

NILU
TEKNISK NOTAT NR 11/78
REFERANSE: 01575
DATO: AUGUST 1978

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

TILLEGG TIL NILU TN 11/78

NEDBØR- OG LUFTKVALITET VED
NORSKE BAKGRUNNSTASJONER I 1976
AV
JAN SCHAUG OG EINAR JORANGER

NORSK INSTITUTT FOR LUFTFORSKNING
POSTBOKS 130, 2001 LILLESTRØM
NORGE

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - JANUARY 1976

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 12 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	PA	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

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

JANUARY 76

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 26	N 27
1	0.0	0.0	1.5	11.1	0.0	0.0	13.6	0.0	0.0	0.0	0.0	3.8	0.0	0.4
2	26.7	10.4	10.7	6.2	18.1	0.0	8.6	0.0	0.0	4.0	0.0	3.2	5.0	2.2
3	4.6	2.0	0.0	0.1	5.2	2.5	9.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0
4	30.6	17.4	11.5	26.9	22.5	12.2	20.6	9.5	3.8	7.8	0.7	21.2	6.7	3.0
5	0.0	0.0	0.0	0.3	0.0	2.6	0.8	0.9	5.7	0.0	0.0	0.0	0.0	0.0
6	3.0	2.8	15.6	19.8	3.1	13.5	10.3	0.0	6.3	1.0	0.8	14.0	2.8	10.5
7	0.0	0.0	6.8	42.3	0.0	47.0	12.0	4.8	0.0	0.0	0.2	20.2	0.0	23.7
8	0.0	0.0	1.2	17.1	0.0	6.6	7.3	0.0	0.0	0.0	0.0	7.0	3.6	14.3
9	0.0	0.0	0.7	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0
10	17.2	5.2	17.9	24.3	8.1	8.4	1.7	3.7	7.1	6.2	3.6	25.5	7.3	14.8
11	0.2	0.0	3.9	18.1	0.3	13.3	14.0	0.5	1.3	0.0	0.0	5.1	0.0	5.1
12	0.0	0.0	0.0	2.1	0.0	4.8	11.1	0.0	0.0	0.0	0.0	1.3	0.0	2.9
13	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
14	1.9	0.0	2.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	4.0
15	2.2	1.3	5.2	10.5	1.7	8.7	0.0	0.0	2.0	0.0	0.5	12.6	1.5	1.7
16	0.0	0.0	0.5	0.0	0.0	4.5	8.4	1.3	0.0	0.0	0.0	0.3	0.0	0.0
17	0.0	0.0	1.3	1.8	0.0	11.3	5.5	0.9	0.0	0.0	0.0	16.6	0.0	0.0
18	0.3	0.0	4.3	15.0	0.0	13.6	9.2	3.5	0.0	0.6	1.0	12.5	0.0	8.1
19	8.0	1.7	11.8	33.4	9.5	25.1	2.7	1.5	0.0	0.0	0.5	11.1	6.4	25.8
20	2.9	0.3	12.7	32.1	4.7	16.4	7.0	0.0	0.0	0.0	0.0	5.8	2.1	17.7
21	0.2	0.0	4.6	14.6	0.0	6.7	14.2	0.0	0.0	0.0	0.0	6.0	0.0	12.2
22	0.0	0.0	0.0	0.0	0.0	1.1	0.6	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	5.7	1.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	9.2	1.1	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	3.6	0.1	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	0.5	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	0.4	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	4.5	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	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	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

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 26	N 27
1	-	0.0	2.5	10.8	0.0	0.1	13.6	0.0	-	0.0	-	4.0	-	-
2	-	10.4	10.7	6.2	18.1	0.2	8.6	0.0	-	4.0	-	4.0	-	-
3	-	2.4	0.0	0.1	5.5	3.0	9.0	0.0	-	0.0	-	0.0	-	-
4	-	17.4	11.5	26.9	22.2	13.5	20.6	9.9	-	8.0	-	21.2	-	-
5	-	-	0.0	0.4	0.0	3.2	0.8	1.0	-	0.0	-	0.0	-	-
6	-	2.8	15.6	18.5	3.5	14.3	10.3	0.0	-	1.0	-	14.0	-	-
7	-	-	6.8	42.3	0.0	46.3	12.0	5.1	-	0.0	-	20.0	-	-
8	-	-	2.4	17.1	0.0	7.4	7.3	0.0	-	0.0	-	6.8	-	-
9	-	-	1.3	0.0	0.0	0.3	0.1	0.0	-	0.0	-	0.3	-	-
10	-	4.9	17.9	24.3	8.5	10.1	1.7	3.6	-	5.5	-	25.5	-	-
11	-	0.0	4.8	16.8	0.5	13.3	14.0	0.6	-	0.0	-	5.9	-	-
12	-	0.0	0.4	2.5	0.0	6.1	11.1	0.0	-	0.0	-	2.0	-	-
13	-	0.0	0.0	0.0	0.0	0.3	0.0	0.0	-	0.0	-	1.0	-	-
14	-	0.0	1.7	5.5	0.1	0.0	0.0	0.0	-	0.0	-	7.5	-	-
15	-	1.5	3.8	9.8	1.5	8.7	0.0	0.0	-	0.0	-	12.5	-	-
16	-	0.0	1.6	0.0	0.0	4.7	8.4	1.5	-	0.0	-	0.6	-	-
17	-	0.0	1.7	1.5	0.0	12.5	5.5	0.9	-	0.0	-	17.2	-	-
18	-	0.0	5.4	13.5	0.0	14.7	9.2	3.6	-	0.7	-	12.5	-	-
19	-	1.7	13.5	33.4	9.5	26.2	2.7	1.6	-	0.0	-	11.0	-	-
20	-	0.3	12.7	32.1	5.0	18.0	7.0	0.0	-	0.0	-	6.1	-	-
21	-	0.0	4.6	13.0	0.0	8.7	14.2	0.0	-	0.0	-	7.5	-	-
22	-	0.0	0.0	0.0	0.0	1.3	0.6	0.0	-	0.0	-	0.0	-	-
23	-	0.0	0.0	0.0	0.0	7.0	1.0	0.0	-	0.0	-	6.5	-	-
24	-	0.0	0.0	0.0	0.0	10.0	1.1	0.0	-	0.0	-	0.0	-	-
25	-	0.0	0.0	0.0	0.0	4.0	0.1	0.0	-	0.0	-	0.0	-	-
26	-	0.0	0.0	0.0	0.0	0.6	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	0.7	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
29	-	0.0	0.0	0.0	0.0	0.0	4.5	0.0	-	0.0	-	0.0	-	-
30	-	0.0	0.0	0.0	0.0	0.0	17.5	0.0	-	0.0	-	0.0	-	-
31	-	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-	0.0	-	0.0	-	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

JANUARY 76

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	-	-	8.92	0.13	-	-	1.41	-	-	-	-	1.26	0.57	-	0.27
2	0.06	0.54	1.16	0.19	0.08	-	0.26	-	-	0.09	-	0.35	-	0.08	0.09
3	0.05	0.07	-	-	0.05	0.17	0.28	-	-	-	-	-	1.17	0.08	-
4	0.35	0.22	7.49	0.40	0.06	0.16	0.17	0.04	1.35	0.04	-	1.11	-	0.08	0.41
5	-	-	-	0.76	-	0.10	0.13	0.06	0.10	-	-	-	-	0.42	-
6	0.13	0.12	0.52	0.02	0.07	0.05	0.03	-	0.06	0.22	22.50	0.22	0.21	0.09	0.02
7	-	-	1.53	0.09	-	0.18	1.07	0.03	-	-	41.50	0.28	0.05	-	0.03
8	-	-	5.69	0.90	-	0.82	0.02	-	-	-	-	1.15	0.49	0.10	0.31
9	-	-	4.45	-	-	-	0.20	-	-	-	-	1.53	-	-	-
10	0.09	0.12	5.80	0.29	0.16	0.35	0.23	0.03	0.08	0.03	4.05	0.40	0.24	0.07	0.11
11	-	-	3.20	0.31	0.19	0.24	0.70	0.24	0.12	-	-	0.50	-	-	0.27
12	-	-	-	1.12	-	0.27	0.46	-	-	-	-	1.90	5.94	-	0.32
13	-	-	-	-	-	-	-	-	-	-	-	-	0.36	-	-
14	0.08	-	0.31	0.02	-	-	-	-	-	-	-	0.07	0.27	-	0.02
15	0.43	0.22	0.49	0.04	0.09	0.06	-	-	0.09	-	3.36	0.19	-	0.07	0.10
16	-	-	6.80	-	-	0.50	0.20	0.24	-	-	-	-	0.59	-	-
17	-	-	0.67	0.08	-	0.02	0.23	0.05	-	-	-	-	0.15	0.05	-
18	-	-	2.45	0.26	-	0.10	0.01	0.03	-	0.29	2.68	0.70	0.40	-	0.05
19	0.14	0.12	1.80	0.22	0.12	0.31	0.06	0.05	-	-	3.21	0.77	0.13	0.05	0.19
20	0.70	0.50	23.00	1.19	0.30	0.32	0.05	-	-	-	-	3.65	0.75	0.38	0.28
21	-	-	9.28	0.59	-	0.32	0.13	-	-	-	-	2.35	0.08	-	0.09
22	-	-	-	-	-	0.32	0.19	-	-	-	-	-	0.87	-	-
23	-	-	-	-	-	0.14	0.08	-	-	-	-	0.22	0.40	-	-
24	-	-	-	-	-	0.39	0.05	-	-	-	-	-	0.30	-	-
25	-	-	-	-	-	0.04	0.40	-	-	-	-	-	0.12	-	-
26	-	-	-	-	-	0.32	-	-	-	-	-	-	0.09	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	0.54	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	0.01	-	-	-	-	-	0.62	-	-
30	-	-	-	-	-	-	0.08	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	0.22	-	-

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	-	-	2.4	0.5	-	-	0.8	-	-	-	-	1.4	3.6	-	0.3
2	0.6	0.8	4.8	0.1	0.6	-	0.5	-	-	0.0	-	1.7	-	0.1	0.1
3	0.0	0.5	-	-	0.5	1.3	0.5	-	-	-	-	-	0.0	0.1	-
4	0.6	0.3	0.1	0.2	0.2	0.1	0.2	0.7	1.8	1.0	-	1.1	-	0.1	0.0
5	-	-	-	1.7	-	0.4	0.5	0.6	1.0	-	-	-	3.2	-	-
6	1.8	1.2	1.6	0.1	0.2	0.3	0.1	-	0.3	2.5	12.5	0.4	3.2	0.0	0.1
7	-	-	1.3	0.9	-	0.4	0.5	0.4	-	-	-	0.5	0.2	-	0.1
8	-	-	0.3	1.9	-	0.4	0.1	-	-	-	-	0.9	1.8	0.0	0.1
9	-	-	2.4	-	-	-	0.5	-	-	-	-	1.8	-	-	-
10	0.4	0.5	0.0	0.4	0.0	0.6	0.4	0.1	1.0	0.8	1.9	0.7	5.2	0.0	0.1
11	-	-	0.2	0.6	1.3	1.0	0.2	1.1	2.6	-	-	1.2	-	-	0.2
12	-	-	-	1.4	-	0.5	0.0	-	-	-	-	1.6	0.2	-	1.0
13	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-
14	0.3	-	1.0	0.1	-	-	-	-	-	-	-	0.6	3.2	-	0.3
15	4.2	4.0	2.6	0.1	3.1	0.5	-	-	2.7	-	7.4	0.7	-	1.5	0.4
16	-	-	4.0	-	-	0.3	0.0	16.0	-	-	-	-	1.6	-	-
17	-	-	0.1	0.0	-	0.3	0.1	0.5	-	-	-	0.4	1.8	-	-
18	-	-	2.1	0.0	-	0.4	0.1	0.5	-	-	8.8	0.8	2.5	-	0.3
19	1.1	0.5	1.5	0.0	0.6	0.1	0.0	0.5	-	-	9.5	0.8	2.0	0.2	0.5
20	0.2	1.7	0.0	0.0	0.4	0.1	0.0	-	-	-	-	0.0	1.1	0.3	0.2
21	-	-	0.0	0.0	-	0.1	0.2	-	-	-	-	0.4	0.7	-	0.3
22	-	-	-	-	-	0.2	0.5	-	-	-	-	-	0.7	-	-
23	-	-	-	-	-	0.8	0.7	-	-	-	-	0.7	2.6	-	-
24	-	-	-	-	-	0.0	1.2	-	-	-	-	-	3.1	-	-
25	-	-	-	-	-	0.7	2.3	-	-	-	-	-	3.6	-	-
26	-	-	-	-	-	5.6	-	-	-	-	-	-	4.2	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	2.3	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	0.4	-	-	-	-	-	9.2	-	-
30	-	-	-	-	-	-	1.9	-	-	-	-	-	14.2	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JANUARY 76

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	-	-	5.85	6.15	-	-	5.25	-	-	-	-	5.40	6.10	-	7.15
2	4.80	4.60	4.85	5.00	5.15	-	5.30	-	-	5.10	-	4.50	-	4.90	5.95
3	5.10	5.00	-	-	5.00	6.15	5.25	-	-	-	-	-	6.55	4.90	-
4	5.05	5.40	4.75	5.15	5.50	5.40	4.60	5.20	4.90	5.00	-	4.85	-	4.90	5.50
5	-	-	-	5.55	-	5.70	5.45	5.25	4.90	-	-	-	5.10	-	-
6	4.60	4.40	4.60	5.20	5.25	5.15	5.45	-	4.90	5.70	6.00	5.15	-	4.90	5.30
7	-	-	4.95	4.95	-	5.10	5.40	5.20	-	-	-	5.00	5.70	-	5.30
8	-	-	5.75	5.20	-	5.90	5.45	-	-	-	-	5.55	4.60	5.15	5.05
9	-	-	5.70	-	-	-	5.80	-	-	-	-	5.10	-	-	-
10	5.35	4.90	4.95	5.40	5.45	5.70	5.05	5.15	4.65	5.20	5.90	5.25	5.45	5.15	5.30
11	-	-	5.00	5.10	5.10	5.85	5.40	6.05	5.00	-	-	5.10	-	-	4.85
12	-	-	-	5.05	-	5.35	5.40	-	-	-	-	5.20	4.40	-	6.05
13	-	-	-	-	-	-	-	-	-	-	-	5.20	5.10	-	-
14	5.10	-	5.20	5.50	-	-	-	-	-	-	-	5.20	4.45	-	6.20
15	4.10	4.10	4.35	5.40	4.20	5.70	-	-	4.40	-	4.85	5.30	-	4.35	6.20
16	-	-	6.10	-	-	5.90	5.30	6.05	-	-	-	-	5.80	-	-
17	-	-	5.85	5.90	-	5.80	5.20	5.90	-	-	-	5.30	6.50	-	-
18	-	-	4.40	5.10	-	5.90	5.50	5.35	-	-	6.40	5.00	5.70	-	5.70
19	4.70	5.85	4.80	5.00	5.00	5.30	5.20	5.90	-	-	6.60	5.20	5.30	4.90	5.00
20	5.40	6.65	6.10	5.40	5.90	5.80	5.25	-	-	-	-	6.00	4.95	4.80	5.50
21	-	-	5.80	5.00	-	5.80	5.25	-	-	-	-	5.40	4.90	-	5.90
22	-	-	-	-	-	5.80	5.60	-	-	-	-	-	5.80	-	-
23	-	-	-	-	-	5.80	5.00	-	-	-	-	5.15	5.00	-	-
24	-	-	-	-	-	6.05	5.30	-	-	-	-	-	5.95	-	-
25	-	-	-	-	-	6.60	6.25	-	-	-	-	-	4.75	-	-
26	-	-	-	-	-	5.90	-	-	-	-	-	-	4.40	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	4.20	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	4.70	-	-	-	-	-	3.75	-	-
30	-	-	-	-	-	-	4.40	-	-	-	-	-	4.40	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	4.00	-	-

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	-	-	-	-2	-	-	-	-	-	-	-	-10	-	-	-
2	16	19	5	8	-1	-	-	-	-	-11	-	26	-	13	-
3	3	10	-	-	3	-74	-	-	-	-	-	-	-	13	-
4	3	-11	16	-1	-	2	25	-2	13	10	-	16	-	13	-18
5	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-
6	30	40	25	-1	-	2	8	-	13	-	-	5	-	13	-5
7	-	-	8	8	-	15	0	-3	-	-	-	5	-	-	3
8	-	-	-	1	-	-	-	-	-	-	-	-5	25	7	8
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	2	13	11	1	-	-	-	-	22	-	-38	-2	-	4	13
11	-	-	10	4	-	-5	-	-	10	-	-	6	-	-	14
12	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-3	-	-	-	-	-	-	-	3	35	-	-
15	80	80	45	-2	63	-	-	-	40	-	14	3	-	45	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-
18	-	-	40	3	-	-14	-	-	-	-	-	18	-	-	-
19	23	-	16	7	10	3	-	-	-	-	-	20	-	9	13
20	-	-	-	-5	-	-13	-	-	-	-	-	-2	11	16	10
21	-	-	-	10	-	-	-	-	-	-	-	-	13	-	4
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	10	-	-	-	-	-	10	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	63	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	20	-	-	-	-	-	180	-	-
30	-	-	-	-	-	-	40	-	-	-	-	-	40	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JANUARY 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	0.03	-	-	-	-	0.05
2	0.09	0.08	0.09	-	-	0.10	0.08
3	0.15	-	0.05	-	-	0.10	-
4	0.07	0.03	0.03	0.09	0.24	0.10	0.03
5	-	-	-	0.15	0.10	-	-
6	-	0.03	0.17	-	0.03	0.14	0.03
7	-	0.06	-	0.09	-	-	0.03
8	-	0.03	-	-	-	0.04	0.03
9	-	-	-	-	-	-	-
10	0.05	0.03	0.07	0.15	0.23	0.07	0.03
11	-	0.06	0.10	0.28	0.16	-	0.05
12	-	0.03	-	-	-	-	0.03
13	-	-	-	-	-	-	-
14	-	0.05	-	-	-	-	0.03
15	-	0.07	0.53	-	0.41	0.33	0.07
16	-	-	-	0.28	-	-	-
17	-	0.04	-	0.10	-	-	-
18	-	0.05	-	0.17	-	-	0.04
19	0.08	0.04	0.07	0.10	-	0.05	0.03
20	0.03	0.04	0.03	-	-	0.13	0.03
21	-	0.03	-	-	-	-	0.03
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-
28	-	1.78	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	0.04	-	-	-	-	-
2	0.12	0.04	0.04	-	-	0.06	0.79
3	0.12	-	0.04	-	-	0.06	-
4	0.08	0.04	0.04	0.04	0.24	0.06	0.18
5	-	-	-	0.04	0.06	-	-
6	-	0.04	0.05	-	0.04	0.21	0.09
7	-	0.04	-	0.04	-	-	0.05
8	-	0.04	-	-	-	0.05	0.04
9	-	-	-	-	-	-	-
10	0.04	0.05	0.05	0.08	0.21	0.06	0.04
11	-	0.04	0.04	0.70	0.22	-	0.15
12	-	0.19	-	-	-	-	0.89
13	-	-	-	-	-	-	-
14	-	0.05	-	-	-	-	0.45
15	-	0.08	0.22	-	0.19	0.13	0.06
16	-	-	-	0.70	-	-	-
17	-	0.09	-	0.43	-	-	-
18	-	0.04	-	0.13	-	-	0.04
19	0.09	0.04	0.05	0.43	-	0.03	0.04
20	0.09	0.04	0.30	-	-	0.09	0.04
21	-	0.04	-	-	-	-	0.23
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-
28	-	1.59	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JANUARY 76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	0.09	0.27	0.05
3	0.06	0.28	0.05
4	0.21	0.18	0.05
5	-	-	-
6	0.13	0.32	0.11
7	-	-	-
8	-	-	0.10
9	-	-	-
10	0.09	0.21	0.06
11	-	-	-
12	-	-	-
13	-	-	-
14	0.15	-	-
15	0.39	0.22	0.20
16	-	-	-
17	-	-	-
18	-	-	-
19	0.08	0.28	0.09
20	0.28	0.37	0.20
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	-
31	-	-	-

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	0	0	4	5	0	0	11	0	0	0	0	5	0	0
2	17	9	51	0	11	0	4	0	0	0	0	5	1	0
3	0	1	0	-	3	3	4	0	0	0	0	0	1	0
4	19	5	2	6	4	1	5	6	7	8	-	24	1	0
5	0	0	0	1	0	1	0	1	6	0	0	0	0	0
6	5	4	25	2	0	5	1	0	2	2	10	6	0	1
7	0	0	9	36	0	18	6	2	0	0	-	9	0	2
8	0	0	0	32	0	3	1	0	0	0	0	6	0	1
9	0	0	2	0	0	0	0	0	0	0	0	0	0	0
10	7	3	0	11	0	5	1	0	7	5	7	17	0	1
11	-	0	1	10	0	13	3	1	3	0	0	6	0	1
12	0	0	0	3	0	2	0	0	0	0	0	2	0	3
13	0	0	0	0	0	0	0	0	0	0	0	-	0	0
14	1	0	2	1	-	0	0	0	0	0	0	4	0	1
15	9	5	13	1	5	4	0	0	5	0	4	8	2	1
16	0	0	2	0	0	1	0	21	0	0	0	-	0	0
17	0	0	0	0	0	3	1	0	0	0	0	7	0	0
18	-	0	9	0	0	5	1	2	0	-	8	10	0	3
19	8	1	18	0	6	3	0	1	0	0	5	9	1	13
20	1	1	0	0	2	1	0	0	0	0	0	0	1	3
21	-	0	0	0	0	1	3	0	0	0	0	2	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	4	1	0	0	0	0	4	0	0
24	0	0	0	0	0	0	1	0	0	0	0	0	0	0
25	0	0	0	0	0	2	0	0	0	0	0	0	0	0
26	0	0	0	0	0	3	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	1	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	2	0	0	0	0	0	0	0
30	0	0	0	0	0	0	34	0	0	0	0	0	0	0
31	0	0	0	0	0	0	-	0	0	0	0	0	0	0

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

JANUARY 76

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	0	0	-	-22	0	0	-	0	0	0	0	-38	0	-
2	428	198	53	50	-18	0	-	0	0	-44	0	83	65	-
3	14	20	0	-	16	-184	-	0	0	0	0	0	90	0
4	92	-191	184	-27	-	24	515	-19	50	78	-	339	87	-54
5	0	0	0	-	0	-	-	-	74	0	0	0	0	0
6	90	112	390	-20	-	27	82	0	82	-	-	70	36	-53
7	0	0	54	338	0	705	0	-15	0	0	-	101	0	71
8	0	0	-	17	0	-	-	0	0	0	0	-35	25	115
9	0	0	-	0	0	0	-	0	0	0	0	-	0	0
10	34	67	197	24	-	-	-	-	155	-	-138	-51	29	193
11	-	0	39	73	-	-67	-	-	13	0	0	31	0	71
12	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	-	-18	-	0	0	0	0	0	0	20	0	-
15	178	104	232	-21	106	-	0	0	81	0	7	38	66	-
16	0	0	-	0	0	-	-	-	0	0	0	-	0	0
17	0	0	-	-	0	11	-	-	0	0	0	33	0	0
18	-	0	173	45	0	-191	-	-	0	-	-	225	0	-
19	183	-	188	234	95	75	-	-	0	0	-	223	57	335
20	-	-	-	-160	-	-213	-	0	0	0	0	-12	33	177
21	-	0	-	146	0	-	-	0	0	0	0	-	0	49
22	0	0	0	0	0	-	-	0	0	0	0	0	0	0
23	0	0	0	0	0	-	10	0	0	0	0	-	0	0
24	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
26	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
28	0	0	0	24	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	90	0	0	0	0	0	0	0
30	0	0	0	0	0	0	700	0	0	0	0	0	0	0
31	0	0	0	0	0	0	-	0	0	0	0	0	0	0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	0.5	0.5	0.3	0.4	0.3
2	-	0.1	2.4	0.4	0.3
3	-	0.7	0.3	0.4	0.1
4	-	0.7	0.6	0.5	0.5
5	-	0.6	1.0	0.4	-
6	-	0.6	1.4	0.2	0.6
7	-	0.9	4.1	0.3	0.4
8	-	0.9	1.2	0.2	0.3
9	0.7	1.0	1.0	0.3	0.5
10	0.5	0.6	1.1	0.3	0.5
11	1.3	1.1	1.3	0.3	0.7
12	0.7	1.0	0.7	0.3	0.7
13	0.8	0.4	0.6	0.2	0.4
14	0.8	0.4	-	0.3	0.3
15	1.3	0.9	2.2	1.0	2.2
16	0.9	-	2.6	0.1	0.5
17	0.8	0.5	1.1	0.2	0.4
18	1.5	0.7	2.2	0.0	0.1
19	1.2	0.8	1.2	0.3	0.1
20	1.3	0.8	0.5	0.2	0.6
21	0.9	0.5	1.4	0.4	0.5
22	1.1	0.7	1.4	0.3	0.6
23	0.9	0.4	0.8	0.5	0.5
24	1.4	1.1	1.8	0.2	0.8
25	0.9	1.0	1.8	0.4	0.9
26	0.5	0.6	2.2	0.6	0.6
27	0.7	0.8	6.3	0.9	0.5
28	3.6	3.0	7.2	0.8	3.5
29	8.2	5.7	11.3	1.3	5.9
30	4.6	3.0	13.9	2.7	3.4
31	-	-	14.7	1.2	1.0

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - FEBRUARY 1976

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	PA	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

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

FEBRUARY 76

AMOUNT OF PRECIPITATION(MM) IN NILU COLLECTURS

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	0.0	0.0	0.0	0.0	0.0	0.0	14.1	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	18.5	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	0.5	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	6.0	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	4.1	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	1.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.2	2.9	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.4	0.0
9	7.6	1.9	8.6	21.3	3.3	11.5	4.0	3.1	6.9	0.0	3.2	21.4	1.3	5.3
10	1.5	0.0	1.1	12.2	0.0	1.9	3.3	1.0	2.2	0.0	0.0	6.5	0.0	2.5
11	9.4	5.7	14.4	21.4	8.1	0.0	0.0	0.0	2.0	5.5	1.1	9.2	6.4	3.8
12	1.5	10.5	0.0	0.0	3.3	0.0	0.1	2.3	1.9	9.5	1.5	1.9	3.2	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
14	2.4	0.0	0.0	0.0	0.9	0.0	0.4	0.5	0.0	0.0	0.0	1.4	1.3	0.0
15	0.0	0.0	0.0	0.8	0.0	0.4	13.4	0.0	0.0	0.0	0.0	3.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	63.3	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
18	4.1	4.8	0.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0
19	0.4	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
20	0.3	3.6	0.0	1.0	1.9	0.0	0.0	0.0	3.9	14.9	1.2	0.0	2.4	3.5
21	7.8	8.1	0.3	1.7	7.3	0.0	0.0	2.3	11.8	0.0	1.6	0.2	10.2	5.4
22	0.0	2.4	0.2	1.5	0.8	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.2
23	27.1	17.8	36.0	39.5	21.0	13.2	1.2	15.7	5.1	12.2	8.8	40.7	16.4	25.9
24	0.0	0.0	9.0	52.3	1.9	24.1	6.4	6.0	0.0	2.4	4.6	15.9	2.2	16.6
25	0.0	0.0	0.0	29.3	0.0	55.5	23.1	0.0	0.0	0.0	0.0	3.5	0.0	21.8
26	0.0	0.0	0.1	8.8	0.0	4.0	21.5	0.0	0.0	0.0	0.0	0.8	0.0	13.4
27	0.0	0.0	0.3	2.9	0.0	23.0	5.5	0.0	0.0	0.0	0.0	6.7	0.0	1.9
28	0.0	0.0	0.0	1.3	0.0	23.9	2.0	1.3	0.0	0.0	0.0	2.9	0.0	0.0
29	1.0	0.0	1.0	20.3	0.0	19.4	8.5	0.6	0.0	0.0	0.0	7.3	0.0	14.5

