

Data Report 2000

Acidifying and eutrophying compounds Part 2: Monthly and seasonal summaries

Anne-Gunn Hjellbrekke

0.07	0.41	0.06	0.05	0.06	0.12	0.10	0.15	0.11	0.12	0.30	0.20
1.71	1.38	0.77	0.34	0.32	0.36	0.22	0.22	0.61	0.88	1.26	0.74
0.44	1.13	0.38	0.30	0.26	0.07	0.10	0.10	0.14	0.32	0.87	0.34
1.02	0.57	1.00	0.55	0.60	0.18	0.40	0.54	0.93	0.64	0.68	0.43
0.86	3.24	0.66	0.68	0.55	0.48	0.42	0.24	0.57	0.59	1.17	0.44
0.91	0.83	1.07	0.38	0.61	0.51	0.41	0.20	1.20	1.03	0.78	0.62
0.66	0.52	0.64	0.44	0.52	0.26	0.25	1.37	0.75	0.36	0.44	0.18
0.93	0.61	0.95	0.77	0.77	0.59	-	0.45	1.22	0.68	0.80	0.51
0.83	0.41	0.92	0.90	0.67	0.43	0.70	0.60	1.02	0.49	0.66	0.39
2.11	2.06	2.23	1.11	0.34	0.65	0.27	0.27	0.33	0.28	0.57	1.36
1.06	0.75	1.18	0.34	0.37	0.33	0.29	0.23	0.22	0.20	1.24	0.93
0.48	1.02	1.63	0.25	0.42	2.77	0.92	0.46	0.40	0.56	0.70	2.31
0.70	1.76	1.64	0.27	0.38	1.17	0.50	0.42	1.06	1.02	0.78	2.04
0.38	1.63	0.79	0.75	0.60	4.15	1.89	0.90	1.02	0.43	1.14	1.91
-	-	-	0.25	0.60	2.27	1.78	0.55	1.31	1.22	1.14	2.04
0.27	1.69	0.43	0.38	0.43	0.82	0.39	0.71	0.52	0.41	1.34	1.51
1.12	5.29	2.15	0.51	0.61	1.24	0.94	0.91	0.51	0.96	1.83	3.77
0.68	2.08	0.68	0.79	0.58	1.54	0.67	0.50	1.28	0.82	1.78	1.76
0.27	2.04	2.08	0.28	0.55	0.66	1.28	0.58	1.10	0.69	2.93	1.68
-	-	1.40	0.28	0.72	0.76	1.54	0.60	0.45	0.77	2.44	1.65
0.26	1.62	0.71	0.25	0.27	0.30	0.52	1.71	0.35	0.54	1.40	1.13
1.04	0.86	0.98	0.36	0.49	0.45	0.34	0.31	0.37	0.34	0.51	0.57
1.04	2.76	1.92	0.70	0.48	0.55	0.37	0.25	0.45	0.33	0.92	0.91
1.07	1.05	0.73	0.39	0.40	0.13	0.09	0.08	0.17	0.03	0.44	0.90
0.88	1.11	1.05	0.28	0.15	0.13	0.09	0.12	0.21	0.11	0.27	0.51
0.70	0.81	0.89	0.35	0.38	0.29	1.18	0.47	0.80	0.64	0.75	0.84
0.78	1.11	2.00	0.70	1.07	0.94	1.16	0.82	0.84	1.03	1.01	0.88
0.36	1.07	0.38	0.39	0.50	0.28	0.45	0.36	0.57	0.41	1.15	0.64
0.89	-	-	0.74	0.81	0.66	0.55	0.65	0.74	0.84	1.14	1.42
1.74	2.51	0.54	0.88	0.42	0.34	0.39	0.39	0.38	0.56	1.21	0.53
0.86	2.07	1.74	0.87	0.32	0.27	0.82	0.55	0.44	0.63	0.59	0.37
0.41	0.99	1.43	0.34	0.34	0.76	0.66	0.44	0.69	0.54	0.97	0.97
0.34	0.55	1.29	0.23	0.33	0.31	0.33	0.31	0.40	0.31	0.91	0.60
0.43	0.40	0.44	0.43	0.48	0.52	0.43	0.64	0.64	0.42	0.51	0.43
1.39	2.68	1.84	1.43	1.16	1.06	1.37	1.26	1.13	1.32	1.48	1.24
0.31	0.20	0.27	0.31	0.33	0.27	0.31	0.34	0.20	0.37	0.23	0.20
0.75	1.18	1.07	0.76	0.84	0.84	0.92	0.68	0.95	0.95	1.18	1.18
0.54	0.47	0.43	0.54	0.61	0.62	0.59	0.51	0.50	0.73	0.97	0.34
0.36	0.50	0.31	0.42	0.32	0.77	0.82	0.84	1.87	1.08	1.52	2.27
0.23	0.24	0.28	0.49	0.35	0.43	0.39	0.53	0.45	0.27	0.30	0.24
0.35	0.24	0.53	0.49	0.49	0.31	0.30	0.43	0.62	0.28	0.34	0.28
0.54	0.53	0.92	1.43	0.54	0.47	0.27	0.64	0.22	0.91	0.94	0.89

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**EMEP Co-operative Programme for Monitoring and Evaluation
of the Long-range Transmission of Air Pollutants
in Europe**

Data Report 2000
Acidifying and eutrophying compounds
Part 2: Monthly and seasonal summaries

Anne-Gunn Hjellbrekke



Norwegian Institute for Air Research
P.O. Box 100, N-2027 Kjeller, Norway

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Data Report 2000

Acidifying and eutrophying compounds

Part 2: Monthly and seasonal summaries

1. Introduction

Measurements of air quality in Europe have been carried out under the "Co-operative programme for monitoring and evaluation of the long-range transmission of air pollutants in Europe" (EMEP) since 1 October 1977. From the start, priority was given to sulphur dioxide and sulphate in air, and pH and sulphate in precipitation, gradually increasing to all main components in precipitation and ozone and nitrogen compounds in air. A few sites also measure VOC, POPs and heavy metals.

The EMEP data from 2000 for acidifying and eutrophying components in air and precipitation have been presented in two reports. Part 1, contained in this volume, gives the annual summaries. Part 2, contained in EMEP/CCC-Report 7/2002, gives the seasonal and monthly summaries of the data from 2000.

In total, precipitation data from 81 stations and air data from 104 stations are presented in this report. The total number of measurement sites in this report is 111.

The air and precipitation samples were analysed at the laboratories in the participating countries and the results have been forwarded to the Chemical Co-ordinating Centre (CCC) at the Norwegian Institute for Air Research (NILU).

2. The measurement network

The locations of the measurement sites, which have delivered data during 2000, are given in Table 1 and Figure 1. In addition to the network presented here, there are additionally sites with other types of measurements.

In some parts of Europe, the site density is low and highly unsatisfactory. There is a need for more sites especially in the Mediterranean region and in the eastern parts of Europe.

There are no data from Valentia Observatory this year due to technical problems at the laboratory. Three Spanish sites have been moved to new locations. NO₂ data from three Belgium sites have also been included in this report, as well as data on base cations from seven Norwegian sites and three Danish sites. Germany has changed to weekly wet-only sampling at all sites except Langenbrügge and Deuselbach, and these data have not been submitted to CCC.

For detailed information on sites and their surroundings please see descriptions at <http://www.nilu.no/NILUwebhtmlsider/ilab/EMEP/>.

Table 1: List of EMEP monitoring stations in operation in 2000.

Country	Station codes		Station name	Location		Height above sea (m)
	New	Old		Lat.	Long.	
Austria	AT0002R	AT2,A2	Illmitz	47°46'E	16°46'E	117
	AT0004R	AT4,A4	St. Koloman	47°39'N	13°12'E	851
	AT0005R	AT5	Vorhegg	46°40'N	12°58'E	1020
Belgium	BE0001R	B1	Offagne	49°52'N	5°12'E	430
	BE0032R	B32	Eupen	50°37'N	6°00'E	295
	BE0035R	-	Vezin	50°30'N	4°59'E	160
Czech Rep.	CZ0001R	CS1	Svratouch	49°44'N	16°02'E	737
	CZ0003R	CS3	Kosetice	49°35'N	15°05'E	534
Denmark	DK0003R	DK3	Tange	56°21'N	9°36'E	13
	DK0005R	DK5	Keldsnor	54°44'N	10°44'E	9
	DK0008R	DK8	Anholt	56°43'N	11°31'E	40
	DK0022R	-	Sepstrup Sande	55°05'N	9°36'E	60
Estonia	EE0009R	EE9,SU9	Lahemaa	59°30'N	25°54'E	32
	EE0011R	EE11,SU11	Vilsandi	58°23'N	21°49'E	6
Finland	FI0004R	FI4,SF4	Ähtari	62°33'N	24°13'E	162
	FI0009R	FI9,SF9	Utö	59°47'N	21°23'E	7
	FI0017R	FI17,SF17	Virolahti II	60°31'N	27°41'E	4
	FI0022R	FI22,SF22	Oulanka	66°19'N	29°24'E	310
	FI0037R	-	Ähtari II	62°35'N	24°11'E	180
France	FR0003R	FR3,F3	La Crouzille	45°50'N	1°16'E	497
	FR0005R	FR5,F5	La Hague	49°37'N	1°50'W	133
	FR0008R	FR8,F8	Donon	48°30'N	7°08'E	775
	FR0009R	FR9,F9	Revin	49°54'N	4°38'E	390
	FR0010R	FR10,F10	Morvan	47°16'N	4°05'E	620
	FR0012R	FR12,F12	Iraty	43°02'N	1°05'W	1300
	FR0013R	-	Peyrusse Vielle	47°22'N	0°06'E	236
	FR0014R	-	Montandon	47°11'N	6°30'E	746
Germany	DE0001R	DE1,D1	Westerland	54°55'N	8°18'E	12
	DE0002R	DE2,D2	Langenbrügge	52°48'N	10°45'E	74
	DE0003R	DE3,D3	Schauinsland	47°55'N	7°54'E	1205
	DE0004R	DE4,D4	Deuselbach	49°46'N	7°03'E	480
	DE0005R	DE5,D5	Brotjacklriegel	48°49'N	13°13'E	1016
	DE0007R	DE7,D2	Neuglobsow	53°09'N	13°02'E	62
	DE0008R	DE8,D8	Schmücke	50°39'N	10°46'E	937
	DE0009R	DE9	Zingst	54°26'N	12°44'E	1
Hungary	HU0002R	HU2,H1	K-pusztá	46°58'N	19°35'E	125
Iceland	IS0002R	IS2	Irafoss	64°05'N	21°01'W	61
Ireland	IE0002R	IE2,IR2	Turlough Hill	53°02'N	6°24'W	420
	IE0003R	IE3	The Burren	53°00'N	7°27'W	90
	IE0004R	IE4	Ridge of Capard	53°07'N	7°27'W	340
Italy	IT0001R	IT1,I1	Montelibretti	42°06'N	12°38'E	48
	IT0004R	IT4,I4	Ispra	45°48'N	8°38'E	209
Latvia	LV0010R	LV10,SU10	Rucava	56°13'N	21°13'E	18
	LV0016R	LV16	Zoseni	57°08'N	25°55'E	183
Lithuania	LT0015R	LT15,SU15	Preila	55°21'N	21°04'E	5
Netherlands	NL0009R	NL9	Kollumerwaard	53°20'N	6°17'E	0
	NL0010R	NL10	Vreedepeel	51°32'N	5°51'E	28
Norway	NO0001R	NO1,N1	Birkenes	58°23'N	8°15'E	190
	NO0008R	NO8,N8	Skreådalen	58°49'N	6°43'E	475
	NO0015R	NO15,N15	Tustervatn	65°50'N	13°55'E	439
	NO0039R	NO39,N39	Kårvatn	62°47'N	8°53'E	210
	NO0041R	NO41,N41	Osen	61°15'N	11°47'E	440
	NO0042G	NO42,N42	Spitsbergen, Zeppelinfjell	78°54'N	11°53'E	474

Table 1 cont.:

Country	Station codes		Station name	Location		Height above sea (m)
	New	Old		Lat.	Long.	
Norway cont.	NO0055R	NO55	Karasjok	69°28'N	25°13'E	333
	NO0099R	NO99	Lista	58°06'N	6°34'E	13
Poland	PL0002R	PL2	Jarczew	51°49'N	21°59'E	180
	PL0003R	PL3	Sniezka	50°44'N	15°44'E	1604
	PL0004R	PL4	Leba	54°45'N	17°32'E	2
	PL0005R	PL5	Diabla Gora	54°09'N	22°04'E	157
Portugal	PT0001R	PT1,P1	Braganca	41°49'N	6°46'W	691
	PT0003R	PT3,P3	V. d. Castelo	41°42'N	8°48'W	16
	PT0004R	PT4,P4	Monte Velho	38°05'N	8°48'W	43
Russian Federation	RU0001R	RU1,SU1	Janiskoski	68°56'N	28°51'E	118
	RU0013R	RU13,SU13	Pinega	64°42'N	43°24'E	28
	RU0016R	RU16	Shepeljovo	59°58'N	29°07'E	4
	RU0018R	-	Danki	54°54'N	37°48'E	150
Slovenia	SI0008R	SI8	Iskrba	45°34'N	14°52'E	520
Slovakia	SK0002R	SK2,CS2	Chopok	48°56'N	19°35'E	2008
	SK0004R	SK4	Stará Lesná	49°09'N	20°17'E	808
	SK0005R	SK5	Liesek	49°22'N	19°41'E	892
	SK0006R	SK6	Starina	49°03'N	22°16'E	345
Spain	ES0001R	ES1,E1	San Pablo	39°33'N	4°21'W	917
	ES0003R	ES3,E3	Roquetas	40°49'N	0°30'W	50
	ES0004R	ES4,E4	Logrono	42°27'N	2°30'W	445
	ES0005R	ES5	Noya	42°44'N	8°55'W	685
	ES0006R	ES6	Mahon	39°52'N	4°19'E	78
	ES0007R	ES7	Viznar	37°14'N	3°32'W	1265
	ES0008R	-	Niembro	43°27'N	4°51'W	134
	ES0009R	-	Campisabolos	41°17'N	3°9'W	1360
	ES0010R	-	Cabo de Creus	42°19'N	3°19'E	23
	ES0011R	-	Barcarrola	38°29'N	6°55'W	393
	ES0012R	-	Zarra	39°5'N	1°6'W	885
	ES0013R	-	Penausende	41°17'N	5°52'W	985
	ES0014R	-	Els Torms	41°24'N	0°43'E	470
	ES0015R	-	Risco Llano	39°31'N	4°21'W	1241
Sweden	SE0002R	SE2,S2	Rörvik	57°25'N	11°56'E	10
	SE0005R	SE5,S5	Bredkälen	63°51'N	15°20'E	404
	SE0008R	SE8,S8	Hoburg	56°55'N	18°09'E	58
	SE0011R	SE11,S11	Vavihill	56°01'N	13°09'E	172
	SE0012R	SE12,S12	Aspvreten	58°48'N	17°23'E	20
Switzerland	CH0001G	CH1	Jungfrauoch	46°33'N	7°59'E	3573
	CH0002R	CH2	Payerne	46°48'N	6°57'E	510
	CH0003R	CH3,CH32	Tänikon	47°29'N	8°54'E	540
	CH0004R	CH4	Chaumont	47°03'N	6°59'E	1130
	CH0005R	CH5	Rigi	47°04'N	8°28'E	1030
Turkey	TR0001R	TR1	Cubuk II	40°30'N	33°00'E	1169
United Kingdom	GB0002R	GB2,UK2	Eskdalemuir	55°19'N	3°12'W	243
	GB0004R	GB4UK4	Stoke Ferry	52°34'N	0°30'E	15
	GB0006R	GB6,UK6	Lough Navar	54°26'N	7°54'W	126
	GB0007R	GB7,UK7	Barcombe Mills	50°52'N	0°02'W	8
	GB0013R	GB13,UK13	Yarner Wood	50°36'N	3°43'W	119
	GB0014R	GB14,UK14	High Muffles	54°20'N	0°48'W	267
	GB0015R	GB15,UK15	Strath Vaich Dam	57°44'N	4°46'W	270
	GB0016R	GB16,UK16	Glen Dye	56°58'N	2°25'W	85
	GB0036R	GB36	Harwell	51°34'N	1°18'W	137
	GB0037R	GB37	Ladybower	53°23'N	1°45'W	420
	GB0038R	GB38	Lullington Heath	50°47'N	0°10'W	120

Table 1 cont.:

Country	Station codes		Station name	Location		Height above sea (m)
	New	Old		Lat.	Long.	
United Kingdom cont.	GB0043R	GB43	Narberth	51°14'N	4°42'W	160
	GB0045R	GB45	Wicken Fen	52°18'N	0°18'W	5
Yugoslavia	YU0005R	YU5	Kamenicki vis	43°24'N	21°57'E	813
	YU0008R	YU8	Zabljak	43°09'N	19°08'E	1450

3. Site codes

The site codes used in this report are the codes used for data submission and storage in the EMEP database. The codes consist of the two-letter ISO code for the countries, a four-digit number and a letter indicating the type of station, regional (R) or global (G). The station numbers have been retained from previous codes used.

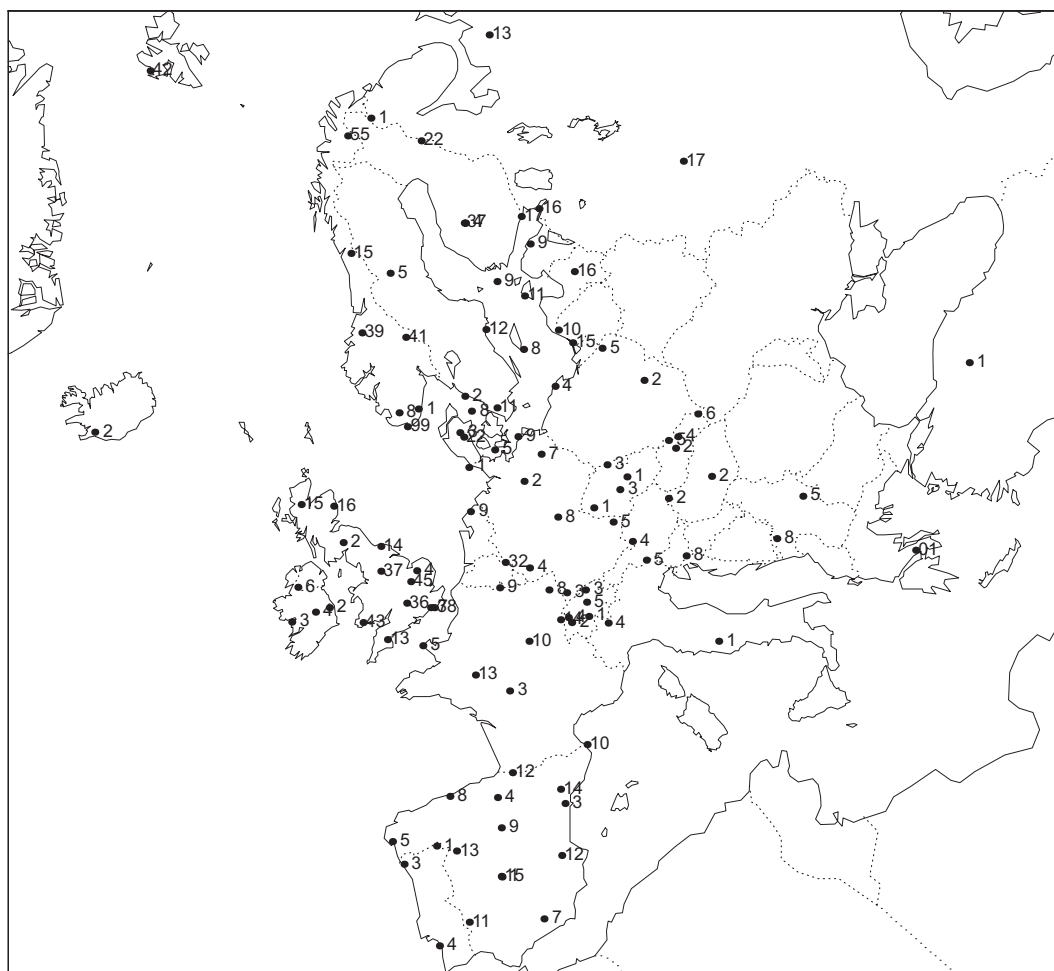


Figure 1: Location of the EMEP monitoring stations in operation in 2000. Sites with ozone/VOC measurements only are not included.

4. The measurement programme during 2000

EMEP's measurement programme during 2000 is presented in Table 2. Many sites had however, even during 2000, a less extensive measurement programme, as can be seen from the data tables in this report. Most sites measure air as well as precipitation components. However, some sites perform either the one or the other type of measurements.

Table 2: EMEP's measurement programme 2000.

	Components	Measurement period	Measurement frequency
Gas	SO ₂ , NO ₂	24 hours	daily
	O ₃	hourly means stored	continuously
	Light hydrocarbons C ₂ -C ₇	10-15 mins	twice weekly
	Ketones and aldehydes (VOC)	8 hours	twice weekly
	Hg	24 hours	weekly
Particles	SO ₄ ²⁻	24 hours	daily
	Cd, Pb (first priority), Cu, Zn, As, Cr, Ni (second priority)	weekly	weekly
Gas + particles	HNO ₃ (g)+NO ₃ ⁻ (p), NH ₃ (g)+NH ₄ ⁺ (p)	24 hours	daily
	POPs (PAH, PCB, HCB, chlordane, lindane, α-HCH, DDT/DDE)	to be decided	to be decided
Precipitation	Amount, SO ₄ ²⁻ , NO ₃ ⁻ , Cl ⁻ , pH, NH ₄ ⁺ , Na ⁺ , Mg ²⁺ , Ca ²⁺ , K ⁺ , conductivity	24 hours/weekly	daily/weekly
	Hg, Cd, Pb (first priority), Cu, Zn, As, Cr, Ni (second priority)	weekly	weekly
	POPs (PAH, PCB, HCB, chlordane, lindane, α-HCH, DDT/DDE)	to be decided	to be decided

Measurements of VOC, heavy metals and POPs are made at a small number of sites only.

An evaluation of the VOC measurement programme within EMEP has been published earlier (Solberg et al., 1995). The VOC data from 2000 was reported separately by Solberg et al. (2002), while ozone data from 2000 was reported by Hjellbrekke and Solberg (2002). Heavy metals and POPs were reported by Berg and Hjellbrekke (2002).

A list of data reports from EMEP/CCC can be found in Annex 5. The most recent data reports are also available on the web in pdf, word and text format at <http://www.nilu.no/projects/ccc/reports.html>.

5. Sampling and analytical methods

The recommended procedures for sampling and analysis of precipitation and air are described in the EMEP Manual for sampling and chemical analysis. The manual has been updated and sent out in 1996 (Hanssen et al., 1995). A version is also available on the WWW at <http://www.nilu.no/projects/ccc/manual/>. The methods used by the participating countries are given in Annex 1.

Generally, concentrations of gaseous nitric acid and ammonia, and of nitrate and ammonium in aerosol particles are determined by filter pack sampling. However, sampling artefacts due to the volatile nature of ammonium nitrate, and the possible interaction with strong acids, e.g. sulphuric acid, make separation of gases and particles by simple aerosol filters unreliable. Therefore only the sums of nitric acid and nitrate, and of ammonium and ammonia are unbiased.

6. Laboratory intercomparison

During 2000 the 18th laboratory intercomparison of analytical methods was carried out. As usual most of the laboratories report acceptable data, but there are still some outliers. The intercomparison results are presented in Uggerud et al. (2001).

7. Calculation of excess sulphate in precipitation

The sulphate in precipitation is stored in the database as reported, i.e. total sulphate, and as corrected, non-marine sulphate, i.e. total sulphate minus sulphate originating from sea-salt particles.

When the sulphate concentrations originating from sea-salt are larger than the total sulphate, and the corrected sulphate concentrations consequently become less than zero, negative concentrations have been stored in the database and have been used to calculate averages in the report in order to avoid bias in the aggregates. Negative concentrations are mainly caused by random errors in the data and occur when non sea-salt sulphate concentrations are low compared to total sulphate.

CCC has since 1994 used a routine worked out by the Canadian Air and Precipitation Monitoring Network (CAPMoN) for calculation of the marine contribution to sulphate in precipitation. The routine has been adopted by the WMO GAW. A series of EMEP's sites will also report data to WMO, and common routines will necessarily fill the data bases with identical data. This is consequently a step in a harmonisation process between EMEP and WMO GAW.

Excess sulphate data as calculated with the old routine are available from the CCC as a continuation of the data series upon request.

8. Monthly mean concentrations

The arithmetic mean values of gases and components in aerosols have been given in Annex 2. As a measure of data completeness the per cent days with results for each component every month has also been printed in Annex 2.

The precipitation data are presented in Annex 3. The monthly mean values given are the precipitation weighted arithmetic averages. The per cent analysed for a component is the per cent of the total precipitation which have been analysed for the component during a specified period, and the per cent analysed is used as a measure of completeness. Precipitation amounts from the samplers are once in a while lost due to mistakes and errors and can not in such cases easily be estimated since EMEP do not have precipitation amounts from co-located precipitation gauges. If the precipitation amount is missing a day with amounts of rain or snow of importance, then the total precipitation amount for a period including this day will be too low, and consequently the corresponding completeness for all components too high. As a measure of completeness of precipitation amounts, the number of days with precipitation data has been taken.

9. Seasonal summaries of the data

The seasonal summaries of the air components have been presented in Annex 4, and the summaries of the precipitation data in Annex 5. The precipitation component summaries contain the precipitation weighted arithmetic mean value, the minimum and maximum daily concentrations, the wet deposition, per cent of total precipitation amount analysed for a specific component (completeness for precipitation data), the number of data below the detection limit and total number of days with results, and a sampling flag which gives information about deviations from the EMEP sampling procedures.

The wet depositions have been obtained by multiplying the weighted mean concentration by the total amount of precipitation in the period. The concentrations for days with missing precipitation data have consequently been assumed to be equal to the weighted average of the period.

Concentrations less than zero may exist in the database for sulphate in precipitation corrected for sea-salt. This occurs whenever the sea-salt contribution is larger than the total sulphate concentration, and it is caused by random errors in the results. The negative values have been included in the estimation of the weighted arithmetic mean values.

For air components the arithmetic mean and the geometric mean have been computed together with their standard deviations. The definitions are given on the next three pages. The geometric standard deviation is a dimensionless factor. If the data come from a random sample of independent data in a normal distribution, about 95% of the data will lie between

$$\overline{c}_a - 2sd_a \text{ and } \overline{c}_a + 2sd_a$$

and between

$$\frac{\overline{c_g}}{sd_g^2} \text{ and } \overline{c_g} \cdot sd_g^2$$

if the data come from a lognormal distribution. The minimum, maximum, 5 and 95 percentiles are also presented in Annex 4. As a measure of the completeness of the dataset, the percentage of samples analysed in the period has been printed. In the computations of mean values and other statistics, the concentrations below the detection limit have been set equal to one half of the actual limit. An overview of the statistics and definitions is given below.

W.mean $\hat{c}$ is the precipitation weighted arithmetic mean concentration used for precipitation components:

$$\hat{c} = \frac{I}{\sum_i p_i} \cdot \sum_i c_i \cdot p_i$$

where p_i is precipitation amount day i with the measured concentration c_i of a specific component.

Arit mean $\overline{c_a}$ is the arithmetic mean value used for air components only, and N is number of days with data:

$$\overline{c_a} = \frac{I}{N} \sum_i c_i$$

Arit sd sd_a is the arithmetic standard deviation from the arithmetic mean value. It is computed for air components only:

$$sd_a = \left(\frac{\sum_i (c_i - \overline{c_a})^2}{N - I} \right)^{\frac{1}{2}}$$

Geom mean $\overline{c_g}$ is the geometric mean value used for air components only, and it is computed from the arithmetic mean of $\ln c$:

$$\overline{\ln c} = \frac{1}{N} \cdot \sum_i \ln c_i$$

$$\overline{c_g} = \exp(\overline{\ln c})$$

Geom sd sd_g is the geometric standard deviation from the geometric mean value. It is computed for air components only, and it is based on the standard deviation of $\ln c$:

$$sdlnc = \left(\frac{\sum_i (lnc_i - \overline{lnc})^2}{N - 1} \right)^{\frac{1}{2}}$$

$$sd_g = \exp(sdlnc)$$

Min	is the minimum value reported for a specific component, and it is printed both for precipitation and air components.
5%	is the 5 percentile computed from the histogram of the daily results. The data have been divided into 30 classes of equal size with the addition of two extreme classes. The 5 percentile has been computed by linear interpolation of the two closest class marks. The percentile has been computed for air components only.
50%	is the 50 percentile, defined as above and computed for air data only.
95%	is the 95 percentile, defined as above and computed for air data only.
Max	is the maximum value reported for a specific component, and it is given for precipitation and air components.
Dep	is the wet deposition of a specific precipitation component. The deposition is the product of the total precipitation amount measured and the weighted arithmetic mean of a component measured at a site.
% anal	for precipitation components this is the percent of the total precipitation reported analysed for a specific component, and for air components based on the number of days with data.
Num bel	is the number of data below the detection limit (not used for precipitation amount).
Num day	is the number of days with measurements for a specific component.
QA flag	is the quality flag described in section 8.
Samp flag	is a one character code which gives information about routine-wise deviation from the EMEP sampling length and frequency. The code used in this report is: W: weekly sampling BW: bi-weekly sampling

The units used for the results in this report are given in Table 3 and Table 4.

The start hours for the sample collections for the period covered by this report are given in Table 5.

Table 3: Units used for precipitation components.

Precipitation components	Units for W. mean, Min., Max.	Units for depositions
Amount	mm	mm
SO ₄ ²⁻	mg S/l	mg S/m ²
NO ₃ ⁻	mg N/l	mg N/m ²
Cl ⁻	mg Cl/l	mg Cl/m ²
NH ₄ ⁺	mg N/l	mg N/m ²
H ⁺	µe H ⁺ /l	µe H ⁺ /m ²
pH	pH-units	µe H ⁺ /m ²
Na ⁺	mg Na/l	mg Na/m ²
Mg ²⁺	mg Mg/l	mg Mg/m ²
K ⁺	mg K/l	mg K/m ²
Ca ²⁺	mg Ca/l	mg Ca/m ²

Table 4: Units used for air components.

Air components	Units for arithmetic and geometric mean values, arithmetic standard deviations, Min., Max., percentiles.
SO ₂	µg S/m ³
NO ₂	µg N/m ³
HNO ₃	µg N/m ³
NH ₃	µg N/m ³
SO ₄ ²⁻	µg S/m ³
NO ₃ ⁻	µg N/m ³
NH ₄ ⁺	µg N/m ³
H ⁺	Ne H ⁺ /m ³
SPM	µg/m ³
HNO ₃ + NO ₃ ⁻	µg N/m ³
NH ₃ + NH ₄ ⁺	µg N/m ³
Ca ⁺⁺	µg/m ³
Cl ⁻	µg/m ³
Mg ⁺⁺	µg/m ³
K ⁺	µg/m ³
Na ⁺	µg/m ³

Table 5: Start hours for sampling (GMT) in 2000.

Site	Prec.	Air	Site	Prec.	Air
AT 2	07	23	GR1	-	00
AT 4	07	23			
AT5	07	23	HR 2	06	06
			HR 4	06	06
CH 1	-	08 no2 – 00			
CH 2	00	00	HU 2	07	07
CH 3	-	00			
CH 4	00	00	IE 1	10	10
CH 5	00	000	IE 2	00	00
CZ 1	06	06	IS 2	09	09
CZ 3	06	06			
			IT 1	09	00
DE 1	07	00	IT 4	10	10
DE 2	07	00			
DE 3	07	00	LT15	06	06
DE 4	07	00			
DE 5	07	00	LV10	08	08
DE 7	07	00	LV16	08	08
DE 8	07	00			
DE 9	07	00	NL 9	09	09
DE12	-	00	NL10	09	09
DE14	-	00	NL11	10	10
DE17	-	00			
DE18	-	00	NO 1	07	07
DE19	-	00	NO 8	07	07
			NO15	07	07
DK 3	07	07	NO30	07	07
DK 5	07	07	NO39	07	07
DK 8	07	07	NO41	07	07
			NO42	-	07
ES 1	07	07			
ES 2	07	07	PL 2	06	06
ES 3	07	07	PL 3	06	06
ES 4	07	07	PL 4	06	06
ES 5	07	07	PL 5	06	06
ES 6	07	07			
			PT 1	09	-
EE 09	06	06	PT 3	09	-
EE 11	06	00	PT 4	09	09
FI 4	06	06	RU 1	(1)	(1)
FI 9	06	06	RU13	(1)	(1)
FI17	06	06	RU14	(1)	(1)
FI22	06	06	RU16	(1)	(1)
FR 3	09	09	SE 2	06	06
FR 5	09	09	SE 5	06	06
FR 8	09	09	SE 8	-	06
FR 9	09	09	SE11	06	06
FR10	09	09	SE12	06	06
FR12	09	09	SE13	-	06
FR13	09	09			
FR14	09	09	SI8	08:30	08:30
FR12	09	09			
			SK 2	07	07
GB 2	07	07	SK 4	07	07
GB 4	-	07	SK 5	07	07
GB 6	07	07	SK 6	07	07
GB 7	-	07			
GB13	07	07	TR 1	00	00
GB14	07	07			
GB15	07	70	YU 5	06	06
GB16	-	07	YU 8	06	06

(1) : Not reported

10. Update

The data compiled in this report represent the best data available at present. If any further errors are detected, the data will be corrected in the database.

It is important that users make certain that they have access to the most recent version of the database. For the data presented here the latest alteration was 17 June, 2002.

Scientific use of the EMEP data should be based on fresh copies of the data. Copies can be requested from the CCC (e-mail: anne-gunn.hjellbrekke@nilu.no). Information about the EMEP network and measurement data can also be found at <http://www.emep.int> and <http://www.nilu.no/projects/ccc/index.html>

11. References

A list of data reports from EMEP/CCC can be found in Annex 6.

Aas, W., Hjellbrekke, A.-G., Manø, S., Schaug, J., Solberg, S. and Uggerud, H.T. (2002) Data quality 2000, quality assurance and field comparisons. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 3/2002).

Berg, T., Hjellbrekke, A.-G. and Larsen, R. (2002) Heavy metals and POPs within the ECE region 2000. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 9/2002).

Hanssen, J.E., Schaug, J. and Semb, A. (1995) EMEP manual for sampling and chemical analysis. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 1/95).

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Uggerud, H., Hanssen, J.E. and Skjelmoen, J.E. (2001) The eighteenth intercomparison of analytical methods within EMEP. Kjeller, Norwegian Institute for Air Research (EMEP/CCC-Report 11/2001).

12. Acknowledgements

A large number of anonymous co-workers in participating countries have been involved in the many steps of collection of EMEP's air and precipitation data. A list of participating institutes can be seen below. The staff at CCC wishes to express their gratitude and appreciation for continued good co-operation and efforts.

Closer at home, and of equal significance to the presentation of our work, the secretarial work, and far beyond, has been performed by Ms. Kristine Aasarød. Rita Larsen has been very helpful with data flow and data base maintenance.

13. List of participating institutions

Austria	Umweltbundesamt
Belgium	CELINE - IRCEL
Commission of the European Communities	Joint Research Center. Ispra Establishment
Croatia	Meteorological and Hydrological Service of Croatia
Czech Republic	Czech Hydrometeorological Institute
Denmark	National Environmental Research Institute
Finland	Finnish Meteorological Institute
France	I' Ecole des Mines de Douai Laboratories Wolff
Germany	Umweltbundesamt
Greece	Ministry of Environmental Physical Planning and Public Works
Hungary	Institute for Atmospheric Physics, Dep. for Air Chemistry
Iceland	The Icelandic Meteorological Office
Ireland	Meteorological Service H.Q. Electricity Supply Board (ESB)
Italy	C.N.R. Istituto Inquinamento Atmosferico
Latvia	Latvian Hydrometeorological Agency
Lithuania	Institute of Physics
Netherlands	National Institute for Public Health and Environmental Protection (RIVM)
Norway	Norwegian Institute for Air Research (NILU)
Poland	Institute of Meteorology and Water Management Institute of Environmental Protection
Portugal	Ministério do ambiente e recursos naturais
Russian Federation	Institute of Global Climate and Ecology
Slovakia	Slovak Hydrometeorological Institute
Slovenia	Hydrometeorological Institute of Slovenia
Spain	Dirección General de Calidad y Evaluación Ambiental
Sweden	Swedish Environmental Research Institute (IVL)
Switzerland	Swiss Federal Laboratory of Testing Materials and Research (EMPA)
Turkey	Refik Saydam Centre of Hygiene
United Kingdom	AEA Technology
Yugoslavia	Federal Hydrometeorological Institute

Annex 1

Overview of sampling and analytical methods 2000

This Annex gives an overview of the sampling and analytical methods in use in the participating countries during 2000. The information given is mostly based on answered questionnaires issued by the CCC.

Table 1.1 shows the sampling techniques used for precipitation and aerosol components in the different countries. Table 1.2 shows the corresponding information for gases and Table 1.3 information on sampling for the sum of aerosols and gases.

Table 1.4 shows the analytical methods used for components in aerosols, for gases and for the sum of aerosols and gases. Several combinations of reagents can be used in the Griess method for measurements of nitrogen dioxide and in the data reports different combinations have been given different names, e.g. NEDA and ANSA in the past. Due to the increasing number of different reagent combinations, no distinction was made in 2000 between the different procedures, which have all been referenced to as Griess method in Tables 1.4 and 1.7.

Table 1.5 shows the methods used for components in precipitation.

Tables 1.6 to 1.15 give the code numbers for the methods used in Tables 1.4 and 1.5.

Table 1.1: Techniques for sampling of precipitation and for aerosols in 2000.

Country	Precipitation	Particulate sulphate	Particulate ammonium	Particulate nitrate
Austria	Wet only	Teflon filters, PALL Gelman Zeflour 2µm, 47 mm diameter, 21,6 m³/day	Teflon filters, PALL Gelman Zeflour 2µm, 47 mm diameter, 21,6 m³/day	Teflon filters, PALL Gelman Zeflour 2µm, 47 mm diameter, 21,6 m³/day
Croatia	Bulk	-	-	-
Czech Republic	Bulk and wet-only	Teflon filter Gelman, pore size 1 µm 40 m³/day	Schleicher and Schüll TE36 0.45 µm 5 m³/day	As for ammonium
Denmark	Wet-only	Mixed cellulose ester filter Millipore RAWP 1.2 µm 58 m³/day	-	-
Estonia	Bulk	Whatman 40 filter 4-5 m³/day at Lahemaa	-	-
Finland	Bulk	Whatman 40 filter 24 m³/day	-	-
France	Wet-only	Whatman 40 filter 2.5 m³/day	-	-

Table 1.1 cont.

Country	Precipitation	Particulate sulphate	Particulate ammonium	Particulate nitrate
Germany	Bulk	Schleicher & Schüll 589/2L filter 1.0 m ³ /day	-	-
Greece	Wet only	Whatman 41 filter 1,1 m ³ /day	-	As for particulate sulphate
Hungary	Wet only	Teflon filter, Schleicher & Schüll, 1 µm, 25 m ³ /day	As for particulate sulphate	As for particulate sulphate
Iceland	Bulk	Whatman 40 filter 30 m ³ /day	-	-
Ireland	Bulk (IE1) Wet only (IE2, IE3, IE4)	Whatman 40 filter 20-25 m ³ /day (IE1) Gelman GN-6 Metricel filter 20 m ³ /day (IE2, IE3, IE4)	-	-
Italy	Wet only	Teflon filter Gelman Zeflour 1 µ. 17 m ³ /day	Teflon filter (as for sulphate) + phosphorous acid impregnated filter	As for sulphate + Nylasorb filter
Latvia	Bulk (LV16) Wet only (LV10 from July 1996)	Whatman 41 filter 14-20 m ³ /day	Whatman 41 filter 14-20 m ³ /day	As for particulate sulphate
Lithuania	Wet only	Whatman 40 filter, 24 m ³ /day	As for particulate sulphate	As for particulate sulphate
Netherlands	Wet only	Whatman 42 filter 2.5 m ³ /day Filter mounted behind denuder	As for particulate sulphate	As for particulate sulphate.
Norway	Bulk NILU-type	Teflon filter, Gelman Zefluor 2 µm 25 m ³ /day	-	-
Poland 2,3,4	Bulk	Whatman 40 filter PL2,3,4:3.5-4 m ³ /day	As for particulate sulphate	As for particulate sulphate
PL5	Bulk	PL 5: Teflon filter Gelman Zefluor 2 µm 16 m ³ /day		
Portugal	Bulk	Whatman 40 filter , 2.5-4.2 m ³ /day	-	-
Russian Fed.	Bulk	Whatman 40 filter 10-15 m ³ /day	As for particulate sulphate	As for particulate sulphate
Slovakia	Wet only SK2 - bulk	Whatman 40 filter 6-8 m ³ /day	-	Whatman 40 filter 6-8 m ³ /day

Table 1.1 cont.

Country	Precipitation	Particulate sulphate	Particulate ammonium	Particulate nitrate
Slovenia	-	Teflon filter, Gelman Zefluor 2 µm, 18-24 m ³ /day	See sum of gases and aerosols	See sum of gases and aerosols
Spain	Wet only	Whatman GF/A filter 770 m ³ /day	As for particulate sulphate	-
Sweden	Wet only	Teflon filter Gelman Zefluor 2 µm 20 m ³ /day	-	-
Switzerland	Wet only	Schleicher & Schüll filter 589/4, 3.6 m ³ /day (CH2,5), 4.1 m ³ /day (CH1)	-	-
Turkey	Wet only	Teflon filter, Gelman Zefluor 2 µm 27 m ³ /day	See sum of gases and aerosols	See sum of gases and aerosols
United Kingdom	Wet only collector	Whatman 41 filter 1.1 m ³ /day	-	-
Yugoslavia	Bulk	-	-	-
CEC (IT 4)	Wet only	Cellulose acetate 0.8 µm filter 12 m ³ day	As for particulate sulphate	As for particulate sulphate

Table 1.2: Techniques for sampling of gases in 2000.

Country	Sulphur dioxide	Nitrogen dioxide	Ammonia	Nitric acid
Austria	Instrumental - UV fluorescence	Instrumental - Chemiluminiscence	-	-
Croatia	Absorbing solution TCM, 1.6-2.5 m ³ /day	Absorbing solution Trietanolamin 1.6-2.5 m ³ /day	-	-
Czech Republic	KOH-impregnated Whatman 41 filter 6-8 m ³ /day	Absorbing solution NaOH and guajacol 0.72 m ³ /day	Oxalic acid imp. Whatman 41 filter 5 m ³ /day	NaCl-impregnated Whatman 41 filter 0.72 m ³ /day
Denmark	NaF-impregnated + KOH-impregnated Whatman 41 filters 58 m ³ /day	KI-method (glass sinter) 0,7 m ³ /day	-	-
Estonia	NaOH-impregnated Whatman 40 filter 4-5 m ³ /day at Lahemaa Instrumental UV-fluorescence at Vilsandi	Absorbing tubes KI solution, 0.3 m ³ /day at Lahemaa; Instrumental: chemiluminescence at Vilsandi	-	-

Table 1.2 cont.

Country	Sulphur dioxide	Nitrogen dioxide	Ammonia	Nitric acid
Finland	NaOH-impregnated Whatman 40 filter 24 m ³ /day	Instrumental: chemiluminescence	-	-
France	Absorbing solution H ₂ O ₂ , 2.5 m ³ /day	-	-	-
Germany	Absorbing solution TCM, 1.0 m ³ /day	Absorbing solution Saltzman, 1 m ³ /day	-	-
Greece	Absorbing solution H ₂ O ₂ , 1.1 m ³ /day	Absorbing solution TGS, 1.1 m ³ /day	-	-
Hungary	KOH-impregnated Whatman 40 filter, 25 m ³ /day	Iodide method (impregnated glass sinter) 0.7 m ³ /day	Oxalic acid coated diffusion tube, 4 m ³ /day until June 30, 1999. From July 1, 1999 alkaline impregnated Whatman 40 filter, 25 m ³ /day	Teflon filter, Schleicher & Schüll, 1 µm, 25 m ³ /day
Iceland	KOH-impregnated Whatman 40 filter 30 m ³ /day	-	-	-
Ireland	KOH-impregnated Whatman 40 filter 20-25 m ³ /day	Absorbing solution TGS 1.5-1.6 m ³ /day	-	-
Italy	Diffusion tubes NaCl and Na ₂ CO ₃ + glycerine 17 m ³ /day	Instrumental: Chemiluminescence	Diffusion tubes coated with phosphorous acid 17 m ³ /day	Diffusion tubes NaCl 17 m ³ /day
Latvia	KOH-impregnated Whatman 41 filter 14-20 m ³ /day	Absorbing KI solution in absorbing tubes with glass granules, 0.2-0.4 m ³ /day	Whatman 41 filter 14-20 m ³ /day	As for sulphur dioxide
Lithuania	KOH-impregnated Whatman 40 filter, 24 m ³ /day	KI-method (glass sinter) 0.4-0.7 m ³ /day	-	-
Netherlands	Instrumental: UV-fluorescence	Instrumental: Chemiluminescence	Absorption in NaHSO ₄ , membrane separation, conductivity measurement	-
Norway	KOH-impregnated Whatman 40 filter 25 m ³ /day	Iodide method (impregnated glass sinter) 0.7 m ³ /day	-	-

Table 1.2 cont.

Country	Sulphur dioxide	Nitrogen dioxide	Ammonia	Nitric acid
Poland 2,3,4	KOH-impregnated Whatman 40 filter 3.5-4 m ³ /day	Absorbing solution TGS 0.7 m ³ /day	-	-
Poland 5	KOH-impregnated Whatman 40 filter 16 m ³ /day	Iodie method (impregnated glass sitner) 0.7 m ³ /day	-	-
Portugal	Absorbing Solutions H ₂ O ₂ 2.5-4.2 m ³ /day. Instrumental: UV-fluorescence at PT4 only	Instrumental: Chemiluminescence at PT4 only		
Russian Federation	NaOH-impregnated Whatman 40 filter 10-15 m ³ /day	Absorbing tubes KI 0.3 m ³ /day		
Slovakia	KOH-impregnated Whatman 41 filter 6-8 m ³ /day	Absorbing solution NaOH and guajacol 0.5 m ³ /day	-	KOH-impregnated Whatman 41 filter 6-8 m ³ /day
Slovenia	KOH-impregnated Whatman 40 filter, 18-24 m ³ /day	-	See sum of gases and aerosols	See sum of gases and aerosols
Spain	Instrumental: UV-fluorescence	Instrumental: Chemiluminescence	-	-
Sweden	KOH-impregnated Whatman 40 filter 20 m ³ /day	NaI-impregnated glass sinters ~0.7 m ³ /day	-	-
Switzerland	CH1: Absorbing solution H ₂ O ₂ 4.1 m ³ /day CH2,3,4,5: Instrumental UV-fluorescence	Instrumental: Chemiluminescence; Cranox at CH1	-	-
Turkey	KOH-impregnated Whatman 40 filter, 27 m ³ /day	NaI-impregnated glass sinters, 0.72 m ³ /day	See sum of gases and aerosols	See sum of gases and aerosols
United Kingdom	Absorbing solution H ₂ O ₂ 1.1m ³ /day		-	-
Yugoslavia	Absorbing solution TCM, 1.6-2.5 m ³ /day	Absorbing solution TGS, 1.6-2.5 m ³ /day	-	-
CEC (I4)	Instrumental UV-fluorescence	Instrumental: Chemiluminescence	-	-

Table 1.3: Techniques for sampling of sums of gases and aerosols in 2000.

	Ammonia and ammonium	Nitric acid and nitrate
Austria (filterpack)	aerosol as for sulphate, citric acid impregnated Whatman Filters 40 filters, 21,6 m ³ /day	aerosol as for sulphate, KOH impregnated Whatman 40 filters, 21,6 m ³ /day
Denmark	Aerosol filter as for sulphate + Oxalic acid impregnated Whatman 41, 58 m ³ /day	Aerosol filter as for sulphate + NaF-impregnated Whatman 41, 58 m ³ /day
Finland	Oxalic acid impregnated Whatman 40 filter, 24 m ³ /day	Whatman 40 + NaOH impregnated Whatman 40 filter, 24 m ³ /day
Hungary	Teflon filter as for sulphate + alkaline impregnated Whatman 40 filter, 25 m ³ /day	Teflon filter as for sulphate + KOH-impregnated Whatman 40 filter, 25 m ³ /day
Latvia	Oxalic acid impregnated Whatman 41 filter, 14-20 m ³ /day	KOH impregnated Whatman 41 filter, 14-20 m ³ /day
Lithuania	Oxalic acid impregnated Whatman 40 filter, 16-17 m ³ /day	KOH impregnated Whatman 40 filter, 16-17 m ³ /day
Norway	Aerosol filter as for sulphate + Oxalic acid imp. filter, 25 m ³ /day	Aerosol filter as for sulphate + KOH-imp. filter as for sulphur dioxide, 25 m ³ /day
Poland 2,3,4	Oxalic acid impregnated Whatman 40 filter, 4 m ³ /day	PL2,3,4: NaF impregnated Whatman 40 filter, 4 m ³ /day
Poland 5	Aerosol Teflon filter (as for sulphate) + Oxalic acid impregnated Whatman 40 filter, 16 m ³ /day	Aerosol Teflon filter (as for sulphate) + NaOH impregnated Whatman 40 filter, 16 m ³ /day
Russian Federation	Oxalic acid impregnated Whatman 40 filter 10-15 m ³ /day	-
Slovenia	Aerosol filter as for sulphate + oxalic acid impregnated Whatman 40 filter, 18-24 m ³ /day	Aerosol filter as for sulphate + KOH impregnated Whatman 40 filter, 18-24 m ³ /day
Spain	Oxalic acid impregnated Whatman 40 filter, 35 m ³ /day	NaOH impregnated Whatman 40 filter, 35 m ³ /day
Sweden	Aerosol filter as for sulphate + Oxalic acid impregnated Whatman 40 filter, 20 m ³ /day	Aerosol filter as for sulphate + KOH impregnated Whatman 40 filter, 20 m ³ /day
Switzerland	Citric acid impregnated Schleicher & Schüll 589/4 filter, 18 m ³ /day	NaOH impregnated Schleicher & Schüll 589/4 filter, 18 m ³ /day
Turkey	Citric acid impregnated Whatman 40 filter Teflon filter, Gelman Zeflour 2 µm, 27 m ³ /day	KOH impregnated Whatman 40 filter Teflon filter, Gelman Zeflour 2 µm, 27 m ³ /day
United Kingdom	Citric acid impregnated Whatman 40 filter, 25 m ³ /day GB2 and GB14	NaOH impregnated Whatman 40 filter, 25 m ³ /day GB2 and GB14

Table 1.4: Analytical methods used by the participants for components in aerosols, for gases, and for the sum of aerosol components and gases in 2000. Method numbers are given in Tables 1.6–1.9.

	SO ₄	NH ₃ /NH ₄	HNO ₃ /NO ₃	SO ₂	NO ₂
Austria	1	1	1	9	4
Belgium	2	-	-	7	4
Croatia	-	-	-	6	3
Czech Republic	2	3	4	3	3
Denmark	10	3	4	1	3
Estonia	1	-	-	1 & 9	3 & 4
Finland	1	1	1	1	4
France	1	-	-	1	-
Germany	2	4	1	6	2
Greece	1	-	-	1	3
Hungary	1	3	1	1	3
Iceland	13	-	-	1	-
Ireland	1	-	-	1	3
Italy	1	1	1	1	4
Latvia	3	3	2	3	3
Lithuania	1	3	1	1	3
Netherlands	1	3	1	9	4
Norway	1	3/1	1	1	3
Poland 2,3,4	3	2	4	3	3
Poland 5	14	3	5	14	3
Portugal	1	-	-	1	-
Russian Fed.	1	1	1	1/9*	3
Slovakia	14	-	1/5	1	3
Slovenia	1	1	1	1	
Spain	1	3	1	3	3
Sweden	1	4	1	1	3
Switzerland	2	1	1	1/9**	4
Turkey	1	3	1	1	3
United Kingdom	1	1	1	1	1
Yugoslavia	-	-	-	6	3
CEC (I4)	1	1	1	9	4

* 9 at RU1

** 1 at CH1

9 at CH2, CH3, CH4, CH5

Table 1.5: Analytical methods used by the participants for components in precipitation in 2000. Methods numbers are given in Tables 1.10–1.16.

	SO ₄	NO ₃	NH ₄	H ⁺	Mg	Na	Cl	Ca	K
Austria	1	1	1	-	1	1	1	1	1
Belgium	1	1	1	-	3	1	1	3	1
Croatia	4	4	7	6	2	5	2	2	5
Czech Republic	1	1	4/6	6	6	4	1	6	4
Denmark	1	1	5	6	2	2	1	2	2
Estonia	1	1	5	-	2	3	1	3	3
Finland	1	1	1	6	1	1	1	1	1
France	1	1	4	6	1	1	1	1	1
Germany	1	1	4	-	3	6	1	3	6
Greece	1	1	1	6	1	1	1	1	1
Hungary	1	1	5	3	2	5	1	2	5
Iceland	1	-	-	-	-	7	-	-	-
Ireland	1	1	1	-	1	1	1	1	1
Italy	1	1	1	-	1	1	1	1	1
Latvia	1	1	5	-	2	2	2	7	2
Lithuania	1	1	5	6	2	2	1	2	2
Netherlands	1	1	6	5	8	7	1	8	7
Norway	1	1	1	-	1	1	1	1	1
Poland 2,3,4	1	1	3	-	2	5	1	2	5
Poland 5	6	8	5	-	8	7	5	8	2
Portugal	1	1	5	-	1	1	1	1	1
Russian Federation	1	1	1	-	2	1	1	3	1
Slovak Republic	1	1	1	-	1	1	1	1	1
Spain	1	1	5	6	3	3	1	3	6
Sweden	1	1	4	6	1	1	1	1	1
Switzerland	1	1	1	-	1	1	1	1	1
Turkey	1	1	5	6	2	5	1	2	5
United Kingdom	1	1	1	6	1	1	1	1	1
Yugoslavia	2	2	5	-	2	5	2	2	5
CEC (14)	1	1	1/5	6	1/2	1/2	1	1/2	1/2

Table 1.6: Methods used for analysing sulphur dioxide and sulphate in particles.

Ion chromatography	SO ₂	SO ₄	1
X-ray fluorescence (XRF)		SO ₄	2
Thorin	SO ₂	SO ₄	3
Ring-oven technique		SO ₄	4
Isotopic dilution method	SO ₂	SO ₄	5
Pararosanilin method	SO ₂		6
Flame photometry	SO ₂		7
Sulfonazo III, automatic,	SO ₂	SO ₄	8
UV-fluorescence	SO ₂		9
Proton Induced X-ray			
Emission (PIXE)		SO ₄	10
Nephelometry (barium sulphate)	SO ₂	SO ₄	11
DOAS	SO ₂		12
Plasma emission spectrometry		SO ₄	13
Capillary Electrophoresis	SO ₂	SO ₄	14

Table 1.7: Methods used for analysing nitrogen dioxide.

Ion chromatography	1
Saltzman	2
Spectrophotometric, Griess method	3
Chemiluminescence	4
DOAS	5

Table 1.8: Methods used for determination of ammonium in aerosols, ammonia, and the sum of ammonium and ammonia.

Ion chromatography	1
Spectrophotometric, Chloramin T	2
Spectrophotometric, Indophenol method	3
Flow Injection Analysis	4

Table 1.9: Methods used for determination of nitrate in aerosols, nitric acid, and the sum of nitrate and nitric acid.

Ion chromatography	1
Spectrophotometric, Griess after Cd reduction	2
Spectrophotometric, Nitration of sodium salicylate	3
Spectrophotometric, Griess after hydrazine reduction	4
Capillary Electrophoresis	5

Table 1.10: Methods used for determination of sulphate in precipitation.

Ion chromatography	1
Thorin	2
Isotope dilution	3
Turbidity/Nephelometry (barium sulphate)	4
Sulfonazo III	5
Capillary Electrophoresis	6

Table 1.11: Methods used for determination of nitrate in precipitation.

Ion chromatography	1
Spectrophotometric Griess method, Cd reduction	2
Spectrophotometric, Flow injection analysis	3
UV-spectrophotometric	4
Other spectrophotometric	5
Griess method, Hydrazine reduction	6
Nesslers method after reduction	7
Capillary Electrophoresis	8

Table 1.12: Methods used for determination of ammonium in precipitation.

Ion chromatography	1
Spectrophotometric, Nesslers method	2
Spectrophotometric, Chloramin T	3
Spectrophotometric, Flow injection analysis	4
Spectrophotometric, Indophenol method	5
As method 5, using sodium salicylate instead of phenol	6
Gas sensitive electrode	7

Table 1.13: Methods used for determination of strong acid in precipitation.

Coulometric titration method	1
As above, but automatic plotting of Gran's function	2
Alkali titration	3
Gran's plot titration	4
Acid and alkali titration	5
Calculated from pH	6

Table 1.14: Methods used for determination of magnesium and calcium in precipitation.

Ion chromatography	1
Atomic absorption method	2
As method 2 + addition of lanthanum	3
As method 2 + addition of cesium	4
As method 2 + addition of potassium	5
As method 2 + addition of lanthanum, cesium and 8-Chynolynol	6
Atomic emission method	7
Plasma emission spectrometry	8

Table 1.15: Methods used for determination of sodium and potassium in precipitation.

Ion chromatography	1
Atomic emission method	2
As method 2 + addition of cesium	3
As method 2 + addition of lanthanum, cesium and 8-Chynolynol	4
Atomic absorption method	5
As method 5 + addition of cesium	6
Plasma emission spectrometry	7

Table 1.16: Methods used for determination of chloride in precipitation.

