27	-	21.8	24.2	15.9	21.1	5.6	2.8	3.0	-	11.9	-	3.4	-	-	-
28	-	0.0	1.3	13.5	0.0	20.6	1.4	2.4	-	0.0	-	1.1	-	-	-
29	-	0.2	1.6	4.9	0.5	0.3	1.0	0.0	-	0.0	-	5.5	-	-	-
30	-	30.6	20.4	32.0	36.1	13.2	0.2	0.9	-	12.0	-	31.5	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	-	-	-	-	0.03	0.14	-	-	-	-	-	-	-	-
2	-	-	0.21	-	-	-	0.02	-	0.09	-	-	-	-	-	-
3	0.09	0.16	0.09	0.04	-	0.02	0.05	0.12	0.04	0.06	1.63	0.28	-	0.08	-
4	-	-	0.70	0.21	-	0.02	0.03	-	-	-	-	0.16	-	-	-
5	-	-	0.42	0.04	0.11	0.09	0.33	0.02	-	0.03	-	0.08	-	-	0.05
6	-	-	-	-	-	-	0.11	0.01	-	-	-	-	0.08	-	-
7	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	-
8	0.30	0.15	1.13	0.05	0.16	0.01	0.05	0.03	0.18	-	1.28	0.19	-	0.21	0.01
9	0.16	0.04	0.53	0.06	0.06	0.01	0.02	-	0.01	-	1.00	0.20	-	0.04	0.03
10	0.06	0.06	-	0.05	-	0.02	0.01	0.02	0.13	0.03	-	0.16	-	0.21	0.10
11	0.11	0.11	0.37	0.02	0.05	0.01	0.05	0.07	0.05	0.02	0.78	0.04	-	0.10	0.03
12	0.05	0.01	0.25	0.02	0.02	-	0.02	0.01	0.06	0.01	0.22	-	-	0.02	-
13	0.05	0.02	0.48	0.03	0.01	0.01	-	0.02	0.04	0.01	0.16	0.05	-	0.01	0.01
14	0.04	-	0.31	0.04	0.03	0.01	0.03	-	-	-	0.02	-	-	0.03	0.01
15	-	-	-	-	-	0.01	0.37	0.10	-	-	-	1.33	-	-	-
16	-	-	-	-	-	0.01	1.40	-	-	-	-	0.08	-	-	-
17	0.21	0.07	1.51	0.12	0.24	0.01	0.01	0.10	0.36	0.09	3.22	0.09	-	0.29	0.03
18	0.32	0.20	0.33	0.06	0.22	0.01	0.18	0.04	0.11	0.07	1.77	0.07	-	-	0.02
19	-	-	-	-	-	-	-	-	-	-	-	-	0.26	-	-
20	0.10	0.01	0.89	0.05	0.04	0.01	0.05	0.01	0.06	-	1.90	0.38	-	0.03	0.03
21	0.21	0.17	2.45	0.47	0.23	0.04	0.25	0.03	-	-	-	1.92	-	0.09	0.21
22	-	-	3.80	0.16	-	0.01	0.09	0.02	0.36	-	-	0.21	0.27	-	0.06
23	0.76	-	4.00	0.42	-	0.06	0.03	0.01	-	-	-	0.67	-	-	0.07
24	0.07	0.08	2.29	0.03	0.03	0.01	0.02	-	0.15	0.09	3.10	0.27	-	0.08	0.06
25	0.14	0.05	2.36	0.03	0.02	0.12	0.01	0.01	0.06	0.01	1.08	0.14	-	0.07	0.01
26	0.76	0.04	3.25	0.18	0.05	0.11	0.01	0.01	0.21	0.01	1.86	0.99	-	0.16	0.08
27	0.09	0.06	0.25	0.16	0.01	0.16	0.30	0.07	0.04	0.01	0.71	0.17	0.01	0.01	0.03
28	-	-	-	0.15	-	0.01	0.06	0.04	-	-	-	1.13	-	-	0.03
29	-	0.72	1.92	0.04	-	-	0.79	-	-	-	-	0.09	-	-	-
30	0.29	0.15	0.44	0.01	0.01	0.01	-	0.04	-	0.02	1.57	0.01	-	0.05	0.01

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	-	-	-	-	0.4	0.2	-	-	-	-	1.2	-	-	6.3
2	-	-	9.6	-	-	-	0.1	-	8.2	-	-	9.3	-	-	-
3	8.7	15.9	7.3	6.4	-	1.3	0.8	4.4	9.2	5.0	15.7	4.7	-	6.1	-
4	-	-	4.5	3.0	-	0.4	0.4	-	-	-	-	0.4	-	-	-
5	-	-	2.6	1.1	4.9	0.4	0.2	0.4	-	0.7	-	0.4	-	-	4.7
6	-	-	0.6	-	-	-	0.1	0.1	-	-	15.0	-	0.4	-	-
7	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-
8	3.9	3.9	3.5	2.6	3.0	2.1	0.2	2.6	4.7	-	3.6	3.8	-	2.9	1.5
9	1.6	1.6	1.7	1.2	1.4	0.7	0.1	1.2	1.8	5.8	2.9	1.2	-	1.0	1.4
10	0.8	2.0	-	1.4	-	0.7	0.3	0.4	2.3	1.3	6.5	0.6	-	8.3	4.0
11	2.6	2.2	2.2	1.3	2.1	1.2	1.2	1.2	2.1	1.3	3.3	0.8	-	2.3	0.5
12	2.6	2.2	2.6	0.9	1.5	-	1.8	1.9	1.7	2.1	3.9	-	-	1.3	1.9
13	0.9	1.2	2.4	0.4	0.7	1.0	0.1	3.1	4.4	2.2	2.2	0.5	-	0.7	0.6
14	1.0	-	1.6	0.4	2.5	0.6	0.5	-	-	-	1.8	-	1.2	2.2	0.7
15	-	-	-	-	-	0.4	0.3	4.3	-	-	-	2.5	-	-	-
16	-	-	-	-	-	0.4	0.4	-	-	-	-	1.0	-	-	-
17	3.6	1.8	0.0	4.1	7.7	2.1	1.2	4.3	9.0	12.9	6.3	4.3	-	8.1	3.8
18	7.9	6.0	4.6	3.5	8.1	0.9	0.4	3.4	5.3	6.8	13.0	1.8	-	-	2.1
19	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-
20	4.1	3.0	3.5	2.3	3.7	0.6	0.8	4.9	6.5	-	3.8	1.5	-	4.9	9.7
21	1.1	1.3	0.9	0.7	0.9	0.4	0.8	3.7	-	-	6.3	0.3	-	2.1	0.0
22	-	-	5.6	2.7	-	0.1	0.1	0.1	3.9	-	-	1.5	0.9	-	1.5
23	5.2	-	4.7	1.4	-	0.5	0.2	1.8	-	-	-	1.5	-	-	0.5
24	1.8	1.6	1.8	0.8	1.3	0.1	0.4	1.0	1.5	4.5	4.0	1.4	-	1.5	0.5
25	1.4	1.4	1.7	0.7	1.0	0.2	0.4	0.6	2.0	1.6	1.8	1.5	-	1.1	0.6
26	1.0	1.0	0.0	0.2	0.8	0.2	0.4	0.4	2.0	0.6	1.7	0.3	-	0.4	0.4
27	0.7	1.2	0.7	1.0	0.9	0.1	0.4	1.2	1.4	0.4	1.8	0.5	2.1	0.6	0.4
28	-	-	14.2	1.0	-	0.1	0.0	2.9	-	-	-	0.5	-	-	0.1
29	-	3.4	4.5	2.6	6.3	-	0.3	-	-	-	-	0.4	9.3	-	-
30	5.8	5.4	9.1	3.9	5.1	1.5	-	2.9	-	6.0	22.2	1.8	-	5.1	4.2

## NORWEGIAN INSTITUTE FOR AIR RESEARCH

## LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - SEPTEMBER 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 05	GJERSTAD	P	58 53 N	8 57 E	240
3	N 06	LISTA	P	58 03 N	7 27 E	138
4	N 08	SKREADALEN	P	58 49 N	6 43 E	475
5	N 10	TOVDAL	P	58 48 N	8 14 E	227
6	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
7	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
8	N 16	TAGMYRA	P	61 25 N	12 04 E	536
9	N 18	LØKEN	P	59 48 N	11 27 E	150
10	N 20	GRIMELID	P	60 08 N	9 36 E	367
11	N 22	VASSER	PA	59 04 N	10 26 E	35
12	N 24	FITJAR	P	59 55 N	5 19 E	20
13	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
14	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
15	N 27	VATNEALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

PH IN PRECIPITATION

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	-	-	-	-	5.05	5.15	-	-	-	-	5.15	-	-	-
2	-	-	3.90	-	-	-	5.00	-	4.40	-	-	3.85	-	-	-
3	3.75	3.75	3.90	3.95	-	4.70	4.90	5.80	3.90	4.30	3.80	4.15	-	3.85	-
4	-	-	4.55	4.55	-	5.55	5.40	-	-	-	-	4.80	-	-	-
5	-	-	4.45	4.50	4.10	4.55	5.40	5.25	-	5.25	-	4.70	-	-	6.65
6	-	-	5.00	-	-	-	5.35	5.40	-	-	4.45	-	6.10	-	-
7	-	-	-	-	-	-	5.35	-	-	-	-	-	-	-	-
8	4.10	4.30	4.15	4.30	4.35	4.60	5.05	4.45	4.60	-	4.40	4.00	-	4.30	4.55
9	4.40	4.70	4.40	4.65	4.65	5.20	5.30	5.80	4.60	4.65	4.20	4.55	-	4.65	4.55
10	4.75	4.45	-	4.55	-	5.35	5.10	5.35	4.50	4.60	-	5.10	-	3.95	6.45
11	4.30	4.40	4.30	4.60	4.45	5.10	4.60	4.35	4.30	4.70	4.35	4.50	-	4.30	5.90
12	4.20	4.60	4.30	4.65	4.55	-	4.40	4.60	4.45	4.30	4.10	-	-	4.55	6.40
13	4.60	4.70	4.50	4.70	4.60	5.10	4.85	4.25	4.20	4.35	4.25	4.65	-	4.80	4.85
14	4.70	-	4.50	4.75	4.40	6.00	4.60	-	-	-	4.40	-	6.55	4.30	4.80
15	-	-	-	-	-	5.30	5.15	4.25	-	-	-	4.50	-	-	-
16	-	-	-	-	-	5.40	5.05	-	-	-	-	4.70	-	-	-
17	4.00	4.30	4.15	4.10	4.80	4.55	4.70	4.25	4.25	3.70	3.95	4.20	-	3.75	4.15
18	4.15	4.40	4.10	4.30	4.50	5.40	5.05	4.60	4.50	4.00	4.50	4.50	-	4.40	4.40
19	-	-	-	-	-	-	-	-	-	-	-	-	6.90	-	-
20	4.20	4.40	4.20	4.40	4.40	5.50	4.70	4.30	4.10	-	4.25	4.55	-	4.20	4.50
21	4.60	5.70	5.10	5.00	5.30	5.60	5.10	4.90	-	-	4.65	5.40	-	4.35	5.50
22	-	-	4.00	4.30	-	5.15	5.25	5.50	5.20	-	-	4.60	5.90	-	4.40
23	4.15	-	4.35	4.60	-	4.90	5.25	4.60	-	-	-	4.75	-	-	4.70
24	4.50	4.60	4.50	4.70	4.75	5.55	5.15	5.20	4.55	4.25	4.40	4.70	-	4.50	4.75
25	4.55	4.70	4.45	4.80	4.65	5.25	5.05	5.25	4.45	4.60	4.55	4.60	-	4.60	4.80
26	4.85	5.45	4.95	5.00	4.90	5.20	4.85	5.40	4.80	4.70	4.80	5.00	-	4.95	4.85
27	4.75	4.60	4.80	4.80	4.70	5.35	5.35	6.55	4.60	4.70	4.50	4.90	6.60	4.55	4.85
28	-	-	5.65	4.85	-	5.40	5.20	4.60	-	-	-	4.85	-	-	5.20
29	-	4.30	4.35	4.50	4.45	-	5.90	-	-	-	-	4.85	3.80	-	-
30	4.35	4.10	4.00	4.25	4.25	4.90	-	4.60	-	4.10	3.90	4.45	-	4.15	4.25

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	-	-	-	-	6	0	-	-	-	-	-108	-	-	-
2	-	-	125	-	-	-	2	-	40	-	-	140	-	-	-
3	204	180	125	159	-	22	11	-	125	50	219	74	-	162	-
4	-	-	28	28	-	-14	-	-	-	-	-	16	-	-	-
5	-	-	39	28	80	-17	1	8	-	2	-	20	-	-	-
6	-	-	10	-	-	-	-1	0	-	-	35	-	-	-	-
7	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-
8	98	50	71	55	45	27	5	35	28	-	44	86	-	49	5
9	44	34	40	22	21	4	-	-10	30	22	61	26	-	20	17
10	12	35	-	31	-	-1	-23	-5	42	16	-	4	-	133	-501
11	54	40	50	24	35	9	25	45	50	15	41	25	-	50	-72
12	65	30	50	28	27	-	40	27	35	50	73	-	-	32	-
13	23	22	32	25	24	3	14	56	63	45	48	22	-	16	1
14	27	-	29	17	40	15	21	-	-	-	36	-	-	56	18
15	-	-	-	-	-	1	1	56	-	-	-	34	-	-	-
16	-	-	-	-	-	-1	4	-	-	-	-	23	-	-	-
17	121	50	68	96	6	34	23	56	56	200	112	80	-	207	71
18	73	40	77	51	26	0	9	21	44	100	32	39	-	40	40
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	73	40	63	42	40	9	20	50	80	-	64	35	-	70	40
21	27	-	7	4	29	-3	6	13	-	-	22	1	-	40	-13
22	-	-	100	55	-	7	2	-	-	-	-	33	-	-	40
23	71	-	45	23	-	12	3	25	-	-	-	20	-	-	14
24	32	33	37	17	28	1	1	6	22	56	51	21	-	17	12
25	27	22	35	12	26	6	9	-	35	37	33	25	-	-2	10
26	13	-	12	4	14	6	11	-	18	20	16	11	-	1	5
27	28	21	17	15	20	2	-	-	4	22	38	13	-	24	8
28	-	-	-	17	-	7	-	48	-	-	-	14	-	-	-2
29	-	50	45	38	35	-	-	-	-	-	-	16	160	-	-
30	45	80	100	59	56	14	-	48	-	80	125	42	-	61	56