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 26	N 27
1	-	0.0	0.0	0.0	0.0	0.0	14.1	0.0	-	0.0	-	0.0	-	-
2	-	0.0	0.0	0.0	0.0	0.0	18.5	0.0	-	0.0	-	0.0	-	-
3	-	0.0	0.0	0.0	0.0	0.1	0.5	0.0	-	0.0	-	0.0	-	-
4	-	0.0	0.0	0.0	0.0	0.0	6.0	0.0	-	0.0	-	0.0	-	-
5	-	0.0	0.0	0.0	0.0	0.0	4.1	0.0	-	0.0	-	0.0	-	-
6	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-	0.0	-	0.0	-	-
7	-	1.8	0.0	0.0	0.1	0.0	0.0	0.0	-	0.0	-	0.0	-	-
8	-	3.2	0.0	0.7	0.3	0.1	0.0	0.0	-	0.0	-	1.2	-	-
9	-	1.9	9.8	19.7	3.0	11.0	4.0	3.4	-	0.0	-	22.0	-	-
10	-	0.0	1.4	11.5	0.0	2.0	3.3	1.0	-	0.0	-	7.0	-	-
11	-	6.0	14.4	19.8	7.8	0.2	0.0	0.0	-	5.5	-	10.0	-	-
12	-	10.5	0.0	0.0	3.2	0.0	0.1	2.8	-	8.5	-	2.5	-	-
13	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.2	-	0.0	-	-
14	-	0.0	0.0	0.0	0.7	0.0	0.4	0.6	-	0.0	-	2.0	-	-
15	-	0.0	0.3	0.9	0.0	0.8	13.4	0.0	-	0.0	-	3.0	-	-
16	-	0.0	0.0	0.0	0.0	0.0	63.3	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	-	5.2	0.2	0.0	1.3	0.0	0.0	0.0	-	0.0	-	0.0	-	-
19	-	0.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
20	-	3.8	0.0	1.0	1.7	0.0	0.0	0.0	-	13.9	-	0.0	-	-
21	-	8.0	0.4	2.0	7.4	0.0	0.0	2.5	-	0.0	-	0.1	-	-
22	-	2.9	0.3	1.9	0.7	0.0	0.0	2.0	-	0.0	-	0.0	-	-
23	-	17.6	36.0	39.5	20.6	13.5	1.2	15.4	-	11.5	-	42.0	-	-
24	-	0.0	9.0	52.3	2.0	24.0	6.4	6.8	-	2.9	-	17.4	-	-
25	-	0.0	0.5	29.3	0.0	55.9	23.1	0.0	-	0.0	-	3.5	-	-
26	-	0.0	0.1	8.4	0.0	4.8	21.5	0.0	-	0.0	-	1.4	-	-
27	-	0.0	0.3	3.0	0.0	23.4	5.5	0.0	-	0.0	-	6.7	-	-
28	-	0.0	0.0	1.5	0.0	24.2	2.0	1.4	-	0.0	-	3.6	-	-
29	-	0.0	1.5	20.3	0.0	19.1	8.5	0.8	-	0.0	-	9.0	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

FEBRUARY 76

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	-	-	-	-	-	-	0.02	-	-	-	-	-	0.08	-	-
2	-	-	-	-	-	-	0.09	-	-	-	-	-	0.27	-	-
3	-	-	-	-	-	-	0.24	-	-	-	-	-	0.21	-	-
4	-	-	-	-	-	-	0.33	-	-	-	-	-	0.37	-	-
5	-	-	-	-	-	-	0.28	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	0.68	-	-	2.20	-	-	-	-	-	-	-	-	-	-
8	-	0.25	-	0.22	0.32	-	-	-	-	-	-	-	-	0.31	-
9	0.28	0.17	2.28	0.13	0.11	0.17	0.02	0.07	0.19	-	3.95	0.22	0.05	0.07	0.05
10	0.33	-	3.40	0.15	-	1.13	0.38	0.24	0.34	-	-	0.22	-	-	0.12
11	0.28	0.20	0.95	0.04	0.18	-	-	-	0.19	0.08	2.77	0.23	-	-	0.04
12	0.14	0.20	-	-	0.07	-	-	0.10	0.07	0.02	0.77	0.22	0.04	0.05	-
13	-	-	-	-	-	-	-	-	-	0.09	-	-	-	-	-
14	0.19	-	-	-	0.22	-	0.06	0.02	-	-	-	0.22	-	-	-
15	-	-	-	0.18	-	0.24	0.07	-	-	-	-	0.70	-	-	-
16	-	-	-	-	-	-	0.05	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	0.02	0.10	-	-	0.19	-	-	-	-	-	-	-	-	0.06	-
19	-	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	0.13	-	-	0.10	-	-	-	0.09	0.04	0.49	-	-	0.10	0.06
21	0.04	0.13	0.38	0.20	0.05	-	-	0.11	0.02	-	1.07	1.20	-	0.05	0.02
22	-	0.31	1.29	0.11	0.36	-	-	0.02	-	-	-	-	0.05	-	0.02
23	0.19	0.12	0.44	0.03	0.09	0.05	0.09	0.02	0.15	0.01	0.85	0.06	-	0.08	0.01
24	-	-	-	0.20	0.15	1.40	0.14	0.02	-	-	0.49	0.86	0.43	0.04	0.05
25	-	-	-	0.05	-	0.18	0.34	-	-	-	-	1.70	0.18	-	0.07
26	-	-	26.50	1.15	-	3.31	0.18	-	-	-	-	2.60	-	-	0.37
27	-	-	4.80	0.32	-	0.04	0.35	-	-	-	-	0.63	1.90	-	0.08
28	-	-	-	0.35	-	0.04	0.64	0.11	-	-	-	0.40	0.06	-	-
29	0.61	-	10.80	2.81	-	0.07	0.03	0.11	-	-	-	4.10	-	-	0.12

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	-	-	-	-	-	-	0.1	-	-	-	-	-	4.8	-	-
2	-	-	-	-	-	-	0.6	-	-	-	-	-	3.0	-	-
3	-	-	-	-	-	-	4.7	-	-	-	-	-	3.8	-	-
4	-	-	-	-	-	-	0.8	-	-	-	-	-	5.2	-	-
5	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	4.9	-	-	26.6	-	-	-	-	-	-	-	-	-	-
8	-	7.7	-	9.1	23.9	-	-	-	-	-	-	-	-	10.3	-
9	7.7	4.0	3.6	2.1	5.9	1.1	0.1	2.4	8.8	-	5.4	1.8	5.7	12.8	1.5
10	2.8	-	10.6	0.7	-	1.8	0.4	2.8	4.2	-	-	0.6	-	-	0.3
11	5.7	4.4	4.0	1.0	3.8	-	-	-	2.3	3.3	7.4	0.6	28.5	-	0.7
12	3.3	4.4	-	-	3.3	-	-	2.8	3.0	2.8	12.5	0.6	13.4	2.3	-
13	-	-	-	-	-	-	-	-	-	6.9	-	-	-	-	-
14	7.1	-	-	-	10.3	-	2.3	1.3	-	-	-	0.0	-	-	-
15	-	-	-	10.4	-	7.9	1.1	-	-	-	-	11.6	-	-	-
16	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	21.1	13.9	-	-	17.6	-	-	-	-	-	-	-	-	8.4	-
19	-	10.3	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	12.2	-	26.2	15.5	-	-	-	9.1	6.5	19.7	-	-	14.8	9.2
21	7.0	8.7	16.5	13.5	5.4	-	-	9.7	5.2	-	14.6	46.1	-	4.7	4.0
22	-	21.6	63.3	17.0	41.2	-	-	1.3	-	-	-	-	16.8	-	6.7
23	7.3	7.7	6.6	3.2	6.0	1.7	5.1	1.2	5.8	2.2	6.8	3.2	-	9.4	1.9
24	-	-	-	0.8	3.3	0.5	4.4	0.7	-	-	7.2	1.4	2.3	1.3	1.7
25	-	-	-	0.5	-	0.0	2.0	-	-	-	-	1.0	0.8	-	0.8
26	-	-	19.7	0.8	-	0.0	2.2	-	-	-	-	4.9	-	-	1.0
27	-	-	11.7	6.1	-	0.2	2.6	-	-	-	-	5.3	2.9	-	2.2
28	-	-	-	38.3	-	0.4	2.6	0.8	-	-	-	11.3	1.8	-	-
29	11.8	-	-	3.6	-	1.2	2.3	0.8	-	-	-	4.1	-	-	2.1

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

FEBRUARY 76

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	-	-	-	-	-	-	5.10	-	-	-	-	-	4.20	-	-
2	-	-	-	-	-	-	4.70	-	-	-	-	-	4.25	-	-
3	-	-	-	-	-	-	4.65	-	-	-	-	-	4.10	-	-
4	-	-	-	-	-	-	4.70	-	-	-	-	-	4.20	-	-
5	-	-	-	-	-	-	4.55	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	4.15	-	-	3.80	-	-	-	-	-	-	-	-	-	-
8	-	3.85	-	5.10	3.75	-	-	-	-	-	-	-	-	3.55	-
9	3.90	4.10	4.15	4.40	4.10	5.15	4.95	4.45	4.40	-	4.00	4.50	4.10	3.35	5.60
10	4.60	-	4.40	4.80	-	6.50	4.95	6.30	4.75	-	-	4.60	-	-	6.40
11	3.95	4.00	4.10	4.40	3.90	-	-	-	4.20	4.10	5.25	4.60	3.40	-	4.35
12	4.10	4.00	-	-	4.15	-	-	4.10	4.10	4.10	6.40	4.60	3.80	4.25	-
13	-	-	-	-	-	-	-	-	-	4.00	-	-	-	-	-
14	3.85	-	-	-	3.60	-	4.50	4.45	-	-	-	4.60	-	-	-
15	-	-	-	3.70	-	4.75	5.00	-	-	-	-	3.70	-	-	-
16	-	-	-	-	-	-	5.25	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	3.60	3.70	-	-	3.50	-	-	-	-	-	-	-	-	3.80	-
19	-	3.85	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	3.55	-	3.10	3.35	-	-	-	3.80	4.00	3.60	-	-	3.50	4.30
21	3.80	3.95	3.55	3.40	3.95	-	-	3.80	3.85	-	3.90	3.20	-	4.00	4.30
22	-	3.65	3.15	3.50	3.30	-	-	4.45	-	-	-	-	3.60	-	5.40
23	4.05	4.05	4.05	4.25	4.00	4.70	4.00	4.45	4.05	4.30	4.00	4.30	-	3.85	4.70
24	-	-	4.80	5.00	4.75	4.90	4.90	4.95	-	4.60	4.25	4.70	4.70	4.40	4.90
25	-	-	-	4.90	-	5.30	5.30	-	-	-	-	5.60	5.85	-	6.40
26	-	-	5.50	5.15	-	5.50	5.30	-	-	-	-	6.00	-	-	6.30
27	-	-	4.30	3.95	-	5.10	5.10	-	-	-	-	4.10	4.90	-	6.00
28	-	-	-	2.80	-	5.40	5.50	5.70	-	-	-	3.50	4.70	-	-
29	3.80	-	4.65	4.30	-	5.00	5.10	5.70	-	-	-	4.35	-	-	4.40

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	-	-	-	-	-	-	7	-	-	-	-	-	63	-	-
2	-	-	-	-	-	-	19	-	-	-	-	-	56	-	-
3	-	-	-	-	-	-	22	-	-	-	-	-	80	-	-
4	-	-	-	-	-	-	20	-	-	-	-	-	63	-	-
5	-	-	-	-	-	-	34	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	71	-	-	160	-	-	-	-	-	-	-	-	-	-
8	-	140	-	-	180	-	-	-	-	-	-	-	-	280	-
9	136	80	71	45	80	-	2	35	40	-	100	38	80	445	10
10	25	-	40	7	-	-	10	-	18	-	-	25	-	-	10
11	125	100	80	43	125	-	-	-	63	80	-	25	400	-	63
12	80	100	-	-	71	-	-	80	80	80	-	25	160	61	-
13	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-
14	140	-	-	-	250	-	32	35	-	-	-	25	-	-	-
15	-	-	-	200	-	18	11	-	-	-	-	200	-	-	-
16	-	-	-	-	-	-	-2	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	250	200	-	-	315	-	-	-	-	-	-	-	-	160	-
19	-	140	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	280	-	795	445	-	-	-	160	100	250	-	-	366	50
21	150	112	280	400	112	-	-	160	140	-	125	630	-	114	50
22	-	225	705	315	500	-	-	35	-	-	-	-	250	-	-
23	111	89	89	64	100	24	100	35	89	50	114	51	-	181	20
24	-	-	20	7	18	19	-14	11	-	41	56	20	20	42	7
25	-	-	-	16	-	3	-9	-	-	-	-	-	-	-	-
26	-	-	-	11	-	7	-16	-	-	-	-	-	-	-	-8
27	-	-	50	120	-	-5	8	-	-	-	-	89	13	-	-
28	-	-	-	1600	-	6	-	-	-	-	-	334	20	-	-
29	160	-	22	46	-	9	2	-	-	-	-	45	-	-	40

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

FEBRUARY 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	5.31	-	-	-	-
8	-	0.31	2.15	-	-	-	-
9	1.20	0.32	0.61	0.50	1.01	-	0.34
10	-	0.16	-	0.59	0.08	-	0.06
11	1.50	0.28	1.08	-	0.79	-	0.59
12	-	-	0.59	0.96	0.96	0.40	-
13	-	-	-	-	-	-	-
14	-	-	2.03	-	-	-	-
15	-	1.81	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	1.30	-	1.81	-	-	0.94	-
19	-	-	-	-	-	-	-
20	-	-	4.75	-	1.49	2.80	1.13
21	1.43	6.33	1.01	1.38	1.27	0.78	0.86
22	-	2.60	-	0.50	-	-	1.58
23	1.34	0.57	1.18	0.41	1.04	1.16	0.31
24	-	0.03	0.32	0.11	-	0.28	0.11
25	-	0.03	-	-	-	-	0.03
26	-	0.03	-	-	-	-	0.03
27	-	1.07	-	-	-	-	0.03
28	-	14.00	-	0.24	-	-	-
29	-	1.05	-	0.24	-	-	0.54

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	5.84	-	-	-	-
8	-	-	3.11	-	-	-	-
9	0.12	0.04	0.76	0.54	1.08	-	0.75
10	-	0.17	-	1.27	0.04	-	0.94
11	0.16	0.05	0.81	-	0.05	-	0.36
12	-	-	0.41	0.63	0.16	0.33	-
13	-	-	-	-	-	-	-
14	-	-	1.56	-	-	-	-
15	-	1.49	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	2.35	-	2.10	-	-	1.00	-
19	-	-	-	-	-	-	-
20	-	-	2.80	-	1.21	2.55	3.42
21	0.74	3.11	0.75	1.21	0.64	0.60	1.10
22	-	1.71	-	0.14	-	-	4.45
23	2.05	0.57	1.51	0.14	0.28	1.80	0.31
24	-	0.07	0.40	0.04	-	0.16	0.04
25	-	0.04	-	-	-	-	0.66
26	-	0.12	-	-	-	-	0.69
27	-	1.12	-	-	-	-	0.04
28	-	3.73	-	0.37	-	-	-
29	-	0.57	-	0.37	-	-	0.26

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

FEBRUARY 76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	1.64	0.40
9	0.42	0.22	-
10	0.30	-	-
11	0.27	0.15	-
12	0.17	0.10	0.04
13	-	-	-
14	0.30	0.80	-
15	-	-	-
16	-	-	-
17	-	-	-
18	0.52	0.60	0.11
19	-	-	-
20	-	0.69	0.47
21	0.19	0.30	0.09
22	-	-	-
23	0.24	0.35	0.20
24	-	0.60	0.04
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	0.68	-	-

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	0	0	0	0	0	0	2	0	0	0	0	0	0	0
2	0	0	0	0	0	0	10	0	0	0	0	0	0	0
3	0	0	0	0	0	0	2	0	0	0	0	0	0	0
4	0	0	0	0	0	0	5	0	0	0	0	0	0	0
5	0	0	0	0	0	0	6	0	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0
7	0	7	0	0	3	0	0	0	0	0	0	0	0	0
8	-	23	0	4	14	0	0	0	0	0	0	-	15	0
9	59	8	31	45	20	13	0	7	60	0	17	38	17	8
10	4	0	11	9	0	4	1	3	9	0	0	4	0	1
11	53	25	58	21	31	0	0	0	5	18	8	5	-	3
12	5	46	0	0	11	0	-	6	6	27	19	1	7	0
13	0	0	0	0	0	0	0	0	0	8	0	0	0	0
14	17	0	0	0	9	0	1	1	0	0	0	0	-	0
15	0	0	0	9	0	4	14	0	0	0	0	35	0	0
16	0	0	0	0	0	0	12	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	87	66	-	0	24	0	0	0	0	0	0	0	15	0
19	-	8	0	0	0	0	0	0	0	0	0	0	0	0
20	-	44	0	25	30	0	0	0	35	97	23	0	35	32
21	55	71	5	22	40	0	0	22	61	0	23	7	48	22
22	0	51	12	25	33	0	0	2	0	0	0	0	0	1
23	196	137	237	128	125	22	6	18	30	27	60	129	155	50
24	0	0	-	41	6	13	28	4	0	-	33	22	3	28
25	0	0	0	15	0	0	46	0	0	0	0	3	0	16
26	0	0	3	7	0	0	47	0	0	0	0	4	0	14
27	0	0	4	17	0	5	14	0	0	0	0	35	0	4
28	0	0	0	49	0	9	5	1	0	0	0	32	0	0
29	11	0	-	73	0	23	20	1	0	0	0	30	0	31

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

FEBRUARY 76

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	0	0	0	0	0	0	99	0	0	0	0	0	0	0
2	0	0	0	0	0	0	352	0	0	0	0	0	0	0
3	0	0	0	0	0	0	11	0	0	0	0	0	0	0
4	0	0	0	0	0	0	120	0	0	0	0	0	0	0
5	0	0	0	0	0	0	139	0	0	0	0	0	0	0
6	0	0	0	0	0	0	-	0	0	0	0	0	0	0
7	0	108	0	0	20	0	0	0	0	0	0	0	0	0
8	-	410	0	-	103	0	0	0	0	0	0	-	401	0
9	1039	153	610	960	265	-	8	107	275	0	318	813	595	53
10	37	0	43	86	0	-	33	-	39	0	0	162	0	25
11	1170	573	1151	920	1015	0	0	0	128	443	-	231	-	241
12	122	1050	0	0	235	0	-	183	153	764	-	49	194	0
13	0	0	0	0	0	0	0	0	0	121	0	0	0	0
14	330	0	0	0	223	0	13	18	0	0	0	36	-	0
15	0	0	0	166	0	8	147	0	0	0	0	598	0	0
16	0	0	0	0	0	0	-127	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1035	955	-	0	421	0	0	0	0	0	0	0	280	0
19	-	107	0	0	0	0	0	0	0	0	0	0	0	0
20	-	1016	0	759	850	0	0	0	621	1490	294	0	874	175
21	1175	909	89	662	820	0	0	367	1649	0	199	100	1161	272
22	0	530	135	461	398	0	0	67	0	0	0	0	0	-
23	3003	1586	3201	2526	2101	318	120	550	453	608	1009	2078	2967	518
24	0	0	180	366	34	458	-90	66	0	99	257	318	94	116
25	0	0	0	469	0	167	-208	0	0	0	0	-	0	-
26	0	0	-	97	0	28	-344	0	0	0	0	-	0	-107
27	0	0	16	344	0	-115	44	0	0	0	0	595	0	-
28	0	0	0	2037	0	144	-	-	0	0	0	957	0	0
29	153	0	21	933	0	175	17	-	0	0	0	329	0	582

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	2.5	2.0	4.6	0.5	1.4
2	3.6	2.8	6.6	0.7	1.3
3	3.1	1.0	14.6	0.5	1.0
4	1.3	0.4	3.3	0.5	0.7
5	1.2	0.7	20.7	0.6	0.6
6	5.1	1.9	13.2	0.4	0.7
7	6.5	7.2	-	0.6	5.4
8	5.2	24.2	67.5	1.1	16.1
9	4.8	5.9	6.6	1.7	7.5
10	1.0	0.7	11.3	0.5	0.6
11	7.1	1.8	15.6	-	4.1
12	1.8	3.5	18.9	3.1	2.5
13	4.8	6.1	40.6	4.2	4.8
14	13.6	12.0	44.6	6.7	7.2
15	12.2	15.0	23.6	3.9	6.9
16	9.3	9.0	-	1.2	4.5
17	11.5	-	13.3	1.2	6.7
18	11.9	4.9	21.2	1.3	9.8
19	14.9	12.4	40.8	1.4	6.8
20	30.0	24.2	12.1	1.3	11.3
21	17.6	13.9	-	5.0	11.7
22	20.4	10.0	33.3	2.3	9.4
23	19.5	6.5	-	3.1	9.9
24	1.7	1.0	5.7	1.2	0.9
25	2.0	-	2.3	0.2	0.2
26	2.3	1.3	1.7	0.3	0.4
27	2.0	0.9	1.4	0.5	0.3
28	16.3	9.1	21.9	0.3	5.3
29	14.2	9.7	42.1	0.8	4.7

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - MARCH 1976

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	PA	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 22	VASSER	PA	59 04 N	10 26 E	35
11	N 20	GRIMELID	P	60 08 N	9 36 E	367
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

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MARCH

76

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 22	N 20	N 24	N 26	N 27
1	0.0	0.0	0.0	12.6	0.0	8.2	5.5	0.0	0.0	0.0	0.0	1.6	0.0	5.3
2	0.0	0.0	0.0	0.0	0.0	0.6	2.5	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	3.1	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	0.0	0.0	0.0	0.0	0.0
5	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
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	3.9	0.0	0.2	0.0	0.4	0.0	0.0	0.5	2.5	0.0	0.0	0.0	2.2	0.0
8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
12	4.1	0.3	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.7	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
14	0.3	0.9	0.0	0.0	0.3	0.0	0.1	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	0.5	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	0.8	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	3.8	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	1.4	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	1.5	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	0.0	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
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	6.7	5.2	5.1	4.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.1	3.6
25	2.6	4.5	4.9	6.9	2.5	0.0	0.1	1.6	1.4	0.8	3.2	10.9	2.9	5.5
26	0.0	0.0	0.0	5.4	0.0	15.2	0.3	0.0	2.1	0.0	0.0	7.6	0.0	4.8
27	0.3	0.0	2.7	47.9	0.0	39.7	8.8	0.2	1.7	0.3	0.0	18.5	0.0	25.2
28	0.0	0.0	0.8	14.4	0.0	54.6	6.5	0.0	0.0	0.0	0.0	4.5	0.0	10.6
29	4.6	0.0	3.6	16.3	1.1	20.2	1.0	0.0	0.0	0.0	0.0	4.7	0.0	20.1
30	0.0	0.0	0.3	14.6	0.0	10.2	0.0	0.0	0.0	0.0	0.0	4.5	0.0	13.6
31	12.7	-	8.9	15.2	8.0	0.0	2.9	0.0	6.0	3.2	6.3	4.0	5.6	14.8

OFFICIAL PRECIPITATION DATA (MM)

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 22	N 20	N 24	N 26	N 27
1	-	0.0	1.0	12.6	0.0	9.8	5.5	0.0	-	-	0.0	2.5	-	-
2	-	0.0	0.0	0.0	0.0	0.9	2.5	0.0	-	-	0.0	0.0	-	-
3	-	0.0	0.0	0.0	0.0	0.0	3.1	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	-	-
5	-	0.0	0.0	0.0	0.1	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	-	0.0	0.5	0.0	0.2	0.0	0.0	0.7	-	-	0.0	0.0	-	-
8	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.6	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	0.0	0.0	-	-	0.0	0.0	-	-
11	-	0.6	0.0	0.0	0.1	0.0	0.0	0.5	-	-	0.0	0.0	-	-
12	-	0.3	0.0	0.0	1.0	0.0	0.0	0.0	-	-	1.5	0.0	-	-
13	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	0.0	-	-
14	-	0.5	0.0	0.0	0.3	0.3	0.1	0.0	-	-	0.0	0.0	-	-
15	-	0.0	0.0	0.0	0.0	0.4	0.5	0.0	-	-	0.0	0.0	-	-
16	-	0.0	0.0	0.0	0.0	0.0	0.8	0.0	-	-	0.0	0.0	-	-
17	-	0.0	0.0	0.0	0.0	0.0	0.0	4.2	-	-	0.0	0.0	-	-
18	-	0.0	0.0	0.0	0.0	0.0	1.4	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	1.4	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	-	-
22	-	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	-	-
24	-	5.5	5.7	4.4	4.0	0.1	0.0	0.0	-	-	0.0	0.5	-	-
25	-	4.8	4.0	6.4	2.2	0.2	0.1	1.8	-	-	3.0	11.5	-	-
26	-	0.0	0.0	4.5	0.0	14.9	0.3	0.0	-	-	0.0	9.0	-	-
27	-	0.0	3.0	47.9	0.0	40.5	8.8	0.3	-	-	0.0	18.5	-	-
28	-	0.0	1.0	14.4	0.0	54.6	6.5	0.0	-	-	0.0	4.5	-	-
29	-	0.0	3.6	16.3	0.9	20.2	1.0	0.0	-	-	0.0	4.7	-	-
30	-	0.0	1.0	14.6	0.0	10.2	0.0	0.0	-	-	0.0	5.5	-	-
31	-	-	10.0	14.8	7.0	0.0	2.9	0.0	-	-	5.7	4.0	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MARCH 76

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 22	N 20	N 24	N 25	N 26	N 27
1	-	-	-	2.88	-	0.48	-	-	-	-	-	3.80	0.95	-	0.22
2	-	-	-	-	-	0.12	0.57	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	0.21	-	1.00	-	0.83	-	-	0.53	0.22	-	-	-	0.12	0.08	-
8	0.10	-	-	-	-	-	-	-	-	-	0.36	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	0.26	-	-	-	-	-	-	-	-	-	-	0.09	-	-
12	0.12	0.36	-	-	0.18	-	-	-	-	-	0.10	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	0.14	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	0.06	-	-
17	-	-	-	-	-	-	-	0.20	-	-	-	-	0.03	-	-
18	-	-	-	-	-	-	0.06	-	-	-	-	-	0.07	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	0.07	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	0.11	0.14	1.06	0.08	0.06	-	-	-	-	-	-	2.18	0.13	0.08	0.06
25	0.07	0.05	0.28	0.17	0.09	-	-	0.11	0.20	5.70	0.03	0.67	-	0.03	0.06
26	-	-	-	0.67	-	0.14	0.20	-	0.11	-	-	1.11	-	-	0.20
27	-	-	1.40	0.07	-	0.03	0.04	-	0.15	3.76	-	0.69	-	-	0.02
28	-	-	11.00	0.23	-	0.06	0.59	-	-	-	-	1.47	0.53	-	0.06
29	0.23	-	2.00	0.44	0.24	0.30	0.16	-	-	-	-	3.72	-	-	0.17
30	-	-	25.50	0.69	-	0.26	-	-	-	-	-	3.00	-	-	0.22
31	0.33	-	1.34	0.50	-	-	0.04	-	0.07	2.84	0.07	0.46	-	0.03	0.11