Ion chromatography	1
Spectrophotometric, mercury thiocyanate/iron method	2
Ion selective electrode	3
Setpoint titration	4
Capillary Electrophoresis	5

Annex 2

Monthly mean concentrations in gases and aerosols

*Table 2.1: Monthly arithmetic averages of sulphur dioxide in 2000.
(Unit: $\mu\text{g S/m}^3$).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	4.26	1.28	1.38	1.38	1.02	1.10	0.53	0.95	1.36	1.27	0.97	2.22
AT0002R	-	1.22	1.21	1.30	1.34	1.05	0.51	1.10	1.35	1.22	1.01	1.97
AT0004R	0.73	0.54	0.45	0.29	0.25	0.47	0.32	0.36	0.31	0.28	0.24	0.19
AT0005R	0.81	1.04	0.71	0.23	0.24	0.23	0.20	0.39	0.23	0.19	0.24	0.30
CH0001G	0.06	0.07	0.08	0.06	0.04	0.04	0.04	0.03	0.06	0.05	0.09	0.05
CH0002R	1.22	1.14	1.10	0.87	0.67	0.67	0.25	0.33	0.43	0.49	0.59	0.85
CH0004R	0.64	0.47	0.52	0.69	0.31	0.57	0.40	0.45	0.47	0.31	0.34	0.31
CH0005R	0.50	0.34	0.44	0.32	0.24	0.36	0.23	0.27	0.35	0.24	0.22	0.23
CZ0001R	4.04	2.31	2.07	2.03	1.63	1.29	0.75	1.19	1.52	1.67	1.05	2.50
CZ0003R	3.24	0.92	1.79	1.70	0.89	0.83	0.67	0.84	1.11	0.75	0.43	1.49
DE0002R	1.09	0.52	0.34	0.38	0.35	0.25	0.18	0.23	0.56	0.44	0.51	1.32
DE0003R	0.37	0.21	0.19	0.05	0.13	0.06	0.07	0.08	0.07	0.09	-	-
DE0004R	1.47	0.87	0.37	0.48	0.14	0.31	0.10	0.23	0.24	0.73	0.93	1.28
DE0005R	0.78	0.37	0.33	0.18	0.20	0.07	0.06	0.08	0.24	0.17	0.15	0.36
DE0007R	0.66	0.46	0.23	0.75	0.69	0.17	0.15	0.28	0.87	0.56	0.53	0.77
DE0008R	0.84	0.57	0.35	0.43	0.77	0.18	0.11	0.30	0.69	0.21	0.17	0.54
DE0009R	0.54	0.71	0.60	0.97	0.60	0.46	0.34	0.51	0.75	0.85	0.82	0.95
DK0003R	0.30	0.40	0.20	0.48	0.32	0.20	0.10	0.19	0.41	0.35	0.42	0.31
DK0005R	0.57	0.59	0.35	0.77	0.83	0.49	0.31	0.42	0.70	0.72	0.91	0.89
DK0008R	0.32	0.44	0.37	1.00	0.68	0.53	0.39	0.39	0.52	0.61	0.77	0.53
EE0009R	0.56	0.55	1.13	1.12	0.43	0.45	0.53	0.25	0.24	0.61	0.92	0.58
EE0011R	0.25	0.24	0.29	0.35	0.28	0.21	0.18	0.22	0.21	0.26	0.34	0.29
ES0001R	0.31	0.22	0.32	0.06	0.08	0.10	-	-	-	-	-	-
ES0003R	1.54	1.13	0.97	1.24	0.22	0.85	-	-	-	-	-	-
ES0004R	0.88	0.99	0.64	0.27	0.25	0.54	0.37	0.42	0.50	0.45	0.20	0.26
ES0005R	4.22	3.14	6.25	0.49	3.74	6.84	-	-	-	-	-	-
ES0007R	1.25	1.05	0.74	0.14	0.27	0.32	0.58	0.60	0.53	0.28	0.11	0.15
ES0008R	3.09	5.50	2.72	2.37	1.16	0.94	1.09	1.41	3.14	3.35	3.34	1.13
ES0009R	0.29	0.29	0.19	0.15	0.02	0.11	0.13	0.21	0.20	0.39	0.21	0.11
ES0010R	0.48	0.24	0.14	0.05	0.04	0.01	0.00	0.00	0.02	0.01	0.16	0.03
ES0011R	0.37	0.13	0.27	0.04	0.03	0.41	0.57	1.10	1.05	0.31	0.36	0.09
ES0012R	0.61	0.06	0.23	0.06	0.00	0.01	0.07	0.23	0.28	0.28	0.34	0.36
ES0013R	-	-	-	-	-	-	-	0.86	1.07	0.37	0.10	0.06
ES0014R	-	-	-	-	-	-	-	-	-	-	0.16	0.06
ES0015R	-	-	-	-	-	-	-	-	-	-	0.32	0.98
FI0009R	0.22	0.33	0.37	0.47	0.36	0.38	0.36	0.34	0.38	0.35	0.53	0.38
FI0017R	0.94	0.86	0.73	0.64	0.56	0.39	0.39	0.33	0.26	0.66	1.19	0.94
FI0022R	0.67	0.48	0.59	0.36	0.17	0.10	0.14	0.07	0.10	0.28	0.29	0.45
FI0037R	0.30	0.36	0.27	0.20	0.32	0.14	0.11	0.09	0.14	0.28	0.20	0.26
FR0003R	0.54	0.88	0.76	0.45	0.38	0.80	0.92	0.25	0.57	0.62	0.29	0.26
FR0005R	1.45	0.53	1.11	0.97	0.62	0.84	0.77	1.07	0.67	0.51	0.33	0.45
FR0008R	0.79	0.56	0.56	0.48	0.34	0.68	0.48	0.54	0.39	0.43	0.43	0.43
FR0009R	1.33	0.90	1.11	0.75	0.41	0.95	0.67	0.58	0.65	0.54	0.37	0.76
FR0010R	0.74	0.42	0.49	0.28	0.22	0.56	0.46	0.36	0.30	0.52	0.33	0.48
FR0012R	0.75	0.47	0.72	0.29	0.44	0.65	0.62	0.60	0.55	0.59	0.72	0.69
FR0013R	0.41	0.53	0.47	0.42	0.37	0.54	0.55	0.60	0.74	0.63	0.67	0.68
FR0014R	0.27	0.24	0.24	0.19	0.17	0.39	0.37	0.35	0.40	0.22	0.15	0.15
GB0002R	0.27	0.29	0.22	0.52	0.35	0.27	0.30	0.69	0.29	0.24	0.35	0.51
GB0004R	1.75	1.24	1.48	1.24	0.73	0.90	0.83	0.78	0.57	1.21	1.61	1.27
GB0006R	0.21	0.19	0.22	0.29	0.31	0.18	0.28	0.28	0.15	0.09	0.13	0.28
GB0007R	1.39	0.76	1.37	1.20	1.25	0.87	0.75	0.67	0.39	0.31	0.46	0.69
GB0013R	0.80	0.30	0.54	0.56	0.58	0.49	0.37	0.32	0.16	0.09	0.24	0.48
GB0014R	1.47	1.06	0.64	1.84	1.09	1.42	0.85	1.14	1.26	1.80	2.31	3.76
GB0015R	0.15	0.14	0.13	0.24	0.21	0.14	0.16	0.17	0.22	0.17	0.21	0.23
GB0016R	0.23	0.31	0.19	0.41	0.50	0.31	0.25	0.37	0.39	0.34	0.45	0.53
GR0001R	-	1.08	0.66	0.58	0.67	-	-	-	-	9.82	1.78	2.40
HU0002R	8.62	4.11	3.22	1.81	1.84	1.29	1.74	1.66	1.80	2.44	1.70	3.49
IT0001R	0.51	0.76	0.78	0.43	0.47	0.66	0.71	1.12	0.78	0.42	0.45	0.46
IT0004R	1.60	1.59	1.28	1.19	1.20	0.67	0.46	0.34	0.34	0.17	0.19	0.28
LT0015R	1.66	0.81	0.62	0.80	0.40	0.34	0.30	0.32	0.67	0.94	1.01	1.07
LV0010R	0.45	0.14	0.16	0.23	0.30	0.36	0.74	0.26	0.32	0.22	0.24	0.41
LV0016R	0.61	0.18	0.18	0.34	0.13	0.23	0.12	0.42	0.19	0.17	0.23	0.20
NL0009R	0.89	0.71	0.37	0.44	0.72	0.62	0.37	0.48	0.55	0.36	0.95	0.89
NL0010R	2.08	1.66	1.24	1.29	1.28	1.35	0.65	1.32	1.05	1.00	1.37	2.04
NO0001R	0.06	0.06	0.11	0.23	0.20	0.18	0.07	0.12	0.14	0.09	0.10	0.10
NO0008R	0.05	0.05	0.06	0.17	0.08	0.11	0.04	0.05	0.12	0.13	0.12	0.11
NO0015R	0.03	0.03	0.06	0.04	0.04	0.03	0.04	0.04	0.02	0.04	0.05	0.07
NO0039R	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.01	0.07	0.05	0.03
NO0041R	0.03	0.03	0.04	0.05	0.05	0.02	0.03	0.03	0.03	0.07	0.07	0.05
NO0042R	0.33	0.28	0.32	0.13	0.11	0.04	0.05	0.04	0.02	0.03	0.05	0.10
NO0055R	0.44	0.44	0.47	0.50	0.20	0.16	0.20	0.44	0.05	0.44	0.22	0.59
PL0002R	4.63	2.69	2.27	1.37	1.00	2.00	1.50	1.16	1.11	2.16	2.30	3.78
PL0003R	1.73	1.69	1.29	0.94	0.96	1.05	0.97	0.96	1.12	1.16	1.42	1.50
PL0004R	1.14	1.17	0.83	1.59	0.82	0.92	0.74	0.97	1.39	1.96	1.76	2.39
PL0005R	2.50	1.57	1.22	0.64	0.49	0.31	0.34	0.43	0.59	1.30	1.10	1.49
RU0001R	1.83	0.48	1.34	5.11	-	1.20	2.12	0.80	0.31	0.71	1.10	1.21
RU0016R	1.32	1.71	1.21	0.98	0.61	0.58	0.33	0.35	0.28	0.48	0.50	0.79
RU0018R	1.00	0.52	0.49	0.24	0.28	0.19	0.09	0.06	0.04	0.03	0.07	0.45

Table 2.1 contd.

SE0002R	0.40	0.39	0.41	0.61	0.46	0.58	0.35	0.45	0.30	0.56	0.56	0.41
SE0005R	0.03	0.03	0.05	0.05	0.04	0.03	0.04	0.04	0.03	0.04	0.03	0.04
SE0008R	0.34	0.33	0.33	0.83	0.56	0.53	0.40	0.40	0.43	0.70	1.06	0.63
SE0011R	0.42	0.46	0.28	0.71	0.43	0.46	0.19	0.28	0.44	0.46	0.75	0.55
SE0012R	0.18	0.21	0.19	-	-	-	-	-	-	-	-	-
SI0008R	1.91	1.32	1.20	0.48	0.72	0.93	0.85	0.64	0.57	0.28	0.17	0.62
SK0002R	1.10	0.76	0.49	0.35	0.48	0.30	0.23	0.42	1.30	1.14	1.44	0.62
SK0004R	2.30	2.06	1.38	2.02	1.33	1.09	0.62	0.89	1.12	1.68	1.90	1.31
SK0005R	7.05	4.55	2.83	2.30	1.28	1.24	0.73	1.07	1.07	2.13	1.07	2.35
SK0006R	7.62	4.63	2.98	1.33	1.35	1.85	1.25	0.86	0.74	2.03	2.79	3.26
TR0001R	6.87	6.65	-	-	-	0.17	0.72	0.26	0.62	0.41	1.50	1.62
YU0005R	1.25	1.36	1.25	1.25	1.42	2.08	1.96	3.90	4.58	4.62	7.91	9.43
YU0008R	1.69	1.55	1.25	1.48	1.25	1.25	1.25	1.78	1.61	1.47	1.30	2.67

Table 2.2: Sulphur dioxide 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0	82	100	100	100	100	96	100	100	100	100	74
AT0002R	100	96	87	100	87	70	100	100	100	100	100	87
AT0004R	96	100	96	100	100	100	100	100	100	100	100	100
AT0005R	100	93	96	100	100	100	100	100	100	96	100	100
CH0001G	100	96	100	100	96	100	93	93	100	100	100	100
CH0002R	100	100	100	86	93	86	87	96	100	74	100	100
CH0004R	100	100	100	100	100	100	90	83	100	100	100	90
CH0005R	93	100	96	100	100	96	93	90	100	100	100	93
CZ0001R	100	100	100	100	100	100	100	100	83	96	100	100
CZ0003R	100	100	93	100	100	100	100	100	96	96	100	100
DE0001R	0	0	0	0	0	0	0	0	0	0	0	0
DE0002R	96	100	96	100	96	93	96	100	100	96	96	100
DE0003R	90	100	100	100	100	100	100	100	100	100	0	0
DE0004R	100	100	100	100	100	100	100	100	100	100	96	100
DE0005R	100	100	100	100	100	100	100	100	100	100	100	100
DE0007R	100	100	100	100	100	100	100	100	100	100	100	100
DE0008R	100	100	100	100	100	100	93	100	100	96	100	100
DE0009R	100	100	100	100	100	100	100	100	100	100	100	100
DK0003R	96	100	90	100	100	50	90	48	100	100	100	100
DK0005R	90	96	100	100	96	100	100	100	100	100	96	100
DK0008R	93	93	100	100	100	100	93	100	100	100	100	83
EE0009R	96	100	100	93	100	100	100	100	100	100	100	100
EE0011R	100	100	90	100	87	100	100	100	100	100	96	96
ES0001R	93	100	96	100	96	63	0	0	0	0	0	0
ES0003R	96	96	96	96	100	40	0	0	0	0	0	0
ES0004R	93	96	100	100	100	100	100	100	100	93	100	100
ES0005R	100	100	100	100	100	20	0	0	0	0	0	0
ES0007R	100	100	100	96	100	100	100	100	100	96	100	100
ES0008R	100	100	100	100	100	100	100	100	100	100	100	100
ES0009R	100	100	100	100	87	90	100	100	93	100	100	100
ES0010R	96	100	100	100	100	100	100	100	100	96	100	100
ES0011R	93	100	100	100	100	100	100	100	100	100	100	83
ES0012R	100	100	100	100	100	100	100	100	100	100	100	100
ES0013R	0	0	0	0	0	0	0	100	100	100	96	100
ES0014R	0	0	0	0	0	0	0	0	0	0	100	100
ES0015R	0	0	0	0	0	0	0	0	0	0	100	90
FI0009R	100	100	100	100	100	100	100	100	100	100	100	100
FI0017R	100	100	100	100	100	100	100	100	100	100	96	100
FI0022R	100	100	93	100	100	100	100	100	100	100	100	100
FI0037R	100	100	100	100	100	100	100	100	100	100	100	100
FR0003R	90	93	80	96	77	73	100	100	100	100	96	61
FR0005R	61	100	100	76	96	80	100	54	100	100	100	100
FR0008R	96	72	100	100	100	100	100	100	100	93	100	100
FR0009R	100	51	100	96	100	100	100	100	100	100	100	100
FR0010R	41	75	100	73	87	83	54	100	66	74	100	100
FR0012R	100	100	100	60	100	96	96	100	96	100	86	100
FR0013R	93	100	100	100	96	100	100	100	100	100	100	100
FR0014R	96	100	100	100	100	96	100	100	96	100	100	96
GB0002R	100	96	100	100	100	100	87	64	100	77	76	100
GB0004R	90	96	100	86	80	96	90	100	100	100	100	96
GB0006R	100	100	100	96	83	96	96	100	100	77	100	100
GB0007R	100	100	67	100	93	100	96	100	100	51	100	77
GB0013R	100	96	96	90	100	93	96	100	73	77	96	100
GB0014R	100	86	100	100	100	96	100	93	100	100	76	100
GB0015R	100	100	100	96	100	100	100	100	100	77	100	100
GB0016R	100	100	100	96	100	100	100	93	96	77	76	100
GR0001R	0	24	100	96	93	0	0	0	0	100	100	100
HU0002R	100	100	100	100	100	90	96	90	96	93	73	96
IT0001R	100	100	100	90	96	100	100	83	83	77	100	100
IT0004R	100	100	100	100	100	60	100	96	100	100	100	100
LT0015R	100	96	100	93	100	100	96	100	100	93	100	100
LV0010R	100	100	100	100	100	100	100	100	100	100	100	100
LV0016R	93	86	100	86	100	100	87	80	100	100	100	100

Table 2.2 contd.

NL0009R	100	100	96	83	96	100	100	100	96	83	100	100
NL0010R	87	100	96	93	100	100	96	100	100	100	100	100
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	93	100	100
NO0015R	100	100	100	100	100	100	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	100	100	100
NO0041R	100	100	93	100	100	96	67	83	100	96	100	100
NO0042R	100	68	100	100	100	100	100	100	100	100	100	100
NO0055R	100	96	100	100	100	100	100	100	100	100	100	100
PL0002R	96	93	96	100	96	100	100	100	100	96	100	100
PL0003R	100	100	100	100	100	100	100	100	100	100	100	100
PL0004R	100	100	100	100	100	100	87	100	100	100	100	100
PL0005R	96	100	90	80	100	96	100	100	96	96	100	96
RU0001R	74	100	100	6	0	86	100	96	100	100	100	100
RU0016R	100	79	96	96	96	76	100	96	100	100	96	93
RU0018R	93	89	96	100	100	100	100	96	100	29	70	93
SE0002R	90	100	100	100	100	96	100	100	96	100	96	100
SE0005R	100	100	100	96	93	96	100	100	96	96	96	100
SE0008R	100	100	100	100	100	100	100	100	100	100	100	100
SE0011R	90	100	100	100	100	100	96	96	96	100	100	100
SE0012R	100	96	100	0	0	0	0	0	0	0	0	0
SI0008R	96	100	100	100	100	100	100	100	100	100	100	100
SK0002R	100	100	100	100	96	90	93	96	100	100	100	100
SK0004R	100	100	100	100	100	100	93	90	90	100	100	100
SK0005R	100	100	100	100	100	100	100	100	100	100	100	100
SK0006R	100	100	100	100	100	100	96	100	100	100	96	100
TR0001R	80	79	0	0	0	90	83	83	56	87	66	96
YU0005R	83	68	38	66	100	100	77	77	96	70	93	87
YU0008R	100	100	100	56	100	100	100	96	100	100	100	100

Table 2.3: Monthly arithmetic averages of nitrogen dioxide in 2000.
(Unit: $\mu\text{g N/m}^3$).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	4.54	2.51	2.49	1.81	1.97	1.74	1.68	1.83	2.41	2.61	3.10	4.48
AT0004R	2.03	1.56	1.68	1.33	1.24	1.50	1.24	1.58	1.88	1.97	2.14	1.67
AT0005R	1.13	1.23	1.00	0.85	0.84	0.96	0.69	0.73	0.76	0.74	0.67	1.09
BE0001R	5.71	4.04	5.30	4.08	3.89	3.32	2.63	3.63	3.21	2.86	2.42	4.64
BE0032R	6.21	4.38	6.95	4.78	4.87	3.85	3.44	4.08	3.39	3.17	1.99	4.41
BE0035R	8.17	6.99	8.17	6.04	5.32	4.59	4.90	5.33	4.75	4.97	4.21	6.47
CH0001G	0.04	0.06	0.07	0.12	0.05	0.05	0.07	0.06	0.08	0.22	0.28	0.14
CH0002R	9.04	6.08	5.41	4.46	3.46	3.12	2.58	3.61	4.03	4.33	5.17	6.51
CH0003R	7.17	5.35	4.61	4.10	3.12	2.90	2.42	3.20	3.50	4.14	5.42	6.48
CH0004R	2.36	1.78	3.12	3.00	2.48	2.09	2.00	2.11	2.25	1.84	1.68	1.97
CH0005R	3.23	2.08	2.44	2.32	2.27	2.67	1.95	2.16	2.64	2.47	1.88	2.57
CZ0001R	3.66	3.01	0.95	1.45	0.38	0.50	0.74	1.00	0.40	1.11	1.05	1.08
CZ0003R	3.43	4.00	1.36	1.49	1.74	1.38	0.80	0.58	0.68	1.45	1.19	1.33
DE0001R	2.48	2.55	1.70	0.92	1.66	1.31	0.95	1.24	2.07	2.87	3.95	3.75
DE0002R	4.05	2.69	1.91	1.75	1.82	1.89	1.37	1.50	2.04	2.76	3.93	4.25
DE0003R	1.63	1.23	1.49	1.35	1.09	1.18	1.04	0.88	1.06	1.06	1.03	0.96
DE0004R	2.94	2.30	2.36	1.78	1.81	1.50	1.31	1.50	1.97	2.00	2.04	2.85
DE0005R	2.23	2.43	2.11	1.59	1.56	1.49	1.48	1.48	1.67	2.01	2.24	1.82
DE0007R	3.44	2.69	1.60	1.51	1.38	1.43	1.32	1.17	1.50	2.26	3.66	3.59
DE0008R	2.59	2.19	1.60	1.20	1.17	1.07	1.03	1.07	1.43	1.62	2.15	2.42
DE0009R	3.03	2.39	2.01	2.10	1.79	1.50	1.59	1.55	1.39	2.24	3.03	3.21
DK0008R	1.58	1.75	1.24	2.47	1.42	1.03	0.94	1.03	1.31	2.51	3.44	2.78
EE0009R	1.36	1.06	0.41	0.41	0.33	0.41	0.32	0.38	0.31	0.32	0.30	0.29
EE0011R	-	-	-	1.10	1.15	-	-	-	-	-	-	-
ES0001R	1.58	1.24	1.02	0.12	0.14	0.17	-	-	-	-	-	-
ES0003R	3.46	3.52	2.68	2.32	2.31	1.37	-	-	-	-	-	-
ES0004R	5.92	5.35	4.06	2.39	2.50	1.93	1.84	2.17	3.41	4.37	4.35	5.02
ES0005R	1.93	0.76	1.75	0.56	0.64	0.57	-	-	-	-	-	-
ES0007R	4.39	4.19	4.84	2.77	3.33	2.02	2.78	2.46	3.18	3.31	2.92	1.76
ES0008R	2.00	3.55	2.44	1.37	1.12	0.98	1.24	1.19	1.61	1.67	1.52	1.00
ES0009R	0.37	0.48	0.46	0.27	0.11	0.13	0.28	0.24	0.45	0.61	0.49	0.70
ES0010R	2.52	1.71	1.06	0.59	0.61	0.53	0.71	0.95	0.68	0.79	1.24	1.75
ES0011R	1.87	1.88	1.65	0.44	0.91	1.40	1.56	1.71	2.14	2.40	0.87	0.65
ES0012R	1.40	3.77	0.98	0.13	0.18	0.28	0.21	0.33	0.39	0.53	0.47	0.32
ES0013R	-	-	-	-	-	-	-	0.69	0.87	0.64	0.37	0.14
ES0014R	-	-	-	-	-	-	-	-	-	-	2.12	2.15
ES0015R	-	-	-	-	-	-	-	-	-	-	0.35	0.38
GB0036R	4.16	2.46	6.05	4.40	3.29	3.28	2.69	3.15	3.18	2.47	3.56	-
GB0037R	3.27	2.83	3.57	3.63	3.35	3.79	3.21	2.53	3.18	3.18	3.67	5.04
GB0038R	6.17	3.02	5.06	4.02	3.96	3.10	3.33	3.35	2.27	2.78	3.04	4.17
GB0043R	1.89	1.12	1.62	1.91	2.55	1.11	-	-	1.12	0.95	1.03	3.21
GB0045R	5.24	4.52	3.78	4.24	2.86	2.67	2.33	2.94	3.62	5.32	6.67	6.64
GR0001R	5.99	4.14	4.67	3.15	3.88	-	-	-	-	2.73	4.79	4.51
HU0002R	1.80	1.94	1.34	1.39	1.08	1.08	1.09	1.24	1.56	1.66	2.53	2.71
IT0001R	6.97	7.28	6.51	4.59	3.34	3.06	2.77	3.33	3.21	3.21	3.03	3.40
IT0004R	3.51	3.76	2.58	1.45	1.28	1.24	1.25	1.15	1.49	1.82	2.21	3.08

Table 2.3 contd.

LT0015R	1.45	1.51	1.30	1.34	0.99	0.83	0.66	0.68	0.87	1.20	2.26	2.95
LV0010R	1.08	0.72	0.55	0.80	0.77	0.57	0.49	0.47	0.43	0.55	0.90	1.16
LV0016R	0.88	0.54	0.54	0.51	0.55	0.68	0.46	0.49	0.52	0.71	0.81	1.14
NL0009R	5.69	4.68	2.55	4.14	2.54	1.86	1.26	2.24	3.60	4.47	6.86	5.66
NL0010R	9.29	7.36	6.66	7.16	6.05	5.09	4.00	5.47	6.89	6.13	6.80	8.03
NO0001R	0.52	0.61	0.52	0.54	0.51	0.37	0.36	0.35	0.52	0.69	0.70	1.16
NO0008R	0.30	0.35	0.39	0.32	0.38	0.43	0.30	0.29	0.24	0.39	0.62	0.56
NO0015R	0.24	0.26	0.30	0.08	0.12	0.13	0.26	0.13	0.23	0.13	0.03	0.09
NO0039R	0.29	0.33	0.42	0.18	0.18	0.18	0.30	0.17	0.30	0.56	0.27	0.63
NO0041R	0.50	0.74	0.46	0.24	0.24	0.38	0.15	0.20	0.37	0.31	0.34	0.63
NO0055R	0.61	0.57	0.29	0.08	0.17	0.07	0.24	0.11	0.20	0.18	0.24	0.27
PL0002R	3.76	2.80	2.04	2.34	2.59	2.54	2.80	3.38	2.74	2.67	2.99	4.90
PL0003R	1.58	1.51	1.24	0.91	0.83	0.99	1.08	1.09	1.15	1.13	1.37	1.39
PL0004R	1.63	1.57	1.26	1.38	1.11	0.88	1.14	1.20	1.43	2.38	3.17	3.18
PL0005R	2.80	0.72	0.61	0.77	0.59	0.34	0.38	0.46	0.44	0.92	1.24	2.06
SE0002R	2.33	1.78	1.33	1.63	1.14	1.05	0.90	0.88	0.80	1.77	2.13	2.41
SE0005R	0.20	0.21	0.11	0.23	0.17	0.06	0.08	0.07	0.13	0.20	0.30	0.21
SE0008R	1.30	1.16	0.82	1.46	1.30	0.99	0.73	0.54	0.42	1.02	1.66	1.56
SE0011R	3.00	2.03	1.15	1.39	1.12	1.00	0.86	1.25	0.84	2.06	3.11	2.72
SE0012R	1.32	0.91	0.51	-	-	-	-	-	-	-	-	-
SK0002R	0.92	1.03	1.18	1.24	1.92	1.60	1.46	1.07	0.75	0.72	1.44	1.04
SK0004R	2.36	2.35	1.54	1.60	1.50	1.44	1.56	1.35	1.19	1.50	2.29	2.83
SK0005R	2.64	2.53	1.93	1.90	1.75	1.73	1.41	1.46	1.37	1.25	2.16	3.02
SK0006R	1.52	1.89	1.53	1.52	1.49	1.47	1.57	1.04	1.05	1.20	2.11	1.53
TR0001R	1.64	1.15	1.02	0.76	0.45	0.46	0.51	0.74	0.53	1.02	1.25	2.04
YU0005R	5.31	5.33	3.88	5.37	-	-	-	-	-	-	-	-
YU0008R	9.63	6.92	6.83	6.79	-	-	-	-	-	-	-	-

Table 2.4: Nitrogen dioxide 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	96	100	100	100	96	100	100	100	100	100	100
AT0004R	96	100	93	96	100	100	100	100	100	96	90	100
AT0005R	100	100	83	100	100	100	96	100	100	100	96	100
BE0001R	100	100	93	100	100	100	100	96	100	96	100	87
BE0032R	100	96	100	100	100	83	100	100	96	100	100	100
BE0035R	100	100	100	76	77	100	100	100	96	100	100	100
CH0001G	74	96	70	63	100	100	74	90	90	96	93	45
CH0002R	100	93	100	83	100	100	87	100	100	74	100	100
CH0003R	93	89	93	96	100	93	100	100	100	100	100	100
CH0004R	100	100	100	100	100	96	77	74	100	100	100	90
CH0005R	93	100	100	93	100	86	93	93	100	100	100	93
CZ0001R	93	96	90	86	83	93	80	96	86	96	100	100
CZ0003R	93	96	96	100	96	100	100	100	96	100	100	96
DE0001R	96	96	96	100	100	100	100	100	100	100	100	100
DE0002R	96	100	100	100	100	100	100	96	100	96	100	100
DE0003R	100	100	100	93	100	100	93	100	96	100	96	100
DE0004R	100	100	100	100	100	100	100	100	100	100	100	100
DE0005R	100	100	100	100	100	100	100	100	100	100	100	100
DE0007R	100	100	100	96	100	100	100	100	100	100	100	100
DE0008R	100	100	100	100	100	100	93	100	100	100	100	100
DE0009R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	77	100	100	93	100	93	90	100	93	100	100	100
EE0009R	96	100	100	96	100	100	100	100	100	100	100	100
EE0011R	0	0	0	13	80	0	0	0	0	0	0	0
ES0001R	93	93	96	100	96	63	0	0	0	0	0	0
ES0003R	96	96	96	96	100	40	0	0	0	0	0	0
ES0004R	90	96	100	100	100	100	100	100	100	93	100	100
ES0005R	100	100	100	100	100	20	0	0	0	0	0	0
ES0007R	100	100	100	96	100	100	100	100	100	96	100	100
ES0008R	100	96	100	100	100	100	100	100	100	100	100	100
ES0009R	100	100	100	100	87	90	100	96	93	100	100	100
ES0010R	96	100	100	100	100	100	100	100	100	96	100	100
ES0011R	93	100	100	100	100	100	96	100	100	100	100	83
ES0012R	100	100	100	100	100	100	96	100	100	100	100	100
ES0013R	0	0	0	0	0	0	0	100	100	100	96	100
ES0014R	0	0	0	0	0	0	0	0	0	0	100	100
ES0015R	0	0	0	0	0	0	0	0	0	0	100	87
GB0036R	100	100	96	93	83	100	100	100	90	70	86	0
GB0037R	100	96	93	100	93	80	100	90	100	93	93	90
GB0038R	100	100	96	80	93	96	100	100	93	64	73	83
GB0043R	96	96	100	100	96	66	0	0	40	96	90	96
GB0045R	96	100	100	46	90	96	54	100	93	64	70	100
GR0001R	41	89	100	96	93	0	0	0	0	100	100	100
HU0002R	100	100	100	100	100	96	100	100	100	100	100	83
IT0001R	100	100	100	100	74	100	83	80	50	83	53	100
IT0004R	100	100	100	100	100	100	100	96	86	100	100	100
LT0015R	100	96	100	96	100	100	100	100	100	93	100	100
LV0010R	100	100	100	100	100	100	100	100	100	100	100	100
LV0016R	96	100	100	96	100	100	87	80	100	100	100	100

Table 2.4 contd.

NL0009R	100	100	100	100	100	100	100	90	100	87	100	100
NL0010R	83	100	100	100	100	100	93	100	100	100	100	100
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	93	100	100	100	100	96	100	100	100	100	100	100
NO0015R	100	96	100	100	100	100	100	100	100	100	100	100
NO0039R	100	100	100	100	100	100	100	100	100	100	100	100
NO0041R	100	100	96	100	100	100	100	100	100	100	100	100
NO0055R	100	100	100	100	100	100	100	100	100	100	93	100
PL0002R	93	79	93	100	96	96	100	100	100	100	100	96
PL0003R	100	100	100	100	100	100	100	100	100	100	100	100
PL0004R	100	100	100	100	96	100	100	100	100	100	100	100
PL0005R	100	100	64	80	100	100	96	90	100	96	96	96
SE0002R	90	100	100	93	100	100	96	100	96	100	100	100
SE0005R	100	100	100	96	90	100	100	96	96	100	96	100
SE0008R	100	100	100	93	96	100	100	100	100	96	100	100
SE0011R	90	100	100	100	100	100	96	96	96	96	100	100
SE0012R	100	96	100	0	0	0	0	0	0	0	0	0
SK0002R	100	100	100	100	96	90	87	96	100	100	100	100
SK0004R	100	100	100	100	100	100	100	100	100	100	100	100
SK0005R	100	100	100	100	100	100	100	100	100	100	100	100
SK0006R	100	100	100	100	100	100	100	100	100	100	100	100
TR0001R	70	100	100	100	100	90	77	87	66	87	76	96
YU0005R	93	68	51	46	0	0	0	0	0	0	0	0
YU0008R	100	100	100	53	0	0	0	0	0	0	0	0

Table 2.5: Monthly arithmetic averages of nitric acid in 2000. (Unit: $\mu\text{g N/m}^3$).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CZ0001R	0.24	0.40	0.39	0.31	0.42	0.28	0.12	0.10	0.17	0.09	0.80	0.54
CZ0003R	1.36	0.60	0.56	0.32	0.31	0.09	0.24	0.29	0.60	0.24	0.95	0.72
HU0002R	0.49	0.24	0.15	0.23	0.31	0.31	0.28	0.40	0.25	0.21	0.15	0.16
IT0001R	0.03	0.06	0.09	0.09	0.16	0.24	0.24	0.26	0.21	0.08	0.03	0.02
SK0002R	0.04	0.05	0.03	0.04	0.05	0.05	0.03	0.04	0.11	0.08	0.06	0.06
SK0004R	0.11	0.09	0.07	0.07	0.06	0.05	0.04	0.05	0.07	0.06	0.06	0.09
SK0005R	0.07	0.07	0.05	0.13	0.07	0.05	0.05	0.05	0.08	0.10	0.08	0.08
SK0006R	0.78	0.52	0.39	0.21	0.16	0.19	0.26	0.10	0.13	0.25	0.22	0.46
TR0001R	0.18	0.29	-	-	-	0.06	0.16	0.07	0.07	0.08	0.11	0.04

Table 2.6: Nitric acid 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CZ0001R	93	100	100	100	100	100	100	100	100	100	100	100
CZ0003R	100	96	100	100	100	100	100	100	100	100	90	100
HU0002R	100	100	100	100	100	90	96	90	96	93	73	100
IT0001R	100	100	100	90	96	100	100	83	83	77	100	100
SK0002R	100	100	100	100	96	90	93	96	100	100	100	100
SK0004R	100	100	100	100	100	100	93	90	90	100	100	100
SK0005R	100	100	100	100	100	100	100	100	100	100	100	100
SK0006R	100	100	100	100	100	100	96	100	100	100	96	100
TR0001R	80	79	0	0	0	90	83	83	56	87	66	96

Table 2.7: Monthly arithmetic averages of ammonia in 2000. (Unit: $\mu\text{g N/m}^3$).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CZ0001R	1.58	1.60	1.01	1.91	1.74	1.60	2.35	2.33	1.60	1.94	1.73	0.98
CZ0003R	1.49	1.38	0.86	2.58	1.80	2.05	2.25	2.69	2.09	2.90	2.25	2.08
HU0002R	0.33	1.09	1.46	2.39	2.03	1.95	1.79	1.79	1.66	2.37	1.63	0.88
IT0001R	1.06	1.20	0.92	0.88	1.85	2.27	1.97	1.94	1.32	1.80	1.07	0.98
NL0010R	10.33	9.23	15.19	16.48	20.05	13.35	12.28	25.44	17.98	9.21	6.28	6.63
TR0001R	0.07	0.10	-	-	-	0.33	0.49	0.36	0.15	0.32	0.39	0.21

Table 2.8: Ammonia 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CZ0001R	93	100	100	100	100	100	100	100	100	100	100	100
CZ0003R	100	100	100	100	100	100	100	100	100	100	100	100
HU0002R	100	100	100	100	100	90	96	90	96	93	73	100
IT0001R	100	100	100	90	96	100	100	83	83	77	100	100
NL0010R	58	82	87	83	87	66	48	70	63	87	80	80
TR0001R	74	79	0	0	0	90	80	77	60	87	66	96

Table 2.9: Monthly arithmetic averages of sulphate in aerosols in 2000.
(Unit: $\mu\text{g S/m}^3$).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	-	0.79	0.73	1.29	1.09	1.17	0.68	1.06	1.30	1.37	0.67	1.10
CH0001G	0.04	0.04	0.10	0.13	0.16	0.29	0.15	0.28	0.16	0.06	0.05	0.03
CH0002R	1.04	0.55	0.57	0.44	0.49	0.84	0.57	0.69	0.63	0.52	0.27	0.56
CH0005R	0.45	0.30	0.65	0.47	0.55	0.94	0.60	0.77	0.69	0.50	0.20	0.28
DE0002R	-	-	-	-	-	-	8.52	9.74	12.37	11.39	10.43	15.97
DE0004R	-	-	-	-	-	-	10.71	13.94	14.07	9.19	6.73	9.77
DK0003R	0.57	0.78	0.74	1.36	0.91	0.71	0.71	0.77	0.79	0.97	0.66	0.66
DK0005R	0.79	0.80	0.96	1.44	0.95	1.18	0.84	1.09	1.03	1.09	0.90	0.87
DK0008R	0.61	0.72	0.65	1.20	0.84	1.10	0.69	0.92	0.74	0.99	0.73	0.60
EE0009R	0.25	0.28	0.34	0.39	0.34	0.16	0.47	0.34	0.31	0.47	0.30	0.26
ES0001R	0.53	0.45	0.78	0.44	0.74	0.74	-	-	-	-	-	-
ES0003R	1.05	1.23	1.51	0.84	1.82	1.45	-	-	-	-	-	-
ES0004R	1.22	1.11	1.32	0.63	1.23	1.71	1.58	1.74	1.69	1.13	0.68	0.54
ES0005R	0.67	0.52	1.16	0.49	1.12	1.57	-	-	-	-	-	-
ES0007R	0.71	0.76	1.16	0.70	1.05	1.30	1.24	1.26	1.42	0.92	0.59	0.42
ES0008R	0.94	1.08	1.51	0.84	2.29	2.54	1.83	1.98	2.53	1.00	0.55	0.46
ES0009R	0.37	0.41	0.74	0.49	0.62	1.14	0.82	1.03	1.03	0.84	0.43	0.34
ES0010R	1.18	1.07	1.07	0.98	1.84	1.84	1.68	1.89	1.40	1.22	0.65	0.82
ES0011R	0.68	0.66	0.80	0.49	1.05	1.27	0.82	0.87	0.93	0.59	0.39	0.33
ES0012R	0.58	0.63	1.01	0.64	0.92	1.70	1.29	1.52	1.26	0.89	0.48	0.37
ES0013R	-	-	-	-	-	-	0.92	1.13	1.21	0.58	0.35	0.28
ES0014R	-	-	-	-	-	-	-	-	-	1.09	0.56	0.44
ES0015R	-	-	-	-	-	-	-	-	-	0.02	0.39	0.32
FI0009R	0.33	0.49	0.47	0.81	0.47	0.49	0.56	0.57	0.42	0.99	0.86	0.62
FI0017R	0.62	0.57	0.68	0.89	0.50	0.56	0.65	0.52	0.40	1.00	0.89	0.76
FI0022R	0.40	0.46	0.46	0.45	0.33	0.28	0.32	0.28	0.29	0.60	0.59	0.35
FI0037R	0.32	0.36	0.37	0.52	0.34	0.39	0.33	0.33	0.34	0.86	0.48	0.41
FR0003R	0.67	0.40	0.73	0.41	0.60	0.76	0.63	0.28	0.51	0.41	0.26	0.29
FR0005R	0.56	0.48	0.78	0.57	0.85	1.01	0.61	0.70	0.49	0.36	0.29	0.61
FR0008R	0.29	0.28	0.48	0.39	0.45	0.64	0.48	0.66	0.56	0.38	0.19	0.23
FR0009R	0.67	0.56	1.06	0.67	0.94	1.10	1.08	0.85	0.87	0.59	0.44	0.52
FR0010R	0.46	0.36	0.59	0.34	0.47	0.74	0.53	0.69	0.48	0.46	0.23	0.31
FR0012R	0.37	0.27	0.67	0.35	0.61	0.77	0.78	0.88	0.69	0.37	0.30	0.65
FR0013R	0.41	0.36	0.50	0.41	0.73	0.92	0.58	1.00	0.77	0.47	0.29	0.27
FR0014R	0.33	0.27	0.47	0.30	0.35	0.79	0.58	0.60	0.51	0.35	0.17	0.19
GB0002R	0.29	0.28	0.47	0.59	0.54	0.59	0.60	0.51	0.50	0.21	0.29	0.43
GB0004R	0.64	0.66	0.98	0.97	1.17	1.07	0.85	0.99	0.71	0.42	0.54	0.78
GB0006R	0.23	0.22	0.36	0.39	0.73	0.54	0.52	0.40	0.33	0.22	0.41	0.50
GB0007R	1.00	0.71	1.27	0.82	1.30	1.05	0.98	0.67	0.54	0.30	0.31	0.56
GB0013R	0.47	0.29	0.61	0.37	0.91	0.79	0.76	0.43	0.36	0.24	0.21	0.47
GB0014R	0.43	0.43	0.57	0.71	0.80	0.80	0.76	0.67	0.62	0.43	0.47	0.57
GB0015R	0.11	0.12	0.22	0.27	0.39	0.30	0.33	0.25	0.40	0.16	0.14	0.15
GB0016R	0.18	0.28	0.31	0.40	0.54	0.46	0.41	0.49	0.49	0.30	0.27	0.42
GR0001R	-	0.56	0.94	1.05	1.03	-	-	-	-	-	-	-
HU0002R	2.61	1.45	1.35	1.56	1.41	1.41	1.09	1.74	1.61	2.29	1.30	1.92
IE0002R	0.19	0.16	0.33	0.52	0.58	1.01	0.51	0.27	0.20	0.14	0.18	0.11
IE0003R	0.19	0.12	0.25	0.29	0.37	0.46	0.35	0.18	0.21	0.24	0.27	0.28
IE0004R	0.14	0.10	0.24	0.25	0.39	0.35	0.34	0.19	0.30	0.08	0.07	0.07
IS0002R	0.14	0.12	0.21	0.22	0.22	0.21	0.38	0.15	0.13	0.07	0.06	0.06
IT0001R	0.89	0.91	1.24	1.12	1.31	1.19	1.30	1.40	1.44	0.82	0.66	0.75
IT0004R	0.58	0.69	0.61	0.45	0.73	1.00	0.70	0.68	0.51	0.48	0.15	0.29
LT0015R	1.11	0.68	0.90	1.02	0.64	0.63	0.83	0.85	0.46	1.14	1.58	1.21
LV0010R	0.47	0.34	0.22	0.15	0.21	0.31	0.18	0.30	0.21	0.21	0.28	0.24
LV0016R	0.45	0.22	0.22	0.23	0.16	0.20	0.31	0.19	0.15	0.16	0.21	0.13
NL0009R	0.65	0.43	0.70	0.60	0.55	0.70	0.80	0.67	0.89	0.51	0.40	0.51
NL0010R	0.74	0.66	0.86	0.62	0.61	0.71	0.84	1.18	1.14	0.74	0.38	0.68
NO0001R	0.18	0.28	0.27	0.73	0.59	0.68	0.27	0.46	0.53	0.67	0.38	0.31
NO0008R	0.18	0.21	0.21	0.63	0.52	0.56	0.19	0.34	0.42	0.43	0.23	0.23
NO0015R	0.08	0.10	0.17	0.26	0.23	0.18	0.15	0.15	0.23	0.34	0.17	0.11
NO0039R	0.08	0.06	0.13	0.34	0.34	0.19	0.14	0.16	0.17	0.20	0.10	0.05
NO0041R	0.09	0.11	0.13	0.43	0.33	0.37	0.10	0.16	0.23	0.49	0.25	0.17
NO0042R	0.21	0.17	0.27	0.28	0.27	0.07	0.09	0.10	0.04	0.06	0.06	0.12
NO0055R	0.19	0.21	0.29	0.35	0.34	0.20	0.32	0.29	0.12	0.44	0.30	0.21
PL0002R	1.98	1.49	1.13	1.53	1.67	1.63	1.78	1.07	1.39	1.29	2.08	1.93
PL0003R	0.67	0.56	0.66	0.72	0.81	0.96	0.82	0.79	0.75	0.75	0.60	0.57
PL0004R	1.03	0.91	0.74	1.30	1.29	1.04	0.93	1.28	1.01	1.79	1.29	2.27

Table 2.9 contd.

RU0001R	0.32	0.29	0.35	0.24	-	0.32	0.39	0.32	0.20	0.60	0.44	0.28
RU0016R	0.12	0.17	0.12	0.23	0.15	0.16	0.16	0.12	0.08	0.19	0.14	0.14
RU0018R	0.87	0.63	0.61	0.86	0.37	0.35	0.59	0.36	0.32	0.73	0.76	0.52
SE0002R	0.51	0.58	0.58	0.93	0.70	1.19	0.47	0.75	0.61	1.07	0.66	0.63
SE0005R	0.04	0.10	0.14	0.35	0.19	0.18	0.14	0.14	0.16	0.38	0.21	0.10
SE0011R	0.59	0.58	0.59	1.20	0.58	0.92	0.56	0.74	0.70	0.98	0.84	0.71
SE0012R	0.12	0.30	0.33	-	-	-	-	-	-	-	-	-
SI0008R	1.20	0.78	0.82	0.81	1.11	1.08	0.81	0.96	1.29	0.99	0.29	0.60
SK0002R	0.17	0.12	0.12	0.28	0.25	0.11	0.07	0.14	0.46	0.59	0.23	0.15
SK0004R	0.75	0.67	0.72	0.84	0.94	0.98	0.66	0.97	1.00	1.24	0.93	0.74
SK0005R	1.24	0.85	0.93	0.79	1.04	0.95	0.74	1.19	1.07	1.53	0.91	1.20
SK0006R	1.49	1.06	1.04	0.90	1.04	1.04	0.80	1.07	0.79	1.39	1.22	1.28
TR0001R	1.54	1.43	0.76	0.70	0.81	0.68	0.93	0.56	0.61	0.47	0.73	0.85

Table 2.10: Sulphate in aerosols 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0	82	100	96	100	100	96	100	100	100	100	74
CH0001G	100	100	100	100	100	100	93	100	100	100	100	100
CH0002R	100	100	100	100	100	86	100	100	100	100	100	100
CH0005R	100	100	100	100	100	93	96	100	100	100	100	100
DE0002R	0	0	0	0	0	0	100	100	100	100	100	96
DE0004R	0	0	0	0	0	0	54	100	100	100	100	100
DK0003R	96	100	90	100	96	50	90	51	100	100	96	100
DK0005R	90	96	100	100	96	100	100	100	100	100	100	96
DK0008R	93	93	100	100	100	100	93	100	100	100	100	83
EE0009R	96	100	100	96	100	100	100	100	100	100	100	100
ES0001R	93	100	100	96	96	56	0	0	0	0	0	0
ES0003R	87	100	96	93	93	40	0	0	0	0	0	0
ES0004R	96	93	93	96	96	93	90	83	100	96	90	90
ES0005R	100	82	100	73	100	20	0	0	0	0	0	0
ES0007R	100	96	100	90	96	100	100	100	93	93	100	96
ES0008R	100	100	96	100	93	100	100	100	100	90	96	100
ES0009R	96	89	96	100	87	100	100	100	90	93	93	100
ES0010R	93	100	87	100	93	96	100	100	86	96	96	96
ES0011R	96	93	96	96	96	96	93	100	96	96	100	87
ES0012R	100	93	100	93	100	100	100	96	100	100	100	96
ES0013R	0	0	0	0	0	0	22	93	100	100	100	90
ES0014R	0	0	0	0	0	0	0	0	0	87	96	93
ES0015R	0	0	0	0	0	0	0	0	0	100	70	70
FI0009R	100	100	100	100	100	100	100	100	100	100	100	100
FI0017R	100	100	100	100	100	100	100	100	100	100	100	100
FI0022R	100	100	93	100	100	100	100	100	100	100	100	100
FI0037R	100	100	100	100	100	100	100	100	100	100	76	100
FR0003R	90	96	80	100	80	86	100	100	100	100	96	61
FR0005R	61	100	100	76	100	80	100	54	100	100	100	100
FR0008R	100	75	100	100	100	100	100	100	100	93	100	100
FR0009R	100	51	100	96	100	86	100	96	100	93	100	100
FR0010R	41	75	100	73	87	83	54	100	76	74	100	100
FR0012R	100	100	100	60	100	96	100	100	100	100	86	100
FR0013R	100	100	100	100	96	100	100	100	96	100	100	100
FR0014R	96	100	100	100	100	100	100	100	100	100	100	96
GB0002R	100	93	96	96	100	100	83	64	100	100	100	96
GB0004R	90	100	100	83	80	100	87	100	100	96	76	96
GB0006R	100	100	100	100	93	96	96	100	100	93	100	100
GB0007R	100	96	70	100	93	100	96	100	100	96	100	77
GB0013R	100	96	93	90	100	93	93	93	60	96	96	96
GB0014R	100	86	100	100	100	96	96	93	100	100	100	100
GB0015R	100	100	100	100	100	100	100	100	100	100	100	100
GB0016R	100	100	100	96	100	100	100	93	96	100	100	100
GR0001R	0	48	93	93	93	0	0	0	0	0	0	0
HU0002R	100	100	100	100	100	90	96	90	96	93	73	100
IE0002R	90	100	100	80	96	96	100	100	100	77	76	100
IE0003R	100	100	96	86	100	86	100	90	100	61	33	77
IE0004R	83	100	100	100	100	100	100	100	100	87	76	96
IS0002R	100	100	100	100	67	96	96	100	96	93	90	96
IT0001R	100	100	100	90	96	100	100	83	83	77	100	100
IT0004R	96	100	100	100	100	100	100	96	100	61	66	48
LT0015R	100	100	100	96	100	100	93	96	100	93	100	100
LV0010R	100	100	100	100	100	100	100	100	100	100	100	100
LV0016R	93	86	100	86	100	100	87	80	100	100	100	100
NL0009R	87	89	87	86	87	86	87	87	86	77	83	90
NL0010R	90	86	87	86	87	90	67	100	100	100	100	100
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	100	100	100
NO0015R	100	100	100	100	100	96	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	100	100	80
NO0041R	100	100	93	100	100	96	67	83	100	100	100	100
NO0042R	100	68	96	90	100	100	100	100	100	100	100	100
NO0055R	100	96	100	100	100	100	100	100	100	100	100	100

Table 2.10 contd.

PL0002R	96	93	96	100	96	100	100	100	100	96	100	100
PL0003R	100	100	100	100	100	100	100	100	100	100	100	100
PL0004R	100	100	100	100	100	100	100	100	100	100	100	100
RU0001R	74	100	100	6	0	86	100	96	100	100	100	100
RU0016R	96	79	96	96	96	76	100	96	100	100	96	93
RU0018R	93	89	96	100	100	100	100	96	100	29	70	93
SE0002R	90	100	100	100	100	96	100	100	96	100	100	100
SE0005R	96	100	100	96	93	100	100	96	100	100	93	100
SE0011R	90	100	100	100	100	100	100	96	96	100	100	100
SE0012R	100	100	100	0	0	0	0	0	0	0	0	0
SI0008R	96	100	100	100	100	100	100	100	100	100	100	100
SK0002R	100	100	100	96	96	90	93	96	100	100	100	96
SK0004R	96	100	100	100	100	100	93	90	90	100	100	100
SK0005R	100	100	100	100	100	100	100	100	100	100	100	100
SK0006R	100	100	100	100	96	100	100	100	100	100	96	100
TR0001R	80	100	100	100	100	90	83	83	66	87	66	96

Table 2.11: Monthly arithmetic averages of nitrate in aerosols in 2000.
(Unit: $\mu\text{g N/m}^3$).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CZ0001R	1.06	0.81	0.66	0.93	0.57	0.61	0.10	0.36	0.62	0.46	0.29	0.29
CZ0003R	1.27	1.15	0.72	0.72	0.60	0.73	0.14	0.20	0.47	0.50	0.41	0.64
GR0001R	-	0.14	0.30	0.36	0.20	-	-	-	-	-	-	-
HU0002R	1.17	1.24	0.95	0.48	0.27	0.21	0.20	0.20	0.32	0.76	0.66	0.94
IT0001R	1.22	1.53	1.39	0.98	0.80	0.38	0.44	0.46	0.57	0.55	0.50	0.86
IT0004R	0.84	1.30	0.71	0.35	0.42	0.48	0.28	0.35	0.32	0.45	0.15	0.31
LV0010R	0.37	0.37	0.20	0.12	0.10	0.19	0.15	0.20	0.16	0.21	0.32	0.30
LV0016R	0.28	0.25	0.12	0.11	0.07	0.11	0.09	0.11	0.09	0.32	0.22	0.20
NL0009R	0.61	0.57	0.76	0.87	0.51	0.49	0.37	0.54	0.92	0.58	0.69	0.60
NL0010R	0.83	0.89	0.99	0.87	0.68	0.57	0.74	1.15	1.00	0.68	0.48	0.70
PL0002R	0.79	0.63	0.56	0.67	0.31	0.55	0.35	0.36	0.32	0.79	1.00	1.03
PL0003R	0.18	0.15	0.17	0.22	0.32	0.29	0.30	0.29	0.21	0.19	0.14	0.12
PL0004R	0.58	0.51	0.42	0.63	0.33	0.39	0.23	0.34	0.30	0.76	1.00	0.81
RU0001R	0.05	0.05	0.04	0.02	-	0.06	0.05	0.03	0.03	0.09	0.05	0.03
RU0016R	0.23	0.33	0.38	0.71	0.47	0.57	0.50	0.37	0.27	0.70	0.54	0.38
RU0018R	0.20	0.21	0.24	0.25	0.07	0.06	0.08	0.05	0.11	0.14	0.20	0.23
SK0002R	0.04	0.10	0.06	0.11	0.11	0.04	0.02	0.04	0.18	0.21	0.09	0.08
SK0004R	0.22	0.42	0.35	0.36	0.30	0.24	0.19	0.23	0.20	0.36	0.41	0.23
SK0005R	0.77	1.01	0.63	0.42	0.36	0.34	0.27	0.35	0.33	0.61	0.52	0.49
SK0006R	0.21	0.40	0.37	0.28	0.17	0.25	0.20	0.23	0.12	0.27	0.28	0.21

Table 2.12: Nitrate in aerosols 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CZ0001R	93	100	100	100	100	100	100	100	100	100	100	100
CZ0003R	100	100	100	100	100	100	100	100	100	100	100	100
GR0001R	0	48	90	96	93	0	0	0	0	0	0	0
HU0002R	100	100	100	100	100	90	96	90	96	93	73	100
IT0001R	100	100	100	90	96	100	100	83	83	77	100	100
IT0004R	96	100	100	100	100	100	100	96	100	61	66	48
LV0010R	100	100	100	100	100	100	100	100	100	100	100	100
LV0016R	90	86	100	86	100	100	87	80	100	100	100	100
NL0009R	87	89	87	86	87	86	87	87	86	77	83	90
NL0010R	90	86	87	86	87	90	67	100	100	100	100	100
PL0002R	96	93	96	100	87	100	100	100	100	96	100	100
PL0003R	100	100	100	100	100	100	100	100	100	100	100	100
PL0004R	100	100	100	100	100	100	100	100	100	100	100	100
RU0001R	74	100	100	6	0	86	100	96	100	100	100	100
RU0016R	96	79	96	96	96	76	100	96	100	100	96	93
RU0018R	93	89	96	100	96	100	100	96	100	29	70	93
SK0002R	100	100	100	96	96	90	93	96	100	100	100	96
SK0004R	96	100	100	100	100	100	93	90	90	100	100	100
SK0005R	100	100	100	100	100	100	100	100	100	100	100	100
SK0006R	100	100	100	100	96	100	100	100	100	100	96	100

*Table 2.13: Monthly arithmetic averages of ammonium in aerosols in 2000.
(Unit: $\mu\text{g N/m}^3$).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CZ0001R	1.54	0.81	1.54	0.94	0.50	0.56	0.64	0.84	1.23	0.71	0.74	0.78
CZ0003R	1.22	0.72	1.57	0.69	0.68	1.00	0.73	0.89	1.19	0.98	0.78	1.82
ES0001R	0.28	0.24	0.40	0.12	0.28	0.43	-	-	-	-	-	-
ES0003R	0.65	0.53	0.48	0.27	0.33	0.19	-	-	-	-	-	-
ES0004R	0.77	0.55	0.45	0.20	0.21	0.38	0.36	0.36	0.43	0.48	0.15	0.41
ES0005R	0.23	0.20	0.60	0.19	0.27	0.50	-	-	-	-	-	-
ES0007R	0.31	0.47	0.45	0.18	0.25	0.50	0.48	0.51	0.39	0.30	0.66	0.12
ES0008R	0.24	0.33	0.74	0.30	0.95	0.77	0.45	0.60	1.06	0.23	0.07	0.07
ES0009R	0.17	0.18	0.28	0.17	0.24	0.33	0.32	0.43	0.39	0.36	0.06	0.08
ES0010R	0.56	0.38	0.27	0.22	0.34	0.30	0.20	0.27	0.35	0.38	0.10	0.20
ES0011R	0.43	0.17	0.23	0.14	0.33	0.28	0.31	0.33	0.40	0.27	0.09	0.06
ES0012R	0.30	0.26	0.33	0.19	0.25	0.28	0.29	0.53	0.33	0.29	0.12	0.11
ES0013R	-	-	-	-	-	-	0.34	0.55	0.45	0.19	0.10	0.06
ES0014R	-	-	-	-	-	-	-	-	-	0.29	0.12	0.13
ES0015R	-	-	-	-	-	-	-	-	-	0.00	0.08	0.09
HU0002R	1.65	1.94	1.60	1.26	1.03	1.27	0.84	1.30	1.32	1.79	1.25	2.37
IT0001R	2.00	2.20	2.18	1.41	1.66	1.36	1.33	1.80	1.95	1.33	0.90	1.12
IT0004R	1.84	3.02	1.40	0.68	1.30	1.46	0.81	0.98	0.99	1.64	0.48	1.64
LV0010R	0.80	0.69	0.57	0.87	0.69	0.61	0.63	0.79	0.61	1.36	1.85	0.95
LV0016R	0.48	0.50	0.30	0.54	0.39	0.40	0.39	0.38	0.33	0.93	1.15	0.62
NL0009R	0.94	0.83	1.25	1.21	0.73	0.81	0.80	0.95	1.42	0.98	0.94	1.01
NL0010R	1.31	1.29	1.59	1.20	1.13	1.00	1.44	1.99	1.89	1.13	0.69	1.27
PL0002R	2.11	1.16	0.85	1.60	1.47	1.32	0.99	1.18	0.88	1.74	2.60	2.93
PL0003R	0.41	0.34	0.42	0.62	0.70	0.72	0.68	0.91	0.62	0.60	0.48	0.42
PL0004R	0.78	0.69	0.79	1.53	0.72	0.89	1.03	0.82	0.92	1.46	1.78	1.72
RU0001R	0.25	0.21	0.19	0.10	-	0.25	0.28	0.18	0.16	0.41	0.20	0.15
RU0018R	0.95	0.79	0.66	1.11	0.48	0.48	0.62	0.35	0.39	0.72	0.82	0.66

Table 2.14: Ammonium in aerosols 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CZ0001R	93	100	100	100	100	100	100	100	100	100	100	100
CZ0003R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	93	100	100	96	96	56	0	0	0	0	0	0
ES0003R	87	100	96	93	93	40	0	0	0	0	0	0
ES0004R	96	93	93	96	96	93	90	83	100	96	90	90
ES0005R	100	82	100	73	100	20	0	0	0	0	0	0
ES0007R	100	96	100	90	96	100	100	100	93	93	100	96
ES0008R	100	100	96	100	93	100	100	100	100	90	96	100
ES0009R	96	89	96	100	87	100	100	100	90	93	93	100
ES0010R	93	100	87	100	93	96	100	100	86	96	96	96
ES0011R	96	93	96	96	96	96	93	100	96	96	100	87
ES0012R	100	93	100	93	100	100	100	96	100	100	100	96
ES0013R	0	0	0	0	0	0	22	93	100	100	100	90
ES0014R	0	0	0	0	0	0	0	0	0	87	96	93
ES0015R	0	0	0	0	0	0	0	0	0	100	70	70
HU0002R	100	100	100	100	100	90	96	90	96	93	73	100
IT0001R	100	100	100	90	96	100	100	83	83	77	100	100
IT0004R	96	100	100	100	100	100	100	96	100	61	66	48
LV0010R	100	100	100	100	100	100	100	100	100	100	100	100
LV0016R	93	100	100	96	100	100	87	77	100	100	100	100
NL0009R	87	89	87	86	87	86	87	87	86	77	83	90
NL0010R	90	86	87	86	87	90	67	100	100	100	100	100
PL0002R	96	93	96	100	96	100	100	100	100	96	100	100
PL0003R	100	100	100	100	100	100	100	100	100	100	100	100
PL0004R	100	100	100	100	100	100	100	100	100	100	100	100
RU0001R	74	100	100	6	0	86	100	96	100	100	100	100
RU0018R	93	89	96	100	100	100	100	96	100	29	70	93

*Table 2.15: Monthly arithmetic averages of strong acid in aerosols in 2000.
(Unit: ne H⁺/m³).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ES0001R	0.	0.	0.	0.	0.	0.	-	-	-	-	-	-
ES0003R	0.	0.	0.	0.	0.	0.	-	-	-	-	-	-
ES0004R	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ES0005R	0.	0.	0.	0.	0.	0.	-	-	-	-	-	-
ES0007R	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ES0008R	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ES0009R	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ES0010R	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ES0011R	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ES0012R	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ES0013R	-	-	-	-	-	-	0.	0.	0.	0.	0.	0.
ES0014R	-	-	-	-	-	-	-	-	-	0.	0.	0.
ES0015R	-	-	-	-	-	-	-	-	-	0.	0.	0.
IT0004R	11.	16.	7.	6.	2.	5.	6.	6.	6.	5.	5.	11.