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	2	30	6	1	6
2	1	33	6	1	4
3	2	16	4	1	3
4	2	15	7	1	2
5	2	11	10	1	1
6	2	4	9	1	3
7	2	2	7	1	2
8	2	1	4	1	1
9	3	3	2	1	1
10	1	1	2	1	1
11	2	2	2	1	3
12	5	2	4	1	2
13	2	2	2	1	2
14	1	1	2	1	1
15	2	3	4	1	3
16	2	2	3	1	2
17	4	5	5	1	9
18	6	3	6	1	-
19	2	2	3	4	2
20	1	4	4	2	2
21	1	2	2	2	2
22	6	4	4	1	4
23	3	2	6	2	4
24	3	2	2	1	1
25	3	2	4	1	1
26	3	2	1	1	2
27	2	-	3	1	4
28	1	-	3	1	2
29	4	-	5	1	2
30	6	-	6	1	2

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	1.7	-	1.9	0.5	2.2
2	2.0	-	10.5	0.6	1.2
3	4.9	-	6.8	0.9	3.9
4	2.1	-	1.0	0.3	1.1
5	4.6	-	2.4	0.2	2.2
6	4.8	-	1.5	0.2	1.1
7	0.7	-	-	0.5	0.6
8	3.3	-	2.4	0.8	1.2
9	3.3	-	1.2	0.5	1.6
10	3.9	-	1.1	0.4	0.6
11	0.9	-	3.1	0.6	1.3
12	3.9	-	5.8	1.9	2.9
13	0.7	-	2.4	1.3	1.4
14	0.2	1.2	3.5	2.1	1.9
15	1.5	1.6	3.2	0.7	1.3
16	3.6	3.1	3.0	-	1.8
17	3.7	6.3	11.3	-	6.8
18	4.3	2.7	7.7	1.0	-
19	1.1	1.4	3.0	0.7	0.9
20	5.2	2.5	6.6	1.7	3.1
21	0.9	0.8	0.8	0.3	0.5
22	4.7	2.9	5.0	0.2	2.8
23	2.4	1.2	0.2	1.2	1.7
24	2.1	1.3	0.4	0.2	1.2
25	2.9	1.2	4.1	0.1	1.4
26	0.8	1.0	1.1	0.2	0.6
27	5.5	1.0	0.4	0.5	0.5
28	0.6	0.6	0.8	0.2	0.4
29	4.1	2.9	1.1	0.9	2.5
30	5.4	2.3	0.3	1.1	2.1

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

SULPHATE (MILLIGRAMS PER M2)

	05 N	06 N	08 N	10 N	14 N	15 N	16 N	18 N	20 N	22 N	24 N	26 N	27	
0	0	0	0	0	7	1	0	0	0	0	4	0	1	
1	0	5	0	0	0	1	0	25	0	0	6	0	0	
51	23	10	63	0	34	4	8	26	8	97	23	18	-	
2	0	2	4	0	9	1	0	0	0	0	9	0	0	
3	0	9	6	28	2	2	4	0	3	0	3	0	8	
4	0	0	0	0	0	0	0	0	0	10	0	0	0	
7	0	0	0	0	0	2	0	0	0	0	0	0	0	
8	81	32	85	139	47	36	2	15	21	0	24	95	31	28
9	22	39	43	28	37	17	0	3	57	2	16	19	17	11
10	6	13	-	25	-	9	3	3	10	3	3	5	28	13
11	43	42	32	19	25	5	2	3	16	21	22	9	41	4
12	54	87	68	5	45	0	13	25	7	6	37	0	23	1
13	12	39	2	2	11	8	0	49	16	34	53	2	9	5
14	3	0	20	5	8	1	3	-	0	0	24	0	6	8
15	0	0	0	0	0	15	4	2	0	0	0	11	0	0
16	0	0	0	0	0	7	4	0	0	0	0	44	0	0
17	40	5	0	69	27	12	14	3	9	26	11	43	9	18
18	43	32	36	75	36	20	1	24	22	21	25	32	-	25
19	0	0	0	0	0	0	-	0	0	0	0	0	0	0
20	45	18	32	68	39	9	2	11	43	0	15	35	55	178
21	4	1	5	9	2	3	8	7	0	0	3	1	4	0
22	0	0	11	51	0	6	3	0	7	0	0	106	0	8
23	8	0	25	14	0	14	4	3	0	0	0	25	0	7
24	51	9	28	42	13	5	6	6	24	2	24	41	7	6
25	71	52	40	47	26	2	3	13	54	9	25	53	19	15
26	4	1	0	6	4	1	5	1	8	1	4	3	3	4
27	16	28	17	16	19	1	1	3	19	5	16	1	12	4
28	0	0	15	14	0	3	0	6	0	0	0	0	0	1
29	0	2	9	12	2	0	0	0	0	0	0	2	0	0
30	216	171	195	126	184	19	-	3	0	74	28	54	179	41

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

PRECIPITATED ACID (MICROEQUIVALENTS PER M2)

DATE	01 N	05 N	06 N	08 N	10 N	14 N	15 N	16 N	18 N	20 N	22 N	24 N	26 N	27
1	0	0	0	0	0	101	0	0	0	0	0	-351	0	-
2	0	0	60	0	0	0	23	0	120	0	0	89	0	0
3	1195	258	167	1579	0	573	53	-	358	81	1359	372	464	-
4	0	0	11	41	0	-324	-	0	0	0	0	331	0	0
5	0	0	137	143	463	-64	8	75	0	9	0	146	0	-
6	0	0	8	0	0	0	-7	0	0	0	22	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	2059	414	1718	2945	713	468	48	194	123	0	294	2149	538	93
9	588	838	975	508	570	95	-	-28	955	9	350	397	360	132
10	100	234	-	559	-	-13	-248	-39	176	37	-	35	445-1659	-
11	883	766	708	345	410	37	47	95	363	243	274	286	882	-557
12	1345	1171	1302	171	832	0	292	348	147	156	697	0	570	-
13	293	741	24	107	354	23	4	884	233	690	1138	84	195	9
14	95	0	365	238	122	35	111	-	0	0	481	0	166	195
15	0	0	0	0	0	35	16	32	0	0	0	152	0	0
16	0	0	0	0	0	-16	40	0	0	0	0	988	0	0
17	1348	151	346	1613	21	188	276	41	57	407	196	794	217	337
18	395	211	613	1097	116	0	27	148	182	312	61	698	134	494
19	0	0	0	0	0	0	-	0	0	0	0	0	0	0
20	790	244	561	1235	423	145	54	107	535	0	253	836	793	733
21	108	-	39	53	74	-23	58	26	0	0	9	3	76	-102
22	0	0	197	1047	0	305	58	-	-	0	0	2321	0	220
23	108	0	244	234	0	353	53	45	0	0	0	337	0	214
24	907	181	575	845	289	41	15	37	352	25	308	615	84	160
25	1418	819	832	818	674	55	59	-	963	204	457	879	-36	255
26	54	-	73	99	66	33	141	-	76	36	36	88	7	51
27	633	476	420	243	424	10	-	-	54	266	327	22	503	90
28	0	0	-	223	0	141	-	107	0	0	0	11	0	-19
29	0	29	86	179	11	0	-	0	0	0	0	61	0	0
30	1662	2546	2133	1912	2025	177	-	41	0	993	159	1283	2116	545



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 03	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-
2	-	-	-	-	0.95	-	-
3	1.01	0.88	-	0.34	0.55	0.80	-
4	-	0.42	-	-	-	-	-
5	-	0.10	0.64	0.03	-	-	-
6	-	-	-	0.03	-	-	-
7	-	-	-	-	-	-	-
8	0.67	0.23	0.44	0.17	0.03	0.31	0.11
9	0.26	0.03	0.11	-	0.03	0.09	0.11
10	0.05	0.11	-	0.11	0.03	1.47	0.05
11	0.28	0.10	0.16	0.32	0.03	0.25	0.06
12	0.50	0.21	0.17	0.14	0.15	0.19	0.27
13	0.19	0.14	0.15	0.25	0.41	0.06	0.11
14	0.11	0.10	0.29	-	-	0.37	0.08
15	-	-	-	0.62	-	-	-
16	-	-	-	-	-	-	-
17	0.95	0.71	1.31	0.62	4.75	-	0.47
18	0.18	0.40	1.70	0.21	0.03	-	0.19
19	-	-	-	-	-	-	-
20	0.78	0.26	0.59	0.76	0.77	0.65	0.16
21	0.20	0.06	-	0.03	-	0.18	0.03
22	-	0.29	-	0.08	0.53	-	0.15
23	-	0.09	-	0.03	-	-	0.07
24	0.13	0.06	0.03	-	0.03	0.08	0.08
25	0.18	0.07	0.03	0.03	0.28	0.13	0.06
26	0.07	0.03	0.03	0.07	0.09	0.05	0.03
27	-	0.03	0.03	0.20	0.18	0.18	0.10
28	-	0.08	-	0.23	-	-	0.03
29	-	0.23	0.03	-	-	-	-
30	0.61	0.35	0.36	0.23	-	0.36	1.21

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 03	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-
2	-	-	-	-	1.56	-	-
3	0.60	0.68	-	1.34	0.89	0.29	-
4	-	0.33	-	-	-	-	-
5	-	0.08	0.44	0.04	-	-	-
6	-	-	-	0.04	-	-	-
7	-	-	-	-	-	-	-
8	0.39	0.12	0.27	0.18	0.05	0.17	0.10
9	0.11	0.04	0.04	-	0.04	0.03	0.22
10	0.04	0.04	-	0.21	0.04	1.20	1.05
11	0.23	0.05	0.04	0.19	0.04	0.16	1.25
12	0.32	0.04	0.04	0.26	0.04	0.12	-
13	0.10	0.04	0.04	0.24	0.47	0.01	0.17
14	0.13	0.05	0.09	-	-	0.22	0.06
15	-	-	-	0.57	-	-	-
16	-	-	-	-	-	-	-
17	0.47	0.60	2.65	0.57	1.52	-	0.37
18	2.20	0.33	2.41	0.44	0.30	-	0.12
19	-	-	-	-	-	-	-
20	0.85	0.28	0.65	1.24	1.33	0.90	0.14
21	0.12	0.09	-	0.04	-	0.09	0.22
22	-	0.16	-	0.21	0.14	-	0.15
23	-	0.11	-	0.04	-	-	0.04
24	0.12	0.04	0.04	-	0.04	0.01	0.05
25	0.12	0.04	0.04	0.04	0.16	0.06	0.04
26	0.05	0.04	0.04	0.09	0.04	0.02	0.04
27	-	0.04	0.04	0.15	0.09	0.02	0.04
28	-	0.04	-	0.51	-	-	0.04
29	-	0.18	0.04	-	-	-	-
30	1.05	0.46	0.57	0.51	-	0.70	0.51

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

SEPTEMBER 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	-	-	-
3	0.39	-	0.36
4	-	-	-
5	-	0.31	-
6	-	-	-
7	-	-	-
8	0.20	0.19	0.30
9	0.09	-	0.03
10	0.05	-	1.28
11	0.06	0.04	0.06
12	0.02	0.03	0.01
13	0.01	0.02	0.01
14	0.04	0.02	0.03
15	-	-	-
16	-	-	-
17	0.25	-	1.13
18	2.16	1.39	-
19	-	-	-
20	0.13	0.07	0.03
21	0.10	-	0.09
22	-	-	-
23	0.52	-	-
24	0.06	0.10	0.08
25	0.11	0.04	0.13
26	0.32	0.05	0.22
27	0.08	0.02	0.02
28	-	-	-
29	-	-	-
30	0.80	0.31	0.32