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 22	N 20	N 24	N 25	N 26	N 27
1	-	-	-	1.9	-	0.6	0.7	-	-	-	-	3.6	1.0	-	0.6
2	-	-	-	-	-	1.5	0.6	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	3.6	-	6.3	-	14.0	-	-	3.1	20.7	-	-	-	9.3	2.1	-
8	3.4	-	-	-	-	-	-	-	-	-	4.0	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	7.7	-	-	-	-	-	-	-	-	-	-	17.4	-	-
12	3.8	5.5	-	-	7.1	-	-	-	-	-	2.0	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	2.6	-	-	8.2	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	2.1	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	1.9	-	-	-	-	-	2.6	-	-
17	-	-	-	-	-	-	-	4.4	-	-	-	-	2.3	-	-
18	-	-	-	-	-	-	1.7	-	-	-	-	-	3.9	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	4.4	-	-	-	-	-	-	-	2.1	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	6.5	4.2	25.4	2.2	3.3	-	-	-	-	-	-	4.8	14.4	1.5	0.6
25	6.9	7.4	3.8	2.6	6.9	-	-	4.1	6.0	20.8	1.4	0.9	-	4.6	1.7
26	-	-	-	1.0	-	0.5	2.6	-	5.9	-	-	1.4	-	-	0.6
27	-	-	6.4	0.5	-	0.4	0.8	-	2.5	27.6	-	2.2	-	-	0.4
28	-	-	4.1	0.7	-	0.2	1.0	-	-	-	-	1.4	4.1	-	0.6
29	1.5	-	6.9	0.3	2.2	0.4	1.0	-	-	-	-	0.0	-	-	0.5
30	-	-	9.8	1.1	-	1.1	-	-	-	-	-	3.6	-	-	0.6
31	0.7	-	1.6	0.5	0.6	-	0.7	-	1.8	7.3	0.8	1.9	-	0.4	0.4

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MARCH 76

PH IN PRECIPITATION

DATE	N 01	N 05	N 06	N 08	N 10	N 14	N 15	N 16	N 18	N 22	N 20	N 24	N 25	N 26	N 27
1	-	-	-	5.10	-	5.60	5.30	-	-	-	-	4.30	5.00	-	5.35
2	-	-	-	-	-	6.50	5.60	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	5.90	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	4.30	-	4.80	-	4.60	-	-	5.40	3.75	-	-	-	3.90	4.35	-
8	4.20	-	-	-	-	-	-	-	-	-	5.00	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	4.10	-	-	-	-	-	-	-	-	-	-	3.70	-	-
12	4.05	4.45	-	-	4.05	-	-	-	-	-	4.40	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	4.20	-	-	4.70	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	5.10	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	5.25	-	-	-	-	-	4.70	-	-
17	-	-	-	-	-	-	-	6.00	-	-	-	-	4.45	-	-
18	-	-	-	-	-	-	4.75	-	-	-	-	-	4.35	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	4.15	-	-	-	-	-	-	-	5.80	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	4.15	4.50	4.15	4.40	4.30	-	-	-	-	-	-	4.60	3.85	4.45	5.90
25	3.95	4.05	4.10	4.30	4.00	-	-	4.40	4.35	5.40	4.45	4.80	-	4.10	4.90
26	-	-	-	4.65	-	5.80	4.60	-	4.40	-	-	4.90	-	-	5.05
27	-	-	4.60	5.15	-	5.90	5.00	-	5.00	4.90	-	4.60	-	-	5.25
28	-	-	4.70	4.90	-	5.60	5.00	-	-	-	-	5.40	7.40	-	5.70
29	5.60	-	4.85	5.15	4.75	6.20	5.00	-	-	-	-	5.90	-	-	5.25
30	-	-	5.00	4.80	-	6.70	-	-	-	-	-	4.65	-	-	5.15
31	4.90	-	4.90	5.10	5.15	-	5.10	-	5.05	4.90	5.30	4.90	-	5.25	6.25

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 22	N 20	N 24	N 25	N 26	N 27
1	-	-	-	0	-	-4	8	-	-	-	-	50	-	-	-6
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	57	-	16	-	25	-	-	-	180	-	-	-	125	40	-
8	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	-	80	-	-	-	-	-	-	-	-	-	-	200	-	-
12	90	35	-	-	89	-	-	-	-	-	40	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	63	-	-	20	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-
17	-	-	-	-	-	-	-	-101	-	-	-	-	35	-	-
18	-	-	-	-	-	-	18	-	-	-	-	-	45	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	71	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	76	35	71	42	50	-	-	-	-	-	-	25	140	35	-21
25	112	4	80	56	100	-	-	40	45	-	35	9	-	93	7
26	-	-	-	30	-	-17	25	-	40	-	-	9	-	-	0
27	-	-	25	-5	-	-10	5	-	-	13	-	27	-	-	-5
28	-	-	20	10	-	2	9	-	-	-	-	1	-	-	-13
29	-	-	14	-1	18	-65	-	-	-	-	-	-5	-	-	-4
30	-	-	-	17	-	-146	-	-	-	-	-	25	-	-	-1
31	13	-	20	-6	-	-	6	-	-3	27	-5	11	-	3	-56

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MARCH 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	0.08	-	-	-	-	0.03
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	0.69	-	-	1.24	4.97	0.44	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	0.81	-	1.45	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	0.75	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	1.11	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	0.61	0.45	0.52	-	-	0.35	0.32
25	1.15	0.45	1.19	1.11	1.18	0.77	0.43
26	-	0.20	-	-	1.11	-	0.03
27	-	0.06	-	-	0.26	-	0.05
28	-	0.09	-	-	-	-	0.06
29	0.09	0.03	-	-	-	-	0.03
30	-	0.03	-	-	-	-	0.03
31	0.08	0.05	-	-	0.25	0.05	0.03

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	0.19	-	-	-	-	0.04
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	0.34	-	-	0.12	6.54	0.26	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	0.53	-	0.97	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	1.37	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	0.72	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	0.98	0.36	0.51	-	-	0.25	0.54
25	1.45	0.44	1.45	1.33	1.56	0.78	0.38
26	-	0.29	-	-	1.40	-	0.04
27	-	0.08	-	-	0.33	-	0.04
28	-	0.10	-	-	-	-	0.05
29	0.09	0.04	-	-	-	-	0.04
30	-	0.05	-	-	-	-	0.04
31	0.09	0.04	-	-	0.43	0.04	0.71

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MARCH 76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 26
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	0.95	0.32
8	0.37	-
9	-	-
10	-	-
11	-	-
12	0.20	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	0.22	0.31
25	0.17	0.11
26	-	-
27	-	-
28	-	-
29	0.18	-
30	-	-
31	0.13	0.08

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 22	N 20	N 24	N 26	N 27
1	0	0	0	25	0	5	4	0	0	0	0	6	0	3
2	0	0	0	0	0	1	2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	2	0	0	0	0	0	0	0
4	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
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	14	0	1	0	5	0	0	2	53	0	0	0	5	0
8	3	0	0	0	0	0	0	0	0	0	4	0	-	0
9	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
11	0	3	0	0	-	0	0	-	0	0	0	0	0	0
12	16	2	0	0	8	0	0	0	0	0	4	0	0	0
13	0	0	0	0	-	0	0	0	0	0	0	0	0	0
14	-	2	0	0	3	0	-	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	2	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	16	0	0	0	0	0	0
18	0	0	0	0	0	0	2	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	6	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	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
24	44	22	129	11	17	0	0	0	0	0	0	5	8	2
25	18	33	18	18	17	0	-	7	8	17	5	9	13	9
26	0	0	0	5	0	7	1	0	12	0	0	11	0	3
27	-	0	17	22	0	15	7	-	4	7	0	40	0	10
28	0	0	3	10	0	10	7	0	0	0	0	6	0	7
29	7	0	25	5	2	9	1	0	0	0	0	0	0	11
30	0	0	3	16	0	11	0	0	0	0	0	16	0	8
31	8	-	14	7	5	0	2	0	11	23	5	8	2	5

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MARCH 76

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 22	N 20	N 24	N 26	N 27
1	0	0	0	0	0	-33	44	0	0	0	0	80	0	-32
2	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
4	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
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	225	0	3	0	10	0	0	-	458	0	0	0	88	0
8	64	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	0	0	0	0	0	0	0	0
11	0	36	0	0	-	0	0	-	0	0	0	0	0	0
12	372	11	0	0	102	0	0	0	0	0	69	0	0	0
13	0	0	0	0	-	0	0	0	0	0	0	0	0	0
14	-	56	0	0	6	0	-	0	0	0	0	0	0	0
15	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
17	0	0	0	0	0	0	0	-379	0	0	0	0	0	0
18	0	0	0	0	0	0	25	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	104	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	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
24	508	183	362	201	248	0	0	0	0	0	0	25	178	-76
25	292	18	392	385	255	0	-	64	63	-	113	98	272	39
26	0	0	0	162	0	-258	8	0	84	0	0	69	0	0
27	-	0	68	-239	0	-397	44	-	-	3	0	499	0	-126
28	0	0	15	144	0	109	59	0	0	0	0	4	0	-137
29	-	0	50	-16	19	-1312	-	0	0	0	0	-24	0	-80
30	0	0	-	248	0	-1487	0	0	0	0	0	112	0	-14
31	166	-	178	-91	-	0	17	0	-18	86	-31	44	17	-831

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	1.9	1.6	0.7	0.8	0.6
2	1.3	1.4	1.0	0.4	0.7
3	3.6	0.9	3.1	-	0.8
4	2.5	1.4	11.5	1.5	1.2
5	4.4	2.7	4.7	1.2	2.8
6	-	2.4	6.7	0.9	2.8
7	-	2.4	8.9	2.3	2.8
8	-	10.0	21.3	8.3	10.5
9	-	11.9	26.3	6.0	10.7
10	-	5.6	23.0	2.5	5.2
11	-	7.4	18.4	2.3	9.7
12	-	14.3	26.3	3.5	10.6
13	-	-	22.8	3.8	5.8
14	-	-	15.8	3.2	5.8
15	-	-	41.5	2.6	10.5
16	-	-	2.7	0.7	2.7
17	-	-	-	0.1	0.8
18	0.9	0.5	2.0	0.4	1.7
19	0.5	0.4	0.3	0.7	0.7
20	-	-	-	1.0	2.1
21	-	-	-	2.4	7.0
22	3.4	-	12.2	3.2	5.8
23	2.2	-	15.3	4.5	4.2
24	4.3	-	17.7	5.3	7.5
25	-	-	30.1	7.3	9.0
26	0.7	-	5.5	2.3	1.1
27	-	-	8.1	0.4	0.8
28	-	0.5	8.7	0.0	1.3
29	-	0.4	1.8	-	-
30	-	1.8	1.5	-	-
31	-	0.7	1.9	-	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - APRIL 1976

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	PA	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

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

APRIL

76

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 26	N 27
1	0.0	0.0	0.0	5.1	0.0	1.9	1.0	0.0	0.0	0.0	0.0	2.5	0.0	6.8
2	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
3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
4	12.1	7.1	12.7	13.9	8.9	0.0	0.0	0.0	7.9	0.7	4.9	18.1	8.3	5.3
5	4.6	0.4	11.0	30.0	2.9	15.6	0.0	0.0	3.5	2.6	0.9	11.5	1.7	15.7
6	0.0	0.0	1.8	12.2	0.0	6.3	0.3	1.9	1.5	0.0	0.0	1.7	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
8	0.2	0.3	1.3	2.4	1.3	8.0	1.4	0.0	0.0	0.0	0.3	19.5	0.6	0.0
9	0.0	0.0	2.8	2.3	0.0	20.8	2.6	0.0	2.9	0.0	0.0	3.1	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	7.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	1.5	0.0	0.0	7.0	0.0	0.0	0.0	0.0	19.7	0.0	0.2
12	0.0	0.0	1.1	0.0	0.0	0.0	0.9	0.9	0.0	1.1	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	2.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
14	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	3.6	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0
16	0.0	0.0	5.0	10.9	0.0	49.1	8.4	0.0	0.0	0.0	0.0	52.0	0.0	1.4
17	0.0	0.0	10.9	24.6	0.0	9.8	10.3	0.0	0.0	0.0	0.0	1.5	0.0	13.3
18	0.0	0.0	0.0	0.0	0.0	0.1	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.2	0.0	3.9	5.5	0.0	0.0	0.0	0.0	1.3	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.3	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.1	0.0	0.0	0.0	0.5	0.0	0.0	1.8	0.0	0.0	0.6	0.0
24	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
25	0.0	0.0	0.0	0.0	0.0	3.1	0.3	6.6	0.0	0.0	0.0	0.6	0.0	0.0
26	0.6	2.8	0.0	0.0	0.0	0.0	0.0	0.9	5.2	2.9	1.4	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	0.4	0.0	0.0	5.0	0.0	0.0	0.6	0.0	0.0	8.5	0.0	0.0
29	0.0	0.0	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 26	N 27
1	-	0.0	0.3	4.1	0.0	1.5	1.0	0.0	-	0.0	-	3.5	-	-
2	-	0.0	0.0	0.0	0.0	0.3	0.6	0.0	-	0.0	-	0.0	-	-
3	-	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	0.0	-	-
4	-	7.1	13.2	13.9	8.8	0.0	0.0	0.0	-	0.7	-	18.5	-	-
5	-	0.3	11.0	30.0	2.6	17.6	0.0	0.0	-	2.5	-	13.0	-	-
6	-	0.0	1.8	11.1	0.0	7.7	0.3	2.0	-	0.0	-	2.5	-	-
7	-	0.0	0.0	0.0	0.0	0.0	0.5	2.6	-	0.0	-	0.0	-	-
8	-	0.6	1.1	2.5	1.3	7.9	1.4	0.0	-	0.0	-	19.5	-	-
9	-	0.0	2.8	2.4	0.0	19.7	2.6	0.0	-	0.0	-	4.0	-	-
10	-	0.0	0.0	0.0	0.0	7.6	10.2	0.0	-	0.0	-	0.0	-	-
11	-	0.0	0.0	1.5	0.0	0.0	7.0	0.0	-	0.0	-	19.5	-	-
12	-	0.0	1.5	0.0	0.0	0.0	0.9	0.9	-	1.1	-	0.0	-	-
13	-	0.0	0.0	2.5	1.4	0.0	0.0	0.0	-	0.0	-	2.2	-	-
14	-	0.2	0.2	0.6	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
15	-	0.0	0.0	0.0	0.0	3.7	0.5	0.0	-	0.0	-	1.0	-	-
16	-	0.0	5.1	10.3	0.0	48.4	8.4	0.0	-	0.0	-	52.0	-	-
17	-	0.0	10.9	23.6	0.0	10.5	10.3	0.0	-	0.0	-	1.5	-	-
18	-	0.0	0.0	0.0	0.0	0.1	19.0	0.0	-	0.0	-	0.0	-	-
19	-	0.0	0.0	0.3	0.0	3.9	5.5	0.0	-	0.0	-	2.0	-	-
20	-	0.0	0.0	0.0	0.0	0.3	0.1	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	-	-
23	-	0.0	0.1	0.0	0.1	0.0	0.5	0.0	-	1.8	-	0.0	-	-
24	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-	0.0	-	0.0	-	-
25	-	0.0	0.0	0.0	0.0	3.5	0.3	7.0	-	0.0	-	1.0	-	-
26	-	3.1	0.1	0.0	0.0	0.0	0.0	1.0	-	2.4	-	0.0	-	-
27	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1	-	0.0	-	-
28	-	0.0	0.3	0.0	0.0	5.6	0.0	0.0	-	0.0	-	9.3	-	-
29	-	0.0	0.0	2.5	0.0	1.6	0.0	0.0	-	0.0	-	0.2	-	-
30	-	0.0	0.0	0.2	0.0	1.6	0.0	0.0	-	0.0	-	0.0	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

APRIL 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	0.05	-	-	-	-	0.03
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	0.67	0.17	0.44	-	0.53	0.45	0.25
5	0.08	0.03	0.03	-	0.29	0.24	0.03
6	-	0.03	-	0.38	0.11	-	-
7	-	-	-	0.47	-	-	-
8	-	0.11	-	-	-	-	-
9	-	0.11	-	-	0.17	-	-
10	-	-	-	-	-	-	-
11	-	1.56	-	-	-	-	1.12
12	-	-	-	1.56	-	-	-
13	-	2.37	3.39	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	0.25	-	-	-	-	-
17	-	0.03	-	-	-	-	0.03
18	-	-	-	-	-	-	-
19	-	0.23	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	0.12	-	-	-
26	0.42	-	-	1.56	0.72	-	-
27	-	-	-	-	-	-	-
28	-	-	-	-	0.26	-	-
29	-	0.20	-	-	-	-	-
30	-	-	-	-	-	-	-

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	0.31	-	-	-	-	0.05
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	0.74	0.12	0.37	-	0.77	0.40	0.15
5	0.10	0.07	0.17	-	0.47	0.15	0.04
6	-	0.05	-	0.30	0.25	-	-
7	-	-	-	0.44	-	-	-
8	-	0.09	-	-	-	-	-
9	-	0.27	-	-	0.22	-	-
10	-	-	-	-	-	-	-
11	-	1.57	-	-	-	-	0.04
12	-	-	-	2.80	-	-	-
13	-	3.03	3.11	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	0.23	-	-	-	-	-
17	-	0.12	-	-	-	-	0.04
18	-	-	-	-	-	-	-
19	-	1.39	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	0.29	-	-	-
26	1.56	-	-	2.80	1.74	-	-
27	-	-	-	-	-	-	-
28	-	-	-	-	0.44	-	-
29	-	0.52	-	-	-	-	-
30	-	-	-	-	-	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

APRIL 76

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	0	0	0	143	0	-	-	0	0	0	0	23	0	-34
2	0	0	0	0	0	0	-	0	0	0	0	0	0	0
3	0	8	0	0	0	0	0	0	0	-659	0	0	0	0
4	1016	707	713	333	499	0	0	0	442	-	405	581	625	74
5	60	-	209	30	-54	-624	0	0	-46	-10	-	-81	26	-94
6	0	0	-	-73	0	-1368	-	-	-	0	0	22	0	0
7	0	0	0	0	0	0	9	-17	0	0	0	0	0	0
8	-	-	134	14	-	-64	49	0	0	0	-	273	-	0
9	0	0	157	-	0	-166	34	0	26	0	0	28	0	0
10	0	0	0	0	0	-120	82	0	0	0	0	0	0	0
11	0	0	0	108	0	0	154	0	0	0	0	513	0	4
12	0	0	341	0	0	0	8	46	0	160	0	0	0	0
13	0	0	0	407	199	0	0	0	0	0	0	-	0	0
14	0	0	0	-	0	0	0	0	0	0	89	0	0	0
15	0	0	0	0	0	29	-	0	0	0	0	17	0	0
16	0	0	905	383	0	-3440	193	0	0	0	0	728	0	-
17	0	0	261	0	0	-59	0	0	0	0	0	-	0	-106
18	0	0	0	0	0	-	95	0	0	0	0	0	0	0
19	0	0	0	-	0	-27	-	0	0	0	0	25	0	0
20	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	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	-	0	-	0	-	0	0	181	0	0	-	0
24	0	0	0	0	0	0	-	0	0	0	0	0	0	0
25	0	0	0	0	0	-	-	-171	0	0	0	-	0	0
26	-	-	0	0	0	0	0	45	-	-3	-	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	-	0	0	-	0	0	-	0	0	171	0	0
29	0	0	0	-	0	-	0	0	0	0	0	1	0	0
30	0	0	0	-	0	-	0	0	0	0	0	0	0	0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	-	1.9	4.0	-	1.5
2	-	1.1	-	1.2	1.1
3	1.1	1.5	-	1.4	1.5
4	-	1.3	10.7	1.1	3.0
5	1.4	0.6	3.5	0.9	0.5
6	1.4	1.3	-	0.9	0.6
7	2.6	2.5	3.8	2.1	1.4
8	2.6	2.1	-	1.3	2.0
9	2.4	1.4	4.8	0.9	1.7
10	7.1	-	8.9	1.0	4.3
11	17.2	4.4	22.2	3.8	11.0
12	-	-	61.5	0.7	2.4
13	8.0	-	11.9	0.4	5.9
14	-	-	26.5	7.9	6.6
15	-	-	6.0	9.2	4.9
16	-	-	38.3	0.5	0.9
17	-	0.2	7.8	0.4	0.6
18	1.3	1.3	2.7	0.2	1.5
19	1.1	1.2	2.5	0.3	-
20	-	2.1	-	0.7	1.0
21	2.4	1.7	0.5	1.2	1.6
22	2.6	2.1	0.6	1.3	2.0
23	-	3.5	0.6	0.8	3.0
24	2.1	4.3	4.0	0.4	5.3
25	-	2.5	2.2	0.5	3.2
26	1.3	0.6	-	0.6	0.9
27	1.1	0.4	2.5	0.6	0.7
28	4.2	1.0	2.9	0.6	0.8
29	2.3	0.6	2.1	0.5	0.7
30	1.5	0.7	2.1	0.3	0.6

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - MAY 1976

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	PA	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 25	HUMMELFJELL	A	62 27 N	11 16 E	1539
13	N 24	FITJAR	P	59 55 N	5 19 E	20
14	N 26	TREUNGEN	PA	59 01 N	8 31 E	300
15	N 27	VATNEDALEN	P	59 28 N	7 22 E	800

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MAY

76

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 26	N 27
1	9.8	8.9	6.8	14.1	6.7	2.1	0.0	1.3	0.6	7.1	7.3	8.6	11.0	7.8
2	3.2	2.9	7.4	8.7	3.5	0.0	0.1	1.8	2.5	3.4	2.1	3.8	4.9	5.1
3	9.2	5.2	23.0	31.7	7.8	1.1	0.0	1.4	0.0	4.8	0.0	7.0	7.3	4.0
4	2.7	3.5	0.0	5.0	2.5	1.7	1.9	2.0	0.0	0.0	0.9	0.0	0.0	0.0
5	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
6	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.9	0.0	1.0	1.0	0.6	0.0	0.6	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	1.0	1.7	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	0.6	0.2	1.8	15.3	4.1	0.0	0.0	0.0	1.5	14.8	0.0	0.0
11	0.0	0.0	1.1	0.0	0.0	2.9	1.1	1.7	0.0	0.2	0.0	0.0	0.0	0.0
12	19.4	17.2	6.6	24.8	18.8	1.3	0.0	4.1	4.2	13.1	11.1	9.6	18.3	11.8
13	5.4	8.0	15.0	1.1	7.5	11.9	3.0	7.7	8.9	4.0	3.5	11.2	8.3	6.2
14	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
15	3.8	1.0	0.5	5.2	4.5	0.0	0.0	2.8	0.0	0.0	0.0	0.9	2.7	2.6
16	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.6	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
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
19	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
20	1.3	1.4	30.5	3.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
21	19.7	0.0	13.4	2.9	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	0.0	0.0	0.0	1.7	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	1.8	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	0.3	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0
26	8.0	31.5	0.5	5.7	28.3	0.0	0.0	0.0	11.3	22.6	9.5	2.2	16.4	9.8
27	7.5	9.5	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	8.3	0.0	2.4	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
29	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	2.4	0.0	0.6	0.0	0.0
30	2.1	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	1.5
31	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	0.0

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 26	N 27
1	-	8.8	7.3	14.1	6.5	2.2	0.0	1.5	-	7.0	-	9.5	-	-
2	-	3.2	7.9	8.3	3.6	0.0	0.1	2.0	-	3.5	-	5.2	-	-
3	-	5.2	23.3	31.7	7.6	1.2	0.0	1.5	-	5.0	-	8.0	-	-
4	-	3.4	0.0	5.0	2.5	1.6	1.9	2.2	-	0.0	-	0.0	-	-
5	-	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-	0.0	-	0.0	-	-
6	-	0.0	0.0	0.0	0.0	0.0	3.4	0.0	-	0.0	-	0.0	-	-
7	-	0.0	1.2	1.0	0.9	0.0	0.6	0.0	-	0.0	-	0.0	-	-
8	-	0.0	0.0	0.0	0.0	1.0	1.7	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	0.6	0.2	1.5	15.5	4.1	0.0	-	0.0	-	14.8	-	-
11	-	0.0	1.1	0.0	0.0	2.9	1.1	0.9	-	0.2	-	0.0	-	-
12	-	17.9	7.7	23.6	18.5	1.4	0.0	4.1	-	13.1	-	10.5	-	-
13	-	7.8	15.0	1.1	7.8	11.7	3.0	6.4	-	4.0	-	11.2	-	-
14	-	0.0	0.0	0.0	0.0	0.0	2.0	0.0	-	0.0	-	0.0	-	-
15	-	1.4	0.5	5.0	4.5	0.0	0.0	3.0	-	0.0	-	1.5	-	-
16	-	0.0	0.0	0.0	0.0	0.0	10.8	0.6	-	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	-	0.0	-	-
19	-	0.0	11.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
20	-	1.3	30.3	3.1	3.9	0.0	0.0	0.0	-	0.0	-	4.2	-	-
21	-	0.0	13.9	3.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
22	-	0.0	0.0	0.0	0.0	1.7	0.0	0.0	-	0.0	-	0.0	-	-
23	-	0.0	0.0	0.0	0.0	2.0	0.0	0.0	-	0.0	-	0.0	-	-
24	-	0.0	0.0	0.0	0.0	0.0	0.3	0.0	-	0.0	-	0.0	-	-
25	-	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-	0.0	-	0.0	-	-
26	-	30.4	0.8	5.5	28.0	0.0	0.0	0.0	-	21.4	-	2.2	-	-
27	-	9.0	0.0	0.0	4.5	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	-	-
29	-	0.0	0.0	0.1	0.3	0.0	0.0	0.0	-	2.3	-	0.9	-	-
30	-	0.0	4.5	0.0	0.0	0.0	0.0	0.0	-	0.0	-	3.1	-	-
31	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MAY

76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	1.03	0.50	0.76	0.46	0.75	0.39	0.32
2	0.44	0.15	0.32	0.57	0.59	0.20	0.18
3	0.89	0.10	0.59	0.46	-	0.62	0.55
4	1.20	0.19	1.70	0.44	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	1.16	2.26	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	2.54	-	-	-	-
11	-	-	-	3.39	-	-	-
12	0.87	0.36	0.44	1.12	1.45	0.45	0.25
13	0.28	-	0.27	0.48	0.41	0.22	0.09
14	-	-	-	-	-	-	-
15	4.52	1.70	2.26	0.74	-	1.90	1.13
16	-	-	-	0.74	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	3.39	1.47	1.13	-	-	-	-
21	0.63	0.22	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	0.43	0.20	0.20	-	0.26	0.18	0.41
27	0.16	-	0.07	-	-	0.11	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	0.03	-	-	-	-	-	0.31
31	-	-	-	-	-	-	-

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	1.45	0.62	0.99	0.55	1.11	0.37	0.05
2	1.25	0.30	0.69	1.01	0.97	0.59	0.04
3	1.20	0.10	0.63	0.55	-	0.77	0.12
4	1.35	0.41	1.56	0.95	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	1.68	3.73	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	3.11	-	-	-	-
11	-	-	-	4.20	-	-	-
12	0.88	0.37	0.56	0.94	1.68	0.51	0.09
13	0.17	-	0.34	0.65	0.37	0.18	0.04
14	-	-	-	-	-	-	-
15	4.05	1.79	2.18	1.56	-	2.80	0.84
16	-	-	-	1.56	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	2.18	1.57	1.46	-	-	-	-
21	1.26	0.34	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	0.40	0.18	0.77	-	1.56	0.22	0.47
27	0.16	-	0.21	-	-	0.07	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	0.06	-	-	-	-	-	0.68
31	-	-	-	-	-	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