Table 2.16: Strong acid in aerosols 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ES0001R	93	100	100	96	96	56	0	0	0	0	0	0
ES0003R	87	100	96	93	93	40	0	0	0	0	0	0
ES0004R	96	93	93	96	96	93	90	83	100	96	90	90
ES0005R	100	82	100	73	100	20	0	0	0	0	0	0
ES0007R	100	96	100	90	96	100	96	100	93	93	100	96
ES0008R	100	100	96	100	93	100	100	100	100	90	96	100
ES0009R	96	89	96	100	87	100	100	100	90	93	93	100
ES0010R	93	100	87	100	93	96	100	100	86	96	96	96
ES0011R	96	93	96	96	96	96	93	100	96	96	100	87
ES0012R	100	93	100	93	100	100	100	96	100	100	100	96
ES0013R	0	0	0	0	0	0	22	93	100	100	100	90
ES0014R	0	0	0	0	0	0	0	0	0	87	96	93
ES0015R	0	0	0	0	0	0	0	0	0	100	70	70
IT0004R	96	100	100	100	100	100	100	96	100	61	66	48

*Table 2.17: Monthly arithmetic averages of suspended particulate matter in 2000.
(Unit: µg SPM/m³).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SE0002R	1.1	1.1	0.9	1.5	0.8	1.0	0.8	0.9	1.6	2.2	1.9	2.1
SE0005R	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.5	0.8	0.7
SE0008R	1.2	1.0	1.4	2.9	1.0	1.3	1.2	1.1	2.2	5.4	6.9	3.8
SE0011R	1.1	0.9	1.1	2.5	1.4	1.7	0.9	1.2	3.1	4.4	5.4	4.4

Table 2.18: Suspended particulate matter 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SE0002R	90	100	100	100	100	100	100	100	96	100	100	100
SE0005R	100	100	100	96	90	100	100	100	100	100	96	100
SE0008R	100	100	100	80	96	100	100	100	100	100	100	100
SE0011R	83	100	100	100	100	100	100	96	96	100	100	100

*Table 2.19: Monthly arithmetic averages of PM₁₀ in aerosols in 2000.
(Unit: µg/m³).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CH0001G	0.61	1.14	5.79	3.75	5.15	5.41	4.93	7.43	3.26	0.80	0.70	0.72
CH0002R	39.33	23.87	23.14	15.21	15.98	17.10	14.19	19.73	18.93	17.97	12.72	18.65
CH0003R	29.64	18.64	21.18	15.04	15.22	16.24	12.15	19.14	16.47	18.00	12.58	20.33
CH0004R	9.54	7.71	13.68	10.67	12.73	13.89	8.98	14.64	13.21	8.23	5.17	4.33
CH0005R	8.50	7.56	15.28	11.35	14.08	15.86	9.78	15.53	14.53	9.85	4.54	4.88
DE0001R	24.20	26.00	19.79	25.07	17.57	18.22	12.48	16.70	21.80	21.19	22.06	21.10
DE0002R	19.26	17.38	18.10	22.45	15.06	10.63	12.48	14.68	18.43	17.10	13.41	19.45
DE0003R	5.21	6.44	10.57	13.33	15.19	15.83	10.22	16.37	14.62	9.68	3.56	4.34
DE0004R	15.52	14.38	16.61	13.57	16.07	14.63	12.90	19.36	19.23	13.19	9.73	12.15
DE0005R	10.31	10.86	10.10	15.30	14.45	13.73	10.03	15.74	15.17	11.58	5.83	5.00
DE0007R	17.61	15.81	12.74	22.57	18.93	14.14	12.74	14.96	20.75	22.74	15.67	19.43
DE0008R	11.71	11.31	10.53	15.60	18.07	14.21	9.27	15.32	14.50	9.81	6.03	8.29
DE0009R	19.14	20.34	16.52	25.27	18.84	18.50	11.60	14.87	19.33	25.45	20.67	20.64
ES0001R	12.07	14.79	31.10	9.14	21.43	34.35	-	-	-	-	-	-
ES0003R	28.41	48.34	61.30	29.14	42.72	35.00	-	-	-	-	-	-
ES0004R	31.79	36.07	43.15	19.07	35.00	43.75	31.36	40.12	42.17	32.21	19.80	23.07
ES0005R	13.90	11.48	39.39	11.96	15.26	15.33	-	-	-	-	-	-
ES0007R	24.68	41.48	55.97	29.16	41.80	59.97	69.68	73.57	54.46	31.00	18.74	15.90
ES0008R	25.90	28.62	39.33	20.83	33.45	37.28	27.80	28.48	34.80	25.07	15.90	18.62
ES0009R	6.00	9.00	26.90	7.68	21.22	30.25	24.17	36.94	37.56	21.30	8.86	6.93
ES0010R	33.14	35.59	38.37	31.67	35.66	41.24	45.07	59.77	36.38	38.21	22.14	30.17
ES0011R	17.83	18.04	39.21	18.29	29.83	49.68	40.85	41.66	40.93	23.21	12.30	11.35
ES0012R	13.36	22.15	32.19	13.30	24.68	33.57	42.27	48.83	36.07	25.59	9.90	10.23
ES0013R	-	-	-	-	-	-	16.14	27.07	29.86	14.64	7.32	6.04
ES0014R	-	-	-	-	-	-	-	-	-	36.63	21.24	22.83
ES0015R	-	-	-	-	-	-	-	-	-	0.87	10.45	8.04

Table 2.20: PM₁₀ in aerosols in 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CH0001G	100	93	100	100	100	100	100	100	100	100	93	87
CH0002R	100	100	100	100	100	100	100	83	86	100	96	100
CH0003R	100	100	100	100	100	100	100	96	100	100	100	96
CH0004R	100	100	100	100	100	100	100	100	100	100	100	100
CH0005R	96	100	100	100	100	100	100	100	100	100	96	100
DE0001R	96	100	90	96	96	76	100	96	100	100	56	100
DE0002R	100	100	93	96	100	100	100	100	100	100	96	100
DE0003R	100	89	96	90	87	100	87	96	86	80	83	100
DE0004R	100	100	100	100	100	100	100	100	100	100	100	87
DE0005R	100	100	100	100	100	100	100	100	100	100	100	100
DE0007R	100	93	100	100	87	93	100	80	93	100	100	96
DE0008R	100	100	100	100	100	96	96	100	100	100	100	100
DE0009R	93	100	87	100	100	100	48	100	100	100	100	90
ES0001R	93	100	100	93	96	56	0	0	0	0	0	0
ES0003R	87	100	96	93	93	40	0	0	0	0	0	0
ES0004R	93	93	87	93	96	93	90	83	100	90	83	90
ES0005R	100	79	100	73	100	20	0	0	0	0	0	0
ES0007R	100	93	96	83	96	96	100	96	93	90	90	93
ES0008R	100	100	96	100	93	96	64	100	100	90	96	93
ES0009R	96	93	96	93	87	93	93	100	90	87	70	90
ES0010R	93	100	87	100	93	70	90	96	86	93	93	96
ES0011R	93	89	90	93	93	93	87	93	96	93	100	74
ES0012R	100	93	100	90	100	100	96	96	96	93	96	96
ES0013R	0	0	0	0	0	0	22	93	93	100	93	90
ES0014R	0	0	0	0	0	0	0	0	0	87	96	93
ES0015R	0	0	0	0	0	0	0	0	0	100	66	70

*Table 2.21: Monthly arithmetic averages of sodium in aerosols in 2000.
(Unit: µg/m³).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
DK0003R	2.53	2.55	1.42	0.68	0.71	1.65	1.03	0.95	0.67	0.95	0.79	0.99
DK0005R	2.66	4.26	1.71	1.18	1.31	1.77	1.18	1.55	1.64	2.17	2.94	2.16
DK0008R	3.13	3.23	2.33	1.10	1.08	1.85	1.10	1.61	1.05	1.50	1.67	1.69
NO0001R	0.54	0.85	0.38	0.30	0.39	0.56	0.15	0.26	0.51	0.58	0.38	0.56
NO0008R	1.17	1.03	0.56	0.23	0.27	0.49	0.13	0.22	0.33	0.42	0.40	0.41
NO0015R	0.79	0.45	0.53	0.30	0.33	0.22	0.11	0.08	0.14	0.10	0.03	0.18
NO0039R	0.54	0.31	0.38	0.10	0.31	0.24	0.09	0.09	0.09	0.04	0.02	0.05
NO0041R	0.25	0.18	0.19	0.10	0.14	0.15	0.03	0.04	0.09	0.14	0.10	0.14
NO0042R	0.33	0.17	0.25	0.27	0.14	0.15	0.20	0.11	0.21	0.17	0.15	0.34
NO0055R	0.25	0.25	0.46	0.23	0.22	0.24	0.20	0.13	0.12	0.12	0.04	0.14

Table 2.22: Sodium in aerosols in 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
DK0003R	96	100	90	100	100	50	90	51	100	100	96	100
DK0005R	90	96	96	100	96	100	100	96	100	100	100	100
DK0008R	93	93	100	100	100	100	93	100	100	100	100	83
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	96	100	100
NO0015R	100	100	100	100	100	96	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	100	100	100
NO0041R	100	100	93	100	100	96	67	80	100	100	100	100
NO0042R	100	68	87	100	100	100	100	100	100	96	100	100
NO0055R	100	96	100	100	100	100	100	100	100	100	100	100

*Table 2.23: Monthly arithmetic averages of calcium in aerosols in 2000.
(Unit: $\mu\text{g}/\text{m}^3$).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NO0001R	0.02	0.03	0.03	0.06	0.07	0.06	0.03	0.02	0.07	0.04	0.02	0.02
NO0008R	0.05	0.04	0.05	0.05	0.08	0.06	0.03	0.03	0.06	0.03	0.01	0.02
NO0015R	0.03	0.01	0.02	0.02	0.06	0.02	0.02	0.02	0.02	0.03	0.01	0.01
NO0039R	0.02	0.01	0.02	0.02	0.05	0.03	0.02	0.01	0.01	0.02	0.01	0.01
NO0041R	0.01	0.01	0.02	0.04	0.06	0.05	0.01	0.01	0.04	0.03	0.01	0.01
NO0042R	0.03	0.01	0.03	0.03	0.03	0.01	0.02	0.02	0.02	0.03	0.01	0.02
NO0055R	0.01	0.01	0.03	0.02	0.06	0.01	0.02	0.01	0.01	0.03	0.01	0.01

Table 2.24: Calcium in aerosols in 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	96	100	100
NO0015R	100	100	100	100	100	96	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	100	100	100
NO0041R	100	100	93	100	100	96	67	80	100	100	100	100
NO0042R	100	68	87	100	100	100	100	100	100	96	100	100
NO0055R	100	96	100	100	100	100	100	100	100	100	100	100

*Table 2.25: Monthly arithmetic averages of magnesium in aerosols in 2000.
(Unit: $\mu\text{g}/\text{m}^3$).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NO0001R	0.059	0.094	0.042	0.037	0.050	0.068	0.018	0.030	0.064	0.061	0.041	0.064
NO0008R	0.132	0.114	0.065	0.026	0.035	0.057	0.015	0.026	0.039	0.045	0.033	0.046
NO0015R	0.091	0.045	0.062	0.033	0.046	0.024	0.014	0.010	0.017	0.012	0.005	0.019
NO0039R	0.057	0.031	0.044	0.013	0.038	0.026	0.012	0.011	0.011	0.008	0.006	0.006
NO0041R	0.027	0.013	0.020	0.012	0.019	0.018	0.006	0.005	0.008	0.018	0.010	0.014
NO0042R	0.048	0.022	0.036	0.040	0.024	0.018	0.029	0.015	0.026	0.026	0.013	0.057
NO0055R	0.026	0.025	0.056	0.024	0.027	0.027	0.026	0.015	0.015	0.012	0.005	0.014

Table 2.26: Magnesium in aerosols in 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	96	100	100
NO0015R	100	100	100	100	100	96	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	100	100	100
NO0041R	100	100	93	100	100	96	67	80	100	100	100	100
NO0042R	100	68	87	100	100	100	100	100	100	96	100	100
NO0055R	100	96	100	100	100	100	100	100	100	100	100	100

*Table 2.27: Monthly arithmetic averages of potassium in aerosols in 2000.
(Unit: $\mu\text{g}/\text{m}^3$).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NO0001R	0.02	0.04	0.02	0.05	0.08	0.06	0.04	0.04	0.09	0.06	0.04	0.04
NO0008R	0.05	0.04	0.03	0.03	0.04	0.04	0.03	0.03	0.06	0.05	0.03	0.03
NO0015R	0.03	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.03	0.01	0.01
NO0039R	0.02	0.01	0.01	0.02	0.03	0.03	0.04	0.03	0.03	0.02	0.01	0.01
NO0041R	0.02	0.01	0.02	0.03	0.04	0.05	0.04	0.04	0.06	0.05	0.02	0.02
NO0042R	0.01	0.01	0.01	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
NO0055R	0.01	0.01	0.01	0.02	0.03	0.01	0.03	0.03	0.02	0.06	0.01	0.02

Table 2.28: Potassium in aerosols in 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	93	100	100
NO0015R	100	100	100	100	100	96	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	100	100	100
NO0041R	100	100	93	100	100	96	67	80	100	100	100	100
NO0042R	100	68	87	100	100	100	100	100	100	96	100	100
NO0055R	100	96	100	100	100	100	100	100	100	100	100	100

*Table 2.29: Monthly arithmetic averages of chloride in aerosols in 2000.
(Unit: $\mu\text{g}/\text{m}^3$).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NO0001R	1.35	1.23	0.52	0.17	0.32	0.43	0.08	0.17	0.63	0.69	0.33	0.56
NO0008R	2.12	1.59	0.90	0.17	0.18	0.56	0.08	0.18	0.41	0.40	0.41	0.42
NO0015R	0.95	0.73	0.89	0.44	0.42	0.26	0.08	0.06	0.06	0.09	0.01	0.24
NO0039R	1.04	0.49	0.63	0.12	0.34	0.27	0.04	0.06	0.13	0.03	0.02	0.05
NO0041R	0.34	0.16	0.26	0.04	0.09	0.11	0.02	0.02	0.21	0.07	0.03	0.08
NO0042R	0.51	0.26	0.33	0.38	0.18	0.21	0.27	0.16	0.35	0.31	0.15	0.56
NO0055R	0.34	0.32	0.68	0.30	0.23	0.27	0.20	0.09	0.18	0.11	0.02	0.18

Table 2.30: Chloride in aerosols in 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	100	100	100
NO0015R	100	100	100	100	100	96	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	100	100	90
NO0041R	100	100	93	100	100	96	67	83	100	100	100	93
NO0042R	100	68	96	90	100	100	100	100	100	100	100	100
NO0055R	100	96	100	100	100	100	100	100	100	100	100	100

*Table 2.31: Monthly arithmetic averages of the sum of nitric acid and nitrate in aerosols in 2000.
(Unit: $\mu\text{g N}/\text{m}^3$).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	-	0.72	0.70	0.66	0.56	0.48	0.32	0.49	0.53	0.89	1.37	0.70
CH0005R	0.59	0.53	1.02	0.74	0.72	0.84	0.45	0.77	0.94	0.65	0.29	0.34
DK0003R	0.55	0.95	0.60	1.75	0.93	0.47	0.44	0.44	0.84	1.19	1.29	0.87
DK0005R	1.10	1.35	1.03	1.93	1.00	0.92	0.57	0.97	0.98	1.61	1.54	1.08
DK0008R	0.71	0.91	0.45	1.38	0.83	0.77	0.44	0.74	0.64	1.34	1.42	0.86
ES0001R	0.23	0.40	0.49	0.12	0.24	0.26	-	-	-	-	-	-
ES0003R	1.24	1.07	0.97	0.44	0.67	0.45	-	-	-	-	-	-
ES0004R	0.85	0.40	0.17	0.04	0.02	0.03	0.02	0.07	0.05	0.13	0.10	0.10
ES0005R	0.53	0.29	0.81	0.33	0.38	0.31	-	-	-	-	-	-
ES0007R	0.66	0.79	0.70	0.29	0.43	0.41	0.60	0.51	0.54	0.49	0.30	0.30
ES0008R	0.51	0.59	1.21	0.29	0.66	0.61	0.51	0.57	0.56	0.37	0.20	0.17
ES0009R	0.26	0.20	0.20	0.08	0.17	0.21	0.20	0.21	0.17	0.13	0.09	0.12
ES0010R	0.19	0.13	0.08	0.04	0.12	0.16	0.13	0.10	0.06	0.05	0.07	0.10
ES0011R	0.29	0.13	0.19	0.10	0.23	0.32	0.21	0.20	0.25	0.10	0.16	0.12
ES0012R	0.49	0.52	0.61	0.25	0.39	0.48	0.39	0.35	0.41	0.38	0.26	0.25
ES0013R	-	-	-	-	-	-	0.37	0.34	0.09	0.10	0.12	0.10
ES0014R	-	-	-	-	-	-	-	-	-	0.41	0.26	0.28

Table 2.31 contd.

ES0015R	-	-	-	-	-	-	-	-	-	0.01	0.27	0.29
FI0009R	0.24	0.47	0.22	0.62	0.35	0.33	0.31	0.35	0.32	0.58	0.59	0.48
FI0017R	0.28	0.34	0.24	0.35	0.27	0.29	0.21	0.20	0.16	0.38	0.27	0.33
FI0022R	0.07	0.08	0.06	0.08	0.07	0.06	0.05	0.03	0.05	0.11	0.10	0.04
FI0037R	0.14	0.20	0.11	0.19	0.15	0.14	0.09	0.09	0.13	0.29	0.19	0.17
GB0002R	0.14	0.17	0.27	0.47	0.37	0.25	0.21	0.20	0.28	0.17	0.19	0.08
LT0015R	0.78	0.64	0.52	0.62	0.42	0.43	0.43	0.51	0.37	0.81	1.14	0.82
LV0010R	0.42	0.43	0.24	0.16	0.14	0.22	0.17	0.22	0.17	0.23	0.33	0.31
LV0016R	0.33	0.26	0.14	0.15	0.08	0.12	0.10	0.14	0.10	0.37	0.23	0.20
NO0001R	0.08	0.16	0.10	0.32	0.21	0.23	0.10	0.13	0.29	0.38	0.26	0.19
NO0008R	0.07	0.10	0.08	0.19	0.28	0.19	0.07	0.10	0.14	0.23	0.15	0.14
NO0015R	0.03	0.03	0.04	0.04	0.16	0.05	0.05	0.09	0.05	0.06	0.04	0.08
NO0039R	0.03	0.03	0.03	0.04	0.11	0.05	0.05	0.07	0.04	0.11	0.03	0.03
NO0041R	0.07	0.07	0.06	0.09	0.09	0.10	0.03	0.03	0.05	0.17	0.10	0.08
NO0042R	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.03
NO0055R	0.04	0.04	0.04	0.05	0.07	0.16	0.40	0.04	0.06	0.07	0.03	0.03
PL0002R	1.03	0.82	0.77	0.88	0.45	0.64	0.45	0.44	0.49	0.96	1.19	1.22
PL0003R	0.23	0.19	0.21	0.27	0.42	0.41	0.36	0.37	0.26	0.23	0.19	0.15
PL0004R	0.74	0.66	0.59	0.79	0.45	0.50	0.31	0.46	0.37	0.89	1.13	0.90
PL0005R	0.66	0.50	0.39	0.34	0.16	0.30	0.33	0.25	0.43	0.65	0.89	0.88
SE0002R	0.61	0.65	0.38	1.05	0.68	0.66	0.32	0.48	0.41	0.93	0.96	0.64
SE0005R	0.12	0.06	0.04	0.15	0.34	0.04	0.04	0.02	0.03	0.06	0.06	0.04
SE0011R	0.70	0.80	0.65	0.95	0.69	0.55	0.30	0.49	0.52	0.96	0.97	0.58
SE0012R	0.19	0.30	0.15	-	-	-	-	-	-	-	-	-
SI0008R	0.40	0.36	0.47	0.26	0.20	0.22	0.23	0.15	0.16	0.19	0.10	0.20

Table 2.32: Sum of nitric acid and nitrate in aerosols in 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0	82	100	96	100	100	96	100	100	100	100	74
CH0005R	100	100	100	100	100	93	100	100	100	100	100	100
DK0003R	96	100	90	100	100	50	90	48	100	100	96	100
DK0005R	90	96	100	100	96	96	100	100	100	100	96	100
DK0008R	93	93	100	100	100	100	93	100	100	100	100	83
ES0001R	100	100	100	100	100	60	0	0	0	0	0	0
ES0003R	100	100	100	93	100	40	0	0	0	0	0	0
ES0004R	100	100	96	100	100	90	80	96	100	93	96	100
ES0005R	100	100	100	76	87	20	0	0	0	0	0	0
ES0007R	100	96	100	90	96	100	96	100	73	93	100	96
ES0008R	100	100	100	100	100	100	100	100	100	100	100	100
ES0009R	100	96	100	100	100	100	100	100	96	100	96	100
ES0010R	90	100	100	100	90	96	100	96	96	96	93	96
ES0011R	100	100	100	96	100	96	100	100	100	93	100	100
ES0012R	96	100	100	96	100	100	100	100	100	100	100	96
ES0013R	0	0	0	0	0	0	25	100	96	100	100	100
ES0014R	0	0	0	0	0	0	0	0	0	96	90	100
ES0015R	0	0	0	0	0	0	0	0	0	100	83	80
FI0009R	100	100	100	100	100	100	100	100	100	100	100	100
FI0017R	100	100	100	100	100	100	100	100	100	100	96	100
FI0022R	100	100	93	100	100	100	100	100	100	100	100	100
FI0037R	100	100	100	100	100	100	100	100	100	100	76	100
GB0002R	100	100	100	100	100	100	100	100	100	100	100	6
LT0015R	96	100	100	96	93	100	90	100	100	93	100	100
LV0010R	100	100	100	100	100	100	100	100	100	100	100	100
LV0016R	90	86	100	86	100	100	87	80	100	100	100	100
NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	93	100	100
NO0015R	100	100	100	100	100	96	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	96	100	77
NO0041R	100	100	93	100	100	96	67	83	100	96	100	93
NO0042R	100	68	96	90	100	100	100	100	100	100	90	83
NO0055R	100	96	100	100	100	100	100	100	100	100	100	100
PL0002R	96	93	96	100	87	100	100	100	100	100	100	100
PL0003R	100	100	100	100	100	100	100	100	100	100	100	100
PL0004R	100	100	100	100	100	100	100	100	100	100	96	100
PL0005R	100	100	90	80	100	100	100	100	96	96	100	96
SE0002R	90	100	100	100	100	96	100	100	96	100	96	100
SE0005R	96	100	100	96	93	96	100	96	96	96	93	100
SE0011R	90	100	100	100	100	100	96	96	96	100	100	100
SE0012R	100	96	100	0	0	0	0	0	0	0	0	0
SI0008R	96	100	100	100	100	100	100	100	100	100	100	100

*Table 2.33: Monthly arithmetic averages of the sum of ammonia in aerosols in 2000.
(Unit: $\mu\text{g N/m}^3$).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	-	1.89	2.26	2.89	2.89	2.40	2.04	3.02	3.26	3.50	2.92	2.06
CH0005R	0.81	0.93	2.17	1.51	2.47	2.82	1.55	3.05	2.14	1.23	0.68	0.70
DK0003R	1.40	1.78	2.25	5.53	4.22	1.78	2.35	2.33	2.28	2.33	2.03	2.02
DK0005R	2.38	2.26	2.33	4.16	2.99	2.64	2.04	2.74	2.64	3.08	2.69	1.91
DK0008R	0.96	1.12	0.71	2.20	1.38	1.38	0.69	1.16	1.05	1.93	1.71	1.17
ES0001R	0.07	0.06	0.47	0.67	1.78	1.47	-	-	-	-	-	-
ES0003R	0.77	1.00	1.22	0.78	0.95	1.05	-	-	-	-	-	-
ES0004R	1.32	1.12	0.75	0.40	0.45	0.18	0.16	0.24	0.37	0.23	1.16	2.79
ES0005R	0.07	0.08	0.16	0.10	0.10	0.15	-	-	-	-	-	-
ES0007R	2.03	3.56	2.86	1.22	1.45	1.08	1.71	1.80	1.57	1.05	0.64	0.66
ES0008R	2.52	3.03	5.19	1.82	4.58	4.21	3.00	2.60	1.65	0.81	0.36	0.53
ES0009R	0.26	0.39	0.35	0.20	0.27	0.28	0.30	0.26	0.27	0.12	0.17	0.18
ES0010R	3.21	2.59	2.55	1.12	2.11	1.38	0.81	2.02	1.73	1.36	1.23	1.33
ES0011R	1.98	1.35	0.88	0.69	1.49	1.68	1.58	1.38	1.33	0.86	0.46	0.34
ES0012R	2.06	3.15	3.85	1.48	2.25	2.60	3.06	3.10	2.20	1.71	1.08	1.01
ES0013R	-	-	-	-	-	-	0.56	0.34	1.82	0.78	0.50	0.40
ES0014R	-	-	-	-	-	-	-	-	-	1.11	0.94	2.23
ES0015R	-	-	-	-	-	-	-	-	-	0.01	0.98	0.67
FI0009R	0.19	0.35	0.30	0.79	0.37	0.47	0.33	0.44	0.37	1.01	0.74	0.45
FI0017R	0.39	0.50	0.49	1.32	1.21	1.27	1.70	0.97	0.56	1.31	0.85	0.75
FI0022R	0.14	0.11	0.15	0.19	0.19	0.16	0.19	0.15	0.19	0.42	0.16	0.09
FI0037R	0.15	0.21	0.22	0.44	0.40	0.35	0.29	0.27	0.31	0.79	0.36	0.25
GB0002R	0.37	0.38	0.66	0.88	0.92	0.76	0.64	0.67	0.70	0.30	0.36	-
LT0015R	2.68	0.97	0.93	1.56	1.29	1.03	1.25	1.40	1.11	2.78	2.75	2.84
LV0010R	1.15	1.01	0.77	1.30	1.08	1.00	1.01	1.14	1.07	1.71	2.15	1.20
LV0016R	0.66	0.80	0.44	0.84	0.59	0.65	0.65	0.57	0.51	1.20	1.37	0.76
NO0001R	0.04	0.18	0.20	0.77	0.65	0.45	0.54	0.41	0.58	0.68	0.43	0.27
NO0008R	0.66	0.66	0.96	1.53	2.62	1.41	1.61	1.13	0.61	0.65	0.60	1.14
NO0015R	0.44	0.31	0.78	1.44	1.94	1.70	1.16	1.04	0.70	0.47	0.20	0.41
NO0039R	0.07	0.12	0.16	0.40	0.49	0.51	1.23	0.68	1.96	0.53	0.21	0.30
NO0041R	0.07	0.11	0.20	0.44	0.40	0.32	0.28	0.37	0.42	0.50	0.23	0.14
NO0042R	0.08	0.07	0.17	0.12	0.07	0.11	0.13	0.13	0.14	0.10	0.10	0.07
NO0055R	0.21	0.24	0.32	0.33	0.44	0.57	0.79	0.78	1.08	0.73	0.46	0.40
PL0002R	2.53	1.74	2.01	2.81	2.09	1.73	1.41	2.03	1.47	3.20	3.42	4.04
PL0003R	0.63	0.49	0.66	0.90	1.15	1.25	1.05	1.34	0.92	0.81	0.69	0.55
PL0004R	0.91	0.86	1.15	1.95	1.26	1.46	1.37	1.32	1.45	1.92	2.02	2.00
PL0005R	1.42	0.58	0.85	1.85	1.29	0.98	1.25	1.48	1.33	2.25	1.97	1.45
SE0002R	0.64	0.62	0.51	1.63	0.91	1.10	0.47	0.71	0.84	1.44	1.06	0.81
SE0005R	0.14	0.07	0.07	0.33	0.52	0.16	0.15	0.12	0.23	0.39	0.16	0.06
SE0011R	0.95	0.94	1.14	2.08	1.86	0.86	0.91	1.38	1.42	1.78	1.40	0.89
SE0012R	0.13	0.21	0.31	-	-	-	-	-	-	-	-	-
SI0008R	0.95	0.81	0.93	0.88	1.13	1.25	0.81	1.19	1.24	0.92	0.25	0.48
TR0001R	0.54	0.74	-	-	-	-	-	-	-	-	-	-

Table 2.34: Sum of ammonia in aerosols in 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0	82	100	96	100	100	96	100	100	100	96	74
CH0005R	100	100	100	100	100	93	100	100	100	100	100	100
DK0003R	96	100	90	100	100	50	90	51	100	100	96	100
DK0005R	90	96	100	100	96	100	100	100	93	100	100	100
DK0008R	93	93	100	100	100	100	93	100	100	100	100	83
ES0001R	100	100	100	100	100	60	0	0	0	0	0	0
ES0003R	100	100	100	93	100	33	0	0	0	0	0	0
ES0004R	100	100	100	100	100	96	90	90	100	96	80	100
ES0005R	100	100	93	76	90	16	0	0	0	0	0	0
ES0007R	80	96	100	90	96	100	100	100	76	90	100	96
ES0008R	100	100	100	100	100	100	100	100	96	100	100	100
ES0009R	100	96	100	100	100	100	100	100	96	100	93	100
ES0010R	87	96	96	96	83	93	100	93	90	96	96	90
ES0011R	100	100	61	100	100	100	100	100	96	100	100	87
ES0012R	100	100	100	96	100	100	96	100	100	100	100	96
ES0013R	0	0	0	0	0	0	25	74	86	100	100	100
ES0014R	0	0	0	0	0	0	0	0	0	96	100	100
ES0015R	0	0	0	0	0	0	0	0	0	96	73	80
FI0009R	96	100	100	100	100	100	100	100	100	100	100	100
FI0017R	100	100	100	100	100	100	100	100	100	100	100	100
FI0022R	96	100	93	100	100	100	100	100	100	100	100	100
FI0037R	100	100	100	100	100	100	100	100	100	96	100	100
GB0002R	100	100	100	100	100	100	100	100	100	100	100	3
LT0015R	93	100	100	96	96	96	100	100	100	93	100	100
LV0010R	100	100	100	100	100	100	100	100	100	100	100	100
LV0016R	93	100	100	96	100	100	87	80	100	100	100	100

Table 2.34 contd.

NO0001R	100	100	100	100	100	100	100	100	100	100	100	100
NO0008R	100	100	100	100	100	100	80	64	100	96	100	100
NO0015R	100	100	100	100	100	93	100	100	100	100	100	100
NO0039R	100	82	100	100	100	100	100	100	100	96	100	100
NO0041R	100	100	93	100	100	96	67	80	100	100	100	100
NO0042R	100	68	87	100	100	100	100	100	100	96	90	96
NO0055R	100	93	100	100	100	100	100	100	100	100	100	100
PL0002R	96	93	96	100	96	100	100	100	100	100	100	100
PL0003R	100	100	100	100	100	100	100	100	100	100	100	100
PL0004R	100	100	100	100	100	100	100	100	100	100	96	100
PL0005R	100	100	90	80	100	100	100	100	100	100	100	96
SE0002R	90	100	100	100	100	96	100	100	96	100	100	100
SE0005R	96	100	100	96	93	100	100	96	100	100	96	100
SE0011R	90	96	100	100	100	30	96	96	96	100	100	100
SE0012R	100	96	100	0	0	0	0	0	0	0	0	0
SI0008R	96	100	100	100	100	96	100	100	100	100	100	100
TR0001R	70	79	0	0	0	0	0	0	0	0	0	0

Annex 3

Monthly weighted mean concentrations of precipitation components

Table 3.1: Monthly precipitation amounts in 2000 (mm).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	24.7	12.0	71.1	45.5	16.0	11.9	74.0	35.6	52.4	46.8	11.1	29.8
AT0004R	54.6	90.6	171.3	23.9	122.1	93.3	167.7	167.7	173.8	74.5	53.4	53.6
AT0005R	10.4	4.1	87.0	78.3	120.0	116.7	138.7	113.1	136.0	272.6	337.3	36.4
CH0002R	8.1	81.4	39.9	78.5	95.8	54.8	147.0	78.8	56.8	79.6	103.9	41.9
CH0004R	30.3	146.1	17.7	64.2	139.9	68.8	172.3	93.7	49.7	136.2	105.4	72.1
CH0005R	22.7	66.1	96.3	62.6	90.8	107.4	268.0	141.8	144.5	104.3	89.0	19.1
CZ0001R	71.1	79.0	132.2	18.6	70.1	34.5	152.3	32.3	24.0	42.0	22.3	43.4
CZ0003R	56.4	57.8	105.6	11.5	79.1	50.2	107.7	47.0	30.2	63.7	16.2	28.4
CZ0003R	61.2	44.1	119.3	11.5	60.6	63.2	113.2	37.4	38.2	61.5	20.0	28.2
DE0002R	17.1	31.6	53.8	26.6	15.5	31.3	99.2	61.6	26.1	21.7	21.3	23.0
DE0004R	31.5	76.9	72.1	39.4	75.3	43.9	144.4	44.6	136.1	66.5	110.6	54.3
DK0005R	66.7	53.9	42.2	78.0	24.4	42.2	21.9	57.2	29.1	57.4	35.3	9.9
DK0008R	41.0	51.8	40.9	127.9	20.1	57.4	31.9	84.9	58.5	88.3	99.9	9.0
DK0022R	-	-	86.3	99.5	31.8	21.9	45.0	118.9	37.2	137.8	107.0	13.9
EE0009R	45.7	35.6	40.5	9.1	38.5	76.4	85.9	90.6	10.2	90.6	39.3	46.1
EE0011R	29.7	24.6	20.9	15.6	40.0	49.3	61.1	89.2	0.0	118.6	47.8	8.4
ES0001R	14.0	9.2	9.6	136.0	38.0	1.2	-	-	-	-	-	-
ES0003R	35.7	0.3	58.3	62.1	43.4	36.2	-	-	-	-	-	-
ES0004R	6.0	1.6	13.8	26.2	39.4	42.2	27.6	7.0	8.0	49.2	81.8	27.4
ES0005R	0.0	0.0	0.0	465.6	206.5	-	-	-	-	-	-	-
ES0007R	15.6	0.0	24.0	142.6	78.2	0.0	0.0	0.0	35.2	62.0	113.2	124.8
ES0008R	18.8	23.6	76.2	87.6	44.4	30.8	37.0	16.6	47.0	89.2	133.4	56.2
ES0009R	7.6	4.6	20.6	109.6	49.4	6.2	16.4	0.6	14.4	29.4	105.8	104.4
ES0010R	52.4	2.8	12.0	25.8	69.2	36.4	6.2	8.0	10.4	15.6	12.2	77.6
ES0011R	12.8	8.2	12.4	126.2	35.8	5.0	0.0	1.0	11.8	44.4	113.0	130.6
ES0012R	19.4	0.0	32.4	36.4	26.0	6.8	3.4	3.6	40.8	53.6	13.0	30.6
ES0013R	-	-	-	-	-	-	-	8.6	16.0	45.4	82.4	89.0
ES0014R	-	-	-	-	-	-	-	-	-	-	50.4	26.4
ES0015R	-	-	-	-	-	-	-	-	-	-	66.2	114.4
FI0004R	51.1	51.7	17.1	34.9	35.4	42.0	93.2	83.8	11.9	50.1	96.3	49.5
FI0009R	6.8	2.5	6.5	7.6	25.0	37.0	60.6	22.0	13.4	35.8	60.4	30.8
FI0017R	20.5	27.2	25.7	20.2	38.3	53.5	54.5	42.3	31.5	92.8	85.4	52.9
FI0022R	48.3	33.3	31.0	38.6	44.1	51.5	46.1	61.1	21.8	49.0	52.3	52.7
FR0003R	27.1	69.5	17.3	77.4	82.0	65.5	127.4	33.8	50.9	179.6	223.3	86.2
FR0005R	41.1	72.8	49.1	97.4	101.5	19.2	82.8	9.6	74.6	223.7	198.1	169.5
FR0008R	119.8	240.5	100.8	64.8	206.0	70.8	271.8	65.0	123.5	132.7	188.8	94.5
FR0009R	103.2	133.8	87.6	80.2	128.0	22.2	221.5	61.6	94.8	184.5	236.4	166.6
FR0010R	44.7	149.9	64.9	67.0	112.8	85.3	174.7	99.8	101.7	118.9	117.7	53.3
FR0012R	12.0	162.7	111.1	209.6	107.8	154.5	129.9	108.1	53.9	236.8	249.2	99.6
FR0013R	5.0	76.3	71.7	125.7	75.5	80.0	56.8	37.0	34.9	90.2	177.1	52.1
FR0014R	44.8	119.5	42.9	66.9	84.8	48.9	164.8	115.8	82.6	96.9	102.8	88.8
GB0002R	-	-	-	41.0	49.6	47.3	43.7	72.7	-	-	149.2	158.8
HU0002R	2.0	20.8	25.1	41.2	26.3	15.8	26.7	10.0	31.9	1.3	17.9	26.6
IE0002R	101.5	119.7	50.7	106.3	96.7	102.4	74.4	129.8	88.1	114.3	-	-
IE0003R	68.6	119.7	34.3	27.4	17.7	23.9	19.9	37.3	17.6	140.5	117.1	85.1
IE0004R	99.4	138.1	48.2	80.6	73.5	67.8	57.3	73.6	129.3	165.2	-	-
IS0002R	92.4	113.7	253.2	75.9	201.0	61.9	175.1	109.8	206.5	132.9	44.1	52.3
IT0001R	29.6	31.8	108.1	162.1	34.4	11.9	60.4	1.6	59.6	189.7	204.6	1.6
IT0004R	0.0	5.9	70.2	323.4	219.9	93.8	180.7	131.7	227.8	332.2	423.7	97.4
LT0015R	22.9	17.8	38.9	10.1	31.0	33.8	29.7	29.2	18.7	24.4	53.2	42.5
LV0010R	57.1	53.5	51.7	16.1	28.7	48.8	83.8	58.2	9.2	44.9	94.1	50.9
LV0016R	39.9	37.6	75.4	30.4	25.7	64.1	165.7	90.3	16.3	45.9	47.3	36.6
NL0009R	45.3	55.8	57.7	27.7	78.9	29.5	69.2	47.8	88.4	81.6	71.3	57.6
NO0001R	129.1	153.0	62.1	108.9	138.3	78.3	155.1	79.9	218.9	352.3	735.0	204.3
NO0008R	284.1	374.8	170.6	141.3	229.4	179.2	36.1	165.6	203.4	511.5	419.9	281.4
NO0015R	254.1	160.8	175.6	41.9	69.1	152.5	64.8	146.9	103.8	62.1	28.6	52.9
NO0039R	208.4	141.4	233.8	39.8	58.3	196.6	71.9	150.1	38.1	24.8	1.1	78.7
NO0041R	26.1	31.1	18.9	91.5	60.8	98.1	90.4	67.3	43.7	189.0	188.6	65.8
NO0055R	33.0	13.0	10.0	30.9	23.0	47.2	19.5	37.0	47.2	10.7	15.4	17.2
NO0099R	84.4	128.9	55.4	132.2	68.2	59.0	46.2	100.1	133.0	402.2	284.3	157.1
PL0002R	36.1	32.0	54.6	48.0	35.2	25.6	164.7	51.0	48.6	3.5	44.1	36.3
PL0003R	64.9	169.9	157.1	28.3	83.7	52.9	133.9	35.5	73.6	63.9	72.0	90.1
PL0004R	34.9	36.7	69.7	23.0	19.3	110.9	98.0	46.6	29.3	47.5	41.2	37.2
PL0005R	56.3	40.2	67.8	26.0	39.7	45.2	94.6	68.7	27.0	4.9	58.9	35.3
RU0001R	54.0	24.2	37.2	82.3	34.0	60.0	40.1	47.1	38.5	15.7	23.8	26.3
RU0013R	29.7	29.8	23.5	35.2	78.8	56.0	16.8	18.2	98.7	42.9	30.4	17.7
RU0016R	49.4	97.0	62.0	16.1	69.8	71.7	111.5	67.8	13.8	83.6	49.1	53.6
RU0018R	32.3	42.3	26.5	30.2	15.8	90.5	91.4	35.0	73.5	23.2	30.4	89.7
SE0002R	29.5	61.9	23.5	72.6	73.7	72.7	57.5	51.5	47.2	121.3	151.1	123.6
SE0005R	53.7	32.8	9.5	60.8	67.0	54.7	146.4	99.2	31.9	103.2	83.3	62.7
SE0011R	46.7	48.2	56.2	44.1	37.9	145.2	78.0	63.7	79.8	93.3	62.3	48.6
SE0012R	10.6	-	12.5	10.1	-	-	-	-	-	-	-	-
SK0002R	62.7	81.1	186.6	94.0	37.5	89.9	189.3	38.1	58.7	38.3	89.1	80.9
SK0004R	33.2	34.2	101.9	64.2	82.9	119.9	136.0	97.5	128.0	8.5	59.1	43.1
SK0005R	47.9	49.5	106.9	64.6	74.7	108.7	207.2	53.7	57.4	36.3	53.9	27.3
SK0006R	99.3	68.8	96.0	47.2	50.5	84.5	220.9	20.5	74.7	5.3	51.5	62.5
TR0001R	0.6	-	-	44.7	16.7	27.1	0.0	6.7	0.0	17.4	22.0	13.3
YU0005R	37.1	31.3	25.0	49.6	60.8	18.4	64.5	13.8	85.2	4.9	10.0	31.5
YU0008R	25.4	63.0	78.4	157.6	38.7	88.5	95.0	72.2	97.0	215.1	278.2	240.9

Table 3.2: Precipitation amounts 2000. Number of days with measurements.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	31	29	31	30	31	30	31	31	30	31	30	31
AT0004R	31	29	31	30	31	30	31	31	30	31	30	31
AT0005R	31	29	31	30	31	30	31	31	30	31	30	31
CH0002R	31	29	31	30	31	30	31	31	30	30	30	30
CH0004R	4	4	4	4	5	4	5	4	3	5	4	4
CH0005R	31	29	31	30	31	30	31	31	30	31	30	30
CZ0001R	3	5	4	4	5	4	4	5	4	5	4	4
CZ0003R	3	5	4	4	5	4	4	5	4	5	4	4
CZ0003R	31	29	31	30	31	30	31	31	30	31	30	31
DE0002R	31	29	31	30	31	30	31	31	30	31	30	31
DE0004R	31	29	31	30	31	30	31	31	30	31	30	31
DK0005R	3	2	2	2	1	2	2	2	2	2	2	1
DK0008R	3	2	2	2	1	2	2	2	2	2	2	1
DK0022R	0	0	3	2	1	2	2	2	2	2	2	1
EE0009R	4	5	4	4	5	4	4	5	4	5	4	4
EE0011R	4	5	4	4	5	4	4	5	4	5	4	4
ES0001R	29	29	28	30	29	18	0	0	0	0	0	0
ES0003R	31	29	31	30	31	10	0	0	0	0	0	0
ES0004R	29	27	31	30	31	29	29	31	30	29	30	31
ES0005R	31	29	31	30	28	0	0	0	0	0	0	0
ES0007R	30	28	31	29	31	30	31	31	30	29	30	31
ES0008R	30	29	31	30	31	30	31	31	30	31	30	31
ES0009R	29	29	31	30	25	26	31	30	28	29	27	31
ES0010R	31	29	31	30	30	30	30	31	30	30	30	31
ES0011R	28	29	29	30	31	30	29	30	30	31	30	26
ES0012R	31	29	31	30	31	30	31	31	30	31	30	31
ES0013R	0	0	0	0	0	0	0	31	30	31	29	31
ES0014R	0	0	0	0	0	0	0	0	0	0	30	31
ES0015R	0	0	0	0	0	0	0	0	0	0	30	28
FI0004R	7	4	4	5	5	5	6	6	5	6	5	5
FI0009R	31	29	31	30	30	30	31	31	30	31	30	31
FI0017R	31	29	31	30	31	30	31	31	30	31	30	31
FI0022R	31	29	31	30	31	30	31	31	30	31	30	31
FR0003R	31	29	31	30	31	30	31	31	30	31	30	31
FR0005R	31	29	31	30	31	30	30	30	30	31	29	31
FR0008R	31	29	31	30	31	30	31	31	30	31	30	30
FR0009R	31	29	31	30	31	30	31	31	30	31	30	31
FR0010R	31	29	31	30	31	30	31	31	30	31	30	31
FR0012R	31	29	31	30	31	30	30	31	30	31	30	31
FR0013R	31	29	31	30	31	30	31	31	30	31	30	31
FR0014R	31	29	31	30	31	30	31	31	30	31	30	31
GB0002R	0	0	0	17	30	30	31	21	0	0	28	25
HU0002R	31	29	31	30	31	30	31	31	30	31	30	31
IE0002R	31	29	31	30	31	30	31	31	30	23	0	0
IE0003R	31	29	31	30	31	30	31	31	30	31	30	31
IE0004R	31	29	31	30	31	30	31	31	30	27	0	0
IS0002R	31	29	31	30	31	30	31	31	30	31	30	31
IT0001R	31	29	31	30	31	30	31	31	30	31	30	31
IT0004R	31	29	31	30	31	30	31	31	30	29	30	29
LT0015R	5	4	5	30	31	30	31	31	30	31	30	31
LV0010R	31	28	31	30	31	30	31	31	30	31	30	31
LV0016R	31	28	31	30	31	30	31	31	30	31	30	31
NL0009R	31	29	31	30	31	29	31	31	30	31	30	31
NO0001R	31	29	31	30	31	30	31	31	30	31	30	31
NO0008R	31	29	31	30	31	30	31	31	30	31	30	31
NO0015R	31	29	31	30	31	30	14	31	30	31	30	31
NO0039R	31	29	31	30	31	30	31	31	30	31	30	31
NO0041R	31	29	30	30	31	30	31	31	30	31	30	31
NO0055R	31	29	31	30	31	30	31	31	30	31	30	31
NO0099R	31	29	31	30	31	30	31	31	30	31	30	31
PL0002R	31	29	31	30	31	30	31	31	30	31	30	31
PL0003R	31	29	31	30	31	30	31	31	30	31	30	31
PL0004R	31	29	31	30	31	30	31	31	30	31	30	31
PL0005R	31	29	31	30	31	30	31	31	30	31	29	31
RU0001R	31	29	31	30	31	30	30	31	30	31	30	31
RU0013R	31	29	31	30	31	30	31	31	30	31	30	31
RU0016R	31	29	31	30	31	30	31	31	30	31	30	31
RU0018R	31	29	31	30	31	30	31	31	30	31	30	31
SE0002R	31	29	31	30	31	30	31	31	30	31	30	31
SE0005R	6	5	5	5	6	5	6	5	5	6	4	4
SE0011R	6	5	5	5	5	5	6	5	5	6	5	5
SE0012R	3	0	5	1	0	0	0	0	0	0	0	0
SK0002R	31	29	31	30	31	30	31	31	30	31	30	31
SK0004R	31	29	31	30	31	30	31	31	30	31	30	31
SK0005R	31	29	31	30	31	30	31	31	30	31	30	31
SK0006R	31	29	31	30	31	30	31	31	30	31	30	31
TR0001R	1	0	0	18	31	30	31	31	30	31	30	31
YU0005R	31	29	31	30	31	30	31	31	30	31	30	31
YU0008R	31	29	31	30	31	30	31	31	30	31	30	31

Table 3.3: Monthly precipitation amounts in 2000, official gauge.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
FI0004R	52.2	31.0	53.7	38.8	39.8	51.0	102.7	90.9	15.7	57.5	105.2	54.1
FI0009R	20.4	17.7	29.5	16.8	26.1	52.7	93.6	26.4	20.2	65.7	113.1	60.4
FI0017R	33.7	38.0	41.5	24.0	44.6	60.0	61.6	49.1	34.9	108.2	101.2	62.2
FI0022R	58.4	40.1	38.4	48.2	72.3	67.7	51.8	64.7	25.2	58.9	58.0	59.4
PL0005R	58.1	38.5	70.3	25.7	41.2	46.0	93.7	71.0	26.6	4.0	54.5	42.1
PT0001R	10.1	10.1	27.0	150.4	105.8	3.7	24.2	4.3	28.7	63.6	172.1	335.5
PT0003R	51.7	69.7	32.4	347.2	106.9	40.5	59.6	33.4	72.8	134.1	417.3	525.0
PT0004R	5.0	10.9	7.0	116.4	40.0	0.0	0.7	0.0	8.5	39.6	104.3	242.0

Table 3.4: Precipitation amounts 2000, official gauge. Number of days with measurements.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
FI0004R	31	29	31	30	31	30	31	31	30	31	30	31
FI0009R	31	29	31	30	31	30	31	31	30	31	30	31
FI0017R	31	29	31	30	31	30	31	31	30	31	30	31
FI0022R	31	29	31	30	31	30	31	31	30	31	30	31
PL0005R	31	29	31	30	31	30	31	31	30	31	29	31
PT0001R	31	29	31	30	31	30	31	31	30	31	30	31
PT0003R	31	29	31	30	31	30	31	31	30	31	30	31
PT0004R	31	29	31	30	31	30	31	31	30	31	30	31

Table 3.5: Monthly weighted averages of sulphate in precipitation in 2000. (Unit: mg S/l).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0.41	0.76	0.67	1.06	1.71	0.89	0.69	1.68	0.91	1.07	1.30	0.41
AT0004R	0.18	0.29	0.36	0.74	0.34	-	0.40	0.34	0.34	0.30	0.16	0.12
AT0005R	0.05	0.28	0.23	1.08	0.47	0.58	0.47	0.48	0.62	0.53	0.21	0.32
CH0002R	0.30	0.18	0.29	0.24	0.31	0.71	0.37	0.61	0.22	0.25	0.09	0.25
CH0004R	0.20	0.21	0.64	0.37	0.30	0.57	0.40	0.46	0.19	0.20	0.08	0.16
CH0005R	0.33	0.15	0.40	0.24	0.33	0.52	0.38	0.49	0.24	0.38	0.15	0.19
CZ0001R	0.19	0.08	0.51	0.43	0.04	1.09	0.91	1.00	1.21	1.18	1.75	0.70
CZ0003R	0.35	0.40	0.42	0.95	0.54	0.84	0.41	0.67	0.73	1.12	0.65	0.25
CZ0003R	0.59	0.32	0.11	0.76	0.58	0.68	0.45	0.61	0.88	1.26	0.70	0.16
DE0002R	0.64	0.76	0.79	1.22	0.99	0.76	0.60	0.54	0.82	0.76	0.60	0.49
DE0004R	0.61	0.44	0.56	0.65	0.60	0.55	0.40	0.73	0.39	0.34	0.33	0.44
DK0005R	0.89	0.47	0.99	0.76	0.69	0.60	0.54	0.63	0.90	0.52	0.48	1.06
DK0008R	2.24	0.71	0.76	0.69	0.41	0.52	0.61	0.71	0.85	0.77	0.60	0.35
DK0022R	-	-	0.53	0.50	0.61	0.46	0.51	0.54	0.72	0.53	0.52	0.83
EE0009R	0.33	0.41	0.39	1.40	0.59	0.39	0.34	0.23	0.46	0.51	0.51	0.35
EE0011R	1.11	0.46	0.77	1.04	0.81	0.42	0.32	0.20	-	0.46	0.46	0.59
ES0001R	0.74	0.32	0.89	0.36	1.01	1.41	-	-	-	-	-	-
ES0003R	0.77	-	1.40	2.58	1.32	0.97	-	-	-	-	-	-
ES0004R	1.45	3.10	1.41	0.87	1.00	1.16	0.80	2.25	6.62	0.75	0.60	0.72
ES0005R	-	-	-	0.35	0.57	-	-	-	-	-	-	-
ES0007R	0.45	-	1.18	0.64	0.51	-	-	-	0.97	0.42	0.51	0.39
ES0008R	1.19	1.39	0.84	0.98	1.88	1.86	1.34	1.97	1.23	1.00	0.91	1.02
ES0009R	0.54	0.58	0.71	0.29	0.60	0.76	0.70	0.76	0.37	0.58	0.41	0.49
ES0010R	3.13	3.46	7.09	2.57	3.03	3.65	3.91	2.99	1.09	3.44	1.97	2.51
ES0011R	1.92	0.77	1.44	0.49	0.68	1.18	-	-	1.35	0.80	0.56	0.43
ES0012R	0.64	-	1.30	0.77	1.24	1.46	7.29	6.75	0.81	0.39	0.92	0.49
ES0013R	-	-	-	-	-	-	-	0.70	0.54	0.38	0.29	0.33
ES0014R	-	-	-	-	-	-	-	-	-	-	0.59	0.58
ES0015R	-	-	-	-	-	-	-	-	-	-	0.45	0.77
FI0004R	0.15	0.17	0.24	0.87	0.39	0.34	0.16	0.13	0.36	0.43	0.24	0.27
FI0009R	0.75	1.12	0.75	1.09	0.92	0.35	0.23	0.29	0.31	0.84	0.97	0.32
FI0017R	0.69	0.68	0.47	1.18	0.94	0.38	0.37	0.24	0.36	0.80	0.93	0.60
FI0022R	0.13	0.11	0.09	0.55	0.27	0.23	0.16	0.16	0.22	0.29	0.27	0.09
FR0003R	0.55	0.19	0.33	0.38	0.44	0.71	0.32	0.77	0.60	0.16	0.15	0.18
FR0005R	0.74	0.98	1.48	0.72	0.49	1.11	1.11	1.03	0.51	1.05	0.70	0.59
FR0008R	0.34	0.25	0.42	0.41	0.18	0.69	0.27	0.54	0.30	0.27	0.18	0.31
FR0009R	0.41	0.42	0.79	0.50	0.43	0.73	0.31	0.68	0.46	0.35	0.24	0.30
FR0010R	0.54	0.21	0.34	0.51	0.20	0.49	0.35	0.60	0.42	0.26	0.16	0.23
FR0012R	0.13	0.19	0.47	0.29	0.44	0.43	0.18	0.69	0.74	0.25	0.24	0.30
FR0013R	0.73	0.31	0.31	0.42	0.58	0.60	0.48	0.97	0.46	0.37	0.27	0.35
FR0014R	0.28	0.21	0.41	0.38	0.18	0.77	0.37	0.43	0.25	0.22	0.17	0.13
GB0002R	-	-	-	0.44	0.33	0.57	0.23	0.18	-	-	0.31	0.28
HU0002R	2.42	1.10	0.99	1.33	1.28	0.81	0.98	4.79	1.02	3.64	0.68	1.51
IE0002R	0.46	0.53	0.65	0.65	0.37	0.86	0.40	0.39	0.34	0.25	-	-
IE0003R	0.41	1.35	1.00	0.62	0.92	1.03	1.15	0.78	0.85	1.26	0.61	0.74
IE0004R	0.21	0.43	0.58	0.47	1.40	0.56	0.44	0.30	0.26	0.35	-	-
IS0002R	1.47	1.07	0.50	0.39	0.33	0.35	0.24	0.18	0.15	0.16	0.19	0.14

Table 3.5 contd.

IT0001R	3.66	0.53	0.81	1.12	0.66	2.19	0.65	2.29	0.61	0.40	0.55	2.17
IT0004R	-	5.76	0.58	0.82	0.77	0.80	0.67	0.57	0.54	0.80	0.32	0.50
LT0015R	0.88	1.22	0.92	1.58	0.89	0.84	0.69	0.92	0.51	0.85	1.07	0.51
LV0010R	0.53	0.43	0.34	0.72	1.60	0.12	0.58	0.85	0.69	0.70	0.49	1.44
LV0016R	0.32	0.63	0.56	0.58	0.46	0.37	0.59	0.50	0.43	0.61	0.49	0.61
NL0009R	0.52	0.69	0.81	0.85	0.81	1.00	0.85	0.68	0.68	0.61	0.56	0.51
NO0001R	0.48	0.50	0.26	0.83	0.68	0.56	0.22	0.54	0.60	0.71	0.45	0.47
NO0008R	0.79	0.45	0.20	0.47	0.33	0.52	0.18	0.32	0.30	0.30	0.27	0.33
NO0015R	0.33	0.33	0.38	0.27	0.28	0.18	0.17	0.07	0.07	0.13	0.10	0.11
NO0039R	0.51	0.28	0.32	0.18	0.24	0.16	0.14	0.09	0.15	0.11	-	0.07
NO0041R	0.17	0.21	0.05	0.22	0.37	0.20	0.12	0.16	0.30	0.43	0.25	0.13
NO0055R	0.12	0.13	0.22	0.24	0.30	0.43	0.57	0.39	0.12	0.24	0.23	0.24
NO0099R	11.22	3.76	2.97	0.88	3.43	2.06	0.69	1.28	1.19	3.68	1.70	3.27
PL0002R	0.85	0.78	0.72	1.10	0.88	1.10	0.51	1.57	0.70	1.79	0.85	0.71
PL0003R	0.51	0.60	0.59	0.43	0.53	0.74	0.69	0.68	0.87	0.93	0.81	0.91
PL0004R	0.56	0.66	0.61	1.31	0.88	0.41	0.37	0.54	0.65	0.71	0.68	0.52
PL0005R	0.58	0.73	0.43	0.28	1.31	1.01	0.69	0.58	0.56	1.33	0.61	0.61
PT0001R	0.17	0.64	0.68	0.53	0.49	-	0.33	-	0.81	0.15	0.84	0.21
PT0003R	0.60	0.82	1.48	0.49	0.58	0.62	0.82	0.52	0.67	0.48	0.48	0.39
PT0004R	1.52	1.75	5.50	0.57	0.74	-	-	-	2.21	1.09	0.46	0.52
RU0001R	0.13	0.16	0.33	0.35	0.52	0.37	0.66	0.33	0.26	0.30	0.35	0.19
RU0013R	0.26	0.27	0.36	1.03	0.40	0.35	0.34	0.22	0.23	0.44	0.19	0.29
RU0016R	0.89	2.94	1.06	1.49	1.00	1.18	0.53	0.92	0.81	1.18	0.78	0.80
RU0018R	0.26	0.63	0.46	1.22	0.77	0.39	0.68	0.32	0.35	0.78	1.32	0.34
SE0002R	0.94	0.63	0.43	0.64	0.52	0.31	0.20	0.58	0.46	0.67	0.63	0.55
SE0005R	0.08	0.09	0.13	0.32	0.19	0.22	0.14	0.09	0.21	0.37	0.24	0.08
SE0011R	0.91	0.74	0.59	0.74	0.60	0.34	0.28	0.59	0.55	0.72	0.41	0.35
SE0012R	0.15	-	0.24	1.17	-	-	-	-	-	-	-	-
SK0002R	0.81	0.91	0.86	1.58	1.43	1.55	0.64	1.36	1.43	2.25	0.82	0.46
SK0004R	0.79	0.65	0.62	0.96	1.16	0.99	0.61	0.77	0.70	1.81	0.70	0.34
SK0005R	0.97	0.66	0.47	0.76	0.95	1.11	0.45	0.91	0.60	1.35	0.51	0.74
SK0006R	0.82	1.07	1.03	1.11	0.76	1.10	0.48	1.25	0.70	1.86	0.88	0.77
TR0001R	2.87	-	-	1.28	1.31	1.16	-	1.15	-	0.46	0.42	0.52
YU0005R	1.60	1.76	1.83	2.21	1.86	0.58	0.85	3.92	1.14	4.17	0.89	1.75
YU0008R	1.14	0.83	1.15	1.65	1.54	0.79	0.57	1.38	1.25	0.16	0.43	0.49

Table 3.6: Sulphate in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	99	99	99	99	99	0	100	99	100	99	99	100
AT0005R	100	97	100	99	100	99	100	99	99	99	100	99
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0004R	97	100	97	100	100	100	100	100	98	100	100	100
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0001R	100	53	100	98	100	77	100	100	100	100	99	97
CZ0003R	97	94	98	100	99	99	97	98	100	98	94	98
CZ0003R	100	71	100	100	100	100	100	100	100	100	92	86
DE0002R	97	98	98	96	97	97	99	98	97	97	95	89
DE0004R	99	99	99	98	98	99	99	99	99	99	99	99
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	100	100	100	100	98	100	100	100	100	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	98	83	0	0	0	0	0	0
ES0003R	100	0	100	100	98	100	0	0	0	0	0	0
ES0004R	90	37	95	78	91	91	100	100	77	99	98	69
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	99	92	100	100	100	100	96	99	99
ES0008R	100	100	100	98	96	100	99	98	98	98	99	100
ES0009R	34	56	96	97	100	100	98	100	98	88	98	98
ES0010R	98	92	81	94	100	93	100	85	80	92	75	59
ES0011R	59	92	80	94	94	100	100	0	98	70	98	97
ES0012R	81	100	100	95	99	100	76	100	100	98	100	100
ES0013R	0	0	0	0	0	0	0	97	88	100	99	99
ES0014R	0	0	0	0	0	0	0	0	0	0	94	96
ES0015R	0	0	0	0	0	0	0	0	0	0	88	99
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	97	64	96	79	93	53	70	47	71
FR0005R	90	85	80	96	96	59	73	35	85	90	93	87
FR0008R	98	99	90	98	71	98	99	95	96	98	84	76
FR0009R	98	86	94	80	90	85	95	94	93	96	98	56
FR0010R	97	98	100	98	96	99	99	85	99	94	99	85
FR0012R	78	93	99	66	98	85	76	90	79	99	91	65
FR0013R	90	98	98	99	97	98	86	97	98	91	99	97
FR0014R	95	98	93	97	79	95	99	99	99	88	96	96
GB0002R	0	0	0	81	99	100	99	99	0	0	100	99

Table 3.6 contd.

HU0002R	100	100	100	100	100	100	100	100	100	100	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	100	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IS0002R	100	100	100	100	100	100	100	100	100	100	100	100
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LT0015R	99	100	100	100	100	91	99	100	100	100	100	100
LV0010R	98	100	94	100	100	100	100	98	100	95	100	98
LV0016R	83	95	96	97	83	99	99	99	93	100	92	88
NL0009R	90	80	72	78	84	98	97	99	99	99	84	98
NO0001R	99	97	96	99	98	98	98	98	98	99	100	99
NO0008R	99	99	98	99	98	99	82	98	99	99	99	99
NO0015R	99	98	97	85	97	97	99	97	96	95	84	93
NO0039R	100	99	99	96	97	99	95	99	94	98	0	99
NO0041R	98	98	100	100	97	100	100	87	100	100	100	100
NO0055R	83	73	85	89	86	99	92	97	97	92	60	76
NO0099R	97	98	95	95	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	100	97	99	98
PL0003R	99	95	98	98	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	100	98	100	96	100	100	100	100	98	93	99	99
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	90	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	100	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	100	100	100	100	100	100	100	100	100
SE0002R	100	99	100	100	99	99	100	99	99	100	100	99
SE0005R	100	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	96	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	100	0	0	98	100	100	100	100	100	97	100	90
YU0005R	100	100	100	100	100	100	100	94	100	100	100	100
YU0008R	100	100	100	100	100	100	100	100	100	100	100	100

Table 3.7: Monthly weighted averages of sulphate in precipitation corrected for seaspray in 2000.
(Unit: mg S/l).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0.38	0.73	0.64	1.05	1.69	0.79	0.68	1.66	0.90	1.06	1.25	0.39
AT0004R	0.17	0.28	0.35	0.74	0.33	-	0.38	0.33	0.33	0.28	0.14	0.11
AT0005R	0.03	0.28	0.20	1.06	0.45	0.55	0.45	0.47	0.62	0.51	0.19	0.28
CH0002R	0.30	0.16	0.28	0.24	0.30	0.70	0.36	0.60	0.21	0.25	0.09	0.24
CH0005R	0.31	0.14	0.39	0.23	0.32	0.51	0.37	0.48	0.24	0.38	0.15	0.18
CZ0003R	0.33	0.38	0.40	0.93	0.53	0.84	0.45	0.66	0.72	1.09	0.63	0.23
DE0002R	0.58	0.61	0.70	1.21	0.94	0.73	0.59	0.52	0.80	0.72	0.56	0.45
DE0004R	0.55	0.40	0.53	0.63	0.59	0.54	0.39	0.72	0.38	0.29	0.29	0.36
EE0009R	0.28	0.36	0.36	1.36	0.56	0.39	0.34	0.21	0.43	0.48	0.49	0.35
EE0011R	0.85	0.38	0.63	1.01	0.78	0.39	0.28	0.18	-	0.44	0.44	0.57
ES0001R	0.68	0.30	0.83	0.33	0.96	1.28	-	-	-	-	-	-
ES0003R	0.63	-	1.26	2.37	1.27	0.94	-	-	-	-	-	-
ES0004R	1.35	2.91	1.34	0.81	0.96	1.06	0.70	2.16	6.46	0.69	0.56	0.65
ES0005R	-	-	-	0.23	0.53	-	-	-	-	-	-	-
ES0007R	0.40	-	1.14	0.56	0.47	-	-	-	0.92	0.40	0.45	0.31
ES0008R	0.55	0.92	0.62	0.78	1.61	1.66	1.06	1.59	0.90	0.51	0.34	0.51
ES0009R	0.46	0.54	0.65	0.27	0.55	0.68	0.64	0.70	0.31	0.52	0.35	0.41
ES0010R	0.65	0.54	2.78	1.48	2.19	0.33	1.19	1.90	0.66	0.74	0.92	0.56
ES0011R	1.80	0.72	1.29	0.40	0.64	1.11	-	-	1.19	0.71	0.50	0.38
ES0012R	0.58	-	1.17	0.69	1.13	1.39	6.93	6.36	0.77	0.33	0.83	0.42
ES0013R	-	-	-	-	-	-	-	0.62	0.42	0.34	0.24	0.29
ES0014R	-	-	-	-	-	-	-	-	-	-	0.57	0.52
ES0015R	-	-	-	-	-	-	-	-	-	-	0.39	0.66
FI0004R	0.12	0.15	0.23	0.86	0.38	0.33	0.16	0.12	0.35	0.42	0.24	0.25
FI0009R	0.41	0.40	0.39	1.01	0.90	0.33	0.19	0.28	0.22	0.68	0.81	0.24
FI0017R	0.59	0.61	0.45	1.16	0.94	0.37	0.36	0.23	0.34	0.78	0.90	0.57
FI0022R	0.12	0.10	0.08	0.54	0.27	0.22	0.15	0.16	0.22	0.28	0.27	0.08
FR0003R	0.49	0.13	0.30	0.34	0.41	0.70	0.29	0.75	0.57	0.12	0.08	0.14
FR0005R	0.33	0.27	0.92	0.44	0.27	0.98	1.01	0.82	0.23	0.15	0.17	0.13
FR0008R	0.32	0.22	0.40	0.39	0.17	0.67	0.26	0.53	0.29	0.26	0.17	0.28
FR0009R	0.37	0.37	0.74	0.48	0.40	0.70	0.30	0.67	0.44	0.32	0.21	0.25
FR0010R	0.49	0.18	0.32	0.49	0.18	0.48	0.35	0.59	0.41	0.23	0.12	0.20
FR0012R	0.12	0.16	0.43	0.27	0.42	0.40	0.14	0.67	0.71	0.20	0.21	0.24

Table 3.7 contd.