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - OCTOBER 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 05	GJERSTAD	P	58 53 N	8 57 E	240
3	N 06	LISTA	P	58 03 N	7 27 E	138
4	N 08	SKREÅDALEN	P	58 49 N	6 43 E	475
5	N 10	TOVDAL	P	58 48 N	8 14 E	227
6	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
7	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
8	N 16	TAGMYRA	P	61 25 N	12 04 E	536
9	N 18	LØKEN	P	59 48 N	11 27 E	150
10	N 20	GRIMELID	P	60 08 N	9 36 E	367
11	N 22	VASSER	PA	59 04 N	10 26 E	35
12	N 24	FITJAR	P	59 55 N	5 19 E	20
13	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
14	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
15	N 27	VATNEDALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	13.5	29.3	8.0	22.1	13.8	24.3	7.5	6.5	9.4	9.7	9.2	28.6	-	20.3	18.1
2	4.0	1.8	1.3	4.7	1.9	4.6	2.7	0.0	0.0	0.0	8.0	6.7	-	0.0	12.3
3	31.2	28.0	18.8	26.5	28.6	0.9	3.5	2.2	10.8	20.3	26.7	8.1	-	30.6	11.9
4	1.7	1.3	2.2	0.0	2.1	8.4	12.1	13.6	23.9	4.4	1.0	11.6	-	2.3	1.8
5	0.0	0.0	0.0	23.7	0.0	30.5	10.3	2.0	0.0	0.0	0.0	5.7	-	0.0	20.4
6	1.9	0.0	5.3	28.9	0.9	53.7	1.9	0.0	0.0	0.0	0.0	2.6	-	3.9	18.7
7	0.0	0.0	0.0	0.4	0.0	18.4	2.0	0.3	0.0	0.0	0.0	1.3	-	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.6	0.0	0.0	0.0	0.0	-	0.0	0.0
9	1.6	0.0	0.0	0.0	0.9	0.0	0.0	0.4	0.0	0.0	0.0	0.0	-	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
14	26.1	21.8	2.1	5.7	21.7	0.0	0.1	1.0	15.9	4.7	4.0	0.4	-	8.7	0.3
15	0.5	2.1	3.9	0.3	0.7	1.3	0.1	8.4	14.6	18.8	11.0	0.0	-	2.0	0.0
16	0.0	1.4	0.0	0.0	0.0	0.0	5.2	4.5	9.4	11.5	1.0	0.0	-	1.0	0.0
17	0.0	0.0	0.0	0.0	0.0	1.0	1.6	0.0	0.0	0.0	0.0	0.4	-	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.3	-	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
22	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	-	0.0	0.0
23	2.4	4.2	0.6	1.9	3.2	0.0	0.0	0.9	0.0	0.0	0.0	0.0	-	3.3	0.0
24	0.3	0.0	0.0	1.0	0.3	4.6	8.4	1.0	0.0	0.0	0.0	2.5	-	0.0	0.5
25	0.0	0.0	0.0	0.0	0.2	35.0	24.5	0.0	0.0	0.0	0.0	0.5	-	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	13.2	24.2	0.1	0.0	0.0	0.0	2.9	-	0.0	0.0
27	0.0	0.0	0.3	1.5	0.0	1.8	14.0	0.0	0.0	0.0	0.0	14.0	-	0.0	0.3
28	0.0	0.0	0.0	0.0	0.0	17.3	3.0	0.0	0.0	2.4	1.9	1.9	-	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	18.8	0.6	0.0	0.0	0.0	0.0	10.8	-	0.0	3.0
30	0.3	0.0	0.8	3.1	1.1	7.1	0.0	2.2	5.2	1.3	0.3	2.2	-	0.9	2.0
31	4.5	3.9	0.0	0.2	3.2	7.7	0.1	10.2	6.7	0.0	5.7	1.0	-	1.7	0.0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	30.5	9.0	21.9	14.9	25.0	7.5	6.9	-	10.0	-	29.0	-	-	-
2	-	1.9	1.1	4.7	2.0	5.0	2.7	0.0	-	0.0	-	7.5	-	-	-
3	-	27.2	19.0	26.4	29.4	1.1	3.5	2.4	-	19.6	-	8.3	-	-	-
4	-	1.3	2.5	0.0	1.8	8.7	12.1	14.3	-	4.5	-	14.9	-	-	-
5	-	0.0	0.1	22.1	0.0	32.1	10.3	2.0	-	0.0	-	7.2	-	-	-
6	-	0.0	8.3	28.4	0.8	56.2	1.9	0.0	-	0.0	-	4.1	-	-	-
7	-	0.0	0.0	0.5	0.0	19.1	2.0	0.7	-	0.0	-	1.5	-	-	-
8	-	0.0	0.0	0.0	0.0	0.8	0.1	0.7	-	0.0	-	0.0	-	-	-
9	-	0.0	0.0	0.0	0.8	0.0	0.0	0.5	-	0.0	-	0.0	-	-	-
10	-	0.0	0.0	0.0	0.0	0.0	0.7	0.0	-	0.0	-	0.0	-	-	-
11	-	0.0	0.0	0.0	0.0	0.0	13.2	0.0	-	0.0	-	0.0	-	-	-
12	-	0.0	0.0	0.0	0.0	0.0	16.4	0.0	-	0.0	-	0.0	-	-	-
13	-	0.0	0.0	0.0	0.0	0.0	1.7	0.0	-	0.0	-	0.0	-	-	-
14	-	20.5	1.6	5.9	22.0	0.0	0.1	1.1	-	4.0	-	0.5	-	-	-
15	-	2.5	3.8	0.3	0.8	1.5	0.1	9.2	-	18.0	-	0.0	-	-	-
16	-	1.4	0.0	0.0	0.0	0.0	5.2	4.9	-	11.3	-	0.0	-	-	-
17	-	0.0	0.0	0.0	0.0	1.1	1.6	0.0	-	0.0	-	0.5	-	-	-
18	-	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-	0.0	-	0.0	-	-	-
19	-	0.0	0.0	0.0	0.0	0.0	0.9	0.0	-	0.0	-	0.2	-	-	-
20	-	0.0	0.0	0.0	0.0	1.4	0.0	0.0	-	0.0	-	0.0	-	-	-
21	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	-
22	-	0.0	0.6	0.0	0.0	0.0	0.0	0.0	-	0.0	-	2.0	-	-	-
23	-	4.4	0.3	2.2	3.5	0.0	0.0	0.9	-	0.0	-	0.1	-	-	-
24	-	0.0	0.1	1.2	0.2	5.0	8.4	1.1	-	0.0	-	2.9	-	-	-
25	-	0.0	0.2	0.0	0.1	36.2	24.5	0.0	-	0.0	-	0.8	-	-	-
26	-	0.0	0.0	0.0	0.0	13.6	24.2	0.1	-	0.0	-	3.5	-	-	-
27	-	0.0	0.4	1.7	0.0	2.0	14.0	0.0	-	0.0	-	14.5	-	-	-
28	-	0.0	0.0	0.0	0.0	17.8	3.0	0.0	-	2.4	-	2.4	-	-	-
29	-	0.0	0.0	0.0	0.0	19.1	0.6	0.0	-	0.0	-	11.1	-	-	-
30	-	0.0	0.8	3.0	0.7	7.5	0.0	2.4	-	1.4	-	3.0	-	-	-
31	-	3.7	0.0	0.3	3.4	8.0	0.1	10.4	-	0.0	-	1.5	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA OCTOBER 75

MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	0.22	0.07	1.15	0.11	0.03	0.01	0.03	0.04	0.08	0.01	0.81	0.24	-	0.04	0.01
2	0.11	0.16	1.42	0.09	0.17	0.07	0.01	-	-	-	0.90	0.22	-	-	0.01
3	0.01	0.05	0.36	0.01	0.01	0.01	0.01	0.12	0.02	0.01	0.04	0.02	-	0.01	0.01
4	0.32	0.01	-	-	0.06	0.01	0.01	0.01	0.04	0.01	0.31	0.09	-	0.02	0.01
5	-	-	-	0.40	-	0.01	0.02	0.01	-	-	-	2.37	0.05	-	0.08
6	0.18	-	2.12	0.69	-	0.04	0.01	-	-	-	-	3.50	0.02	0.01	0.01
7	-	-	-	-	-	0.01	0.18	-	-	-	-	4.10	0.01	-	-
8	-	-	-	-	-	0.04	-	0.01	-	-	-	-	0.02	-	-
9	0.20	-	-	-	-	-	-	-	-	-	-	-	0.04	-	-
10	-	-	-	-	-	-	0.05	-	-	-	-	-	0.01	-	-
11	-	-	-	-	-	-	0.01	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	0.11	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	0.28	-	-	-	-	-	-	-	-
14	0.04	0.02	0.72	0.06	0.01	-	-	-	0.04	0.01	0.57	-	-	0.04	-
15	-	-	0.32	-	-	0.01	-	0.01	0.01	0.01	0.09	-	0.04	0.04	-
16	-	0.01	-	-	-	-	0.01	0.01	0.01	0.01	0.22	-	0.01	0.01	-
17	-	-	-	-	-	0.07	0.06	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	0.15	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	0.20	-	-	-	-	-	-	-	-	0.20	-	-	-
23	0.25	0.08	0.50	0.03	0.03	-	-	0.04	-	-	-	-	-	-	-
24	-	-	-	0.31	-	0.02	0.01	0.01	-	-	-	0.18	-	-	-
25	-	-	-	-	-	0.12	0.06	-	-	-	-	0.50	-	-	-
26	-	-	-	-	-	0.33	0.01	-	-	-	-	0.30	-	-	-
27	-	-	1.76	0.01	-	-	0.30	-	-	-	-	0.07	0.02	-	0.07
28	-	-	-	-	-	0.01	0.06	-	-	0.01	0.85	0.12	-	-	-
29	-	-	-	-	-	0.03	-	-	-	-	-	0.16	0.02	-	0.15
30	-	-	0.50	0.06	0.14	0.01	-	0.01	0.06	0.01	2.82	0.06	0.01	-	0.01
31	0.32	0.07	-	-	0.01	0.01	-	0.01	0.06	-	0.48	0.03	0.01	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA OCTOBER 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	1.8	3.8	1.7	1.6	2.0	1.3	1.7	4.4	5.1	5.5	5.1	1.1	-	1.9	1.8
2	1.4	2.2	3.3	3.4	5.2	2.0	1.3	-	-	-	3.1	2.2	-	-	1.8
3	2.2	2.4	2.7	2.5	1.9	1.2	1.8	4.4	3.0	3.3	2.6	0.7	-	2.2	1.2
4	1.3	0.6	8.7	-	2.1	0.3	2.2	2.1	2.9	0.7	3.0	0.3	-	1.5	1.0
5	-	-	-	0.7	-	0.9	0.4	0.7	-	-	-	4.8	0.2	-	0.9
6	0.1	-	14.0	0.7	1.5	0.1	0.3	-	-	-	-	2.5	0.1	0.4	0.6
7	-	-	-	2.2	-	1.2	1.3	-	-	-	-	2.6	0.1	-	-
8	-	-	-	-	-	1.3	-	0.9	-	-	-	-	0.3	-	-
9	0.3	-	-	-	2.2	-	-	-	-	-	-	-	2.0	-	-
10	-	-	-	-	-	-	1.1	-	-	-	-	-	0.7	-	-
11	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-
14	2.2	2.8	1.9	2.6	3.7	-	-	3.3	5.2	4.2	6.5	-	-	2.2	4.3
15	-	1.8	7.4	-	6.3	0.6	2.2	3.0	2.5	1.8	3.7	-	4.3	2.8	-
16	-	0.6	-	-	-	-	1.9	3.9	4.3	1.6	4.6	-	1.9	1.0	-
17	-	-	-	-	-	0.2	0.8	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	4.9	-	-	-	-	36.7	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	4.5	-	-	-	-	-	-	-	-	2.7	-	-	-
23	19.3	15.4	22.1	10.4	11.5	-	-	1.7	-	-	-	-	-	-	-
24	-	-	-	10.3	-	0.6	2.2	1.2	-	-	-	4.6	-	-	15.7
25	-	-	-	-	-	6.3	0.8	-	-	-	-	-	-	-	-
26	-	-	-	-	-	0.1	0.4	-	-	-	-	12.9	-	-	-
27	-	-	19.7	13.2	-	1.2	0.6	-	-	-	-	5.9	0.9	-	2.7
28	-	-	-	-	-	1.9	0.3	-	-	1.2	12.0	12.5	-	-	-
29	-	-	-	-	-	2.5	7.5	-	-	-	-	6.0	0.7	-	13.5
30	-	-	12.6	8.3	18.8	1.3	-	7.6	6.0	4.8	28.9	6.3	2.1	-	4.3
31	19.4	8.1	-	20.7	8.4	1.2	-	2.5	5.7	-	13.4	2.9	2.2	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

PH IN PRECIPITATION

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	4.45	4.50	4.65	4.50	4.40	4.70	4.60	4.35	5.20	4.20	4.25	4.45	-	4.50	4.45
2	4.45	4.45	4.20	4.10	4.00	4.65	4.90	-	-	-	4.20	4.25	-	-	4.40
3	4.30	4.40	4.20	4.30	4.35	4.80	4.90	4.05	4.30	4.15	4.25	4.70	-	4.25	4.55
4	5.40	5.15	5.40	-	4.50	5.70	4.30	4.70	4.40	4.70	6.55	4.80	-	4.50	4.80
5	-	-	-	5.00	-	4.50	5.20	5.85	-	-	-	5.40	6.30	-	5.20
6	5.90	-	5.25	5.30	5.35	5.30	5.20	-	-	-	-	5.50	5.60	5.10	5.25
7	-	-	-	6.60	-	4.50	5.40	-	-	-	-	5.10	5.35	-	-
8	-	-	-	-	-	6.35	-	5.40	-	-	-	-	5.30	-	-
9	6.05	-	-	-	4.85	-	-	-	-	-	-	-	4.60	-	-
10	-	-	-	-	-	-	5.50	-	-	-	-	-	5.75	-	-
11	-	-	-	-	-	-	5.10	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	4.85	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	4.75	-	-	-	-	-	-	-	-
14	4.30	4.35	5.05	4.50	4.25	-	-	5.00	4.25	4.60	4.00	-	-	4.30	4.25
15	-	4.70	3.80	6.15	3.85	4.90	4.85	4.50	4.65	4.30	4.45	-	5.95	4.20	-
16	-	5.80	-	-	-	-	4.50	4.60	4.10	4.65	4.25	-	5.85	4.60	-
17	-	-	-	-	-	5.60	5.85	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	6.60	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	4.20	-	-	-	-	7.35	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	4.15	-	-	-	-	-	-	-	-	4.75	-	-	-
23	3.60	3.80	3.55	4.05	3.90	-	-	4.80	-	-	-	-	-	-	-
24	-	-	-	4.10	4.10	5.40	4.50	5.45	-	-	-	3.85	-	-	4.55
25	-	-	-	-	3.75	4.15	5.10	-	-	-	-	5.35	-	-	-
26	-	-	-	-	-	5.20	5.30	-	-	-	-	3.55	-	-	-
27	-	-	3.75	3.95	-	4.70	5.00	-	-	-	-	4.20	6.25	-	4.90
28	-	-	-	-	-	4.50	5.15	-	-	4.90	4.60	3.80	-	-	-
29	-	-	-	-	-	4.30	6.00	-	-	-	-	4.15	6.25	-	3.65
30	-	-	3.70	4.00	3.75	4.80	-	4.95	4.35	4.15	4.85	4.00	5.70	-	4.95
31	3.50	4.00	-	-	3.95	4.70	-	4.30	3.75	-	3.85	4.40	5.45	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	38	29	21	35	40	21	25	45	64	63	57	39	-	31	35
2	30	35	63	90	100	24	13	-	-	-	67	60	-	-	40
3	54	40	63	59	45	16	13	89	50	71	62	27	-	34	30
4	-2	-	44	-	32	-2	50	20	40	25	-	14	-	18	16
5	-	-	-	13	-	31	-	-	-	-	-	-	-	-	8
6	-	-	-	5	-	-1	-	-	-	-	-	-	-	1	3
7	-	-	-	-	-	33	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	14	-	-	-	-	-	-	-	25	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-
14	48	45	-	43	56	-	-	-	56	93	104	-	-	49	56
15	-	21	160	-	140	13	14	32	15	50	43	-	-	63	-
16	-	-	-	-	-	-	38	25	80	32	56	-	-	25	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	63	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	71	-	-	-	-	-	-	-	-	18	-	-	-
23	250	182	280	89	125	-	-	16	-	-	-	-	-	-	-
24	-	-	-	80	80	-2	28	-	-	-	-	140	-	-	28
25	-	-	-	-	180	71	0	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-1	-4	-	-	-	-	280	-	-	-
27	-	-	180	112	-	21	-4	-	-	-	-	79	-	-	13
28	-	-	-	-	-	34	-7	-	-	19	25	160	-	-	-
29	-	-	-	-	-	50	-	-	-	-	-	83	-	-	225
30	-	-	200	136	180	15	-	11	45	71	14	100	-	-	11
31	370	100	-	-	112	18	-	50	180	-	147	40	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	4	-	2	1	1
2	5	-	3	1	2
3	7	-	4	1	2
4	2	2	8	1	2
5	1	2	4	1	1
6	1	1	2	1	2
7	1	1	1	1	1
8	1	1	4	1	1
9	1	1	5	2	1
10	1	1	5	1	1
11	2	4	7	1	1
12	2	1	1	2	2
13	5	1	6	2	1
14	4	2	8	3	1
15	4	6	6	1	1
16	21	5	2	1	1
17	2	3	6	1	1
18	1	2	11	1	1
19	2	2	6	1	1
20	2	3	5	1	2
21	4	2	10	4	2
22	3	2	7	3	13
23	2	3	14	2	19
24	18	4	20	1	14
25	9	5	9	1	8
26	2	1	2	4	23
27	1	1	2	1	4
28	5	1	6	1	2
29	8	2	7	1	6
30	2	1	10	1	1
31	3	2	13	1	7