MAY

76

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	1961	891	851	1357	749	27	0	64	20	-	1193	688	911	-
2	656	229	591	349	438	0	-	-	255	152	116	210	671	163
3	1542	726	1839	950	697	-	0	70	0	428	0	469	959	52
4	342	490	0	35	357	-	27	45	0	0	89	0	-	0
5	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
7	100	0	239	134	72	0	-	0	0	0	0	0	-	0
8	0	0	0	0	0	-	68	0	0	0	0	0	-	0
9	0	0	0	0	0	0	0	0	0	0	0	0	-	0
10	0	0	201	-	143	-153	328	0	0	0	214	2265	-	0
11	0	0	64	0	0	-	138	34	0	24	0	0	-	0
12	1767	1220	1324	1981	1187	-	0	289	420	392	936	673	1592	530
13	244	247	675	-	307	-536	336	385	401	152	137	325	397	68
14	0	0	0	0	0	0	126	0	0	0	0	0	0	0
15	601	79	150	736	446	0	0	178	0	0	0	-	317	209
16	0	0	0	0	0	0	270	40	0	0	0	0	-	0
17	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
19	0	0	1999	0	0	0	0	0	0	0	0	0	-	0
20	27	-	1708	331	-9	0	0	0	0	0	0	45	-	0
21	928	0	535	108	0	0	0	0	0	0	0	0	-	0
22	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
24	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
26	159	693	27	-80	-227	0	0	0	-1420	-1401	449	-	311	20
27	262	379	0	0	55	0	0	0	0	0	290	0	60	0
28	0	0	0	0	0	0	0	0	0	0	0	0	-	0
29	0	0	0	-	3	0	0	0	0	24	0	8	-	0
30	72	0	84	0	0	0	0	0	0	0	0	108	-	29
31	-	0	0	0	0	0	0	0	0	0	0	0	-	0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	5.2	2.0	-	-	-
2	-	-	-	-	-
3	-	1.0	-	2.0	4.0
4	5.4	0.5	7.0	3.6	4.4
5	0.8	1.1	1.7	0.4	1.0
6	3.0	2.7	2.7	0.6	2.4
7	-	2.0	5.4	1.0	2.3
8	-	7.2	9.0	7.2	5.5
9	23.6	12.8	15.8	14.8	20.9
10	16.2	15.1	12.9	14.8	16.4
11	1.9	1.5	-	1.3	1.4
12	5.0	3.3	9.1	1.5	4.6
13	2.2	0.7	4.7	0.9	1.6
14	3.8	1.0	6.5	1.9	2.0
15	3.3	4.2	8.7	2.2	3.7
16	1.8	1.9	8.7	2.2	1.8
17	3.1	4.2	9.5	1.5	2.5
18	3.4	3.7	-	1.6	-
19	7.6	7.6	10.6	5.6	6.0
20	4.6	-	8.1	2.7	3.6
21	3.9	4.1	6.2	2.7	3.6
22	-	3.2	3.2	2.2	2.8
23	5.2	7.2	6.7	2.1	4.4
24	4.7	3.6	5.9	2.3	3.3
25	7.0	5.5	16.3	2.0	4.3
26	3.1	1.7	-	2.1	1.5
27	2.2	1.7	-	2.8	1.8
28	3.0	2.6	-	1.7	2.7
29	-	-	-	2.3	1.7
30	-	-	-	0.2	2.4
31	-	-	-	-	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - JUNE 1976

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	PA	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 BACKGROUND STATIONS , FINAL DATA

JUNE

76

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 26	N 27
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	12.7	0.0	0.0	0.0	9.7
2	2.9	7.9	0.0	0.4	9.2	0.0	0.0	0.0	4.1	0.0	0.0	0.0	15.9	0.4
3	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
4	0.0	0.0	0.0	0.0	0.0	4.1	7.5	0.0	0.0	0.0	0.4	4.0	0.0	0.0
5	1.4	0.8	6.0	6.0	0.8	5.9	0.0	2.5	0.0	0.0	0.0	3.5	1.0	0.0
6	0.0	0.0	0.0	0.4	0.0	19.0	0.0	1.7	0.0	0.0	0.0	5.0	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	0.0	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	0.0	0.0	0.0	0.0	0.0
10	4.1	1.8	5.1	6.7	2.5	0.0	0.1	4.5	0.0	0.4	0.0	5.5	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	5.4	1.4	0.0	0.0
12	4.8	6.0	10.8	14.2	4.5	8.1	0.0	2.4	10.8	6.9	0.0	22.2	0.0	13.4
13	0.0	0.0	0.0	0.5	0.0	0.5	0.2	5.2	0.0	5.0	0.0	4.6	0.0	0.0
14	0.0	0.0	1.4	10.6	0.0	18.8	15.6	0.0	0.0	0.0	0.3	9.2	0.0	1.4
15	0.0	0.0	0.0	0.2	0.0	0.0	0.0	5.8	3.5	1.7	1.5	0.3	0.0	0.0
16	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
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
18	1.6	0.0	4.5	6.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	7.9
19	8.6	7.0	7.4	14.3	7.3	2.1	0.0	7.9	5.8	23.9	0.0	28.9	9.9	0.0
20	0.0	3.2	3.5	4.3	0.0	7.3	0.0	4.6	0.6	0.4	0.0	1.6	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	0.0	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	1.0	0.0	0.0	4.3	3.6	0.0	0.0	0.0	0.0	3.1	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	2.0	8.3	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	22.2	7.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	13.5	3.0	6.7	0.0	0.0	0.0	4.6	0.0	0.3
27	0.0	0.0	0.0	0.0	0.0	-	15.7	0.0	0.0	0.0	0.0	2.7	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	-	4.6	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	-	1.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	-	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 26	N 27
1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	12.3	-	0.0	-	-
2	-	8.1	0.0	0.3	9.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
3	-	0.0	0.0	0.0	5.4	0.0	0.0	0.0	-	0.0	-	0.0	-	-
4	-	0.0	0.0	0.0	0.0	4.9	7.5	0.0	-	0.0	-	4.0	-	-
5	-	0.9	6.6	5.7	0.7	5.9	0.0	2.5	-	0.0	-	3.5	-	-
6	-	0.0	0.0	0.7	0.0	19.0	0.0	2.0	-	0.0	-	6.0	-	-
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	0.0	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	-	-
10	-	2.0	6.2	6.7	2.4	0.0	0.1	4.8	-	0.3	-	5.5	-	-
11	-	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-	0.0	-	1.5	-	-
12	-	6.4	11.9	13.9	4.5	8.5	0.0	2.9	-	6.0	-	23.0	-	-
13	-	0.0	0.0	0.7	0.0	0.8	0.2	5.5	-	3.9	-	5.0	-	-
14	-	0.0	2.6	10.9	0.0	19.7	15.6	0.0	-	0.0	-	10.0	-	-
15	-	0.0	0.0	0.3	0.0	0.0	0.0	6.2	-	1.6	-	0.3	-	-
16	-	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-	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	4.5	6.7	0.3	0.0	0.0	0.0	-	0.0	-	5.5	-	-
19	-	6.6	7.4	14.5	7.2	2.3	0.0	7.8	-	23.4	-	29.5	-	-
20	-	3.4	4.7	4.3	0.0	7.3	0.0	5.0	-	0.4	-	1.5	-	-
21	-	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	-	-
23	-	0.0	1.2	0.0	0.0	3.7	3.6	0.0	-	0.0	-	3.5	-	-
24	-	0.0	0.0	0.0	0.0	2.0	8.3	0.0	-	0.0	-	0.0	-	-
25	-	0.0	0.0	0.0	0.0	22.5	7.6	0.5	-	0.0	-	0.0	-	-
26	-	0.0	0.0	0.0	0.0	13.7	3.0	7.0	-	0.0	-	4.5	-	-
27	-	0.0	0.0	0.0	0.0	-	15.7	0.0	-	0.0	-	3.0	-	-
28	-	0.0	0.0	0.0	0.0	-	4.6	0.0	-	0.0	-	0.0	-	-
29	-	0.0	0.0	0.0	0.0	-	1.4	0.0	-	0.0	-	0.5	-	-
30	-	0.0	0.0	0.0	0.0	-	2.7	0.0	-	0.0	-	0.0	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JUNE

76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	0.70	-	0.06
2	0.06	0.48	0.29	-	0.22	0.18	0.33
3	-	-	0.23	-	-	-	-
4	-	-	-	-	-	-	-
5	0.01	0.25	0.32	0.71	-	-	-
6	-	0.56	-	0.15	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	0.88	0.87	1.08	0.90	-	-	-
11	-	-	-	-	-	-	-
12	0.74	0.22	0.47	0.25	0.36	-	0.37
13	-	-	-	0.05	-	-	-
14	-	0.05	-	-	-	-	0.30
15	-	0.56	-	0.20	0.13	-	-
16	-	-	-	0.25	-	-	-
17	-	-	-	-	-	-	-
18	0.15	0.06	0.41	-	-	-	-
19	0.04	0.10	0.14	0.15	0.15	0.11	-
20	-	0.10	-	0.04	0.32	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	0.27	-	-	-
27	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	1.61	-	0.16
2	0.18	0.76	0.34	-	0.29	0.25	0.63
3	-	-	0.23	-	-	-	-
4	-	-	-	-	-	-	-
5	0.12	0.47	0.44	8.48	-	-	-
6	-	0.96	-	1.47	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	1.20	1.54	1.47	1.40	-	-	-
11	-	-	-	-	-	-	-
12	0.22	0.20	2.49	0.22	0.19	-	0.49
13	-	-	-	0.04	-	-	-
14	-	0.14	-	-	-	-	0.49
15	-	0.49	-	0.56	0.19	-	-
16	-	-	-	0.22	-	-	-
17	-	-	-	-	-	-	-
18	0.86	0.10	0.35	-	-	-	-
19	0.11	0.08	0.16	0.24	0.14	0.03	-
20	-	0.07	-	0.05	0.53	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	1.57	-	-	-
27	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JUNE

76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	0.13	0.16	0.08
3	-	0.15	-
4	-	-	-
5	0.21	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	1.30	1.49	-
11	-	-	-
12	0.42	0.42	-
13	-	-	-
14	-	-	-
15	-	-	-
16	-	-	-
17	-	-	-
18	0.45	-	-
19	0.16	0.19	0.04
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	-

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	0	0	0	0	0	0	0	0	5	5	0	0	0	18
2	4	27	0	2	32	0	0	0	11	0	0	0	37	2
3	0	0	0	0	15	0	0	0	0	0	0	0	-	0
4	0	0	0	0	0	2	4	0	0	0	-	14	0	0
5	2	1	59	16	2	2	0	16	0	0	0	14	-	0
6	0	0	0	3	0	18	0	2	0	0	0	19	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	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	39	14	95	85	30	0	-	32	0	4	0	16	0	0
11	0	0	0	0	0	0	-	0	0	0	57	4	0	0
12	35	26	62	37	22	8	0	5	39	9	0	58	0	66
13	0	0	0	-	0	2	-	3	0	6	0	13	0	0
14	0	0	10	10	0	15	14	0	0	0	9	14	0	3
15	0	0	0	1	0	0	0	10	7	1	32	-	0	0
16	0	0	0	0	0	0	0	1	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	5	0	13	6	-	0	0	0	0	0	0	6	0	12
19	31	23	34	16	18	2	0	25	25	31	0	24	23	0
20	0	8	9	5	0	4	0	4	3	-	0	5	0	0
21	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
23	0	0	4	0	0	18	6	0	0	0	0	23	0	0
24	0	0	0	0	0	-	8	0	0	0	0	0	0	0
25	0	0	0	0	0	111	4	5	0	0	0	0	0	0
26	0	0	0	0	0	82	1	32	0	0	0	33	0	6
27	0	0	0	0	0	-	3	0	0	0	0	11	0	0
28	0	0	0	0	0	-	1	0	0	0	0	0	0	0
29	0	0	0	0	0	-	-	0	0	0	0	3	0	0
30	0	0	0	0	0	-	1	0	0	0	0	0	0	0

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

JUNE

76

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	0	0	0	0	0	0	0	0	-	407	0	0	0	213
2	46	316	0	17	458	0	0	0	99	0	0	0	684	9
3	0	0	0	0	218	0	0	0	0	0	0	0	-	0
4	0	0	0	0	0	-21	60	0	0	0	-	225	0	0
5	36	-	1210	174	9	6	0	-	0	0	0	175	-	0
6	0	0	0	7	0	-19	0	-	0	0	0	275	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	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	579	70	1273	842	348	0	-	397	0	-	0	274	0	0
11	0	0	0	0	0	0	-	0	0	0	471	64	0	0
12	764	605	1732	894	397	139	0	63	314	179	0	1087	0	749
13	0	0	0	-	0	-	-	57	0	144	0	231	0	0
14	0	0	157	169	0	57	281	0	0	0	-	-102	0	18
15	0	0	0	-	0	0	0	-81	112	17	-	-	0	0
16	0	0	0	0	0	0	0	8	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	16	0	251	195	-	0	0	0	0	0	0	28	0	317
19	541	176	657	485	366	21	0	165	232	1197	0	289	444	0
20	0	52	196	134	0	81	0	14	22	-	0	-	0	0
21	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
23	0	0	301	0	0	-165	-115	0	0	0	0	312	0	0
24	0	0	0	0	0	-	100	0	0	0	0	0	0	0
25	0	0	0	0	0	1977	-	-	0	0	0	0	0	0
26	0	0	0	0	0	2159	-	67	0	0	0	733	0	80
27	0	0	0	0	0	-	94	0	0	0	0	67	0	0
28	0	0	0	0	0	-	-32	0	0	0	0	0	0	0
29	0	0	0	0	0	-	-	0	0	0	0	-	0	0
30	0	0	0	0	0	-	-	0	0	0	0	0	0	0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	3.8	2.8	7.2	1.0	3.3
2	2.7	3.4	3.2	1.2	1.9
3	2.5	2.2	-	0.9	1.6
4	-	3.8	-	0.7	1.0
5	1.6	1.8	-	0.3	1.5
6	4.4	2.0	0.7	0.3	1.9
7	0.7	0.7	1.1	0.4	1.1
8	0.7	1.2	-	0.5	0.6
9	1.8	1.8	3.0	5.2	1.2
10	3.4	2.8	7.7	4.9	2.3
11	1.6	2.1	5.8	0.4	1.3
12	3.9	1.9	10.3	1.1	1.8
13	1.3	1.4	2.0	0.8	1.3
14	2.3	1.1	7.3	0.3	1.1
15	0.8	0.9	1.7	1.0	1.4
16	2.1	1.9	4.1	2.2	2.2
17	1.8	2.0	4.2	1.7	2.3
18	2.3	2.0	6.7	1.3	2.6
19	1.6	0.6	4.4	1.6	1.1
20	-	1.3	3.7	0.4	1.5
21	1.7	2.3	3.1	0.8	1.9
22	1.8	1.7	4.4	0.5	1.4
23	4.9	6.2	10.9	1.3	5.8
24	-	22.1	31.4	5.8	23.8
25	12.8	22.8	20.7	3.5	12.9
26	24.6	17.6	36.5	2.3	14.9
27	2.8	1.6	3.7	0.6	1.5
28	-	1.3	1.5	1.4	1.8
29	4.2	2.3	3.2	0.8	3.3
30	1.0	1.5	1.0	0.4	1.2

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JULY

76

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 26	N 27
1	0.0	0.0	0.0	0.0	0.0	12.9	2.8	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	4.0	1.0	0.7	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	2.4	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	0.0	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
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0
7	0.0	0.0	0.0	3.4	2.2	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	36.2	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	10.6	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	6.4	1.0	0.0	0.0	2.7
10	5.1	10.1	0.0	0.0	0.6	4.1	0.0	13.2	0.0	0.4	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	41.1	0.0	3.2	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	0.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.0	0.0	1.9	11.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.6
15	0.0	0.0	0.0	0.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
16	16.0	14.0	7.3	40.7	4.1	6.5	4.1	5.2	4.1	2.2	4.7	6.4	2.6	23.7
17	0.0	0.0	0.0	0.0	0.0	0.0	14.0	3.3	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	0.0	0.0	0.0	0.0	0.0
19	4.8	3.9	9.2	13.6	4.3	1.6	0.2	3.5	5.5	5.4	4.1	12.7	2.3	3.0
20	0.0	0.0	0.0	0.0	0.0	7.1	4.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	1.3	1.5	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	1.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	2.3	1.3	3.7	0.0	0.0	0.0	1.3	0.0	2.5
24	0.0	0.0	0.0	4.6	0.0	0.0	4.5	4.7	0.0	0.0	0.0	0.0	0.0	5.5
25	0.0	0.0	0.0	0.0	0.0	1.2	3.4	1.3	0.0	0.0	0.0	0.3	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	10.1	4.0	0.9	1.3	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	2.9	0.0	34.0	15.7	6.2	0.0	0.0	0.0	13.4	0.0	1.7
28	0.0	0.0	0.0	0.0	0.0	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	1.0	6.8	0.0	3.5	0.1	0.0	0.0	3.7	0.0	11.5	0.0	0.9
30	33.7	7.8	0.2	0.0	15.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	3.7	6.2
31	0.0	0.0	0.0	3.6	0.9	4.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	1.7

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 26	N 27
1	-	0.0	0.0	0.0	0.0	12.9	2.8	0.0	-	0.0	-	0.0	-	-
2	-	0.0	0.0	0.0	0.0	4.0	1.0	0.7	-	0.0	-	0.0	-	-
3	-	0.0	0.0	0.0	0.0	0.0	2.4	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	-	-
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	-	0.0	0.0	3.0	2.4	0.0	0.0	0.0	-	0.0	-	0.0	-	-
8	-	0.0	0.0	36.4	0.0	0.0	0.0	1.8	-	0.0	-	0.0	-	-
9	-	0.0	0.0	0.0	0.0	0.0	0.0	1.6	-	6.0	-	0.0	-	-
10	-	10.0	0.0	0.0	0.3	4.1	0.0	14.0	-	0.8	-	0.0	-	-
11	-	0.0	0.0	0.0	0.0	0.0	0.0	7.3	-	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	0.1	1.1	0.0	0.0	-	0.0	-	0.0	-	-
14	-	0.0	2.2	11.4	0.0	1.0	0.0	0.0	-	0.0	-	3.0	-	-
15	-	0.0	0.0	0.3	0.0	1.0	0.0	0.0	-	0.0	-	13.0	-	-
16	-	13.7	7.5	40.7	4.0	7.2	4.1	5.3	-	2.1	-	7.0	-	-
17	-	0.0	0.0	0.0	0.0	0.0	14.0	3.5	-	0.0	-	0.0	-	-
18	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
19	-	3.5	9.5	13.5	4.7	2.0	0.2	3.8	-	4.5	-	13.4	-	-
20	-	0.0	0.0	0.0	0.0	8.0	4.0	0.0	-	0.0	-	0.5	-	-
21	-	0.0	0.0	0.0	0.0	1.4	1.5	0.0	-	0.0	-	0.0	-	-
22	-	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-	0.0	-	0.1	-	-
23	-	0.0	0.0	0.0	0.0	2.6	1.3	4.0	-	0.0	-	2.0	-	-
24	-	0.0	0.0	4.9	0.0	0.0	4.5	4.9	-	0.0	-	0.0	-	-
25	-	0.0	0.0	0.0	0.0	1.4	3.4	1.5	-	0.0	-	0.5	-	-
26	-	0.0	0.0	0.0	0.0	11.3	4.0	1.0	-	0.0	-	0.0	-	-
27	-	0.0	0.0	3.5	0.0	34.0	15.7	6.5	-	0.0	-	14.3	-	-
28	-	0.0	0.0	0.0	0.0	2.8	0.5	0.0	-	0.0	-	0.0	-	-
29	-	0.0	1.1	7.0	0.0	3.5	0.1	0.0	-	3.1	-	12.0	-	-
30	-	7.2	0.2	0.0	15.0	0.2	0.3	0.0	-	0.0	-	0.0	-	-
31	-	0.0	0.0	3.7	0.8	4.4	2.5	0.0	-	0.0	-	0.0	-	-

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - JULY 1976

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	PA	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

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JULY 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-
2	-	-	-	0.33	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	0.57	0.48	-	-	-	-
8	-	0.22	-	0.05	-	0.20	-
9	-	-	-	0.00	-	-	0.48
10	0.03	-	-	0.16	-	-	-
11	-	-	-	0.10	0.16	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	0.01	0.49	-	-	-	-	-
15	-	-	-	-	-	-	-
16	0.54	0.22	0.72	0.62	0.89	0.39	0.22
17	-	-	-	0.20	-	-	-
18	-	-	-	-	-	-	-
19	0.40	0.25	0.44	0.29	0.22	0.41	0.45
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	0.43	-	-	0.51
24	-	0.15	-	0.25	-	-	0.17
25	-	-	-	0.28	-	-	-
26	-	-	-	0.16	0.49	-	-
27	-	0.16	-	0.06	-	-	0.25
28	-	-	-	-	-	-	-
29	-	0.03	-	-	-	-	0.09
30	0.05	-	0.05	-	-	0.01	0.04
31	-	0.03	0.12	-	-	-	0.06

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-
2	-	-	-	6.88	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	0.99	0.49	-	-	-	-
8	-	0.80	-	0.91	-	0.28	-
9	-	-	-	0.41	-	-	1.74
10	0.03	-	-	0.18	-	-	-
11	-	-	-	0.10	0.08	-	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	0.01	1.83	-	-	-	-	-
15	-	-	-	-	-	-	-
16	1.00	0.37	2.80	1.39	1.00	3.10	0.38
17	-	-	-	0.23	-	-	-
18	-	-	-	-	-	-	-
19	0.22	0.28	0.90	0.34	0.04	1.60	0.60
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	0.43	-	-	0.11
24	-	0.06	-	0.41	-	-	0.16
25	-	-	-	1.79	-	-	-
26	-	-	-	0.20	1.29	-	-
27	-	0.12	-	0.05	-	-	0.30
28	-	-	-	-	-	-	-
29	-	0.04	-	-	-	-	0.11
30	0.14	-	0.09	-	-	0.02	0.04
31	-	0.06	0.45	-	-	-	0.04

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JULY

76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	0.79	-
8	-	-	0.12
9	-	-	-
10	0.48	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	1.22	-	-
15	-	-	-
16	0.29	0.35	0.30
17	-	-	-
18	-	-	-
19	0.25	0.18	0.09
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	0.09	0.08	0.13
31	-	-	-

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	0	0	0	0	0	43	1	0	0	0	0	0	0	0
2	0	0	0	0	0	21	-	-	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0
4	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
6	0	0	0	0	0	0	0	0	0	0	37	0	0	0
7	0	0	0	25	15	0	0	0	0	0	0	0	0	0
8	0	0	0	172	0	0	0	5	0	0	0	0	39	0
9	0	0	0	0	0	0	0	0	0	10	8	0	0	30
10	10	10	0	0	3	14	0	35	0	-	0	0	0	0
11	0	0	0	0	0	0	0	5	81	0	15	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	2	4	0	0	0	0	0	0	0	0
14	1	0	15	50	0	4	0	0	0	0	0	20	0	-
15	0	0	0	1	0	-	0	0	0	0	0	43	0	0
16	69	53	28	78	22	22	11	19	23	9	7	34	15	49
17	0	0	0	0	0	0	0	5	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	20	12	35	29	25	8	-	5	13	15	16	33	12	13
20	0	0	0	0	0	4	9	0	0	0	0	2	0	0
21	0	0	0	0	0	1	3	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	0	0	0	0	2	0	0
23	0	0	0	0	0	2	1	9	0	0	0	3	0	2
24	0	0	0	4	0	0	3	9	0	0	0	0	0	7
25	0	0	0	0	0	2	2	21	0	0	0	-	0	0
26	0	0	0	0	0	8	1	3	5	0	0	0	0	0
27	0	0	0	4	0	36	2	3	0	0	0	23	0	4
28	0	0	0	0	0	1	0	0	0	0	0	0	0	0
29	0	0	7	2	0	1	-	0	0	1	0	8	0	0
30	29	16	-	0	8	0	0	0	0	0	0	0	1	1
31	0	0	0	1	1	0	1	0	0	0	0	0	0	1

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

JULY

76

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	0	0	0	0	0	2893	28	0	0	0	0	0	0	0
2	0	0	0	0	0	1604	-	-	0	0	0	0	0	0
3	0	0	0	0	0	0	19	0	0	0	0	0	0	0
4	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
6	0	0	0	0	0	0	0	0	0	0	67	0	0	0
7	0	0	0	275	89	0	0	0	0	0	0	0	0	0
8	0	0	0	1808	0	0	0	-	0	0	0	0	476	0
9	0	0	0	0	0	0	0	-	0	256	-	0	0	137
10	66	51	0	0	-	228	0	291	0	-	0	0	0	0
11	0	0	0	0	0	0	0	92	-41	0	48	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
14	-	0	153-1089	0	36	0	0	0	0	0	0	-311	0	-
15	0	0	0	6	0	-	0	0	0	0	0	584	0	0
16	1187	490	329	1220	-762	156	164	83	211	100	-	560	-	594
17	0	0	0	0	0	0	266	70	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	425	175	582	395	212	51	-	84	127	218	147	509	21	135
20	0	0	0	0	0	14	156	0	0	0	0	26	0	0
21	0	0	0	0	0	-	12	0	0	0	0	0	0	0
22	0	0	0	0	0	0	11	0	0	0	0	27	0	0
23	0	0	0	0	0	-	-	59	0	0	0	53	0	81
24	0	0	0	41	0	0	63	85	0	0	0	0	0	154
25	0	0	0	0	0	-	-	-	0	0	0	-	0	0
26	0	0	0	0	0	50	8	-	-	0	0	0	0	0
27	0	0	0	61	0-1292	0	62	0	0	0	0	174	0	38
28	0	0	0	0	0	-	-	0	0	0	0	0	0	0
29	0	0	-	-14	0	-18	-	0	0	-	0	115	0	-
30	-202	274	-	0	-	0	-	0	0	0	0	0	-	37
31	0	0	0	0	-	-4	-	0	0	0	0	0	0	-

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	1.9	2.7	3.0	2.1	4.5
2	11.8	5.3	12.0	3.1	14.8
3	19.7	21.6	14.1	0.5	15.0
4	4.0	6.2	15.1	0.7	4.3
5	3.0	6.1	3.4	1.3	5.6
6	4.1	6.8	3.5	-	-
7	9.4	5.7	9.5	12.6	8.7
8	5.5	6.3	2.2	4.9	6.0
9	2.9	3.8	1.5	3.2	1.7
10	6.5	7.7	3.6	7.6	2.5
11	3.2	1.8	-	3.1	2.4
12	2.9	3.4	5.5	2.3	-
13	3.9	7.9	4.6	1.0	2.6
14	8.2	5.9	6.3	1.7	6.9
15	6.5	3.1	9.1	2.1	6.6
16	9.4	0.6	19.6	6.1	8.2
17	-	0.4	6.7	1.1	2.9
18	1.4	2.1	3.5	0.9	1.6
19	4.1	2.7	5.2	2.5	-
20	1.1	2.5	1.0	-	0.5
21	1.0	0.9	0.7	-	0.6
22	0.8	0.8	1.0	1.0	0.9
23	1.3	1.0	1.8	1.2	1.1
24	1.3	1.1	2.4	1.1	1.0
25	1.5	0.9	1.8	1.0	1.1
26	-	1.3	1.9	0.5	1.0
27	1.2	1.2	1.1	0.3	1.8
28	0.9	0.9	0.4	0.4	1.0
29	1.0	0.8	0.7	-	0.4
30	0.8	0.5	1.4	0.4	0.7
31	-	-	0.8	0.3	0.6

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - AUGUST 1976

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	PA	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

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

AUGUST 76

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 26	N 27
1	0.0	0.0	1.2	1.3	0.0	7.8	4.5	0.0	0.0	0.0	0.0	2.7	-	0.0
2	0.0	1.5	0.9	0.3	0.4	20.4	8.0	20.4	13.7	0.0	0.0	6.2	0.0	0.0
3	0.0	3.4	0.0	0.0	0.0	0.0	0.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.1	0.0	2.0	0.0	0.3	0.0	0.0	0.0	2.4	0.0	0.2
5	0.0	0.0	0.3	0.0	0.0	0.0	1.6	1.7	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	1.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
7	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
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	0.0	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	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.5	0.0	0.0	3.6	0.0	0.0	0.0	0.8	0.0	0.0	0.0
13	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
14	0.0	0.0	0.0	0.0	0.0	0.0	3.7	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	3.0	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
17	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.0	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	12.0	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	3.7	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	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
24	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
25	0.0	0.0	0.0	0.0	0.0	3.1	5.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0
26	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
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	0.0	0.0	0.0
29	0.0	0.0	0.0	1.7	0.0	7.5	0.5	0.0	0.0	0.0	0.0	1.6	0.0	2.2
30	1.1	2.5	0.0	0.0	0.3	12.9	13.5	3.0	0.0	0.0	3.0	0.3	3.2	0.0
31	0.0	0.0	0.9	5.7	0.2	14.9	13.5	1.1	0.0	0.0	0.0	13.9	0.0	0.8