FR0013R	0.70	0.23	0.25	0.39	0.57	0.56	0.44	0.91	0.40	0.29	0.19	0.24
FR0014R	0.27	0.18	0.40	0.37	0.18	0.76	0.36	0.42	0.24	0.20	0.15	0.12
GB0002R	-	-	-	0.41	0.31	0.53	0.21	0.16	-	-	0.20	0.17
HU0002R	2.24	1.07	0.89	1.29	1.20	0.75	0.94	4.75	0.98	3.40	0.63	1.36
IE0002R	0.20	0.16	0.50	0.43	0.30	0.73	0.38	0.34	0.27	0.08	-	-
IE0003R	0.08	0.26	0.58	0.51	0.44	0.58	0.93	0.46	0.46	0.32	0.04	0.21
IE0004R	0.04	-0.01	0.50	0.39	1.31	0.49	0.40	0.23	0.16	0.18	-	-
IS0002R	0.07	0.04	0.14	0.20	0.16	0.27	0.20	0.11	0.04	0.04	0.06	-0.10
IT0001R	1.16	0.41	0.72	1.01	0.64	2.12	0.56	1.91	0.50	0.37	0.35	1.90
IT0004R	-	5.57	0.56	0.80	0.76	0.77	0.64	0.56	0.52	0.77	0.30	0.48
LV0010R	0.44	0.30	0.30	0.69	1.58	0.09	0.56	0.81	0.66	0.62	0.46	1.37
LV0016R	0.23	0.55	0.49	0.57	0.45	0.36	0.58	0.48	0.39	0.58	0.47	0.56
NL0009R	0.35	0.56	0.56	0.80	0.71	0.74	0.70	0.64	0.60	0.47	0.50	0.35
NO0001R	0.23	0.34	0.22	0.81	0.47	0.52	0.20	0.51	0.53	0.46	0.34	0.32
NO0008R	0.19	0.16	0.11	0.41	0.28	0.42	0.13	0.30	0.24	0.18	0.19	0.23
NO0015R	0.08	0.04	0.11	0.18	0.14	0.15	0.16	0.07	0.05	0.11	0.09	0.07
NO0039R	0.05	0.08	0.08	0.13	0.19	0.13	0.13	0.08	0.09	0.09	-	0.03
NO0041R	0.14	0.18	0.04	0.21	0.34	0.19	0.12	0.16	0.29	0.41	0.23	0.12
NO0055R	0.04	0.07	0.15	0.21	0.28	0.41	0.56	0.37	0.12	0.22	0.20	0.16
NO0099R	0.92	0.20	0.12	0.70	0.56	0.51	0.07	0.64	0.64	0.45	0.33	0.23
PL0002R	0.80	0.73	0.69	1.09	0.87	1.06	0.51	1.54	0.69	1.72	0.83	0.69
PL0003R	0.41	0.46	0.52	0.38	0.49	0.70	0.65	0.65	0.81	0.88	0.75	0.81
PL0004R	0.36	0.53	0.50	1.27	0.83	0.36	0.35	0.51	0.63	0.64	0.65	0.46
PL0005R	0.52	0.66	0.40	0.26	1.30	0.97	0.63	0.57	0.55	1.29	0.61	0.59
PT0001R	0.16	0.64	0.65	0.51	0.48	-	0.33	-	0.76	0.10	0.75	0.17
PT0003R	0.55	0.65	1.19	0.26	0.51	0.54	0.70	0.39	0.53	0.22	0.26	0.09
PT0004R	0.92	1.25	4.68	0.25	0.64	-	-	-	1.60	0.78	0.19	0.23
RU0001R	0.05	0.05	0.18	0.21	0.44	0.34	0.58	0.30	0.23	0.26	0.18	0.09
RU0013R	0.24	0.24	0.33	1.00	0.37	0.31	0.32	0.18	0.21	0.41	0.17	0.27
RU0016R	0.70	2.67	0.78	1.33	0.84	0.81	0.47	0.62	0.43	0.93	0.52	0.56
RU0018R	0.23	0.60	0.43	1.20	0.75	0.38	0.66	0.31	0.33	0.75	1.29	0.32
SE0002R	0.33	0.37	0.22	0.61	0.45	0.26	0.18	0.52	0.44	0.46	0.41	0.36
SE0005R	0.07	0.06	0.10	0.31	0.18	0.22	0.13	0.09	0.21	0.36	0.24	0.07
SE0011R	0.47	0.55	0.41	0.72	0.55	0.28	0.23	0.55	0.54	0.65	0.38	0.25
SE0012R	0.14	-	0.19	1.10	-	-	-	-	-	-	-	-
SK0002R	0.76	0.85	0.82	1.55	1.41	1.53	0.62	1.34	1.40	2.21	0.77	0.42
SK0004R	0.70	0.62	0.60	0.94	1.14	0.97	0.59	0.75	0.69	1.72	0.68	0.33
SK0005R	0.90	0.60	0.43	0.74	0.92	1.08	0.44	0.89	0.58	1.30	0.48	0.71
SK0006R	0.77	1.03	1.00	1.07	0.74	1.09	0.47	1.24	0.68	1.80	0.85	0.71
TR0001R	2.79	-	-	1.21	1.23	1.12	-	1.08	-	0.42	0.38	0.48
YU0005R	1.50	1.67	1.71	2.13	1.77	0.47	0.71	3.60	1.05	4.04	0.83	1.51
YU0008R	0.96	0.78	1.09	1.49	1.43	0.75	0.49	1.30	1.18	0.09	0.36	0.45

Table 3.8: Sulphate in precipitation corrected for seaspray 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	99	99	99	99	99	0	100	99	100	99	99	100
AT0005R	100	97	100	99	100	99	100	99	97	99	100	99
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0003R	97	94	98	100	99	99	85	98	100	98	94	98
DE0002R	97	98	98	96	97	97	99	98	97	97	95	89
DE0004R	99	99	99	98	98	99	99	99	99	99	99	99
EE0009R	100	100	100	100	98	100	100	100	100	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	98	83	0	0	0	0	0	0
ES0003R	100	0	100	100	98	100	0	0	0	0	0	0
ES0004R	90	37	95	78	91	91	100	100	77	99	98	69
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	99	92	100	100	100	100	96	99	99
ES0008R	100	100	100	98	96	100	99	98	98	98	99	100
ES0009R	34	56	96	97	100	100	98	100	98	88	98	98
ES0010R	98	85	81	94	100	93	100	85	80	92	75	59
ES0011R	59	92	80	94	94	100	100	0	98	70	98	97
ES0012R	81	100	100	95	99	100	76	100	100	98	100	100
ES0013R	0	0	0	0	0	0	0	97	88	100	99	99
ES0014R	0	0	0	0	0	0	0	0	0	0	94	96
ES0015R	0	0	0	0	0	0	0	0	0	0	88	99
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	97	64	96	79	93	53	70	47	71
FR0005R	90	85	80	96	96	59	73	35	85	90	93	87
FR0008R	98	99	90	98	71	98	99	95	96	98	84	76
FR0009R	98	86	94	80	90	85	95	94	93	96	98	56
FR0010R	97	98	100	98	96	99	99	85	99	94	99	85
FR0012R	78	93	99	66	98	85	76	90	79	99	91	65

Table 3.8 contd.

FR0013R	90	98	98	99	97	98	86	97	98	91	99	97
FR0014R	95	98	93	97	79	95	99	99	99	88	96	96
GB0002R	0	0	0	81	99	100	99	99	0	0	100	99
HU0002R	100	100	100	100	100	100	100	100	100	100	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	100	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IS0002R	100	100	100	100	100	100	100	100	100	100	100	100
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LV0010R	98	100	94	100	100	100	100	98	100	95	100	98
LV0016R	83	95	96	97	83	99	99	99	93	100	92	88
NL0009R	90	80	72	78	84	98	97	99	99	99	84	98
NO0001R	99	97	96	99	98	98	98	98	98	99	100	99
NO0008R	99	99	98	99	98	99	82	98	99	99	99	99
NO0015R	99	98	97	85	97	97	99	97	96	95	84	93
NO0039R	100	99	99	96	97	99	95	99	94	98	0	99
NO0041R	98	98	100	100	97	100	100	87	100	100	100	100
NO0055R	83	73	85	89	86	99	92	97	97	92	60	76
NO0099R	97	98	95	95	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	100	97	99	98
PL0003R	99	95	98	98	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	100	98	100	96	100	100	100	100	98	93	99	99
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	100	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	100	100	100	100	100	100	100	100	100
SE0002R	100	99	100	100	99	99	100	99	99	100	100	99
SE0005R	100	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	96	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	100	0	0	98	100	100	100	100	100	97	100	90
YU0005R	100	100	96	100	100	93	98	94	98	100	100	74
YU0008R	83	100	100	100	100	100	100	100	100	100	100	100

Table 3.9: Monthly weighted averages of strong acid in precipitation in 2000. (Unit: $\mu\text{e H/l}$).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NL0009R	-2.	0.	-23.	-48.	-7.	1.	8.	-23.	4.	-10.	0.	4.

Table 3.10: Strong acid in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NL0009R	93	80	73	78	84	99	97	99	99	99	84	98

*Table 3.11: Monthly weighted averages of ammonium in precipitation in 2000.
(Unit: mg N/l).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	1.22	1.49	1.51	1.79	2.31	0.99	0.72	1.27	0.93	0.62	0.68	0.29
AT0004R	0.27	0.26	0.56	0.96	0.53	-	1.06	0.56	1.06	1.32	0.28	0.11
AT0005R	0.08	0.20	0.15	0.67	0.50	0.68	0.45	0.39	0.42	0.14	0.06	0.10
CH0002R	0.83	0.38	0.49	0.43	0.59	0.92	0.38	0.78	0.36	0.31	0.15	0.43
CH0004R	0.13	0.17	1.17	0.48	0.41	0.72	0.36	0.58	0.19	0.24	0.07	0.14
CH0005R	0.31	0.20	0.70	0.41	0.56	0.80	0.40	0.62	0.28	0.37	0.27	0.27
CZ0001R	0.40	0.69	0.77	1.43	0.94	1.10	2.96	1.27	1.23	1.18	1.63	0.47
CZ0003R	0.27	0.22	0.24	1.14	0.75	0.64	0.41	0.65	1.07	0.82	0.66	0.15
CZ0003R	0.28	0.29	0.27	1.29	0.69	0.78	0.43	0.74	1.04	0.94	0.87	0.28
DE0002R	0.78	0.82	0.82	1.33	1.52	0.69	0.68	0.63	0.98	0.86	0.40	0.51
DE0004R	0.51	0.23	0.60	0.81	0.64	0.54	0.35	0.68	0.35	0.23	0.18	0.26
DK0005R	0.41	0.35	1.80	1.07	0.69	0.77	0.68	0.71	0.81	0.45	0.38	1.05
DK0008R	0.50	0.20	0.55	0.72	0.05	0.18	0.26	0.28	0.61	0.48	0.46	0.06
DK0022R	-	-	0.58	0.90	0.48	0.40	0.58	0.71	0.99	0.39	0.39	1.05
EE0009R	0.17	0.24	0.18	0.58	0.39	0.12	0.09	0.01	0.01	0.11	0.22	0.21
EE0011R	0.24	0.27	0.45	0.76	0.30	0.06	0.06	0.12	-	0.32	0.32	0.35
ES0001R	0.59	0.18	0.64	0.07	0.49	0.11	-	-	-	-	-	-
ES0003R	0.09	-	0.50	0.22	0.26	0.84	-	-	-	-	-	-
ES0004R	2.03	-	1.86	0.71	0.62	2.09	3.25	1.72	1.21	0.61	0.73	0.67
ES0005R	-	-	-	0.04	0.09	-	-	-	-	-	-	-
ES0007R	0.04	-	0.67	0.14	0.12	-	-	-	0.49	0.05	0.08	0.05
ES0008R	0.43	0.33	0.20	0.44	0.83	0.57	0.40	0.76	0.15	0.13	0.05	0.07
ES0009R	0.19	0.45	0.68	0.33	0.20	0.68	0.47	0.21	0.14	0.07	0.05	0.09
ES0010R	0.23	0.52	1.96	0.27	0.12	0.15	0.65	0.58	0.28	0.12	0.34	0.14
ES0011R	1.32	1.41	1.86	0.17	0.28	1.02	-	-	0.19	0.04	0.06	0.04
ES0012R	0.20	-	0.70	0.42	0.65	0.74	0.13	0.39	0.35	0.06	0.08	0.04
ES0013R	-	-	-	-	-	-	-	0.04	0.14	0.13	0.09	0.10
ES0014R	-	-	-	-	-	-	-	-	-	-	0.29	0.32
ES0015R	-	-	-	-	-	-	-	-	-	-	0.25	0.29
FI0004R	0.06	0.10	0.10	0.62	0.29	0.22	0.07	0.06	0.20	0.20	0.10	0.12
FI0009R	0.28	0.66	0.30	0.85	0.73	0.25	0.14	0.17	0.18	0.55	0.52	0.18
FI0017R	0.31	0.42	0.23	0.76	0.82	0.30	0.28	0.14	0.18	0.59	0.52	0.41
FI0022R	0.03	0.03	0.03	0.30	0.14	0.13	0.04	0.02	0.05	0.13	0.09	0.03
FR0003R	0.61	0.23	0.44	0.43	0.46	0.68	0.61	0.77	0.52	0.08	0.04	0.20
FR0005R	0.41	0.48	0.89	0.44	0.26	0.86	0.98	0.90	0.28	0.09	0.13	0.16
FR0008R	0.32	0.27	0.59	0.61	0.27	0.75	0.29	0.53	0.33	0.23	0.10	0.20
FR0009R	0.48	0.50	1.15	0.85	0.63	0.80	0.32	0.64	0.49	0.28	0.19	0.24
FR0010R	0.65	0.24	0.49	0.62	0.20	0.51	0.38	0.65	0.34	0.14	0.10	0.22
FR0012R	0.08	0.09	0.46	0.38	0.34	0.27	0.07	0.49	0.57	0.14	0.12	0.20
FR0013R	0.52	0.17	0.29	0.34	0.49	0.54	0.28	0.56	0.29	0.16	0.08	0.13
FR0014R	0.28	0.23	0.66	0.61	0.31	0.86	0.35	0.48	0.23	0.12	0.11	0.12
GB0002R	-	-	-	0.18	1.06	0.68	0.07	0.07	-	-	0.19	0.12
HU0002R	0.99	0.43	0.50	0.60	1.28	0.46	0.68	2.29	0.95	1.14	0.79	0.29
IE0002R	0.30	0.07	0.38	0.47	0.64	1.19	0.44	0.42	0.19	0.10	-	-
IE0003R	0.05	0.01	0.28	0.23	0.12	0.43	0.54	0.54	0.70	0.29	0.24	0.17
IE0004R	0.33	0.16	0.46	0.58	9.21	1.31	0.63	0.55	0.33	0.28	-	-
IT0001R	2.24	0.37	0.49	0.34	0.59	1.52	0.56	-	0.41	0.30	0.23	0.81
IT0004R	-	11.64	0.97	0.89	1.26	1.15	0.81	0.92	0.76	0.94	0.29	0.38
LT0015R	0.73	0.74	0.84	0.94	0.85	0.77	0.46	0.79	0.38	0.42	0.44	0.32
LV0010R	0.44	0.36	0.31	0.56	0.67	0.21	0.21	0.24	0.87	0.40	0.40	0.33
LV0016R	0.41	0.75	0.98	0.77	0.77	0.40	0.15	0.21	0.11	0.50	0.46	0.46
NL0009R	0.45	0.78	0.50	1.45	1.13	0.78	0.69	1.17	0.88	0.73	0.70	0.49
NO0001R	0.11	0.24	0.08	1.10	0.49	0.31	0.15	0.58	0.56	0.42	0.24	0.21
NO0008R	0.20	0.13	0.16	0.59	0.39	0.35	0.33	0.28	0.25	0.22	0.26	0.17
NO0015R	0.15	0.13	0.15	0.38	0.43	0.14	0.12	0.09	0.06	0.10	0.14	0.10
NO0039R	0.04	0.02	0.06	0.15	0.21	0.07	0.20	0.14	0.20	0.07	-	0.02
NO0041R	0.11	0.13	0.04	0.27	0.39	0.22	0.04	0.07	0.11	0.19	0.20	0.07
NO0055R	0.16	0.17	0.13	0.14	0.15	0.14	0.12	0.12	0.09	0.20	0.16	0.09
NO0099R	0.38	0.32	0.35	1.06	0.64	0.60	0.01	0.65	0.61	0.46	0.38	0.37
PL0002R	0.68	0.81	0.61	0.68	0.85	1.11	0.49	1.36	0.76	1.22	0.66	0.64
PL0003R	0.37	0.47	0.35	0.81	0.54	0.58	0.35	0.33	0.63	0.54	0.50	0.44
PL0004R	0.37	0.56	0.47	1.20	0.97	0.46	0.40	0.58	0.35	0.51	0.44	0.45
PL0005R	0.74	0.48	0.43	0.53	0.92	1.17	0.88	0.57	0.67	1.38	0.56	0.47
PT0001R	0.13	0.82	1.34	0.11	0.48	-	0.07	-	0.26	0.28	0.02	0.02
PT0003R	0.17	0.17	0.25	0.05	0.28	0.12	0.98	1.39	0.37	0.08	0.06	0.03
PT0004R	0.01	0.23	2.47	0.06	0.12	-	-	-	0.51	0.76	0.05	0.02
RU0001R	0.23	0.18	0.29	0.40	0.19	0.06	0.27	0.17	0.04	0.08	0.19	0.10
RU0013R	0.13	0.23	0.28	0.42	0.24	0.12	0.05	0.02	0.10	0.18	0.06	0.07
RU0016R	0.32	0.47	0.14	0.67	0.59	0.26	0.18	0.53	0.39	0.39	0.24	0.27
RU0018R	0.13	0.41	0.23	1.29	0.98	0.17	0.25	0.09	0.28	0.28	0.67	0.15
SE0002R	0.39	0.49	0.19	0.69	0.59	0.22	0.14	0.49	0.47	0.41	0.58	0.46
SE0005R	0.02	0.02	0.03	0.18	0.13	0.12	0.06	0.05	0.11	0.19	0.09	0.04
SE0011R	0.65	0.84	0.58	1.19	0.94	0.24	0.50	0.97	0.44	0.53	0.43	0.33
SE0012R	0.09	-	0.19	0.95	-	-	-	-	-	-	-	-
SK0002R	0.34	0.50	0.47	0.86	0.79	0.78	0.35	0.53	0.50	1.21	0.45	0.23
SK0004R	0.32	0.20	0.27	0.45	0.69	0.52	0.40	0.39	0.17	0.65	0.17	0.06
SK0005R	0.35	0.36	0.30	0.37	0.36	0.46	0.19	0.28	0.28	0.55	0.27	0.24
SK0006R	0.33	0.58	0.55	0.76	0.20	0.42	0.27	0.57	0.35	0.57	0.25	0.29
TR0001R	0.97	-	-	0.58	0.71	0.69	-	0.50	-	0.25	0.22	0.19
YU0005R	0.60	0.78	0.98	1.20	0.74	1.75	0.54	1.04	0.39	4.90	0.54	0.23
YU0008R	0.42	0.62	0.63	0.57	0.69	0.83	1.37	0.77	0.83	0.20	0.07	0.04

Table 3.12: Ammonium in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	99	99	99	99	99	0	100	99	100	99	93	69
AT0005R	100	97	100	100	100	99	100	99	97	97	100	83
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0004R	97	100	97	100	100	100	100	100	98	100	100	100
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0001R	100	53	100	98	100	77	100	100	100	100	99	97
CZ0003R	97	94	100	100	99	100	97	100	100	99	94	99
CZ0003R	100	71	100	100	100	100	100	100	100	100	100	86
DE0002R	97	93	95	96	98	97	99	98	97	93	95	89
DE0004R	99	98	97	98	99	99	99	99	99	99	99	99
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	100	100	100	80	98	100	100	100	78	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	98	50	0	0	0	0	0	0
ES0003R	100	0	100	98	97	100	0	0	0	0	0	0
ES0004R	90	0	95	68	91	91	100	100	77	99	96	67
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	99	92	100	100	100	100	93	99	99
ES0008R	100	97	100	98	96	100	98	98	98	98	99	100
ES0009R	34	56	89	95	99	93	98	100	97	85	97	95
ES0010R	98	85	80	94	100	93	100	85	80	92	75	59
ES0011R	59	92	79	94	93	100	100	0	98	70	98	97
ES0012R	81	100	100	95	99	100	76	100	100	98	96	99
ES0013R	0	0	0	0	0	0	0	97	88	99	98	96
ES0014R	0	0	0	0	0	0	0	0	0	0	92	96
ES0015R	0	0	0	0	0	0	0	0	0	0	87	99
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	97	65	96	79	93	53	74	47	71
FR0005R	90	85	84	96	96	59	75	35	85	90	93	87
FR0008R	98	99	88	98	71	98	99	95	96	99	84	76
FR0009R	98	86	96	80	91	85	98	94	94	96	99	56
FR0010R	99	98	98	98	96	99	99	85	99	95	100	86
FR0012R	78	93	99	66	98	85	76	92	79	99	91	65
FR0013R	90	97	98	99	97	98	86	97	98	91	99	97
FR0014R	98	98	93	95	80	95	99	99	99	88	98	96
GB0002R	0	0	0	81	99	100	99	99	0	0	100	99
HU0002R	100	100	100	100	100	100	87	100	100	100	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	100	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IT0001R	100	52	100	88	100	100	100	0	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LT0015R	99	100	100	100	100	91	99	100	100	100	100	100
LV0010R	98	100	98	100	100	100	100	98	100	95	100	98
LV0016R	83	97	96	97	89	99	99	99	93	100	93	93
NL0009R	88	79	72	71	84	93	96	98	97	99	81	96
NO0001R	99	97	96	99	93	98	98	98	98	99	100	99
NO0008R	99	99	98	99	98	99	73	98	99	99	99	99
NO0015R	99	98	97	74	77	83	69	97	96	95	84	93
NO0039R	100	99	99	96	93	98	94	99	94	98	0	99
NO0041R	98	98	100	100	61	98	100	87	100	100	100	100
NO0055R	83	73	85	89	86	99	92	76	97	92	60	61
NO0099R	79	98	95	95	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	100	97	99	98
PL0003R	99	95	98	98	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	100	98	100	98	100	100	100	100	98	93	99	99
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	100	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	100	100	100	100	100	100	100	100	100
SE0002R	96	99	100	100	99	99	98	99	99	99	99	99
SE0005R	100	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	96	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	100	0	0	98	100	100	100	100	100	97	100	90
YU0005R	100	100	100	100	100	93	100	94	95	100	100	97
YU0008R	83	100	100	100	100	100	100	100	100	100	100	100

*Table 3.13: Monthly weighted averages of nitrate in precipitation in 2000.
(Unit: mg N/l).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0.45	1.39	0.59	0.68	0.86	0.59	0.57	0.61	0.50	0.30	0.53	0.33
AT0004R	0.31	0.39	0.49	0.76	0.37	-	0.38	0.26	0.36	0.36	0.31	0.19
AT0005R	0.11	0.35	0.24	0.53	0.38	0.44	0.39	0.31	0.38	0.27	0.13	0.24
CH0002R	0.44	0.20	0.30	0.32	0.31	0.52	0.30	0.44	0.24	0.21	0.13	0.25
CH0004R	0.22	0.16	0.78	0.40	0.26	0.41	0.32	0.34	0.21	0.12	0.11	0.15
CH0005R	0.53	0.22	0.55	0.41	0.33	0.44	0.28	0.39	0.25	0.40	0.24	0.28
CZ0001R	0.24	1.15	0.64	0.97	0.34	0.63	0.44	0.58	0.69	0.80	1.60	0.52
CZ0003R	0.36	0.70	0.50	0.79	0.39	0.52	0.33	0.41	0.58	0.74	0.74	0.45
CZ0003R	0.42	0.55	0.40	0.64	0.45	0.51	0.34	0.48	0.63	0.78	0.79	0.45
DE0002R	1.04	0.94	0.80	1.42	1.30	0.66	0.67	0.67	0.99	0.78	0.59	0.61
DE0004R	0.55	0.33	0.50	0.75	0.60	0.48	0.35	0.57	0.35	0.27	0.23	0.32
DK0005R	0.43	0.55	1.17	0.68	0.57	0.51	0.70	0.69	0.69	0.43	0.43	1.21
DK0008R	0.64	0.41	0.60	0.71	0.43	0.40	0.66	0.55	0.67	0.58	0.70	0.21
DK0022R	-	-	0.47	0.58	0.53	0.34	0.55	0.62	0.95	0.40	0.47	0.95
EE0009R	0.34	0.47	0.67	0.57	0.42	0.13	0.09	0.05	0.11	0.37	0.39	0.21
EE0011R	1.11	0.66	0.69	0.65	0.47	0.06	0.10	0.09	-	0.27	0.32	0.25
ES0001R	0.41	0.19	0.47	0.16	0.34	0.75	-	-	-	-	-	-
ES0003R	0.46	-	0.83	2.27	0.88	0.61	-	-	-	-	-	-
ES0004R	1.08	2.61	0.86	0.58	0.78	0.65	0.47	1.23	2.51	0.44	0.35	0.92
ES0005R	-	-	-	0.13	0.20	-	-	-	-	-	-	-
ES0007R	0.17	-	0.46	0.30	0.28	-	-	-	0.77	0.26	0.25	0.16
ES0008R	0.49	0.41	0.37	0.60	0.76	0.60	0.47	0.89	0.72	0.27	0.16	0.22
ES0009R	0.25	0.52	0.53	0.20	0.38	0.60	0.69	0.70	0.32	0.23	0.14	0.17
ES0010R	0.58	0.61	1.71	0.66	1.21	0.42	1.34	1.50	0.54	0.56	0.88	0.93
ES0011R	1.13	0.55	0.93	0.21	0.41	0.66	-	-	0.83	0.39	0.17	0.09
ES0012R	0.36	-	0.96	0.63	1.21	1.55	7.91	7.18	0.87	0.39	0.90	0.45
ES0013R	-	-	-	-	-	-	-	0.22	0.29	0.20	0.13	0.12
ES0014R	-	-	-	-	-	-	-	-	-	-	0.26	0.32
ES0015R	-	-	-	-	-	-	-	-	-	-	0.20	0.33
FI0004R	0.20	0.35	0.16	0.52	0.20	0.27	0.09	0.09	0.27	0.26	0.21	0.33
FI0009R	1.26	1.53	0.64	0.66	0.61	0.25	0.13	0.31	0.21	0.51	0.76	0.37
FI0017R	0.61	0.68	0.38	0.50	0.42	0.23	0.19	0.16	0.17	0.43	0.48	0.43
FI0022R	0.16	0.15	0.15	0.25	0.16	0.13	0.11	0.06	0.13	0.16	0.18	0.18
FR0003R	0.45	0.12	0.27	0.27	0.21	0.40	0.24	0.46	0.47	0.12	0.09	0.12
FR0005R	0.33	0.17	0.58	0.39	0.24	0.61	0.80	1.05	0.15	0.08	0.17	0.16
FR0008R	0.28	0.21	0.57	0.40	0.13	0.52	0.23	0.38	0.30	0.19	0.13	0.29
FR0009R	0.35	0.33	0.49	0.53	0.45	0.64	0.23	0.49	0.36	0.28	0.21	0.23
FR0010R	0.45	0.14	0.31	0.48	0.14	0.35	0.24	0.50	0.27	0.14	0.13	0.22
FR0012R	0.10	0.08	0.31	0.25	0.22	0.20	0.08	0.33	0.39	0.15	0.12	0.17
FR0013R	0.41	0.13	0.16	0.32	0.35	0.34	0.22	0.55	0.31	0.26	0.10	0.16
FR0014R	0.29	0.18	0.48	0.45	0.21	0.57	0.29	0.35	0.28	0.17	0.14	0.15
GB0002R	-	-	-	0.34	0.16	0.24	0.07	0.06	-	-	0.17	0.13
HU0002R	1.77	0.56	0.50	0.39	0.54	0.28	0.50	1.03	0.37	1.15	0.23	0.37
IE0002R	0.12	0.09	0.33	0.34	0.25	0.47	0.28	0.23	0.12	0.07	-	-
IE0003R	0.06	0.04	0.22	0.35	0.12	0.38	0.27	0.36	0.17	0.17	0.19	0.28
IE0004R	0.03	0.03	0.20	0.33	0.09	0.36	0.16	0.17	0.11	0.10	-	-
IT0001R	0.95	0.39	0.47	0.45	0.40	1.29	0.39	1.86	0.70	0.32	0.30	1.75
IT0004R	-	11.82	0.76	0.72	0.77	0.57	0.49	0.62	0.39	0.62	0.27	0.51
LT0015R	0.79	1.16	0.71	0.82	0.53	0.53	0.42	0.69	0.36	0.49	0.49	0.56
LV0010R	0.69	0.65	0.44	0.66	1.36	0.35	0.34	0.89	0.66	0.49	0.50	0.57
LV0016R	0.71	0.60	0.60	0.60	0.62	0.54	0.21	0.27	0.32	0.40	0.32	0.59
NL0009R	0.30	0.55	0.37	0.79	0.67	0.51	0.58	0.71	0.55	0.36	0.47	0.40
NO0001R	0.26	0.45	0.20	0.94	0.34	0.47	0.18	0.49	0.51	0.50	0.46	0.45
NO0008R	0.13	0.15	0.09	0.58	0.27	0.37	0.14	0.21	0.25	0.23	0.25	0.25
NO0015R	0.04	0.04	0.04	0.17	0.11	0.05	0.08	0.04	0.04	0.11	0.20	0.15
NO0039R	0.04	0.03	0.03	0.14	0.17	0.07	0.10	0.04	0.08	0.02	-	0.02
NO0041R	0.18	0.32	0.15	0.31	0.26	0.15	0.07	0.01	0.19	0.20	0.29	0.20
NO0055R	0.16	0.15	0.10	0.13	0.09	0.11	0.12	0.07	0.04	0.14	0.25	0.19
NO0099R	0.34	0.47	0.32	0.99	0.80	0.63	0.24	0.72	0.76	0.69	0.65	0.58
PL0002R	0.70	0.77	0.56	0.55	0.52	0.67	0.26	0.74	0.39	1.17	0.43	0.71
PL0003R	0.79	1.59	1.11	1.53	0.94	0.78	0.93	1.15	1.08	1.29	0.80	0.73
PL0004R	0.62	0.74	0.46	1.20	0.59	0.34	0.29	0.48	0.47	0.44	0.65	0.66
PL0005R	0.67	0.79	0.46	0.33	0.44	0.44	0.36	0.47	0.49	1.12	0.41	0.54
PT0001R	0.16	0.53	0.46	0.10	0.31	-	0.05	-	0.04	0.05	0.07	0.04
PT0003R	0.27	0.17	0.12	0.10	0.20	0.27	0.13	0.18	0.17	0.06	0.13	0.09
PT0004R	0.02	0.17	2.21	0.10	0.19	-	-	-	0.64	0.35	0.11	0.07
RU0001R	0.09	0.10	0.09	0.13	0.09	0.05	0.09	0.07	0.02	0.19	0.23	0.14
RU0013R	0.23	0.27	0.26	0.31	0.13	0.07	0.04	0.00	0.05	0.14	0.16	0.15
RU0016R	0.59	0.98	0.34	0.50	0.31	0.19	0.12	0.20	0.34	0.41	0.34	0.41
RU0018R	0.45	0.48	0.38	0.59	0.40	0.21	0.24	0.04	0.14	0.36	0.65	0.27
SE0002R	0.65	0.75	0.42	0.53	0.51	0.30	0.23	0.48	0.62	0.52	0.84	0.64
SE0005R	0.08	0.17	0.10	0.20	0.12	0.13	0.08	0.05	0.16	0.17	0.23	0.20
SE0011R	0.69	0.96	0.56	0.86	0.71	0.25	0.23	0.68	0.51	0.54	0.66	0.48
SE0012R	0.40	-	0.44	0.68	-	-	-	-	-	-	-	-
SK0002R	0.34	0.71	0.47	0.62	0.55	0.43	0.37	0.54	0.54	0.74	0.41	0.31
SK0004R	0.35	0.67	0.35	0.35	0.39	0.30	0.28	0.39	0.46	0.62	0.24	0.14
SK0005R	0.72	0.65	0.42	0.31	0.31	0.39	0.22	0.35	0.39	0.44	0.24	0.43
SK0006R	0.77	1.03	0.71	0.50	0.24	0.36	0.24	0.39	0.36	0.84	0.33	0.47
TR0001R	1.46	-	-	0.44	0.45	0.40	-	0.39	-	0.18	0.14	0.20
YU0005R	0.65	0.72	0.51	0.35	0.20	0.49	0.31	0.49	0.36	0.22	0.48	0.55
YU0008R	0.25	0.37	0.53	0.24	0.25	0.17	0.29	0.71	0.35	0.11	0.08	0.05

Table 3.14: Nitrate in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	99	99	99	97	99	0	100	99	100	99	99	100
AT0005R	100	97	100	99	100	99	100	99	99	99	100	99
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0004R	97	100	97	100	100	100	100	100	98	100	100	100
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0001R	100	53	100	98	100	77	100	100	100	100	99	97
CZ0003R	97	94	98	100	97	99	97	98	100	98	94	98
CZ0003R	100	71	100	100	100	100	100	100	100	100	92	86
DE0002R	97	98	98	96	97	97	99	98	97	97	95	89
DE0004R	99	99	99	98	98	99	99	99	99	99	99	99
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	100	100	47	19	73	100	100	100	78	100	90	100
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	98	83	0	0	0	0	0	0
ES0003R	100	0	100	100	98	100	0	0	0	0	0	0
ES0004R	90	37	95	78	91	91	100	100	77	99	98	69
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	99	92	100	100	100	100	96	99	99
ES0008R	100	100	100	98	96	100	99	98	98	98	99	100
ES0009R	34	56	96	97	100	100	98	100	98	88	98	98
ES0010R	98	92	81	94	100	93	100	85	80	92	75	59
ES0011R	59	92	80	94	94	100	100	0	98	70	98	97
ES0012R	81	100	100	95	99	100	76	100	100	98	100	100
ES0013R	0	0	0	0	0	0	0	97	88	100	99	99
ES0014R	0	0	0	0	0	0	0	0	0	0	94	96
ES0015R	0	0	0	0	0	0	0	0	0	0	88	99
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	97	64	96	79	93	53	70	47	71
FR0005R	90	85	72	96	96	59	73	35	85	90	93	87
FR0008R	95	99	90	98	71	98	99	95	96	98	84	76
FR0009R	98	86	86	80	90	85	95	94	93	96	98	56
FR0010R	97	98	100	98	96	99	99	85	99	94	99	85
FR0012R	78	93	99	66	98	85	76	90	79	99	91	65
FR0013R	90	98	92	99	97	98	86	97	98	91	99	97
FR0014R	95	98	93	97	79	95	99	99	99	88	96	96
GB0002R	0	0	0	81	99	100	99	99	0	0	100	99
HU0002R	100	100	100	100	100	100	100	100	100	100	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	100	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LT0015R	99	100	100	100	100	91	99	100	100	100	100	100
LV0010R	98	100	94	100	100	100	100	98	100	95	100	98
LV0016R	83	95	96	97	83	99	99	99	93	100	92	88
NL0009R	90	80	72	78	84	98	97	99	99	99	84	98
NO0001R	99	97	96	99	98	98	98	98	98	99	100	99
NO0008R	99	99	98	99	98	99	82	98	99	99	99	99
NO0015R	99	98	97	85	97	92	99	97	96	95	84	93
NO0039R	100	99	99	96	97	99	95	99	94	98	0	99
NO0041R	98	98	100	100	97	100	100	87	100	100	100	100
NO0055R	83	73	85	89	86	99	92	97	97	92	60	76
NO0099R	97	98	95	95	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	100	97	99	98
PL0003R	99	95	98	98	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	100	98	100	100	100	100	100	100	98	93	99	99
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	100	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	100	100	100	100	100	100	100	100	100
SE0002R	100	99	100	100	99	99	100	99	99	100	100	99
SE0005R	100	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	96	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	100	0	0	98	100	100	100	100	100	97	100	90
YU0005R	100	100	96	100	100	100	100	100	94	100	100	89
YU0008R	83	100	100	100	100	100	100	95	100	100	100	99

*Table 3.15: Monthly weighted averages of sodium in precipitation in 2000.
(Unit: mg Na/l).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0.13	0.19	0.12	0.12	0.21	0.10	0.17	0.27	0.10	0.12	0.51	0.10
AT0004R	0.07	0.21	0.14	0.10	0.08	-	0.16	0.05	0.17	0.07	0.08	0.07
AT0005R	0.02	0.05	0.01	0.13	0.02	0.06	0.13	0.05	0.16	0.21	0.17	0.21
CH0002R	0.18	0.24	0.13	0.04	0.09	0.11	0.13	0.12	0.09	0.04	0.08	0.16
CH0004R	0.08	0.17	0.21	0.11	0.08	0.12	0.12	0.12	0.04	0.05	0.14	0.14
CH0005R	0.25	0.06	0.13	0.04	0.14	0.14	0.11	0.09	0.07	0.10	0.04	0.13
CZ0001R	0.27	0.15	0.12	0.10	0.03	0.11	0.22	0.27	0.36	0.15	0.44	0.18
CZ0003R	0.16	0.12	0.04	0.10	0.03	0.08	-	0.16	0.22	0.13	0.31	-
CZ0003R	0.27	0.26	0.21	0.14	0.04	0.07	0.06	0.04	0.15	0.09	0.24	0.19
DE0002R	0.49	1.58	0.77	0.18	0.31	0.18	0.10	0.11	0.22	0.27	0.29	0.30
DE0004R	0.81	0.61	0.17	0.20	0.10	0.09	0.07	0.14	0.10	0.56	0.44	0.85
DK0005R	6.66	1.81	0.80	0.62	0.60	0.83	0.56	0.97	1.98	2.24	1.99	0.86
DK0008R	13.55	6.03	2.33	1.28	1.50	3.14	2.12	2.30	1.04	4.70	2.46	3.14
DK0022R	-	-	1.45	0.34	0.33	0.80	0.39	0.39	0.48	2.61	2.50	1.08
EE0009R	0.63	0.66	0.18	0.19	0.32	0.08	0.07	0.07	0.12	0.09	0.19	0.40
EE0011R	3.83	0.85	1.64	0.30	0.22	0.19	0.54	0.29	-	0.31	0.39	0.05
ES0001R	0.30	0.10	0.39	0.35	0.46	-	-	-	-	-	-	-
ES0003R	0.74	-	1.66	0.76	0.49	0.31	-	-	-	-	-	-
ES0004R	0.48	-	0.48	0.37	0.35	0.40	0.36	1.19	1.86	0.21	0.24	0.29
ES0005R	-	-	-	1.48	0.44	-	-	-	-	-	-	-
ES0007R	0.16	-	0.47	0.59	0.30	-	-	-	0.59	0.14	0.33	0.67
ES0008R	7.81	4.51	2.63	2.49	3.26	2.79	3.52	4.17	4.15	5.99	6.97	6.59
ES0009R	0.38	0.40	0.48	0.10	0.31	1.00	0.48	0.66	0.25	0.72	0.63	0.81
ES0010R	29.28	34.50	53.25	14.53	10.23	40.44	32.55	13.06	5.10	32.30	12.58	23.87
ES0011R	1.46	0.62	1.76	0.87	0.50	0.80	-	-	1.92	1.09	0.70	0.57
ES0012R	0.77	-	1.18	0.99	0.94	0.79	4.30	4.70	0.53	0.26	1.11	0.81
ES0013R	-	-	-	-	-	-	-	0.99	0.69	0.49	0.49	0.54
ES0014R	-	-	-	-	-	-	-	-	-	-	0.23	0.72
ES0015R	-	-	-	-	-	-	-	-	-	-	0.40	0.92
FI0004R	0.35	0.15	0.12	0.06	0.05	0.10	0.01	0.03	0.07	0.09	0.03	0.16
FI0009R	4.16	8.54	4.53	0.94	0.31	0.16	0.59	0.20	1.04	1.86	1.83	0.88
FI0017R	0.87	0.77	0.32	0.09	0.05	0.06	0.07	0.11	0.21	0.26	0.25	0.33
FI0022R	0.17	0.11	0.08	0.06	0.03	0.04	0.06	0.04	0.03	0.05	0.04	0.04
FR0003R	0.80	0.72	0.31	0.34	0.38	0.16	0.33	0.31	0.36	0.49	0.85	0.45
FR0005R	4.85	8.49	6.79	3.36	1.91	1.61	1.22	2.56	3.38	10.76	6.46	5.58
FR0008R	0.10	0.34	0.19	0.16	0.14	0.19	0.10	0.11	0.12	0.10	0.15	0.43
FR0009R	0.34	0.59	0.52	0.21	0.24	0.30	0.12	0.20	0.19	0.36	0.35	0.58
FR0010R	0.51	0.43	0.23	0.22	0.12	0.08	0.10	0.10	0.16	0.27	0.47	0.37
FR0012R	0.18	0.39	0.38	0.15	0.17	0.33	0.42	0.30	0.30	0.64	0.42	0.66
FR0013R	0.40	0.83	0.61	0.41	0.18	0.38	0.54	0.67	0.71	0.95	0.96	1.31
FR0014R	0.10	0.21	0.19	0.07	0.05	0.19	0.12	0.07	0.12	0.10	0.20	0.12
GB0002R	-	-	-	0.20	0.26	0.48	0.29	0.25	-	-	1.39	1.39
HU0002R	2.12	0.45	0.71	0.56	0.53	0.74	0.46	0.46	0.38	1.37	0.56	1.74
IE0002R	3.10	4.90	1.83	2.75	0.86	1.54	0.27	0.38	0.84	2.41	-	-
IE0003R	3.91	10.67	4.94	1.49	6.34	5.45	2.75	3.81	4.80	11.43	6.98	6.35
IE0004R	2.14	5.22	0.96	0.97	1.35	0.68	0.35	0.46	1.14	2.47	-	-
IS0002R	16.63	12.30	4.29	2.32	2.02	0.96	0.46	0.87	1.31	1.44	1.59	2.88
IT0001R	29.91	1.45	1.07	0.95	0.20	0.87	1.08	4.57	1.31	0.36	2.38	1.45
IT0004R	-	0.79	0.09	0.23	0.14	0.19	0.27	0.16	0.21	0.36	0.21	0.23
LT0015R	5.23	7.30	2.81	2.00	0.63	2.04	1.99	1.19	1.13	4.15	0.81	1.63
LV0010R	1.20	1.55	0.65	0.25	0.13	0.29	0.23	0.31	0.64	0.85	0.26	0.69
LV0016R	0.94	0.91	0.43	0.14	0.10	0.19	0.14	0.19	0.43	0.22	0.09	0.61
NL0009R	1.76	1.53	2.96	0.74	1.18	2.31	1.54	0.64	0.96	1.72	0.71	2.01
NO0001R	3.14	1.87	0.47	0.25	2.56	0.47	0.18	0.36	0.89	2.99	1.20	1.79
NO0008R	8.07	3.54	1.16	0.88	0.61	1.16	0.60	0.34	0.77	1.50	0.95	1.75
NO0015R	3.29	3.60	3.27	0.96	1.62	0.31	0.10	0.07	0.27	0.20	0.23	0.52
NO0039R	5.61	2.55	2.92	0.57	0.63	0.38	0.14	0.18	0.68	0.20	-	0.55
NO0041R	0.35	0.44	0.10	0.10	0.34	0.10	0.04	0.06	0.11	0.16	0.33	0.15
NO0055R	0.93	0.86	0.82	0.41	0.33	0.21	0.21	0.14	0.11	0.32	0.42	0.96
NO0099R	135.76	42.72	34.08	2.23	34.38	18.92	7.37	7.77	6.72	38.71	16.39	37.03
PL0002R	0.63	0.53	0.20	0.12	0.06	0.28	0.03	0.10	0.05	0.18	0.11	0.23
PL0003R	0.86	1.39	0.76	0.35	0.21	0.42	0.38	0.33	0.31	0.54	0.65	1.02
PL0004R	2.80	1.58	1.24	0.26	0.49	0.48	0.20	0.28	0.22	0.83	0.26	0.79
PL0005R	0.64	0.83	0.34	0.09	0.08	0.26	0.35	0.10	0.07	0.58	0.06	0.18
PT0001R	0.01	0.01	0.27	0.11	0.06	-	0.05	-	0.28	0.16	1.12	0.29
PT0003R	0.64	1.99	1.95	2.83	0.91	1.04	0.94	1.47	1.72	3.07	2.62	3.67
PT0004R	7.94	6.20	9.82	3.98	1.15	-	-	-	7.34	3.79	2.78	3.41
RU0001R	1.05	1.28	2.34	1.70	0.97	0.47	0.83	0.37	0.41	0.60	1.93	1.42
RU0013R	0.32	0.32	0.31	0.29	0.16	0.24	0.19	0.37	0.28	0.25	0.22	0.29
RU0016R	2.36	3.39	3.39	1.88	1.88	5.75	0.55	3.57	5.00	3.29	3.40	3.40
RU0018R	0.28	0.32	0.37	0.26	0.17	0.08	0.15	0.14	0.15	0.40	0.23	0.26
SE0002R	7.26	3.14	2.53	0.29	0.73	0.58	0.26	0.73	0.24	2.54	2.54	2.23
SE0005R	0.10	0.33	0.40	0.10	0.08	0.05	0.04	0.02	0.03	0.08	0.01	0.05
SE0011R	5.58	2.28	2.10	0.15	0.52	0.75	0.44	0.40	0.14	0.75	0.40	1.11
SE0012R	0.14	-	0.50	0.27	-	-	-	-	-	-	-	-
SK0002R	0.51	0.63	0.34	0.27	0.17	0.28	0.20	0.13	0.29	0.50	0.34	0.26
SK0004R	1.06	0.34	0.16	0.16	0.19	0.21	0.14	0.13	0.08	0.30	0.35	0.09
SK0005R	0.76	0.59	0.38	0.19	0.32	0.39	0.13	0.16	0.20	0.23	0.14	0.34
SK0006R	0.58	0.48	0.18	0.40	0.21	0.11	0.09	0.18	0.20	0.32	0.19	0.43
TR0001R	-	-	-	0.75	1.16	0.60	-	1.09	-	0.52	0.54	0.52
YU0005R	1.23	1.35	0.85	0.86	0.62	-	0.55	1.30	0.81	1.53	0.72	1.36
YU0008R	0.69	0.51	0.65	0.94	0.78	0.46	0.58	0.93	0.79	0.73	0.69	0.30

Table 3.16: Sodium in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	99	92	99	99	63	0	100	99	100	99	99	100
AT0005R	100	97	100	100	100	99	97	92	97	96	100	99
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0004R	97	100	97	100	100	100	100	100	98	100	100	100
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0001R	100	53	100	98	100	77	100	27	50	100	99	97
CZ0003R	97	94	100	100	97	100	85	100	100	98	90	98
CZ0003R	100	71	100	100	100	100	0	42	38	40	63	0
DE0002R	97	97	98	96	97	98	99	98	97	96	95	89
DE0004R	99	99	99	98	99	99	99	99	99	99	99	99
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	100	92	100	100	94	100	100	100	100	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	96	0	0	0	0	0	0	0
ES0003R	100	0	97	23	93	97	0	0	0	0	0	0
ES0004R	90	0	95	68	91	91	100	88	77	94	92	62
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	97	90	100	100	100	100	92	99	99
ES0008R	100	96	99	97	95	96	98	92	98	97	99	99
ES0009R	34	56	88	91	99	93	98	100	97	79	96	95
ES0010R	97	85	80	75	100	93	100	85	80	92	75	59
ES0011R	59	92	79	93	93	100	100	0	98	70	98	97
ES0012R	65	100	100	95	99	100	76	100	100	98	96	99
ES0013R	0	0	0	0	0	0	0	97	88	97	93	95
ES0014R	0	0	0	0	0	0	0	0	0	0	92	93
ES0015R	0	0	0	0	0	0	0	0	0	0	87	87
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	96	62	96	79	93	53	70	47	71
FR0005R	90	85	80	96	94	59	73	35	85	90	93	87
FR0008R	94	98	90	98	71	98	99	95	96	98	84	76
FR0009R	98	86	96	80	90	85	95	94	93	96	98	56
FR0010R	97	98	100	98	96	99	99	85	99	94	99	85
FR0012R	78	93	99	66	98	85	76	90	79	99	91	65
FR0013R	90	96	98	99	97	98	86	97	98	91	99	97
FR0014R	95	95	93	97	79	95	99	99	99	88	96	96
GB0002R	0	0	0	81	99	100	69	99	0	0	100	99
HU0002R	100	100	100	100	100	100	100	100	100	76	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	97	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IS0002R	100	100	100	100	100	100	100	100	100	100	100	100
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LT0015R	99	100	100	100	100	91	99	100	100	100	100	100
LV0010R	98	100	94	100	100	100	100	98	100	95	100	98
LV0016R	83	95	96	97	78	99	99	99	93	100	92	88
NL0009R	86	75	72	71	82	89	94	98	96	99	81	96
NO0001R	99	97	96	99	98	98	98	98	98	99	100	99
NO0008R	99	99	98	99	98	99	73	98	99	99	99	99
NO0015R	99	98	97	85	97	97	99	97	96	95	84	93
NO0039R	100	99	99	96	97	99	95	99	94	98	0	99
NO0041R	98	98	100	100	97	100	100	87	100	100	100	100
NO0055R	83	73	85	89	86	99	92	94	97	92	60	76
NO0099R	97	98	95	95	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	99	77	98	98
PL0003R	99	95	98	96	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	97	94	99	96	99	98	98	99	94	63	98	95
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	100	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	100	100	100	100	100	100	100	100	100
SE0002R	100	99	100	100	84	99	100	99	99	100	100	99
SE0005R	98	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	96	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	0	0	0	98	100	100	100	100	100	97	100	100
YU0005R	100	100	96	96	100	0	98	94	92	100	100	59
YU0008R	83	100	100	100	96	100	100	100	100	100	100	100

*Table 3.17: Monthly weighted averages of magnesium in precipitation in 2000.
(Unit: mg Mg/l).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
AT0002R	0.075	0.140	0.087	0.113	0.221	0.139	0.856	0.134	0.084	0.086	0.204	0.064	
AT0004R	0.024	0.035	0.028	0.086	0.051	-	0.070	0.037	0.067	0.054	0.025	0.026	
AT0005R	0.029	0.075	0.051	0.088	0.035	0.072	0.062	0.045	0.085	0.077	0.054	0.222	
CH0002R	0.011	0.052	0.031	0.013	0.039	0.038	0.051	0.066	0.040	0.036	0.021	0.051	
CH0004R	0.010	0.022	0.071	0.029	0.032	0.032	0.048	0.053	0.016	0.031	0.026	0.033	
CH0005R	0.021	0.012	0.029	0.019	0.049	0.035	0.044	0.030	0.023	0.050	0.016	0.034	
CZ0001R	0.041	0.051	0.034	0.105	0.030	0.087	0.135	0.051	0.083	0.071	0.180	0.073	
CZ0003R	0.036	0.076	0.012	0.096	0.031	0.036	0.028	0.058	0.048	0.036	0.061	0.029	
CZ0003R	0.041	0.037	0.036	0.111	0.020	0.052	0.029	0.050	0.049	0.039	0.039	0.027	
DE0002R	0.126	0.254	0.199	0.153	0.176	0.118	0.085	0.085	0.122	0.197	0.236	0.103	
DE0004R	0.075	0.063	0.058	0.086	0.064	0.037	0.024	0.084	0.025	0.082	0.054	0.150	
DK0005R	0.782	0.203	0.073	0.074	0.080	0.079	0.062	0.111	0.237	0.226	0.203	0.100	
DK0008R	2.538	0.691	0.253	0.134	0.160	0.308	0.238	0.240	0.114	0.501	0.249	0.310	
DK0022R	-	-	0.142	0.030	0.030	0.064	0.040	0.036	0.046	0.254	0.258	0.100	
EE0009R	0.138	0.106	0.043	0.106	0.039	0.025	0.018	0.022	0.062	0.041	0.017	0.005	
EE0011R	0.401	0.148	0.247	0.101	0.096	0.054	0.094	0.033	-	0.017	0.014	0.030	
ES0001R	0.092	0.030	0.104	0.057	0.151	-	-	-	-	-	-	-	
ES0003R	0.278	-	0.449	0.458	0.254	0.368	-	-	-	-	-	-	
ES0004R	0.150	-	0.205	0.110	0.199	0.193	0.192	0.400	0.504	0.096	0.073	0.125	
ES0005R	-	-	-	0.182	0.072	-	-	-	-	-	-	-	
ES0007R	0.146	-	0.350	0.267	0.235	-	-	-	0.438	0.198	0.161	0.154	
ES0008R	0.978	0.549	0.346	0.310	0.443	0.335	0.435	0.491	0.508	0.737	0.720	0.760	
ES0009R	0.109	0.090	0.097	0.032	0.183	0.130	0.188	0.270	0.071	0.164	0.125	0.144	
ES0010R	3.578	4.300	6.203	2.142	1.795	4.768	4.061	1.776	0.800	4.128	1.693	2.813	
ES0011R	1.017	1.100	2.153	0.759	0.906	3.800	-	-	6.291	1.769	0.698	0.307	
ES0012R	0.498	-	0.441	0.277	0.402	0.350	1.800	2.400	0.278	0.205	0.732	0.309	
ES0013R	-	-	-	-	-	-	-	0.370	0.291	0.113	0.082	0.073	
ES0014R	-	-	-	-	-	-	-	-	-	-	0.254	0.310	
ES0015R	-	-	-	-	-	-	-	-	-	-	0.089	0.170	
FI0004R	0.044	0.022	0.017	0.038	0.033	0.034	0.006	0.006	0.028	0.024	0.007	0.022	
FI0009R	0.477	0.996	0.535	0.149	0.090	0.030	0.075	0.045	0.142	0.261	0.244	0.102	
FI0017R	0.153	0.113	0.052	0.051	0.044	0.028	0.033	0.025	0.040	0.051	0.054	0.051	
FI0022R	0.019	0.014	0.011	0.027	0.011	0.015	0.027	0.006	0.006	0.008	0.005	0.004	
FR0003R	0.114	0.113	0.061	0.110	0.083	0.065	0.045	0.161	0.087	0.097	0.141	0.088	
FR0005R	0.637	1.050	0.888	0.461	0.315	0.243	0.120	0.419	0.498	1.393	0.849	0.731	
FR0008R	0.023	0.045	0.044	0.021	0.041	0.026	0.011	0.029	0.016	0.015	0.022	0.044	
FR0009R	0.056	0.078	0.106	0.055	0.053	0.048	0.011	0.014	0.030	0.044	0.040	0.082	
FR0010R	0.070	0.067	0.063	0.088	0.034	0.027	0.013	0.022	0.039	0.061	0.073	0.054	
FR0012R	0.023	0.067	0.104	0.030	0.063	0.045	0.056	0.063	0.072	0.090	0.063	0.088	
FR0013R	0.071	0.117	0.089	0.057	0.071	0.049	0.058	0.122	0.105	0.123	0.140	0.178	
FR0014R	0.023	0.027	0.042	0.015	0.019	0.040	0.026	0.017	0.022	0.019	0.032	0.024	
GB0002R	-	-	-	0.043	0.038	0.063	0.033	0.032	-	-	0.162	0.165	
HU0002R	0.892	0.281	0.356	0.350	0.344	0.170	0.251	0.550	0.189	0.810	0.260	0.587	
IE0002R	0.422	0.569	0.261	0.335	0.118	0.219	0.037	0.071	0.099	0.239	-	-	
IE0003R	0.466	1.663	0.727	0.172	0.691	0.714	0.370	0.423	0.499	1.294	0.581	0.455	
IE0004R	0.272	0.520	0.145	0.136	0.192	0.145	0.108	0.116	0.211	0.094	-	-	
IT0001R	4.050	0.185	0.178	0.237	0.094	0.305	0.194	1.063	0.176	0.069	0.326	0.400	
IT0004R	-	0.270	0.042	0.088	0.084	0.053	0.059	0.060	0.054	0.102	0.041	0.059	
LV0010R	0.129	0.101	0.050	0.138	0.045	0.052	0.073	0.090	0.043	0.226	0.054	0.146	
LV0016R	0.154	0.185	0.184	0.318	0.436	0.479	0.104	0.094	0.178	0.129	0.034	0.170	
NL0009R	0.231	0.218	0.441	0.070	0.170	0.290	0.219	0.075	0.124	0.204	0.089	0.237	
NO0001R	0.358	0.217	0.053	0.030	0.328	0.064	0.052	0.048	0.116	0.374	0.149	0.213	
NO0008R	0.842	0.396	0.146	0.083	0.068	0.129	0.042	0.035	0.054	0.152	0.089	0.133	
NO0015R	0.362	0.385	0.387	0.117	0.207	0.051	0.086	0.009	0.032	0.025	0.013	0.057	
NO0039R	0.610	0.290	0.347	0.070	0.083	0.049	0.024	0.025	0.121	0.030	-	0.060	
NO0041R	0.033	0.035	0.010	0.022	0.080	0.035	0.008	0.009	0.007	0.021	0.041	0.018	
NO0055R	0.041	0.029	0.092	0.046	0.029	0.026	0.023	0.049	0.016	0.025	0.025	0.034	
NO0099R	14.006	4.782	3.904	0.252	4.271	2.275	0.836	0.930	0.786	4.521	1.813	4.092	
PL0002R	0.088	0.085	0.045	0.100	0.040	0.071	0.016	0.049	0.025	0.065	0.024	0.032	
PL0003R	0.180	0.262	0.164	0.111	0.068	0.088	0.144	0.203	0.158	0.170	0.130	0.180	
PL0004R	0.301	0.227	0.159	0.070	0.091	0.071	0.032	0.059	0.047	0.138	0.035	0.095	
PL0005R	0.081	0.106	0.048	0.044	0.093	0.133	0.112	0.038	0.025	0.239	0.015	0.026	
PT0001R	0.015	0.180	0.105	0.033	0.050	-	0.190	-	0.264	0.079	0.375	0.050	
PT0003R	0.092	0.255	0.422	0.336	0.109	0.200	0.273	0.302	0.258	0.353	0.334	0.448	
PT0004R	0.870	0.720	1.830	0.481	0.171	-	-	-	1.010	0.608	0.418	0.513	
RU0001R	0.016	0.026	0.051	0.083	0.081	0.069	0.105	0.030	0.028	0.095	0.023	0.024	
RU0013R	0.022	0.055	0.049	0.072	0.067	0.135	0.139	0.089	0.047	0.046	0.035	0.046	
RU0016R	0.147	0.289	0.179	0.237	0.247	0.582	0.098	0.530	0.554	0.450	0.373	0.350	
RU0018R	0.121	0.082	0.124	0.041	0.257	0.066	0.083	0.037	0.045	0.068	0.204	0.062	
SE0002R	0.837	0.393	0.312	0.044	0.117	0.073	0.065	0.082	0.071	0.284	0.290	0.270	
SE0005R	0.007	0.036	0.036	0.008	0.009	0.022	0.049	0.028	0.058	0.055	0.040	0.040	
SE0011R	0.640	0.296	0.259	0.015	0.068	0.075	0.065	0.074	0.061	0.105	0.076	0.123	
SE0012R	0.018	-	0.042	0.100	-	-	-	-	-	-	-	-	
SK0002R	0.134	0.115	0.075	0.116	0.107	0.143	0.053	0.112	0.119	0.263	0.069	0.063	
SK0004R	0.170	0.125	0.087	0.110	0.333	0.091	0.066	0.139	0.036	0.220	0.049	0.036	
SK0005R	0.134	0.109	0.061	0.096	0.059	0.092	0.040	0.115	0.108	0.113	0.055	0.162	
SK0006R	0.146	0.111	0.068	0.130	0.064	0.079	0.033	0.104	0.086	0.201	0.063	0.088	
TR0001R	-	-	-	0.267	0.185	0.123	-	0.160	-	0.084	0.092	0.106	
YU0005R	0.216	0.175	0.243	0.346	0.214	-	0.137	0.560	0.160	1.267	0.280	0.334	
YU0008R	0.087	0.086	0.112	0.265	0.217	0.182	0.179	0.218	0.169	0.141	0.136	0.062	