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	1.4	-	1.5	0.8	1.1
2	2.7	-	0.8	0.6	2.4
3	1.8	-	3.1	1.9	2.2
4	0.4	0.8	6.0	0.6	0.8
5	1.1	1.1	2.5	0.2	0.6
6	0.6	0.7	1.7	2.4	0.2
7	0.2	0.5	8.6	-	0.4
8	0.7	0.7	0.3	-	0.3
9	0.5	0.3	0.9	0.3	0.5
10	1.4	0.6	1.6	0.5	1.0
11	1.1	0.9	2.0	0.1	2.0
12	0.1	0.5	2.2	0.4	0.3
13	4.4	3.1	2.3	0.4	3.3
14	2.7	1.9	4.3	0.3	1.9
15	2.9	3.6	1.8	0.7	1.8
16	0.7	3.4	1.3	0.5	0.3
17	1.4	2.7	2.3	0.7	1.6
18	1.8	2.7	3.4	1.0	2.5
19	3.4	3.7	2.7	2.3	3.3
20	4.7	2.8	2.4	1.4	7.2
21	3.9	3.1	7.4	0.3	2.3
22	6.8	3.0	13.8	1.6	4.5
23	5.4	4.9	16.1	2.0	3.8
24	23.9	7.9	26.1	2.4	8.2
25	6.5	5.4	10.9	1.1	6.0
26	9.2	7.0	9.7	2.1	2.8
27	7.3	4.0	3.0	0.2	2.1
28	3.6	10.8	26.1	-	-
29	29.9	12.1	12.0	1.8	8.1
30	9.0	6.6	24.1	0.3	3.4
31	8.2	5.0	16.8	-	4.5

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	24	110	13	35	28	32	13	29	48	54	47	33	38	32
2	6	4	4	16	10	9	4	0	0	0	24	15	0	22
3	70	69	51	67	55	1	6	10	32	66	70	6	68	14
4	2	1	19	0	4	2	27	28	70	3	3	3	3	2
5	0	0	0	16	0	27	4	1	0	0	0	28	0	18
6	0	0	74	19	1	4	1	0	0	0	0	6	2	11
7	0	0	0	1	0	22	3	-	0	0	0	3	0	0
8	0	0	0	0	0	1	-	1	0	0	0	0	0	0
9	1	0	0	0	2	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	1	0	0	0	0	0	0	0
11	0	0	0	0	0	0	2	0	0	0	0	0	0	0
12	0	0	0	0	0	0	9	0	0	0	0	0	0	0
13	0	0	0	0	0	0	3	0	0	0	0	0	0	0
14	57	61	4	15	81	0	-	3	82	20	26	-	19	1
15	-	4	29	-	4	1	0	25	37	34	41	0	6	0
16	0	1	0	0	0	0	10	18	41	19	5	0	1	0
17	0	0	0	0	0	0	1	0	0	0	0	-	0	0
18	0	0	0	0	0	0	1	0	0	0	0	-	0	0
19	0	0	0	0	0	0	4	0	0	0	0	12	0	0
20	0	0	0	0	0	-	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	3	0	0	0	0	0	0	0	0	5	0	0
23	46	64	14	20	37	0	0	2	0	0	0	0	-	0
24	-	0	0	10	-	3	19	1	0	0	0	11	0	8
25	0	0	0	0	-	222	19	0	0	0	0	-	0	0
26	0	0	0	0	0	1	10	-	0	0	0	37	0	0
27	0	0	6	20	0	2	8	0	0	0	0	82	0	1
28	0	0	0	0	0	33	1	0	0	3	23	23	0	0
29	0	0	0	0	0	47	5	0	0	0	0	65	0	40
30	-	0	10	26	20	9	0	17	31	6	7	14	-	9
31	87	31	0	4	27	9	-	26	38	0	76	3	-	0

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

PRECIPITATED ACID (MICROEQUIVALENTS PER M2)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	514	849	167	773	553	511	188	294	599	614	526	1117	630	633
2	119	65	84	427	191	110	35	0	0	0	533	401	0	491
3	1684	1120	1183	1566	1289	14	46	198	541	1440	1658	218	1039	358
4	-3	-	98	0	67	-17	605	272	957	109	-	162	41	30
5	0	0	0	309	0	945	-	-	0	0	0	-	0	163
6	-	0	-	145	-	-54	-	0	0	0	0	-	4	56
7	0	0	0	-	0	607	-	-	0	0	0	-	0	0
8	0	0	0	0	0	-	-	-	0	0	0	0	0	0
9	-	0	0	0	12	0	0	-	0	0	0	0	0	0
10	0	0	0	0	0	0	-	0	0	0	0	0	0	0
11	0	0	0	0	0	0	106	0	0	0	0	0	0	0
12	0	0	0	0	0	0	312	0	0	0	0	0	0	0
13	0	0	0	0	0	0	31	0	0	0	0	0	0	0
14	1253	983	-	246	1216	0	-	-	893	438	414	-	426	18
15	-	45	621	-	98	17	1	270	220	942	472	0	126	0
16	0	-	0	0	0	0	198	113	754	367	57	0	25	0
17	0	0	0	0	0	-	-	0	0	0	0	-	0	0
18	0	0	0	0	0	0	-	0	0	0	0	-	0	0
19	0	0	0	0	0	0	57	0	0	0	0	-	0	0
20	0	0	0	0	0	-	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	50	0	0	0	0	0	0	0	0	34	0	0
23	597	759	178	170	406	0	0	14	0	0	0	0	-	0
24	-	0	0	81	20	-9	235	-	0	0	0	348	0	14
25	0	0	0	0	34	2481	0	0	0	0	0	-	0	0
26	0	0	0	0	0	-13	-97	-	0	0	0	802	0	0
27	0	0	57	171	0	39	-56	0	0	0	0	1106	0	4
28	0	0	0	0	0	587	-21	0	0	45	48	300	0	0
29	0	0	0	0	0	942	-	0	0	0	0	898	0	673
30	-	0	153	424	195	107	0	25	235	95	4	216	-	22
31	1649	385	0	-	357	139	-	509	1203	0	833	38	-	0



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	0.19	0.20	0.03	0.27	0.36	0.10	0.31
2	0.15	0.69	2.49	-	-	-	0.09
3	0.32	0.36	0.34	0.53	0.28	0.38	0.21
4	-	-	0.20	0.16	0.19	0.09	0.09
5	-	0.05	-	0.03	-	-	0.11
6	0.01	0.03	0.45	-	-	0.01	0.03
7	-	0.18	-	-	-	-	-
8	-	-	-	0.03	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	0.15	0.33	0.31	-	0.78	0.26	-
15	-	-	-	-	0.27	0.39	-
16	-	-	-	0.52	0.44	0.12	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	2.20	-	1.47	0.26	-	-	-
24	-	1.80	-	0.23	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	-	-	-	-	-	0.37
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	2.37
30	-	-	2.17	0.24	0.77	-	0.59
31	2.90	-	1.42	0.36	2.26	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	0.12	0.09	0.04	0.80	0.61	0.09	0.04
2	0.09	0.30	1.21	-	-	-	0.08
3	0.25	0.20	0.11	0.40	0.22	0.27	0.04
4	-	-	0.05	0.34	0.26	0.03	0.11
5	-	0.08	-	0.15	-	-	0.04
6	0.03	0.05	0.08	-	-	0.01	0.04
7	-	0.47	-	-	-	-	-
8	-	-	-	0.14	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	0.01	0.23	0.35	-	0.77	0.13	-
15	-	-	-	-	0.33	0.06	-
16	-	-	-	0.27	0.43	0.02	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	2.25	-	1.87	0.31	-	-	-
24	-	2.26	-	0.33	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	-	-	-	-	-	0.23
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	2.33
30	-	-	2.24	0.36	1.05	-	0.51
31	2.40	-	1.44	0.25	2.26	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

OCTOBER 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	0.17	0.04	0.05
2	0.11	0.24	-
3	0.06	0.06	0.06
4	0.48	0.11	0.04
5	-	-	-
6	0.25	-	0.03
7	-	-	-
8	-	-	-
9	0.30	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	0.12	0.05	0.13
15	-	-	0.18
16	-	-	0.09
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-
23	1.02	0.38	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	1.06	-
31	0.58	0.15	-

## NORWEGIAN INSTITUTE FOR AIR RESEARCH

## LRTAP GROUND SAMPLING STATIONS

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MONTHLY SUMMARY OF RESULTS - NOVEMBER 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 05	GJERSTAD	P	58 53 N	8 57 E	240
3	N 06	LISTA	P	58 03 N	7 27 E	138
4	N 08	SKREDALEN	P	58 49 N	6 43 E	475
5	N 10	TOVDAL	P	58 48 N	8 14 E	227
6	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
7	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
8	N 16	TAGMYRA	P	61 25 N	12 04 E	536
9	N 18	LØKEN	P	59 48 N	11 27 E	150
10	N 20	GRIMELID	P	60 08 N	9 36 E	367
11	N 22	VASSER	PA	59 04 N	10 26 E	35
12	N 24	FITJAR	P	59 55 N	5 19 E	20
13	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
14	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
15	N 27	VATNEALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	1.6	6.7	1.5	0.0	1.8	3.3	0.0	2.5	1.7	5.7	1.9	9.9	-	3.0	1.9
2	1.4	5.7	0.0	3.8	0.0	1.0	0.2	2.1	4.1	1.4	7.2	1.9	-	5.5	1.1
3	1.4	1.2	3.3	7.7	3.8	7.4	3.0	2.4	4.7	0.0	4.5	9.4	-	1.1	0.0
4	0.0	0.0	0.3	8.8	0.2	28.6	1.7	0.3	0.0	0.0	0.0	16.1	-	0.0	3.2
5	2.7	0.6	0.1	5.2	0.8	9.9	11.1	0.0	0.0	0.0	0.0	0.1	-	0.0	1.6
6	0.0	0.0	4.1	0.3	0.0	0.0	5.8	0.0	0.0	0.0	0.0	2.4	-	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.4	0.0	0.0	0.0	0.0	-	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.3	0.0	0.0	0.0	0.0	-	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
12	3.3	6.0	0.0	0.3	4.4	0.0	0.1	0.0	0.0	2.1	0.0	0.0	-	2.7	0.0
13	0.9	1.6	0.0	0.2	3.9	0.0	2.1	0.9	0.0	0.0	1.3	0.0	-	0.7	0.0
14	1.3	0.0	0.0	3.3	0.8	0.7	15.5	0.0	2.6	0.0	0.0	7.3	-	0.0	0.4
15	31.5	13.1	23.2	21.8	14.6	0.0	6.6	2.5	2.9	6.6	7.6	13.7	-	12.2	2.5
16	39.5	31.5	80.2	15.5	32.0	0.0	4.7	12.8	29.3	30.1	22.9	24.7	-	26.7	2.4
17	2.2	0.4	2.7	1.3	0.9	0.0	0.0	5.3	4.8	3.2	0.0	0.0	-	1.8	3.9
18	0.0	0.0	3.6	1.8	0.0	0.0	0.0	1.1	0.0	0.0	0.0	7.3	-	0.0	0.0
19	4.8	4.5	3.7	8.4	2.7	7.7	0.0	0.0	0.0	5.0	3.5	7.5	-	3.8	4.3
20	0.0	0.0	0.0	0.0	0.0	6.4	3.4	1.4	0.0	0.0	0.0	1.3	-	0.0	0.0
21	0.0	0.0	0.8	1.5	0.0	7.8	1.8	0.0	0.0	0.0	0.0	1.2	-	0.0	0.7
22	0.0	0.0	0.0	0.0	0.0	3.2	0.3	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
23	2.4	1.0	0.0	29.3	5.7	4.1	10.1	0.0	1.4	3.8	1.1	46.0	-	2.4	4.5
24	8.0	4.7	3.0	23.4	4.5	18.5	4.7	5.1	7.4	0.0	1.7	12.4	-	3.3	6.0
25	18.8	8.7	6.9	34.1	9.7	4.6	0.0	0.4	5.1	0.7	3.0	10.5	-	8.7	5.3
26	14.6	14.8	1.2	6.2	6.7	5.3	0.1	10.4	13.4	9.2	13.2	7.8	-	8.0	2.0
27	19.4	13.4	24.8	8.1	11.8	0.0	1.3	0.9	0.0	4.5	6.5	7.3	-	14.6	1.5
28	2.1	3.6	2.2	6.6	0.0	0.0	0.0	3.5	0.0	6.0	4.6	2.9	-	0.0	3.2
29	9.2	2.0	9.0	12.1	2.4	11.5	1.8	0.0	0.0	0.0	0.0	13.4	-	2.9	0.8
30	4.5	0.0	9.8	27.8	3.4	10.9	1.3	0.0	5.3	0.0	5.7	10.8	-	0.0	4.6