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 26	N 27
1	-	0.0	1.4	1.6	0.8	8.0	4.5	0.0	-	0.0	-	3.5	-	-
2	-	1.3	1.0	0.4	0.2	21.0	8.0	20.6	-	0.0	-	6.2	-	-
3	-	3.5	0.0	0.0	0.0	0.0	0.1	8.7	-	0.0	-	0.0	-	-
4	-	0.0	0.0	0.2	0.0	2.1	0.0	0.5	-	0.0	-	3.0	-	-
5	-	0.0	0.5	0.0	0.0	0.0	1.6	2.0	-	0.0	-	0.0	-	-
6	-	0.0	0.0	0.0	0.0	0.0	1.0	0.0	-	0.0	-	1.5	-	-
7	-	0.0	0.0	0.0	0.0	0.0	0.4	0.0	-	0.0	-	0.0	-	-
8	-	0.0	0.0	0.0	0.0	0.2	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	0.1	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	-	-
12	-	0.0	0.0	0.8	0.0	0.1	3.6	0.0	-	0.0	-	0.0	-	-
13	-	0.0	0.0	0.0	0.0	2.1	0.0	0.0	-	0.0	-	0.0	-	-
14	-	0.0	0.0	0.0	0.0	0.0	3.7	0.0	-	0.0	-	0.0	-	-
15	-	0.0	0.0	0.0	0.0	0.1	0.0	3.1	-	0.0	-	0.0	-	-
16	-	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-	0.0	-	0.0	-	-
17	-	0.0	0.0	0.0	0.0	0.0	1.1	1.9	-	0.0	-	0.0	-	-
18	-	0.0	0.0	0.0	0.0	0.1	12.0	0.0	-	0.0	-	0.0	-	-
19	-	0.0	0.0	0.0	0.0	0.0	3.7	0.0	-	0.0	-	0.0	-	-
20	-	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-	0.0	-	0.0	-	-
21	-	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	0.1	0.0	0.0	-	0.0	-	0.0	-	-
23	-	0.0	0.0	0.0	0.0	0.0	1.5	0.0	-	0.0	-	0.0	-	-
24	-	0.0	0.0	0.0	0.0	0.1	0.8	0.0	-	0.0	-	0.0	-	-
25	-	0.0	0.0	0.0	0.0	3.3	5.5	0.0	-	0.0	-	0.0	-	-
26	-	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	-	0.0	-	-
29	-	0.0	0.0	2.0	0.0	7.8	0.5	0.0	-	0.0	-	1.7	-	-
30	-	2.4	0.0	0.0	0.1	13.7	13.5	3.0	-	0.0	-	1.0	-	-
31	-	0.0	1.0	5.8	0.1	15.8	13.5	1.0	-	0.0	-	14.5	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

AUGUST 76

MAGNESIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 14	N 15	N 16	N 18	N 22	N 24	N 26	N 27
1	-	-	2.46	0.64	0.04	0.07	-	-	-	0.73	-	-
2	-	0.71	0.81	-	0.01	0.02	0.01	0.04	-	0.55	-	-
3	-	0.14	-	-	-	-	0.02	-	-	-	-	-
4	-	-	-	-	0.01	-	0.05	-	-	0.35	-	-
5	-	-	-	-	-	0.11	0.02	-	-	-	-	-
6	-	-	-	-	-	0.06	-	-	-	0.36	-	-
7	-	-	-	-	-	0.07	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	0.06	-	-	-	-	-	-
13	-	-	-	-	0.09	-	-	-	-	-	-	-
14	-	-	-	-	-	0.03	-	-	-	-	-	-
15	-	-	-	-	-	-	0.19	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	0.07	0.14	-	-	-	-	-
18	-	-	-	-	-	0.01	-	-	-	-	-	-
19	-	-	-	-	-	0.04	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	0.22	-	-	-	-	-	-
24	-	-	-	-	-	0.12	-	-	-	-	-	-
25	-	-	-	-	0.30	0.03	-	-	1.65	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	0.08	0.08	0.15	-	-	-	0.55	-	2.07
30	0.11	0.13	-	-	0.04	0.05	0.30	-	1.20	-	0.07	-
31	-	-	3.40	0.14	0.04	0.07	-	-	-	0.40	-	-

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

DATE	N 01	N 05	N 06	N 08	N 14	N 15	N 16	N 18	N 22	N 24	N 26	N 27
1	-	-	1.6	3.2	0.1	0.2	-	-	-	0.6	-	-
2	-	2.1	0.4	-	0.1	0.1	2.4	0.5	-	0.7	-	-
3	-	0.6	-	-	-	-	0.1	-	-	-	-	-
4	-	-	-	-	0.1	-	-	-	-	0.5	-	-
5	-	-	4.5	-	-	1.6	0.7	-	-	-	-	-
6	-	-	-	-	-	0.6	-	-	-	0.6	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	6.1	-	2.6	-	-	-	-	-	-
13	-	-	-	-	2.7	-	-	-	-	-	-	-
14	-	-	-	-	-	1.7	-	-	-	-	-	-
15	-	-	-	-	-	-	1.0	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	0.8	2.0	-	-	-	-	-
18	-	-	-	-	-	0.3	-	-	-	-	-	-
19	-	-	-	-	-	0.4	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	5.2	-	-	-	-	-	-
24	-	-	-	-	-	1.8	-	-	-	-	-	-
25	-	-	-	-	14.4	0.8	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	8.8	11.2	8.7	-	-	-	18.8	-	24.8
30	8.8	8.4	-	-	2.3	1.5	12.0	-	12.5	-	11.1	-
31	-	-	13.0	6.3	1.1	0.2	2.8	-	-	2.3	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

AUGUST 76

PH IN PRECIPITATION

DATE	N 01	N 05	N 06	N 08	N 14	N 15	N 16	N 18	N 22	N 24	N 26	N 27
1	-	-	5.20	6.50	5.40	5.45	-	-	-	5.40	-	-
2	-	7.10	5.30	-	5.50	5.20	5.80	4.45	-	5.20	-	-
3	-	7.05	-	-	-	-	5.55	-	-	-	-	-
4	-	-	-	-	5.40	-	5.00	-	-	5.50	-	-
5	-	-	5.60	-	-	4.80	5.30	-	-	-	-	-
6	-	-	-	-	-	5.40	-	-	-	5.25	-	-
7	-	-	-	-	-	5.30	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	4.75	-	4.25	-	-	-	-	-	-
13	-	-	-	-	4.60	-	-	-	-	-	-	-
14	-	-	-	-	-	4.60	-	-	-	-	-	-
15	-	-	-	-	-	-	6.10	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	5.30	5.35	-	-	-	-	-
18	-	-	-	-	-	5.00	-	-	-	-	-	-
19	-	-	-	-	-	4.85	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	4.40	-	-	-	-	-	-
24	-	-	-	-	-	5.50	-	-	-	-	-	-
25	-	-	-	-	3.60	4.60	-	-	7.05	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	3.95	3.75	4.10	-	-	-	4.40	-	7.50
30	4.15	4.70	-	-	4.50	4.55	4.40	-	5.65	5.15	4.00	-
31	-	-	3.85	4.40	5.45	5.20	5.00	-	-	4.90	-	-

STRONG ACID IN PRECIPITATION (MICROEQUIVALENTS PER LITER)

DATE	N 01	N 05	N 06	N 08	N 14	N 15	N 16	N 18	N 22	N 24	N 26
1	-	-	-	-	-3	-3	-	-	-	-	-
2	-	-	-	-	-	-9	-10	35	-	-	-
3	-	-	-	-	-	-	-3	-	-	-	-
4	-	-	-	-	-3	-	10	-	-	-	-
5	-	-	-	-	-	16	-	-	-	-	-
6	-	-	-	-	-	2	-	-	-	-	-
7	-	-	-	-	-	4	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	18	-	56	-	-	-	-	-
13	-	-	-	-	25	-	-	-	-	-	-
14	-	-	-	-	-	25	-	-	-	-	-
15	-	-	-	-	-	-	-59	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	5	-	-	-	-	-
19	-	-	-	-	-	4	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	40	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	250	19	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	112	180	80	-	-	-	40	-
30	71	20	-	-	45	35	40	-	-33	-	100
31	-	-	140	61	3	-3	10	-	-	16	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

AUGUST 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 08	N 16	N 18	N 26	N 27
1	0.03	-	-	-	-
2	-	0.05	0.03	-	-
3	-	0.03	-	-	-
4	-	-	-	-	-
5	-	0.03	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	0.68	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	0.19	-	-	-
16	-	-	-	-	-
17	-	0.16	-	-	-
18	-	-	-	-	-
19	-	-	-	-	-
20	-	-	-	-	-
21	-	-	-	-	-
22	-	-	-	-	-
23	-	-	-	-	-
24	-	-	-	-	-
25	-	-	-	-	-
26	-	-	-	-	-
27	-	-	-	-	-
28	-	-	-	-	-
29	1.13	-	-	-	1.65
30	-	1.12	-	1.22	-
31	0.87	0.19	-	-	-

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 08	N 16	N 18	N 26	N 27
1	1.95	-	-	-	-
2	-	0.09	0.04	-	-
3	-	0.06	-	-	-
4	-	-	-	-	-
5	-	0.04	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	0.98	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	0.44	-	-	-
16	-	-	-	-	-
17	-	0.43	-	-	-
18	-	-	-	-	-
19	-	-	-	-	-
20	-	-	-	-	-
21	-	-	-	-	-
22	-	-	-	-	-
23	-	-	-	-	-
24	-	-	-	-	-
25	-	-	-	-	-
26	-	-	-	-	-
27	-	-	-	-	-
28	-	-	-	-	-
29	1.42	-	-	-	29.17
30	-	1.56	-	2.25	-
31	0.97	0.47	-	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

AUGUST 76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 26
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	1.42	0.73
31	-	-

PRECIPITATED SULPHATE (MILLIGRAMS PER M2)

DATE	N 01	N 05	N 06	N 08	N 14	N 15	N 16	N 18	N 22	N 24	N 26	N 27
1	0	0	2	4	1	1	0	0	0	2	-	0
2	0	3	0	-	3	1	48	7	0	4	0	0
3	0	2	0	0	0	-	1	0	0	0	0	0
4	0	0	0	-	0	0	-	0	0	1	0	-
5	0	0	1	0	0	3	1	0	0	0	0	0
6	0	0	0	0	0	1	0	0	0	0	0	0
7	0	0	0	0	0	-	0	0	0	0	0	0
8	0	0	0	0	0	-	0	0	0	0	0	0
9	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
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	3	0	9	0	0	38	0	0	0
13	0	0	0	0	5	0	0	0	0	0	0	0
14	0	0	0	0	0	6	0	0	0	0	0	0
15	0	0	0	0	0	0	3	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	4	0	0	0	0	0
18	0	0	0	0	0	3	0	0	0	0	0	0
19	0	0	0	0	0	1	0	0	0	0	0	0
20	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
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	8	0	0	0	0	0	0
24	0	0	0	0	0	1	0	0	0	0	0	0
25	0	0	0	0	44	5	0	0	-	0	0	0
26	-	0	0	-	0	0	0	0	0	0	0	0
27	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
29	0	0	0	15	84	4	0	0	0	30	0	55
30	10	21	0	0	30	21	35	0	38	-	36	0
31	0	0	12	36	17	2	3	0	0	32	0	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

AUGUST 76

PRECIPITATED ACID (MICROEQUIVALENTS PER M2)

DATE	N 01	N 05	N 06	N 08	N 14	N 15	N 16	N 18	N 22	N 24	N 26
1	0	0	-	-	-23	-14	0	0	0	-	-
2	0	-	-	-	-	-72	-204	479	0	-	0
3	0	-	0	0	0	-	-24	0	0	0	0
4	0	0	0	-	-6	0	3	0	0	-	0
5	0	0	-	0	0	26	-	0	0	0	0
6	0	0	0	0	0	2	0	0	0	-	0
7	0	0	0	0	0	2	0	0	0	0	0
8	0	0	0	0	0	-	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	9	0	202	0	0	-	0	0
13	0	0	0	0	49	0	0	0	0	0	0
14	0	0	0	0	0	93	0	0	0	0	0
15	0	0	0	0	0	0	-177	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	-	-	0	0	0	0
18	0	0	0	0	0	60	0	0	0	0	0
19	0	0	0	0	0	15	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	60	0	0	0	0	0
24	0	0	0	0	0	-	0	0	0	0	0
25	0	0	0	0	764	105	0	0	-	0	0
26	-	0	0	-	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	193	1352	40	0	0	0	64	0
30	79	49	0	0	582	4/3	118	0	-100	-	325
31	0	0	125	350	45	-41	11	0	0	222	0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	0.8	0.8	1.1	0.3	0.8
2	0.9	0.6	1.5	0.6	0.6
3	0.8	0.7	0.2	0.4	0.5
4	0.9	0.8	0.9	0.7	0.6
5	0.7	0.9	2.0	0.6	0.6
6	1.0	1.0	2.2	0.3	0.8
7	1.8	0.8	3.2	1.2	1.3
8	-	1.7	-	1.8	1.1
9	-	0.5	4.4	-	3.0
10	-	3.8	7.4	-	2.5
11	-	3.9	6.3	-	2.8
12	-	3.7	5.8	-	3.5
13	-	4.3	5.6	-	3.1
14	6.5	5.8	8.4	-	3.5
15	4.8	6.3	7.9	-	3.8
16	3.9	6.2	7.8	-	-
17	4.1	5.0	3.5	-	-
18	4.3	4.9	7.0	-	-
19	11.7	6.2	17.7	-	-
20	7.7	20.0	2.7	-	-
21	1.5	13.2	1.7	-	-
22	1.1	2.3	3.0	-	-
23	3.3	1.5	5.5	-	-
24	2.8	3.7	-	-	-
25	10.8	17.8	-	-	-
26	4.8	-	-	-	-
27	2.9	5.2	-	-	-
28	11.8	1.8	-	-	-
29	20.4	12.6	-	-	-
30	14.0	19.2	-	-	7.5
31	1.0	8.9	-	0.7	0.8

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - SEPTEMBER 1976

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	PA	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	TÅGMYRA	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 BACKGROUND STATIONS , FINAL DATA

AUGUST 76

PRECIPITATED ACID (MICROEQUIVALENTS PER M2)

DATE	N 01	N 05	N 06	N 08	N 14	N 15	N 16	N 18	N 22	N 24	N 26
1	0	0	-	-	-23	-14	0	0	0	-	-
2	0	-	-	-	-	-72	-204	479	0	-	0
3	0	-	0	0	0	-	-24	0	0	0	0
4	0	0	0	-	-6	0	3	0	0	-	0
5	0	0	-	0	0	26	-	0	0	0	0
6	0	0	0	0	0	2	0	0	0	-	0
7	0	0	0	0	0	2	0	0	0	0	0
8	0	0	0	0	0	-	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	9	0	202	0	0	-	0	0
13	0	0	0	0	49	0	0	0	0	0	0
14	0	0	0	0	0	93	0	0	0	0	0
15	0	0	0	0	0	0	-177	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	-	-	0	0	0	0
18	0	0	0	0	0	60	0	0	0	0	0
19	0	0	0	0	0	15	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	60	0	0	0	0	0
24	0	0	0	0	0	-	0	0	0	0	0
25	0	0	0	0	764	105	0	0	-	0	0
26	-	0	0	-	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	193	1352	40	0	0	0	64	0
30	79	49	0	0	582	4/3	118	0	-100	-	325
31	0	0	125	350	45	-41	11	0	0	222	0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	0.8	0.8	1.1	0.3	0.8
2	0.9	0.6	1.5	0.6	0.6
3	0.8	0.7	0.2	0.4	0.5
4	0.9	0.8	0.9	0.7	0.6
5	0.7	0.9	2.0	0.6	0.6
6	1.0	1.0	2.2	0.3	0.8
7	1.8	0.8	3.2	1.2	1.3
8	-	1.7	-	1.8	1.1
9	-	0.5	4.4	-	3.0
10	-	3.8	7.4	-	2.5
11	-	3.9	6.3	-	2.8
12	-	3.7	5.8	-	3.5
13	-	4.3	5.6	-	3.1
14	6.5	5.8	8.4	-	3.5
15	4.8	6.3	7.9	-	3.8
16	3.9	6.2	7.8	-	-
17	4.1	5.0	3.5	-	-
18	4.3	4.9	7.0	-	-
19	11.7	6.2	17.7	-	-
20	7.7	20.0	2.7	-	-
21	1.5	13.2	1.7	-	-
22	1.1	2.3	3.0	-	-
23	3.3	1.5	5.5	-	-
24	2.8	3.7	-	-	-
25	10.8	17.8	-	-	-
26	4.8	-	-	-	-
27	2.9	5.2	-	-	-
28	11.8	1.8	-	-	-
29	20.4	12.6	-	-	-
30	14.0	19.2	-	-	7.5
31	1.0	8.9	-	0.7	0.8

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - SEPTEMBER 1976

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	PA	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	TÅGMYRA	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

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

SEPTEMBER 76

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 26	N 27
1	0.0	0.0	0.6	1.9	0.0	21.8	6.9	0.0	0.0	0.0	0.0	2.2	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	1.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.6	0.0	6.7	1.4	0.0	0.0	0.0	0.0	0.3	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	4.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.6	0.0	27.0	15.5	0.0	0.0	0.0	0.0	2.5	0.0	0.0
6	0.0	0.0	0.0	7.9	0.0	25.5	31.5	2.4	0.0	0.0	0.0	15.1	0.0	0.7
7	0.0	0.0	3.5	0.6	0.0	16.3	24.3	0.6	0.0	0.0	0.0	4.0	0.0	0.0
8	11.0	2.0	2.6	4.8	3.6	0.9	1.0	0.0	0.0	0.0	0.0	0.4	1.7	0.0
9	58.9	23.0	17.3	17.8	36.3	2.4	0.0	10.0	12.7	33.1	22.1	7.3	12.1	8.6
10	6.7	4.8	3.5	9.1	6.9	2.5	5.7	11.0	14.7	6.7	11.5	2.2	4.2	3.3
11	0.3	4.7	0.0	0.0	0.3	2.6	5.5	1.6	3.2	0.0	0.0	0.0	1.6	0.4
12	5.1	6.0	0.8	0.0	2.3	0.0	0.3	3.6	6.1	2.3	6.2	0.0	5.7	1.0
13	15.9	16.4	10.9	6.7	17.8	3.1	0.5	1.2	1.3	1.6	14.0	0.0	10.2	4.2
14	31.5	10.1	12.4	8.7	16.1	4.5	0.0	6.9	18.6	41.3	0.4	7.3	10.3	2.4
15	12.7	0.0	3.0	0.0	1.0	0.0	0.0	0.0	1.3	4.3	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
17	4.1	2.0	0.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
18	4.8	3.0	0.0	0.2	2.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.4	0.8
19	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	0.0
20	0.0	0.0	0.0	0.0	0.0	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	0.0	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
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.2	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
27	2.5	0.9	0.4	0.4	1.3	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	0.7	0.0	0.0	0.0	0.0	0.0	0.4	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	0.2	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

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 26	N 27
1	-	0.0	0.5	2.6	0.0	22.9	6.9	0.0	-	0.0	-	3.4	-	-
2	-	0.0	0.0	0.0	0.0	1.6	10.8	0.0	-	0.0	-	0.0	-	-
3	-	0.0	0.0	0.8	0.0	7.6	1.4	0.0	-	0.0	-	1.0	-	-
4	-	0.0	0.0	0.0	0.0	4.9	1.9	0.0	-	0.0	-	0.0	-	-
5	-	0.0	0.0	1.0	0.0	27.0	15.5	0.0	-	0.0	-	3.4	-	-
6	-	0.0	0.0	8.5	0.0	25.5	31.5	2.6	-	0.0	-	15.5	-	-
7	-	0.0	4.5	1.2	0.0	17.0	24.3	0.6	-	0.0	-	4.0	-	-
8	-	1.6	2.5	5.0	3.8	1.2	1.0	0.0	-	0.0	-	1.0	-	-
9	-	23.0	18.3	18.4	36.7	2.5	0.0	10.5	-	31.7	-	8.0	-	-
10	-	5.0	4.8	9.5	7.1	2.7	5.7	11.5	-	6.9	-	3.0	-	-
11	-	4.5	0.0	0.0	0.5	2.8	5.5	1.7	-	0.0	-	0.0	-	-
12	-	5.9	1.0	0.0	2.4	0.0	0.3	3.9	-	2.3	-	0.0	-	-
13	-	15.1	12.0	7.0	17.5	3.3	0.5	1.3	-	1.5	-	0.0	-	-
14	-	9.4	11.2	8.7	16.1	4.7	0.0	7.3	-	41.3	-	7.8	-	-
15	-	0.0	3.0	0.0	1.1	0.1	0.0	0.0	-	4.0	-	0.0	-	-
16	-	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-	0.0	-	0.0	-	-
17	-	1.9	0.9	0.0	1.2	0.0	0.0	0.0	-	0.0	-	0.0	-	-
18	-	3.0	0.0	0.2	2.5	0.0	0.0	0.0	-	0.8	-	0.0	-	-
19	-	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-	0.0	-	0.0	-	-
20	-	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-	0.0	-	0.0	-	-
21	-	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-	0.0	-	0.0	-	-
22	-	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-	0.0	-	0.0	-	-
23	-	0.0	0.0	0.0	0.0	0.1	3.0	0.0	-	0.0	-	0.1	-	-
24	-	0.0	0.0	0.0	0.0	0.1	2.4	0.0	-	0.0	-	0.0	-	-
25	-	0.0	0.0	0.0	0.0	0.1	2.4	0.0	-	0.0	-	0.0	-	-
26	-	0.0	0.0	0.0	0.0	0.1	2.2	0.0	-	0.0	-	0.0	-	-
27	-	0.9	0.4	0.6	1.4	0.0	0.0	0.0	-	0.0	-	0.0	-	-
28	-	0.0	0.0	0.0	0.0	0.8	0.0	0.0	-	0.0	-	1.0	-	-
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	0.0	1.3	0.0	-	0.0	-	0.0	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

SEPTEMBER 76

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	-	-	4.38	0.49	-	0.07	0.12	-	-	-	-	1.74	-	-	-
2	-	-	-	-	-	0.14	0.17	-	-	-	-	-	0.12	-	-
3	-	-	-	1.01	-	0.12	0.13	-	-	-	-	0.82	-	-	-
4	-	-	-	-	-	0.09	0.04	-	-	-	-	-	-	-	-
5	-	-	-	-	-	0.06	0.06	-	-	-	-	0.94	-	-	-
6	-	-	-	0.15	-	0.08	0.17	0.08	-	-	-	0.34	-	-	0.25
7	-	-	0.25	0.35	-	0.06	0.07	0.08	-	-	-	0.95	-	-	-
8	0.09	0.28	0.22	0.04	0.42	0.07	0.11	-	-	-	-	0.38	-	0.10	-
9	0.03	0.04	0.08	0.06	0.08	0.09	-	0.02	0.03	0.02	0.27	0.13	0.04	0.02	0.08
10	0.11	0.10	1.51	0.07	0.14	0.02	0.02	0.02	0.08	0.05	0.58	0.08	0.01	0.05	0.06
11	-	0.10	-	-	0.49	0.08	0.06	0.03	0.25	-	-	-	0.15	0.13	-
12	0.11	0.06	0.67	-	0.25	-	0.07	0.03	0.05	0.06	0.27	-	0.13	0.07	0.07
13	0.04	0.03	0.04	0.05	0.05	0.08	0.04	0.03	0.09	0.08	0.19	-	-	0.02	0.03
14	0.15-0.19	0.12	0.03	0.10	0.01	-	0.02	0.03	0.02	2.40	0.11	-	0.04	0.03	-
15	0.05	-	0.06	-	0.91	-	-	-	0.03	0.01	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	0.13	0.18	0.08	-	0.15	-	-	-	-	-	1.00	-	-	-	-
18	0.05	0.17	-	-	0.23	-	-	-	-	0.04	-	-	-	0.09	0.29
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	0.04	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	0.04	-	-	-	-	-	0.03	-	-
25	-	-	-	-	-	-	0.11	-	-	-	-	-	0.08	-	-
26	-	-	-	-	-	-	0.50	-	-	-	-	-	-	-	-
27	0.07	0.24	0.19	0.20	0.09	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	0.19	-	-	-	-	-	-	-	-

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	-	-	2.6	1.5	-	0.2	0.0	-	-	-	-	2.4	-	-	-
2	-	-	-	-	-	0.3	0.0	-	-	-	-	-	1.2	-	-
3	-	-	-	2.4	-	0.3	0.2	-	-	-	-	5.6	-	-	-
4	-	-	-	-	-	0.6	0.2	-	-	-	-	-	-	-	-
5	-	-	-	3.1	-	0.3	0.2	-	-	-	-	3.1	-	-	-
6	-	-	-	0.9	-	0.3	0.1	0.7	-	-	-	0.8	-	-	4.6
7	-	-	1.0	2.0	-	0.3	0.9	0.7	-	-	-	1.9	-	-	-
8	3.4	3.6	7.3	0.8	2.0	0.5	0.5	-	-	-	-	2.1	-	1.9	-
9	3.1	4.4	3.9	1.5	2.2	1.3	-	0.7	2.6	1.9	5.3	2.9	0.7	3.3	1.9
10	3.2	3.1	0.9	0.6	1.7	0.7	0.7	0.9	2.4	2.3	3.4	3.0	1.3	3.0	0.9
11	-	4.0	-	-	-	0.7	0.9	0.7	3.2	-	-	-	0.6	5.0	-
12	5.8	5.9	9.9	-	7.1	-	1.1	3.5	4.1	6.0	6.6	-	2.0	11.1	5.3
13	2.2	4.4	1.9	3.0	2.9	0.9	0.5	0.8	4.8	8.8	4.0	-	-	2.5	4.4
14	3.3	5.8	3.0	2.8	2.8	0.7	-	2.4	3.4	3.9	-	2.6	-	3.2	3.1
15	3.3	-	2.0	-	7.1	-	-	-	4.3	3.6	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	4.5	6.8	4.6	-	-	-	-	-	-	-	-	-	-	-	-
18	5.3	7.1	-	-	7.6	-	-	-	-	7.0	-	-	-	9.7	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	3.1	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	1.4	-	-	-	-	-	1.7	-	-
25	-	-	-	-	-	-	1.3	-	-	-	-	-	2.2	-	-
26	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-
27	4.8	8.0	4.7	-	8.8	-	-	-	-	-	-	-	2.7	-	-
28	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	1.4	-	-	-	-	-	11.7	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