Table 3.18: Magnesium in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	61	92	99	99	99	0	100	99	100	99	99	44
AT0005R	100	97	100	100	100	99	100	99	97	99	100	99
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0004R	97	100	97	100	100	100	100	100	98	100	100	100
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0001R	100	53	100	98	100	77	100	100	100	100	99	97
CZ0003R	97	94	100	100	97	100	85	100	84	98	90	76
CZ0003R	100	71	100	100	100	100	100	100	100	100	100	86
DE0002R	97	97	98	96	97	98	99	98	97	96	95	89
DE0004R	99	100	99	98	99	99	99	99	99	99	99	99
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	100	92	100	100	94	100	100	100	100	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	96	0	0	0	0	0	0	0
ES0003R	100	0	97	23	93	97	0	0	0	0	0	0
ES0004R	90	0	95	68	91	91	100	88	77	94	92	62
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	97	90	100	100	100	100	92	99	99
ES0008R	100	96	99	97	95	96	98	92	98	97	99	99
ES0009R	34	56	88	91	99	93	98	100	97	79	96	95
ES0010R	97	85	80	75	100	93	100	85	80	92	75	59
ES0011R	59	92	79	93	93	100	100	0	98	70	98	97
ES0012R	65	100	100	95	99	100	76	100	100	98	96	99
ES0013R	0	0	0	0	0	0	0	97	88	97	93	95
ES0014R	0	0	0	0	0	0	0	0	0	0	92	93
ES0015R	0	0	0	0	0	0	0	0	0	0	87	87
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	97	64	96	79	93	53	70	47	71
FR0005R	90	85	80	96	94	59	73	35	85	90	93	87
FR0008R	97	99	90	98	71	98	99	95	96	98	84	76
FR0009R	98	86	96	80	90	85	95	94	93	96	98	56
FR0010R	97	98	100	98	96	99	99	85	99	94	99	85
FR0012R	78	93	99	66	98	85	76	90	79	99	91	65
FR0013R	90	98	98	99	97	98	86	97	98	91	99	97
FR0014R	95	95	93	97	79	95	99	99	99	88	96	96
GB0002R	0	0	0	81	99	100	99	99	0	0	100	99
HU0002R	100	100	100	100	100	100	100	100	100	76	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	100	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LV0010R	98	100	94	100	100	100	100	98	100	95	100	98
LV0016R	83	95	96	97	78	98	99	96	93	100	92	86
NL0009R	86	75	72	71	82	89	94	98	96	99	81	96
NO0001R	99	97	96	99	98	98	98	98	98	99	100	99
NO0008R	99	99	98	99	98	99	82	98	99	99	99	99
NO0015R	99	98	97	85	97	97	99	97	96	95	84	93
NO0039R	100	99	99	96	97	99	95	99	94	98	0	99
NO0041R	98	98	100	100	90	100	100	87	100	100	100	100
NO0055R	83	73	85	89	86	99	92	97	91	92	60	76
NO0099R	97	98	95	95	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	99	77	98	98
PL0003R	99	95	98	96	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	97	94	99	96	99	98	99	99	94	63	98	95
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	70	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	20	30	100	100	100	100	100	100	100
SE0002R	100	99	100	100	99	99	100	99	99	100	100	99
SE0005R	98	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	96	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	0	0	0	98	100	100	100	100	100	97	100	100
YU0005R	100	100	96	96	100	0	98	94	92	100	100	59
YU0008R	83	100	100	100	96	100	100	100	100	100	100	100

*Table 3.19: Monthly weighted averages of chloride in precipitation in 2000.
(Unit: mg Cl/l).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0.05	0.17	0.05	0.07	0.17	0.92	0.28	0.22	0.15	0.19	0.79	0.16
AT0004R	0.12	0.32	0.24	0.22	0.08	-	0.21	0.10	0.19	0.09	0.10	0.09
AT0005R	0.00	0.10	0.01	0.22	0.03	0.06	0.16	0.06	0.26	0.39	0.23	0.30
CH0002R	0.38	0.39	0.19	0.05	0.12	0.15	0.16	0.16	0.12	0.07	0.14	0.25
CH0004R	0.15	0.26	0.30	0.12	0.10	0.14	0.18	0.16	0.06	0.06	0.17	0.18
CH0005R	0.35	0.11	0.17	0.06	0.20	0.17	0.12	0.08	0.10	0.14	0.06	0.14
CZ0001R	2.58	0.73	0.74	0.67	2.20	0.30	0.62	0.37	0.42	0.37	1.22	0.52
CZ0003R	0.33	0.29	0.35	0.39	0.31	0.22	0.13	0.21	0.29	0.17	0.65	0.21
CZ0003R	0.47	0.43	0.62	0.26	0.22	0.13	0.12	0.14	0.36	0.31	0.68	0.40
DE0002R	0.85	3.14	1.47	0.36	0.71	0.32	0.28	0.26	0.44	0.77	0.61	0.72
DE0004R	1.49	1.08	0.34	0.42	0.23	0.19	0.19	0.30	0.31	0.96	0.83	1.55
DK0005R	12.12	3.17	1.22	1.03	0.88	1.38	0.98	1.66	3.24	3.96	3.44	1.46
DK0008R	38.69	11.13	3.76	2.10	2.40	5.15	3.26	3.56	1.63	8.25	4.13	5.36
DK0022R	-	-	2.44	0.57	0.57	1.27	1.02	0.62	0.78	4.65	4.32	1.57
EE0009R	1.04	1.04	0.38	0.48	0.40	0.21	0.13	0.14	0.44	0.32	0.28	0.64
EE0011R	1.13	0.64	0.68	0.66	0.47	0.04	0.14	0.06	-	0.31	0.34	0.30
ES0001R	0.92	0.51	0.90	0.80	1.10	2.84	-	-	-	-	-	-
ES0003R	1.49	-	2.76	4.40	1.09	0.76	-	-	-	-	-	-
ES0004R	0.95	4.10	0.99	0.93	0.77	1.03	1.68	1.31	2.60	0.97	0.77	0.86
ES0005R	-	-	-	2.45	0.87	-	-	-	-	-	-	-
ES0007R	0.63	-	1.10	1.20	0.70	-	-	-	0.99	0.66	0.84	1.41
ES0008R	14.37	12.48	4.25	4.09	4.88	3.58	5.33	6.66	5.55	10.47	10.96	10.91
ES0009R	0.86	1.05	0.82	0.56	0.81	0.64	0.87	0.97	0.79	1.56	1.27	1.73
ES0010R	52.35	59.33	88.93	21.95	18.46	68.02	52.61	17.81	5.53	57.29	21.29	42.47
ES0011R	2.58	1.05	3.00	1.47	1.06	1.22	-	-	2.89	2.57	1.31	1.41
ES0012R	0.93	-	1.76	1.24	1.72	1.28	6.22	5.04	0.95	0.72	1.79	1.45
ES0013R	-	-	-	-	-	-	-	1.24	1.11	0.84	0.99	1.23
ES0014R	-	-	-	-	-	-	-	-	-	-	0.67	1.47
ES0015R	-	-	-	-	-	-	-	-	-	-	0.87	2.07
FI0004R	0.58	0.27	0.23	0.16	0.11	0.15	0.05	0.06	0.16	0.16	0.08	0.28
FI0009R	7.05	14.68	7.91	1.61	0.53	0.29	0.97	0.29	1.99	3.30	3.30	1.41
FI0017R	1.53	1.22	0.55	0.20	0.14	0.13	0.14	0.19	0.39	0.44	0.50	0.54
FI0022R	0.32	0.21	0.17	0.10	0.07	0.08	0.15	0.07	0.07	0.09	0.09	0.09
FR0003R	1.43	1.29	0.60	0.40	0.70	0.24	0.56	0.59	0.66	0.84	1.48	0.80
FR0005R	8.66	14.63	12.13	5.96	3.17	2.31	2.17	4.10	5.75	18.84	11.06	9.85
FR0008R	0.32	0.55	0.28	0.26	0.23	0.31	0.15	0.20	0.20	0.18	0.28	0.69
FR0009R	0.64	1.07	0.83	0.36	0.44	0.48	0.20	0.32	0.33	0.58	0.60	0.96
FR0010R	0.86	0.75	0.38	0.38	0.23	0.16	0.16	0.18	0.33	0.55	0.84	0.64
FR0012R	0.33	0.64	0.55	0.22	0.25	0.45	0.67	0.48	0.46	1.12	0.73	1.11
FR0013R	0.68	1.44	1.12	0.72	0.34	0.61	0.92	1.04	1.16	1.60	1.68	2.27
FR0014R	0.20	0.37	0.31	0.13	0.11	0.29	0.19	0.13	0.19	0.17	0.36	0.21
GB0002R	-	-	-	0.51	0.48	0.89	0.53	0.44	-	-	2.53	2.58
HU0002R	3.59	1.04	1.56	1.41	1.45	1.47	0.66	0.71	0.40	4.06	0.80	2.15
IE0002R	5.65	8.72	3.02	4.22	0.94	2.44	0.61	1.06	1.50	3.33	-	-
IE0003R	6.14	17.24	9.90	3.21	11.59	9.15	4.69	6.23	7.71	17.38	10.93	10.94
IE0004R	2.73	8.09	2.89	1.80	1.52	1.41	1.30	1.88	1.92	3.23	-	-
IT0001R	52.00	2.94	1.81	1.74	0.37	1.23	1.61	5.60	2.09	0.59	4.05	2.87
IT0004R	-	3.40	0.13	0.35	0.20	0.24	0.47	0.17	0.23	0.50	0.27	0.33
LT0015R	10.00	12.97	5.46	3.06	0.88	3.21	3.30	2.02	2.08	6.46	1.18	2.77
LV0010R	2.09	2.39	1.16	0.55	0.31	0.32	0.47	0.90	1.60	1.66	0.50	1.17
LV0016R	1.74	1.78	0.73	0.30	0.27	0.42	0.35	0.28	0.64	0.45	0.28	1.07
NL0009R	3.17	2.77	5.16	0.90	2.01	5.71	3.21	0.83	1.66	2.89	1.31	3.48
NO0001R	5.62	3.40	0.82	0.46	4.45	0.78	0.30	0.72	1.65	5.64	2.32	3.23
NO0008R	14.71	6.46	2.07	1.54	0.93	1.97	0.83	0.57	1.28	2.60	1.60	2.26
NO0015R	6.11	6.34	6.11	1.76	2.80	0.54	0.12	0.07	0.50	0.37	0.46	0.93
NO0039R	9.75	4.81	5.37	1.06	1.01	0.70	0.22	0.30	1.28	0.37	-	1.03
NO0041R	0.56	0.80	0.20	0.19	0.56	0.16	0.06	0.07	0.17	0.31	0.62	0.30
NO0055R	1.51	1.37	1.46	0.72	0.46	0.30	0.30	0.19	0.20	0.59	0.69	1.47
NO0099R	241.69	74.85	59.76	4.03	61.93	33.29	12.77	13.47	11.80	69.00	29.25	63.57
PL0002R	1.49	1.35	0.65	0.25	0.15	0.59	0.11	0.39	0.21	1.25	0.30	0.70
PL0003R	1.89	1.81	1.10	0.80	0.83	0.86	0.49	0.58	0.86	1.04	1.19	1.87
PL0004R	5.22	3.12	2.37	0.55	1.15	0.95	0.42	0.46	0.41	1.56	0.52	1.47
PL0005R	1.55	1.89	0.73	0.22	0.18	0.58	1.06	0.14	0.20	1.28	0.56	0.47
PT0001R	0.00	0.40	0.57	0.49	0.20	-	0.37	-	1.36	0.98	2.36	0.92
PT0003R	1.11	3.90	3.66	5.43	1.49	1.60	1.59	3.24	3.81	5.82	5.88	6.21
PT0004R	11.20	8.00	16.00	7.09	1.74	-	-	-	12.60	7.62	4.66	7.03
RU0001R	1.62	2.01	4.06	2.47	1.36	0.91	1.48	0.54	0.69	0.87	2.59	1.72
RU0013R	0.53	0.54	0.61	0.58	0.47	0.63	0.39	0.72	0.49	0.42	0.25	0.52
RU0016R	3.40	5.28	5.31	2.48	2.75	10.84	1.15	5.92	8.25	7.38	6.92	6.70
RU0018R	0.27	0.47	0.42	0.42	0.37	0.22	0.32	0.12	0.33	0.37	0.41	0.37
SE0002R	12.24	5.32	4.38	0.47	1.46	0.94	0.41	1.13	0.42	4.36	4.40	3.83
SE0005R	0.28	0.58	0.70	0.14	0.07	0.08	0.09	0.04	0.06	0.12	0.09	0.11
SE0011R	9.13	3.58	3.77	0.27	0.79	1.21	0.74	0.67	0.26	1.28	0.64	1.80
SE0012R	0.24	-	0.86	0.70	-	-	-	-	-	-	-	-
SK0002R	0.82	0.93	0.68	0.43	0.31	0.40	0.17	0.28	0.50	0.69	0.62	0.38
SK0004R	1.50	0.42	0.29	0.28	0.39	0.25	0.24	0.20	0.18	1.06	0.32	0.22
SK0005R	0.66	0.81	0.72	0.36	0.47	0.52	0.19	0.26	0.31	0.85	0.34	0.76
SK0006R	0.86	0.82	0.40	0.63	0.25	0.24	0.17	0.31	0.20	0.81	0.39	0.84
TR0001R	1.79	-	-	0.73	0.58	0.51	-	0.69	-	0.52	0.32	0.59
YU0005R	1.04	1.27	1.33	1.44	1.17	1.84	2.08	8.44	8.24	3.60	0.60	1.98
YU0008R	0.89	1.16	1.21	1.97	1.71	0.39	2.11	1.53	1.36	1.11	0.95	1.07

Table 3.20: Chloride in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	91	100	100	100	100
AT0004R	99	99	99	99	99	0	100	99	100	99	99	100
AT0005R	100	97	100	100	100	99	92	99	97	72	100	99
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0004R	97	100	97	100	100	100	100	100	98	100	100	100
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0001R	100	53	100	98	100	77	100	100	100	100	99	97
CZ0003R	97	94	98	100	99	98	50	98	100	98	94	98
CZ0003R	100	71	100	100	100	100	100	100	100	100	92	86
DE0002R	97	98	98	96	97	97	99	98	97	97	95	89
DE0004R	99	99	99	98	98	99	99	99	99	99	99	99
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	100	100	100	100	98	100	100	100	100	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	98	83	0	0	0	0	0	0
ES0003R	100	0	100	100	98	100	0	0	0	0	0	0
ES0004R	90	37	95	78	91	91	100	100	77	99	98	69
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	99	92	100	100	100	100	96	99	99
ES0008R	100	100	100	98	96	100	99	98	98	98	99	100
ES0009R	34	56	96	97	100	100	98	100	98	88	96	98
ES0010R	98	85	81	94	100	93	100	85	80	92	75	59
ES0011R	59	92	80	94	94	100	100	0	98	70	98	97
ES0012R	81	100	100	95	99	100	76	100	100	98	100	100
ES0013R	0	0	0	0	0	0	0	97	88	100	99	99
ES0014R	0	0	0	0	0	0	0	0	0	0	94	96
ES0015R	0	0	0	0	0	0	0	0	0	0	88	99
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	91	64	96	79	93	53	70	47	71
FR0005R	90	85	80	96	94	59	73	35	85	90	93	87
FR0008R	97	98	90	98	71	98	99	95	96	98	84	76
FR0009R	98	86	96	80	90	85	95	94	93	96	98	56
FR0010R	97	98	100	98	96	99	99	85	99	94	99	85
FR0012R	78	93	99	66	97	85	76	90	79	99	91	65
FR0013R	90	96	98	99	97	98	86	97	98	91	99	97
FR0014R	95	95	93	97	79	95	99	99	99	88	96	96
GB0002R	0	0	0	81	99	100	69	99	0	0	100	99
HU0002R	100	100	100	100	100	100	100	100	100	100	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	97	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LT0015R	99	100	100	100	100	91	99	100	100	100	100	100
LV0010R	92	100	94	100	100	100	98	98	100	95	100	98
LV0016R	75	95	85	93	83	99	96	95	93	100	92	88
NL0009R	90	80	72	78	84	98	97	99	99	99	84	98
NO0001R	99	97	96	99	98	98	98	98	98	99	100	99
NO0008R	99	99	98	99	98	99	73	98	99	99	99	99
NO0015R	99	98	97	85	97	97	99	97	96	95	84	93
NO0039R	100	99	99	96	97	99	95	99	94	98	0	99
NO0041R	98	98	100	100	97	100	100	87	100	100	100	100
NO0055R	83	73	85	89	86	99	92	94	97	92	60	76
NO0099R	97	98	95	95	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	100	97	99	98
PL0003R	99	95	98	98	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	83	98	100	100	100	100	100	100	98	93	99	99
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	100	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	100	100	100	100	100	100	100	100	100
SE0002R	100	99	100	100	99	99	100	99	99	100	100	99
SE0005R	100	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	94	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	100	0	0	98	100	100	100	100	100	97	100	90
YU0005R	100	100	89	96	100	93	98	94	98	100	100	74
YU0008R	83	100	76	97	100	100	100	73	100	100	100	100

*Table 3.21: Monthly weighted averages of calcium in precipitation in 2000.
(Unit: mg Ca/l).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0.20	0.72	0.37	0.68	1.19	1.24	0.93	0.96	0.43	0.60	1.12	1.52
AT0004R	0.07	0.15	0.17	0.92	0.34	-	0.62	0.20	0.53	0.57	0.32	0.16
AT0005R	0.10	0.23	0.17	1.09	0.24	0.43	0.50	0.26	0.90	0.84	0.19	0.72
CH0002R	0.10	0.13	0.46	0.26	0.62	0.54	0.55	1.04	0.42	0.40	0.13	0.41
CH0004R	0.06	0.03	0.88	0.47	0.51	0.47	0.58	0.71	0.23	0.31	0.11	0.28
CH0005R	0.06	0.09	0.38	0.54	0.81	0.43	0.55	0.51	0.43	0.92	0.26	0.33
CZ0001R	0.24	0.36	0.23	0.86	0.23	0.78	0.34	0.34	0.81	0.52	1.12	0.50
CZ0003R	0.14	0.12	0.17	0.69	0.14	0.32	0.18	0.39	0.40	0.36	0.17	0.11
CZ0003R	0.33	0.29	0.22	0.54	0.24	0.29	0.17	0.40	0.50	0.34	0.24	0.06
DE0002R	0.75	0.68	0.62	1.36	0.84	0.76	0.49	0.40	0.77	0.78	0.99	0.61
DE0004R	0.40	0.32	0.28	0.36	0.38	0.27	0.12	0.57	0.19	0.18	0.19	0.25
DK0005R	0.42	0.16	0.16	0.64	0.20	0.16	0.24	0.20	0.39	0.24	0.15	0.22
DK0008R	1.00	0.38	0.21	0.39	0.16	0.29	0.37	0.72	0.12	0.24	0.12	0.12
DK0022R	-	-	0.14	0.11	0.12	0.09	0.06	0.09	0.13	0.13	0.11	0.06
EE0009R	0.40	0.28	0.31	1.14	0.22	0.20	0.22	0.23	0.47	0.21	0.23	0.10
EE0011R	0.66	0.32	0.36	0.72	0.40	0.32	0.34	0.16	-	0.17	0.07	0.20
ES0001R	0.59	0.30	1.16	0.29	1.61	-	-	-	-	-	-	-
ES0003R	2.22	-	5.65	7.03	4.50	4.17	-	-	-	-	-	-
ES0004R	0.60	-	2.20	1.83	3.96	2.81	2.20	6.70	13.23	1.29	0.70	0.79
ES0005R	-	-	-	0.15	0.28	-	-	-	-	-	-	-
ES0007R	0.52	-	1.47	1.21	2.06	-	-	-	3.57	1.17	0.73	0.48
ES0008R	0.62	1.19	0.65	0.38	0.82	0.60	0.53	0.93	0.74	0.37	0.55	0.60
ES0009R	0.97	0.81	1.52	1.03	2.93	1.15	2.18	3.07	0.60	0.58	0.52	0.49
ES0010R	4.34	3.60	5.45	8.98	11.51	3.81	7.21	9.29	2.41	4.50	5.42	2.35
ES0011R	3.14	2.47	6.18	2.31	1.94	7.70	-	-	9.23	3.62	1.61	0.68
ES0012R	3.03	-	9.22	4.69	7.71	8.10	35.10	37.50	4.65	2.94	6.31	1.92
ES0013R	-	-	-	-	-	-	-	1.65	1.17	0.42	0.24	0.20
ES0014R	-	-	-	-	-	-	-	-	-	-	2.98	3.98
ES0015R	-	-	-	-	-	-	-	-	-	-	0.57	0.53
FI0004R	0.05	0.04	0.04	0.41	0.07	0.17	0.04	0.01	0.12	0.11	0.03	0.04
FI0009R	0.24	0.65	0.53	0.78	0.41	0.15	0.11	0.18	0.12	0.36	0.22	0.07
FI0017R	0.58	0.29	0.24	0.64	0.29	0.17	0.35	0.12	0.12	0.21	0.29	0.17
FI0022R	0.01	0.01	0.02	0.22	0.06	0.06	0.09	0.02	0.02	0.02	0.02	0.01
FR0003R	0.07	0.07	0.12	0.92	0.51	0.49	0.36	0.61	0.63	0.24	0.09	0.15
FR0005R	0.23	0.42	0.74	0.29	0.34	0.76	0.15	1.48	0.25	0.57	0.41	0.34
FR0008R	0.04	0.05	0.25	0.36	0.12	0.39	0.11	1.00	0.13	0.10	0.14	0.09
FR0009R	0.06	0.14	0.25	0.62	0.56	0.59	0.09	0.55	0.14	0.20	0.13	0.09
FR0010R	0.08	0.06	0.19	0.49	0.32	0.28	0.35	0.57	0.44	0.41	0.22	0.11
FR0012R	0.03	0.11	0.64	0.22	1.08	0.37	0.15	0.63	0.80	0.28	0.16	0.18
FR0013R	0.11	0.09	0.19	0.32	1.02	0.56	0.24	0.79	0.46	0.24	0.13	0.14
FR0014R	0.04	0.05	0.47	0.34	0.42	0.53	0.47	0.68	0.28	0.26	0.25	0.16
GB0002R	-	-	-	0.07	0.06	0.09	0.07	0.02	-	-	0.09	0.06
HU0002R	2.99	0.91	0.84	0.95	1.13	0.49	0.88	2.37	0.65	2.96	0.80	2.12
IE0002R	0.18	0.34	0.63	0.25	0.26	0.44	0.28	0.34	0.13	0.14	-	-
IE0003R	0.22	0.66	1.18	0.37	0.54	0.71	0.76	0.45	0.45	0.56	0.38	0.36
IE0004R	0.08	0.24	0.71	0.22	0.51	0.45	0.30	0.22	0.22	0.11	-	-
IT0001R	5.44	1.89	2.06	3.79	2.62	7.11	2.36	24.90	1.31	0.81	1.05	11.80
IT0004R	-	0.90	0.25	0.86	0.88	0.41	0.67	0.53	0.52	1.68	0.20	0.41
LT0015R	1.05	1.47	0.77	1.41	0.59	0.73	0.84	0.91	0.82	1.19	0.78	0.81
LV0010R	0.19	0.23	0.22	0.38	0.26	0.13	0.16	0.22	0.49	0.65	0.17	0.15
LV0016R	0.49	0.71	0.62	0.84	0.82	1.44	0.16	0.22	0.42	0.38	0.14	0.38
NL0009R	0.27	0.35	1.03	0.45	0.44	0.42	0.44	0.44	0.24	0.28	0.20	0.18
NO0001R	0.13	0.08	0.04	0.09	0.19	0.10	0.07	0.07	0.07	0.16	0.07	0.09
NO0008R	0.33	0.17	0.16	0.23	0.15	0.18	0.31	0.10	0.07	0.09	0.09	0.06
NO0015R	0.15	0.14	0.19	0.13	0.21	0.06	0.12	0.03	0.03	0.04	0.05	0.04
NO0039R	0.20	0.10	0.17	0.04	0.13	0.04	0.03	0.02	0.04	0.07	-	0.04
NO0041R	0.02	0.03	0.01	0.15	0.12	0.11	0.04	0.04	0.04	0.06	0.04	0.01
NO0055R	0.07	0.05	0.06	0.10	0.10	0.05	0.11	0.07	0.04	0.11	0.09	0.09
NO0099R	5.42	1.61	1.31	0.20	1.70	1.03	0.37	0.56	0.34	1.60	0.61	1.46
PL0002R	0.19	0.25	0.22	0.74	0.24	0.38	0.12	0.52	0.12	0.65	0.21	0.15
PL0003R	0.50	0.87	0.76	0.94	0.63	0.70	0.78	1.32	0.67	1.00	0.69	0.53
PL0004R	0.19	0.31	0.13	0.38	0.25	0.15	0.07	0.22	0.19	0.53	0.15	0.10
PL0005R	0.09	0.12	0.09	0.25	0.43	0.34	0.21	0.22	0.15	1.05	0.12	0.07
PT0001R	0.05	0.70	1.24	2.83	0.81	-	1.34	-	1.73	0.33	6.80	0.35
PT0003R	0.69	0.76	2.31	0.20	0.27	0.86	0.80	0.82	1.01	0.28	0.13	0.17
PT0004R	0.80	2.60	8.60	0.28	0.33	-	-	-	4.10	1.19	0.33	0.19
RU0001R	0.07	0.06	0.12	0.10	0.06	0.04	0.20	0.13	0.15	0.19	0.34	0.24
RU0013R	0.17	0.15	0.17	0.39	0.24	0.51	0.37	0.21	0.13	0.29	0.22	0.38
RU0016R	0.60	2.06	0.50	0.50	0.56	0.47	0.40	0.86	1.05	0.69	0.50	0.64
RU0018R	0.20	0.44	0.42	0.21	0.62	0.24	0.75	0.25	0.32	0.40	0.80	0.25
SE0002R	0.30	0.24	0.14	0.30	0.14	0.08	0.04	0.15	0.14	0.19	0.15	0.14
SE0005R	0.03	0.04	0.11	0.05	0.04	0.04	0.03	0.04	0.11	0.09	0.03	0.03
SE0011R	0.26	0.23	0.14	0.10	0.15	0.07	0.03	0.12	0.14	0.16	0.12	0.12
SE0012R	0.04	-	0.06	1.06	-	-	-	-	-	-	-	-
SK0002R	0.64	0.40	0.41	0.82	0.70	1.15	0.27	0.69	0.85	1.47	0.38	0.46
SK0004R	0.46	0.44	0.28	1.09	0.52	0.74	0.45	0.74	0.34	1.37	0.29	0.19
SK0005R	0.42	0.35	0.26	0.79	0.47	0.71	0.30	0.94	0.56	0.73	0.31	0.70
SK0006R	0.58	0.55	0.53	1.16	0.52	0.70	0.22	0.79	0.45	1.53	0.36	0.58
TR0001R	-	-	-	4.83	1.56	1.49	-	1.61	-	0.95	1.11	0.89
YU0005R	1.25	1.24	1.23	1.83	0.84	-	0.74	3.03	0.70	4.25	1.30	2.82
YU0008R	0.21	0.26	0.39	1.91	1.59	1.13	1.04	1.87	0.65	0.56	1.18	0.29

Table 3.22: Calcium in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	99	99	99	99	99	0	100	99	100	99	99	100
AT0005R	100	97	100	100	100	99	100	99	100	99	100	99
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0004R	97	100	97	100	100	100	100	100	98	100	100	100
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0001R	100	53	100	98	100	77	100	100	100	100	99	97
CZ0003R	97	94	97	93	97	99	85	100	100	98	61	67
CZ0003R	100	71	100	100	100	100	100	100	100	100	100	86
DE0002R	97	97	98	96	97	98	99	98	97	96	96	89
DE0004R	99	99	99	98	99	99	99	99	99	99	99	99
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	16	92	100	100	94	100	100	100	100	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	96	0	0	0	0	0	0	0
ES0003R	100	0	97	23	93	97	0	0	0	0	0	0
ES0004R	90	0	95	68	91	91	100	88	77	94	92	62
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	97	90	100	100	100	100	92	99	99
ES0008R	100	96	99	97	95	96	98	92	98	97	99	99
ES0009R	34	56	88	91	99	93	98	100	97	79	96	95
ES0010R	97	85	80	75	100	93	100	85	80	92	75	59
ES0011R	59	92	79	93	93	100	100	0	98	70	98	97
ES0012R	65	100	100	95	99	100	76	100	100	98	96	99
ES0013R	0	0	0	0	0	0	0	97	88	97	93	95
ES0014R	0	0	0	0	0	0	0	0	0	0	92	93
ES0015R	0	0	0	0	0	0	0	0	0	0	87	87
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	76	64	57	79	53	53	70	47	71
FR0005R	90	85	80	96	96	59	73	35	85	90	93	87
FR0008R	98	99	81	98	71	98	99	95	96	98	84	76
FR0009R	98	86	66	80	90	85	95	94	93	96	98	56
FR0010R	97	98	97	83	95	99	99	85	99	94	99	85
FR0012R	78	93	99	66	97	83	76	80	79	99	91	65
FR0013R	90	98	98	99	95	98	86	84	98	91	99	97
FR0014R	95	98	93	97	79	94	98	99	99	88	96	96
GB0002R	0	0	0	81	99	100	99	99	0	0	100	99
HU0002R	100	100	100	100	100	100	100	100	100	76	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	100	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LT0015R	99	100	100	100	100	91	99	100	100	100	100	100
LV0010R	98	100	94	100	100	100	100	98	100	95	100	98
LV0016R	83	95	96	97	78	99	99	99	93	100	92	88
NL0009R	86	75	72	71	82	89	94	98	96	99	81	96
NO0001R	99	97	96	99	98	98	98	98	98	99	100	99
NO0008R	99	99	98	91	91	99	82	98	99	99	99	99
NO0015R	99	98	97	74	89	83	99	97	96	95	84	93
NO0039R	100	99	99	96	93	99	95	98	94	98	0	99
NO0041R	98	98	100	100	90	100	100	87	100	100	100	100
NO0055R	83	73	85	84	86	99	92	94	91	92	60	76
NO0099R	97	98	95	93	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	99	77	98	98
PL0003R	99	95	98	96	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	97	94	99	96	99	98	99	99	94	55	98	95
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	70	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	96	100	100	100	100	100	100	100	100
RU0018R	100	100	100	20	30	100	100	100	100	100	100	100
SE0002R	100	99	100	100	99	99	100	99	99	100	100	99
SE0005R	98	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	94	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	0	0	0	98	77	89	100	100	100	97	100	100
YU0005R	100	100	96	96	100	0	98	84	92	100	100	59
YU0008R	83	100	100	100	96	100	100	100	100	100	100	100

Table 3.23: Monthly weighted averages of pH in precipitation in 2000.
(pH units).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	5.09	4.53	5.16	5.19	6.20	6.07	6.34	5.62	5.61	5.11	5.40	5.35
AT0004R	4.85	4.69	4.91	5.23	5.76	7.50	5.76	5.08	5.12	6.27	5.42	5.01
AT0005R	5.63	5.02	5.12	5.37	5.20	5.47	5.31	5.05	4.91	4.91	5.30	5.80
CH0002R	5.15	5.39	5.30	5.10	5.58	5.25	5.40	5.56	5.70	5.34	5.26	5.55
CH0004R	4.81	4.87	5.02	5.11	5.40	5.38	5.11	5.42	5.07	5.19	5.11	5.23
CH0005R	4.51	5.01	5.01	5.10	5.69	5.17	5.34	5.02	5.21	5.11	5.11	5.00
CZ0001R	4.32	4.62	4.64	6.19	5.18	4.98	5.89	4.58	5.14	4.65	4.48	4.73
CZ0003R	4.60	4.40	4.60	5.20	5.00	4.74	4.97	4.82	4.89	4.42	4.60	4.59
CZ0003R	4.67	4.53	4.88	6.50	5.04	4.75	4.94	4.87	4.82	4.38	4.53	4.53
DE0002R	4.98	4.89	5.06	5.33	5.46	5.55	4.75	4.71	4.70	5.18	5.72	4.69
DE0004R	4.82	4.92	4.85	4.87	4.71	4.73	4.73	4.89	4.74	4.97	4.91	4.89
DK0005R	4.96	4.63	5.03	6.17	4.81	5.08	4.86	4.72	4.67	4.76	4.80	4.24
DK0008R	4.77	4.74	4.58	4.89	4.56	4.79	4.73	5.44	4.30	4.61	4.46	4.87
DK0022R	-	-	5.02	5.35	4.54	4.87	4.87	4.70	4.47	4.80	4.99	4.43
EE0009R	4.99	4.23	4.57	4.64	5.35	4.76	4.93	5.43	4.84	4.57	4.24	4.45
EE0011R	4.37	4.31	4.20	4.85	4.54	4.71	4.85	4.78	-	4.61	4.20	5.89
ES0001R	6.13	6.14	6.52	5.92	6.48	6.91	-	-	-	-	-	-
ES0003R	6.60	6.79	7.18	7.20	6.83	6.63	-	-	-	-	-	-
ES0004R	6.18	6.49	6.88	6.81	6.87	6.44	6.89	7.00	6.18	6.72	6.67	5.89
ES0005R	-	-	-	5.63	5.09	-	-	-	-	-	-	-
ES0007R	6.40	-	6.63	6.28	6.67	-	-	-	6.80	6.79	6.41	6.38
ES0008R	5.13	5.60	5.09	4.66	4.39	4.37	4.66	4.79	4.77	5.48	5.62	5.35
ES0009R	6.01	6.07	6.46	6.10	6.67	6.18	6.63	7.11	6.41	6.41	6.32	6.13
ES0010R	5.64	6.33	6.60	6.76	7.11	5.95	6.53	7.12	6.59	6.94	6.95	6.19
ES0011R	6.45	6.33	6.53	6.60	6.73	6.38	-	-	6.63	6.92	6.93	6.74
ES0012R	6.99	-	6.96	6.83	7.15	6.64	7.30	7.26	6.97	6.92	7.09	6.75
ES0013R	-	-	-	-	-	-	-	6.94	6.62	6.85	6.30	6.17
ES0014R	-	-	-	-	-	-	-	-	-	-	7.07	7.40
ES0015R	-	-	-	-	-	-	-	-	-	-	6.69	6.13
FI0004R	4.80	4.59	4.88	4.56	4.95	4.85	4.88	4.95	4.68	4.65	4.66	4.55
FI0009R	4.06	4.23	4.71	4.73	4.65	4.74	4.98	4.80	4.87	4.57	4.24	4.59
FI0017R	4.59	4.47	4.59	4.71	4.71	4.91	5.20	4.96	4.82	4.68	4.41	4.57
FI0022R	4.74	4.74	4.79	4.66	4.76	4.88	4.89	4.85	4.72	4.68	4.61	4.78
FR0003R	4.64	5.45	5.15	5.58	5.58	5.57	5.50	5.81	5.12	5.25	5.16	5.29
FR0005R	4.89	5.72	4.86	4.79	5.33	5.12	4.45	5.33	5.07	5.25	5.10	5.23
FR0008R	4.68	4.94	4.74	5.05	5.34	4.79	4.90	5.11	4.76	4.88	5.09	4.71
FR0009R	4.82	5.07	4.83	5.82	5.44	4.87	4.88	5.01	4.71	4.88	5.01	4.86
FR0010R	4.69	5.24	5.33	5.33	5.55	4.98	5.21	5.00	5.18	5.32	5.23	4.99
FR0012R	5.08	5.15	5.25	5.27	5.64	5.28	5.30	5.46	5.29	5.15	5.08	4.96
FR0013R	4.62	5.05	5.01	4.98	5.48	5.21	4.83	5.34	5.24	4.80	4.99	4.90
FR0014R	4.67	5.10	5.23	5.21	5.50	5.15	5.10	5.16	5.02	5.03	5.15	5.28
HU0002R	6.32	5.77	6.44	6.19	6.51	6.13	6.11	4.70	6.38	6.98	6.48	5.79
IE0002R	5.92	5.64	5.95	5.17	5.98	5.85	5.10	5.49	5.18	5.35	-	-
IE0003R	5.69	5.54	5.94	4.92	5.75	5.28	5.29	5.24	5.48	5.55	5.51	5.96
IE0004R	5.76	5.09	5.62	5.42	6.29	6.62	6.38	6.21	5.53	6.07	-	-
IS0002R	5.87	5.84	5.65	5.96	5.56	6.18	5.28	5.76	5.37	5.63	5.60	5.82
IT0001R	6.68	6.11	3.72	6.27	6.53	6.92	6.57	7.62	5.39	5.27	5.68	7.24
IT0004R	-	3.56	4.83	5.09	5.23	5.11	4.97	4.76	4.77	4.93	4.77	4.55
LT0015R	4.53	4.34	4.68	5.40	5.53	5.54	5.42	5.14	5.55	5.57	5.32	5.24
LV0010R	4.54	4.54	4.59	4.16	3.35	4.95	4.34	3.98	4.97	4.48	4.68	3.88
LV0016R	5.24	4.88	5.30	5.66	6.02	5.69	4.73	4.72	5.25	4.96	4.81	4.83
NL0009R	5.45	5.37	5.61	6.37	5.21	5.43	4.93	5.58	5.13	5.42	5.14	5.18
NO0001R	4.74	4.55	4.76	4.58	4.64	4.55	4.91	4.62	4.50	4.48	4.51	4.57
NO0008R	5.05	5.06	5.35	5.05	5.12	4.81	5.73	4.94	4.82	4.79	4.78	4.79
NO0015R	5.54	5.45	5.44	5.32	5.67	5.37	5.26	5.30	5.26	4.93	4.83	5.10
NO0039R	5.29	5.28	5.38	5.05	5.19	5.13	5.31	5.25	5.42	5.26	5.53	5.33
NO0041R	4.92	4.68	4.97	5.05	5.05	5.09	4.97	4.98	4.53	4.53	4.57	4.77
NO0055R	5.44	5.41	5.22	5.06	4.98	4.74	4.56	4.97	5.17	5.08	4.89	5.23
NO0099R	4.90	4.68	5.05	4.63	4.67	4.71	4.99	4.50	4.32	4.46	4.50	4.59
PL0002R	4.35	4.34	4.47	5.05	4.70	4.85	4.86	4.50	4.66	4.64	4.56	4.36
PL0003R	4.38	4.43	4.48	4.50	4.46	4.54	4.53	4.90	4.33	4.28	4.53	4.49
PL0004R	4.45	4.45	4.61	4.24	4.71	5.11	4.87	4.88	4.44	4.98	4.34	4.41
PL0005R	4.12	4.13	4.23	4.72	4.18	4.86	5.02	4.82	4.44	5.36	4.54	4.44
PT0001R	4.65	5.54	5.93	5.36	5.76	-	6.22	-	5.57	5.70	5.60	5.54
PT0003R	5.48	5.25	4.87	4.91	5.02	5.91	6.30	4.80	5.78	5.03	4.64	5.31
PT0004R	4.18	6.25	5.81	5.14	4.28	-	-	-	6.31	5.07	5.08	5.11
RU0001R	5.63	5.48	5.34	5.20	4.94	4.91	4.97	5.26	5.11	4.78	5.35	5.31
RU0013R	4.92	4.92	4.92	4.45	5.19	5.25	5.62	5.70	5.24	4.87	4.91	4.81
RU0016R	5.09	6.03	5.03	4.91	5.57	5.11	4.87	5.49	5.89	5.06	5.02	5.06
RU0018R	4.87	5.17	5.64	5.14	6.07	4.69	4.92	5.29	5.07	4.81	4.75	5.08
SE0002R	4.43	4.42	4.51	4.64	4.51	4.57	4.79	4.54	4.42	4.45	4.30	4.39
SE0005R	5.06	4.81	5.18	4.66	4.91	4.89	4.97	4.98	4.76	4.73	4.56	4.70
SE0011R	4.49	4.42	4.64	4.51	4.62	4.78	5.16	4.61	4.45	4.40	4.38	4.57
SE0012R	4.49	-	4.51	4.75	-	-	-	-	-	-	-	-
SK0002R	4.66	4.33	4.68	4.49	4.56	4.54	4.48	4.21	4.75	4.69	4.63	4.82
SK0004R	4.65	4.32	4.51	4.64	4.83	4.35	4.53	4.59	4.46	4.38	4.56	4.70
SK0005R	4.47	4.36	4.36	4.81	4.48	4.46	4.48	4.28	4.81	4.67	4.93	5.01
SK0006R	4.50	4.31	4.35	4.54	4.66	4.49	4.36	4.14	4.76	4.35	4.46	4.67
TR0001R	4.68	-	-	7.04	6.00	5.47	-	6.37	-	5.55	6.49	5.95
YU0005R	4.77	5.36	5.12	5.45	5.17	5.90	5.79	6.57	6.12	6.11	5.29	5.64
YU0008R	5.86	5.66	5.55	6.39	5.40	6.15	6.12	6.31	6.05	5.59	5.92	5.88

Table 3.24: pH in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	100	100	100	100	100	100	100	100	100	100	100	100
AT0005R	100	100	100	100	100	100	100	100	99	100	100	100
CH0002R	88	99	100	99	99	99	99	99	99	99	99	99
CH0004R	100	100	100	100	100	100	100	100	100	100	100	100
CH0005R	99	98	100	100	99	99	99	100	100	99	98	96
CZ0001R	100	83	100	98	100	77	100	100	100	100	99	97
CZ0003R	98	94	100	100	99	100	97	100	100	99	94	99
CZ0003R	100	71	100	100	100	100	100	100	100	100	100	86
DE0002R	96	98	99	99	97	97	98	98	97	96	95	88
DE0004R	98	99	98	97	99	98	99	96	99	99	98	98
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	100	100	100	100	100	100	100	100	100	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	98	100	85	100	100	83	0	0	0	0	0	0
ES0003R	100	100	100	100	100	100	0	0	0	0	0	0
ES0004R	93	87	100	87	91	91	100	100	90	99	100	75
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	100	99	92	100	100	100	100	96	99	100
ES0008R	100	100	100	98	96	100	99	98	98	98	99	100
ES0009R	34	86	96	98	100	100	100	100	100	92	99	98
ES0010R	98	92	81	94	100	93	100	87	80	92	75	59
ES0011R	59	92	98	94	94	100	100	0	98	70	98	97
ES0012R	95	100	100	95	99	100	76	100	100	98	100	100
ES0013R	0	0	0	0	0	0	0	97	88	100	99	100
ES0014R	0	0	0	0	0	0	0	0	0	0	94	97
ES0015R	0	0	0	0	0	0	0	0	0	0	88	99
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	42	72	67	100	100	100	81	100	100	99	100	99
FI0017R	100	99	100	100	99	99	100	99	99	99	99	99
FI0022R	99	99	99	99	100	99	100	100	100	99	99	99
FR0003R	93	98	97	79	59	96	79	96	53	74	47	74
FR0005R	93	91	76	97	96	59	77	40	89	92	93	87
FR0008R	98	100	68	99	67	98	99	95	97	99	84	77
FR0009R	98	89	65	83	96	98	99	94	94	97	100	58
FR0010R	97	99	100	85	96	99	99	99	99	95	100	88
FR0012R	78	93	100	66	97	85	88	88	97	99	92	65
FR0013R	90	98	99	99	99	98	86	86	99	91	99	97
FR0014R	98	98	93	97	81	95	99	99	99	89	99	98
HU0002R	100	100	36	100	100	100	100	100	97	84	100	100
IE0002R	99	99	98	100	99	99	99	100	98	99	0	0
IE0003R	100	100	99	100	100	100	98	97	92	99	99	100
IE0004R	100	100	100	100	100	99	100	100	100	100	0	0
IS0002R	100	100	100	100	100	100	100	100	100	100	100	100
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	98	94	100	100
LT0015R	100	100	100	100	100	91	99	100	100	100	100	100
LV0010R	100	100	98	100	100	100	100	100	100	95	100	100
LV0016R	92	97	96	99	99	100	100	99	100	100	99	98
NL0009R	93	80	73	78	84	99	97	99	99	99	84	98
NO0001R	99	98	99	99	93	99	98	98	99	99	100	99
NO0008R	100	100	99	91	92	99	73	99	99	99	99	99
NO0015R	99	99	99	87	74	85	69	98	99	98	94	96
NO0039R	100	100	100	99	96	98	98	91	98	100	100	100
NO0041R	98	100	100	100	61	98	100	88	100	100	100	100
NO0055R	93	89	85	92	94	100	94	77	93	97	86	81
NO0099R	81	100	99	93	99	99	99	99	99	99	100	99
PL0002R	99	98	99	99	99	96	99	99	100	100	99	98
PL0003R	99	95	98	98	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	99	99	100	100	100	100	100	100	100	91	100	100
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	95	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	100	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	100	100	100	98	100	100	100	100	100
SE0002R	100	100	100	100	100	100	100	100	100	100	100	100
SE0005R	100	100	100	100	100	100	100	100	100	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	72	97	99	94	96	94	97	95	95	98	83	96
SK0004R	95	88	99	80	100	100	99	99	99	94	97	97
SK0005R	98	97	93	94	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	100	0	0	100	100	100	100	100	100	100	100	100
YU0005R	100	100	100	100	100	100	100	100	100	100	100	100
YU0008R	100	100	100	100	100	100	100	100	100	100	100	100

*Table 3.25: Monthly weighted averages of potassium in precipitation in 2000.
(Unit: mg K/l).*

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	0.17	0.43	0.26	0.22	0.26	0.17	0.15	0.14	0.07	0.07	0.18	0.02
AT0004R	0.03	0.04	0.03	0.06	0.07	-	0.10	0.27	0.40	0.21	0.02	0.02
AT0005R	0.01	0.01	0.01	0.06	0.05	0.06	0.06	0.03	0.03	0.03	0.01	0.03
CH0002R	0.12	0.02	0.05	0.02	0.06	0.06	0.04	0.08	0.04	0.04	0.02	0.03
CH0004R	0.02	0.02	0.10	0.04	0.05	0.03	0.03	0.05	0.01	0.05	0.01	0.02
CH0005R	0.03	0.02	0.04	0.03	0.06	0.04	0.04	0.04	0.03	0.05	0.02	0.02
CZ0001R	0.08	0.05	0.05	0.10	0.06	0.20	1.28	0.18	0.12	0.21	0.24	0.07
CZ0003R	0.03	0.02	0.02	0.07	0.06	0.17	0.03	0.11	0.09	0.06	0.20	0.03
CZ0003R	0.07	0.07	0.10	0.23	0.07	0.09	0.05	0.14	0.13	0.11	0.08	0.05
DE0002R	0.12	0.17	0.14	0.22	0.28	0.33	0.10	0.13	0.06	0.16	0.09	0.05
DE0004R	0.10	0.03	0.06	0.08	0.04	0.04	0.03	0.17	0.04	0.06	0.04	0.08
DK0005R	0.42	0.12	0.10	0.18	0.17	0.13	0.40	0.16	0.30	0.18	0.21	0.11
DK0008R	0.86	0.23	0.09	0.18	0.14	0.16	0.11	0.11	0.07	0.19	0.13	0.10
DK0022R	-	-	0.07	0.04	0.04	0.03	0.03	0.04	0.07	0.12	0.11	0.13
EE0009R	0.10	0.10	0.10	0.29	0.42	0.09	0.05	0.14	0.07	0.06	0.07	0.05
EE0011R	0.30	0.10	0.12	0.08	0.13	0.13	0.07	0.07	-	0.05	0.05	0.05
ES0001R	0.14	0.05	0.15	0.08	0.18	-	-	-	-	-	-	-
ES0003R	0.17	-	0.21	0.28	0.22	0.56	-	-	-	-	-	-
ES0004R	0.25	-	0.49	0.21	0.69	1.38	2.40	0.93	1.26	0.57	0.59	0.29
ES0005R	-	-	-	0.07	0.04	-	-	-	-	-	-	-
ES0007R	0.09	-	0.23	0.12	0.11	-	-	-	0.25	0.07	0.09	0.08
ES0008R	0.34	0.26	0.23	0.14	0.27	0.17	0.22	0.25	0.21	0.25	0.29	0.28
ES0009R	0.12	0.10	0.09	0.03	0.10	0.31	0.14	0.21	0.08	0.16	0.12	0.11
ES0010R	1.32	1.40	2.19	0.77	0.82	1.51	3.64	0.76	0.22	1.66	2.25	0.97
ES0011R	2.25	0.36	0.88	0.27	0.13	0.85	-	-	0.80	0.14	0.10	0.07
ES0012R	0.10	-	0.34	0.25	0.22	0.39	1.50	1.40	0.19	0.06	0.18	0.09
ES0013R	-	-	-	-	-	-	-	0.23	0.22	0.08	0.06	0.03
ES0014R	-	-	-	-	-	-	-	-	-	-	0.10	0.09
ES0015R	-	-	-	-	-	-	-	-	-	-	0.11	0.13
FI0004R	0.04	0.04	0.03	0.06	0.37	0.09	0.02	0.02	0.03	0.05	0.02	0.03
FI0009R	0.36	0.90	0.43	0.31	0.11	0.04	0.07	0.03	0.07	0.17	0.15	0.12
FI0017R	0.16	0.13	0.09	0.08	0.10	0.09	0.07	0.04	0.06	0.27	0.10	0.12
FI0022R	0.02	0.02	0.01	0.04	0.04	0.09	0.03	0.01	0.01	0.02	0.02	0.01
FR0003R	0.04	0.03	0.03	0.07	0.10	0.10	0.10	0.16	0.14	0.02	0.01	0.01
FR0005R	0.24	0.39	0.45	0.28	0.11	0.22	0.04	0.25	0.12	0.40	0.20	0.17
FR0008R	0.02	0.05	0.07	0.06	0.07	0.08	0.04	0.08	0.03	0.02	0.01	0.01
FR0009R	0.03	0.04	0.09	0.08	0.13	0.10	0.05	0.07	0.03	0.03	0.08	0.01
FR0010R	0.03	0.03	0.04	0.08	0.14	0.10	0.06	0.07	0.12	0.28	0.05	0.01
FR0012R	0.01	0.03	0.12	0.04	0.07	0.07	0.04	0.06	0.08	0.03	0.01	0.03
FR0013R	0.09	0.06	0.07	0.09	0.13	0.08	0.06	0.17	0.05	0.08	0.04	0.05
FR0014R	0.02	0.03	0.06	0.05	0.06	0.09	0.06	0.04	0.02	0.01	0.03	0.01
GB0002R	-	-	-	0.03	0.21	0.13	0.02	0.03	-	-	0.07	0.06
HU0002R	0.65	0.18	0.37	0.22	0.20	0.22	0.15	0.29	0.15	0.40	0.16	0.33
IE0002R	0.19	0.26	0.24	0.17	0.18	0.55	0.06	0.11	0.21	0.25	-	-
IE0003R	0.16	0.52	0.24	0.04	0.20	0.33	0.32	0.26	0.66	0.97	0.69	0.47
IE0004R	0.28	0.23	0.50	0.08	1.04	0.20	0.13	0.13	0.37	0.96	-	-
IT0001R	2.00	0.28	0.28	0.21	0.24	0.76	0.26	2.47	0.13	0.08	0.17	0.83
IT0004R	-	0.82	0.03	0.04	0.08	0.11	0.03	0.14	0.10	0.14	0.07	0.06
LT0015R	0.26	0.40	0.21	0.18	0.23	0.26	0.23	0.20	0.24	0.23	0.12	0.12
LV0010R	0.14	0.18	0.10	0.04	0.10	0.04	0.06	0.09	0.16	0.12	0.08	0.10
LV0016R	0.21	0.17	0.14	0.26	0.19	0.13	0.10	0.08	0.15	0.05	0.04	0.19
NL0009R	0.18	0.12	0.21	0.76	0.12	0.18	0.14	0.40	0.10	0.24	0.16	0.11
NO0001R	0.12	0.08	0.04	0.04	0.18	0.04	0.01	0.07	0.07	0.14	0.07	0.08
NO0008R	0.45	0.21	0.15	0.23	0.19	0.23	0.33	0.18	0.16	0.14	0.12	0.13
NO0015R	0.20	0.20	0.17	0.18	0.22	0.09	0.08	0.07	0.06	0.06	0.20	0.10
NO0039R	0.19	0.12	0.12	0.10	0.06	0.04	0.06	0.03	0.09	0.05	-	0.03
NO0041R	0.04	0.19	0.05	0.12	0.10	0.14	0.03	0.05	0.07	0.04	0.02	0.01
NO0055R	0.40	0.37	0.20	0.11	0.17	0.14	0.16	0.10	0.11	0.23	0.31	0.31
NO0099R	6.45	1.54	1.33	0.20	1.43	0.83	0.33	0.35	0.33	1.40	0.57	1.31
PL0002R	0.10	0.08	0.06	0.10	0.07	0.10	0.07	0.15	0.04	0.14	0.07	0.12
PL0003R	0.19	0.22	0.21	0.14	0.35	0.17	0.24	0.27	0.25	0.37	0.28	0.31
PL0004R	0.11	0.09	0.08	0.09	0.09	0.07	0.07	0.09	0.21	0.13	0.10	0.10
PL0005R	0.07	0.08	0.09	0.21	0.15	0.83	0.93	0.12	0.09	0.33	0.11	0.11
PT0001R	0.04	0.18	0.51	0.05	0.04	-	0.23	-	0.13	0.12	0.11	0.05
PT0003R	0.04	0.07	0.88	0.05	0.04	0.17	0.42	0.39	0.20	0.07	0.14	0.11
PT0004R	0.23	0.25	3.65	0.10	0.04	-	-	-	0.61	0.26	0.07	0.14
RU0001R	0.52	0.38	0.59	0.75	0.52	0.25	0.53	0.24	0.23	0.41	0.88	0.57
RU0013R	0.38	0.21	0.26	0.31	0.24	0.29	0.41	0.21	0.22	0.16	0.18	0.26
RU0016R	0.73	1.08	0.48	0.65	0.82	0.78	0.14	0.67	0.41	0.35	0.41	0.38
RU0018R	0.16	0.18	0.22	0.46	0.79	0.11	0.20	0.37	0.24	0.33	0.25	0.19
SE0002R	0.25	0.12	0.11	0.06	0.10	0.12	0.04	0.08	0.04	0.12	0.09	0.11
SE0005R	0.04	0.04	0.05	0.06	0.01	0.09	0.03	0.03	0.04	0.05	0.01	0.01
SE0011R	0.23	0.12	0.07	0.05	0.08	0.14	0.07	0.05	0.05	0.13	0.02	0.04
SE0012R	0.04	-	0.04	0.07	-	-	-	-	-	-	-	-
SK0002R	0.19	0.29	0.20	0.24	0.34	0.26	0.20	0.22	0.33	0.43	0.23	0.13
SK0004R	0.41	0.18	0.09	0.18	0.32	0.20	0.20	0.27	0.10	0.18	0.15	0.09
SK0005R	0.31	0.40	0.23	0.19	0.24	0.23	0.10	0.23	0.28	0.12	0.16	0.15
SK0006R	0.27	0.31	0.14	0.41	0.13	0.09	0.13	0.36	0.23	0.19	0.17	0.30
TR0001R	-	-	-	0.35	0.40	0.33	-	0.59	-	0.31	0.21	0.44
YU0005R	0.37	0.37	0.34	0.86	0.79	-	0.22	1.12	0.21	4.71	0.44	0.57
YU0008R	0.10	0.18	0.23	0.26	0.50	0.38	0.46	0.34	0.35	0.15	0.14	0.09

Table 3.26: Potassium in precipitation 2000. Data completeness (per cent analyzed).