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	6.4	1.5	0.0	1.8	3.6	0.0	2.9	-	5.7	-	10.2	-	-	-
2	-	4.7	0.0	4.0	0.0	1.2	0.2	2.3	-	1.4	-	2.2	-	-	-
3	-	1.1	4.0	7.9	4.5	7.9	3.0	2.5	-	0.0	-	10.0	-	-	-
4	-	0.0	0.2	9.6	0.2	29.8	1.7	0.3	-	0.0	-	17.0	-	-	-
5	-	0.6	0.1	5.4	1.0	11.0	11.1	0.0	-	0.0	-	0.2	-	-	-
6	-	0.0	4.4	0.4	0.0	0.0	5.8	0.0	-	0.0	-	3.0	-	-	-
7	-	0.0	0.0	0.0	0.0	0.0	2.5	0.5	-	0.0	-	0.0	-	-	-
8	-	0.0	0.0	0.0	0.0	0.0	36.0	0.0	-	0.0	-	0.0	-	-	-
9	-	0.0	0.0	0.0	0.0	0.0	15.5	0.0	-	0.0	-	0.0	-	-	-
10	-	0.0	0.0	0.0	0.0	0.0	0.9	0.4	-	0.0	-	0.0	-	-	-
11	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	-
12	-	6.0	0.0	0.4	4.8	0.0	0.1	0.0	-	1.6	-	0.0	-	-	-
13	-	1.6	0.0	0.3	4.1	0.0	2.1	1.0	-	0.0	-	0.0	-	-	-
14	-	0.0	0.0	3.6	1.0	0.8	15.5	0.0	-	0.0	-	7.5	-	-	-
15	-	12.6	21.8	21.2	14.0	0.0	6.6	2.9	-	8.6	-	15.8	-	-	-
16	-	38.6	80.7	14.4	31.0	0.0	4.7	15.0	-	19.5	-	24.5	-	-	-
17	-	0.3	3.6	1.5	0.8	0.0	0.0	5.6	-	2.4	-	0.0	-	-	-
18	-	0.0	4.0	1.9	0.0	0.0	0.0	1.3	-	0.0	-	7.5	-	-	-
19	-	4.3	4.0	7.7	2.6	8.5	0.0	0.0	-	6.4	-	8.0	-	-	-
20	-	0.0	0.0	0.0	0.0	7.0	3.4	1.5	-	0.0	-	2.0	-	-	-
21	-	0.0	1.0	1.5	0.0	8.5	1.8	0.0	-	0.0	-	1.8	-	-	-
22	-	0.0	0.0	0.0	0.0	3.7	0.3	0.0	-	0.0	-	0.0	-	-	-
23	-	1.4	0.0	28.4	5.5	4.0	10.1	0.0	-	3.8	-	46.5	-	-	-
24	-	4.7	3.4	22.6	4.3	17.6	4.7	5.4	-	0.0	-	13.6	-	-	-
25	-	8.4	7.8	34.9	9.3	4.4	0.0	0.5	-	0.7	-	17.0	-	-	-
26	-	14.4	1.2	5.7	7.1	5.6	0.1	10.8	-	9.2	-	9.0	-	-	-
27	-	13.5	25.9	8.1	11.6	0.0	1.3	1.0	-	4.5	-	9.2	-	-	-
28	-	4.0	2.6	6.4	0.0	0.4	0.0	3.9	-	6.0	-	4.0	-	-	-
29	-	2.5	9.1	11.0	2.3	11.2	1.8	0.0	-	0.0	-	14.8	-	-	-
30	-	0.0	10.4	23.5	3.3	11.3	1.3	0.0	-	0.0	-	12.0	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	0.42	0.28	0.52	-	0.03	0.07	-	0.06	0.23	0.05	0.98	0.05	-	0.15	0.16
2	0.15	0.03	-	0.06	-	0.08	0.27	0.01	0.01	0.05	0.24	0.30	-	0.05	0.26
3	0.35	0.42	1.96	0.12	0.08	0.01	0.09	0.03	0.05	-	0.43	0.09	0.08	0.22	-
4	-	-	-	0.16	-	0.01	0.07	0.03	-	-	-	0.56	-	-	0.14
5	0.23	0.10	6.82	0.15	0.29	0.13	0.13	-	-	-	-	-	-	-	0.11
6	-	-	0.51	0.08	-	-	0.04	-	-	-	-	0.28	0.20	-	-
7	-	-	-	-	-	-	0.05	0.03	-	-	-	-	-	-	-
8	-	-	-	-	-	-	0.01	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	0.03	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	0.20	0.09	-	-	-	-	0.03	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	0.11	0.06	-	0.01	0.02	-	0.02	-	-	0.02	-	-	-	0.08	-
13	0.21	0.17	-	-	0.02	-	0.11	0.09	-	-	2.24	-	0.07	0.08	-
14	0.14	-	-	0.17	0.05	0.08	0.27	-	0.06	-	-	0.41	0.27	-	0.69
15	0.01	0.10	0.32	0.01	0.01	-	0.34	0.07	0.07	0.01	0.69	0.08	0.05	0.04	0.04
16	0.29	0.08	0.07	0.01	0.01	-	0.02	0.02	0.01	0.01	0.78	0.01	0.02	0.01	0.02
17	0.38	1.39	0.05	0.01	0.65	-	-	0.06	0.01	0.01	-	-	0.01	0.28	0.01
18	-	-	0.45	0.02	-	-	-	0.06	-	-	-	0.15	0.01	-	-
19	0.01	0.07	0.45	0.04	0.01	0.01	-	-	-	0.01	0.27	0.28	0.01	0.02	0.01
20	-	-	-	-	-	0.04	0.12	0.06	-	-	-	1.22	1.23	-	-
21	-	-	3.43	0.59	-	0.02	0.14	-	-	-	-	2.75	-	-	0.05
22	-	-	-	-	-	0.19	-	-	-	-	-	-	-	-	-
23	2.53	2.18	-	0.13	0.51	0.09	0.01	-	0.71	-	2.16	0.19	-	0.38	0.01
24	0.46	0.22	6.17	0.03	0.10	0.01	0.01	0.01	0.36	-	3.03	0.30	0.01	0.07	0.01
25	0.05	0.06	2.51	0.01	0.02	0.01	-	0.14	0.23	-	3.58	0.13	0.01	0.12	0.01
26	0.05	0.04	1.49	0.03	0.02	0.01	0.38	0.01	0.05	0.01	0.59	0.38	0.01	0.02	0.03
27	0.17	0.22	1.54	0.06	0.05	-	0.01	0.14	-	0.04	1.01	0.33	0.01	0.07	0.05
28	0.12	0.05	2.85	0.09	-	-	-	0.01	-	0.02	1.10	1.45	0.01	-	0.03
29	0.19	0.11	0.34	0.15	0.09	0.02	0.01	-	-	-	-	0.41	-	0.06	-
30	0.34	-	2.20	0.25	0.24	0.01	0.01	-	0.20	-	1.95	0.66	0.01	-	0.02

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	33.9	26.4	19.0	-	16.1	3.8	-	6.8	5.8	5.7	21.4	4.7	-	14.7	5.1
2	23.7	5.9	-	8.0	-	6.0	2.9	4.9	8.1	5.7	14.9	4.6	-	6.9	9.2
3	7.4	4.1	2.8	2.0	7.8	1.0	0.9	4.1	4.5	-	6.3	1.9	5.5	6.0	-
4	-	-	-	2.8	-	0.9	0.6	4.1	-	-	-	2.3	-	-	2.3
5	4.0	2.2	10.7	2.1	7.0	0.9	0.3	-	-	-	-	-	-	-	2.6
6	-	-	2.2	4.8	-	-	0.2	-	-	-	-	1.1	1.5	-	-
7	-	-	-	-	-	-	0.2	4.1	-	-	-	-	-	-	-
8	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	0.3	3.9	-	-	-	-	1.4	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	5.0	5.4	-	3.1	3.9	-	-	-	-	2.1	-	-	-	3.6	-
13	18.2	9.1	-	4.3	7.0	-	1.9	3.9	-	-	14.1	-	5.4	6.4	-
14	9.8	-	-	6.4	9.0	1.6	1.7	-	8.0	-	-	7.1	8.3	-	8.5
15	3.6	3.8	2.0	2.8	3.0	-	1.2	2.1	4.4	2.1	4.3	2.2	2.6	2.3	2.2
16	1.9	2.5	1.1	0.9	1.2	-	0.3	0.6	0.4	1.5	6.0	0.9	5.8	0.6	0.7
17	6.7	18.0	1.1	3.4	-	-	-	3.9	0.6	5.1	-	-	4.6	14.1	1.9
18	-	-	0.9	0.6	-	-	-	1.5	-	-	-	0.6	2.1	-	-
19	0.9	1.2	0.9	0.1	0.9	0.7	-	-	-	0.9	6.5	0.2	1.8	0.7	0.6
20	-	-	-	-	-	1.0	0.5	1.5	-	-	-	0.5	1.6	-	-
21	-	-	1.2	0.9	-	1.0	0.3	-	-	-	-	0.1	-	-	1.4
22	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-
23	7.8	12.6	-	3.6	10.0	1.8	0.6	-	7.5	-	16.9	2.2	-	7.3	2.7
24	3.7	5.8	7.4	1.7	4.1	1.8	0.4	2.8	5.2	-	13.9	1.9	2.8	3.5	0.7
25	3.0	4.2	1.7	2.1	4.0	0.3	-	5.0	4.5	8.2	8.7	2.7	5.2	3.5	2.5
26	2.4	2.8	2.9	1.9	3.4	0.3	0.4	1.6	3.6	3.1	4.8	1.3	3.9	3.4	3.1
27	2.6	3.1	2.3	0.9	2.1	-	2.1	5.0	-	2.6	4.5	1.6	5.2	1.8	1.8
28	0.9	1.5	1.9	0.0	-	-	-	4.2	-	3.6	3.3	0.3	7.8	-	0.1
29	1.1	1.7	1.1	0.4	1.2	0.6	1.2	-	-	-	-	0.8	6.0	0.8	-
30	1.1	-	5.0	1.0	1.6	0.1	0.1	-	3.3	-	2.2	1.6	4.6	-	0.3

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

PH IN PRECIPITATION

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	3.20	3.50	3.60	-	3.60	5.25	-	3.90	5.15	4.15	3.85	4.30	-	3.65	4.95
2	3.40	4.05	-	3.85	-	4.20	5.85	4.20	4.10	4.15	3.75	4.10	-	3.90	3.95
3	3.80	4.20	4.15	4.55	3.90	5.10	4.55	4.55	4.15	-	4.45	4.65	6.40	3.90	-
4	-	-	4.65	4.10	-	5.20	5.55	4.55	-	-	-	4.35	-	-	4.55
5	3.90	5.15	4.20	4.40	4.10	5.60	4.95	-	-	-	-	-	-	-	4.75
6	-	-	4.50	6.15	-	-	5.15	-	-	-	-	4.75	6.10	-	-
7	-	-	-	-	-	-	5.60	4.55	-	-	-	-	-	-	-
8	-	-	-	-	-	-	5.25	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	5.15	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	5.65	5.60	-	-	-	-	5.05	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	3.95	4.05	-	6.70	4.30	-	-	-	-	4.80	-	-	-	4.20	-
13	3.50	4.25	-	5.00	4.00	-	4.90	5.60	-	-	4.25	-	4.50	3.95	-
14	3.70	-	-	4.00	3.90	5.05	4.50	-	4.60	-	-	4.00	6.25	-	4.65
15	4.35	4.30	4.65	4.15	4.30	-	4.80	4.75	4.05	4.35	4.20	4.30	4.90	4.20	4.35
16	6.15	4.80	4.60	4.50	4.60	-	5.15	4.80	4.50	4.30	4.20	4.60	4.10	4.60	4.80
17	3.90	4.50	4.50	4.30	3.50	-	-	4.30	4.40	4.15	-	-	4.00	3.75	6.20
18	-	-	4.90	5.25	-	-	-	5.15	-	-	-	5.00	4.45	-	-
19	4.55	5.70	4.90	5.35	5.05	5.65	-	-	-	5.35	4.50	5.00	4.95	5.10	5.40
20	-	-	-	-	-	5.65	5.30	5.15	-	-	-	4.85	4.85	-	-
21	-	-	5.00	5.35	-	5.75	5.35	-	-	-	-	5.10	-	-	5.35
22	-	-	-	-	-	6.20	-	-	-	-	-	-	-	-	-
23	3.55	3.65	-	4.10	3.75	5.40	4.95	-	3.90	-	4.55	4.40	-	3.60	4.25
24	3.90	4.05	3.95	4.45	4.30	4.55	5.15	4.25	3.95	-	4.50	4.45	4.50	3.90	4.75
25	4.10	4.25	4.10	4.35	4.20	4.80	-	4.60	4.00	5.80	3.90	4.45	6.00	4.10	4.25
26	4.55	4.50	4.30	4.55	4.40	5.65	4.40	4.60	4.20	4.60	4.25	4.65	4.65	4.25	4.85
27	4.40	4.35	4.25	4.50	4.50	-	4.05	4.60	-	4.30	4.15	4.45	4.20	4.30	4.70
28	4.80	5.60	4.70	5.35	-	-	-	4.10	-	4.30	5.00	5.20	4.50	-	6.20
29	6.55	6.10	4.90	5.25	5.20	5.40	4.30	-	-	-	-	5.00	4.25	5.70	-
30	4.60	-	4.55	4.70	4.80	5.75	5.00	-	4.00	-	4.40	4.70	4.10	-	5.20

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	690	316	251	-	251	2	-	126	-	71	141	60	-	224	11
2	466	89	-	170	-	63	-	63	79	71	228	79	-	126	112
3	159	63	71	32	126	5	29	28	71	-	46	25	-	126	-
4	-	-	22	92	-	4	-	28	-	-	-	45	-	-	28
5	126	-	63	44	79	-6	-2	-	-	-	-	-	-	-	18
6	-	-	34	-	-	-	2	-	-	-	-	17	-	-	-
7	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-
8	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	133	89	-	-	50	-	-	-	-	16	-	-	-	63	-
13	316	56	-	-	100	-	13	-	-	-	56	-	32	112	-
14	200	-	-	131	126	-	37	-	25	-	-	100	-	-	22
15	52	50	19	78	50	-	21	21	89	45	65	50	12	63	45
16	-31	16	26	35	26	-	-2	15	33	50	63	25	79	25	23
17	126	32	32	50	316	-	-	50	40	71	-	-	100	178	-44
18	-	-	10	-	-	-	-	-13	-	-	-	9	36	-	-
19	28	-21	9	-3	3	-7	-	-	-	-3	36	8	11	-	-2
20	-	-	-	-	-	-8	-	-13	-	-	-	14	14	-	-
21	-	-	-	-	-	-13	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-66	-	-	-	-	-	-	-	-	-
23	346	224	-	90	178	-18	11	-	125	-	28	40	-	251	56
24	144	89	112	45	50	29	7	56	112	-	32	36	32	126	18
25	90	56	79	52	63	11	-	26	100	-	167	36	-	79	56
26	29	45	50	30	40	-12	40	25	63	33	58	22	22	56	14
27	42	45	56	38	46	-	89	26	-	50	81	36	63	50	20
28	14	-14	20	0	-	-	-	79	-	50	7	5	32	-	-45
29	-70	-	10	-1	3	-13	50	-	-	-	-	10	56	-	-
30	18	-	28	13	8	-13	-	-	100	-	45	14	79	-	-19