SEPTEMBER 76

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	-	-	5.10	5.35	-	5.40	5.30	-	-	-	-	5.60	-	-	-
2	-	-	-	-	-	5.60	5.50	-	-	-	-	-	6.75	-	-
3	-	-	-	4.80	-	5.55	5.35	-	-	-	-	6.50	-	-	-
4	-	-	-	-	-	5.40	5.80	-	-	-	-	-	-	-	-
5	-	-	-	4.75	-	6.00	5.40	-	-	-	-	4.80	-	-	-
6	-	-	-	5.05	-	5.40	5.35	5.60	-	-	-	5.05	-	-	4.90
7	-	-	5.30	5.55	-	5.80	5.40	5.60	-	-	-	6.60	-	-	-
8	4.20	5.50	3.80	4.80	7.20	6.30	5.85	-	-	-	-	7.00	-	4.75	-
9	4.30	4.20	4.15	4.50	6.30	4.80	-	4.90	4.35	4.50	4.20	4.70	6.00	4.15	4.60
10	4.20	4.30	4.80	5.00	6.65	5.05	5.00	4.75	4.40	4.65	5.00	4.70	4.60	4.15	5.00
11	-	4.30	-	-	7.80	5.35	5.15	5.10	4.80	-	-	-	5.10	4.10	-
12	4.10	4.10	4.00	-	4.10	-	5.15	4.20	4.15	4.00	4.10	-	5.35	3.80	4.15
13	4.45	4.35	4.40	4.45	5.45	5.20	5.90	4.15	4.05	3.95	4.30	-	-	4.40	4.25
14	4.20	4.30	4.15	4.20	4.30	5.20	-	4.40	4.20	4.25	6.55	4.55	-	4.20	4.35
15	4.10	-	4.25	-	5.70	-	-	-	4.05	4.30	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	4.20	4.00	4.20	-	4.00	-	-	-	-	-	4.40	-	-	-	-
18	4.15	4.20	-	-	4.50	-	-	-	-	3.95	-	-	-	3.15	5.95
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	4.60	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	4.75	-	-	-	-	-	5.70	-	-
25	-	-	-	-	-	-	5.35	-	-	-	-	-	5.15	-	-
26	-	-	-	-	-	-	5.20	-	-	-	-	-	-	-	-
27	4.25	4.25	4.40	4.40	4.75	-	-	-	-	-	-	-	7.30	-	-
28	-	-	-	-	-	5.70	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	5.15	-	-	-	-	-	4.85	-	-

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	-	-	-	-	-	2	-1	-	-	-	-	-18	-	-	-
2	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-
3	-	-	-	16	-	5	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-4	-	-	-	-	-	-	-	-	-
5	-	-	-	18	-	-4	-2	-	-	-	-	33	-	-	-
6	-	-	-	28	-	-1	1	-	-	-	-	22	-	-	13
7	-	-	2	-	-	-5	1	-	-	-	-	-81	-	-	-
8	81	-	160	28	-477	-	-	-	-	-	-	-	-	18	-
9	72	63	71	47	-36	16	-	16	45	42	87	20	-	71	40
10	63	50	19	18	-78	-	8	26	40	24	9	28	25	71	16
11	-	50	-	-	-	4	8	-	27	-	-	-	8	80	-
12	80	80	100	-	80	-	-	63	71	100	114	-	-	160	71
13	48	45	40	45	1	15	-	71	89	112	70	-	-	40	56
14	92	50	71	76	50	11	-	40	63	56	-	28	-	63	45
15	98	-	56	-	-	-	-	-	89	50	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	63	100	63	-	100	-	-	-	-	-	40	-	-	-	-
18	71	63	-	-	32	-	-	-	-	112	-	-	-	705	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	56	56	40	40	18	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

SEPTEMBER 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	0.10	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	0.28	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	0.38	-	-	-	-	-
6	-	0.15	-	0.06	-	-	-
7	-	0.21	-	-	-	-	-
8	0.49	0.19	0.42	-	-	0.18	-
9	0.44	0.22	0.25	0.05	0.35	0.53	0.36
10	0.32	0.07	0.12	0.12	0.33	0.29	0.28
11	-	-	1.92	0.04	0.61	1.13	-
12	0.96	-	0.97	0.31	0.64	1.21	0.16
13	0.36	0.51	0.32	0.44	1.15	0.28	0.40
14	0.68	0.48	0.51	0.23	0.55	0.52	0.32
15	0.67	-	1.92	-	0.64	-	-
16	-	-	-	-	-	-	-
17	0.51	-	0.80	-	-	-	-
18	0.56	-	0.79	-	-	10.00	0.70
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	0.44	-	0.03	-	-	-	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	0.04	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	0.29	-	-	-	-	-
6	-	0.11	-	0.18	-	-	-
7	-	0.16	-	-	-	-	-
8	0.36	0.14	0.37	-	-	0.17	-
9	0.56	0.17	0.21	0.00	0.24	0.30	0.28
10	0.23	0.05	0.04	0.09	0.33	0.09	0.21
11	-	-	0.81	0.05	1.11	0.91	-
12	1.35	-	0.74	0.31	0.79	1.50	0.38
13	0.36	0.75	0.32	0.30	0.93	0.21	0.56
14	0.58	0.24	0.28	0.20	0.78	0.35	0.33
15	0.40	-	1.27	-	0.60	-	-
16	-	-	-	-	-	-	-
17	0.39	-	0.62	-	-	-	-
18	0.33	-	1.69	-	-	0.76	1.71
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-
27	0.26	-	0.07	-	-	-	-
28	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

SEPTEMBER 76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	0.17	10.40	0.34
9	0.10	1.90	0.11
10	0.15	2.35	0.12
11	-	-	0.20
12	0.26	1.03	0.26
13	0.10	0.98	0.08
14	0.19	0.18	0.10
15	0.09	4.36	-
16	-	-	-
17	0.31	-	-
18	0.44	1.23	0.70
19	-	-	-
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	0.46	1.03	-
28	-	-	-
29	-	-	-
30	-	-	-

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	0	0	1	3	0	3	0	0	0	0	0	5	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	0	2	0	0	0	0	0	2	0	0
4	0	0	0	0	0	2	0	0	0	0	0	0	0	0
5	0	0	0	2	0	9	3	0	0	0	0	8	0	0
6	0	0	0	7	0	7	3	2	0	0	0	12	0	3
7	0	0	3	1	0	5	22	0	0	0	0	8	0	0
8	37	7	19	4	7	0	1	0	0	0	0	1	3	0
9	182	102	67	27	81	3	0	7	34	63	117	21	39	17
10	22	15	3	5	11	2	4	9	35	15	39	7	13	3
11	-	19	0	0	-	2	5	1	10	0	0	0	8	-
12	29	36	8	0	16	0	0	13	25	14	41	0	64	5
13	34	73	20	21	51	3	0	1	6	14	55	0	26	19
14	104	59	38	24	45	3	0	16	63	159	-	19	33	7
15	43	0	6	0	7	0	0	0	6	15	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	19	14	4	0	-	0	0	0	0	0	-	0	0	0
18	25	21	0	-	18	0	0	0	0	6	0	0	14	-
19	-	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
21	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
23	0	0	0	0	0	0	9	0	0	0	0	-	0	0
24	0	0	0	0	0	0	3	0	0	0	0	-	0	0
25	0	0	0	0	0	0	3	0	0	0	0	-	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	12	7	2	-	12	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	0	0	0	0	0	-	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	-	0	0	0	0	0	2	0	0	0	0	0	0	0

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

SEPTEMBER 76

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	0	0	-	-	0	44	-7	0	0	0	0	-40	0	0
2	0	0	0	0	0	-	0	0	0	0	0	0	0	0
3	0	0	0	9	0	34	-	0	0	0	0	-	0	0
4	0	0	0	0	0	-17	-	0	0	0	0	0	0	0
5	0	0	0	10	0	-108	-31	0	0	0	0	84	0	0
6	0	0	0	221	0	-25	32	-	0	0	0	333	0	9
7	0	0	7	-	0	-81	24	-	0	0	0	-325	0	0
8	890	-	418	135-1731	-	-	-	0	0	0	0	-	30	0
9	4240	1448	1229	838-1306	38	0	160	573	1390	1925	146	859	344	
10	421	242	67	164	-536	-	46	286	588	161	103	62	301	53
11	-	236	0	0	-	10	44	-	88	0	0	0	127	-
12	407	484	76	0	183	0	-	229	434	232	708	0	917	68
13	764	739	435	304	18	47	-	88	119	178	980	0	407	235
14	2899	506	881	663	805	50	0	275	1171	2312	-	205	652	106
15	1248	0	168	0	-	0	0	0	119	213	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	261	204	48	0	108	0	0	0	0	0	14	0	0	0
18	339	186	0	-	75	0	0	0	0	93	0	0	1010	-
19	-	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
21	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
23	0	0	0	0	0	0	120	0	0	0	0	-	0	0
24	0	0	0	0	0	0	43	0	0	0	0	-	0	0
25	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
27	143	50	18	15	24	0	0	0	0	0	0	0	0	0
28	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
30	-	0	0	0	0	0	-	0	0	0	0	0	0	0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	0.6	0.7	0.8	0.4	-
2	0.5	0.5	0.6	0.3	-
3	0.6	0.7	0.7	0.3	-
4	0.6	0.8	0.5	0.2	-
5	1.0	0.7	1.2	0.4	-
6	1.5	1.3	1.9	0.3	-
7	0.6	0.8	0.8	0.3	-
8	0.6	0.6	0.6	0.3	-
9	0.8	0.8	1.4	0.4	-
10	1.2	0.4	2.2	0.7	-
11	1.0	0.7	7.5	0.3	-
12	3.2	0.9	5.9	1.0	-
13	6.1	3.0	10.0	2.7	2.8
14	5.9	5.3	8.1	0.7	4.3
15	5.6	3.6	3.7	-	3.7
16	2.4	5.0	2.4	1.2	1.7
17	2.8	2.5	3.2	0.8	2.2
18	2.0	2.2	-	0.9	1.5
19	3.8	4.5	8.9	3.8	4.1
20	3.9	4.5	10.2	3.8	5.2
21	5.3	6.6	9.4	2.2	3.6
22	5.0	3.5	4.2	2.0	3.7
23	4.3	2.3	8.4	0.4	2.7
24	3.5	2.7	5.3	0.0	2.2
25	2.9	2.7	2.3	0.5	1.8
26	2.6	2.7	4.9	0.3	2.8
27	6.2	2.7	9.6	0.3	4.5
28	1.6	1.7	1.2	0.6	1.4
29	1.5	1.2	2.4	1.2	1.3
30	2.1	2.0	3.7	0.6	2.2

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - OCTOBER 1976

THE FOLLOWING STATIONS HAVE REPORTED RESULTS:

LIST OF STATIONS				LOCATIONS		
NR	CODE	NAME	FUNCTION	LAT.	LONG.	ALT.
1	N 01	BIRKENES	PA	58 N	8 12 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	PA	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 BACKGROUND STATIONS , FINAL DATA

OCTOBER 76

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 26	N 27
1	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
2	11.8	2.8	2.6	6.0	2.4	0.0	0.0	0.0	0.0	0.0	1.6	0.4	3.5	0.0
3	21.6	5.9	7.0	6.5	4.1	0.0	0.0	1.8	0.0	6.3	2.5	0.0	4.3	1.0
4	38.2	27.1	22.7	20.9	27.2	1.4	0.0	2.1	1.0	11.6	0.0	8.3	10.5	0.3
5	19.1	52.5	4.3	12.4	22.5	2.7	0.0	3.7	7.0	33.1	10.0	8.0	24.1	3.9
6	13.7	15.2	13.2	24.1	13.0	2.5	0.8	10.8	11.5	10.1	11.1	4.1	12.9	8.5
7	0.0	0.0	7.4	8.3	0.0	12.4	1.0	0.0	0.0	0.0	0.0	3.4	0.0	1.0
8	0.0	0.0	3.5	0.0	0.0	20.3	3.9	0.0	0.0	0.0	0.0	1.6	0.0	2.3
9	0.0	0.0	1.0	0.0	0.0	3.6	4.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0
10	0.0	0.8	0.8	2.1	1.4	5.7	10.8	0.0	1.3	0.0	0.0	0.0	0.0	0.5
11	23.1	20.0	3.9	23.7	15.6	2.5	1.0	3.8	0.0	4.8	3.1	8.6	15.9	2.2
12	97.1	57.0	63.5	57.9	70.7	0.0	0.0	9.8	0.0	27.4	0.0	22.9	37.6	10.3
13	52.5	28.0	19.5	2.0	62.2	0.0	0.0	0.0	7.0	26.7	0.0	0.3	23.6	2.1
14	27.9	20.6	3.8	10.2	33.1	0.0	0.1	8.9	38.2	35.1	0.0	2.0	28.3	5.7
15	54.1	26.9	0.4	0.1	48.2	0.0	0.0	6.0	13.4	24.4	0.0	0.2	0.0	4.3
16	53.5	24.8	5.3	2.9	23.0	0.0	0.5	5.6	8.0	15.0	0.0	0.0	18.5	0.0
17	10.2	12.2	2.7	0.6	9.1	0.0	0.0	4.0	4.2	8.1	0.0	0.0	3.5	0.2
18	21.0	7.2	0.7	1.2	5.1	0.0	1.4	4.1	7.4	9.8	0.0	0.0	1.7	0.0
19	19.7	4.1	0.0	0.0	5.3	0.0	0.0	4.1	9.4	8.1	15.3	0.0	1.0	0.0
20	37.9	16.6	11.5	5.6	27.5	3.7	0.0	0.0	0.0	11.6	10.5	0.0	8.0	2.2
21	19.1	28.6	10.1	40.5	16.6	0.0	0.0	5.7	20.3	16.5	8.0	10.9	20.7	11.3
22	1.8	7.3	0.0	8.0	1.9	0.0	0.0	3.6	7.3	7.7	8.3	3.3	0.0	0.0
23	8.3	18.3	3.7	2.2	9.1	0.0	4.0	0.0	0.0	8.0	0.0	0.2	6.7	1.5
24	16.9	6.5	28.5	8.0	6.7	1.7	0.1	0.8	0.0	1.8	0.0	12.7	3.1	1.2
25	0.0	0.7	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0
26	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
27	5.7	0.7	0.0	0.0	1.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7
28	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.0	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	1.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
30	0.0	1.0	0.0	0.0	0.0	0.0	0.2	0.0	5.9	0.0	2.1	0.0	0.0	0.0
31	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

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 26	N 27
1	-	0.0	0.0	0.0	0.0	0.0	1.4	0.0	-	0.0	-	0.0	-	-
2	-	2.6	2.3	6.4	2.4	0.0	0.0	0.0	-	0.0	-	0.4	-	-
3	-	6.0	7.0	7.0	4.7	0.0	0.0	1.8	-	6.5	-	0.0	-	-
4	-	26.1	21.0	20.9	27.0	1.5	0.0	2.2	-	11.0	-	8.8	-	-
5	-	52.5	5.6	12.5	22.0	3.1	0.0	4.0	-	31.5	-	8.0	-	-
6	-	14.4	13.5	23.7	13.0	2.9	0.8	11.1	-	9.8	-	4.6	-	-
7	-	0.0	8.3	8.5	0.0	12.9	1.0	0.0	-	0.0	-	3.5	-	-
8	-	0.0	4.4	0.0	0.0	21.2	3.9	0.0	-	0.0	-	2.5	-	-
9	-	0.0	1.6	0.0	0.0	3.8	4.1	0.0	-	0.0	-	0.2	-	-
10	-	0.6	0.3	2.5	1.5	5.9	10.8	0.0	-	0.0	-	0.0	-	-
11	-	18.5	3.9	23.7	15.5	3.0	1.0	4.0	-	5.0	-	9.2	-	-
12	-	57.0	63.5	57.9	70.1	0.0	0.0	10.1	-	27.4	-	24.0	-	-
13	-	28.0	19.5	2.0	63.0	0.3	0.0	0.0	-	26.7	-	1.0	-	-
14	-	20.6	3.8	10.2	31.8	0.0	0.1	8.8	-	35.1	-	3.0	-	-
15	-	26.9	0.2	0.1	48.2	0.0	0.0	6.2	-	24.4	-	0.3	-	-
16	-	23.7	4.4	2.6	22.5	0.0	0.5	5.9	-	15.0	-	0.0	-	-
17	-	11.5	3.6	0.8	8.9	0.1	0.0	4.0	-	8.1	-	0.0	-	-
18	-	6.5	0.7	1.2	5.2	0.0	1.4	4.2	-	10.7	-	0.0	-	-
19	-	3.5	0.3	0.0	5.5	0.2	0.0	4.1	-	7.8	-	0.0	-	-
20	-	15.9	11.5	5.4	27.5	3.9	0.0	0.0	-	12.4	-	0.0	-	-
21	-	27.8	11.6	40.5	17.0	0.0	0.0	6.1	-	16.5	-	10.9	-	-
22	-	7.3	0.1	7.0	2.1	0.2	0.0	3.9	-	6.9	-	3.3	-	-
23	-	18.4	3.7	1.9	8.3	0.0	4.0	0.0	-	7.9	-	0.8	-	-
24	-	6.9	28.5	7.2	7.0	1.9	0.1	0.9	-	1.2	-	13.2	-	-
25	-	0.6	0.0	0.0	0.0	0.0	3.6	0.0	-	0.0	-	0.0	-	-
26	-	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-	0.0	-	0.0	-	-
27	-	0.6	0.0	0.0	2.0	0.0	1.1	0.0	-	0.0	-	0.0	-	-
28	-	0.0	0.0	0.0	0.1	0.0	4.0	1.1	-	0.0	-	0.0	-	-
29	-	0.0	0.0	0.0	0.0	0.1	1.0	0.0	-	3.3	-	0.0	-	-
30	-	0.7	0.0	0.0	0.0	0.1	0.2	0.0	-	0.0	-	0.0	-	-
31	-	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-	0.0	-	0.0	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

OCTOBER 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-
2	0.45	0.48	0.75	-	-	0.65	-
3	1.21	0.49	0.55	0.48	-	0.50	0.25
4	0.69	0.30	0.49	0.64	0.70	0.71	0.83
5	0.09	0.15	0.06	0.47	0.32	0.05	0.22
6	0.58	0.28	0.40	0.29	0.30	0.36	0.18
7	-	0.11	-	-	-	-	0.12
8	-	-	-	-	-	-	0.12
9	-	-	-	-	-	-	-
10	-	0.85	1.69	-	1.06	-	0.44
11	1.70	0.47	0.84	0.41	-	0.79	0.82
12	0.28	0.16	0.25	0.10	-	0.24	0.25
13	0.04	0.24	0.05	-	0.40	0.06	0.13
14	0.16	0.05	0.09	0.31	0.22	0.07	0.05
15	0.07	-	0.06	0.30	0.32	-	0.03
16	0.10	0.39	0.10	0.19	0.12	0.21	-
17	0.31	0.18	0.21	0.29	0.29	0.37	-
18	0.23	0.07	0.23	0.39	0.29	-	-
19	0.29	-	0.28	0.31	0.32	-	-
20	0.77	0.90	0.45	-	-	0.67	0.39
21	1.50	0.46	1.10	0.83	1.10	1.05	0.59
22	0.81	0.28	0.24	0.53	1.22	-	-
23	2.80	0.47	1.26	-	-	1.30	0.53
24	1.44	0.29	0.58	1.69	-	1.24	0.49
25	-	-	-	-	-	-	-
26	-	-	1.35	-	-	-	-
27	0.68	-	0.87	-	-	-	0.33
28	-	-	-	0.98	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	0.37	-	-
31	-	-	-	-	-	-	-

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27
1	-	-	-	-	-	-	-
2	0.66	0.30	0.56	-	-	0.61	-
3	1.00	0.43	0.61	2.05	-	0.38	0.07
4	0.35	0.12	0.29	1.77	1.57	0.59	0.20
5	0.10	0.12	0.04	0.97	0.35	0.04	0.14
6	0.80	0.17	0.30	0.35	0.27	0.25	0.09
7	-	0.10	-	-	-	-	0.06
8	-	-	-	-	-	-	0.08
9	-	-	-	-	-	-	-
10	-	0.77	1.48	-	1.12	-	0.13
11	2.10	0.56	0.91	0.40	-	0.73	0.64
12	0.34	0.17	0.23	0.15	-	0.27	0.19
13	0.06	0.23	0.04	-	0.27	0.06	0.06
14	0.08	0.10	0.18	0.46	0.20	0.11	0.04
15	0.05	-	0.12	0.79	0.61	-	0.04
16	0.09	0.17	0.14	0.23	0.04	0.15	-
17	0.44	0.21	0.34	0.48	0.24	0.55	-
18	0.26	0.66	0.28	1.18	0.35	-	-
19	0.34	-	0.23	0.60	0.42	-	-
20	0.83	0.70	0.31	-	-	0.64	0.07
21	1.80	0.31	1.11	1.19	0.86	1.05	0.30
22	0.46	0.16	0.24	0.49	1.22	-	-
23	2.05	0.69	1.05	-	-	0.98	0.37
24	2.00	0.31	0.72	2.41	-	1.30	0.42
25	-	-	-	-	-	-	-
26	-	-	1.86	-	-	-	-
27	0.85	-	1.68	-	-	-	0.27
28	-	-	-	2.17	-	-	-
29	-	-	-	-	-	-	-
30	-	-	-	-	0.59	-	-
31	-	-	-	-	-	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

OCTOBER 76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26
1	-	-	-
2	0.36	0.68	0.33
3	0.08	0.22	0.06
4	0.05	0.08	0.06
5	0.02	0.02	0.02
6	0.12	0.10	0.06
7	-	-	-
8	-	-	-
9	-	-	-
10	-	0.44	-
11	0.30	0.15	0.08
12	0.08	0.07	0.05
13	0.03	0.03	0.01
14	0.04	0.11	0.01
15	0.02	0.07	-
16	0.05	0.03	0.03
17	0.15	0.12	0.09
18	0.05	0.09	-
19	0.12	0.04	-
20	0.16	0.06	0.12
21	0.34	0.13	0.10
22	0.26	0.15	-
23	0.69	0.31	0.17
24	0.29	0.09	0.12
25	-	-	-
26	-	0.38	-
27	0.50	0.32	-
28	-	-	-
29	-	-	-
30	-	-	-
31	-	-	-

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	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2	56	21	9	20	14	0	0	0	0	0	18	3	18	0
3	145	38	48	22	24	0	0	10	0	37	27	0	22	5
4	187	223	137	50	137	6	0	17	7	55	0	28	71	3
5	25	138	9	12	20	3	0	25	32	94	30	9	28	12
6	37	40	35	45	35	4	2	27	25	27	33	7	32	17
7	0	0	9	11	-	9	2	0	0	0	0	7	0	-
8	0	0	5	0	-	15	2	0	0	0	0	5	0	3
9	0	0	2	0	-	5	2	0	0	0	0	-	0	0
10	0	-	9	12	19	26	8	0	9	0	0	0	0	2
11	222	178	29	102	104	5	1	12	0	49	59	34	92	15
12	341	329	342	129	221	0	0	22	0	123	0	33	117	33
13	45	49	25	3	37	0	0	0	36	51	0	-	14	3
14	32	23	11	14	54	0	-	31	131	47	0	3	29	7
15	28	43	5	-	42	0	0	41	92	29	0	-	0	5
16	55	60	28	9	24	0	1	8	15	22	0	0	27	0
17	38	41	24	1	27	0	0	8	16	10	0	0	11	-
18	61	18	10	1	12	0	3	24	33	20	0	0	-	0
19	66	15	0	0	16	0	0	15	35	16	68	0	-	0
20	171	98	58	26	95	23	0	0	0	22	57	0	27	5
21	112	142	28	95	82	0	0	36	128	64	69	39	82	40
22	8	24	0	10	4	0	0	16	49	32	75	5	0	0
23	96	202	20	14	70	0	4	0	0	46	0	-	58	6
24	194	121	116	31	56	-	-	11	0	16	0	-	39	6
25	0	7	0	0	0	0	3	0	0	0	0	0	-	0
26	0	0	0	0	-	0	0	0	0	0	0	0	0	0
27	48	10	0	0	22	0	1	0	0	0	0	0	0	3
28	0	0	0	0	0	0	4	12	0	0	0	0	0	0
29	0	0	0	0	0	0	1	0	0	13	0	0	0	0
30	0	8	0	0	0	0	-	0	22	0	13	0	0	0
31	0	0	0	0	0	0	-	0	0	0	0	0	0	0

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

OCTOBER 76

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	0	0	0	0	0	0	-	0	0	0	0	0	0	0
2	-389	157	117	455	194	0	0	0	0	0	80	-	286	0
3	3571	527	980	610	368	0	0	-	0	504	89	0	485	91
4	4049	3030	1609	1152	2419	88	0	149	107	1031	0	356	1576	51
5	497	2415	173	222	360	25	0	295	280	1488	361	48	410	178
6	753	742	530	1255	727	-	-	377	355	352	501	166	851	341
7	0	0	261	215	-	161	-	0	0	0	0	-	0	-
8	0	0	123	0	-	-650	16	0	0	0	0	-	0	41
9	0	0	16	0	-	61	-8	0	0	0	0	-	0	0
10	0	103	107	187	280	458	238	0	71	0	0	0	0	30
11	4546	2499	699	1705	1388	40	-	27	0	774	856	584	2149	271
12	6796	4558	3554	2315	2473	0	0	225	0	1725	0	527	2554	413
13	788	476	331	32	684	0	0	0	196	533	0	-	260	42
14	1003	103	83	285	828	0	-	303	1910	982	0	93	623	57
15	1082	646	28	-	674	0	0	339	1190	805	0	-	0	13
16	1765	447	470	129	438	0	14	73	249	420	0	0	720	0
17	723	428	334	9	364	0	0	205	147	154	0	0	233	-
18	1050	410	126	-	173	0	39	120	372	537	0	0	-	0
19	-2191	62	0	0	267	0	0	73	377	359	963	0	-	0
20	3144	1043	816	728	1540	329	0	0	0	488	840	0	573	111
21	1833	1604	634	2794	1329	0	0	458	2031	923	995	359	1924	631
22	112	233	0	377	61	0	0	120	813	485	1168	-	0	0
23	3112	2923	462	216	1457	0	100	0	0	995	0	-	1203	96
24	3054	1461	1595	457	844	77	-	40	0	203	0	446	611	48
25	0	44	0	0	0	0	108	0	0	0	0	0	-	0
26	0	0	0	0	80	0	0	0	0	0	0	0	0	0
27	-	70	0	0	231	0	14	0	0	0	0	0	0	35
28	0	0	0	0	0	0	156	51	0	0	0	0	0	0
29	0	0	0	0	0	0	-	0	0	106	0	0	0	0
30	0	95	0	0	0	0	-	0	184	0	84	0	0	0
31	0	0	0	0	0	0	-	0	0	0	0	0	0	0

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	2.8	3.0	4.6	1.3	3.3
2	3.4	2.9	2.2	1.6	4.6
3	1.6	1.2	8.6	2.1	2.4
4	4.9	1.7	12.9	1.9	2.0
5	1.1	1.9	2.8	-	0.8
6	2.7	0.3	4.3	-	2.3
7	2.4	1.7	3.1	-	1.8
8	1.2	1.3	1.5	0.4	1.0
9	3.3	3.5	3.7	-	1.9
10	5.2	1.5	10.2	-	3.8
11	6.8	4.0	12.8	-	2.5
12	3.2	0.9	-	0.3	0.8
13	0.8	0.4	-	-	0.5
14	0.8	0.5	-	1.1	0.5
15	0.7	-	-	0.6	0.5
16	0.9	-	-	0.9	0.8
17	3.6	-	-	1.7	2.6
18	1.2	-	-	1.4	1.7
19	-	-	4.3	1.0	0.9
20	3.6	-	8.5	2.6	2.0
21	8.7	-	16.6	0.9	2.3
22	1.9	-	7.6	0.8	1.1
23	8.9	5.0	10.0	1.1	1.6
24	8.4	2.1	26.1	0.9	2.8
25	9.6	6.3	23.9	0.7	3.4
26	6.5	3.1	4.8	0.5	4.8
27	3.1	2.6	1.7	1.1	2.3
28	6.7	6.0	7.3	1.4	5.6
29	4.9	4.9	5.1	1.0	4.6
30	1.0	1.0	2.6	0.7	0.9
31	-	1.2	2.3	1.9	1.1

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - NOVEMBER 1976

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	PA	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
16	N 30	JERGUL	P	69 24 N	24 36 E	255