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AT0002R	100	100	100	100	100	100	100	100	100	100	100	100
AT0004R	36	49	64	36	76	0	100	99	81	99	87	69
AT0005R	100	97	100	100	100	99	39	99	100	81	100	99
CH0002R	74	98	96	99	99	98	99	99	95	97	98	89
CH0004R	97	100	97	100	100	100	100	100	98	100	100	100
CH0005R	93	98	99	100	99	99	99	100	99	98	95	81
CZ0001R	100	53	100	98	100	77	100	100	100	100	99	97
CZ0003R	97	94	98	100	97	99	85	100	100	98	90	98
CZ0003R	100	71	100	100	100	100	100	100	100	100	92	86
DE0002R	97	97	98	96	97	98	99	98	97	96	95	89
DE0004R	99	99	99	98	99	99	99	99	99	99	99	99
DK0005R	100	100	100	100	100	100	100	100	100	100	100	100
DK0008R	100	100	100	100	100	100	100	100	100	100	100	100
DK0022R	0	0	100	100	100	100	100	100	100	100	100	100
EE0009R	100	92	100	100	94	100	100	100	100	100	100	65
EE0011R	100	100	100	100	100	100	100	100	100	100	100	100
ES0001R	92	100	81	99	96	0	0	0	0	0	0	0
ES0003R	100	0	97	23	93	97	0	0	0	0	0	0
ES0004R	90	0	95	68	91	91	100	88	77	94	92	62
ES0005R	100	100	100	100	100	0	0	0	0	0	0	0
ES0007R	66	100	99	97	90	100	100	100	100	92	99	99
ES0008R	100	96	99	97	95	96	98	92	98	97	99	99
ES0009R	34	56	88	91	99	93	98	100	97	79	97	95
ES0010R	97	85	80	75	100	93	100	85	80	92	75	59
ES0011R	59	92	79	93	93	100	100	0	98	70	98	97
ES0012R	65	100	100	95	99	100	76	100	100	98	96	99
ES0013R	0	0	0	0	0	0	0	97	88	97	93	95
ES0014R	0	0	0	0	0	0	0	0	0	0	92	93
ES0015R	0	0	0	0	0	0	0	0	0	0	87	87
FI0004R	100	100	99	100	100	100	100	100	99	100	100	100
FI0009R	39	72	66	100	98	100	81	99	100	99	99	98
FI0017R	100	99	100	97	99	99	99	99	99	99	99	99
FI0022R	98	97	99	99	100	99	100	99	100	99	98	99
FR0003R	93	98	97	97	64	95	79	93	53	70	47	71
FR0005R	90	85	80	96	94	59	73	35	85	90	93	87
FR0008R	98	99	90	98	67	93	99	95	96	98	84	76
FR0009R	98	86	96	80	90	76	95	94	93	96	98	56
FR0010R	97	98	100	98	94	83	99	85	99	94	99	85
FR0012R	78	93	96	66	98	85	76	90	79	99	91	65
FR0013R	90	98	98	98	97	98	86	97	98	91	99	97
FR0014R	95	98	93	97	79	94	99	99	99	88	96	96
GB0002R	0	0	0	81	99	100	99	99	0	0	100	99
HU0002R	100	100	100	100	100	100	100	100	100	76	100	100
IE0002R	100	100	100	100	100	100	100	100	100	100	0	0
IE0003R	100	100	100	100	100	100	100	100	100	100	100	100
IE0004R	100	100	100	100	100	100	100	100	100	100	0	0
IT0001R	100	100	100	100	100	100	100	100	100	100	100	100
IT0004R	100	100	100	100	100	100	100	100	100	94	100	100
LT0015R	99	100	100	100	100	91	99	100	100	100	100	100
LV0010R	98	91	94	100	100	100	100	98	100	95	100	98
LV0016R	83	95	96	97	83	99	99	99	93	100	92	88
NL0009R	86	75	72	71	82	89	94	98	96	99	81	96
NO0001R	99	97	96	99	93	98	98	98	98	99	100	99
NO0008R	99	99	98	99	98	99	73	98	99	99	99	99
NO0015R	99	98	97	74	77	83	69	97	96	95	84	93
NO0039R	100	99	99	96	93	98	94	99	94	98	0	99
NO0041R	98	98	100	100	61	98	100	87	100	100	100	100
NO0055R	83	73	85	84	86	99	92	76	91	92	60	61
NO0099R	97	98	95	95	98	94	96	98	99	99	99	99
PL0002R	98	98	99	99	99	96	99	99	99	77	98	98
PL0003R	99	95	98	96	99	99	99	98	99	94	99	99
PL0004R	94	98	98	98	94	97	100	97	99	99	97	99
PL0005R	97	94	99	96	99	98	99	99	94	63	94	90
PT0001R	87	49	97	88	81	0	57	0	58	80	59	95
PT0003R	31	86	68	90	91	74	73	94	91	92	96	98
PT0004R	100	76	72	91	80	100	0	100	80	96	87	89
RU0001R	100	100	100	100	100	100	100	100	100	100	100	100
RU0013R	100	100	100	100	100	100	100	100	100	100	100	100
RU0016R	100	100	100	100	100	100	100	100	100	100	100	100
RU0018R	100	100	100	100	100	100	100	100	100	100	100	100
SE0002R	100	99	100	100	99	99	100	99	99	100	100	99
SE0005R	98	100	98	100	100	100	100	100	99	100	100	100
SE0011R	100	100	100	91	100	100	77	100	100	100	100	100
SE0012R	100	0	100	100	0	0	0	0	0	0	0	0
SK0002R	97	97	99	96	96	94	97	95	95	98	83	96
SK0004R	95	88	99	99	100	100	99	99	99	94	97	97
SK0005R	98	97	96	98	99	99	99	95	83	93	99	94
SK0006R	98	99	97	61	90	99	100	100	83	100	98	100
TR0001R	0	0	0	98	100	100	100	100	100	97	100	100
YU0005R	100	100	96	96	100	0	98	94	92	100	100	59
YU0008R	83	100	100	100	96	100	100	100	100	100	100	100

Annex 4

Seasonal summaries of gases and aerosols

AT0002R Illmitz Austria

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.65	2.09	3.16	1.71	1.13	1.28	3.13	7.65	10.02	97.8	0	89	
SO4--	0.80	0.71	0.64	1.94	0.10	0.20	0.64	1.35	4.76	49.5	0	45	
SO2	2.02	1.82	1.46	2.29	0.22	0.25	1.58	5.34	9.39	60.4	0	55	
SO2	2.77	2.67	1.85	2.50	0.24	0.41	1.78	9.06	11.33	98.9	0	90	
NH3+NH4+	1.89	0.77	1.75	1.50	0.88	0.92	1.67	3.26	3.40	26.4	0	24	
HNO3+NO3	0.72	0.38	0.62	1.80	0.16	0.18	0.58	1.43	1.49	26.4	0	24	

AT0002R Illmitz Austria

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.09	1.11	1.86	1.63	0.49	0.84	1.82	3.92	7.27	100.0	0	92	
SO4--	1.03	0.65	0.81	2.21	0.04	0.21	0.87	2.24	2.94	98.9	0	91	
SO2	1.27	1.00	0.91	2.48	0.07	0.14	1.07	2.93	5.28	91.3	0	84	
SO2	1.28	0.93	1.00	2.17	0.00	0.23	1.01	3.15	4.77	100.0	1	92	
NH3+NH4+	2.68	1.43	2.34	1.70	0.56	0.96	2.34	4.91	9.32	98.9	0	91	
HNO3+NO3	0.64	0.41	0.55	1.69	0.16	0.23	0.52	1.40	2.74	98.9	0	91	

AT0002R Illmitz Austria

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.75	0.53	1.67	1.36	0.70	0.93	1.66	2.78	3.67	98.9	0	91	
SO4--	0.97	0.48	0.86	1.67	0.28	0.35	0.92	1.67	2.78	98.9	0	91	
SO2	0.83	0.55	0.67	1.94	0.13	0.22	0.63	1.71	2.97	90.2	0	83	
SO2	0.89	0.52	0.75	1.85	0.16	0.25	0.77	1.70	3.17	98.9	0	91	
NH3+NH4+	2.49	0.92	2.33	1.46	1.00	1.17	2.43	3.94	6.25	98.9	0	91	
HNO3+NO3	0.43	0.15	0.41	1.47	0.15	0.21	0.44	0.67	0.89	98.9	0	91	

AT0002R Illmitz Austria

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.70	1.24	2.42	1.62	0.82	0.96	2.35	5.01	6.03	100.0	0	91	
SO4--	1.12	0.74	0.86	2.21	0.08	0.24	0.96	2.55	2.91	100.0	0	91	
SO2	1.19	0.95	0.92	2.07	0.11	0.28	0.80	3.38	4.85	100.0	0	91	
SO2	1.20	1.12	0.77	2.78	0.06	0.10	0.80	3.35	5.49	100.0	0	91	
NH3+NH4+	3.23	2.07	2.85	1.63	0.64	1.25	2.82	5.59	17.98	98.9	0	90	
HNO3+NO3	0.93	1.72	0.61	2.15	0.13	0.18	0.61	1.81	14.98	100.0	0	91	

AT0004R St. Koloman Austria

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.67	1.76	1.11	2.47	0.14	0.25	1.11	5.21	10.82	93.4	0	85	
SO2	0.61	0.63	0.49	1.74	0.23	0.25	0.45	1.35	5.66	94.5	0	86	

AT0004R St. Koloman Austria

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.41	0.62	1.28	1.61	0.25	0.54	1.37	2.81	3.08	96.7	0	89	
SO2	0.33	0.22	0.26	2.09	0.04	0.06	0.29	0.71	1.29	98.9	0	91	

AT0004R St. Koloman Austria

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.44	0.51	1.35	1.44	0.52	0.71	1.34	2.34	2.89	100.0	0	92	
SO2	0.38	0.15	0.35	1.47	0.11	0.21	0.35	0.69	0.83	100.0	0	92	

AT0004R St. Koloman Austria

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.99	1.53	1.50	2.20	0.19	0.37	1.52	5.17	6.74	95.6	0	87	
SO2	0.28	0.18	0.22	2.07	0.01	0.08	0.21	0.61	1.06	100.0	0	91	

AT0005R Vorhegg Austria

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.17	0.74	0.99	1.76	0.26	0.37	0.94	2.60	3.91	100.0	0	91	
SO2	0.96	0.75	0.79	1.76	0.33	0.39	0.64	2.34	4.55	97.8	0	89	

AT0005R Vorhegg Austria

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.89	0.35	0.82	1.52	0.22	0.40	0.86	1.53	2.01	94.6	0	87	
SO2	0.39	0.57	0.28	3.67	0.00	0.00	0.16	1.61	3.11	98.9	16	91	

AT0005R Vorhegg Austria

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.79	0.30	0.73	1.48	0.29	0.37	0.74	1.41	1.60	98.9	0	91	
SO2	0.27	0.31	0.15	3.48	0.00	0.01	0.18	1.00	1.68	100.0	2	92	

AT0005R Vorhegg Austria

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.73	0.38	0.64	1.67	0.15	0.22	0.66	1.34	2.48	98.9	0	90	
SO2	0.22	0.21	0.17	2.18	0.01	0.05	0.20	0.49	1.65	98.9	0	90	

BE0001R Offagne Belgium

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.69	2.81	4.05	1.71	1.24	1.77	3.98	10.33	17.04	100.0	0	91	

BE0001R Offagne Belgium

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.41	2.32	3.89	1.64	1.13	1.85	3.77	9.28	11.76	97.8	0	90	

BE0001R	Offagne			Belgium									
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.19	1.02	3.04	1.37	1.51	1.92	3.04	4.93	6.15	98.9	0	91	
BE0001R	Offagne			Belgium									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.83	1.09	2.64	1.46	1.24	1.47	2.69	4.56	6.58	98.9	0	90	
BE0032R	Eupen			Belgium									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	5.14	3.47	4.14	1.93	1.83	1.85	3.79	11.88	14.83	98.9	0	90	
BE0032R	Eupen			Belgium									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	5.54	3.75	4.50	1.90	1.83	1.84	4.17	11.92	21.17	100.0	0	92	
BE0032R	Eupen			Belgium									
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.78	1.59	3.50	1.48	1.83	1.86	3.40	7.57	8.54	94.6	0	87	
BE0032R	Eupen			Belgium									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.85	1.55	2.59	1.50	1.83	1.83	2.16	6.16	11.18	98.9	0	90	
BE0035R	Vezin			Belgium									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	7.37	3.51	6.55	1.65	1.47	2.85	6.72	14.07	17.56	100.0	0	91	
BE0035R	Vezin			Belgium									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	6.66	2.86	6.11	1.53	1.74	3.21	5.73	11.94	15.39	84.8	0	78	
BE0035R	Vezin			Belgium									
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.95	1.67	4.70	1.37	1.89	2.67	4.82	7.89	12.53	100.0	0	92	

BE0035R Vezin Belgium

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.65	1.51	4.40	1.41	1.44	2.20	4.62	6.78	10.47	98.9	0	90	

CH0001G Jungfrauoch Switzerland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.06	0.07	0.04	2.55	0.01	0.01	0.03	0.19	0.36	82.4	0	75	
PM10	0.89	0.73	0.73	1.80	0.50	0.50	0.50	2.10	4.20	93.4	48	85	
SO4--	0.04	0.04	0.03	1.89	0.02	0.02	0.02	0.11	0.24	98.9	48	90	
SO2	0.07	0.10	0.04	2.57	0.01	0.01	0.04	0.20	0.75	98.9	0	90	

CH0001G Jungfrauoch Switzerland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.08	0.07	0.05	2.30	0.01	0.01	0.05	0.21	0.37	78.3	0	72	
PM10	4.91	6.08	3.03	2.67	0.50	0.50	2.90	10.80	35.40	100.0	8	92	
SO4--	0.13	0.10	0.09	2.39	0.02	0.02	0.09	0.32	0.48	100.0	14	92	
SO2	0.06	0.05	0.05	2.15	0.01	0.01	0.05	0.16	0.26	98.9	0	91	

CH0001G Jungfrauoch Switzerland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.06	0.03	0.05	1.59	0.02	0.02	0.05	0.13	0.15	88.0	0	81	
PM10	5.93	4.67	4.15	2.58	0.50	0.50	4.70	15.30	19.60	100.0	8	92	
SO4--	0.24	0.23	0.14	3.21	0.02	0.02	0.16	0.69	1.25	97.8	16	90	
SO2	0.04	0.04	0.03	2.19	0.01	0.01	0.01	0.12	0.22	95.7	0	88	

CH0001G Jungfrauoch Switzerland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.20	0.29	0.10	2.97	0.01	0.03	0.07	0.78	1.54	93.4	0	85	
PM10	1.60	2.19	0.96	2.42	0.50	0.50	0.50	7.80	10.40	97.8	50	89	
SO4--	0.09	0.11	0.06	2.48	0.02	0.02	0.06	0.36	0.59	100.0	30	91	
SO2	0.07	0.06	0.05	2.05	0.01	0.01	0.05	0.17	0.49	100.0	0	91	

CH0002R Payerne Switzerland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	7.41	3.16	6.66	1.64	1.65	2.30	7.00	12.66	15.83	91.2	0	83	
PM10	27.74	17.94	21.84	2.10	3.90	5.12	23.30	63.88	71.50	93.4	0	85	
SO4--	0.69	0.47	0.55	2.06	0.09	0.15	0.61	1.66	2.35	98.9	0	90	
SO2	1.16	0.41	1.09	1.40	0.47	0.62	1.07	1.98	2.61	100.0	0	91	

CH0002R Payerne Switzerland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.44	1.98	4.05	1.55	1.48	1.80	4.34	8.37	12.06	94.6	0	87	
PM10	18.14	10.23	15.52	1.79	3.10	5.02	16.90	36.32	58.90	100.0	0	92	
SO4--	0.50	0.22	0.45	1.63	0.11	0.18	0.48	0.92	1.13	100.0	0	92	
SO2	0.88	0.33	0.82	1.47	0.28	0.38	0.87	1.38	2.13	93.5	0	86	

CH0002R Payerne Switzerland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.13	1.16	2.90	1.49	1.05	1.37	2.99	4.70	6.44	95.7	0	88	
PM10	16.85	6.85	15.37	1.56	5.80	7.43	16.95	28.63	30.80	94.6	0	87	
SO4--	0.69	0.36	0.59	1.78	0.14	0.24	0.62	1.31	1.68	95.7	0	88	
SO2	0.41	0.29	0.32	2.14	0.06	0.08	0.34	1.01	1.55	90.2	0	83	

CH0002R Payerne Switzerland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.52	1.87	4.07	1.65	0.83	1.32	4.30	7.23	8.44	91.2	0	83	
PM10	16.49	10.17	13.66	1.88	3.33	4.93	13.75	35.27	51.20	94.5	0	86	
SO4--	0.48	0.36	0.36	2.17	0.06	0.10	0.37	1.27	1.47	100.0	0	91	
SO2	0.50	0.32	0.42	1.85	0.08	0.15	0.44	0.94	1.97	91.2	0	83	

CH0003R Tanikon Switzerland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	6.30	3.12	5.66	1.59	2.05	2.60	5.42	12.88	17.81	94.5	0	86	
PM10	21.13	14.12	16.82	2.03	3.30	4.36	17.70	49.35	61.10	100.0	0	91	

CH0003R Tanikon Switzerland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.92	1.53	3.66	1.45	1.68	1.91	3.67	6.65	10.39	96.7	0	89	
PM10	17.17	9.14	15.05	1.70	2.20	6.12	15.60	36.04	50.10	100.0	0	92	

CH0003R Tanikon Switzerland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.84	0.90	2.70	1.38	1.14	1.43	2.74	4.47	5.62	97.8	0	90	
PM10	15.80	6.38	14.41	1.57	5.00	5.76	16.05	25.58	35.40	98.9	0	91	

CH0003R Tanikon Switzerland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.35	1.78	4.00	1.53	1.11	1.94	4.26	8.15	10.08	100.0	0	91	
PM10	15.71	8.65	13.73	1.68	4.00	5.71	12.91	30.17	43.60	100.0	0	91	

CH0004R Chaumont Switzerland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.92	1.27	1.60	1.81	0.50	0.60	1.42	4.28	7.38	97.8	0	89	
PM10	8.06	6.31	6.41	1.97	1.50	1.80	6.40	17.08	45.70	90.1	0	82	
SO2	0.52	0.43	0.37	2.45	0.05	0.08	0.43	1.51	1.90	97.8	0	89	

CH0004R Chaumont Switzerland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.86	1.03	2.67	1.49	0.71	1.00	2.73	4.54	6.14	100.0	0	92	
PM10	12.38	7.00	10.31	1.92	1.40	2.90	11.70	24.74	35.80	100.0	0	92	
SO2	0.50	0.41	0.35	2.56	0.02	0.06	0.37	1.34	1.75	100.0	0	92	

CH0004R Chaumont Switzerland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.07	0.53	2.01	1.29	1.12	1.26	2.02	2.92	4.11	82.6	0	76	
PM10	12.49	5.86	10.95	1.73	2.50	3.62	12.80	21.90	26.70	100.0	0	92	
SO2	0.47	0.44	0.31	2.71	0.05	0.06	0.36	1.32	2.35	91.3	0	84	

CH0004R Chaumont Switzerland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.92	0.75	1.79	1.46	0.81	1.02	1.76	3.12	4.61	100.0	0	91	
PM10	8.86	6.38	6.97	2.02	1.53	2.30	6.66	23.16	32.10	100.0	0	91	
SO2	0.38	0.27	0.29	2.10	0.04	0.08	0.28	0.86	1.36	100.0	0	91	

CH0005R Rigi Switzerland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.39	1.97	1.96	1.78	0.73	0.89	1.78	6.28	12.16	93.4	0	85	
PM10	6.98	5.76	5.39	2.05	0.50	1.97	4.90	17.68	33.60	95.6	0	87	
SO4--	0.32	0.30	0.22	2.41	0.02	0.04	0.22	0.92	1.56	95.6	0	87	
SO2	0.44	0.32	0.37	1.78	0.12	0.16	0.34	1.06	1.89	93.4	0	85	
NH3+NH4+	0.87	0.82	0.58	2.53	0.10	0.10	0.59	2.91	3.59	65.9	0	60	
HNO3+NO3	0.56	0.51	0.38	2.52	0.03	0.07	0.35	1.66	2.28	65.9	0	60	

CH0005R Rigi Switzerland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.35	0.71	2.24	1.35	1.07	1.38	2.27	3.44	4.56	97.8	0	90	
PM10	13.59	8.20	11.15	1.95	1.40	3.42	12.20	28.78	37.50	100.0	0	92	
SO4--	0.56	0.30	0.49	1.71	0.13	0.16	0.49	1.09	1.68	100.0	0	92	
SO2	0.33	0.22	0.27	1.95	0.06	0.08	0.25	0.75	1.15	98.9	0	91	
NH3+NH4+	2.06	1.28	1.65	2.03	0.25	0.49	1.85	4.57	6.35	100.0	0	92	
HNO3+NO3	0.83	0.57	0.64	2.17	0.09	0.15	0.68	1.91	2.70	100.0	0	92	

CH0005R Rigi Switzerland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.25	0.67	2.15	1.35	0.93	1.40	2.12	3.46	4.10	91.3	0	84	
PM10	13.70	6.34	11.85	1.82	2.10	3.60	13.80	22.74	24.30	100.0	0	92	
SO4--	0.77	0.43	0.65	1.84	0.08	0.23	0.68	1.64	1.84	96.7	0	89	
SO2	0.29	0.16	0.24	1.84	0.05	0.08	0.26	0.62	0.81	93.5	0	86	
NH3+NH4+	2.46	1.24	2.05	2.00	0.20	0.47	2.46	4.65	4.95	97.8	0	90	
HNO3+NO3	0.68	0.38	0.55	2.10	0.06	0.10	0.69	1.32	1.66	97.8	0	90	

CH0005R Rigi Switzerland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.33	0.80	2.18	1.45	0.77	1.02	2.19	3.60	4.91	100.0	0	91	
PM10	9.70	7.08	7.56	2.05	1.39	2.35	7.20	24.45	32.10	98.9	0	90	
SO4--	0.46	0.36	0.36	2.05	0.08	0.12	0.33	1.10	1.78	100.0	0	91	
SO2	0.27	0.14	0.24	1.61	0.09	0.10	0.24	0.49	0.88	100.0	0	91	
NH3+NH4+	1.35	0.94	1.03	2.23	0.10	0.22	1.12	3.16	4.22	100.0	0	91	
HNO3+NO3	0.62	0.47	0.47	2.20	0.08	0.14	0.43	1.57	1.95	100.0	0	91	

CZ0001R Svratouch Czech Republic

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.49	0.56	1.40	1.38	0.74	0.90	1.32	2.70	3.61	97.8	0	89	
NH4+	1.02	0.69	0.83	1.93	0.16	0.31	0.85	2.56	3.07	97.8	0	89	
NO3-	0.93	0.49	0.82	1.64	0.32	0.37	0.76	1.84	2.72	97.8	0	89	
HNO3	0.32	0.14	0.28	1.92	0.01	0.06	0.33	0.51	0.90	97.8	0	89	
NO2	2.90	1.09	2.67	1.56	0.50	0.95	2.90	4.95	5.80	93.4	0	85	
SO2	3.40	2.47	2.77	1.88	0.70	0.95	2.70	8.60	12.40	100.0	0	91	
NH3+NH4+	2.51	0.92	2.36	1.43	1.06	1.41	2.27	4.26	4.63	97.8	0	89	
HNO3+NO3	1.25	0.49	1.16	1.45	0.57	0.65	1.15	2.19	2.86	97.8	0	89	

CZ0001R Svratouch Czech Republic

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.55	0.84	1.38	1.63	0.36	0.45	1.42	2.68	6.92	100.0	0	92	
NH4+	1.00	0.83	0.72	2.32	0.07	0.17	0.81	2.55	4.25	100.0	0	92	
NO3-	0.72	0.51	0.60	1.78	0.14	0.25	0.59	1.69	3.32	100.0	0	92	
HNO3	0.37	0.18	0.32	1.91	0.01	0.08	0.35	0.63	1.28	100.0	0	92	
NO2	0.93	0.67	0.65	2.58	0.10	0.10	0.80	2.20	2.50	87.0	0	80	
SO2	1.90	0.95	1.65	1.77	0.30	0.66	1.80	3.50	5.00	100.0	0	92	
NH3+NH4+	2.54	1.23	2.34	1.49	0.71	1.41	2.20	4.90	9.47	100.0	0	92	
HNO3+NO3	1.09	0.55	1.00	1.50	0.46	0.57	0.99	2.21	3.86	100.0	0	92	

CZ0001R Svratouch Czech Republic

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	2.10	0.66	2.00	1.40	0.67	1.04	2.14	2.91	4.13	100.0	0	92	
NH4+	0.68	0.47	0.54	2.02	0.11	0.16	0.54	1.53	2.32	100.0	0	92	
NO3-	0.36	0.29	0.22	3.12	0.01	0.03	0.32	0.83	1.24	100.0	0	92	
HNO3	0.17	0.16	0.11	2.52	0.01	0.03	0.12	0.47	0.90	100.0	0	92	
NO2	0.76	0.39	0.64	1.88	0.10	0.20	0.70	1.40	2.10	90.2	0	83	
SO2	1.08	0.66	0.88	1.95	0.10	0.20	1.00	2.38	3.30	100.0	0	92	
NH3+NH4+	2.78	0.91	2.62	1.43	0.80	1.37	2.79	4.38	5.26	100.0	0	92	
HNO3+NO3	0.52	0.39	0.39	2.26	0.07	0.10	0.45	1.17	1.99	100.0	0	92	

CZ0001R Svratouch Czech Republic

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.76	0.76	1.67	1.34	1.04	1.19	1.59	2.86	7.30	100.0	0	91	
NH4+	0.89	0.58	0.73	1.92	0.20	0.27	0.78	1.93	3.14	100.0	0	91	
NO3-	0.46	0.32	0.37	1.97	0.06	0.12	0.37	1.09	1.79	100.0	0	91	
HNO3	0.35	0.72	0.14	3.69	0.01	0.01	0.13	1.52	5.22	100.0	0	91	
NO2	0.87	0.64	0.62	2.53	0.10	0.10	0.80	1.90	3.50	94.5	0	86	
SO2	1.41	1.23	1.04	2.17	0.20	0.30	1.00	3.83	7.10	93.4	0	85	
NH3+NH4+	2.65	1.03	2.50	1.38	1.50	1.57	2.31	4.59	8.30	100.0	0	91	
HNO3+NO3	0.81	0.77	0.62	1.99	0.14	0.18	0.60	1.91	5.81	100.0	0	91	

CZ0003R Kosetice Czech Republic

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.41	0.36	1.37	1.28	0.58	0.93	1.33	2.12	2.88	100.0	0	91	
NH4+	0.98	0.81	0.78	1.88	0.27	0.34	0.68	2.85	4.12	100.0	0	91	
NO3-	1.16	0.44	1.08	1.48	0.34	0.46	1.05	2.05	2.66	100.0	0	91	
HNO3	0.80	0.54	0.65	1.96	0.13	0.21	0.64	1.64	3.06	98.9	0	90	
NO2	3.12	1.32	2.81	1.64	0.70	1.00	3.20	5.10	7.70	96.7	0	88	
SO2	2.16	1.94	1.47	2.56	0.10	0.20	1.70	6.10	10.60	100.0	0	91	
NH3+NH4+	2.38	0.89	2.26	1.37	1.26	1.49	2.15	4.18	5.76	98.9	0	90	
HNO3+NO3	1.96	0.75	1.83	1.45	0.60	1.02	1.83	3.27	4.68	98.9	0	90	

CZ0003R Kosetice Czech Republic

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.74	0.92	1.44	2.02	0.08	0.42	1.73	2.98	6.23	100.0	0	92	
NH4+	0.98	0.72	0.77	2.04	0.14	0.20	0.85	1.82	4.29	100.0	0	92	
NO3-	0.68	0.36	0.61	1.57	0.14	0.30	0.61	1.18	3.04	100.0	0	92	
HNO3	0.40	0.30	0.28	2.62	0.02	0.03	0.32	0.84	1.81	100.0	0	92	
NO2	1.53	0.76	1.32	1.82	0.20	0.30	1.50	2.70	4.00	97.8	0	90	
SO2	1.45	0.96	1.08	2.43	0.10	0.15	1.30	3.15	4.90	97.8	0	90	
NH3+NH4+	2.72	1.03	2.56	1.40	1.09	1.54	2.50	4.46	6.93	100.0	0	92	
HNO3+NO3	1.08	0.49	0.99	1.49	0.34	0.49	0.99	1.79	3.94	100.0	0	92	

CZ0003R Kosetice Czech Republic

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	2.33	0.61	2.25	1.32	0.85	1.28	2.33	3.24	4.22	100.0	0	92	
NH4+	0.87	0.86	0.67	1.99	0.13	0.23	0.68	1.66	6.53	100.0	0	92	
NO3-	0.35	0.36	0.18	3.63	0.02	0.02	0.22	0.94	2.00	100.0	0	92	
HNO3	0.21	0.23	0.12	2.91	0.02	0.02	0.13	0.67	1.15	100.0	0	92	
NO2	0.91	0.67	0.69	2.21	0.10	0.20	0.70	2.24	3.00	100.0	0	92	
SO2	0.78	0.55	0.62	2.04	0.10	0.20	0.60	1.74	2.70	100.0	0	92	
NH3+NH4+	3.20	1.05	3.07	1.33	1.58	1.91	3.05	4.65	9.01	100.0	0	92	
HNO3+NO3	0.56	0.37	0.45	2.05	0.10	0.12	0.48	1.21	2.03	100.0	0	92	

CZ0003R Kosetice Czech Republic

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	2.42	0.90	2.29	1.40	0.58	1.33	2.28	3.81	7.51	100.0	0	91	
NH4+	0.98	0.52	0.85	1.73	0.26	0.32	0.88	2.05	2.76	100.0	0	91	
NO3-	0.46	0.26	0.40	1.65	0.14	0.17	0.39	0.85	1.62	100.0	0	91	
HNO3	0.58	0.39	0.44	2.28	0.03	0.10	0.52	1.20	1.98	96.7	0	88	
NO2	1.11	0.62	0.88	2.25	0.10	0.10	1.00	2.20	2.40	98.9	0	90	
SO2	0.76	0.75	0.53	2.44	0.10	0.10	0.60	2.02	4.60	97.8	0	89	
NH3+NH4+	3.40	1.16	3.24	1.37	0.98	2.12	3.06	5.72	8.96	100.0	0	91	
HNO3+NO3	1.04	0.44	0.94	1.57	0.30	0.42	1.02	1.76	2.29	96.7	0	88	

DE0001R Westerland Germany

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.43	2.12	1.84	2.07	0.33	0.69	1.74	6.10	12.42	97.8	0	89	
PM10	37.64	22.02	31.56	1.85	8.00	10.50	29.00	78.00	88.00	98.9	0	90	

DE0001R Westerland Germany

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.43	0.81	1.22	1.85	0.15	0.32	1.30	2.90	4.32	98.9	0	91	
PM10	20.78	8.68	19.07	1.52	7.00	9.35	20.00	38.00	44.00	94.6	0	87	

DE0001R Westerland Germany
June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.17	0.61	1.02	1.70	0.21	0.51	0.96	2.35	2.97	100.0	0	92	
PM10	15.56	6.68	14.44	1.46	6.00	8.00	13.00	27.60	45.00	91.3	0	84	

DE0001R Westerland Germany
September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.96	1.61	2.53	1.80	0.66	0.84	2.65	5.90	8.49	100.0	0	91	
PM10	21.61	10.23	19.59	1.56	7.00	8.00	21.00	40.20	62.00	85.7	0	78	

DE0002R Langenbrugge Germany
December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.21	2.07	2.68	1.85	0.42	1.03	2.70	6.75	11.19	98.9	0	90	
PM10	15.63	8.89	13.52	1.72	4.00	5.00	14.00	34.90	47.00	100.0	0	91	
SO2	0.70	0.85	0.44	2.50	0.05	0.10	0.45	2.25	4.35	98.9	0	90	

DE0002R Langenbrugge Germany
March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.83	0.81	1.67	1.56	0.15	1.01	1.59	3.26	5.22	100.0	1	92	
PM10	18.46	11.17	15.98	1.69	7.00	7.45	15.50	40.10	70.00	96.7	0	89	
SO2	0.35	0.32	0.24	2.47	0.05	0.05	0.25	0.88	2.05	97.8	0	90	

DE0002R Langenbrugge Germany
June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.58	0.66	1.45	1.58	0.09	0.86	1.41	3.13	3.78	98.9	0	91	
PM10	12.62	5.17	11.50	1.58	4.00	4.00	13.00	20.40	30.00	100.0	0	92	
SO4--	9.13	4.10	8.32	1.55	3.00	4.00	9.00	16.00	22.00	67.4	0	62	
SO2	0.22	0.18	0.17	2.11	0.05	0.05	0.15	0.53	1.05	96.7	0	89	

DE0002R Langenbrugge Germany
September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.91	1.37	2.60	1.62	0.87	1.15	2.61	5.52	6.54	98.9	0	90	
PM10	16.36	7.94	14.73	1.58	5.00	7.00	15.00	33.00	44.00	98.9	0	90	
SO4--	11.40	6.05	10.05	1.66	3.00	4.00	10.50	23.90	33.00	100.0	0	91	
SO2	0.50	0.39	0.36	2.46	0.05	0.05	0.45	1.08	2.50	97.8	0	89	

DE0003R Schauinsland Germany
December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.40	0.85	1.24	1.59	0.45	0.72	1.05	2.64	5.76	98.9	0	90	
PM10	4.94	3.54	3.73	2.29	0.50	0.50	4.00	11.00	19.00	95.6	2	87	
SO2	0.26	0.29	0.14	2.92	0.05	0.05	0.10	0.93	1.20	95.6	0	87	

DE0003R Schauinsland Germany

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.31	0.47	1.24	1.40	0.51	0.69	1.23	2.04	3.57	97.8	0	90	
PM10	12.94	7.72	10.65	1.87	0.00	3.20	12.00	26.80	38.00	91.3	1	84	
SO2	0.13	0.23	0.08	2.18	0.05	0.05	0.05	0.32	1.85	100.0	0	92	

DE0003R Schauinsland Germany

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.03	0.34	0.98	1.40	0.24	0.62	0.99	1.58	2.76	97.8	0	90	
PM10	14.28	6.17	12.75	1.68	2.00	4.35	14.00	24.00	28.00	94.6	0	87	
SO2	0.07	0.03	0.06	1.48	0.05	0.05	0.05	0.15	0.20	100.0	0	92	

DE0003R Schauinsland Germany

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.05	0.31	1.01	1.33	0.48	0.63	0.99	1.62	2.04	97.8	0	89	
PM10	9.35	7.73	6.36	2.61	0.00	0.50	6.00	25.20	33.00	83.5	5	76	
SO2	0.08	0.06	0.07	1.72	0.05	0.05	0.05	0.20	0.30	67.0	0	61	

DE0004R Deuselbach Germany

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.57	1.03	2.38	1.48	0.93	1.27	2.31	4.37	5.79	100.0	0	91	
PM10	12.82	7.47	10.94	1.79	2.00	4.00	12.00	27.45	44.00	100.0	0	91	
SO2	1.03	1.16	0.53	3.61	0.05	0.05	0.70	3.69	5.65	100.0	0	91	

DE0004R Deuselbach Germany

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.99	0.98	1.83	1.47	0.81	1.06	1.68	3.68	6.18	100.0	0	92	
PM10	15.44	7.55	13.60	1.68	4.00	5.00	14.00	29.40	36.00	100.0	0	92	
SO2	0.33	0.41	0.17	3.16	0.05	0.05	0.15	1.24	2.20	100.0	0	92	

DE0004R Deuselbach Germany

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.43	0.35	1.40	1.26	0.87	0.99	1.35	2.09	2.64	100.0	0	92	
PM10	15.64	6.18	14.50	1.49	5.00	8.20	15.00	29.00	32.00	100.0	0	92	
SO4--	12.79	4.93	11.84	1.51	4.00	5.00	12.00	22.60	24.00	52.2	0	48	
SO2	0.21	0.37	0.10	2.87	0.05	0.05	0.05	0.77	2.85	100.0	0	92	

DE0004R Deuselbach Germany

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.00	0.91	1.82	1.74	0.03	1.05	1.88	3.04	8.34	100.0	0	91	
PM10	14.04	6.92	12.43	1.66	4.00	5.00	13.00	26.45	40.00	100.0	0	91	
SO4--	9.99	5.46	8.65	1.73	3.00	3.00	8.00	20.45	28.00	100.0	0	91	
SO2	0.63	0.68	0.31	3.76	0.05	0.05	0.35	1.98	2.80	98.9	0	90	

DE0005R Brotjacklriegel Germany

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.39	0.97	2.22	1.48	0.99	1.20	2.17	4.26	5.40	100.0	0	91	
PM10	8.97	7.59	6.93	2.09	0.50	2.00	7.50	20.45	56.00	100.0	1	91	
SO2	0.50	0.73	0.24	3.57	0.05	0.05	0.30	1.45	5.15	100.0	0	91	

DE0005R Brotjacklriegel Germany

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.76	0.69	1.67	1.34	0.99	1.15	1.59	2.51	6.24	100.0	0	92	
PM10	13.26	7.48	11.12	1.87	2.00	3.60	12.00	27.00	33.00	100.0	0	92	
SO2	0.24	0.40	0.11	3.05	0.05	0.05	0.05	1.00	2.15	100.0	0	92	

DE0005R Brotjacklriegel Germany

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.48	0.30	1.46	1.21	1.05	1.08	1.44	2.02	2.67	100.0	0	92	
PM10	13.16	5.42	11.74	1.72	2.00	3.00	13.00	22.00	26.00	100.0	0	92	
SO2	0.07	0.04	0.06	1.54	0.05	0.05	0.05	0.17	0.25	100.0	0	92	

DE0005R Brotjacklriegel Germany

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.97	0.89	1.80	1.52	0.72	1.01	1.66	3.88	4.68	100.0	0	91	
PM10	10.87	8.51	8.16	2.17	2.00	2.00	8.00	26.90	48.00	100.0	0	91	
SO2	0.19	0.15	0.14	2.11	0.05	0.05	0.15	0.40	0.95	100.0	0	91	

DE0007R Neuglobsow Germany

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.89	1.82	2.46	1.73	0.93	1.07	2.34	7.16	8.91	100.0	0	91	
PM10	14.17	9.20	11.76	1.85	3.00	4.00	12.00	33.30	48.00	97.8	0	89	
SO2	0.52	0.68	0.26	3.27	0.05	0.05	0.20	2.16	2.85	100.0	0	91	

DE0007R Neuglobsow Germany

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.50	0.45	1.45	1.30	0.81	1.07	1.37	2.25	3.12	98.9	0	91	
PM10	17.99	10.95	14.73	1.96	2.00	5.00	15.00	38.00	51.00	95.7	0	88	
SO2	0.55	0.68	0.25	3.81	0.05	0.05	0.20	1.96	2.65	100.0	0	92	

DE0007R Neuglobsow Germany

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.30	0.37	1.20	1.82	0.03	0.89	1.29	1.96	2.16	100.0	0	92	
PM10	13.87	5.61	12.90	1.46	6.00	7.20	13.00	26.00	32.00	91.3	0	84	
SO2	0.20	0.34	0.12	2.39	0.05	0.05	0.10	0.62	2.75	100.0	0	92	

DE0007R Neuglobsow Germany

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.47	1.32	2.16	1.67	0.84	1.01	2.09	4.97	6.69	100.0	0	91	
PM10	19.73	10.75	17.34	1.67	3.00	7.45	16.50	44.20	53.00	97.8	0	89	
SO2	0.65	0.70	0.40	2.81	0.05	0.05	0.40	2.55	3.00	100.0	0	91	

DE0008R Schmucke Germany

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.25	1.30	1.99	1.61	0.54	0.78	1.90	4.01	8.97	100.0	0	91	
PM10	9.61	7.12	7.31	2.26	0.50	2.55	8.00	21.00	44.00	100.0	1	91	
SO2	0.62	0.66	0.43	2.43	0.00	0.05	0.47	1.46	3.70	100.0	1	91	

DE0008R Schmucke Germany

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.33	0.42	1.27	1.32	0.72	0.82	1.23	2.17	3.18	100.0	0	92	
PM10	14.72	9.30	11.88	2.04	0.50	3.60	12.00	32.00	41.00	100.0	1	92	
SO2	0.52	0.71	0.26	3.17	0.05	0.05	0.20	1.77	4.10	100.0	0	92	

DE0008R Schmucke Germany

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.06	0.25	1.03	1.26	0.54	0.63	1.05	1.46	1.86	97.8	0	90	
PM10	12.94	5.59	11.77	1.57	4.00	5.00	12.00	23.00	29.00	97.8	0	90	
SO2	0.20	0.28	0.13	2.30	0.05	0.05	0.10	0.55	2.25	97.8	0	90	

DE0008R Schmucke Germany

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.73	0.67	1.62	1.42	0.69	0.96	1.59	3.11	4.23	100.0	0	91	
PM10	10.11	6.49	8.34	1.88	2.00	3.00	8.00	21.90	34.00	100.0	0	91	
SO2	0.36	0.37	0.22	2.75	0.05	0.05	0.20	1.08	1.65	98.9	0	90	

DE0009R Zingst Germany

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.65	1.46	2.38	1.56	1.05	1.20	2.23	4.94	11.52	100.0	0	91	
PM10	18.77	11.98	15.94	1.77	5.00	6.00	16.50	39.10	76.00	97.8	0	89	
SO2	0.62	0.38	0.55	1.61	0.20	0.30	0.50	1.25	2.55	100.0	0	91	

DE0009R Zingst Germany

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.97	0.76	1.84	1.43	0.90	1.15	1.74	3.32	4.53	100.0	0	92	
PM10	20.32	9.86	18.16	1.62	6.00	8.00	19.00	36.60	59.00	95.7	0	88	
SO2	0.72	0.51	0.58	1.88	0.20	0.25	0.55	1.86	2.25	100.0	0	92	

DE0009R Zingst Germany

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.55	0.45	1.48	1.34	0.72	0.92	1.53	2.41	2.82	100.0	0	92	
PM10	15.66	6.86	14.36	1.51	6.00	8.00	14.00	27.80	36.00	82.6	0	76	
SO2	0.44	0.33	0.35	1.87	0.10	0.10	0.35	0.86	1.95	100.0	0	92	

DE0009R Zingst Germany

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.22	1.02	2.00	1.59	0.81	0.93	1.98	4.09	5.16	100.0	0	91	
PM10	21.86	12.16	18.89	1.73	5.00	8.00	19.00	49.45	54.00	100.0	0	91	
SO2	0.81	0.55	0.67	1.81	0.20	0.30	0.62	1.95	3.10	100.0	0	91	

DK0003R Tange Denmark

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Na+	2.54	1.48	1.97	2.27	0.25	0.34	2.68	4.93	5.76	64.8	0	59	
SO4--	0.61	0.37	0.52	1.75	0.14	0.19	0.51	1.37	2.07	97.8	0	89	
SO2	0.29	0.23	0.22	2.21	0.04	0.05	0.22	0.72	1.23	97.8	0	89	
NH3+NH4+	1.62	1.11	1.34	1.82	0.44	0.55	1.24	4.40	4.95	97.8	0	89	
HNO3+NO3	0.69	0.65	0.45	2.67	0.03	0.07	0.51	1.87	3.21	97.8	0	89	

DK0003R Tange Denmark

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Na+	0.93	0.81	0.66	2.27	0.14	0.19	0.61	2.79	3.85	96.7	0	89	
SO4--	1.01	0.55	0.86	1.77	0.30	0.34	0.90	2.05	2.38	95.7	0	88	
SO2	0.34	0.31	0.24	2.46	0.00	0.07	0.24	0.81	1.82	96.7	1	89	
NH3+NH4+	4.04	2.48	3.30	1.96	0.67	0.90	3.49	8.43	12.02	96.7	0	89	
HNO3+NO3	1.10	0.89	0.78	2.45	0.06	0.15	0.75	3.11	3.89	96.7	0	89	

DK0003R Tange Denmark

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Na+	1.17	1.05	0.72	3.02	0.05	0.09	0.80	3.15	4.46	64.1	0	59	
SO4--	0.73	0.29	0.67	1.56	0.13	0.31	0.68	1.30	1.58	64.1	0	59	
SO2	0.15	0.20	0.09	2.72	0.01	0.01	0.09	0.45	1.30	63.0	4	58	
NH3+NH4+	2.20	0.79	2.07	1.42	0.97	1.18	1.91	3.66	4.15	64.1	0	59	
HNO3+NO3	0.45	0.28	0.37	1.84	0.06	0.15	0.39	0.94	1.49	63.0	0	58	

DK0003R Tange Denmark

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Na+	0.80	0.66	0.62	2.02	0.18	0.22	0.55	2.07	3.71	98.9	0	90	
SO4--	0.81	0.52	0.69	1.73	0.18	0.31	0.69	1.97	2.87	98.9	0	90	
SO2	0.39	0.33	0.28	2.47	0.04	0.05	0.31	0.98	1.57	100.0	0	91	
NH3+NH4+	2.21	1.26	1.90	1.76	0.42	0.69	1.88	4.59	7.44	98.9	0	90	
HNO3+NO3	1.11	0.76	0.83	2.26	0.11	0.16	0.88	2.46	3.26	98.9	0	90	

DK0005R Keldsnor Denmark

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Na+	3.46	5.88	2.41	2.05	0.52	0.69	2.42	5.95	45.21	61.5	0	56	
SO4--	0.79	0.49	0.65	2.01	0.03	0.24	0.66	1.90	2.20	78.0	0	71	
SO2	0.56	0.47	0.40	2.50	0.04	0.06	0.44	1.28	2.56	78.0	0	71	
NH3+NH4+	2.05	1.65	1.55	2.12	0.27	0.42	1.43	5.46	7.90	78.0	0	71	
HNO3+NO3	1.08	0.91	0.71	2.77	0.06	0.09	0.87	2.88	3.97	78.0	0	71	

DK0005R Keldsnor Denmark

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Na+	1.40	0.93	1.09	2.20	0.06	0.25	1.13	3.14	4.14	97.8	0	90	
SO4--	1.12	0.64	0.95	1.79	0.22	0.29	0.95	2.36	3.18	98.9	0	91	
SO2	0.64	0.52	0.45	2.59	0.03	0.06	0.50	1.82	2.44	98.9	0	91	
NH3+NH4+	3.15	1.87	2.62	1.89	0.57	0.70	2.89	6.12	11.68	98.9	0	91	
HNO3+NO3	1.32	0.96	1.00	2.22	0.09	0.25	1.06	3.32	4.78	98.9	0	91	

DK0005R Keldsnor Denmark

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Na+	1.50	0.77	1.27	1.89	0.18	0.27	1.46	2.83	4.17	98.9	0	91	
SO4--	1.04	0.56	0.90	1.71	0.22	0.38	0.92	2.06	2.94	100.0	0	92	
SO2	0.41	0.44	0.25	2.83	0.02	0.05	0.26	1.06	2.84	100.0	0	92	
NH3+NH4+	2.47	1.38	2.09	1.84	0.50	0.70	2.15	5.24	6.24	100.0	0	92	
HNO3+NO3	0.82	0.59	0.63	2.09	0.12	0.18	0.64	1.93	2.88	98.9	0	91	

DK0005R Keldsnor Denmark

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Na+	2.25	1.23	1.92	1.79	0.43	0.69	2.15	4.91	5.59	100.0	0	91	
SO4--	1.01	0.50	0.90	1.65	0.17	0.36	0.91	2.00	2.51	100.0	0	91	
SO2	0.78	0.47	0.64	1.92	0.10	0.20	0.66	1.78	2.11	98.9	0	90	
NH3+NH4+	2.81	1.36	2.51	1.62	0.52	1.35	2.46	5.50	6.58	97.8	0	89	
HNO3+NO3	1.38	0.90	1.07	2.16	0.16	0.25	1.12	2.92	4.07	98.9	0	90	

DK0008R Anholt Denmark

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.82	1.21	1.50	1.86	0.32	0.49	1.57	3.94	6.98	92.3	0	84	
Na+	3.18	1.56	2.68	1.97	0.21	0.70	3.24	5.59	6.28	61.5	0	56	
SO4--	0.62	0.36	0.55	1.67	0.17	0.23	0.53	1.45	1.90	95.6	0	87	
SO2	0.38	0.39	0.26	2.49	0.02	0.06	0.24	1.03	2.39	95.6	0	87	
NH3+NH4+	0.89	0.91	0.58	2.57	0.10	0.11	0.62	3.11	4.27	95.6	0	87	
HNO3+NO3	0.70	0.68	0.45	2.73	0.04	0.08	0.51	2.06	3.08	95.6	0	87	

DK0008R Anholt Denmark

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.68	1.11	1.33	2.07	0.16	0.38	1.50	3.70	5.84	97.8	0	90	
Na+	1.51	1.26	1.08	2.31	0.14	0.26	1.08	4.22	5.30	100.0	0	92	
SO4--	0.89	0.48	0.78	1.68	0.27	0.33	0.77	1.74	2.49	100.0	0	92	
SO2	0.68	0.60	0.43	2.83	0.05	0.07	0.55	1.69	3.12	100.0	0	92	
NH3+NH4+	1.42	1.06	1.01	2.45	0.14	0.17	1.09	3.43	4.31	100.0	0	92	
HNO3+NO3	0.88	0.67	0.64	2.39	0.05	0.15	0.70	2.17	2.84	100.0	0	92	

DK0008R Anholt Denmark

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.00	0.68	0.83	1.83	0.23	0.30	0.77	2.38	3.93	94.6	0	87	
Na+	1.53	0.88	1.24	2.07	0.15	0.27	1.30	3.24	3.47	97.8	0	90	
SO4--	0.91	0.55	0.78	1.73	0.20	0.34	0.78	1.84	3.17	97.8	0	90	
SO2	0.43	0.44	0.28	2.66	0.03	0.05	0.30	1.28	2.60	97.8	0	90	
NH3+NH4+	1.08	0.98	0.81	2.10	0.15	0.25	0.82	3.10	6.56	97.8	0	90	
HNO3+NO3	0.65	0.58	0.48	2.13	0.10	0.15	0.40	1.61	3.28	97.8	0	90	

DK0008R Anholt Denmark

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.44	1.53	1.98	1.99	0.31	0.61	2.10	4.91	8.24	97.8	0	89	
Na+	1.41	0.87	1.19	1.79	0.43	0.52	1.18	3.15	4.66	100.0	0	91	
SO4--	0.82	0.53	0.69	1.82	0.16	0.25	0.68	1.92	2.96	100.0	0	91	
SO2	0.63	0.41	0.50	2.04	0.09	0.11	0.57	1.37	2.10	100.0	0	91	
NH3+NH4+	1.57	1.17	1.16	2.32	0.13	0.30	1.18	3.89	4.86	100.0	0	91	
HNO3+NO3	1.13	0.83	0.82	2.42	0.07	0.17	0.90	2.77	3.52	100.0	0	91	

EE0009R Lahemaa Estonia

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.99	0.65	0.80	2.08	0.01	0.28	0.89	2.12	3.91	98.9	2	90	
SO4--	0.27	0.09	0.25	1.47	0.04	0.14	0.24	0.44	0.59	98.9	1	90	
SO2	0.83	1.71	0.42	2.94	0.04	0.04	0.39	2.78	14.67	98.9	1	90	

EE0009R Lahemaa Estonia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.38	0.17	0.34	1.72	0.01	0.16	0.38	0.66	0.95	98.9	1	91	
SO4--	0.36	0.13	0.33	1.44	0.10	0.19	0.34	0.57	0.86	98.9	0	91	
SO2	0.89	0.99	0.54	2.94	0.04	0.04	0.63	2.40	6.80	97.8	5	90	

EE0009R Lahemaa Estonia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.37	0.16	0.33	1.85	0.01	0.17	0.37	0.64	0.90	100.0	2	92	
SO4--	0.33	0.20	0.25	2.28	0.04	0.04	0.31	0.66	1.10	100.0	8	92	
SO2	0.41	0.45	0.28	2.44	0.04	0.04	0.28	1.15	3.31	100.0	8	92	

EE0009R Lahemaa Estonia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.31	0.14	0.29	1.42	0.15	0.17	0.28	0.48	1.22	100.0	0	91	
SO4--	0.36	0.23	0.33	1.49	0.15	0.19	0.32	0.63	2.05	100.0	0	91	
SO2	0.59	0.58	0.37	2.82	0.04	0.04	0.35	1.56	3.21	100.0	6	91	

EE0011R Vilsandi Estonia

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.56	0.47	0.43	2.24	0.14	0.14	0.40	1.22	1.46	6.6	0	6	
SO2	0.43	0.81	0.21	3.04	0.03	0.04	0.18	1.47	5.82	90.1	1	82	

EE0011R Vilsandi Estonia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.14	0.64	1.00	1.70	0.36	0.37	0.98	2.40	2.98	31.5	0	29	
SO2	0.31	0.23	0.23	2.29	0.03	0.04	0.28	0.77	1.20	92.4	1	85	

EE0011R Vilsandi Estonia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO2	0.20	0.13	0.16	2.08	0.03	0.03	0.17	0.42	0.67	100.0	3	92	

EE0011R Vilsandi Estonia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO2	0.27	0.26	0.19	2.36	0.03	0.05	0.17	0.76	1.47	98.9	0	90	

ES0001R Toledo Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	63.7	58	58		
NH4+	0.26	0.15	0.22	1.79	0.05	0.06	0.23	0.55	0.69	63.7	0	58		
NO2	1.41	1.40	0.98	2.64	0.00	0.03	1.05	4.44	7.83	61.5	2	56		
PM10	13.43	6.34	12.13	1.58	4.00	5.00	11.00	24.50	34.00	63.7	0	58		
SO4--	0.49	0.19	0.46	1.46	0.18	0.23	0.45	0.81	1.16	63.7	0	58		
SO2	0.26	0.40	0.45	2.76	0.00	0.00	0.04	1.13	1.81	63.7	24	58		
NH3+NH4+	0.06	0.06	0.04	2.43	0.01	0.01	0.05	0.22	0.30	65.9	20	60		
HNO3+NO3	0.31	0.30	0.18	3.48	0.01	0.01	0.20	0.86	1.32	65.9	6	60		

ES0001R Toledo Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	97.8	90	90		
NH4+	0.27	0.23	0.20	2.30	0.04	0.05	0.20	0.74	1.09	97.8	0	90		
NO2	0.43	0.58	0.73	2.16	0.00	0.00	0.05	1.59	2.21	97.8	42	90		
PM10	20.93	17.39	14.75	2.39	2.00	3.45	12.50	54.00	79.00	96.7	0	89		
SO4--	0.65	0.41	0.55	1.81	0.15	0.20	0.59	1.32	2.56	97.8	0	90		
SO2	0.15	0.31	0.58	2.31	0.00	0.00	0.00	0.72	2.10	97.8	55	90		
NH3+NH4+	0.98	0.99	0.47	4.27	0.01	0.02	0.69	2.99	3.94	100.0	6	92		
HNO3+NO3	0.28	0.36	0.11	5.32	0.01	0.01	0.15	1.11	1.60	100.0	27	92		

ES0001R Toledo Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	18.5	17	17		
NH4+	0.43	0.18	0.40	1.51	0.20	0.20	0.34	0.69	0.79	18.5	0	17		
NO2	0.17	0.26	0.32	2.71	0.00	0.00	0.06	0.59	0.91	20.7	7	19		
PM10	34.35	10.99	32.52	1.42	18.00	18.00	35.50	51.60	55.00	18.5	0	17		
SO4--	0.74	0.34	0.67	1.67	0.24	0.24	0.70	1.31	1.34	18.5	0	17		
SO2	0.10	0.11	0.34	2.08	0.00	0.00	0.07	0.26	0.30	20.7	8	19		
NH3+NH4+	1.47	1.00	0.95	3.25	0.09	0.09	1.65	2.77	2.86	19.6	0	18		
HNO3+NO3	0.26	0.20	0.18	2.72	0.01	0.01	0.14	0.64	0.64	19.6	1	18		

ES0003R Roquetas Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.1	0.2	-	-	0.0	0.0	0.0	0.2	1.0	61.5	53	56		
NH4+	0.59	0.64	0.43	2.32	0.00	0.06	0.35	1.82	3.71	61.5	2	56		
NO2	3.49	2.02	2.86	2.02	0.00	0.39	3.26	6.78	9.61	63.7	1	58		
PM10	38.73	20.24	31.46	1.66	0.00	10.40	34.00	71.40	93.00	61.5	2	56		
SO4--	1.14	0.51	1.09	1.49	0.00	0.36	1.08	1.97	2.48	61.5	2	56		
SO2	1.34	1.57	0.91	2.77	0.00	0.00	0.91	4.35	8.39	63.7	5	58		
NH3+NH4+	0.88	0.44	0.79	1.62	0.29	0.36	0.71	1.63	2.50	65.9	0	60		
HNO3+NO3	1.16	1.11	0.85	2.19	0.16	0.19	0.85	2.18	7.25	65.9	0	60		

ES0003R Roquetas Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	94.6	87	87		
NH4+	0.36	0.29	0.30	1.97	0.00	0.07	0.27	0.88	1.47	94.6	2	87		
NO2	2.43	1.10	2.17	1.65	0.64	0.79	2.33	4.33	5.48	97.8	0	90		
PM10	44.76	27.63	36.80	1.67	0.00	13.35	39.50	90.90	202.00	94.6	2	87		
SO4--	1.40	0.77	1.23	1.74	0.00	0.35	1.23	3.00	3.19	94.6	2	87		
SO2	0.80	1.13	0.48	3.40	0.00	0.00	0.43	2.78	7.09	97.8	10	90		
NH3+NH4+	0.99	0.59	0.77	2.53	0.02	0.05	0.90	2.12	3.07	97.8	0	90		
HNO3+NO3	0.70	0.55	0.57	1.87	0.14	0.19	0.56	1.29	4.38	97.8	0	90		

ES0003R Roquetas Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	13.0	12	12		
NH4+	0.19	0.12	0.15	2.24	0.04	0.04	0.17	0.38	0.40	13.0	0	12		
NO2	1.37	0.91	1.18	2.19	0.00	0.00	1.30	2.57	3.09	13.0	1	12		
PM10	35.00	12.58	32.49	1.54	14.00	14.00	34.00	49.40	50.00	13.0	0	12		
SO4--	1.45	0.85	1.22	1.88	0.38	0.38	1.07	2.89	3.03	13.0	0	12		
SO2	0.85	1.96	0.38	4.50	0.00	0.00	0.09	4.01	6.78	13.0	3	12		
NH3+NH4+	1.05	0.31	1.01	1.33	0.70	0.70	1.06	1.49	1.71	10.9	0	10		
HNO3+NO3	0.44	0.27	0.37	1.89	0.15	0.15	0.34	0.85	0.95	13.0	0	12		

ES0004R Logrono Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.1	0.3	-	-	0.0	0.0	0.0	1.0	1.0	62.6	53	57		
NH4+	0.66	0.67	0.44	2.50	0.08	0.10	0.46	1.86	3.18	62.6	0	57		
NO2	5.64	3.28	4.51	2.12	0.35	1.00	4.39	10.48	12.45	61.5	0	56		
PM10	33.86	21.69	27.53	1.95	6.00	9.20	27.00	72.20	90.00	61.5	0	56		
SO4--	1.17	0.56	1.05	1.59	0.32	0.46	1.07	2.15	3.52	62.6	0	57		
SO2	0.94	0.77	0.64	3.09	0.00	0.00	0.85	2.29	3.13	62.6	3	57		
NH3+NH4+	1.23	0.96	0.88	2.35	0.09	0.25	0.91	2.94	3.64	65.9	0	60		
HNO3+NO3	0.64	0.55	0.42	2.66	0.07	0.08	0.45	1.57	2.63	65.9	0	60		

ES0004R Logrono Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	95.7	88	88		
NH4+	0.29	0.25	0.21	2.13	0.03	0.06	0.20	0.87	1.29	95.7	0	88		
NO2	2.99	2.19	2.42	1.95	0.48	0.69	2.61	5.99	14.50	100.0	0	92		
PM10	32.34	19.82	26.80	1.90	6.00	8.25	29.00	65.75	113.00	92.4	0	85		
SO4--	1.06	0.69	0.87	1.89	0.22	0.32	0.90	2.31	3.65	95.7	0	88		
SO2	0.39	0.60	0.57	2.40	0.00	0.00	0.13	1.49	3.65	100.0	37	92		
NH3+NH4+	0.54	0.53	0.28	4.01	0.01	0.02	0.37	1.48	2.77	100.0	7	92		
HNO3+NO3	0.08	0.21	0.02	3.70	0.01	0.01	0.01	0.42	1.19	98.9	73	91		

ES0004R Logrono Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	89.1	82	82		
NH4+	0.37	0.31	0.27	2.21	0.05	0.08	0.27	1.07	1.55	89.1	0	82		
NO2	1.98	1.49	1.42	2.58	0.04	0.32	1.48	4.78	6.22	100.0	0	92		
PM10	38.37	21.29	33.10	1.75	8.00	13.10	35.00	77.40	112.00	89.1	0	82		
SO4--	1.67	0.96	1.41	1.88	0.23	0.38	1.46	3.34	4.80	89.1	0	82		
SO2	0.44	0.49	0.50	2.36	0.00	0.00	0.26	1.38	2.58	100.0	23	92		
NH3+NH4+	0.19	0.27	0.10	3.25	0.01	0.02	0.09	0.73	1.36	92.4	8	85		
HNO3+NO3	0.04	0.03	0.02	2.76	0.01	0.01	0.01	0.08	0.09	89.1	46	82		

ES0004R Logrono Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.1	-	-	0.0	0.0	0.0	0.0	1.0	95.6	86	87		
NH4+	0.36	0.43	0.23	2.53	0.05	0.05	0.19	1.25	2.53	95.6	0	87		
NO2	4.04	2.66	3.08	2.26	0.30	0.60	3.29	8.51	13.20	97.8	0	89		
PM10	32.07	19.88	26.55	1.88	7.00	9.15	26.50	72.65	96.00	91.2	0	83		
SO4--	1.18	0.94	0.95	1.90	0.31	0.33	0.89	2.70	6.23	95.6	0	87		
SO2	0.38	0.59	0.52	2.52	0.00	0.00	0.15	1.24	3.43	97.8	32	89		
NH3+NH4+	0.55	0.96	0.17	4.88	0.01	0.02	0.17	2.86	4.42	92.3	9	84		
HNO3+NO3	0.09	0.09	0.06	2.67	0.01	0.01	0.09	0.17	0.78	96.7	17	88		

ES0005R Noia Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.1	0.3	-	-	0.0	0.0	0.0	1.0	1.0	60.4	51	55		
NH4+	0.22	0.16	0.16	2.30	0.04	0.05	0.16	0.50	0.66	60.4	0	55		
NO2	1.37	1.17	0.90	3.18	0.00	0.00	0.87	3.52	4.65	65.9	3	60		
PM10	12.87	5.82	11.60	1.60	4.00	4.70	12.00	24.00	27.00	59.3	0	54		
SO4--	0.61	0.33	0.52	1.76	0.17	0.19	0.49	1.18	1.59	60.4	0	55		
SO2	3.70	4.87	1.98	3.30	0.00	0.00	1.83	14.39	20.65	65.9	10	60		
NH3+NH4+	0.07	0.06	0.05	2.28	0.01	0.01	0.06	0.17	0.31	65.9	7	60		
HNO3+NO3	0.41	0.31	0.29	2.76	0.01	0.01	0.30	1.11	1.22	65.9	3	60		

ES0005R Noia Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	91.3	84	84		
NH4+	0.37	0.39	0.22	2.87	0.02	0.03	0.21	1.18	1.80	91.3	0	84		
NO2	0.99	0.94	0.65	3.38	0.00	0.00	0.65	2.85	3.74	100.0	9	92		
PM10	23.30	19.62	17.61	2.09	4.00	5.00	16.00	63.20	97.00	91.3	0	84		
SO4--	0.97	0.71	0.75	2.13	0.15	0.19	0.83	2.26	3.78	91.3	0	84		
SO2	3.53	5.34	1.64	4.00	0.00	0.00	1.29	14.39	26.09	100.0	19	92		
NH3+NH4+	0.12	0.16	0.07	2.80	0.02	0.02	0.06	0.40	0.93	87.0	22	80		
HNO3+NO3	0.53	0.40	0.39	2.40	0.01	0.10	0.42	1.30	1.97	88.0	1	81		

ES0005R Noia Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	6.5	6	6		
NH4+	0.50	0.58	0.35	2.30	0.15	0.15	0.30	1.29	1.68	6.5	0	6		
NO2	0.57	0.46	0.47	1.90	0.22	0.22	0.39	1.21	1.48	6.5	0	6		
PM10	15.33	5.16	14.71	1.36	10.00	10.00	15.00	22.00	25.00	6.5	0	6		
SO4--	1.57	0.94	1.38	1.69	0.78	0.78	1.33	2.86	3.37	6.5	0	6		
SO2	6.84	9.76	3.71	3.03	1.30	1.30	2.52	20.30	26.48	6.5	0	6		
NH3+NH4+	0.15	0.15	0.09	3.98	0.01	0.01	0.09	0.34	0.39	5.4	0	5		
HNO3+NO3	0.31	0.10	0.29	1.46	0.15	0.15	0.30	0.41	0.43	6.5	0	6		

ES0007R Viznar Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	64.8	59	59		
NH4+	0.39	0.30	0.28	2.37	0.03	0.04	0.29	0.98	1.31	64.8	0	59		
NO2	4.30	2.64	3.45	2.16	0.13	0.83	3.91	9.55	14.07	65.9	0	60		
PM10	32.50	15.89	27.80	1.91	2.00	6.70	32.00	66.10	73.00	63.7	0	58		
SO4--	0.73	0.33	0.66	1.61	0.24	0.25	0.70	1.23	1.68	64.8	0	59		
SO2	1.15	0.94	0.81	2.67	0.00	0.09	0.96	2.87	4.65	65.9	1	60		
NH3+NH4+	2.84	2.40	2.13	2.20	0.17	0.59	2.07	7.28	12.34	58.2	0	53		
HNO3+NO3	0.72	0.47	0.60	1.85	0.15	0.19	0.61	1.65	2.37	64.8	0	59		

ES0007R Viznar Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	95.7	88	88		
NH4+	0.30	0.22	0.23	2.15	0.05	0.07	0.22	0.69	1.24	95.7	0	88		
NO2	3.67	2.00	3.08	1.89	0.52	0.86	3.44	7.69	8.43	98.9	0	91		
PM10	43.08	29.74	34.70	1.98	5.00	10.25	33.50	88.25	178.00	92.4	0	85		
SO4--	0.98	0.47	0.87	1.65	0.27	0.35	0.94	1.79	2.66	95.7	0	88		
SO2	0.39	0.54	0.50	2.64	0.00	0.00	0.14	1.54	2.30	98.9	31	91		
NH3+NH4+	1.88	1.65	1.33	2.40	0.11	0.22	1.34	5.66	7.52	95.7	0	88		
HNO3+NO3	0.49	0.30	0.38	2.36	0.01	0.08	0.46	1.04	1.54	95.7	2	88		

ES0007R Viznar Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	98.9	91	91		
NH4+	0.50	0.29	0.40	2.09	0.03	0.10	0.45	1.03	1.26	100.0	0	92		
NO2	2.43	1.20	2.08	1.89	0.09	0.78	2.26	4.65	6.09	100.0	0	92		
PM10	67.84	23.27	64.26	1.39	25.00	39.50	60.00	110.00	158.00	97.8	0	90		
SO4--	1.27	0.59	1.14	1.58	0.39	0.53	1.21	2.27	3.61	100.0	0	92		
SO2	0.50	0.40	0.40	2.38	0.00	0.00	0.39	1.18	1.91	100.0	5	92		
NH3+NH4+	1.53	0.91	1.17	2.40	0.11	0.13	1.45	3.29	3.82	100.0	0	92		
HNO3+NO3	0.51	0.23	0.45	1.78	0.01	0.22	0.50	0.89	1.62	98.9	1	91		

ES0007R Viznar Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	95.6	87	87		
NH4+	0.45	1.70	0.20	2.67	0.04	0.05	0.22	0.75	16.00	95.6	0	87		
NO2	3.14	1.46	2.79	1.68	0.35	1.13	3.00	6.07	7.96	98.9	0	90		
PM10	34.93	22.31	27.57	2.08	6.00	8.15	32.50	71.85	96.00	91.2	0	83		
SO4--	0.96	0.63	0.80	1.84	0.26	0.30	0.78	2.20	3.21	95.6	0	87		
SO2	0.31	0.42	0.48	2.57	0.00	0.00	0.09	1.09	1.74	98.9	34	90		
NH3+NH4+	1.04	0.68	0.81	2.27	0.03	0.16	0.85	2.35	3.14	89.0	0	81		
HNO3+NO3	0.44	0.26	0.36	1.88	0.08	0.15	0.34	0.93	1.11	89.0	0	81		

ES0008R Niembro Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	65.9	60	60		
NH4+	0.28	0.32	0.21	2.03	0.05	0.06	0.22	0.63	2.22	65.9	0	60		
NO2	2.74	1.85	2.18	2.08	0.30	0.47	2.24	5.72	10.73	64.8	0	59		
PM10	27.22	9.29	25.62	1.43	10.00	12.00	27.00	47.00	49.00	65.9	0	60		
SO4--	1.01	0.62	0.90	1.55	0.34	0.45	0.87	1.86	4.51	65.9	0	60		
SO2	4.26	4.92	2.36	3.55	0.00	0.04	2.87	9.78	30.96	65.9	2	60		
NH3+NH4+	2.77	1.75	2.18	2.12	0.30	0.50	2.33	5.36	8.52	65.9	0	60		
HNO3+NO3	0.55	0.28	0.48	1.65	0.13	0.20	0.46	1.10	1.32	65.9	0	60		