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	15	5	24	1	9
2	8	6	19	1	2
3	2	5	7	3	3
4	4	4	8	3	4
5	3	1	5	1	4
6	1	2	21	1	2
7	1	2	15	1	5
8	3	2	9	5	4
9	1	1	14	2	3
10	3	5	8	2	4
11	2	5	1	1	2
12	3	1	10	2	6
13	3	3	14	1	5
14	3	3	8	1	9
15	7	6	7	2	18
16	13	10	19	1	7
17	4	7	20	4	3
18	3	7	15	2	2
19	1	2	11	1	3
20	2	3	8	1	2
21	4	2	3	1	5
22	1	1	2	1	2
23	6	2	5	2	4
24	6	1	13	2	3
25	9	3	3	2	7
26	6	2	18	3	7
27	5	3	8	3	3
28	3	1	9	4	2
29	3	4	7	2	2
30	2	2	3	2	3

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	20.5	5.2	34.6	2.3	9.6
2	11.0	4.8	31.6	1.0	5.2
3	2.8	1.3	4.7	0.5	2.7
4	3.0	3.3	5.7	0.8	2.5
5	2.0	1.6	3.7	0.2	1.5
6	1.0	0.9	4.1	0.2	1.1
7	0.2	0.5	3.6	0.2	0.3
8	0.4	0.4	5.0	0.2	0.3
9	1.6	0.7	-	0.3	0.9
10	5.4	5.8	4.1	0.2	2.0
11	6.2	5.2	7.8	0.6	2.4
12	4.4	3.0	5.4	0.3	1.9
13	7.0	5.2	5.4	0.5	5.4
14	7.2	4.1	11.7	1.3	6.9
15	12.5	4.9	11.7	0.4	6.7
16	2.9	0.8	14.5	1.1	0.8
17	8.9	2.0	18.4	1.3	3.9
18	1.9	1.8	9.7	4.9	1.2
19	0.5	0.4	5.0	0.3	0.4
20	0.4	0.6	3.3	0.6	0.3
21	0.4	0.5	0.5	0.2	0.2
22	0.3	0.5	0.3	0.4	0.2
23	0.3	0.0	5.6	0.3	2.5
24	3.1	1.4	5.7	-	2.9
25	4.9	2.3	3.9	-	3.8
26	2.7	0.7	17.0	-	1.9
27	2.3	1.6	5.3	-	1.6
28	0.3	0.6	5.2	-	0.4
29	0.6	0.1	4.5	-	0.4
30	0.5	0.5	4.2	-	1.5

TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

PHATE (MILLIGRAMS PER M2)

	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
	28	0	29	12	0	17	10	33	41	46	44	10
	34	0	30	6	1	10	33	8	107	9	38	11
	5	9	15	30	8	3	10	21	0	28	18	7
	0	-	25	-	25	1	1	0	0	0	37	0
	1	1	11	6	9	4	0	0	0	0	-	0
	0	9	2	0	0	1	0	0	0	0	3	0
	0	0	0	0	0	0	2	0	0	0	0	0
	0	0	0	0	0	5	0	0	0	0	0	0
	0	0	0	0	0	4	0	0	0	0	0	0
10	0	0	0	0	0	0	1	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	17	32	0	1	17	0	-	0	4	0	0	10
13	16	14	0	1	28	0	4	4	0	18	0	5
14	12	0	0	21	7	1	26	0	21	0	0	52
15	113	50	47	62	44	0	8	5	12	14	33	31
16	77	80	85	14	38	0	1	7	13	45	138	22
17	15	8	3	4	-	0	0	21	3	16	0	0
18	0	0	3	1	0	0	0	2	0	0	0	4
19	4	5	3	1	2	6	0	0	0	4	23	1
20	0	0	0	0	0	6	2	2	0	0	0	1
21	0	0	1	1	0	8	1	0	0	0	0	0
22	0	0	0	0	0	4	-	0	0	0	0	0
23	19	13	0	106	58	7	6	0	11	-	19	99
24	29	27	22	41	18	33	2	14	39	0	23	24
25	57	37	11	71	39	1	0	2	23	6	26	29
26	36	41	4	12	23	1	0	17	49	29	63	10
27	51	42	58	8	25	0	3	4	0	12	29	11
28	2	6	4	0	0	0	0	15	0	21	15	1
29	10	3	10	5	3	6	2	0	0	0	0	11
30	5	0	49	27	5	1	0	0	18	0	13	18

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

PRECIPITATED ACID (MICROEQUIVALENTS PER M2)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	1098	2112	368	0	447	7	0	313	-	402	269	592	677	21
2	667	504	0	639	0	64	-	132	327	99	1633	151	694	128
3	228	74	237	246	481	37	87	67	334	0	205	235	144	0
4	0	0	6	814	-	115	-	7	0	0	0	726	0	90
5	341	-	8	227	65	-60	-22	0	0	0	0	-	0	29
6	0	0	139	-	0	0	12	0	0	0	0	41	0	0
7	0	0	0	0	0	0	-	12	0	0	0	0	0	0
8	0	0	0	0	0	0	180	0	0	0	0	0	0	0
9	0	0	0	0	0	0	93	0	0	0	0	0	0	0
10	0	0	0	0	0	0	-	-	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	445	533	0	-	220	0	-	0	0	34	0	0	172	0
13	282	87	0	-	395	0	27	-	0	0	71	0	82	0
14	255	0	0	434	100	-	574	0	65	0	0	729	0	8
15	1639	653	441	1698	732	0	139	53	255	295	497	684	766	115
16	-1224	504	2086	544	833	0	-9	192	966	1506	1444	617	667	56
17	281	14	88	64	282	0	0	264	194	231	0	0	317	-172
18	0	0	36	-	0	0	0	-14	0	0	0	66	0	0
19	134	-95	33	-25	8	-54	0	0	0	-15	126	60	-	-9
20	0	0	0	0	0	-51	-	-18	0	0	0	19	0	0
21	0	0	-	-	0	-102	-	0	0	0	0	-	0	-
22	0	0	0	0	0	-214	-	0	0	0	0	0	0	0
23	826	228	0	2636	1020	-74	111	0	175	-	31	1841	607	250
24	1146	416	335	1051	223	537	33	287	834	0	53	447	413	109
25	1690	485	543	1771	610	51	0	12	509	-	500	378	684	296
26	425	665	62	187	267	-63	4	259	842	304	766	172	446	28
27	816	602	1390	310	542	0	116	22	0	224	529	264	732	31
28	29	-51	43	0	0	0	0	277	0	299	32	14	0	-143
29	-646	-	90	-12	7	-150	90	0	0	0	0	134	-	-
30	80	0	274	361	27	-142	-	0	528	0	258	152	0	-88



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	1.90	1.36	2.15	2.40	0.75
2	-	1.70	-	0.67	1.18	1.20	1.58
3	-	0.29	1.58	0.59	0.90	1.02	-
4	-	0.53	0.52	0.59	-	-	0.26
5	0.81	-	0.99	-	-	-	0.45
6	-	0.54	-	-	-	-	-
7	-	-	-	0.59	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	0.44	-	-	-
11	-	-	-	-	-	-	-
12	0.68	-	0.50	-	-	0.38	-
13	-	-	0.58	0.44	-	0.50	-
14	-	1.03	0.94	-	0.98	-	-
15	0.39	0.58	0.47	0.44	1.18	0.42	0.53
16	0.19	0.31	0.03	0.28	0.38	0.19	0.60
17	1.04	0.59	-	0.57	0.52	1.60	0.33
18	-	0.08	-	0.03	-	-	-
19	0.16	0.04	-	-	-	0.08	0.03
20	-	-	-	0.03	-	-	-
21	-	0.03	-	-	-	-	0.03
22	-	-	-	-	-	-	-
23	4.00	0.67	2.03	-	1.81	2.10	0.52
24	1.04	0.24	1.36	0.51	1.15	0.14	0.14
25	0.84	0.25	0.69	1.15	1.11	0.71	0.45
26	0.49	0.31	0.40	0.34	0.63	0.42	0.42
27	0.58	0.35	0.47	1.15	-	0.41	0.42
28	0.10	0.07	-	0.98	-	-	0.08
29	0.17	0.06	0.17	-	-	0.09	-
30	0.16	0.10	0.11	-	0.94	-	0.07

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	2.89	0.93	1.24	2.05	0.75
2	-	1.40	-	0.89	1.22	1.00	1.36
3	-	0.40	1.47	1.29	0.99	0.41	-
4	-	0.33	1.24	1.29	-	-	0.27
5	0.17	-	1.07	-	-	-	0.72
6	-	0.84	-	-	-	-	-
7	-	-	-	1.29	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	0.73	-	-	-
11	-	-	-	-	-	-	-
12	0.39	-	0.48	-	-	0.28	-
13	-	-	0.64	0.73	-	0.47	-
14	-	1.13	1.10	-	1.34	-	-
15	0.40	0.29	0.33	0.12	1.02	0.25	0.24
16	0.23	0.10	0.04	0.17	0.32	0.07	0.28
17	1.55	0.56	-	0.50	0.44	2.45	1.04
18	-	0.17	-	0.04	-	-	-
19	0.04	0.16	-	-	-	0.09	0.04
20	-	-	-	0.04	-	-	-
21	-	0.22	-	-	-	-	0.04
22	-	-	-	-	-	-	-
23	2.10	0.52	1.20	-	1.12	1.55	0.31
24	0.78	0.16	0.88	0.26	1.10	0.27	0.12
25	0.83	0.17	0.63	1.59	1.15	0.60	0.18
26	0.67	0.21	0.46	0.25	0.96	0.39	0.59
27	0.72	0.12	0.37	1.59	-	0.21	0.32
28	0.09	0.16	-	0.88	-	-	0.23
29	1.70	0.05	0.35	-	-	0.19	-
30	0.16	0.04	0.04	-	0.58	-	0.05

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

NOVEMBER 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	1.06	1.12	1.32
2	0.41	-	0.16
3	0.22	0.16	0.21
4	-	-	-
5	0.17	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	0.20	0.06	0.11
13	0.45	0.16	0.19
14	0.24	-	-
15	0.06	0.01	0.07
16	0.55	0.16	0.03
17	0.35	1.08	0.55
18	-	-	-
19	0.08	0.13	0.09
20	-	-	-
21	-	-	-
22	-	-	-
23	1.15	0.30	0.75
24	0.33	0.24	0.08
25	0.14	0.11	0.17
26	0.12	0.09	0.05
27	0.08	0.26	0.06
28	0.06	-	-
29	0.25	-	0.13
30	0.21	0.40	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

LRTAP GROUND SAMPLING STATIONS

MONTHLY SUMMARY OF RESULTS - DECEMBER 1975

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 23 N	8 15 E	190
2	N 05	GJERSTAD	P	58 53 N	8 57 E	240
3	N 06	LISTA	P	58 03 N	7 27 E	138
4	N 08	SKREADALEN	P	58 49 N	6 43 E	475
5	N 10	TOVDAL	P	58 48 N	8 14 E	227
6	N 14	SKEI I JØLSTER	P	61 34 N	6 29 E	205
7	N 15	TUSTERVATN	P	65 50 N	13 55 E	439
8	N 16	TAGMYRA	P	61 25 N	12 04 E	536
9	N 18	LØKEN	P	59 48 N	11 27 E	150
10	N 20	GRIMELID	P	60 08 N	9 36 E	367
11	N 22	VASSER	PA	59 04 N	10 26 E	35
12	N 24	FITJAR	P	59 55 N	5 19 E	20
13	N 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
14	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
15	N 27	VATNEDALEN	P	59 28 N	7 22 E	800

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTORS

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	47.4	33.7	41.1	20.2	27.9	7.4	1.3	1.5	6.4	9.9	7.6	2.5	-	15.9	4.3
2	16.6	31.2	21.5	7.6	19.3	0.0	0.1	7.0	19.7	18.8	16.2	0.0	-	5.4	2.5
3	0.0	0.0	1.1	3.4	0.0	7.1	8.2	0.0	0.0	0.0	0.0	5.0	-	0.0	0.0
4	0.0	0.0	2.0	5.2	0.0	16.3	32.1	0.0	0.0	0.0	0.0	0.6	-	0.0	5.0
5	0.3	0.0	2.4	14.3	0.0	18.3	3.6	0.0	0.0	0.0	0.0	2.7	-	0.0	3.6
6	0.0	0.0	2.1	3.6	0.0	18.4	6.6	0.0	0.0	0.0	0.0	0.4	-	0.0	18.5
7	2.2	0.0	2.6	26.0	0.0	21.5	19.5	0.0	0.0	0.0	0.0	1.0	-	2.1	0.0
8	0.0	0.0	3.3	14.6	0.0	22.0	5.7	0.0	0.0	0.0	0.0	21.0	-	0.0	1.1
9	0.0	0.0	0.3	28.9	0.0	10.2	4.5	2.0	0.0	0.0	0.0	3.4	-	0.0	7.3
10	0.0	0.0	0.0	0.9	0.0	16.0	24.0	0.0	0.0	0.0	0.0	7.3	-	0.0	0.0
11	1.1	0.0	1.1	10.6	0.0	13.6	22.7	0.0	0.0	0.0	0.0	11.8	-	0.0	0.6
12	3.9	0.0	1.6	2.5	0.0	8.8	12.8	0.0	0.0	0.0	0.0	0.9	-	0.0	0.0
13	0.0	0.0	0.0	2.7	0.0	9.3	10.7	0.0	0.0	0.0	0.0	1.6	-	0.0	0.0
14	0.0	0.0	0.7	5.9	0.0	8.1	31.5	0.0	0.0	0.0	0.0	5.4	-	0.0	0.9
15	0.0	0.0	0.6	29.7	0.0	27.8	0.4	0.0	0.0	0.0	0.0	8.2	-	0.0	7.0
16	0.3	0.0	1.4	3.6	0.0	4.3	5.0	0.0	3.5	0.0	0.0	1.6	-	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	3.6	13.5	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
18	0.0	0.0	1.8	1.3	0.0	3.1	12.6	0.0	0.0	0.0	0.0	0.5	-	0.0	0.0
19	0.0	0.0	0.4	0.0	0.0	6.2	4.6	0.0	0.0	0.0	0.0	5.9	-	0.0	0.0
20	0.0	0.0	0.2	16.4	0.0	51.9	31.6	0.0	0.0	0.0	0.0	22.6	-	0.0	6.2
21	0.0	0.0	0.2	25.7	0.0	24.1	27.1	0.0	0.0	0.0	0.0	5.0	-	0.0	15.9
22	0.0	0.0	0.7	26.0	0.0	39.0	19.0	0.0	0.0	0.0	0.0	7.6	-	0.0	12.3
23	0.0	0.0	3.5	29.2	0.0	23.6	3.6	0.7	0.0	0.0	0.0	3.7	-	0.0	18.8
24	0.0	0.0	1.6	3.6	0.0	7.3	15.9	0.0	0.0	0.0	0.0	3.8	-	0.0	0.2
25	0.0	0.0	0.6	13.4	0.0	19.0	13.1	1.1	0.0	0.0	0.0	22.0	-	0.0	3.6
26	0.0	0.0	0.9	9.0	0.0	78.3	20.5	0.0	0.0	0.0	0.0	18.1	-	0.0	0.0
27	0.0	0.0	0.0	40.5	0.0	39.0	20.1	0.0	0.0	0.0	0.0	7.5	-	0.0	30.6
28	0.0	0.0	0.0	26.2	0.0	20.8	9.5	0.0	0.0	0.0	0.0	5.3	-	0.0	9.9
29	2.1	0.0	0.2	32.5	0.6	14.6	20.8	0.0	3.9	0.0	0.3	18.1	-	0.0	8.5
30	8.3	1.2	1.7	47.9	7.4	27.8	28.1	0.0	0.0	0.0	0.0	0.0	-	7.2	31.2
31	2.7	0.0	2.2	20.8	4.2	8.2	12.9	0.0	0.0	0.0	0.0	15.6	-	0.0	8.9