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

NOVEMBER 76

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 26	N 27	N 30
1	33.4	45.0	19.3	14.6	36.0	0.0	0.2	8.0	0.0	1.3	8.6	5.8	11.6	1.4	0.1
2	7.3	20.4	7.4	19.9	13.1	0.0	0.2	0.0	8.1	0.0	6.0	6.9	15.3	1.8	0.0
3	20.7	21.3	13.3	14.1	39.4	0.0	0.0	11.1	5.2	19.5	11.1	4.0	17.8	5.9	0.0
4	9.9	8.0	1.1	2.7	12.7	0.0	0.3	7.4	4.7	20.1	10.9	3.6	9.9	0.0	0.0
5	18.3	9.4	12.4	28.2	13.0	6.2	1.2	2.2	4.2	4.9	6.2	14.1	9.9	5.3	0.0
6	2.9	3.5	1.7	4.0	4.6	0.0	5.5	0.0	1.9	7.4	4.5	0.0	1.9	0.0	0.7
7	9.2	10.8	1.7	1.8	10.2	0.0	7.0	5.2	5.2	11.7	5.9	2.9	13.1	8.8	2.9
8	5.7	0.0	7.3	1.5	2.7	0.0	2.0	2.7	1.9	0.0	0.0	0.0	0.9	0.2	7.1
9	10.5	18.7	18.6	36.9	14.0	0.0	4.6	1.7	3.8	8.3	0.0	6.2	15.0	2.9	7.3
10	13.7	9.9	7.3	15.3	16.6	0.0	2.8	4.7	9.9	0.0	15.9	5.3	8.0	7.2	0.0
11	7.3	6.2	0.0	0.9	12.3	0.0	1.0	9.1	13.4	21.3	8.9	0.0	5.8	8.2	0.0
12	0.0	0.0	2.9	0.0	0.0	1.1	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0
13	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
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
15	0.0	0.0	0.0	2.6	0.0	0.0	0.0	3.1	0.0	0.0	0.0	1.4	0.0	1.9	0.0
16	11.1	5.7	12.6	8.4	6.5	0.0	8.2	0.0	3.1	3.3	0.0	1.1	5.7	3.8	0.0
17	0.0	0.0	0.9	1.7	0.0	8.6	8.0	0.0	0.0	0.0	3.5	1.0	0.0	1.1	0.0
18	0.0	0.0	0.8	0.4	0.9	12.3	6.6	2.2	0.0	0.0	0.0	0.9	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	1.0	19.7	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.1
20	0.0	0.0	0.0	1.3	0.0	11.2	30.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	1.8
21	0.0	0.0	0.0	3.0	0.0	20.5	28.0	0.0	0.0	0.0	0.0	4.5	0.0	1.3	0.0
22	0.0	0.0	0.0	1.0	0.0	16.5	0.3	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	2.7	1.2	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
24	1.1	0.5	1.3	4.1	0.0	13.8	1.4	0.0	0.0	1.3	0.0	2.2	0.0	1.0	0.0
25	0.0	0.3	3.8	22.4	0.0	16.7	13.5	3.0	3.7	0.0	1.5	14.8	0.0	3.4	1.2
26	12.7	2.5	5.6	15.5	7.3	7.9	4.1	0.8	0.0	0.0	0.0	7.0	0.0	0.0	0.0
27	5.7	4.6	3.1	13.6	7.7	0.0	1.2	0.0	0.0	0.0	9.1	13.7	0.0	1.6	0.0
28	13.7	2.1	4.6	30.6	6.9	23.2	4.7	2.4	12.2	0.0	2.0	8.6	6.0	5.9	2.0
29	22.9	22.3	12.6	10.9	30.1	24.8	0.6	0.0	5.3	0.0	14.6	12.8	11.9	2.0	3.8
30	0.0	0.0	1.4	2.4	0.0	8.5	0.0	2.4	0.0	0.0	0.0	1.1	0.0	0.0	1.1

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 26	N 27	N 30
1	-	45.0	19.3	13.5	34.5	0.0	0.2	8.5	-	1.3	-	6.6	-	-	-
2	-	20.4	8.0	19.9	13.1	0.1	0.2	0.0	-	0.0	-	8.1	-	-	-
3	-	20.2	12.6	13.4	39.4	0.0	0.0	12.2	-	19.5	-	5.0	-	-	-
4	-	7.6	2.1	2.0	12.5	0.1	0.3	8.1	-	20.1	-	4.1	-	-	-
5	-	8.5	12.4	28.2	14.0	6.5	1.2	2.5	-	5.5	-	14.0	-	-	-
6	-	3.5	2.7	3.5	4.7	0.0	5.5	0.0	-	7.8	-	0.0	-	-	-
7	-	10.9	1.8	1.8	10.0	0.0	7.0	5.5	-	11.0	-	3.5	-	-	-
8	-	0.0	7.9	1.6	2.5	0.2	2.0	3.0	-	0.0	-	0.0	-	-	-
9	-	18.2	18.7	36.9	14.0	0.0	4.6	1.8	-	7.9	-	5.5	-	-	-
10	-	9.5	8.6	14.5	16.1	0.0	2.8	4.9	-	0.0	-	5.0	-	-	-
11	-	6.1	0.0	0.9	12.0	0.1	1.0	9.4	-	20.7	-	0.0	-	-	-
12	-	0.0	3.3	0.0	0.0	1.2	0.0	0.0	-	0.0	-	1.5	-	-	-
13	-	0.0	0.0	0.0	0.0	0.1	0.1	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	-	-	-
15	-	0.0	0.0	2.8	0.0	0.2	0.0	3.4	-	0.0	-	2.0	-	-	-
16	-	5.5	12.6	7.8	6.9	0.3	8.2	0.0	-	3.5	-	2.0	-	-	-
17	-	0.0	0.9	1.5	0.0	8.8	8.0	0.0	-	0.0	-	1.9	-	-	-
18	-	0.2	1.0	0.4	0.8	12.6	6.6	2.5	-	0.0	-	1.8	-	-	-
19	-	0.0	0.0	0.0	0.0	1.6	19.7	0.0	-	0.0	-	2.0	-	-	-
20	-	0.0	0.0	1.2	0.0	12.5	30.5	0.0	-	0.0	-	7.6	-	-	-
21	-	0.0	0.0	2.4	0.0	20.5	28.0	0.0	-	0.0	-	4.5	-	-	-
22	-	0.0	0.0	0.1	0.0	16.5	0.3	0.0	-	0.0	-	11.2	-	-	-
23	-	0.0	0.0	0.0	0.0	3.4	1.2	0.0	-	0.0	-	1.5	-	-	-
24	-	1.0	1.5	3.9	0.0	13.8	1.4	0.0	-	1.5	-	2.8	-	-	-
25	-	0.6	5.0	21.4	0.0	16.2	13.5	3.3	-	0.0	-	16.1	-	-	-
26	-	2.6	5.2	15.5	8.0	8.6	4.1	0.9	-	0.0	-	8.5	-	-	-
27	-	4.2	3.1	13.0	7.6	0.0	1.2	0.0	-	0.0	-	12.0	-	-	-
28	-	2.4	5.9	30.1	6.3	23.2	4.7	2.5	-	0.0	-	8.6	-	-	-
29	-	21.5	13.5	10.6	30.1	25.7	0.6	0.0	-	0.0	-	14.2	-	-	-
30	-	0.0	1.6	2.4	0.0	9.1	0.0	2.6	-	0.0	-	2.5	-	-	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

NOVEMBER 76

SODIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 30
1	-
2	-
3	-
4	-
5	-
6	0.1
7	0.1
8	0.1
9	0.1
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-
18	-
19	0.2
20	0.3
21	-
22	-
23	-
24	-
25	0.1
26	-
27	-
28	0.1
29	0.1
30	0.2

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	N 30
1	0.11	0.11	0.45	0.02	0.03	-	-	0.01	-	0.03	0.50	0.08	-	0.02	0.02	-
2	0.40	0.17	1.20	0.14	0.18	-	-	-	0.07	-	0.23	0.29	-	0.11	0.10	-
3	0.15	0.12	0.12	0.05	0.04	-	0.07	0.02	0.04	0.03	0.22	0.03	0.04	0.06	0.03	-
4	0.00	0.09	0.26	0.05	0.03	-	-	0.01	0.03	0.03	0.12	0.09	0.04	0.02	-	-
5	0.00	0.15	1.75	0.12	0.11	0.04	0.07	0.04	0.15	0.05	0.95	0.49	0.04	0.11	0.06	-
6	0.00	0.56	1.23	0.08	0.32	-	0.11	-	0.30	0.07	0.35	-	0.04	0.30	-	0.04
7	0.00	0.03	0.12	0.08	0.00	-	0.02	-	0.06	0.02	0.29	0.18	0.05	0.01	0.01	0.01
8	0.00	-	0.22	0.03	0.07	-	0.02	0.06	0.12	-	-	-	0.09	0.06	0.37	0.01
9	0.00	0.08	0.33	0.03	0.02	-	0.02	0.03	0.09	0.05	-	0.04	0.04	0.03	0.05	0.01
10	0.00	0.06	0.06	0.02	0.02	-	0.05	0.08	0.03	-	0.15	0.10	-	0.03	0.03	-
11	0.00	0.06	-	0.10	0.01	-	0.11	0.02	0.02	0.02	0.13	-	0.06	0.01	0.02	-
12	-	-	0.03	-	-	0.07	-	-	0.06	-	-	-	0.04	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	0.06	-	-	-	0.04	-	-	-	0.13	-	-	0.03	-
16	0.04	0.04	0.08	0.01	0.03	-	0.36	-	0.03	0.01	-	0.37	-	0.01	0.02	-
17	-	-	0.23	0.05	-	0.21	0.28	-	-	-	0.19	0.18	-	-	0.04	-
18	-	-	0.35	-	0.07	0.08	0.28	0.05	-	-	-	0.40	0.92	-	-	-
19	-	-	-	-	-	0.22	0.02	-	-	-	-	1.68	-	-	-	0.03
20	-	-	-	0.19	-	0.16	0.25	-	-	-	-	0.46	0.20	-	-	0.04
21	-	-	-	0.49	-	0.12	0.91	-	-	-	-	1.65	1.46	-	0.20	-
22	-	-	-	0.79	-	0.04	-	-	-	-	-	2.19	0.73	-	-	-
23	-	-	-	-	-	0.18	0.16	-	-	-	-	-	0.33	-	-	-
24	0.22	0.07	0.63	0.04	-	0.03	0.19	-	-	0.04	-	0.55	0.23	-	0.06	-
25	-	-	1.18	0.08	-	0.04	0.43	0.05	0.11	-	0.73	0.28	0.59	-	0.02	0.02
26	0.04	0.04	1.14	0.08	0.01	0.08	0.13	0.06	-	-	-	0.74	0.18	-	-	-
27	0.17	0.03	0.75	0.12	0.09	-	-	-	-	-	0.14	0.29	0.68	-	0.15	-
28	0.27	0.46	8.20	0.72	0.16	0.18	0.03	0.10	0.14	-	2.25	1.92	-	0.20	0.55	0.01
29	0.39	0.04	1.90	0.72	0.09	0.07	0.15	-	0.12	-	1.42	1.01	0.37	0.03	0.38	0.01
30	-	-	3.20	0.19	-	0.15	-	0.08	-	-	-	1.04	-	-	-	0.01

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

NOVEMBER 76

CHLORIDE IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 30
1	-
2	-
3	-
4	-
5	-
6	-
7	0.13
8	0.13
9	0.13
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-
18	-
19	0.40
20	0.60
21	-
22	-
23	-
24	-
25	0.35
26	-
27	-
28	0.13
29	0.13
30	0.60

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	N 30
1	3.2	2.6	3.1	1.2	2.0	-	-	1.5	-	2.0	5.7	1.0	-	1.3	1.3	-
2	2.3	2.6	1.7	0.9	2.0	-	-	-	3.6	-	2.8	1.9	-	1.4	2.0	-
3	3.6	3.2	2.1	1.1	2.2	-	-	3.1	3.7	1.9	3.9	1.1	3.4	2.3	1.9	-
4	7.5	5.4	11.5	5.1	2.9	-	3.7	1.8	3.1	2.6	3.9	1.8	3.4	2.8	-	-
5	3.0	3.6	2.4	1.4	1.6	1.6	2.3	2.2	3.9	2.4	2.2	0.8	3.4	2.8	1.8	-
6	9.0	7.1	15.4	3.0	8.8	-	1.0	-	8.2	7.4	6.8	-	3.4	9.1	-	1.0
7	4.2	4.9	4.1	3.1	3.0	-	1.9	1.3	7.8	1.3	7.3	2.9	1.8	2.8	1.0	0.7
8	3.0	-	3.6	1.3	2.9	-	4.2	7.2	6.8	-	-	-	2.8	3.0	-	1.3
9	3.0	4.3	3.2	1.0	2.5	-	1.6	2.8	4.3	3.8	-	1.6	3.4	2.9	2.3	0.3
10	2.7	2.9	2.7	3.0	2.5	-	2.6	4.8	1.7	-	4.5	-	-	2.2	1.6	-
11	3.9	5.4	-	0.4	2.4	-	-	0.9	2.7	1.9	5.6	-	4.5	3.4	2.2	-
12	-	-	1.7	-	-	3.2	-	-	1.7	-	-	-	1.7	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	1.1	-	-	-	1.7	-	-	-	2.0	-	-	1.4	-
16	1.6	0.4	2.2	1.5	1.3	-	0.4	-	1.3	0.6	-	3.0	-	0.9	0.7	-
17	-	-	6.7	4.5	-	2.3	0.5	-	-	-	2.9	6.4	-	-	-	-
18	-	-	12.0	7.6	11.9	1.3	0.5	1.7	-	-	-	-	0.8	-	-	-
19	-	-	-	-	-	4.2	0.1	-	-	-	-	-	-	-	-	0.2
20	-	-	-	1.4	-	0.4	0.1	-	-	-	-	0.8	0.3	-	-	0.4
21	-	-	-	0.5	-	0.3	0.1	-	-	-	-	-	1.2	-	0.6	-
22	-	-	-	-	-	0.2	-	-	-	-	-	1.0	1.2	-	-	-
23	-	-	-	-	-	0.2	0.4	-	-	-	-	-	0.8	-	-	-
24	7.6	-	1.2	0.5	-	0.2	1.7	-	-	0.5	-	1.9	1.3	-	1.1	-
25	-	-	0.8	1.2	-	0.5	0.6	0.8	2.9	-	5.1	1.4	2.7	-	0.3	0.3
26	1.0	0.5	1.2	0.7	0.3	0.4	0.5	1.4	-	-	-	1.6	1.3	-	-	-
27	1.4	0.7	1.3	1.1	0.7	-	1.0	-	-	-	1.2	2.1	-	-	1.5	-
28	1.5	3.2	3.3	1.0	1.0	0.5	0.4	8.8	2.9	-	2.8	3.8	3.6	1.1	1.6	0.6
29	1.3	1.0	0.7	0.9	0.6	0.2	-	-	0.9	-	1.7	0.9	1.6	0.2	0.4	0.3
30	-	-	6.7	0.8	-	0.1	-	10.0	-	-	-	0.5	-	-	-	0.9

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

NOVEMBER 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27	N 30
1	0.94	0.30	0.22	0.37	-	0.21	0.29	-
2	0.62	0.11	0.32	-	0.65	0.30	0.32	-
3	1.10	0.36	0.45	0.35	0.96	0.58	0.47	-
4	-	0.81	0.53	0.22	0.40	0.83	-	-
5	-	0.15	0.36	0.84	1.06	0.87	0.24	-
6	-	0.64	2.37	-	1.80	2.10	-	-
7	-	0.72	0.27	0.33	0.89	0.35	0.13	0.03
8	-	0.29	0.58	0.81	1.26	0.53	-	0.03
9	-	0.28	0.79	0.79	0.92	0.78	0.54	0.03
10	-	0.38	0.58	0.94	0.39	0.77	0.68	-
11	-	0.72	0.88	0.16	0.57	1.02	0.71	-
12	-	-	-	-	0.55	-	-	-
13	-	-	-	-	-	0.00	-	-
14	-	-	-	-	-	-	-	-
15	-	0.37	-	0.28	-	-	0.38	-
16	0.41	0.10	0.32	-	0.39	0.31	0.20	-
17	-	1.15	-	-	-	-	-	-
18	-	-	2.48	0.54	-	-	-	-
19	-	-	-	-	-	-	-	0.03
20	-	0.19	-	-	-	-	-	0.06
21	-	0.09	-	-	-	-	0.07	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	1.60	0.04	-	-	-	-	0.21	-
25	-	0.09	-	0.12	0.39	-	0.03	0.06
26	0.24	0.05	0.07	0.23	-	-	-	-
27	0.31	0.16	0.15	-	-	-	0.20	-
28	0.21	0.07	0.09	0.32	0.29	0.20	0.16	0.11
29	0.30	0.10	0.07	-	0.36	0.11	0.11	0.05
30	-	0.05	-	0.03	-	-	-	0.25

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27	N 30
1	0.76	0.08	0.12	0.15	-	0.13	0.21	-
2	0.55	0.04	0.23	-	0.57	0.20	0.43	-
3	0.80	0.09	0.21	0.09	0.39	0.28	0.18	-
4	-	1.19	0.27	0.05	0.50	0.36	-	-
5	-	0.08	0.27	0.04	0.77	0.60	0.14	-
6	-	0.97	1.55	-	1.82	1.10	-	-
7	-	0.98	0.22	0.26	1.29	0.29	0.15	0.04
8	-	0.22	0.54	0.96	1.53	0.35	-	0.04
9	-	0.23	0.37	0.37	0.76	0.28	1.32	0.04
10	-	0.11	0.24	1.15	0.11	0.30	0.54	-
11	-	1.02	0.19	0.04	0.45	0.34	0.36	-
12	-	-	-	-	0.56	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	0.21	-	0.34	-	-	1.33	-
16	0.18	0.10	0.17	-	0.09	0.19	0.35	-
17	-	0.77	-	-	-	-	-	-
18	-	-	2.17	0.68	-	-	-	-
19	-	-	-	-	-	-	-	0.04
20	-	0.65	-	-	-	-	-	0.04
21	-	0.29	-	-	-	-	0.33	-
22	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-
24	1.00	0.04	-	-	-	-	0.96	-
25	-	0.07	-	0.15	0.42	-	0.07	0.04
26	0.16	0.07	0.04	0.21	-	-	-	-
27	0.15	0.10	0.04	-	-	-	0.32	-
28	0.12	0.06	0.04	0.33	0.28	0.05	0.43	0.04
29	0.16	0.09	0.04	-	0.07	0.07	0.14	0.04
30	-	0.04	-	0.04	-	-	-	0.04

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

NOVEMBER 76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26	N 30
1	0.12	0.07	0.04	-
2	0.18	0.12	0.08	-
3	0.15	0.05	0.06	-
4	-	0.05	0.04	-
5	-	0.06	0.07	-
6	-	0.27	0.30	0.42
7	-	0.05	0.04	0.05
8	-	0.09	0.07	0.02
9	-	0.11	0.05	0.01
10	-	0.09	0.05	-
11	-	0.06	0.04	-
12	-	-	-	-
13	-	-	-	-
14	-	-	-	-
15	-	-	-	-
16	0.05	0.06	0.02	-
17	-	-	-	-
18	-	-	-	-
19	-	-	-	0.08
20	-	-	-	0.16
21	-	-	-	-
22	-	-	-	-
23	-	-	-	-
24	0.37	-	-	-
25	-	-	-	0.07
26	0.04	0.01	-	-
27	0.11	0.05	-	-
28	0.09	0.09	0.07	0.07
29	0.12	0.08	0.02	0.06
30	-	-	-	0.09

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	N 30
1	108	118	60	17	73	0	-	12	0	3	49	6	15	2	-
2	17	54	13	18	26	0	-	0	29	0	17	13	22	4	-
3	74	68	29	15	85	0	0	34	19	37	43	5	40	11	-
4	74	43	13	14	37	0	1	13	15	53	43	6	28	0	-
5	55	34	29	39	20	10	3	5	16	12	14	11	27	10	-
6	26	25	26	12	41	0	5	0	16	55	30	0	17	0	1
7	39	53	7	6	31	0	13	7	40	15	43	9	37	9	2
8	17	0	26	2	8	0	8	20	13	0	0	0	3	-	9
9	32	81	60	36	35	0	7	5	16	31	0	10	44	7	2
10	37	28	20	45	42	0	7	23	17	0	71	-	17	11	-
11	29	33	0	0	29	0	-	8	36	41	50	0	20	18	-
12	0	0	5	0	0	3	0	0	2	0	0	-	0	0	-
13	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	-
15	0	0	0	3	0	0	0	5	0	0	0	3	0	3	-
16	17	2	28	12	8	0	4	0	4	2	0	3	5	3	-
17	0	0	6	8	0	19	4	0	0	0	10	6	0	-	-
18	0	0	9	3	11	16	3	4	0	0	0	-	0	0	-
19	0	0	0	0	0	4	2	0	0	0	0	-	0	0	0
20	0	0	0	2	0	5	2	0	0	0	0	5	0	0	1
21	0	0	0	1	0	7	1	0	0	0	0	-	0	1	-
22	0	0	0	-	0	4	-	0	0	0	0	11	0	0	-
23	0	0	0	0	0	1	0	0	0	0	0	-	0	0	-
24	9	-	2	2	0	3	2	0	0	1	0	4	0	1	-
25	0	-	3	27	0	9	8	2	11	0	8	20	0	1	0
26	12	1	7	11	2	3	2	1	0	0	0	11	0	0	-
27	8	3	4	15	5	0	1	0	0	0	11	29	0	2	-
28	21	7	15	32	7	12	2	21	35	0	6	33	7	9	1
29	29	22	9	10	17	4	-	0	5	0	25	11	3	1	1
30	0	0	9	2	0	1	0	24	0	0	0	1	0	0	1

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

NOVEMBER 76

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	N 30
1	3342	1439	867	569	1259	0	-	281	0	46	963	209	372	34	-
2	366	306	258	617	509	0	-	0	647	0	521	278	535	20	-
3	2069	1194	466	622	1969	0	0	698	578	682	902	92	1119	266	-
4	789	637	229	48	802	0	11	283	264	1125	624	128	878	0	-
5	1464	471	879	676	519	210	67	158	420	273	420	226	878	105	-
6	688	438	337	132	929	0	99	0	344	834	258	0	470	0	20
7	517	606	58	46	509	0	280	41	516	269	480	117	822	70	-
8	321	0	363	26	120	0	90	241	214	0	0	0	69	-	200
9	525	1045	838	1143	882	0	106	77	306	737	0	199	1870	-	-
10	862	493	520	382	1010	0	90	188	345	0	1114	189	637	252	-
11	732	618	0	-	1094	0	-	128	949	960	758	0	728	517	-
12	0	0	143	0	0	27	0	0	29	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	0	0	0	0	0	0	0	0	0	-
15	0	0	0	65	0	0	0	-19	0	0	0	46	0	-	-
16	557	113	441	76	260	0	33	0	109	75	0	36	103	-	-
17	0	0	111	118	0	-120	-32	0	0	0	116	119	0	-	-
18	0	0	241	32	201	86	-79	-	0	0	0	-	0	0	-
19	0	0	0	0	0	-	-39	0	0	0	0	-	0	0	-
20	0	0	0	-	0	-258	92	0	0	0	0	53	0	0	-
21	0	0	0	-	0	-943	0	0	0	0	0	-	0	-	-
22	0	0	0	-	0	-544	-	0	0	0	0	-	0	0	-
23	0	0	0	0	0	-826	-	0	0	0	0	-	0	0	-
24	156	14	-	-21	0	-165	-	0	0	-	0	-	0	-	-
25	0	-	19	246	0	-1334	0	-	-329	0	-	-	0	-7	-
26	178	-	192	47	-7	-87	25	-	0	0	0	28	0	0	-
27	102	-	86	368	77	0	-	0	0	0	236	452	0	21	-
28	465	21	183	856	103	23	23	-	416	0	114	120	224	112	-
29	710	-	50	33	90	-743	-	0	-64	0	922	-38	131	-	-
30	0	0	15	-	0	-196	0	-	0	0	0	-	0	0	22

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	3.2	1.2	3.2	1.7	1.6
2	1.7	1.2	5.1	1.0	0.8
3	3.0	1.4	6.5	0.9	0.9
4	4.5	2.1	5.6	0.6	1.0
5	2.4	1.1	4.5	3.2	1.7
6	9.1	5.6	9.0	0.9	5.2
7	1.1	1.0	5.0	0.7	1.1
8	1.5	2.1	8.0	0.5	1.5
9	4.4	0.7	0.0	0.6	2.2
10	2.8	1.8	5.8	1.5	1.6
11	1.9	1.5	6.4	1.0	0.9
12	2.0	3.2	3.0	0.3	1.3
13	1.9	4.9	2.5	0.7	0.2
14	2.4	2.8	2.1	0.3	2.3
15	2.4	2.5	0.9	2.3	2.0
16	2.4	1.8	7.1	1.2	2.0
17	1.8	3.5	5.9	0.7	0.8
18	2.3	2.7	7.1	-	1.6
19	0.7	1.8	3.0	-	0.2
20	0.8	0.6	8.3	-	0.4
21	0.4	0.5	0.5	0.3	0.3
22	0.3	0.3	0.3	-	0.1
23	0.3	0.2	0.8	0.2	0.2
24	0.5	0.4	0.9	0.2	0.2
25	0.6	0.4	2.2	0.4	0.2
26	1.1	0.7	2.4	0.2	0.5
27	0.3	0.5	2.3	0.1	0.4
28	1.4	1.4	2.9	0.1	1.3
29	0.7	0.7	1.6	0.0	0.6
30	0.2	0.3	1.6	0.4	0.8

NORWEGIAN INSTITUTE FOR AIR RESEARCH

NORWEGIAN BACKGROUND STATIONS

MONTHLY SUMMARY OF RESULTS - DECEMBER 1976

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	PA	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
16	N 30	JERGUL	PA	69 24 N	24 36 E	255
17	N 31	BØRSELV	P	70 19 N	25 33 E	10

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

DECEMBER 76

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 26	N 27	N 30	N 31
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	0.6	0.0
2	2.7	0.0	0.8	0.7	0.5	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	4.5	0.0
3	6.0	6.2	1.1	2.6	4.6	0.0	0.5	7.5	5.7	0.0	6.6	0.0	8.0	1.5	0.3	0.0
4	4.5	8.0	2.2	7.3	4.1	0.0	1.2	7.7	9.9	21.3	2.0	7.2	6.7	4.5	0.4	0.0
5	0.0	0.0	1.4	4.9	0.0	6.7	0.8	2.7	0.0	0.0	7.2	0.0	3.5	0.0	0.0	0.0
6	13.1	4.6	11.7	8.6	5.0	0.0	1.0	2.4	1.0	4.6	0.4	0.0	2.2	3.5	0.0	0.0
7	26.4	15.9	30.6	7.6	23.9	0.0	0.2	7.5	5.5	8.1	9.4	5.2	12.3	1.3	0.0	0.0
8	16.7	19.9	3.2	19.1	22.7	0.0	0.0	0.0	3.2	11.4	0.0	5.4	19.1	5.5	0.0	0.0
9	0.0	1.7	1.2	12.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	9.9	1.8	3.5	0.0	0.0
10	0.0	0.0	0.3	0.6	0.0	8.3	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	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	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	0.4	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	0.6
15	0.0	0.0	0.8	0.0	0.2	0.0	0.0	0.0	2.2	1.7	0.2	0.0	0.0	0.0	0.0	0.0
16	14.6	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.1	0.7	0.0	0.0
17	15.0	7.0	2.9	0.0	20.4	0.0	0.0	2.0	0.0	1.5	0.0	0.0	6.2	0.4	0.0	0.3
18	2.4	2.6	0.0	0.0	2.2	1.7	0.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	5.2	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.4	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.4
21	6.4	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3
22	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	1.8
23	0.0	0.0	0.0	0.0	0.0	1.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.3
24	0.0	0.0	0.0	0.0	0.0	2.9	3.2	2.7	0.0	0.0	0.0	3.7	0.0	0.0	0.0	6.7
25	0.0	0.0	0.0	0.6	0.0	2.2	0.0	1.8	0.0	0.0	0.0	0.3	0.0	0.0	0.1	3.3
26	0.0	0.0	1.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.7	0.2	0.2
27	2.2	0.6	1.3	1.3	0.0	3.0	1.5	0.0	3.6	3.6	0.0	0.0	0.0	0.4	0.0	0.0
28	0.0	0.0	2.5	1.5	0.5	3.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
29	1.8	1.0	0.4	6.3	1.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0
31	15.9	4.8	8.0	5.1	6.9	0.0	0.0	0.0	0.6	5.6	8.0	4.0	5.3	0.9	0.0	0.0