ES0008R Niembro Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	96.7	89	89		
NH4+	0.66	0.74	0.41	2.63	0.04	0.09	0.41	2.17	4.70	96.7	0	89		
NO2	1.64	1.35	1.22	2.26	0.17	0.24	1.30	4.18	7.61	100.0	0	92		
PM10	31.18	16.15	27.33	1.70	4.00	12.00	27.00	62.10	82.00	96.7	0	89		
SO4--	1.54	1.10	1.25	1.93	0.28	0.37	1.25	3.62	6.61	96.7	0	89		
SO2	2.08	2.05	1.19	3.46	0.00	0.04	1.35	5.78	9.35	100.0	3	92		
NH3+NH4+	3.88	2.82	2.84	2.37	0.20	0.65	3.36	9.47	12.22	100.0	0	92		
HNO3+NO3	0.72	0.65	0.45	3.17	0.01	0.08	0.47	2.23	2.84	100.0	4	92		

ES0008R Niembro Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	100.0	92	92		
NH4+	0.60	0.70	0.34	3.02	0.05	0.06	0.35	2.04	3.69	100.0	0	92		
NO2	1.14	0.89	0.86	2.37	0.00	0.13	0.91	3.23	3.70	100.0	2	92		
PM10	31.50	14.77	28.44	1.58	9.00	13.00	29.00	59.00	79.00	87.0	0	80		
SO4--	2.11	1.52	1.66	2.02	0.33	0.49	1.64	5.35	7.26	100.0	0	92		
SO2	1.15	1.18	0.82	2.88	0.00	0.00	0.87	2.99	7.09	100.0	9	92		
NH3+NH4+	3.26	1.66	2.73	2.14	0.02	1.08	2.98	6.02	8.73	100.0	1	92		
HNO3+NO3	0.57	0.32	0.48	1.82	0.11	0.15	0.47	1.19	1.59	100.0	0	92		

ES0008R Niembro Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	95.6	87	87		
NH4+	0.46	1.02	0.15	3.65	0.02	0.03	0.10	3.08	5.44	95.6	0	87		
NO2	1.60	0.98	1.32	1.99	0.09	0.35	1.50	3.51	6.00	100.0	0	91		
PM10	25.37	17.16	20.61	1.92	5.00	7.00	21.00	65.55	74.00	95.6	0	87		
SO4--	1.38	1.75	0.92	2.23	0.28	0.32	0.71	6.04	9.26	95.6	0	87		
SO2	3.28	2.42	2.17	3.12	0.04	0.15	2.83	8.10	10.13	100.0	0	91		
NH3+NH4+	0.93	1.01	0.57	2.68	0.04	0.13	0.46	3.47	4.51	98.9	0	90		
HNO3+NO3	0.38	0.29	0.29	2.03	0.08	0.11	0.27	0.97	1.35	100.0	0	91		

ES0009R Campisabalos Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	61.5	56	56		
NH4+	0.17	0.12	0.15	1.77	0.04	0.06	0.15	0.38	0.75	61.5	0	56		
NO2	0.42	0.51	0.40	2.43	0.00	0.00	0.26	1.30	2.43	65.9	10	60		
PM10	7.42	4.23	6.56	1.62	3.00	3.00	6.00	14.00	25.00	62.6	0	57		
SO4--	0.39	0.18	0.35	1.55	0.17	0.18	0.34	0.72	0.94	61.5	0	56		
SO2	0.29	0.63	0.64	2.47	0.00	0.00	0.00	1.57	2.96	65.9	35	60		
NH3+NH4+	0.32	0.38	0.20	2.78	0.02	0.02	0.20	0.83	2.31	64.8	2	59		
HNO3+NO3	0.23	0.13	0.19	2.00	0.01	0.10	0.21	0.39	0.87	64.8	2	59		

ES0009R Campisabalos Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	94.6	87	87		
NH4+	0.23	0.15	0.19	1.82	0.05	0.07	0.19	0.55	0.78	94.6	0	87		
NO2	0.28	0.34	0.49	2.17	0.00	0.00	0.17	0.96	1.43	95.7	32	88		
PM10	18.76	18.32	12.66	2.49	1.00	3.00	13.00	53.25	101.00	92.4	0	85		
SO4--	0.62	0.33	0.53	1.78	0.12	0.20	0.53	1.15	1.53	94.6	0	87		
SO2	0.12	0.39	0.64	2.31	0.00	0.00	0.00	0.50	2.73	95.7	62	88		
NH3+NH4+	0.28	0.28	0.19	2.40	0.02	0.02	0.19	0.74	1.77	100.0	5	92		
HNO3+NO3	0.15	0.13	0.08	4.05	0.01	0.01	0.15	0.42	0.68	100.0	27	92		

ES0009R Campisabalos Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	100.0	92	92		
NH4+	0.36	0.28	0.26	2.39	0.01	0.06	0.29	0.96	1.30	100.0	0	92		
NO2	0.22	0.29	0.42	2.42	0.00	0.00	0.09	0.74	1.18	95.7	35	88		
PM10	30.60	16.39	26.29	1.78	8.00	9.00	27.00	59.40	79.00	95.7	0	88		
SO4--	0.99	0.56	0.83	1.86	0.22	0.26	0.93	2.13	2.68	100.0	0	92		
SO2	0.15	0.22	0.49	2.28	0.00	0.00	0.00	0.61	1.00	96.7	46	89		
NH3+NH4+	0.28	0.21	0.23	2.03	0.01	0.07	0.25	0.63	1.49	100.0	0	92		
HNO3+NO3	0.21	0.10	0.18	1.91	0.01	0.07	0.19	0.40	0.47	100.0	2	92		

ES0009R Campisabalos Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.1	-	-	0.0	0.0	0.0	0.0	1.0	92.3	83	84		
NH4+	0.27	0.33	0.15	3.18	0.01	0.02	0.15	0.72	2.02	92.3	0	84		
NO2	0.52	0.64	0.60	2.29	0.00	0.00	0.25	1.67	3.00	97.8	26	89		
PM10	23.67	22.13	15.99	2.47	3.00	4.00	16.00	66.75	107.00	82.4	0	75		
SO4--	0.76	0.49	0.62	1.95	0.12	0.20	0.59	1.63	2.60	92.3	0	84		
SO2	0.27	0.60	0.47	2.51	0.00	0.00	0.05	1.20	4.74	97.8	40	89		
NH3+NH4+	0.19	0.19	0.13	2.44	0.01	0.02	0.14	0.44	1.19	96.7	5	88		
HNO3+NO3	0.13	0.10	0.09	2.66	0.01	0.01	0.10	0.32	0.49	97.8	11	89		

ES0010R Cabo de Creus Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	63.7	58	58		
NH4+	0.47	0.38	0.34	2.33	0.06	0.10	0.35	1.19	1.71	63.7	0	58		
NO2	2.12	1.73	1.51	2.43	0.17	0.26	1.77	5.84	8.13	64.8	0	59		
PM10	34.36	9.74	32.91	1.36	14.00	18.80	34.00	51.10	53.00	63.7	0	58		
SO4--	1.13	0.48	1.03	1.54	0.38	0.42	1.05	2.27	2.54	63.7	0	58		
SO2	0.36	0.55	0.46	2.71	0.00	0.00	0.09	1.32	2.52	64.8	20	59		
NH3+NH4+	2.89	1.92	2.26	2.12	0.47	0.55	2.43	6.43	7.39	60.4	0	55		
HNO3+NO3	0.16	0.09	0.13	2.24	0.01	0.01	0.14	0.31	0.50	62.6	4	57		

ES0010R Cabo de Creus Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	93.5	86	86		
NH4+	0.28	0.17	0.23	1.95	0.05	0.07	0.25	0.59	0.73	93.5	0	86		
NO2	0.76	0.61	0.60	2.30	0.00	0.02	0.65	1.84	3.04	100.0	4	92		
PM10	35.12	15.29	32.22	1.51	13.00	17.00	30.00	63.70	82.00	93.5	0	86		
SO4--	1.30	0.73	1.13	1.73	0.12	0.52	1.10	2.84	3.96	93.5	0	86		
SO2	0.08	0.24	0.57	2.53	0.00	0.00	0.00	0.34	2.00	100.0	65	92		
NH3+NH4+	1.93	1.30	1.64	1.75	0.54	0.60	1.68	3.73	9.87	92.4	0	85		
HNO3+NO3	0.08	0.10	0.04	3.79	0.01	0.01	0.04	0.29	0.46	96.7	44	89		

ES0010R Cabo de Creus Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	98.9	91	91		
NH4+	0.26	0.21	0.19	2.28	0.03	0.05	0.16	0.64	1.06	98.9	0	91		
NO2	0.73	0.56	0.61	2.38	0.00	0.00	0.65	1.79	2.22	100.0	7	92		
PM10	49.63	21.61	45.55	1.51	19.00	23.95	44.50	90.20	126.00	85.9	0	79		
SO4--	1.80	0.88	1.59	1.69	0.37	0.67	1.62	3.52	4.31	98.9	0	91		
SO2	0.00	0.02	0.92	1.63	0.00	0.00	0.00	0.00	0.22	100.0	89	92		
NH3+NH4+	1.39	1.19	0.53	6.79	0.01	0.02	1.40	3.50	4.74	95.7	8	88		
HNO3+NO3	0.13	0.09	0.10	2.31	0.01	0.01	0.12	0.26	0.50	97.8	8	90		

ES0010R Cabo de Creus Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.1	-	-	0.0	0.0	0.0	0.0	1.0	93.4	84	85		
NH4+	0.28	0.44	0.14	2.96	0.00	0.03	0.10	1.05	2.31	93.4	2	85		
NO2	0.90	0.88	0.61	2.70	0.00	0.04	0.61	2.41	5.13	98.9	2	90		
PM10	32.22	18.02	26.96	1.63	0.00	13.00	27.00	59.85	96.00	91.2	2	83		
SO4--	1.08	0.76	0.89	1.87	0.00	0.34	0.80	2.73	3.43	93.4	1	85		
SO2	0.06	0.17	0.81	1.75	0.00	0.00	0.00	0.48	1.00	98.9	75	90		
NH3+NH4+	1.43	0.88	1.21	1.91	0.00	0.26	1.23	3.15	4.09	94.5	2	86		
HNO3+NO3	0.06	0.08	0.03	3.14	0.01	0.01	0.06	0.13	0.66	95.6	40	87		

ES0011R Barcarrola Spain

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	62.6	57	57		
NH4+	0.31	0.27	0.23	2.03	0.07	0.09	0.20	0.92	1.39	62.6	0	57		
NO2	1.87	0.55	1.78	1.42	0.43	0.94	1.87	2.65	2.96	63.7	0	58		
PM10	17.93	8.30	16.20	1.58	5.00	7.75	17.00	34.50	40.00	60.4	0	55		
SO4--	0.67	0.29	0.62	1.50	0.24	0.30	0.65	1.27	1.71	62.6	0	57		
SO2	0.25	0.38	0.43	2.56	0.00	0.00	0.09	0.84	2.22	63.7	22	58		
NH3+NH4+	1.68	1.32	1.20	2.40	0.21	0.26	1.37	4.33	6.13	65.9	0	60		
HNO3+NO3	0.21	0.21	0.15	2.40	0.01	0.01	0.14	0.54	1.07	65.9	3	60		

ES0011R Barcarrola Spain

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	96.7	89	89		
NH4+	0.23	0.24	0.17	2.13	0.04	0.05	0.17	0.62	1.64	96.7	0	89		
NO2	1.00	0.77	0.79	2.61	0.00	0.00	0.87	2.24	2.87	100.0	8	92		
PM10	29.12	20.74	23.47	1.93	4.00	7.50	21.50	73.00	105.00	92.4	0	85		
SO4--	0.78	0.56	0.64	1.86	0.14	0.24	0.64	1.74	3.56	96.7	0	89		
SO2	0.12	0.26	0.55	2.30	0.00	0.00	0.00	0.59	1.70	100.0	58	92		
NH3+NH4+	1.04	0.89	0.64	3.52	0.01	0.02	0.76	2.87	3.98	87.0	3	80		
HNO3+NO3	0.18	0.14	0.11	3.47	0.01	0.01	0.16	0.48	0.58	98.9	17	91		

ES0011R Barcarrola Spain

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	96.7	89	89		
NH4+	0.31	0.27	0.21	2.69	0.00	0.03	0.22	0.84	1.51	96.7	1	89		
NO2	1.56	0.65	1.46	1.43	0.57	0.74	1.43	2.31	5.50	98.9	0	91		
PM10	44.07	19.54	39.26	1.51	0.00	20.20	41.00	85.20	107.00	91.3	1	84		
SO4--	0.98	0.60	0.86	1.72	0.00	0.35	0.82	2.07	3.18	96.7	1	89		
SO2	0.70	0.82	0.49	2.88	0.00	0.00	0.45	2.65	4.68	100.0	9	92		
NH3+NH4+	1.55	0.85	1.30	1.97	0.07	0.35	1.42	3.07	4.75	100.0	0	92		
HNO3+NO3	0.24	0.16	0.19	2.41	0.01	0.01	0.20	0.53	0.89	98.9	5	91		

ES0011R Barcarrola Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	97.8	89	89		
NH4+	0.25	0.26	0.16	2.57	0.01	0.04	0.13	0.70	1.28	97.8	0	89		
NO2	1.81	1.37	1.39	2.18	0.14	0.24	1.39	4.91	6.52	100.0	0	91		
PM10	25.33	16.81	20.34	1.96	5.00	8.00	21.00	58.60	69.00	96.7	0	88		
SO4--	0.63	0.41	0.53	1.83	0.12	0.21	0.50	1.59	1.82	97.8	0	89		
SO2	0.57	0.80	0.44	3.03	0.00	0.00	0.30	2.23	3.96	100.0	16	91		
NH3+NH4+	0.88	0.63	0.63	2.61	0.02	0.11	0.69	2.11	2.61	98.9	1	90		
HNO3+NO3	0.17	0.20	0.12	2.37	0.01	0.01	0.13	0.35	1.77	97.8	6	89		

ES0012R	Zarra			Spain										
December 1999 - February 2000														
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	63.7	58	58		
NH4+	0.28	0.14	0.25	1.58	0.10	0.13	0.24	0.56	0.64	63.7	0	58		
NO2	2.55	2.17	1.70	2.77	0.00	0.00	2.09	6.30	8.74	65.9	3	60		
PM10	17.45	8.83	15.38	1.68	4.00	5.90	16.00	39.20	41.00	63.7	0	58		
SO4--	0.60	0.23	0.56	1.52	0.19	0.25	0.58	0.94	1.21	63.7	0	58		
SO2	0.34	0.93	0.48	2.99	0.00	0.00	0.04	1.22	6.57	65.9	28	60		
NH3+NH4+	2.58	1.75	1.86	2.94	0.01	0.43	2.17	6.09	7.47	65.9	0	60		
HNO3+NO3	0.51	0.23	0.45	1.65	0.14	0.17	0.46	0.87	1.06	64.8	0	59		
ES0012R	Zarra			Spain										
March 2000 - May 2000														
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	97.8	90	90		
NH4+	0.26	0.18	0.20	2.00	0.03	0.06	0.23	0.60	1.11	97.8	0	90		
NO2	0.44	0.56	0.43	2.75	0.00	0.00	0.17	1.81	2.22	100.0	22	92		
PM10	23.84	13.62	20.25	1.80	4.00	7.45	20.50	49.55	61.00	96.7	0	89		
SO4--	0.86	0.45	0.76	1.69	0.16	0.30	0.82	1.67	2.39	97.8	0	90		
SO2	0.10	0.22	0.64	2.19	0.00	0.00	0.00	0.60	1.17	100.0	65	92		
NH3+NH4+	2.55	1.85	2.13	1.76	0.61	0.93	1.98	6.64	9.89	98.9	0	91		
HNO3+NO3	0.42	0.28	0.33	2.21	0.01	0.11	0.35	0.98	1.59	98.9	2	91		
ES0012R	Zarra			Spain										
June 2000 - August 2000														
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	98.9	91	91		
NH4+	0.37	0.34	0.25	2.48	0.02	0.07	0.22	1.25	1.34	98.9	0	91		
NO2	0.27	0.23	0.25	2.37	0.00	0.00	0.22	0.67	1.00	98.9	8	91		
PM10	41.56	16.86	38.42	1.50	14.00	19.00	39.00	75.50	103.00	97.8	0	90		
SO4--	1.50	0.66	1.34	1.65	0.32	0.50	1.48	2.58	3.76	98.9	0	91		
SO2	0.10	0.18	0.53	2.28	0.00	0.00	0.00	0.52	0.70	100.0	56	92		
NH3+NH4+	2.92	1.65	2.45	1.92	0.22	0.65	2.81	6.07	8.99	98.9	0	91		
HNO3+NO3	0.41	0.18	0.36	1.82	0.01	0.13	0.41	0.71	0.93	100.0	1	92		
ES0012R	Zarra			Spain										
September 2000 - November 2000														
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	100.0	91	91		
NH4+	0.25	0.24	0.17	2.42	0.03	0.05	0.14	0.88	1.01	100.0	0	91		
NO2	0.46	0.38	0.43	2.20	0.00	0.00	0.39	1.08	1.87	100.0	10	91		
PM10	23.85	16.99	18.12	2.18	4.00	5.00	20.50	54.95	87.00	95.6	0	87		
SO4--	0.88	0.61	0.70	2.02	0.18	0.21	0.70	2.22	2.68	100.0	0	91		
SO2	0.30	0.42	0.48	2.62	0.00	0.00	0.07	1.13	2.26	100.0	36	91		
NH3+NH4+	1.66	0.93	1.47	1.68	0.00	0.59	1.36	3.41	5.08	100.0	1	91		
HNO3+NO3	0.35	0.19	0.30	1.78	0.09	0.12	0.33	0.69	0.85	100.0	0	91		
ES0013R	Penausende			Spain										
June 2000 - August 2000														
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.2	1.3	-	-	0.0	0.0	0.0	0.0	8.0	39.1	35	36		
NH4+	0.51	0.55	0.30	2.97	0.04	0.05	0.30	1.56	2.30	39.1	0	36		
NO2	0.69	0.25	0.64	1.55	0.13	0.22	0.68	1.08	1.39	33.7	0	31		
PM10	24.94	12.77	22.45	1.57	9.00	10.60	22.00	48.20	69.00	39.1	0	36		
SO4--	1.09	0.66	0.93	1.78	0.26	0.34	0.85	2.19	3.04	39.1	0	36		
SO2	0.86	0.90	0.77	2.36	0.00	0.00	0.46	2.57	3.43	33.7	6	31		
NH3+NH4+	0.39	0.31	0.31	2.12	0.06	0.06	0.30	0.75	1.70	33.7	0	31		
HNO3+NO3	0.35	0.15	0.32	1.55	0.10	0.11	0.32	0.62	0.85	42.4	0	39		

ES0013R Penausende Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.1	-	-	0.0	0.0	0.0	0.0	1.0	100.0	90	91		
NH4+	0.25	0.34	0.14	2.63	0.03	0.05	0.12	0.74	2.46	100.0	0	91		
NO2	0.63	0.70	0.57	2.75	0.00	0.00	0.30	1.85	4.00	98.9	19	90		
PM10	17.18	14.70	12.62	2.19	2.00	4.00	12.00	50.60	69.00	95.6	0	87		
SO4--	0.71	1.03	0.50	2.13	0.17	0.17	0.46	1.68	9.26	100.0	0	91		
SO2	0.52	0.88	0.72	2.55	0.00	0.00	0.04	2.05	4.70	98.9	42	90		
NH3+NH4+	0.99	0.98	0.69	2.35	0.12	0.16	0.60	2.53	6.08	95.6	0	87		
HNO3+NO3	0.10	0.09	0.06	3.29	0.01	0.01	0.10	0.24	0.49	98.9	25	90		

ES0014R Els Torms Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	61.5	56	56		
NH4+	0.20	0.26	0.15	2.10	0.00	0.04	0.13	0.51	1.84	61.5	1	56		
NO2	2.12	0.77	1.98	1.49	0.57	0.74	2.00	3.31	4.39	33.0	0	30		
PM10	28.66	16.24	24.47	1.61	0.00	11.60	23.00	55.40	99.00	61.5	1	56		
SO4--	0.81	0.53	0.69	1.84	0.00	0.24	0.61	1.94	2.06	61.5	1	56		
SO2	0.16	0.25	0.36	2.49	0.00	0.00	0.04	0.65	1.04	33.0	12	30		
NH3+NH4+	1.03	0.71	0.88	1.91	0.00	0.14	0.82	2.20	3.89	65.9	2	60		
HNO3+NO3	0.34	0.28	0.27	2.04	0.00	0.08	0.28	0.99	1.53	62.6	1	57		

ES0015R Risco Llano Spain

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	QA flag	Samp flag
H+	0.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	57.1	52	52		
NH4+	0.04	0.06	0.30	2.97	0.00	0.00	0.00	0.13	0.29	57.1	29	52		
NO2	0.35	0.56	0.59	2.61	0.00	0.00	0.04	1.50	2.17	33.0	14	30		
PM10	4.63	7.14	2.61	2.47	0.00	0.00	0.00	18.35	36.00	56.0	29	51		
SO4--	0.17	0.25	0.61	1.71	0.00	0.00	0.00	0.55	1.15	57.1	29	52		
SO2	0.32	0.97	0.70	2.38	0.00	0.00	0.00	0.94	5.22	33.0	19	30		
NH3+NH4+	0.42	0.72	0.88	1.59	0.00	0.00	0.00	1.66	3.89	57.1	29	52		
HNO3+NO3	0.12	0.21	0.45	2.17	0.00	0.00	0.00	0.46	1.00	61.5	29	56		

FI0009R Uto Finland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.49	0.41	0.38	2.07	0.05	0.11	0.39	1.56	2.04	100.0	0	91	
SO2	0.37	0.42	0.25	2.46	0.03	0.03	0.21	1.49	2.04	100.0	0	91	
NH3+NH4+	0.27	0.30	0.17	2.70	0.02	0.04	0.14	0.86	1.60	98.9	0	90	
HNO3+NO3	0.34	0.29	0.24	2.51	0.02	0.05	0.25	1.01	1.38	100.0	0	91	

FI0009R Uto Finland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.58	0.45	0.45	2.03	0.12	0.14	0.43	1.36	2.41	100.0	0	92	
SO2	0.40	0.29	0.31	2.03	0.07	0.08	0.30	1.07	1.39	100.0	0	92	
NH3+NH4+	0.48	0.48	0.31	2.60	0.05	0.07	0.26	1.41	2.47	100.0	0	92	
HNO3+NO3	0.39	0.34	0.28	2.40	0.04	0.05	0.29	1.10	1.72	100.0	0	92	

FI0009R Uto Finland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.54	0.35	0.39	2.74	0.01	0.06	0.49	1.12	1.39	100.0	0	92	
SO2	0.36	0.18	0.31	1.85	0.01	0.11	0.33	0.62	1.07	100.0	0	92	
NH3+NH4+	0.41	0.31	0.31	2.32	0.01	0.10	0.32	1.03	1.71	100.0	0	92	
HNO3+NO3	0.33	0.21	0.25	2.45	0.00	0.06	0.30	0.73	1.00	100.0	0	92	

FI0009R Uto Finland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.76	0.53	0.56	2.40	0.03	0.11	0.67	1.72	2.42	100.0	0	91	
SO2	0.42	0.29	0.34	1.99	0.02	0.10	0.36	0.94	1.57	100.0	0	91	
NH3+NH4+	0.71	0.50	0.53	2.28	0.10	0.13	0.61	1.66	2.04	100.0	0	91	
HNO3+NO3	0.50	0.31	0.39	2.25	0.04	0.08	0.49	0.97	1.42	100.0	0	91	

FI0017R Virolahti II Finland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.62	0.49	0.48	2.16	0.05	0.10	0.48	1.69	2.49	100.0	0	91	
SO2	0.90	0.99	0.59	2.45	0.07	0.14	0.49	2.93	4.99	100.0	0	91	
NH3+NH4+	0.50	0.39	0.37	2.16	0.05	0.11	0.36	1.19	1.96	100.0	0	91	
HNO3+NO3	0.29	0.20	0.24	1.93	0.04	0.08	0.25	0.65	1.06	100.0	0	91	

FI0017R Virolahti II Finland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.69	0.52	0.50	2.54	0.00	0.12	0.53	1.70	2.44	100.0	0	92	
SO2	0.64	0.46	0.51	2.06	0.09	0.12	0.53	1.55	2.35	100.0	0	92	
NH3+NH4+	1.00	0.82	0.70	2.44	0.14	0.15	0.65	2.48	3.86	100.0	0	92	
HNO3+NO3	0.29	0.19	0.23	2.02	0.04	0.08	0.23	0.65	0.87	100.0	0	92	

FI0017R Virolahti II Finland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.58	0.36	0.48	1.90	0.09	0.14	0.51	1.30	1.83	100.0	0	92	
SO2	0.37	0.29	0.28	2.20	0.04	0.06	0.30	0.92	1.55	100.0	0	92	
NH3+NH4+	1.32	0.83	1.08	1.91	0.17	0.30	1.05	2.76	4.25	100.0	0	92	
HNO3+NO3	0.23	0.14	0.19	1.88	0.03	0.06	0.18	0.50	0.74	100.0	0	92	

FI0017R Virolahti II Finland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.77	0.56	0.56	2.35	0.08	0.12	0.64	1.75	2.62	100.0	0	91	
SO2	0.70	1.04	0.33	3.48	0.03	0.04	0.28	2.37	6.56	98.9	0	90	
NH3+NH4+	0.91	0.59	0.74	1.98	0.14	0.19	0.81	2.02	2.97	100.0	0	91	
HNO3+NO3	0.27	0.23	0.17	2.89	0.01	0.03	0.21	0.70	0.98	98.9	0	90	

FI0022R Oulanka Finland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.43	0.39	0.30	2.38	0.03	0.09	0.26	1.36	1.52	98.9	0	90	
SO2	0.69	0.83	0.26	5.07	0.01	0.02	0.33	2.28	3.31	98.9	0	90	
NH3+NH4+	0.13	0.16	0.08	2.54	0.01	0.02	0.06	0.43	0.77	96.7	0	88	
HNO3+NO3	0.07	0.05	0.06	1.96	0.01	0.02	0.05	0.16	0.33	98.9	0	90	

FI0022R Oulanka Finland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.41	0.29	0.32	2.15	0.04	0.06	0.39	0.76	2.00	97.8	0	90	
SO2	0.37	0.54	0.18	3.18	0.02	0.03	0.14	1.39	3.60	97.8	0	90	
NH3+NH4+	0.18	0.19	0.12	2.57	0.01	0.03	0.10	0.51	1.01	97.8	0	90	
HNO3+NO3	0.07	0.05	0.05	2.08	0.01	0.02	0.05	0.16	0.34	97.8	0	90	

FI0022R Oulanka Finland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.30	0.22	0.22	2.24	0.01	0.06	0.23	0.66	1.07	100.0	0	92	
SO2	0.10	0.12	0.07	2.65	0.01	0.01	0.07	0.36	0.82	100.0	0	92	
NH3+NH4+	0.17	0.14	0.12	2.20	0.02	0.04	0.11	0.45	0.73	100.0	0	92	
HNO3+NO3	0.05	0.03	0.03	2.50	0.00	0.01	0.04	0.10	0.16	100.0	0	92	

FI0022R Oulanka Finland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.49	0.40	0.34	2.64	0.02	0.05	0.35	1.26	1.86	100.0	0	91	
SO2	0.22	0.29	0.11	3.61	0.01	0.01	0.10	0.76	1.83	100.0	0	91	
NH3+NH4+	0.26	0.26	0.15	3.09	0.01	0.02	0.16	0.76	1.32	100.0	0	91	
HNO3+NO3	0.09	0.09	0.05	2.83	0.01	0.01	0.06	0.22	0.50	100.0	0	91	

FI0037R Ahtari II Finland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.41	0.32	0.32	2.04	0.08	0.10	0.32	1.11	1.64	100.0	0	91	
SO2	0.39	0.47	0.23	2.67	0.04	0.06	0.21	1.49	2.44	100.0	0	91	
NH3+NH4+	0.22	0.17	0.17	1.98	0.04	0.05	0.18	0.54	1.08	100.0	0	91	
HNO3+NO3	0.17	0.10	0.15	1.82	0.02	0.05	0.15	0.37	0.41	100.0	0	91	

FI0037R Ahtari II Finland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.41	0.31	0.32	2.05	0.06	0.09	0.34	0.92	1.72	100.0	0	92	
SO2	0.26	0.25	0.19	2.32	0.03	0.04	0.20	0.66	1.95	100.0	0	92	
NH3+NH4+	0.35	0.24	0.28	2.03	0.05	0.09	0.27	0.82	0.96	100.0	0	92	
HNO3+NO3	0.15	0.09	0.12	1.86	0.04	0.04	0.13	0.34	0.41	100.0	0	92	

FI0037R Ahtari II Finland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.35	0.25	0.27	2.08	0.04	0.07	0.28	0.88	1.34	100.0	0	92	
SO2	0.11	0.12	0.08	2.55	0.01	0.01	0.09	0.26	1.01	100.0	0	92	
NH3+NH4+	0.30	0.19	0.25	1.90	0.03	0.10	0.27	0.70	1.05	100.0	0	92	
HNO3+NO3	0.11	0.09	0.08	2.05	0.01	0.03	0.08	0.35	0.44	100.0	0	92	

FI0037R Ahtari II Finland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.57	0.49	0.37	2.83	0.01	0.08	0.42	1.59	1.97	92.3	0	84	
SO2	0.21	0.22	0.14	2.60	0.01	0.03	0.13	0.61	1.30	100.0	0	91	
NH3+NH4+	0.48	0.43	0.34	2.38	0.04	0.09	0.32	1.49	1.84	98.9	0	90	
HNO3+NO3	0.20	0.17	0.13	2.82	0.00	0.03	0.17	0.56	0.80	92.3	0	84	

FR0003R La Crouzille France

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.48	0.29	0.40	1.89	0.04	0.13	0.44	0.92	1.64	87.9	0	80	
SO2	0.74	0.61	0.54	2.25	0.14	0.16	0.52	1.94	2.76	86.8	13	79	

FR0003R La Crouzille France

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.57	0.34	0.47	1.90	0.05	0.17	0.48	1.14	1.64	87.0	1	80	
SO2	0.52	0.46	0.38	2.19	0.14	0.15	0.40	1.41	2.71	84.8	30	78	

FR0003R La Crouzille France

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.55	0.63	0.70	1.84	0.00	0.00	0.44	1.37	3.77	95.7	29	88	
SO2	0.64	0.77	0.80	1.82	0.00	0.00	0.54	2.45	4.00	91.3	35	84	

FR0003R La Crouzille France

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.40	0.41	0.37	1.88	0.00	0.00	0.27	1.60	1.79	98.9	9	90	
SO2	0.50	0.49	0.45	2.01	0.00	0.00	0.34	1.60	2.76	98.9	44	90	

FR0005R La Hague France

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.51	0.43	0.42	1.83	0.05	0.15	0.42	0.96	3.53	79.1	1	72	
SO2	0.87	0.84	0.56	2.62	0.17	0.17	0.49	2.57	3.52	79.1	19	72	

FR0005R La Hague France

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.75	0.44	0.63	1.81	0.13	0.26	0.63	1.61	2.02	92.4	0	85	
SO2	0.90	0.88	0.59	2.51	0.14	0.16	0.59	3.07	3.59	91.3	23	84	

FR0005R La Hague France

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.77	0.54	0.77	1.76	0.00	0.00	0.69	1.79	2.15	78.3	9	72	
SO2	0.87	0.68	0.82	1.89	0.00	0.00	0.73	2.29	2.96	78.3	17	72	

FR0005R La Hague France

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.38	0.19	0.35	1.47	0.16	0.21	0.33	0.77	1.30	100.0	0	91	
SO2	0.50	0.40	0.39	2.01	0.17	0.18	0.41	1.34	1.95	100.0	37	91	

FR0008R Donon France

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.26	0.15	0.21	2.05	0.04	0.04	0.23	0.52	0.83	90.1	2	82	
SO2	0.66	0.68	0.46	2.36	0.14	0.14	0.46	1.36	5.14	87.9	18	80	

FR0008R Donon France

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.44	0.23	0.38	1.77	0.04	0.12	0.40	0.86	1.16	100.0	1	92	
SO2	0.46	0.44	0.32	2.24	0.12	0.14	0.32	1.17	2.70	100.0	40	92	

FR0008R Donon France

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.59	0.26	0.54	1.57	0.19	0.23	0.58	1.04	1.57	100.0	0	92	
SO2	0.56	0.37	0.46	1.95	0.14	0.14	0.47	1.30	2.26	100.0	17	92	

FR0008R Donon France

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.37	0.24	0.31	1.90	0.08	0.12	0.29	0.79	1.27	97.8	0	89	
SO2	0.42	0.17	0.38	1.58	0.14	0.15	0.39	0.69	1.19	97.8	13	89	

FR0009R Revin France

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.59	0.34	0.50	1.81	0.14	0.18	0.51	1.18	1.66	84.6	0	77	
SO2	1.27	1.23	0.82	2.63	0.13	0.14	0.74	3.97	4.86	84.6	7	77	

FR0009R Revin France

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.89	0.61	0.75	1.78	0.16	0.33	0.66	2.01	3.55	98.9	0	91	
SO2	0.76	0.65	0.52	2.44	0.14	0.14	0.52	2.19	2.84	98.9	24	91	

FR0009R Revin France

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	1.02	0.55	0.93	1.65	0.00	0.37	0.98	2.15	2.70	95.7	2	88	
SO2	0.73	0.47	0.58	2.01	0.12	0.18	0.57	1.67	2.06	100.0	12	92	

FR0009R	Revin			France									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.64	0.32	0.57	1.62	0.21	0.25	0.56	1.19	1.80	100.0	0	91	
SO2	0.52	0.29	0.44	1.85	0.13	0.14	0.47	1.06	1.54	100.0	20	91	
FR0010R	Morvan			France									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.34	0.28	0.26	2.13	0.05	0.05	0.26	0.76	1.78	64.8	1	59	
SO2	0.49	0.41	0.36	2.19	0.14	0.14	0.37	1.25	1.88	64.8	18	59	
FR0010R	Morvan			France									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.48	0.31	0.39	2.06	0.04	0.13	0.38	1.03	1.42	89.1	3	82	
SO2	0.34	0.24	0.28	1.82	0.14	0.16	0.19	0.88	1.11	89.1	45	82	
FR0010R	Morvan			France									
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.69	0.33	0.61	1.63	0.16	0.26	0.58	1.19	1.73	80.4	0	74	
SO2	0.45	0.34	0.37	1.81	0.14	0.17	0.43	0.81	2.09	80.4	27	74	
FR0010R	Morvan			France									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.37	0.29	0.32	1.87	0.00	0.09	0.28	0.99	1.52	83.5	2	76	
SO2	0.38	0.30	0.31	1.87	0.16	0.17	0.21	1.04	1.51	80.2	42	73	
FR0012R	Iraty			France									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.26	0.20	0.19	2.30	0.04	0.04	0.20	0.66	0.93	100.0	5	91	
SO2	0.49	0.46	0.34	2.32	0.13	0.14	0.31	1.62	2.06	100.0	23	91	
FR0012R	Iraty			France									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.57	0.33	0.47	2.07	0.05	0.11	0.53	1.19	1.48	87.0	2	80	
SO2	0.51	0.54	0.35	2.27	0.13	0.14	0.22	1.66	2.59	87.0	42	80	
FR0012R	Iraty			France									
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.81	0.54	0.72	1.93	0.00	0.00	0.71	1.85	2.26	98.9	5	91	
SO2	0.62	0.44	0.55	1.92	0.00	0.00	0.54	1.49	1.98	98.9	27	91	

FR0012R Iraty France

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.46	0.35	0.38	1.80	0.12	0.16	0.36	1.24	1.99	96.7	0	88	
SO2	0.61	0.43	0.49	1.95	0.17	0.18	0.52	1.32	2.29	95.6	24	87	

FR0013R Peyrusse Vieille France

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.37	0.22	0.31	1.86	0.05	0.12	0.33	0.81	1.17	100.0	1	91	
SO2	0.62	0.60	0.43	2.35	0.14	0.15	0.36	1.68	3.32	97.8	32	89	

FR0013R Peyrusse Vieille France

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.55	0.32	0.46	1.82	0.10	0.15	0.51	1.20	1.82	98.9	0	91	
SO2	0.42	0.37	0.32	2.06	0.14	0.14	0.32	1.05	2.08	98.9	35	91	

FR0013R Peyrusse Vieille France

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.83	0.58	0.74	2.00	0.00	0.00	0.71	1.82	2.70	100.0	8	92	
SO2	0.56	0.40	0.53	1.90	0.00	0.00	0.53	1.25	1.98	100.0	21	92	

FR0013R Peyrusse Vieille France

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.51	0.43	0.39	1.96	0.11	0.15	0.34	1.51	2.19	100.0	0	91	
SO2	0.68	0.39	0.57	1.86	0.17	0.17	0.58	1.41	1.93	100.0	14	91	

FR0014R Montandon France

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.28	0.17	0.22	2.04	0.04	0.05	0.24	0.64	0.81	94.5	1	86	
SO2	0.35	0.28	0.27	2.10	0.06	0.12	0.26	0.92	1.34	94.5	44	86	

FR0014R Montandon France

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.38	0.20	0.33	1.65	0.10	0.14	0.32	0.75	1.13	100.0	0	92	
SO2	0.20	0.12	0.18	1.59	0.09	0.12	0.14	0.46	0.73	100.0	66	92	

FR0014R Montandon France

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.66	0.28	0.59	1.63	0.08	0.26	0.60	1.19	1.46	100.0	0	92	
SO2	0.37	0.20	0.31	1.78	0.14	0.14	0.34	0.74	0.86	98.9	27	91	

FR0014R	Montandon			France									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.34	0.29	0.28	1.93	0.00	0.11	0.24	0.96	1.57	100.0	1	91	
SO2	0.25	0.13	0.23	1.64	0.00	0.13	0.17	0.47	0.59	100.0	49	91	
GB0002R	Eskdalemuir			United Kingdom									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.27	0.17	0.24	1.67	0.07	0.10	0.24	0.51	1.24	94.5	0	86	
SO2	0.33	0.37	0.22	2.37	0.05	0.06	0.20	1.04	2.32	98.9	22	90	
NH3+NH4+	0.34	0.34	0.25	2.21	0.00	0.06	0.22	1.35	1.70	100.0	1	91	
HNO3+NO3	0.15	0.18	0.10	2.28	0.00	0.03	0.10	0.46	1.10	98.9	1	90	
GB0002R	Eskdalemuir			United Kingdom									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.53	0.35	0.43	1.92	0.09	0.16	0.44	1.15	1.89	97.8	0	90	
SO2	0.36	0.38	0.26	2.17	0.05	0.06	0.23	1.07	2.76	100.0	7	92	
NH3+NH4+	0.82	0.68	0.58	2.41	0.06	0.14	0.63	2.22	3.25	100.0	0	92	
HNO3+NO3	0.37	0.43	0.22	2.81	0.02	0.05	0.23	1.20	2.29	100.0	0	92	
GB0002R	Eskdalemuir			United Kingdom									
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.57	0.45	0.44	2.07	0.08	0.13	0.39	1.46	2.08	82.6	0	76	
SO2	0.39	0.37	0.28	2.14	0.04	0.09	0.27	1.26	1.85	83.7	3	77	
NH3+NH4+	0.69	0.55	0.50	2.41	0.02	0.16	0.52	1.90	2.41	100.0	1	92	
HNO3+NO3	0.22	0.22	0.15	2.39	0.01	0.04	0.15	0.73	1.16	100.0	0	92	
GB0002R	Eskdalemuir			United Kingdom									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.34	0.30	0.25	2.04	0.07	0.09	0.22	1.05	1.41	100.0	1	91	
SO2	0.29	0.25	0.22	2.14	0.09	0.09	0.21	0.78	1.11	84.6	36	77	
NH3+NH4+	0.45	0.40	0.32	2.58	0.00	0.11	0.32	1.19	2.52	100.0	2	91	
HNO3+NO3	0.21	0.21	0.15	2.13	0.03	0.05	0.14	0.61	1.35	100.0	0	91	
GB0004R	Stoke Ferry			United Kingdom									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.57	0.36	0.48	1.78	0.16	0.19	0.46	1.46	1.64	87.9	0	80	
SO2	1.42	0.89	1.21	1.78	0.29	0.46	1.19	3.60	4.26	86.8	0	79	
GB0004R	Stoke Ferry			United Kingdom									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	1.03	0.86	0.82	1.92	0.14	0.32	0.77	2.24	5.24	88.0	0	81	
SO2	1.18	0.93	0.88	2.27	0.09	0.21	0.91	2.78	4.94	89.1	2	82	

GB0004R Stoke Ferry United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.97	0.62	0.82	1.76	0.24	0.40	0.76	2.36	2.96	95.7	0	88	
SO2	0.84	0.53	0.71	1.78	0.20	0.27	0.64	1.72	2.94	95.7	0	88	

GB0004R Stoke Ferry United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.56	0.35	0.48	1.72	0.15	0.22	0.45	1.17	2.05	91.2	0	83	
SO2	1.13	1.43	0.81	2.13	0.10	0.23	0.75	2.32	10.99	100.0	1	91	

GB0006R Lough Navar United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.21	0.11	0.19	1.56	0.07	0.10	0.18	0.45	0.58	94.5	0	86	
SO2	0.20	0.08	0.19	1.47	0.06	0.09	0.18	0.33	0.48	100.0	3	91	

GB0006R Lough Navar United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.49	0.47	0.34	2.37	0.03	0.09	0.29	1.48	2.08	97.8	0	90	
SO2	0.27	0.19	0.22	1.86	0.05	0.10	0.18	0.62	1.08	93.5	3	86	

GB0006R Lough Navar United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.48	0.51	0.34	2.22	0.11	0.12	0.26	1.75	2.64	97.8	0	90	
SO2	0.25	0.23	0.19	1.98	0.05	0.06	0.16	0.68	1.44	97.8	7	90	

GB0006R Lough Navar United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.32	0.24	0.26	1.90	0.06	0.09	0.24	0.79	1.60	97.8	0	89	
SO2	0.12	0.08	0.11	1.69	0.05	0.06	0.10	0.25	0.48	92.3	44	84	

GB0007R Barcomb Mills United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.71	0.51	0.55	2.11	0.06	0.11	0.55	1.84	2.42	94.5	0	86	
SO2	1.12	1.07	0.81	2.14	0.19	0.27	0.70	3.66	5.43	100.0	0	91	

GB0007R Barcomb Mills United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	1.12	0.68	0.93	1.87	0.25	0.32	0.91	2.40	2.89	88.0	0	81	
SO2	1.26	0.77	1.07	1.77	0.28	0.41	1.09	2.58	4.02	87.0	0	80	

GB0007R Barcomb Mills United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.89	0.56	0.74	1.93	0.05	0.32	0.73	2.05	3.07	98.9	0	91	
SO2	0.76	0.46	0.67	1.67	0.24	0.29	0.60	1.58	3.09	98.9	0	91	

GB0007R Barcomb Mills United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.38	0.25	0.32	1.74	0.12	0.14	0.29	0.89	1.39	98.9	0	90	
SO2	0.40	0.23	0.34	1.81	0.06	0.09	0.37	0.93	1.29	83.5	4	76	

GB0013R Yarner Wood United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.31	0.29	0.22	2.17	0.07	0.09	0.17	0.97	1.25	95.6	0	87	
SO2	0.49	0.55	0.34	2.14	0.11	0.15	0.28	1.46	3.21	98.9	0	90	

GB0013R Yarner Wood United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.64	0.65	0.41	2.67	0.04	0.09	0.34	2.00	3.15	94.6	0	87	
SO2	0.56	0.57	0.38	2.29	0.11	0.14	0.27	1.60	2.85	95.7	0	88	

GB0013R Yarner Wood United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.66	0.52	0.49	2.17	0.04	0.17	0.44	1.74	2.49	93.5	0	86	
SO2	0.39	0.35	0.30	2.01	0.06	0.11	0.25	1.30	1.62	96.7	3	89	

GB0013R Yarner Wood United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.26	0.16	0.22	1.66	0.09	0.10	0.21	0.53	0.94	84.6	0	77	
SO2	0.17	0.24	0.13	1.94	0.05	0.05	0.13	0.38	2.06	82.4	25	75	

GB0014R High Muffles United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.39	0.20	0.35	1.57	0.10	0.17	0.33	0.77	1.31	92.3	0	84	
SO2	1.63	1.92	1.00	2.70	0.13	0.19	0.89	5.48	11.35	95.6	0	87	

GB0014R High Muffles United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.69	0.54	0.55	1.92	0.14	0.19	0.57	1.73	3.35	100.0	0	92	
SO2	1.18	1.60	0.66	2.83	0.14	0.17	0.53	4.02	10.82	100.0	0	92	

GB0014R High Muffles United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.74	0.54	0.61	1.87	0.20	0.23	0.59	2.00	2.71	95.7	0	88	
SO2	1.13	1.32	0.68	2.80	0.10	0.13	0.71	3.78	8.26	96.7	0	89	

GB0014R High Muffles United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.51	0.29	0.44	1.73	0.09	0.19	0.44	0.98	1.71	100.0	0	91	
SO2	1.75	1.62	1.19	2.46	0.18	0.27	1.18	5.22	8.27	92.3	0	84	

GB0015R Strathvaich Dam United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.12	0.06	0.10	1.64	0.03	0.04	0.10	0.22	0.40	95.6	0	87	
SO2	0.18	0.15	0.15	1.67	0.04	0.06	0.14	0.42	1.24	100.0	32	91	

GB0015R Strathvaich Dam United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.29	0.25	0.22	2.16	0.03	0.07	0.20	0.81	1.23	100.0	0	92	
SO2	0.19	0.13	0.17	1.71	0.05	0.06	0.16	0.51	0.83	98.9	8	91	

GB0015R Strathvaich Dam United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.29	0.20	0.24	1.93	0.03	0.08	0.25	0.75	0.99	100.0	0	92	
SO2	0.15	0.08	0.14	1.67	0.05	0.06	0.14	0.31	0.47	100.0	25	92	

GB0015R Strathvaich Dam United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.23	0.28	0.16	2.27	0.03	0.05	0.15	0.74	1.59	100.0	0	91	
SO2	0.20	0.25	0.13	2.26	0.06	0.06	0.09	0.60	1.37	92.3	44	84	

GB0016R Glen Dye United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.23	0.21	0.17	1.98	0.04	0.07	0.16	0.55	1.40	95.6	0	87	
SO2	0.27	0.26	0.20	2.09	0.09	0.09	0.19	0.85	1.55	100.0	45	91	

GB0016R Glen Dye United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.42	0.35	0.31	2.14	0.06	0.10	0.30	0.98	2.19	98.9	0	91	
SO2	0.37	0.51	0.23	2.39	0.06	0.09	0.20	1.07	3.65	98.9	31	91	

GB0016R Glen Dye United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.45	0.33	0.36	1.98	0.09	0.11	0.35	1.16	1.51	97.8	0	90	
SO2	0.31	0.24	0.25	1.81	0.08	0.09	0.23	0.79	1.48	97.8	7	90	

GB0016R Glen Dye United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.35	0.33	0.25	2.34	0.03	0.07	0.24	0.97	1.74	98.9	0	90	
SO2	0.39	0.38	0.26	2.48	0.06	0.08	0.23	1.05	1.92	83.5	25	76	

GB0036R Harwell United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.40	3.05	2.29	2.55	0.30	0.40	2.40	9.90	14.60	100.0	0	91	

GB0036R Harwell United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.65	3.54	3.77	1.88	1.00	1.32	3.60	11.12	20.30	91.3	0	84	

GB0036R Harwell United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.04	2.38	2.43	1.91	0.70	0.96	2.00	7.42	13.70	100.0	0	92	

GB0036R Harwell United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.10	1.75	2.68	1.72	0.80	1.10	2.80	6.88	8.30	82.4	0	75	

GB0037R Ladybower United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.18	2.21	2.55	1.97	0.70	0.80	2.40	7.75	10.10	98.9	0	90	

GB0037R Ladybower United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.52	2.21	2.99	1.77	0.90	1.04	2.90	7.12	14.50	95.7	0	88	

GB0037R Ladybower United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.15	1.76	2.66	1.85	0.50	0.85	2.70	6.28	8.00	90.2	0	83	

GB0037R Ladybower United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.34	1.66	2.92	1.72	0.70	1.03	3.10	6.43	8.50	95.6	0	87	

GB0038R Lullington Heath United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.62	3.37	3.69	1.93	0.90	1.50	3.40	11.88	14.40	89.0	0	81	

GB0038R Lullington Heath United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.38	2.75	3.69	1.79	1.20	1.41	3.50	10.54	14.20	90.2	0	83	

GB0038R Lullington Heath United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.27	1.45	2.98	1.53	1.10	1.40	2.95	5.55	8.80	98.9	0	91	

GB0038R Lullington Heath United Kingdom

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.66	1.52	2.29	1.74	0.70	0.85	2.30	5.20	9.00	76.9	0	70	

GB0043R Narberth United Kingdom

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.37	1.34	1.03	2.14	0.10	0.20	1.00	3.00	9.40	92.3	0	84	

GB0043R Narberth United Kingdom

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.02	1.53	1.64	1.86	0.50	0.75	1.40	5.74	6.70	98.9	0	91	

GB0043R Narberth United Kingdom

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.12	0.54	1.02	1.51	0.60	0.60	0.90	2.30	2.40	21.7	0	20	

GB0043R	Narberth			United Kingdom									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.01	0.37	0.96	1.34	0.60	0.70	0.90	1.61	2.90	75.8	0	69	
GB0045R	Wicken Fen			United Kingdom									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	5.24	2.87	4.47	1.82	0.80	1.52	4.60	10.36	12.80	96.7	0	88	
GB0045R	Wicken Fen			United Kingdom									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.52	2.07	2.98	1.83	0.70	0.80	2.95	7.07	11.80	79.3	0	73	
GB0045R	Wicken Fen			United Kingdom									
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.71	1.15	2.45	1.61	0.40	1.05	2.55	4.78	6.30	83.7	0	77	
GB0045R	Wicken Fen			United Kingdom									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	5.04	2.84	4.40	1.68	1.20	1.64	4.30	9.76	15.40	75.8	0	69	
GR0001R	Aliartos			Greece									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.31	0.16	0.30	1.80	0.00	0.01	0.31	0.61	0.65	49.5	2	45	
NO2	3.49	2.14	2.89	1.91	0.57	0.93	3.30	8.60	9.70	76.9	0	70	
O3	43.93	13.09	42.10	1.34	27.04	27.75	41.90	68.69	73.67	42.9	0	39	
SO4--	0.95	0.41	0.83	1.85	0.10	0.16	0.96	1.54	1.65	49.5	0	45	
SO2	0.93	0.46	0.84	1.54	0.29	0.36	0.80	1.58	2.88	41.8	0	38	
GR0001R	Aliartos			Greece									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.29	0.16	0.25	1.72	0.04	0.12	0.26	0.57	0.97	93.5	0	86	
NO2	3.91	1.43	3.60	1.58	0.40	1.54	4.05	6.50	8.00	96.7	0	89	
O3	74.11	14.45	72.17	1.30	21.63	41.61	75.50	90.28	97.96	41.3	0	38	
SO4--	1.00	0.37	0.93	1.51	0.26	0.44	0.99	1.62	2.04	93.5	0	86	
SO2	0.64	0.34	0.55	1.77	0.09	0.18	0.57	1.07	2.50	96.7	0	89	
GR0001R	Aliartos			Greece									
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	3.74	2.50	2.45	3.12	0.30	0.30	4.15	7.89	8.80	67.0	0	61	
O3	22.70	8.26	21.25	1.45	10.00	11.05	22.00	38.95	41.00	67.0	0	61	
SO2	5.87	6.71	3.41	2.76	1.00	1.00	3.00	20.00	20.50	67.0	0	61	

HU0002R K-Pusztá Hungary

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	0.63	0.58	0.35	3.58	0.01	0.02	0.46	1.88	2.08	97.8	1	89	
NH4+	1.82	1.12	1.15	3.96	0.01	0.02	1.87	3.62	4.32	97.8	2	89	
NO3-	1.03	0.72	0.63	3.98	0.00	0.02	0.93	2.43	3.21	97.8	0	89	
HNO3	0.35	0.37	0.22	2.67	0.01	0.05	0.21	1.18	1.56	97.8	0	89	
NO2	2.02	0.95	1.80	1.65	0.25	0.82	1.79	3.66	5.29	98.9	0	90	
SO4--	1.95	1.51	1.33	2.94	0.02	0.19	1.57	4.71	6.72	97.8	0	89	
SO2	6.09	4.65	4.02	3.63	0.02	0.17	4.45	15.46	26.29	97.8	0	89	
NH3+NH4+	2.45	1.32	1.95	2.33	0.06	0.37	2.34	4.61	6.37	92.3	1	84	
HNO3+NO3	1.37	0.83	1.04	2.48	0.02	0.19	1.28	2.86	3.59	97.8	0	89	

HU0002R K-Pusztá Hungary

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.96	0.90	1.64	2.14	0.04	0.38	1.92	3.53	4.26	100.0	0	92	
NH4+	1.30	0.93	0.99	2.38	0.02	0.24	1.10	3.14	5.19	100.0	0	92	
NO3-	0.57	0.55	0.40	2.45	0.01	0.14	0.44	1.55	3.41	100.0	0	92	
HNO3	0.23	0.12	0.19	2.11	0.01	0.05	0.23	0.42	0.57	100.0	0	92	
NO2	1.27	0.53	1.16	1.54	0.29	0.58	1.14	2.34	2.65	100.0	0	92	
SO4--	1.44	0.73	1.19	2.21	0.02	0.41	1.38	2.78	3.46	100.0	0	92	
SO2	2.30	1.64	1.68	2.55	0.02	0.35	1.93	5.08	9.44	100.0	0	92	
NH3+NH4+	3.26	1.34	2.84	2.01	0.06	1.27	3.18	5.47	7.25	100.0	0	92	
HNO3+NO3	0.80	0.55	0.66	2.03	0.02	0.33	0.66	1.75	3.64	100.0	0	92	

HU0002R K-Pusztá Hungary

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.85	0.75	1.52	2.44	0.04	0.08	1.81	3.00	3.44	93.5	0	86	
NH4+	1.12	0.54	0.93	2.34	0.01	0.38	1.07	1.99	2.57	93.5	0	86	
NO3-	0.21	0.10	0.18	1.98	0.01	0.06	0.19	0.38	0.54	93.5	0	86	
HNO3	0.33	0.13	0.28	2.08	0.01	0.13	0.32	0.51	0.83	93.5	0	86	
NO2	1.14	0.54	1.01	1.71	0.11	0.57	1.02	1.98	3.37	100.0	0	92	
SO4--	1.40	0.62	1.17	2.36	0.01	0.58	1.34	2.36	2.65	93.5	0	86	
SO2	1.57	1.11	1.11	3.08	0.01	0.20	1.27	3.43	5.66	93.5	0	86	
NH3+NH4+	2.98	1.08	2.63	1.93	0.05	0.89	2.91	4.55	5.41	93.5	0	86	
HNO3+NO3	0.53	0.18	0.48	1.80	0.02	0.23	0.53	0.74	1.37	93.5	0	86	

HU0002R K-Pusztá Hungary

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.91	0.97	1.52	2.39	0.04	0.21	1.86	3.75	4.18	87.9	0	80	
NH4+	1.47	0.83	1.12	2.74	0.01	0.25	1.45	2.87	3.87	87.9	0	80	
NO3-	0.58	0.41	0.43	2.47	0.01	0.10	0.45	1.43	2.06	87.9	0	80	
HNO3	0.21	0.13	0.17	2.07	0.01	0.06	0.18	0.42	0.64	87.9	0	80	
NO2	1.92	0.95	1.66	1.85	0.05	0.63	1.68	3.41	5.02	100.0	0	91	
SO4--	1.77	0.99	1.38	2.67	0.01	0.44	1.57	3.35	4.86	87.9	0	80	
SO2	2.00	1.64	1.22	3.72	0.01	0.03	1.58	5.51	6.50	87.9	0	80	
NH3+NH4+	3.38	1.38	2.90	2.15	0.05	1.42	3.26	5.68	7.34	87.9	0	80	
HNO3+NO3	0.78	0.45	0.64	2.13	0.02	0.24	0.68	1.67	2.32	87.9	0	80	

IE0002R Turlough Hill Ireland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.16	0.10	0.14	1.79	0.02	0.05	0.14	0.33	0.63	96.7	0	88	

IE0002R	Turlough Hill				Ireland								
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.47	0.43	0.35	2.10	0.05	0.12	0.29	1.33	2.38	92.4	0	85	
IE0002R	Turlough Hill				Ireland								
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.59	1.65	0.29	2.80	0.02	0.05	0.26	1.30	15.64	98.9	0	91	
IE0002R	Turlough Hill				Ireland								
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.18	0.23	0.13	2.61	0.00	0.00	0.10	0.61	1.08	84.6	4	77	
IE0003R	The Burren				Ireland								
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.13	0.14	0.10	2.17	0.01	0.02	0.10	0.25	1.04	100.0	0	91	
IE0003R	The Burren				Ireland								
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.31	0.38	0.17	2.92	0.02	0.02	0.15	1.07	2.30	94.6	0	87	
IE0003R	The Burren				Ireland								
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.33	0.37	0.22	2.66	0.00	0.04	0.15	1.22	1.72	92.4	3	85	
IE0003R	The Burren				Ireland								
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.23	0.14	0.20	1.85	0.00	0.06	0.19	0.48	0.83	64.8	1	59	
IE0004R	Ridge Of Capard				Ireland								
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.12	0.10	0.10	2.02	0.00	0.01	0.09	0.24	0.62	60.4	1	55	
IE0004R	Ridge Of Capard				Ireland								
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.29	0.26	0.22	2.25	0.01	0.06	0.20	0.69	1.38	100.0	0	92	

IE0004R Ridge Of Capard Ireland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.29	0.28	0.20	2.52	0.01	0.05	0.18	0.89	1.44	100.0	0	92	

IE0004R Ridge Of Capard Ireland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.16	0.34	0.09	2.23	0.02	0.02	0.08	0.39	2.26	87.9	0	80	

IS0002R Irafoss Iceland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.10	0.12	0.06	2.94	0.00	0.01	0.07	0.28	0.75	98.9	3	90	

IS0002R Irafoss Iceland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.22	0.14	0.17	2.19	0.00	0.04	0.18	0.45	0.89	89.1	0	82	

IS0002R Irafoss Iceland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.25	0.18	0.19	2.09	0.04	0.05	0.21	0.61	1.00	97.8	0	90	

IS0002R Irafoss Iceland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.09	0.07	0.07	2.03	0.01	0.02	0.06	0.25	0.39	93.4	0	85	

IT0001R Montelibretti Italy

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	0.96	0.49	0.82	1.83	0.17	0.23	0.91	1.90	2.15	100.0	0	91	
NH4+	1.71	0.99	1.36	2.12	0.17	0.26	1.71	3.19	5.08	100.0	0	91	
NO3-	1.14	0.64	0.94	2.01	0.14	0.20	1.10	2.28	2.93	100.0	0	91	
HNO3	0.04	0.03	0.03	2.09	0.00	0.01	0.03	0.09	0.16	100.0	0	91	
NO2	6.00	2.44	5.41	1.64	1.21	1.89	5.97	9.60	10.82	100.0	0	91	
SO4--	0.78	0.39	0.69	1.71	0.20	0.26	0.75	1.59	1.92	100.0	0	91	
SO2	0.49	0.41	0.36	2.32	0.01	0.11	0.37	1.13	2.73	100.0	0	91	

IT0001R	Montelibretti				Italy								
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.22	0.63	1.08	1.66	0.23	0.44	1.07	2.19	4.10	95.7	0	88	
NH4+	1.77	1.03	1.53	1.71	0.53	0.64	1.46	3.27	5.78	95.7	0	88	
NO3-	1.06	0.68	0.89	1.78	0.26	0.38	0.84	2.36	3.68	95.7	0	88	
HNO3	0.11	0.08	0.09	2.19	0.01	0.02	0.09	0.26	0.36	95.7	0	88	
NO2	4.95	1.84	4.60	1.49	1.49	2.20	4.59	7.74	10.43	91.3	0	84	
SO4--	1.23	0.60	1.10	1.64	0.26	0.51	1.05	2.43	2.87	95.7	0	88	
SO2	0.57	0.40	0.45	1.97	0.08	0.15	0.47	1.30	2.28	95.7	0	88	

IT0001R	Montelibretti				Italy								
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	2.07	0.87	1.92	1.45	0.70	1.16	1.74	3.81	5.79	94.6	0	87	
NH4+	1.49	0.68	1.35	1.55	0.48	0.62	1.38	2.83	3.89	94.6	0	87	
NO3-	0.43	0.22	0.37	1.75	0.05	0.13	0.37	0.84	1.27	94.6	0	87	
HNO3	0.25	0.11	0.22	1.61	0.07	0.10	0.23	0.45	0.47	94.6	0	87	
NO2	3.05	0.78	2.95	1.30	1.49	1.71	2.97	4.39	5.42	88.0	0	81	
SO4--	1.29	0.50	1.19	1.53	0.37	0.50	1.28	2.17	2.77	94.6	0	87	
SO2	0.81	0.41	0.72	1.65	0.16	0.30	0.75	1.66	2.60	94.6	0	87	

IT0001R	Montelibretti				Italy								
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	1.37	0.62	1.22	1.67	0.21	0.39	1.31	2.46	3.81	86.8	0	79	
NH4+	1.36	1.01	1.09	1.96	0.24	0.31	1.09	3.78	5.01	86.8	0	79	
NO3-	0.54	0.27	0.46	1.89	0.05	0.14	0.53	0.98	1.20	86.8	0	79	
HNO3	0.10	0.11	0.06	2.81	0.00	0.01	0.06	0.39	0.43	86.8	0	79	
NO2	3.16	0.81	3.05	1.31	1.32	1.81	2.99	4.59	5.50	62.6	0	57	
SO4--	0.96	0.66	0.77	1.91	0.19	0.32	0.72	2.47	2.92	86.8	0	79	
SO2	0.55	0.34	0.46	1.87	0.06	0.14	0.46	1.29	1.72	86.8	0	79	