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	-	35.0	30.5	18.3	28.1	7.5	1.3	1.5	-	9.0	-	4.5	-	-	-
2	-	28.7	18.7	6.2	20.5	0.0	0.1	7.5	-	15.0	-	0.0	-	-	-
3	-	0.0	1.2	3.3	0.0	7.2	8.2	0.0	-	0.0	-	5.8	-	-	-
4	-	0.0	3.6	5.1	0.0	17.3	32.1	0.0	-	0.0	-	2.1	-	-	-
5	-	0.0	3.5	12.7	0.0	19.1	3.6	0.0	-	0.0	-	4.3	-	-	-
6	-	0.0	2.5	3.4	0.0	18.9	6.6	0.0	-	0.0	-	13.0	-	-	-
7	-	0.0	4.6	24.5	0.0	23.3	19.5	0.0	-	0.0	-	3.6	-	-	-
8	-	0.0	4.7	14.7	0.0	23.9	5.7	0.0	-	0.0	-	21.0	-	-	-
9	-	0.0	0.5	28.4	0.0	10.3	4.5	2.2	-	0.0	-	5.5	-	-	-
10	-	0.0	0.0	0.8	0.0	16.7	24.0	0.0	-	0.0	-	8.1	-	-	-
11	-	0.0	1.1	10.2	0.0	14.1	22.7	0.0	-	0.0	-	13.3	-	-	-
12	-	0.0	2.0	2.5	0.0	10.0	12.8	0.0	-	0.0	-	2.8	-	-	-
13	-	0.0	0.0	2.6	0.0	10.4	10.7	0.0	-	0.0	-	3.0	-	-	-
14	-	0.0	1.1	5.5	0.0	8.4	31.5	0.0	-	0.0	-	6.5	-	-	-
15	-	0.0	1.6	27.6	0.0	28.4	0.4	0.0	-	0.0	-	9.8	-	-	-
16	-	0.0	1.7	3.3	0.0	5.0	5.0	0.0	-	0.0	-	2.0	-	-	-
17	-	0.0	0.0	0.0	0.0	3.7	13.5	0.0	-	0.0	-	0.0	-	-	-
18	-	0.0	2.4	1.1	0.0	3.3	12.6	0.0	-	0.0	-	0.5	-	-	-
19	-	0.0	0.5	0.0	0.0	6.1	4.6	0.0	-	0.0	-	6.5	-	-	-
20	-	0.0	0.6	15.4	0.0	53.1	31.6	0.0	-	0.0	-	23.0	-	-	-
21	-	0.0	0.9	24.1	0.0	24.9	27.1	0.0	-	0.0	-	6.2	-	-	-
22	-	0.0	1.1	24.2	0.0	40.0	19.0	0.0	-	0.0	-	9.0	-	-	-
23	-	0.0	4.5	27.1	0.0	24.8	3.6	0.7	-	0.0	-	4.9	-	-	-
24	-	0.0	2.3	4.1	0.0	8.2	15.9	0.0	-	0.0	-	5.5	-	-	-
25	-	0.0	0.8	12.7	0.0	20.9	13.1	-	-	0.0	-	22.0	-	-	-
26	-	0.0	2.9	7.8	0.0	78.5	20.5	0.0	-	0.0	-	19.0	-	-	-
27	-	0.0	0.0	35.9	0.0	40.0	20.1	0.0	-	0.0	-	9.0	-	-	-
28	-	0.0	0.2	24.1	0.0	21.5	9.5	0.0	-	0.0	-	6.8	-	-	-
29	-	0.0	0.5	31.5	0.3	14.7	20.8	0.0	-	0.0	-	19.8	-	-	-
30	-	19.0	2.9	45.3	7.6	30.6	28.1	0.0	-	0.0	-	1.0	-	-	-
31	-	0.0	4.3	19.0	4.1	9.7	12.9	0.0	-	0.0	-	14.0	-	-	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	0.19	0.08	1.20	0.50	0.03	0.03	0.01	0.05	0.14	0.03	1.32	1.10	0.11	0.09	0.01
2	0.24	0.14	0.08	0.01	0.01	-	-	0.01	0.04	0.04	0.55	-	0.06	0.05	-
3	-	-	0.57	0.24	-	0.17	0.06	-	-	-	-	0.58	0.32	-	-
4	-	-	1.56	1.14	-	0.50	0.44	-	-	-	-	-	0.60	-	0.99
5	-	-	3.20	1.30	-	0.44	0.43	-	-	-	-	1.68	-	-	0.50
6	-	-	2.98	0.15	-	0.01	0.08	-	-	-	-	0.53	0.29	-	0.26
7	0.59	-	-	1.79	-	0.96	0.02	-	-	-	-	15.00	0.30	0.12	-
8	-	-	2.80	0.12	-	0.01	0.13	-	-	-	-	0.43	0.01	-	0.20
9	-	-	-	0.03	-	0.27	0.27	0.02	-	-	-	3.31	1.03	-	0.01
10	-	-	-	0.20	-	0.01	0.01	-	-	-	-	0.35	0.15	-	-
11	0.41	-	7.00	0.21	-	0.01	0.19	-	-	-	-	0.75	0.01	-	0.10
12	0.14	-	2.06	0.01	-	0.04	0.18	-	-	-	-	0.43	1.09	-	-
13	-	-	-	0.01	-	0.01	0.08	-	-	-	-	0.74	0.16	-	-
14	-	-	5.20	0.10	-	0.25	2.38	-	-	-	-	0.83	2.26	-	0.19
15	-	-	2.67	0.04	-	0.11	3.56	-	-	-	-	0.64	0.74	-	0.01
16	-	-	2.58	0.08	-	0.13	0.37	-	0.11	-	-	1.22	0.74	-	-
17	-	-	-	-	-	0.10	0.16	-	-	-	-	-	0.07	-	-
18	-	-	1.39	0.01	-	0.13	0.96	-	-	-	-	2.68	0.31	-	-
19	-	-	1.51	-	-	0.38	0.57	-	-	-	-	0.88	0.17	-	-
20	-	-	-	0.24	-	0.18	1.10	-	-	-	-	0.95	0.07	-	0.10
21	-	-	7.70	0.02	-	0.71	2.58	-	-	-	-	2.41	0.57	-	0.14
22	-	-	2.69	0.03	-	0.14	0.36	-	-	-	-	0.72	1.60	-	0.04
23	-	-	4.70	0.07	-	0.13	0.27	0.12	-	-	-	0.22	0.48	-	0.05
24	-	-	2.58	0.69	-	0.23	0.24	-	-	-	-	1.86	2.25	-	0.51
25	-	-	2.46	0.01	-	0.02	0.70	0.12	-	-	-	0.22	0.03	-	0.08
26	-	-	24.40	0.01	-	0.02	0.03	-	-	-	-	0.82	0.01	-	-
27	-	-	-	0.10	-	0.06	3.81	-	-	-	-	0.75	0.01	-	0.01
28	-	-	-	0.13	-	0.10	1.48	-	-	-	-	0.47	0.12	-	0.05
29	0.50	-	30.36	0.08	0.31	0.07	0.10	-	0.26	-	95.36	0.67	0.08	-	0.04
30	0.44	0.71	23.50	0.80	0.44	1.66	0.22	-	-	-	-	-	1.07	-	0.84
31	0.54	-	7.76	0.39	0.23	0.27	0.68	-	-	-	-	0.63	0.57	-	0.17

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

SULPHATE IN PRECIPITATION (MILLIGRAMS PER LITER), CORRECTED FOR SEASPRAY.

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	1.6	2.2	2.0	4.5	1.3	0.4	0.4	2.9	2.0	1.4	3.8	2.1	-	0.7	0.3
2	1.3	1.7	1.2	0.7	0.9	-	-	1.2	1.7	1.4	3.4	-	-	0.5	1.0
3	-	-	1.4	1.1	-	0.5	0.8	-	-	-	-	2.7	-	-	-
4	-	-	0.2	1.4	-	0.9	0.3	-	-	-	-	-	-	-	1.8
5	-	-	10.7	1.0	-	0.4	1.1	-	-	-	-	2.3	-	-	1.4
6	-	-	0.0	0.3	-	0.1	0.7	-	-	-	-	1.1	-	-	0.5
7	1.2	-	65.4	0.8	-	0.2	0.1	-	-	-	-	7.1	-	0.5	-
8	-	-	2.0	1.5	-	0.4	0.0	-	-	-	-	0.9	0.4	-	1.2
9	-	-	-	1.4	-	1.1	0.3	1.3	-	-	-	1.2	3.0	-	0.1
10	-	-	-	1.8	-	0.3	0.7	-	-	-	-	2.9	2.7	-	-
11	7.5	-	20.2	7.1	-	0.4	0.7	-	-	-	-	3.4	1.0	-	10.1
12	4.1	-	7.7	1.6	-	0.5	0.8	-	-	-	-	2.6	5.1	-	-
13	-	-	-	0.4	-	1.0	0.6	-	-	-	-	2.2	1.3	-	-
14	-	-	1.5	0.5	-	0.1	0.0	-	-	-	-	0.1	17.2	-	-
15	-	-	2.7	0.2	-	0.0	0.4	-	-	-	-	0.0	2.4	-	-
16	-	-	1.8	0.6	-	0.0	0.4	-	1.7	-	-	4.2	2.4	-	-
17	-	-	-	-	-	1.1	0.3	-	-	-	-	-	1.4	-	-
18	-	-	1.6	1.5	-	1.2	0.0	-	-	-	-	1.2	3.4	-	-
19	-	-	0.9	-	-	0.7	1.5	-	-	-	-	0.9	-	-	-
20	-	-	-	1.3	-	0.2	0.7	-	-	-	-	0.0	0.0	-	0.7
21	-	-	-	0.9	-	0.0	0.6	-	-	-	-	0.8	1.2	-	0.5
22	-	-	2.2	1.0	-	0.0	0.6	-	-	-	-	1.0	1.9	-	0.2
23	-	-	3.7	1.2	-	0.0	0.3	3.3	-	-	-	0.6	2.6	-	0.0
24	-	-	0.8	0.2	-	0.6	0.1	-	-	-	-	1.4	1.3	-	0.6
25	-	-	4.6	0.1	-	0.1	0.6	3.3	-	-	-	0.4	0.7	-	0.0
26	-	-	0.0	0.1	-	0.1	0.2	-	-	-	-	0.1	0.4	-	-
27	-	-	-	1.7	-	0.0	0.3	-	-	-	-	0.1	0.4	-	0.1
28	-	-	-	1.5	-	0.2	0.5	-	-	-	-	0.7	3.5	-	0.0
29	3.3	-	0.0	1.3	5.7	0.5	0.4	-	2.9	-	10.0	1.2	4.0	-	0.1
30	1.8	2.3	0.8	1.6	0.9	0.0	0.1	-	-	-	-	-	2.0	-	0.2
31	0.4	-	1.8	0.7	0.3	0.6	0.5	-	-	-	-	0.8	-	-	0.4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

PH IN PRECIPITATION

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	4.60	4.65	4.50	5.15	4.50	5.90	5.25	4.35	4.15	4.50	4.30	4.20	4.15	4.50	5.50
2	4.50	4.60	4.75	4.80	4.80	-	-	4.55	4.30	4.60	4.45	-	4.30	4.60	4.90
3	-	-	4.70	5.10	-	5.60	5.20	-	-	-	-	5.05	4.90	-	-
4	-	-	5.35	5.00	-	5.25	5.25	-	-	-	-	-	5.00	-	5.25
5	-	-	5.30	5.25	-	5.70	5.25	-	-	-	-	6.15	-	-	5.30
6	-	-	4.75	4.20	-	5.35	5.25	-	-	-	-	5.25	5.60	-	5.45
7	4.50	-	6.00	5.30	-	5.70	5.25	-	-	-	-	6.30	5.30	5.10	-
8	-	-	5.25	5.20	-	5.20	5.40	-	-	-	-	5.40	4.90	-	6.10
9	-	-	5.65	5.20	-	5.80	5.10	5.05	-	-	-	5.80	5.00	-	5.55
10	-	-	-	5.00	-	5.40	5.35	-	-	-	-	4.70	4.70	-	-
11	3.75	-	3.75	3.65	-	5.80	5.40	-	-	-	-	4.20	5.10	-	6.90
12	4.00	-	4.05	5.25	-	5.90	5.10	-	-	-	-	5.90	-	-	-
13	-	-	-	5.15	-	5.35	5.55	-	-	-	-	4.30	6.90	-	-
14	-	-	-	5.25	-	5.50	5.35	-	-	-	-	5.85	4.80	-	6.35
15	-	-	-	5.20	-	5.30	-	-	-	-	-	5.60	5.30	-	6.20
16	-	-	-	5.10	-	5.65	5.30	-	4.60	-	-	4.60	5.30	-	-
17	-	-	-	-	-	5.80	5.15	-	-	-	-	-	5.15	-	-
18	-	-	-	5.10	-	5.85	6.50	-	-	-	-	5.20	4.35	-	-
19	-	-	-	-	-	5.40	5.80	-	-	-	-	5.40	-	-	-
20	-	-	-	4.60	-	5.30	5.30	-	-	-	-	5.20	6.40	-	5.40
21	-	-	-	5.30	-	5.35	5.10	-	-	-	-	5.45	5.80	-	5.50
22	-	-	5.10	5.10	-	5.40	5.20	-	-	-	-	5.50	5.10	-	4.80
23	-	-	5.70	4.90	-	5.35	5.00	5.50	-	-	-	5.40	5.60	-	5.70
24	-	-	5.70	5.20	-	5.70	5.20	-	-	-	-	5.80	5.20	-	6.60
25	-	-	5.70	5.20	-	4.95	5.00	5.50	-	-	-	5.40	6.00	-	5.80
26	-	-	6.20	5.70	-	5.60	5.60	-	-	-	-	5.65	5.70	-	-
27	-	-	-	5.10	-	5.45	5.50	-	-	-	-	5.90	5.95	-	5.40
28	-	-	-	5.10	-	5.45	5.35	-	-	-	-	5.95	-	-	5.60
29	4.30	-	6.30	4.85	4.60	5.20	5.55	-	4.30	-	-	4.60	-	-	5.95
30	4.50	5.20	5.60	4.90	5.20	5.40	5.45	-	-	-	-	-	-	-	5.20
31	5.85	-	5.50	5.25	5.20	6.15	5.15	-	-	-	-	5.05	-	-	6.50