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 26	N 27	N 30	N 31
1	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	-	-
2	-	0.0	0.7	0.6	0.5	0.1	0.0	0.0	-	0.0	-	0.0	-	-	-	-
3	-	5.7	1.5	2.9	4.5	0.0	0.5	7.8	-	0.0	-	0.0	-	-	-	-
4	-	8.0	2.8	7.0	4.0	0.0	1.2	8.2	-	21.3	-	7.2	-	-	-	-
5	-	0.0	1.4	4.3	0.0	7.1	0.8	3.0	-	0.0	-	7.2	-	-	-	-
6	-	4.5	10.8	7.8	4.8	0.0	1.0	2.8	-	4.1	-	0.8	-	-	-	-
7	-	15.2	29.7	7.5	23.0	0.0	0.2	7.9	-	8.1	-	6.0	-	-	-	-
8	-	19.3	3.4	19.1	22.0	0.0	0.0	0.0	-	10.1	-	6.5	-	-	-	-
9	-	1.6	1.2	11.4	0.5	0.0	0.0	0.0	-	0.0	-	11.2	-	-	-	-
10	-	0.0	0.6	0.5	0.0	9.5	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	-	-	-	-
12	-	0.0	0.0	0.0	0.1	0.0	0.0	3.0	-	0.0	-	0.0	-	-	-	-
13	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2	-	0.0	-	-	-	-
14	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	-	-
15	-	0.0	0.9	0.0	0.2	0.0	0.0	0.0	-	1.8	-	0.0	-	-	-	-
16	-	0.1	0.1	0.0	0.6	0.0	0.0	0.0	-	1.9	-	0.0	-	-	-	-
17	-	6.7	2.9	0.0	19.0	0.0	0.0	2.0	-	1.2	-	0.0	-	-	-	-
18	-	1.5	0.0	0.0	2.0	1.8	0.1	0.0	-	1.1	-	0.0	-	-	-	-
19	-	0.0	0.0	0.0	0.0	6.4	4.5	1.5	-	0.0	-	0.0	-	-	-	-
20	-	0.0	0.2	0.0	0.0	0.0	9.1	0.0	-	0.0	-	0.0	-	-	-	-
21	-	0.0	0.0	0.0	0.1	0.0	1.1	0.0	-	0.0	-	0.0	-	-	-	-
22	-	0.0	0.0	0.0	0.0	0.0	4.5	0.0	-	0.0	-	0.0	-	-	-	-
23	-	0.0	0.0	0.0	0.0	1.2	9.2	0.0	-	0.0	-	0.0	-	-	-	-
24	-	0.0	0.0	0.0	0.0	3.6	3.2	2.8	-	0.0	-	4.6	-	-	-	-
25	-	0.0	0.3	0.7	0.0	2.2	0.0	2.1	-	0.0	-	0.6	-	-	-	-
26	-	0.0	0.9	2.4	0.0	0.0	0.0	0.0	-	0.0	-	7.0	-	-	-	-
27	-	0.7	2.3	1.2	0.0	3.8	1.5	0.0	-	3.0	-	0.0	-	-	-	-
28	-	0.0	2.0	1.3	0.5	3.6	0.0	0.0	-	0.0	-	1.4	-	-	-	-
29	-	0.9	0.5	6.0	1.0	15.9	0.0	0.0	-	0.0	-	0.0	-	-	-	-
30	-	0.0	0.0	0.0	0.0	2.0	0.0	3.0	-	0.0	-	1.2	-	-	-	-
31	-	5.0	8.0	4.9	6.6	0.4	0.0	0.0	-	5.3	-	4.0	-	-	-	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

DECEMBER 76

SODIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 30	N 31
1	0.9	-
2	0.1	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	3.1
21	0.7	-
22	-	3.1
23	-	4.5
24	-	3.5
25	-	2.6
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-

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	N 30	N 31
1	-	-	-	-	-	-	-	-	-	-	-	-	0.14	-	-	0.07	-
2	0.07	-	0.70	0.16	0.22	-	-	-	-	-	0.26	-	-	-	-	0.01	-
3	0.02	0.03	0.30	0.05	0.03	-	0.13	0.01	0.05	-	0.15	-	0.08	0.01	0.04	-	-
4	0.02	0.08	0.19	0.01	0.05	-	0.08	0.02	0.02	0.04	1.34	0.36	-	0.02	0.08	-	-
5	-	-	-	0.58	-	0.08	0.08	0.05	0.05	-	-	1.74	0.09	-	0.08	-	-
6	0.49	0.61	1.85	0.57	0.65	-	0.09	0.07	0.43	0.12	-	-	0.08	0.68	0.08	-	-
7	0.16	0.24	0.46	0.15	0.19	-	-	0.02	0.11	0.05	0.74	-	0.04	0.20	0.08	-	-
8	0.00	0.25	1.20	0.07	0.07	-	-	-	0.38	0.06	-	-	0.04	0.09	0.08	-	-
9	-	0.05	-	0.22	0.03	-	-	-	-	-	-	-	-	-	0.01	-	-
10	-	-	-	0.28	-	0.02	-	-	-	-	-	-	0.06	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	0.04	-	-	-	-
12	-	-	-	-	-	-	-	0.03	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	0.11	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	0.08	-	-	-	-	-	0.04	0.02	1.35	-	0.02	-	-	-	-
16	0.33	0.40	-	-	0.10	-	-	-	-	0.04	-	-	0.02	0.03	0.04	-	-
17	0.77	0.19	0.39	-	0.08	-	-	0.04	-	0.03	-	-	0.02	0.04	0.05	-	0.55
18	0.26	0.14	-	-	0.04	0.06	0.15	-	-	-	-	-	0.08	-	-	-	-
19	-	-	-	-	-	0.11	0.02	0.04	-	-	-	-	-	-	-	-	-
20	-	-	0.55	-	-	-	0.04	-	-	-	-	-	-	-	0.03	-	0.54
21	0.05	-	-	-	-	-	0.11	-	-	-	-	-	-	-	-	0.05	0.80
22	-	-	-	-	-	-	0.20	-	-	-	-	-	-	-	-	-	0.36
23	-	-	-	-	-	0.11	0.31	-	-	-	-	-	1.18	-	-	-	0.54
24	-	-	-	-	-	0.14	0.05	0.05	-	-	-	-	0.33	-	-	-	0.48
25	-	-	-	0.67	-	0.24	-	0.09	-	-	-	-	1.04	-	-	0.18	0.48
26	-	-	0.59	0.06	-	-	-	-	-	-	-	0.24	-	-	0.05	0.10	2.07
27	0.06	0.16	1.30	0.43	-	0.02	0.09	-	0.06	0.02	-	-	-	-	0.07	-	-
28	-	-	0.10	0.09	0.10	0.08	-	-	-	-	-	0.28	-	-	-	-	-
29	0.36	0.10	1.00	0.02	0.35	0.04	-	-	-	-	-	-	-	-	0.10	-	-
30	-	-	-	-	-	-	-	0.09	1.03	-	-	1.65	-	-	-	-	-
31	0.37	0.38	1.72	0.29	0.22	-	-	-	0.13	0.32	0.98	1.49	-	0.66	0.30	-	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

DECEMBER 76

CHLORIDE IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 30	N 31
1	1.65	-
2	0.13	-
3	10.00	-
4	5.15	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	1.65	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	1.95	-
22	-	5.35
23	5.00	7.50
24	-	6.25
25	-	4.80
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-

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	N 30	N 31
1	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-	-	2.9	-
2	2.9	-	2.6	2.1	-	-	-	-	-	-	2.9	-	-	-	-	1.2	-
3	1.5	5.5	1.2	0.5	0.8	-	0.0	1.5	0.5	-	1.8	-	1.9	0.4	0.5	-	-
4	1.3	1.5	1.1	0.6	1.5	-	-	2.7	0.6	0.5	4.3	0.7	-	1.2	1.0	-	-
5	-	-	37.8	1.5	-	0.6	2.2	3.9	1.2	-	-	1.0	2.5	-	1.0	-	-
6	5.0	3.4	0.0	2.1	5.2	-	1.3	4.1	2.4	3.9	-	-	15.9	5.3	1.0	-	-
7	0.9	2.8	1.4	2.1	2.6	-	-	1.6	2.3	3.2	2.5	-	11.6	2.3	1.0	-	-
8	2.1	4.3	2.0	2.7	3.0	-	-	-	4.6	4.5	-	-	6.1	3.6	1.0	-	-
9	-	2.3	15.0	0.6	2.6	-	-	-	-	-	-	-	-	-	0.6	-	-
10	-	-	-	1.4	-	0.9	-	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-
12	-	-	-	-	-	-	-	1.7	-	-	-	-	5.6	-	-	3.6	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2
15	-	-	0.3	-	-	-	-	-	2.0	2.2	-	-	8.5	-	-	-	-
16	4.6	7.9	-	-	-	8.6	-	-	-	1.7	-	-	8.5	3.5	3.1	-	-
17	5.6	6.7	3.8	-	3.1	-	-	2.0	-	1.7	-	-	8.5	2.9	2.9	-	-
18	3.7	3.3	-	-	3.5	2.1	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	2.0	0.6	1.6	-	-	-	-	-	-	-	-	-
20	-	-	6.2	-	-	-	0.5	-	-	-	-	-	-	-	1.9	1.5	3.5
21	2.3	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-	0.8	-
22	-	-	-	-	-	-	2.1	-	-	-	-	-	-	-	-	-	1.9
23	-	-	-	-	-	2.8	0.9	-	-	-	-	-	2.3	-	-	1.0	1.1
24	-	-	-	-	1.1	0.2	1.5	-	-	-	-	-	1.0	-	-	-	0.5
25	-	-	-	4.0	-	1.3	-	2.4	-	-	-	-	27.8	-	-	-	0.5
26	-	-	2.2	0.8	-	-	-	-	-	-	-	0.8	-	-	1.1	0.5	1.4
27	0.9	7.5	1.3	1.7	-	0.4	0.7	-	2.1	0.4	-	-	-	-	1.7	-	-
28	-	-	0.5	1.9	1.7	0.3	-	-	-	-	-	0.8	-	-	-	-	-
29	1.3	2.5	2.4	0.6	2.6	0.4	-	-	-	-	-	-	-	-	0.5	-	-
30	-	-	-	-	-	-	-	2.2	8.8	-	-	3.2	-	-	-	-	-
31	2.7	3.6	5.6	2.8	3.3	-	-	-	5.7	8.2	4.6	4.4	-	3.9	3.7	-	-

NORWEGIAN BACKGROUND STATIONS , FINAL DATA

DECEMBER 76

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	N 30	N 31
1	-	-	-	-	-	-	-	-	-	-	-	-	4.45	-	-	4.90	-
2	4.25	-	4.00	5.85	4.50	-	-	-	-	-	4.40	-	-	-	-	4.60	-
3	4.45	4.30	5.50	4.60	4.50	-	5.30	5.30	6.55	-	4.65	-	6.70	4.50	6.05	5.70	-
4	4.25	4.55	5.05	4.90	4.35	-	-	4.35	4.80	5.00	6.05	4.70	-	4.50	4.85	4.25	-
5	-	-	5.00	4.50	-	5.20	4.25	4.30	6.65	-	-	5.00	4.35	-	4.85	-	-
6	3.20	4.25	4.15	4.45	3.95	-	5.35	4.20	4.90	4.30	-	-	3.75	3.90	4.85	-	-
7	4.55	4.35	4.50	4.45	4.30	-	-	4.60	5.35	4.20	4.35	-	3.90	4.25	4.85	-	-
8	4.15	4.15	4.15	4.35	4.30	-	-	4.10	4.00	-	-	-	3.90	4.10	4.85	-	-
9	-	4.95	5.05	5.20	4.80	-	-	-	-	-	-	-	-	-	5.65	-	-
10	-	-	5.75	5.95	-	6.20	-	-	-	-	-	-	5.00	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	4.00	-	-	4.30	-
12	-	-	-	-	-	-	-	4.55	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.55
15	-	-	5.30	-	-	-	-	-	5.00	4.55	6.50	-	3.80	-	-	-	-
16	4.10	4.30	-	-	4.10	-	-	-	-	4.10	-	-	3.80	4.05	4.15	-	-
17	3.90	4.05	4.00	-	4.10	-	-	4.20	-	4.10	-	-	3.80	3.90	5.00	-	6.30
18	4.00	4.55	-	-	4.10	5.15	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	4.80	5.10	4.90	-	-	-	-	-	-	-	-	-
20	-	-	3.90	-	-	-	5.20	-	-	-	-	-	-	-	4.75	4.80	4.65
21	4.30	-	-	-	-	-	4.50	-	-	-	-	-	-	-	-	4.80	4.50
22	-	-	-	-	-	-	4.45	-	-	-	-	-	-	-	-	-	5.05
23	-	-	-	-	-	5.90	4.90	-	-	-	-	-	4.40	-	-	5.15	4.90
24	-	-	-	-	-	6.00	6.00	6.20	-	-	-	-	5.10	-	-	-	4.95
25	-	-	-	5.80	-	6.00	-	4.55	-	-	-	-	4.40	-	-	-	5.65
26	-	-	5.10	5.65	-	-	-	-	-	-	-	5.35	-	-	5.10	6.75	7.05
27	4.80	4.30	5.10	4.45	-	5.60	5.90	-	4.70	4.80	-	-	-	-	5.95	-	-
28	-	-	5.35	5.85	5.45	6.00	-	-	-	-	-	5.90	-	-	-	-	-
29	4.30	4.30	4.10	5.90	4.45	5.65	-	-	-	-	-	-	-	-	5.15	-	-
30	-	-	-	-	-	-	-	4.45	5.00	-	-	4.55	-	-	-	-	-
31	4.35	4.20	4.05	4.35	4.30	-	-	-	4.20	3.95	4.05	4.00	-	3.95	7.25	-	-

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	N 30	N 31
1	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	13	-
2	56	-	100	-	32	-	-	-	-	-	47	-	-	-	-	25	-
3	35	50	-	25	35	-	-	2	-83	-	30	-	-	35	-	-	-
4	56	34	-	26	45	-	-	45	-17	-2	-	19	-	37	14	56	-
5	-	-	-	47	-	0	56	50	-86	-	-	9	45	-	14	-	-
6	397	56	71	40	112	-	-	63	13	50	-	-	180	125	14	-	-
7	36	45	39	48	50	-	-	36	-1	63	72	-	125	70	14	-	-
8	-	71	71	55	50	-	-	-	80	100	-	-	125	99	14	-	-
9	-	11	-	3	16	-	-	-	-	-	-	-	-	-	-23	-	-
10	-	-	-	-	-	-73	-	-	-	-	-	-	10	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-	50	-
12	-	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	10	28	-	-	160	-	-	-	-
16	80	50	-	-	80	-	-	-	-	80	-	-	160	89	71	-	-
17	125	89	100	-	80	-	-	63	-	80	-	-	160	125	10	-	-
18	100	28	-	-	80	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	17	2	13	-	-	-	-	-	-	-	-	-
20	-	-	125	-	-	-	2	-	-	-	-	-	-	-	18	16	22
21	50	-	-	-	-	-	32	-	-	-	-	-	-	-	-	16	32
22	-	-	-	-	-	-	35	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	14	-	-	-	-	-	40	-	-	-	13
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
25	-	-	-	-	-	-	-	28	-	-	-	-	40	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
27	16	50	-	35	-	-	-	-	22	23	-	-	-	-	-	-	-
28	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	50	50	80	-	35	-60	-	-	-	-	-	-	-	-	6	-	-
30	-	-	-	-	-	-	-	28	10	-	-	28	-	-	-	-	-
31	45	63	89	55	50	-	-	-	63	112	113	100	-	112	-	-	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

DECEMBER 76

NITRATE IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27	N 30	N 31
1	-	-	-	-	-	-	-	0.34	-
2	0.62	0.56	0.70	-	-	-	-	0.19	-
3	0.34	0.38	0.37	0.11	0.16	0.48	0.16	0.71	-
4	0.60	0.28	0.48	0.58	0.24	0.30	0.25	0.53	-
5	-	0.46	-	0.53	0.30	-	0.25	-	-
6	9.00	0.48	1.58	0.85	0.85	1.50	0.25	-	-
7	0.37	0.44	0.51	0.40	0.48	0.65	0.25	-	-
8	-	0.41	0.77	-	1.52	1.15	0.25	-	-
9	-	0.03	0.49	-	-	-	0.09	-	-
10	-	0.04	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	0.40	-
12	-	-	-	0.50	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
15	-	-	-	-	0.40	-	-	-	-
16	0.85	-	1.58	-	-	1.10	1.22	-	-
17	1.50	-	0.92	1.06	-	1.50	-	-	-
18	1.34	-	1.01	-	-	-	-	-	-
19	-	-	-	0.23	-	-	-	-	-
20	-	-	-	-	-	-	0.88	-	0.99
21	0.52	-	-	-	-	-	-	0.19	-
22	-	-	-	-	-	-	-	-	0.24
23	-	-	-	-	-	-	-	0.03	0.07
24	-	-	-	0.22	-	-	-	-	0.07
25	-	0.87	-	0.87	-	-	-	-	0.03
26	-	0.18	-	-	-	-	0.18	-	-
27	0.29	0.46	-	-	0.64	-	0.44	-	-
28	-	0.50	-	-	-	-	-	-	-
29	0.48	0.09	0.68	-	-	-	0.21	-	-
30	-	-	-	0.88	1.46	-	-	-	-
31	0.70	0.74	0.82	-	0.90	1.11	-	-	-

AMMONIUM IN PRECIPITATION (MILLIGRAMS N PER LITER)

DATE	N 01	N 08	N 10	N 16	N 18	N 26	N 27	N 30	N 31
1	-	-	-	-	-	-	-	0.05	-
2	0.34	0.55	0.66	-	-	-	-	0.04	-
3	0.09	0.07	0.07	0.04	0.04	0.05	0.33	0.04	-
4	0.07	0.12	0.04	0.40	0.04	0.10	0.13	0.30	-
5	-	0.28	-	0.35	0.17	-	0.13	-	-
6	0.45	0.31	1.33	0.57	0.44	0.85	0.13	-	-
7	0.19	0.19	0.25	0.30	0.24	0.25	0.13	-	-
8	-	0.37	0.75	-	1.10	0.72	0.13	-	-
9	-	0.12	0.73	-	-	-	0.29	-	-
10	-	0.11	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	0.04	-
12	-	-	-	0.47	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-
15	-	-	-	-	0.33	-	-	-	-
16	0.75	-	1.68	-	-	0.75	0.70	-	-
17	0.90	-	0.52	0.41	-	0.60	-	-	-
18	0.52	-	0.40	-	-	-	-	-	-
19	-	-	-	0.03	-	-	-	-	-
20	-	-	-	-	-	-	0.71	-	1.14
21	0.17	-	-	-	-	-	-	0.04	-
22	-	-	-	-	-	-	-	-	0.40
23	-	-	-	-	-	-	-	0.04	0.04
24	-	-	-	0.40	-	-	-	-	0.13
25	-	1.51	-	0.66	-	-	-	-	0.18
26	-	0.19	-	-	-	-	0.28	-	-
27	0.24	0.32	-	-	0.62	-	0.98	-	-
28	-	0.89	-	-	-	-	-	-	-
29	0.18	0.27	0.58	-	-	-	0.24	-	-
30	-	-	-	0.54	1.47	-	-	-	-
31	0.61	0.74	0.73	-	0.60	0.82	-	-	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

DECEMBER 76

CALCIUM IN PRECIPITATION (MILLIGRAMS PER LITER)

DATE	N 01	N 10	N 26	N 30	N 31
1	-	-	-	0.71	-
2	0.11	-	-	0.08	-
3	0.08	0.05	0.02	-	-
4	0.05	0.09	0.03	-	-
5	-	-	-	-	-
6	0.33	0.36	0.36	-	-
7	0.06	0.11	0.09	-	-
8	-	0.07	0.07	-	-
9	-	-	-	-	-
10	-	-	-	-	-
11	-	-	-	-	-
12	-	-	-	-	-
13	-	-	-	-	-
14	-	-	-	-	-
15	-	-	-	-	-
16	0.22	-	0.12	-	-
17	0.38	0.15	0.08	-	-
18	0.28	0.09	-	-	-
19	-	-	-	-	-
20	-	-	-	-	1.50
21	0.10	-	-	0.30	-
22	-	-	-	-	0.30
23	-	-	-	-	0.36
24	-	-	-	-	0.27
25	-	-	-	-	0.38
26	-	-	-	-	-
27	0.11	-	-	-	-
28	-	-	-	-	-
29	0.29	0.21	-	-	-
30	-	-	-	-	-
31	0.29	0.25	0.34	-	-

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	N 30	N 31
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	-
2	8	0	2	1	-	0	0	0	0	0	9	0	0	0	5	-
3	9	34	1	1	4	0	0	11	3	0	12	0	3	1	-	-
4	6	12	2	4	6	0	-	20	6	11	9	5	8	5	-	-
5	0	0	53	7	0	4	2	11	3	0	0	7	0	4	-	-
6	65	15	0	18	26	0	1	10	2	18	-	0	12	4	-	-
7	23	45	44	16	62	0	-	12	13	26	24	-	28	1	-	-
8	35	85	6	52	68	0	0	0	15	52	0	-	68	6	-	-
9	0	4	18	7	2	0	0	0	0	0	0	-	-	2	-	-
10	0	0	-	1	0	7	0	0	0	0	0	0	0	0	-	-
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	-
12	0	0	0	0	0	0	0	5	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	0	0	0	0	0	0	0	0	0	-	7
15	0	0	0	0	-	0	0	0	4	4	-	0	0	0	-	-
16	67	3	0	0	7	0	0	0	0	4	0	0	7	2	-	-
17	84	47	11	0	64	0	0	4	0	3	0	0	18	1	-	-
18	9	9	0	0	8	4	-	0	0	-	0	0	0	0	-	-
19	0	0	0	0	0	11	3	2	0	0	0	0	0	0	-	-
20	0	0	3	0	0	0	5	0	0	0	0	0	0	1	0	2
21	15	0	0	0	0	0	3	0	0	0	0	0	0	0	1	-
22	0	0	0	0	0	0	10	0	0	0	0	0	0	0	-	4
23	0	0	0	0	0	3	8	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	3	1	4	0	0	0	-	0	0	-	3
25	0	0	0	2	0	3	0	4	0	0	0	-	0	0	-	2
26	0	0	2	2	0	0	0	0	0	0	0	6	0	1	0	0
27	2	5	2	2	0	1	1	0	8	1	0	0	0	1	-	-
28	0	0	1	3	1	1	0	0	0	0	0	1	0	0	-	-
29	2	2	1	4	2	6	0	0	0	0	0	0	0	2	-	-
30	0	0	0	0	0	-	0	7	4	0	0	1	0	0	-	-
31	43	17	44	14	23	0	0	0	4	46	36	18	21	3	-	-

NORWEGIAN BACKGROUND STATIONS ,FINAL DATA

DECEMBER 76

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	N 30	N 31
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	-
2	150	0	76	-	16	0	0	0	0	0	138	0	0	0	111	-
3	212	312	-	65	163	0	-	15	-476	0	199	0	279	-	-	-
4	250	271	-	189	183	0	-	347	-168	-43	-	137	247	63	21	-
5	0	0	-	230	0	0	45	137	-235	0	0	65	0	49	-	-
6	5181	257	827	344	556	0	-	152	13	229	-	0	279	49	-	-
7	951	716	1192	367	1194	0	-	272	-5	509	678	-	862	18	-	-
8	-	1410	231	1050	1136	0	0	0	260	1140	0	-	1891	77	-	-
9	0	19	-	38	10	0	0	0	0	0	0	-	-	-81	-	-
10	0	0	-	-	0	-609	0	0	0	0	0	0	0	0	-	-
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	-
12	0	0	0	0	0	0	0	107	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	0	0	0	0	0	0	0	0	0	-	-
15	0	0	-	0	-	0	0	0	22	47	-	0	0	0	-	-
16	1171	16	0	0	61	0	0	0	0	173	0	0	184	52	-	-
17	1870	623	290	0	1630	0	0	126	0	120	0	0	780	4	-	-
18	239	73	0	0	173	-	-	0	0	-	0	0	0	0	-	-
19	0	0	0	0	0	89	9	19	0	0	0	0	0	0	-	-
20	0	0	56	0	0	0	18	0	0	0	0	0	0	10	4	10
21	318	0	0	0	0	0	35	0	0	0	0	0	0	0	10	9
22	0	0	0	0	0	0	158	0	0	0	0	0	0	0	-	-
23	0	0	0	0	0	-	129	0	0	0	0	0	0	0	-	55
24	0	0	0	0	0	-	-	-	0	0	0	-	0	0	-	74
25	0	0	0	-	0	-	0	52	0	0	0	-	0	0	-	-
26	0	0	-	-	0	0	0	0	0	0	0	20	0	-	-	-
27	36	30	-	45	0	-	-	0	78	83	0	0	0	-	-	-
28	0	0	18	-	-	-	0	0	0	0	0	-	0	0	-	-
29	92	48	31	-	33	-953	0	0	0	0	0	0	0	17	-	-
30	0	0	0	0	0	-	0	84	4	0	0	11	0	0	-	-
31	716	301	711	280	347	0	0	0	40	627	899	401	599	-	-	-

SULPHATE COLLECTED ON FILTER (MICROGRAMS PER M3)

DATE	N 01	N 08	N 22	N 25	N 26
1	0.0	0.0	-	0.6	0.3
2	0.9	0.5	-	0.9	0.4
3	2.2	2.3	-	0.6	1.1
4	0.6	0.2	-	0.6	0.9
5	0.7	0.9	-	1.2	0.9
6	-	4.0	-	1.4	4.0
7	-	1.3	4.8	1.5	1.3
8	-	1.6	9.2	0.6	3.9
9	-	0.7	8.1	1.8	1.9
10	0.5	1.1	4.4	1.0	0.6
11	-	0.8	2.8	1.1	1.0
12	1.8	1.8	2.7	1.8	1.9
13	2.1	2.3	4.9	1.5	3.0
14	1.9	1.4	3.2	0.9	1.2
15	2.3	2.9	3.2	0.9	1.9
16	4.7	5.0	5.1	1.4	3.8
17	8.2	7.7	14.4	6.5	7.4
18	10.4	8.3	12.9	4.6	7.3
19	5.2	7.0	7.1	3.5	4.9
20	4.8	3.0	11.8	2.3	3.5
21	4.3	5.1	5.5	1.5	2.6
22	2.8	1.8	3.7	0.8	2.3
23	1.4	2.0	2.4	0.6	1.5
24	0.3	0.4	0.9	0.5	0.5
25	0.3	0.3	0.8	0.5	0.5
26	0.5	0.7	1.5	0.4	0.5
27	1.1	-	1.5	0.7	0.8
28	1.1	0.9	3.4	0.7	0.7
29	0.9	0.7	7.4	0.7	0.5
30	3.8	0.2	50.7	2.3	2.2
31	11.9	6.3	10.1	0.7	3.6