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 25	N 26	N 27
1	25	22	46	0	29	-41	-	15	71	35	49	63	71	35	-10
2	35	25	16	8	14	-	-	27	50	21	38	-	50	25	5
3	-	-	20	-5	-	-10	-7	-	-	-	-	1	13	-	-
4	-	-	-	2	-	-2	-8	-	-	-	-	-	-	-	-4
5	-	-	-	-12	-	-14	-	-	-	-	-	-	-	-	-12
6	-	-	18	-1	-	-16	-6	-	-	-	-	-	-	-	-11
7	32	-	-11	-2	-	-14	-6	-	-	-	-	-	-	5	-
8	-	-	5	1	-	-1	-5	-	-	-	-	-	13	-	-
9	-	-	-	1	-	-24	-1	-	-	-	-	-20	-	-	-2
10	-	-	-	-	-	-6	-2	-	-	-	-	20	20	-	-
11	180	-	180	266	-	-16	-3	-	-	-	-	63	-	-	-
12	100	-	89	-	-	-24	-4	-	-	-	-	-	-	-	-
13	-	-	-	6	-	-5	-14	-	-	-	-	50	-	-	-
14	-	-	-	-1	-	-8	-5	-	-	-	-	-	16	-	-
15	-	-	-	-1	-	7	-	-	-	-	-	-14	-	-	-58
16	-	-	-	5	-	-7	-6	-	25	-	-	25	-	-	-
17	-	-	-	-	-	-9	-6	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-10	-81	-	-	-	-	-	45	-	-
19	-	-	-	-	-	1	-	-	-	-	-	-2	-	-	-
20	-	-	-	9	-	4	-5	-	-	-	-	-	-	-	-11
21	-	-	-	-9	-	-6	4	-	-	-	-	-5	-	-	-7
22	-	-	-	6	-	-5	4	-	-	-	-	-	-	-	11
23	-	-	-	11	-	-6	-	-	-	-	-	-1	-6	-	-10
24	-	-	-	3	-	-24	4	-	-	-	-	-26	-	-	-
25	-	-	-	3	-	-4	8	-	-	-	-	-2	-	-	-54
26	-	-	-	-12	-	-8	-6	-	-	-	-	-	-	-	-
27	-	-	-	8	-	-10	-4	-	-	-	-	-	-	-	-4
28	-	-	-	22	-	-	2	-	-	-	-	-30	-	-	-19
29	50	-	-	18	25	1	0	-	50	-	-	25	-	-	-9
30	32	-	-	18	-5	-8	-1	-	-	-	-	-	-	-	-3
31	-	-	-	-15	-10	-106	-	-	-	-	-	1	-	-	-92

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

SO2 IN AIR ( MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	5	2	5	1	6
2	3	6	10	1	6
3	4	7	4	2	4
4	1	7	4	3	2
5	3	3	1	2	4
6	1	2	2	-	5
7	1	2	2	-	1
8	1	4	1	26	6
9	1	2	5	3	6
10	1	2	3	2	5
11	3	5	5	1	6
12	7	5	2	3	1
13	2	5	3	4	2
14	1	2	2	1	6
15	3	1	2	3	1
16	2	1	5	-	1
17	2	1	8	1	1
18	3	2	7	2	2
19	1	1	3	1	1
20	4	1	1	2	2
21	2	2	1	2	2
22	3	3	1	3	1
23	4	3	4	3	1
24	2	4	2	1	1
25	3	5	3	2	1
26	1	5	2	2	3
27	1	3	1	3	2
28	1	2	1	1	1
29	4	4	3	2	2
30	19	1	2	2	2
31	3	6	2	2	2

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	2.1	0.7	3.1	0.3	1.1
2	1.3	1.0	4.2	1.2	0.8
3	1.2	0.8	1.2	0.5	0.9
4	1.4	1.1	1.5	0.2	0.8
5	0.8	1.9	0.4	0.2	0.4
6	0.2	0.7	0.9	-	0.4
7	0.4	0.7	0.5	-	0.3
8	0.7	0.8	0.9	0.2	0.5
9	0.6	0.5	2.6	0.4	0.6
10	1.3	1.1	2.1	0.2	0.9
11	2.9	1.2	4.5	0.2	2.1
12	1.1	2.6	0.6	0.2	1.1
13	0.5	0.5	1.3	0.3	0.4
14	0.3	0.5	1.0	0.4	0.1
15	0.3	0.3	0.8	0.1	0.0
16	0.5	0.1	1.0	0.5	0.4
17	0.3	0.8	1.3	0.4	0.5
18	0.6	0.7	1.6	0.3	0.6
19	0.2	0.8	3.1	0.7	0.7
20	0.8	1.3	1.3	0.0	0.4
21	0.4	1.8	1.7	0.1	0.4
22	1.0	0.6	1.0	0.2	0.3
23	0.5	0.9	1.3	0.3	0.3
24	0.6	0.6	0.9	0.4	0.2
25	0.4	0.2	0.7	0.3	0.4
26	0.1	0.2	1.3	0.2	0.1
27	0.6	0.8	3.0	0.1	0.2
28	1.4	1.3	1.4	0.1	0.2
29	1.4	1.0	5.2	0.1	-
30	1.4	0.4	1.0	0.1	-
31	-	-	-	0.0	-

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	4	75	82	91	36	3	1	4	12	14	29	5	11	1
2	22	52	25	6	17	0	-	8	34	27	54	0	3	3
3	0	0	2	4	0	4	6	0	0	0	0	14	0	0
4	0	0	0	7	0	15	9	0	0	0	0	0	0	9
5	-	0	26	15	0	8	4	0	0	0	0	6	0	5
6	0	0	0	1	0	2	5	0	0	0	0	0	0	9
7	3	0	169	20	0	5	2	0	0	0	0	7	1	0
8	0	0	6	23	0	9	0	0	0	0	0	19	0	1
9	0	0	-	42	0	11	2	3	0	0	0	4	0	1
10	0	0	0	2	0	4	17	0	0	0	0	21	0	0
11	9	0	22	75	0	6	15	0	0	0	0	40	0	6
12	16	0	12	4	0	5	11	0	0	0	0	2	0	0
13	0	0	0	1	0	10	6	0	0	0	0	4	0	0
14	0	0	1	3	0	1	0	0	0	0	0	0	0	-
15	0	0	2	6	0	0	0	0	0	0	0	0	0	-
16	-	0	3	2	0	0	2	0	6	0	0	7	0	0
17	0	0	0	0	0	4	4	0	0	0	0	0	0	0
18	0	0	3	2	0	4	0	0	0	0	0	1	0	0
19	0	0	0	0	0	4	7	0	0	0	0	5	0	0
20	0	0	-	21	0	12	22	0	0	0	0	0	0	4
21	0	0	-	22	0	0	17	0	0	0	0	4	0	7
22	0	0	2	26	0	0	11	0	0	0	0	8	0	3
23	0	0	13	35	0	1	1	2	0	0	0	2	0	1
24	0	0	1	1	0	4	2	0	0	0	0	5	0	0
25	0	0	3	2	0	2	8	4	0	0	0	10	0	0
26	0	0	0	1	0	8	5	0	0	0	0	2	0	0
27	0	0	0	71	0	1	6	0	0	0	0	1	0	4
28	0	0	0	40	0	5	5	0	0	0	0	4	0	0
29	7	0	0	43	3	7	8	0	11	0	3	21	0	1
30	15	3	1	78	7	0	4	0	0	0	0	0	-	6
31	1	0	4	14	1	5	7	0	0	0	0	12	0	4

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

PRECIPITATED ACID (MICROEQUIVALENTS PER M2)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 20	N 22	N 24	N 26	N 27
1	1186	742	1892	0	809	-303	-	23	452	348	374	160	557	-43
2	579	780	343	61	270	0	-	190	987	395	617	0	135	13
3	0	0	22	-17	0	-71	-57	0	0	0	0	5	0	0
4	0	0	-	10	0	-33	-257	0	0	0	0	-	0	-20
5	-	0	-	-171	0	-256	-	0	0	0	0	-	0	-44
6	0	0	37	-4	0	-294	-40	0	0	0	0	-	0	-203
7	71	0	-28	-52	0	-300	-117	0	0	0	0	-	10	0
8	0	0	17	15	0	-22	-28	0	0	0	0	-	0	-
9	0	0	-	29	0	-246	-5	-	0	0	0	-69	0	-15
10	0	0	0	-	0	-96	-48	0	0	0	0	146	0	0
11	206	0	195	2828	0	-218	-68	0	0	0	0	742	0	-
12	395	0	142	-	0	-211	-51	0	0	0	0	-	0	0
13	0	0	0	16	0	-46	-150	0	0	0	0	80	0	0
14	0	0	-	-6	0	-65	-158	0	0	0	0	-	0	-
15	0	0	-	-30	0	194	-	0	0	0	0	-115	0	-403
16	-	0	-	18	0	-30	-30	0	88	0	0	40	0	0
17	0	0	0	0	0	-33	-81	0	0	0	0	0	0	0
18	0	0	-	-	0	-31	-1021	0	0	0	0	-	0	0
19	0	0	-	0	0	6	-	0	0	0	0	-12	0	0
20	0	0	-	147	0	208	-158	0	0	0	0	-	0	-68
21	0	0	-	-231	0	-144	108	0	0	0	0	-25	0	-111
22	0	0	-	156	0	-195	76	0	0	0	0	-	0	135
23	0	0	-	321	0	-142	-	-	0	0	0	-4	0	-188
24	0	0	-	11	0	-174	64	0	0	0	0	-99	0	-
25	0	0	-	40	0	-76	105	-	0	0	0	-44	0	-196
26	0	0	-	-108	0	-626	-123	0	0	0	0	-	0	0
27	0	0	0	324	0	-390	-80	0	0	0	0	-	0	-122
28	0	0	0	576	0	-	19	0	0	0	0	-160	0	-187
29	103	0	-	586	14	15	0	0	197	0	-	454	0	-77
30	265	-	-	863	-37	-222	-28	0	0	0	0	0	-	-94
31	-	0	-	-311	-42	-871	-	0	0	0	0	16	0	-320



LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	0.34	0.35	0.32	0.82	0.61	0.31	0.25
2	0.21	0.11	0.09	0.33	0.38	0.17	-
3	-	0.11	-	-	-	-	-
4	-	0.07	-	-	-	-	0.09
5	-	0.05	-	-	-	-	0.08
6	-	0.03	-	-	-	-	0.03
7	-	0.03	-	-	-	0.07	-
8	-	0.03	-	-	-	-	0.07
9	-	0.03	-	0.23	-	-	0.03
10	-	0.18	-	-	-	-	-
11	-	1.01	-	-	-	-	1.70
12	-	0.10	-	-	-	-	-
13	-	0.03	-	-	-	-	-
14	-	0.03	-	-	-	-	0.03
15	-	0.03	-	-	-	-	0.08
16	-	0.03	-	-	0.33	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	0.08	-	-	-	-	0.10
21	-	0.03	-	-	-	-	0.03
22	-	0.05	-	-	-	-	0.03
23	-	0.03	-	0.63	-	-	0.03
24	-	0.03	-	-	-	-	0.05
25	-	0.03	-	0.63	-	-	0.03
26	-	0.03	-	-	-	-	-
27	-	0.03	-	-	-	-	0.03
28	-	0.05	-	-	-	-	0.03
29	0.49	0.05	0.28	-	0.37	-	0.03
30	0.21	0.07	0.06	-	-	-	0.03
31	-	0.03	0.03	-	-	-	0.03

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	0.30	0.04	0.12	0.74	0.51	0.12	0.36
2	0.17	0.04	0.04	0.16	0.26	0.03	-
3	-	0.23	-	-	-	-	-
4	-	0.12	-	-	-	-	0.04
5	-	0.04	-	-	-	-	0.15
6	-	0.06	-	-	-	-	0.04
7	-	0.04	-	-	-	0.15	-
8	-	0.04	-	-	-	-	0.36
9	-	0.04	-	0.23	-	-	0.04
10	-	0.13	-	-	-	-	-
11	-	0.71	-	-	-	-	-
12	-	0.12	-	-	-	-	-
13	-	0.05	-	-	-	-	-
14	-	0.09	-	-	-	-	0.04
15	-	0.04	-	-	-	-	0.64
16	-	0.04	-	-	0.23	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	0.08	-	-	-	-	0.21
21	-	0.04	-	-	-	-	0.04
22	-	0.04	-	-	-	-	0.06
23	-	0.04	-	1.07	-	-	0.16
24	-	0.10	-	-	-	-	0.31
25	-	0.04	-	1.07	-	-	0.36
26	-	0.12	-	-	-	-	-
27	-	0.04	-	-	-	-	0.05
28	-	0.04	-	-	-	-	0.19
29	0.37	0.05	0.39	-	0.30	-	0.16
30	0.29	0.17	0.16	-	-	-	0.13
31	-	0.04	0.12	-	-	-	1.06

LONG RANGE TRANSPORT OF AIR POLLUTANTS, FINAL DATA

DECEMBER 75

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	0.12	0.06	0.09
2	0.13	0.14	0.05
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	0.41	-	0.13
8	-	-	-
9	-	-	-
10	-	-	-
11	0.29	-	-
12	0.20	-	-
13	-	-	-
14	-	-	-
15	-	-	-
16	-	-	-
17	-	-	-
18	-	-	-
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	0.30	1.50	-
30	0.24	0.55	-
31	0.31	0.40	-