IT0004R	Ispra			Italy									
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
H+	11.9	7.0	-	-	1.0	1.9	11.5	22.6	34.3	98.9	0	90	
NH4+	2.01	1.83	1.19	3.26	0.06	0.12	1.44	6.26	7.37	98.9	0	90	
NO3-	1.48	1.47	0.93	2.92	0.04	0.11	1.08	3.86	9.27	98.9	0	90	
NO2	5.98	4.24	4.76	2.00	0.62	1.54	4.13	14.89	19.31	100.0	0	91	
SO4--	0.78	0.64	0.56	2.41	0.06	0.11	0.64	1.84	4.02	98.9	0	90	
SO2	1.96	0.75	1.83	1.47	0.65	0.77	1.77	3.38	4.26	100.0	0	91	

IT0004R	Ispra			Italy									
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
H+	5.2	4.0	-	-	0.0	0.1	4.4	12.4	17.5	100.0	4	92	
NH4+	1.13	0.98	0.79	2.62	0.02	0.14	0.83	3.09	4.68	100.0	0	92	
NO3-	0.50	0.39	0.37	2.27	0.03	0.08	0.37	1.30	1.92	100.0	0	92	
NO2	1.77	0.92	1.56	1.69	0.44	0.56	1.65	3.58	4.74	100.0	0	92	
SO4--	0.60	0.41	0.45	2.39	0.03	0.07	0.52	1.46	2.02	100.0	0	92	
SO2	1.22	0.34	1.17	1.36	0.33	0.65	1.20	1.69	2.60	100.0	0	92	

IT0004R Ispira Italy

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
H+	5.8	4.1	-	-	0.0	0.3	5.4	13.0	18.1	98.9	3	91	
NH4+	1.08	0.85	0.76	2.66	0.03	0.08	0.90	2.84	4.63	98.9	0	91	
NO3-	0.37	0.30	0.29	2.03	0.05	0.07	0.31	0.80	1.83	98.9	0	91	
NO2	1.21	0.42	1.14	1.42	0.55	0.63	1.12	1.97	2.25	98.9	0	91	
SO4--	0.80	0.54	0.59	2.45	0.04	0.09	0.75	1.89	2.44	98.9	0	91	
SO2	0.46	0.28	0.40	1.68	0.07	0.20	0.33	1.07	1.47	85.9	0	79	

IT0004R Ispira Italy

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
H+	5.5	4.2	-	-	0.0	0.0	5.3	13.0	18.1	75.8	3	69	
NH4+	1.02	1.99	0.51	3.31	0.01	0.06	0.61	2.31	16.07	75.8	0	69	
NO3-	0.31	0.44	0.19	2.54	0.01	0.05	0.19	0.78	3.21	75.8	0	69	
NO2	1.86	0.61	1.76	1.39	0.71	0.98	1.71	3.09	3.48	95.6	0	87	
SO4--	0.40	0.44	0.23	2.90	0.03	0.05	0.20	1.25	2.33	75.8	0	69	
SO2	0.23	0.19	0.18	2.06	0.00	0.07	0.13	0.56	1.13	100.0	1	91	

LT0015R Preila Lithuania

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.45	0.67	1.31	1.58	0.37	0.64	1.34	2.81	3.49	95.6	0	87	
SO4--	0.92	0.55	0.78	1.82	0.13	0.25	0.79	2.04	2.50	96.7	0	88	
SO2	1.62	2.45	0.73	3.66	0.07	0.10	0.65	6.53	13.88	95.6	0	87	
NH3+NH4+	1.60	1.67	1.07	2.46	0.17	0.23	1.12	4.24	9.67	93.4	0	85	
HNO3+NO3	0.72	0.58	0.51	2.56	0.02	0.09	0.61	1.91	3.26	95.6	0	87	

LT0015R Preila Lithuania

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.21	0.50	1.12	1.50	0.33	0.55	1.14	1.99	3.43	98.9	0	91	
SO4--	0.85	0.50	0.72	1.82	0.16	0.25	0.75	1.93	2.43	98.9	0	91	
SO2	0.60	0.47	0.45	2.16	0.07	0.13	0.48	1.42	3.04	97.8	0	90	
NH3+NH4+	1.25	0.91	0.87	2.63	0.09	0.12	1.05	2.91	3.46	97.8	0	90	
HNO3+NO3	0.52	0.38	0.41	2.08	0.05	0.12	0.44	1.16	2.14	96.7	0	89	

LT0015R Preila Lithuania

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.72	0.33	0.65	1.61	0.24	0.27	0.65	1.34	1.68	100.0	0	92	
SO4--	0.77	0.40	0.67	1.71	0.20	0.28	0.67	1.50	1.95	96.7	0	89	
SO2	0.32	0.21	0.26	1.89	0.05	0.09	0.25	0.68	1.25	98.9	0	91	
NH3+NH4+	1.23	0.83	0.98	2.04	0.12	0.30	0.95	2.86	3.64	98.9	0	91	
HNO3+NO3	0.46	0.25	0.39	1.76	0.08	0.15	0.41	0.96	1.20	96.7	0	89	

LT0015R Preila Lithuania

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.45	1.14	1.18	1.89	0.11	0.43	1.13	2.87	7.93	97.8	0	89	
SO4--	1.06	0.82	0.79	2.34	0.07	0.14	0.92	3.13	3.86	97.8	0	89	
SO2	0.87	0.59	0.65	2.46	0.03	0.10	0.81	2.09	2.57	97.8	0	89	
NH3+NH4+	2.21	1.34	1.77	2.06	0.25	0.37	2.05	4.89	5.96	97.8	0	89	
HNO3+NO3	0.77	0.48	0.61	2.10	0.08	0.16	0.70	1.63	2.23	97.8	0	89	

LV0010R		Rucava			Latvia								
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.79	0.48	0.64	2.04	0.04	0.19	0.67	1.62	2.48	96.7	3	88	
NO3-	0.35	0.24	0.27	2.20	0.03	0.05	0.30	0.73	1.18	95.6	0	87	
NO2	0.99	0.53	0.83	2.03	0.00	0.14	1.00	1.80	2.10	96.7	1	88	
SO4--	0.48	0.52	0.31	2.64	0.00	0.06	0.28	1.76	2.60	95.6	14	87	
SO2	0.41	0.51	0.35	2.34	0.00	0.00	0.20	1.79	2.30	95.6	51	87	
NH3+NH4+	1.16	0.63	0.98	1.88	0.10	0.30	1.08	2.33	3.09	96.7	0	88	
HNO3+NO3	0.41	0.25	0.33	2.06	0.03	0.09	0.35	0.81	1.26	95.6	0	87	

LV0010R		Rucava			Latvia								
March 2000 - May 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.71	0.36	0.62	1.72	0.13	0.23	0.69	1.23	2.04	100.0	2	92	
NO3-	0.14	0.11	0.11	2.16	0.01	0.03	0.12	0.32	0.59	100.0	1	92	
NO2	0.71	0.36	0.62	1.68	0.20	0.26	0.60	1.44	1.70	100.0	0	92	
SO4--	0.19	0.15	0.16	2.37	0.00	0.01	0.17	0.44	0.88	100.0	20	92	
SO2	0.23	0.30	0.29	2.10	0.00	0.00	0.10	0.70	1.90	100.0	38	92	
NH3+NH4+	1.05	0.46	0.94	1.65	0.26	0.34	1.02	1.79	2.42	100.0	0	92	
HNO3+NO3	0.18	0.12	0.14	2.11	0.01	0.05	0.15	0.41	0.66	100.0	0	92	

LV0010R		Rucava			Latvia								
June 2000 - August 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.68	0.29	0.60	1.78	0.03	0.23	0.66	1.21	1.28	100.0	1	92	
NO3-	0.18	0.12	0.14	2.09	0.01	0.04	0.15	0.41	0.58	100.0	1	92	
NO2	0.51	0.20	0.47	1.47	0.20	0.30	0.50	0.90	1.10	100.0	0	92	
SO4--	0.26	0.24	0.19	2.33	0.03	0.04	0.20	0.66	1.25	100.0	0	92	
SO2	0.46	0.44	0.39	2.14	0.00	0.00	0.30	1.28	2.30	100.0	7	92	
NH3+NH4+	1.05	0.45	0.96	1.54	0.26	0.45	0.97	1.90	2.55	100.0	0	92	
HNO3+NO3	0.20	0.12	0.17	1.99	0.01	0.05	0.17	0.41	0.63	100.0	0	92	

LV0010R		Rucava			Latvia								
September 2000 - November 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.28	0.70	1.07	1.87	0.23	0.32	1.17	2.40	2.87	100.0	0	91	
NO3-	0.23	0.15	0.18	2.07	0.02	0.05	0.20	0.51	0.61	100.0	0	91	
NO2	0.62	0.39	0.50	2.06	0.10	0.10	0.50	1.40	1.60	100.0	0	91	
SO4--	0.23	0.24	0.16	2.44	0.01	0.04	0.16	0.64	1.34	100.0	0	91	
SO2	0.26	0.25	0.27	1.91	0.00	0.00	0.20	0.80	1.20	100.0	10	91	
NH3+NH4+	1.64	0.68	1.49	1.59	0.37	0.62	1.62	2.69	3.28	100.0	0	91	
HNO3+NO3	0.24	0.15	0.19	2.03	0.02	0.06	0.22	0.52	0.62	100.0	0	91	

LV0016R		Zoseni			Latvia								
December 1999 - February 2000													
Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.52	0.39	0.39	2.20	0.09	0.10	0.43	1.28	1.60	97.8	2	89	
NO3-	0.23	0.18	0.17	2.21	0.01	0.05	0.17	0.50	0.99	92.3	1	84	
NO2	0.70	0.48	0.57	2.02	0.00	0.10	0.60	1.50	3.30	98.9	1	90	
SO4--	0.32	0.33	0.23	2.46	0.00	0.04	0.23	0.70	1.96	93.4	25	85	
SO2	0.41	0.56	0.28	2.45	0.00	0.10	0.20	1.58	3.00	93.4	5	85	
NH3+NH4+	0.77	0.50	0.62	1.98	0.12	0.22	0.66	1.84	2.07	97.8	0	89	
HNO3+NO3	0.26	0.19	0.20	1.92	0.06	0.07	0.20	0.57	1.04	92.3	0	84	

LV0016R Zoseni Latvia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.41	0.24	0.33	1.98	0.06	0.10	0.37	0.84	1.20	98.9	2	91	
NO3-	0.10	0.07	0.08	2.13	0.00	0.02	0.08	0.24	0.36	95.7	3	88	
NO2	0.53	0.21	0.49	1.54	0.10	0.20	0.50	0.90	1.20	98.9	0	91	
SO4--	0.20	0.17	0.15	2.46	0.00	0.02	0.15	0.58	0.73	95.7	38	88	
SO2	0.21	0.34	0.22	2.00	0.00	0.00	0.10	0.60	3.00	95.7	13	88	
NH3+NH4+	0.62	0.39	0.51	1.89	0.16	0.17	0.56	1.26	2.29	98.9	0	91	
HNO3+NO3	0.12	0.08	0.10	2.10	0.01	0.02	0.11	0.28	0.37	95.7	0	88	

LV0016R Zoseni Latvia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.39	0.18	0.34	1.72	0.07	0.11	0.38	0.73	0.84	88.0	0	81	
NO3-	0.10	0.07	0.08	2.02	0.01	0.03	0.10	0.21	0.40	89.1	1	82	
NO2	0.55	0.31	0.49	1.56	0.20	0.21	0.50	0.99	2.00	89.1	0	82	
SO4--	0.23	0.28	0.16	2.44	0.01	0.03	0.15	0.69	1.70	89.1	19	82	
SO2	0.25	0.24	0.28	1.97	0.00	0.00	0.20	0.89	0.90	89.1	11	82	
NH3+NH4+	0.62	0.25	0.58	1.49	0.16	0.29	0.57	1.03	1.46	89.1	0	82	
HNO3+NO3	0.12	0.07	0.10	1.84	0.02	0.03	0.11	0.23	0.40	89.1	0	82	

LV0016R Zoseni Latvia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.81	0.54	0.62	2.22	0.02	0.18	0.75	1.84	2.46	100.0	0	91	
NO3-	0.21	0.16	0.15	2.44	0.02	0.03	0.16	0.51	0.65	100.0	0	91	
NO2	0.68	0.35	0.60	1.68	0.10	0.30	0.60	1.40	1.80	100.0	0	91	
SO4--	0.18	0.17	0.11	2.81	0.01	0.02	0.12	0.48	0.95	100.0	0	91	
SO2	0.20	0.18	0.25	1.84	0.00	0.00	0.20	0.50	1.00	100.0	14	91	
NH3+NH4+	1.03	0.58	0.88	1.81	0.15	0.33	0.95	2.12	2.89	100.0	0	91	
HNO3+NO3	0.23	0.18	0.17	2.36	0.02	0.03	0.19	0.57	0.73	100.0	0	91	

NL0009R Kollumerwaard Netherlands

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.80	0.61	0.60	2.23	0.07	0.16	0.55	1.91	2.99	92.3	0	84	
NO3-	0.52	0.44	0.47	2.14	0.00	0.00	0.38	1.23	1.96	92.3	8	84	
NO2	4.84	3.58	3.53	2.40	0.30	0.78	4.11	11.19	17.39	100.0	0	91	
SO4--	0.50	0.38	0.44	1.88	0.00	0.13	0.39	1.08	2.18	92.3	4	84	
SO2	0.71	0.76	0.80	1.73	-0.50	0.00	0.50	2.00	4.51	100.0	21	91	

NL0009R Kollumerwaard Netherlands

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.06	0.77	0.83	2.06	0.10	0.22	0.87	2.35	4.18	87.0	0	80	
NO3-	0.71	0.55	0.57	2.13	0.00	0.10	0.56	1.77	2.61	87.0	2	80	
NO2	3.06	1.77	2.49	2.03	0.30	0.61	2.75	6.10	8.85	100.0	0	92	
SO4--	0.62	0.40	0.53	1.79	0.00	0.21	0.48	1.35	2.31	87.0	1	80	
SO2	0.51	0.53	0.79	1.46	-0.50	-0.38	0.50	1.50	2.00	92.4	27	85	

NL0009R Kollumerwaard Netherlands

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.86	0.66	0.62	2.37	0.07	0.14	0.69	2.11	3.45	87.0	0	80	
NO3-	0.47	0.36	0.39	2.18	0.00	0.00	0.37	1.21	1.43	87.0	4	80	
NO2	1.77	1.13	1.41	2.14	0.00	0.30	1.83	3.66	4.88	96.7	2	89	
SO4--	0.73	0.50	0.59	1.94	0.17	0.18	0.59	1.49	2.95	87.0	0	80	
SO2	0.49	0.50	0.73	1.45	-0.50	-0.20	0.50	1.50	2.50	100.0	26	92	

NL0009R Kollumerwaard Netherlands

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.12	0.76	0.89	2.06	0.07	0.31	0.89	2.64	3.62	82.4	0	75	
NO3-	0.73	0.50	0.59	2.02	0.08	0.16	0.58	1.68	2.78	82.4	0	75	
NO2	4.99	2.56	4.26	1.84	0.61	1.22	4.73	9.35	11.89	95.6	0	87	
SO4--	0.60	0.42	0.47	2.09	0.13	0.13	0.51	1.46	1.94	82.4	0	75	
SO2	0.63	0.50	0.82	1.47	0.00	0.00	0.50	1.50	2.00	93.4	21	85	

NL0010R Vreedepeel Netherlands

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	9.71	6.06	7.99	2.03	0.41	2.37	7.50	20.97	31.96	46.2	0	42	
NH4+	1.17	0.86	0.94	1.97	0.00	0.30	0.90	3.03	4.58	92.3	1	84	
NO3-	0.76	0.54	0.65	1.95	0.00	0.12	0.60	1.84	2.43	92.3	3	84	
NO2	8.29	4.08	7.34	1.66	1.80	3.36	7.60	16.35	19.83	90.1	0	82	
SO4--	0.65	0.51	0.54	1.91	0.00	0.20	0.49	1.92	2.77	92.3	2	84	
SO2	1.63	1.73	1.32	1.94	-0.50	0.00	1.50	3.01	11.02	92.3	5	84	

NL0010R Vreedepeel Netherlands

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	17.26	11.65	13.66	2.03	2.16	4.42	12.60	40.86	45.72	85.9	0	79	
NH4+	1.31	0.92	1.06	1.92	0.24	0.43	1.08	3.46	4.52	87.0	0	80	
NO3-	0.85	0.59	0.67	2.04	0.08	0.20	0.64	1.88	3.06	87.0	0	80	
NO2	6.62	2.90	6.01	1.57	1.83	2.81	5.80	11.10	15.25	100.0	0	92	
SO4--	0.70	0.55	0.55	2.00	0.12	0.23	0.51	1.54	3.08	87.0	0	80	
SO2	1.27	1.05	1.12	1.89	0.00	0.00	1.00	3.28	5.51	96.7	10	89	

NL0010R Vreedepeel Netherlands

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	17.74	11.13	14.96	1.78	4.62	5.90	12.53	38.94	51.78	62.0	0	57	
NH4+	1.50	0.94	1.22	1.98	0.18	0.36	1.30	3.00	4.80	85.9	0	79	
NO3-	0.84	0.54	0.66	2.13	0.07	0.13	0.68	1.81	2.31	85.9	0	79	
NO2	4.87	1.64	4.56	1.46	1.52	1.98	4.88	7.32	8.54	97.8	0	90	
SO4--	0.93	0.59	0.76	1.94	0.10	0.26	0.77	1.89	3.15	85.9	0	79	
SO2	1.11	0.79	1.07	1.73	0.00	0.00	1.00	2.51	3.51	98.9	11	91	

NL0010R Vreedepeel Netherlands

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	10.59	7.74	8.27	2.06	1.94	2.22	8.56	27.49	37.65	76.9	0	70	
NH4+	1.23	0.89	0.97	2.08	0.08	0.27	0.96	3.30	4.20	100.0	0	91	
NO3-	0.72	0.47	0.59	1.92	0.10	0.21	0.61	1.78	2.68	100.0	0	91	
NO2	6.60	2.22	6.20	1.45	2.13	3.36	6.41	10.68	11.59	100.0	0	91	
SO4--	0.75	0.56	0.59	2.03	0.13	0.26	0.52	1.93	2.97	100.0	0	91	
SO2	1.14	0.69	1.06	1.69	0.00	0.00	1.00	2.23	3.01	100.0	6	91	

NO0001R Birkenes Norway

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.02	0.02	0.01	2.68	0.00	0.00	0.01	0.06	0.12	100.0	37	91	
Cl-	1.11	1.38	0.32	7.51	0.01	0.01	0.50	3.75	7.10	100.0	13	91	
Mg++	0.07	0.07	0.04	3.60	0.00	0.00	0.04	0.21	0.31	100.0	13	91	
NO2	0.54	0.45	0.40	2.40	0.01	0.10	0.39	1.43	2.45	100.0	2	91	
K+	0.03	0.03	0.02	2.72	0.00	0.00	0.02	0.07	0.18	100.0	22	91	
Na+	0.62	0.62	0.32	3.84	0.00	0.02	0.40	1.97	2.67	100.0	1	91	
SO4--	0.23	0.22	0.14	2.80	0.02	0.02	0.13	0.70	0.86	100.0	0	91	
SO2	0.06	0.07	0.04	2.68	0.01	0.01	0.04	0.18	0.34	100.0	29	91	
NH3+NH4+	0.12	0.18	0.07	2.63	0.03	0.03	0.04	0.44	1.17	100.0	0	91	
HNO3+NO3	0.11	0.14	0.07	2.61	0.01	0.02	0.06	0.34	0.84	100.0	0	91	

NO0001R Birkenes Norway

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.05	0.07	0.03	3.45	0.00	0.00	0.02	0.17	0.37	100.0	23	92	
Cl-	0.34	0.52	0.09	6.47	0.01	0.01	0.10	1.09	2.93	100.0	32	92	
Mg++	0.04	0.05	0.03	2.92	0.00	0.00	0.03	0.13	0.24	100.0	16	92	
NO2	0.52	0.23	0.47	1.63	0.04	0.22	0.49	0.95	1.41	100.0	0	92	
K+	0.05	0.05	0.03	2.91	0.00	0.00	0.04	0.14	0.26	100.0	12	92	
Na+	0.36	0.40	0.20	3.40	0.00	0.03	0.23	1.05	2.07	100.0	3	92	
SO4--	0.53	0.47	0.37	2.39	0.05	0.11	0.30	1.47	2.07	100.0	0	92	
SO2	0.18	0.19	0.09	3.49	0.01	0.01	0.13	0.50	0.93	100.0	11	92	
NH3+NH4+	0.54	0.57	0.32	2.95	0.03	0.06	0.36	1.82	2.68	100.0	0	92	
HNO3+NO3	0.21	0.26	0.12	2.73	0.02	0.03	0.13	0.79	1.59	100.0	0	92	

NO0001R Birkenes Norway

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.03	0.05	0.02	2.89	0.00	0.00	0.02	0.14	0.26	100.0	23	92	
Cl-	0.22	0.48	0.06	5.24	0.01	0.01	0.06	0.84	3.84	100.0	33	92	
Mg++	0.04	0.05	0.02	3.26	0.00	0.00	0.02	0.14	0.32	100.0	28	92	
NO2	0.36	0.22	0.30	1.91	0.01	0.11	0.32	0.71	1.50	100.0	1	92	
K+	0.05	0.04	0.04	2.29	0.00	0.00	0.04	0.13	0.21	100.0	5	92	
Na+	0.32	0.42	0.15	4.34	0.00	0.00	0.16	1.13	2.66	100.0	8	92	
SO4--	0.46	0.50	0.32	2.34	0.06	0.09	0.30	1.27	2.91	100.0	0	92	
SO2	0.12	0.15	0.07	2.91	0.01	0.01	0.07	0.40	0.90	100.0	12	92	
NH3+NH4+	0.47	0.45	0.31	2.67	0.03	0.04	0.33	1.22	2.28	100.0	0	92	
HNO3+NO3	0.15	0.18	0.10	2.48	0.02	0.03	0.09	0.48	0.87	100.0	0	92	

NO0001R Birkenes Norway

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.04	0.05	0.02	3.32	0.00	0.00	0.02	0.18	0.25	100.0	27	91	
Cl-	0.55	0.79	0.24	4.33	0.01	0.01	0.28	2.06	4.38	100.0	8	91	
Mg++	0.06	0.06	0.03	3.20	0.00	0.00	0.04	0.17	0.31	100.0	18	91	
NO2	0.63	0.50	0.46	2.50	0.01	0.10	0.50	1.70	2.54	100.0	2	91	
K+	0.06	0.06	0.04	3.02	0.00	0.00	0.05	0.15	0.40	100.0	13	91	
Na+	0.49	0.50	0.31	2.90	0.00	0.05	0.35	1.54	2.68	100.0	1	91	
SO4--	0.52	0.45	0.37	2.60	0.00	0.08	0.43	1.54	2.42	100.0	1	91	
SO2	0.11	0.10	0.08	2.35	0.01	0.01	0.09	0.24	0.80	100.0	8	91	
NH3+NH4+	0.56	0.56	0.35	2.84	0.03	0.07	0.37	1.69	2.79	100.0	0	91	
HNO3+NO3	0.31	0.31	0.19	3.00	0.02	0.02	0.19	0.86	1.85	100.0	0	91	

NO0008R Skreaadalen Norway

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.04	0.04	0.02	3.43	0.00	0.00	0.01	0.11	0.14	100.0	33	91	
Cl-	1.53	1.87	0.39	8.93	0.01	0.01	0.76	4.89	10.05	100.0	15	91	
Mg++	0.10	0.11	0.04	4.95	0.00	0.00	0.05	0.32	0.43	100.0	22	91	
NO2	0.37	0.33	0.31	1.68	0.10	0.13	0.30	0.62	3.08	97.8	0	89	
K+	0.04	0.03	0.03	2.73	0.00	0.00	0.03	0.10	0.14	100.0	13	91	
Na+	0.91	0.95	0.35	5.76	0.00	0.02	0.55	2.79	3.76	100.0	1	91	
SO4--	0.18	0.13	0.12	2.79	0.00	0.02	0.17	0.38	0.66	100.0	2	91	
SO2	0.05	0.05	0.03	2.43	0.01	0.01	0.04	0.16	0.21	100.0	33	91	
NH3+NH4+	0.68	0.31	0.60	1.76	0.03	0.23	0.64	1.16	2.10	100.0	0	91	
HNO3+NO3	0.08	0.07	0.06	2.09	0.02	0.02	0.05	0.19	0.41	100.0	0	91	

NO0008R Skreaadalen Norway

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.06	0.07	0.03	3.51	0.00	0.00	0.03	0.18	0.33	100.0	22	92	
Cl-	0.42	0.73	0.10	6.36	0.01	0.01	0.07	1.83	4.10	100.0	23	92	
Mg++	0.04	0.05	0.02	3.22	0.00	0.00	0.02	0.12	0.28	100.0	25	92	
NO2	0.36	0.17	0.32	1.84	0.01	0.15	0.33	0.62	1.10	100.0	2	92	
K+	0.04	0.03	0.03	2.40	0.00	0.00	0.03	0.09	0.16	100.0	11	92	
Na+	0.35	0.42	0.16	4.42	0.00	0.01	0.20	1.12	2.37	100.0	4	92	
SO4--	0.45	0.47	0.30	2.52	0.00	0.11	0.26	1.39	3.05	100.0	1	92	
SO2	0.10	0.20	0.05	2.97	0.01	0.01	0.05	0.36	1.66	100.0	19	92	
NH3+NH4+	1.71	1.66	1.27	2.20	0.03	0.48	1.20	4.64	9.39	100.0	0	92	
HNO3+NO3	0.18	0.28	0.11	2.58	0.02	0.03	0.10	0.48	1.85	100.0	0	92	

NO0008R Skreaadalen Norway

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.04	0.06	0.02	2.80	0.00	0.00	0.02	0.13	0.48	81.5	10	75	
Cl-	0.30	0.67	0.08	5.64	0.01	0.01	0.08	1.08	5.00	81.5	22	75	
Mg++	0.04	0.05	0.02	3.21	0.00	0.00	0.02	0.10	0.32	81.5	27	75	
NO2	0.34	0.23	0.30	1.57	0.09	0.15	0.32	0.54	2.11	98.9	0	91	
K+	0.04	0.02	0.03	2.20	0.00	0.00	0.03	0.08	0.12	81.5	8	75	
Na+	0.30	0.40	0.16	3.37	0.00	0.02	0.16	0.90	2.86	81.5	1	75	
SO4--	0.38	0.49	0.25	2.39	0.00	0.10	0.22	1.02	3.22	81.5	1	75	
SO2	0.07	0.14	0.03	2.93	0.01	0.01	0.04	0.35	0.92	81.5	31	75	
NH3+NH4+	1.40	0.74	1.23	1.67	0.35	0.54	1.27	2.73	4.27	81.5	0	75	
HNO3+NO3	0.12	0.14	0.09	2.12	0.02	0.04	0.08	0.41	0.89	81.5	0	75	

NO0008R Skreaadalen Norway

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.03	0.04	0.02	3.31	0.00	0.00	0.01	0.12	0.19	98.9	36	90	
Cl-	0.40	0.71	0.12	5.49	0.01	0.01	0.14	1.56	3.77	100.0	18	91	
Mg++	0.04	0.05	0.02	3.27	0.00	0.00	0.02	0.12	0.31	98.9	29	90	
NO2	0.42	0.37	0.32	1.99	0.10	0.12	0.29	0.93	2.90	100.0	0	91	
K+	0.04	0.05	0.03	2.70	0.00	0.00	0.03	0.11	0.29	97.8	12	89	
Na+	0.38	0.49	0.20	3.32	0.00	0.03	0.22	1.17	2.77	98.9	2	90	
SO4--	0.36	0.38	0.23	2.83	0.00	0.04	0.24	0.93	2.37	100.0	2	91	
SO2	0.12	0.20	0.07	2.94	0.01	0.01	0.08	0.30	1.66	97.8	17	89	
NH3+NH4+	0.62	0.39	0.51	1.91	0.03	0.18	0.52	1.39	2.35	98.9	0	90	
HNO3+NO3	0.17	0.18	0.12	2.37	0.02	0.02	0.12	0.49	1.22	97.8	0	89	

NO0015R Tustervatn Norway

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.02	0.03	0.01	2.68	0.00	0.00	0.00	0.07	0.13	100.0	50	91	
Cl-	0.65	0.76	0.26	5.41	0.01	0.01	0.38	2.15	3.42	100.0	6	91	
Mg++	0.05	0.08	0.02	3.99	0.00	0.00	0.02	0.21	0.40	100.0	22	91	
NO2	0.22	0.12	0.19	1.92	0.01	0.06	0.21	0.41	0.75	98.9	2	90	
K+	0.02	0.02	0.01	2.52	0.00	0.00	0.01	0.07	0.12	100.0	30	91	
Na+	0.47	0.66	0.20	4.20	0.00	0.02	0.22	1.79	3.49	100.0	1	91	
SO4--	0.10	0.09	0.08	2.08	0.00	0.03	0.08	0.22	0.53	100.0	2	91	
SO2	0.04	0.05	0.03	2.47	0.01	0.01	0.03	0.14	0.23	100.0	34	91	
NH3+NH4+	0.32	0.38	0.20	2.71	0.02	0.04	0.20	0.91	2.04	100.0	0	91	
HNO3+NO3	0.04	0.02	0.03	1.57	0.01	0.02	0.03	0.07	0.11	100.0	0	91	

NO0015R Tustervatn Norway

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.03	0.05	0.02	3.11	0.00	0.00	0.02	0.09	0.36	100.0	31	92	
Cl-	0.59	0.81	0.16	7.09	0.01	0.01	0.19	2.15	3.78	100.0	22	92	
Mg++	0.05	0.06	0.02	3.54	0.00	0.00	0.02	0.18	0.25	100.0	28	92	
NO2	0.17	0.15	0.12	2.55	0.01	0.01	0.13	0.45	0.80	100.0	5	92	
K+	0.02	0.02	0.01	2.55	0.00	0.00	0.02	0.07	0.09	100.0	29	92	
Na+	0.39	0.46	0.18	4.19	0.00	0.00	0.20	1.34	2.07	100.0	5	92	
SO4--	0.22	0.16	0.17	2.10	0.00	0.05	0.17	0.47	0.95	100.0	1	92	
SO2	0.05	0.06	0.03	2.64	0.01	0.01	0.03	0.15	0.29	100.0	38	92	
NH3+NH4+	1.38	1.37	0.91	2.60	0.09	0.19	0.91	3.59	7.76	100.0	0	92	
HNO3+NO3	0.08	0.19	0.05	2.11	0.02	0.02	0.04	0.15	1.41	100.0	0	92	

NO0015R Tustervatn Norway

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.02	0.03	0.01	2.53	0.00	0.00	0.01	0.06	0.18	98.9	32	91	
Cl-	0.13	0.19	0.04	4.66	0.01	0.01	0.03	0.57	0.86	98.9	41	91	
Mg++	0.01	0.02	0.01	2.33	0.00	0.00	0.01	0.05	0.07	98.9	44	91	
NO2	0.17	0.11	0.13	2.31	0.01	0.01	0.14	0.39	0.45	100.0	5	92	
K+	0.02	0.01	0.01	2.19	0.00	0.00	0.01	0.04	0.07	98.9	24	91	
Na+	0.13	0.14	0.06	4.08	0.00	0.00	0.09	0.42	0.55	98.9	13	91	
SO4--	0.16	0.13	0.12	2.19	0.00	0.04	0.13	0.35	0.82	98.9	1	91	
SO2	0.04	0.02	0.03	2.06	0.01	0.01	0.04	0.07	0.09	100.0	26	92	
NH3+NH4+	1.28	0.90	1.02	2.06	0.06	0.29	1.05	2.72	5.91	97.8	0	90	
HNO3+NO3	0.06	0.13	0.04	1.91	0.02	0.02	0.04	0.10	1.25	98.9	0	91	

NO0015R Tustervatn Norway

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.02	0.02	0.01	2.58	0.00	0.00	0.00	0.07	0.14	100.0	60	91	
Cl-	0.05	0.12	0.02	3.17	0.01	0.01	0.01	0.38	0.64	100.0	63	91	
Mg++	0.01	0.02	0.01	2.16	0.00	0.00	0.00	0.04	0.13	100.0	71	91	
NO2	0.13	0.13	0.07	3.35	0.01	0.01	0.08	0.36	0.61	100.0	27	91	
K+	0.02	0.03	0.01	2.72	0.00	0.00	0.01	0.08	0.13	100.0	37	91	
Na+	0.09	0.16	0.04	3.94	0.00	0.00	0.03	0.42	1.05	100.0	17	91	
SO4--	0.25	0.27	0.13	3.76	0.00	0.00	0.15	0.89	1.40	100.0	6	91	
SO2	0.04	0.04	0.03	2.58	0.01	0.01	0.02	0.12	0.24	100.0	43	91	
NH3+NH4+	0.46	0.56	0.32	2.12	0.10	0.12	0.26	1.53	3.62	100.0	0	91	
HNO3+NO3	0.05	0.03	0.04	1.83	0.02	0.02	0.04	0.11	0.14	100.0	0	91	

NO0039R Kaarvatn Norway

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.01	0.02	0.01	2.21	0.00	0.00	0.00	0.03	0.16	85.7	49	78	
Cl-	0.59	1.41	0.16	5.40	0.01	0.01	0.15	1.76	10.42	85.7	5	78	
Mg++	0.04	0.07	0.01	3.41	0.00	0.00	0.01	0.12	0.46	85.7	29	78	
NO2	0.30	0.16	0.25	1.96	0.01	0.09	0.26	0.59	0.94	100.0	2	91	
K+	0.01	0.03	0.01	2.19	0.00	0.00	0.00	0.03	0.21	85.7	41	78	
Na+	0.33	0.60	0.13	4.11	0.00	0.01	0.12	1.09	4.02	85.7	0	78	
SO4--	0.07	0.07	0.05	2.50	0.00	0.00	0.04	0.16	0.48	85.7	2	78	
SO2	0.03	0.04	0.02	2.21	0.01	0.01	0.01	0.09	0.21	85.7	53	78	
NH3+NH4+	0.09	0.05	0.07	1.77	0.02	0.03	0.08	0.17	0.21	84.6	0	77	
HNO3+NO3	0.03	0.01	0.02	1.58	0.01	0.01	0.02	0.05	0.08	85.7	0	78	

NO0039R Kaarvatn Norway

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.03	0.03	0.02	2.93	0.00	0.00	0.01	0.11	0.15	100.0	29	92	
Cl-	0.36	0.61	0.09	6.44	0.01	0.01	0.09	1.80	2.99	100.0	28	92	
Mg++	0.03	0.04	0.02	3.04	0.00	0.00	0.02	0.14	0.21	100.0	31	92	
NO2	0.26	0.16	0.21	2.08	0.01	0.06	0.22	0.50	0.79	100.0	1	92	
K+	0.02	0.02	0.01	2.41	0.00	0.00	0.01	0.05	0.10	100.0	30	92	
Na+	0.27	0.36	0.12	3.85	0.00	0.01	0.14	1.15	1.80	100.0	3	92	
SO4--	0.27	0.32	0.18	2.33	0.03	0.05	0.16	1.09	1.53	100.0	0	92	
SO2	0.03	0.03	0.02	2.27	0.01	0.01	0.01	0.09	0.14	100.0	48	92	
NH3+NH4+	0.35	0.31	0.27	2.04	0.05	0.10	0.23	1.12	1.64	100.0	0	92	
HNO3+NO3	0.06	0.08	0.04	2.02	0.01	0.02	0.04	0.15	0.51	100.0	0	92	

NO0039R Kaarvatn Norway

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.02	0.02	0.01	2.53	0.00	0.00	0.01	0.07	0.12	100.0	36	92	
Cl-	0.12	0.27	0.04	4.26	0.01	0.01	0.03	0.44	1.89	100.0	40	92	
Mg++	0.02	0.02	0.01	2.41	0.00	0.00	0.00	0.05	0.13	100.0	48	92	
NO2	0.22	0.11	0.19	1.74	0.04	0.07	0.19	0.44	0.48	100.0	0	92	
K+	0.03	0.02	0.03	2.00	0.00	0.00	0.03	0.07	0.10	100.0	7	92	
Na+	0.14	0.18	0.07	3.38	0.00	0.01	0.09	0.46	1.16	100.0	4	92	
SO4--	0.16	0.12	0.13	2.17	0.00	0.04	0.13	0.39	0.72	100.0	1	92	
SO2	0.03	0.03	0.02	2.26	0.01	0.01	0.01	0.07	0.19	100.0	48	92	
NH3+NH4+	0.81	0.69	0.52	2.95	0.03	0.05	0.59	2.34	3.08	100.0	0	92	
HNO3+NO3	0.06	0.10	0.04	1.98	0.01	0.02	0.04	0.13	0.98	100.0	0	92	

NO0039R Kaarvatn Norway

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.01	0.03	0.01	2.06	0.00	0.00	0.00	0.03	0.22	100.0	76	91	
Cl-	0.06	0.17	0.02	3.18	0.00	0.01	0.01	0.27	1.16	100.0	72	91	
Mg++	0.01	0.01	0.01	1.80	0.00	0.00	0.00	0.02	0.08	100.0	81	91	
NO2	0.38	0.28	0.26	2.83	0.01	0.01	0.30	0.90	1.36	100.0	7	91	
K+	0.02	0.02	0.01	2.45	0.00	0.00	0.01	0.05	0.13	100.0	44	91	
Na+	0.05	0.10	0.02	3.50	0.00	0.00	0.02	0.20	0.68	100.0	27	91	
SO4--	0.16	0.19	0.09	3.07	0.00	0.01	0.09	0.62	0.89	100.0	3	91	
SO2	0.04	0.11	0.02	2.67	0.01	0.01	0.01	0.13	1.00	100.0	52	91	
NH3+NH4+	0.90	1.07	0.47	3.23	0.03	0.08	0.40	2.79	5.57	98.9	0	90	
HNO3+NO3	0.06	0.14	0.03	2.36	0.01	0.01	0.03	0.12	1.18	98.9	0	90	

NO0041R Osen Norway

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.01	0.01	0.01	1.79	0.00	0.00	0.00	0.03	0.05	100.0	54	91	
Cl-	0.22	0.31	0.08	4.80	0.01	0.01	0.12	0.86	1.53	100.0	17	91	
Mg++	0.02	0.02	0.01	2.54	0.00	0.00	0.01	0.06	0.12	100.0	35	91	
NO2	0.59	0.38	0.47	2.12	0.01	0.13	0.46	1.29	1.74	100.0	1	91	
K+	0.02	0.02	0.01	2.19	0.00	0.00	0.01	0.04	0.12	100.0	24	91	
Na+	0.19	0.19	0.11	3.25	0.00	0.01	0.13	0.57	1.08	100.0	0	91	
SO4--	0.12	0.12	0.08	2.59	0.00	0.02	0.06	0.40	0.67	100.0	3	91	
SO2	0.04	0.05	0.02	2.51	0.01	0.01	0.02	0.14	0.27	100.0	51	91	
NH3+NH4+	0.09	0.07	0.07	1.96	0.03	0.03	0.07	0.25	0.33	100.0	0	91	
HNO3+NO3	0.07	0.06	0.05	2.11	0.01	0.02	0.05	0.17	0.30	100.0	0	91	

NO0041R Osen Norway

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.04	0.04	0.03	2.77	0.00	0.00	0.03	0.12	0.19	97.8	14	90	
Cl-	0.13	0.23	0.04	4.48	0.01	0.01	0.03	0.57	1.61	97.8	40	90	
Mg++	0.02	0.02	0.01	2.50	0.00	0.00	0.00	0.05	0.11	97.8	48	90	
NO2	0.31	0.17	0.27	1.83	0.04	0.08	0.27	0.59	1.09	98.9	0	91	
K+	0.03	0.02	0.02	2.20	0.00	0.00	0.02	0.08	0.09	97.8	10	90	
Na+	0.15	0.17	0.08	3.54	0.00	0.00	0.08	0.44	0.93	97.8	8	90	
SO4--	0.30	0.31	0.19	2.81	0.00	0.04	0.17	1.00	1.29	97.8	2	90	
SO2	0.05	0.06	0.03	2.54	0.01	0.01	0.03	0.12	0.42	97.8	31	90	
NH3+NH4+	0.35	0.27	0.27	2.06	0.03	0.08	0.26	0.92	1.30	97.8	0	90	
HNO3+NO3	0.08	0.07	0.06	2.06	0.02	0.02	0.05	0.23	0.37	97.8	0	90	

NO0041R Osen Norway

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.03	0.05	0.01	2.74	0.00	0.00	0.01	0.08	0.34	81.5	31	75	
Cl-	0.05	0.13	0.02	2.97	0.01	0.01	0.01	0.16	0.75	82.6	50	76	
Mg++	0.01	0.01	0.01	2.03	0.00	0.00	0.00	0.03	0.08	81.5	56	75	
NO2	0.24	0.14	0.20	2.15	0.01	0.04	0.22	0.48	0.67	100.0	3	92	
K+	0.04	0.04	0.04	1.99	0.00	0.01	0.04	0.12	0.21	81.5	2	75	
Na+	0.08	0.11	0.03	4.04	0.00	0.00	0.05	0.29	0.49	81.5	18	75	
SO4--	0.22	0.34	0.11	3.42	0.00	0.00	0.11	0.77	2.37	82.6	5	76	
SO2	0.02	0.03	0.02	2.12	0.01	0.01	0.01	0.06	0.25	82.6	52	76	
NH3+NH4+	0.32	0.26	0.24	2.34	0.03	0.03	0.26	0.70	1.80	81.5	0	75	
HNO3+NO3	0.06	0.07	0.04	2.13	0.02	0.02	0.03	0.20	0.37	82.6	0	76	

NO0041R Osen Norway

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.03	0.04	0.01	2.96	0.00	0.00	0.00	0.09	0.24	100.0	46	91	
Cl-	0.11	0.28	0.02	4.25	0.01	0.01	0.01	0.60	1.78	100.0	63	91	
Mg++	0.01	0.02	0.01	2.21	0.00	0.00	0.00	0.04	0.11	100.0	67	91	
NO2	0.34	0.28	0.24	2.66	0.01	0.01	0.29	0.66	1.91	100.0	5	91	
K+	0.04	0.05	0.03	2.77	0.00	0.00	0.03	0.12	0.27	100.0	15	91	
Na+	0.11	0.15	0.05	3.42	0.00	0.00	0.06	0.43	0.92	100.0	8	91	
SO4--	0.33	0.38	0.17	3.70	0.00	0.01	0.18	1.18	2.01	100.0	3	91	
SO2	0.06	0.05	0.04	2.46	0.01	0.01	0.04	0.15	0.26	98.9	22	90	
NH3+NH4+	0.38	0.38	0.28	2.24	0.03	0.09	0.25	1.01	2.21	100.0	0	91	
HNO3+NO3	0.11	0.17	0.06	2.71	0.02	0.02	0.04	0.37	1.28	98.9	0	90	

NO0042R Zeppelin, Spitsbergen Norway

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.02	0.03	0.01	2.91	0.00	0.00	0.01	0.09	0.11	90.1	33	82	
Cl-	0.47	0.47	0.26	3.59	0.01	0.01	0.34	1.08	2.40	90.1	9	82	
Mg++	0.04	0.04	0.03	2.97	0.00	0.00	0.03	0.10	0.24	90.1	18	82	
K+	0.01	0.01	0.01	2.14	0.00	0.00	0.01	0.03	0.08	90.1	42	82	
Na+	0.30	0.26	0.19	3.16	0.00	0.02	0.23	0.66	1.30	90.1	3	82	
SO4--	0.20	0.12	0.16	2.13	0.00	0.04	0.20	0.41	0.55	90.1	4	82	
SO2	0.32	0.55	0.14	3.91	0.01	0.01	0.16	1.06	3.68	90.1	8	82	
NH3+NH4+	0.09	0.05	0.08	1.63	0.02	0.03	0.08	0.18	0.29	90.1	0	82	
HNO3+NO3	0.03	0.01	0.02	1.60	0.01	0.01	0.02	0.05	0.07	90.1	0	82	

NO0042R Zeppelin, Spitsbergen Norway

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.03	0.02	0.02	2.73	0.00	0.00	0.02	0.08	0.12	95.7	27	88	
Cl-	0.29	0.55	0.10	4.55	0.01	0.01	0.11	0.96	4.07	95.7	17	88	
Mg++	0.03	0.05	0.02	3.18	0.00	0.00	0.02	0.11	0.36	95.7	34	88	
K+	0.02	0.03	0.01	2.42	0.00	0.00	0.00	0.04	0.31	95.7	46	88	
Na+	0.22	0.31	0.09	4.27	0.00	0.00	0.11	0.69	2.25	95.7	9	88	
SO4--	0.27	0.20	0.19	2.87	0.00	0.02	0.23	0.66	0.92	95.7	3	88	
SO2	0.19	0.27	0.08	3.67	0.01	0.01	0.06	0.73	1.31	100.0	17	92	
NH3+NH4+	0.12	0.07	0.10	1.81	0.03	0.03	0.10	0.24	0.41	95.7	0	88	
HNO3+NO3	0.03	0.01	0.03	1.43	0.02	0.02	0.03	0.05	0.09	95.7	0	88	

NO0042R Zeppelin, Spitsbergen Norway

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.02	0.04	0.01	2.62	0.00	0.00	0.00	0.06	0.40	100.0	47	92	
Cl-	0.21	0.35	0.06	5.47	0.01	0.01	0.05	0.71	1.74	100.0	35	92	
Mg++	0.02	0.03	0.01	2.73	0.00	0.00	0.00	0.06	0.16	100.0	46	92	
K+	0.01	0.01	0.01	1.89	0.00	0.00	0.00	0.03	0.05	100.0	73	92	
Na+	0.15	0.22	0.06	4.70	0.00	0.00	0.07	0.50	1.20	100.0	16	92	
SO4--	0.09	0.08	0.06	2.81	0.00	0.00	0.07	0.20	0.52	100.0	7	92	
SO2	0.04	0.02	0.04	1.84	0.01	0.01	0.04	0.08	0.10	100.0	27	92	
NH3+NH4+	0.12	0.07	0.10	1.69	0.03	0.03	0.11	0.22	0.57	100.0	0	92	
HNO3+NO3	0.03	0.01	0.03	1.47	0.02	0.02	0.02	0.05	0.11	100.0	0	92	

NO0042R Zeppelin, Spitsbergen Norway

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.02	0.06	0.01	2.68	0.00	0.00	0.00	0.05	0.46	98.9	67	90	
Cl-	0.27	0.54	0.07	5.51	0.01	0.01	0.08	0.91	3.99	100.0	31	91	
Mg++	0.02	0.04	0.01	2.93	0.00	0.00	0.00	0.09	0.26	98.9	55	90	
K+	0.01	0.01	0.01	1.79	0.00	0.00	0.00	0.03	0.08	98.9	73	90	
Na+	0.18	0.29	0.07	4.56	0.00	0.00	0.09	0.61	2.22	98.9	14	90	
SO4--	0.05	0.05	0.03	3.08	0.00	0.00	0.04	0.16	0.26	100.0	17	91	
SO2	0.03	0.03	0.03	1.96	0.01	0.01	0.01	0.07	0.23	100.0	52	91	
NH3+NH4+	0.11	0.08	0.09	1.83	0.03	0.03	0.09	0.31	0.41	95.6	0	87	
HNO3+NO3	0.03	0.04	0.02	1.46	0.02	0.02	0.02	0.04	0.35	96.7	0	88	

NO0055R Karasjok Norway

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.01	0.01	0.01	1.85	0.00	0.00	0.00	0.03	0.05	98.9	51	90	
Cl-	0.28	0.38	0.09	5.46	0.01	0.01	0.10	0.94	1.86	98.9	14	90	
Mg++	0.02	0.03	0.01	2.77	0.00	0.00	0.01	0.07	0.14	98.9	27	90	
NO2	0.51	0.45	0.41	1.87	0.10	0.14	0.41	0.92	3.35	100.0	0	91	
K+	0.02	0.03	0.01	2.28	0.00	0.00	0.00	0.04	0.30	98.9	44	90	
Na+	0.21	0.22	0.11	3.74	0.00	0.00	0.12	0.56	1.19	98.9	4	90	
SO4--	0.23	0.24	0.13	3.44	0.00	0.00	0.14	0.79	1.26	98.9	3	90	
SO2	0.37	0.78	0.09	5.01	0.01	0.01	0.08	2.14	4.09	98.9	12	90	
NH3+NH4+	0.23	0.13	0.19	1.91	0.03	0.04	0.20	0.45	0.67	97.8	0	89	
HNO3+NO3	0.04	0.02	0.04	1.54	0.02	0.02	0.04	0.07	0.11	98.9	0	90	

NO0055R Karasjok Norway

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.04	0.06	0.02	2.87	0.00	0.00	0.02	0.10	0.50	100.0	24	92	
Cl-	0.41	0.44	0.15	5.70	0.01	0.01	0.26	1.28	1.78	100.0	19	92	
Mg++	0.04	0.03	0.02	2.87	0.00	0.00	0.03	0.11	0.13	100.0	24	92	
NO2	0.18	0.17	0.12	2.70	0.01	0.01	0.13	0.45	1.23	100.0	8	92	
K+	0.02	0.03	0.01	2.61	0.00	0.00	0.01	0.06	0.21	100.0	37	92	
Na+	0.31	0.26	0.19	3.20	0.00	0.02	0.23	0.85	1.11	100.0	3	92	
SO4--	0.32	0.25	0.22	2.96	0.00	0.04	0.24	0.74	1.09	100.0	3	92	
SO2	0.39	0.98	0.09	4.76	0.01	0.01	0.05	1.82	5.80	100.0	15	92	
NH3+NH4+	0.36	0.24	0.29	1.97	0.05	0.08	0.31	0.78	1.29	100.0	0	92	
HNO3+NO3	0.05	0.04	0.04	1.80	0.02	0.02	0.04	0.12	0.28	100.0	0	92	

NO0055R Karasjok Norway

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.01	0.04	0.01	2.25	0.00	0.00	0.00	0.03	0.33	100.0	61	92	
Cl-	0.19	0.35	0.05	5.04	0.01	0.01	0.04	0.77	2.41	100.0	34	92	
Mg++	0.02	0.03	0.01	2.80	0.00	0.00	0.01	0.07	0.18	100.0	42	92	
NO2	0.14	0.12	0.09	3.07	0.01	0.01	0.11	0.36	0.49	100.0	22	92	
K+	0.02	0.02	0.01	2.59	0.00	0.00	0.02	0.06	0.11	100.0	37	92	
Na+	0.19	0.23	0.10	3.28	0.00	0.01	0.10	0.59	1.60	100.0	4	92	
SO4--	0.27	0.30	0.17	2.77	0.00	0.04	0.18	0.82	1.94	100.0	1	92	
SO2	0.27	0.60	0.08	4.43	0.01	0.01	0.06	1.29	4.52	100.0	20	92	
NH3+NH4+	0.71	0.95	0.37	3.24	0.03	0.05	0.36	2.97	4.77	100.0	0	92	
HNO3+NO3	0.20	0.60	0.05	3.20	0.01	0.02	0.04	1.12	3.99	100.0	0	92	

NO0055R Karasjok Norway

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
Ca++	0.01	0.02	0.01	2.33	0.00	0.00	0.00	0.05	0.13	100.0	68	91	
Cl-	0.10	0.27	0.03	4.18	0.01	0.01	0.01	0.42	1.77	100.0	59	91	
Mg++	0.01	0.02	0.01	2.04	0.00	0.00	0.00	0.03	0.12	100.0	72	91	
NO2	0.20	0.22	0.13	3.03	0.01	0.01	0.16	0.52	1.68	97.8	13	89	
K+	0.03	0.04	0.02	2.81	0.00	0.00	0.02	0.11	0.21	100.0	29	91	
Na+	0.09	0.15	0.04	3.69	0.00	0.00	0.05	0.22	0.97	100.0	15	91	
SO4--	0.29	0.32	0.15	3.59	0.00	0.02	0.17	1.00	1.61	100.0	3	91	
SO2	0.24	0.99	0.05	3.81	0.01	0.01	0.04	0.64	8.92	100.0	22	91	
NH3+NH4+	0.76	0.86	0.50	2.61	0.03	0.07	0.49	2.02	6.38	100.0	0	91	
HNO3+NO3	0.05	0.08	0.04	1.95	0.02	0.02	0.03	0.12	0.77	100.0	0	91	

PL0002R Jarczew Poland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.61	1.13	1.23	2.29	0.08	0.30	1.37	3.95	5.93	94.5	0	86	
NO3-	0.70	0.39	0.57	2.18	0.03	0.06	0.64	1.42	1.72	94.5	0	86	
NO2	3.46	1.48	3.19	1.50	1.10	1.80	3.30	5.96	9.90	90.1	0	82	
SO4--	1.73	0.82	1.56	1.62	0.27	0.70	1.53	3.24	4.79	94.5	0	86	
SO2	4.34	2.08	3.84	1.68	1.00	1.50	4.05	7.57	11.00	95.6	0	87	
NH3+NH4+	2.14	1.09	1.90	1.65	0.49	0.80	1.96	3.97	6.01	95.6	0	87	
HNO3+NO3	0.91	0.44	0.79	1.82	0.13	0.19	0.88	1.71	1.92	95.6	0	87	

PL0002R Jarczew Poland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.31	0.66	1.10	1.96	0.08	0.28	1.27	2.30	2.87	97.8	0	90	
NO3-	0.52	0.34	0.43	1.91	0.08	0.12	0.43	1.05	1.95	94.6	0	87	
NO2	2.33	0.88	2.16	1.48	0.70	1.10	2.20	4.05	4.80	96.7	0	89	
SO4--	1.44	0.71	1.22	1.94	0.10	0.30	1.38	2.56	3.25	97.8	1	90	
SO2	1.55	1.08	1.23	1.99	0.30	0.40	1.30	3.70	5.30	97.8	0	90	
NH3+NH4+	2.30	1.02	2.07	1.63	0.42	0.88	2.05	3.99	5.05	97.8	0	90	
HNO3+NO3	0.71	0.43	0.60	1.80	0.17	0.18	0.68	1.58	2.24	94.6	0	87	

PL0002R Jarczew Poland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.16	0.54	1.05	1.57	0.43	0.50	1.03	2.22	2.93	100.0	0	92	
NO3-	0.42	0.22	0.37	1.69	0.10	0.15	0.39	0.85	1.18	100.0	0	92	
NO2	2.91	0.88	2.78	1.36	1.20	1.65	2.90	4.49	5.10	98.9	0	91	
SO4--	1.49	0.68	1.32	1.76	0.10	0.52	1.47	2.69	4.12	100.0	0	92	
SO2	1.55	0.72	1.38	1.63	0.30	0.50	1.40	2.80	4.10	100.0	0	92	
NH3+NH4+	1.73	1.04	1.51	1.65	0.51	0.65	1.46	3.62	7.66	100.0	0	92	
HNO3+NO3	0.51	0.22	0.46	1.57	0.12	0.20	0.47	0.89	1.20	100.0	0	92	

PL0002R Jarczew Poland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.74	1.12	1.34	2.25	0.19	0.22	1.58	3.68	4.87	98.9	0	90	
NO3-	0.70	0.48	0.48	2.98	0.01	0.04	0.62	1.52	2.16	98.9	2	90	
NO2	2.80	1.27	2.48	1.70	0.40	0.95	2.85	5.03	5.70	100.0	0	91	
SO4--	1.59	0.76	1.39	1.77	0.10	0.55	1.42	2.90	3.56	98.9	0	90	
SO2	1.86	1.37	1.36	2.37	0.10	0.30	1.40	4.55	5.80	98.9	1	90	
NH3+NH4+	2.70	1.38	2.33	1.78	0.67	0.76	2.55	5.03	6.03	100.0	0	91	
HNO3+NO3	0.88	0.50	0.71	2.11	0.06	0.16	0.85	1.77	2.21	100.0	0	91	

PL0003R Sniezka Poland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.36	0.25	0.30	1.81	0.11	0.12	0.27	0.92	1.24	100.0	0	91	
NO3-	0.15	0.10	0.13	1.79	0.03	0.06	0.11	0.36	0.49	100.0	0	91	
NO2	1.52	0.49	1.44	1.42	0.50	0.70	1.50	2.24	3.20	100.0	0	91	
SO4--	0.59	0.42	0.46	2.03	0.10	0.10	0.47	1.41	2.19	100.0	1	91	
SO2	1.67	0.66	1.53	1.55	0.40	0.70	1.60	2.74	3.30	100.0	0	91	
NH3+NH4+	0.53	0.37	0.44	1.81	0.16	0.20	0.38	1.25	1.89	100.0	0	91	
HNO3+NO3	0.19	0.11	0.17	1.70	0.05	0.08	0.15	0.40	0.57	100.0	0	91	

PL0003R Sniezka Poland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.58	0.37	0.48	1.88	0.13	0.16	0.54	1.28	2.27	100.0	0	92	
NO3-	0.23	0.12	0.21	1.69	0.06	0.08	0.22	0.40	0.77	100.0	0	92	
NO2	1.00	0.43	0.89	1.67	0.20	0.30	1.00	1.74	2.10	100.0	0	92	
SO4--	0.73	0.40	0.61	1.96	0.10	0.10	0.66	1.45	1.95	100.0	3	92	
SO2	1.06	0.43	0.97	1.58	0.30	0.40	1.00	1.78	2.20	100.0	0	92	
NH3+NH4+	0.90	0.57	0.75	1.83	0.19	0.24	0.76	2.08	3.25	100.0	0	92	
HNO3+NO3	0.30	0.15	0.26	1.71	0.06	0.09	0.29	0.54	0.86	100.0	0	92	

PL0003R Sniezka Poland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.77	0.53	0.59	2.22	0.08	0.13	0.63	1.80	2.17	100.0	0	92	
NO3-	0.30	0.11	0.28	1.50	0.09	0.15	0.29	0.49	0.53	100.0	0	92	
NO2	1.05	0.43	0.97	1.53	0.30	0.46	1.00	1.84	2.10	100.0	0	92	
SO4--	0.86	0.50	0.70	2.05	0.10	0.10	0.74	1.73	2.18	100.0	0	92	
SO2	0.99	0.44	0.90	1.59	0.30	0.40	0.90	1.80	2.40	100.0	0	92	
NH3+NH4+	1.22	0.70	1.01	1.92	0.19	0.25	1.10	2.63	3.07	100.0	0	92	
HNO3+NO3	0.38	0.13	0.35	1.46	0.15	0.18	0.37	0.58	0.70	100.0	0	92	

PL0003R Sniezka Poland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.57	0.32	0.47	1.90	0.10	0.13	0.53	1.14	1.51	100.0	0	91	
NO3-	0.18	0.10	0.16	1.77	0.04	0.06	0.17	0.38	0.58	100.0	0	91	
NO2	1.22	0.47	1.12	1.50	0.40	0.50	1.10	2.00	2.60	100.0	0	91	
SO4--	0.70	0.40	0.58	1.98	0.10	0.10	0.61	1.42	1.63	100.0	2	91	
SO2	1.23	0.48	1.14	1.51	0.30	0.60	1.10	2.10	2.40	100.0	0	91	
NH3+NH4+	0.81	0.40	0.70	1.77	0.15	0.21	0.75	1.49	1.88	100.0	0	91	
HNO3+NO3	0.23	0.12	0.20	1.71	0.06	0.06	0.22	0.42	0.72	100.0	0	91	

PL0004R Leba Poland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.65	0.58	0.37	3.59	0.03	0.03	0.50	1.56	3.04	95.6	1	87	
NO3-	0.48	0.38	0.33	2.62	0.03	0.07	0.41	1.24	1.81	95.6	0	87	
NO2	1.67	0.88	1.41	1.89	0.20	0.44	1.50	3.10	4.50	95.6	0	87	
SO4--	0.89	0.48	0.74	1.99	0.10	0.17	0.87	1.72	2.21	95.6	1	87	
SO2	1.28	1.34	0.89	2.34	0.10	0.20	0.80	3.85	8.80	95.6	3	87	
NH3+NH4+	0.86	0.62	0.63	2.44	0.03	0.12	0.73	1.97	3.17	95.6	0	87	
HNO3+NO3	0.62	0.44	0.45	2.38	0.05	0.09	0.51	1.50	1.84	95.6	0	87	

PL0004R Leba Poland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.01	0.86	0.62	3.27	0.03	0.03	0.77	2.44	4.38	100.0	0	92	
NO3-	0.46	0.45	0.31	2.46	0.03	0.07	0.31	1.45	2.44	100.0	0	92	
NO2	1.25	0.53	1.14	1.58	0.40	0.46	1.20	2.24	2.50	98.9	0	91	
SO4--	1.11	0.53	0.94	1.90	0.10	0.24	1.08	1.96	2.48	100.0	2	92	
SO2	1.07	0.82	0.80	2.30	0.10	0.10	0.90	2.84	4.10	100.0	4	92	
NH3+NH4+	1.45	0.89	1.18	1.95	0.21	0.35	1.30	3.11	4.42	100.0	0	92	
HNO3+NO3	0.61	0.50	0.45	2.23	0.06	0.11	0.44	1.58	2.47	100.0	0	92	

PL0004R Leba Poland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.91	0.54	0.77	1.80	0.19	0.24	0.74	1.93	2.39	100.0	0	92	
NO3-	0.32	0.20	0.26	1.91	0.03	0.09	0.26	0.69	0.92	100.0	0	92	
NO2	1.08	0.39	1.00	1.46	0.40	0.50	1.00	1.70	2.10	100.0	0	92	
SO4--	1.09	0.63	0.89	2.01	0.10	0.21	0.97	2.28	2.81	100.0	2	92	
SO2	0.88	0.43	0.79	1.60	0.20	0.40	0.80	1.56	2.70	95.7	0	88	
NH3+NH4+	1.38	0.73	1.22	1.66	0.37	0.52	1.16	2.70	3.82	100.0	0	92	
HNO3+NO3	0.42	0.21	0.38	1.64	0.11	0.19	0.35	0.84	0.99	100.0	0	92	

PL0004R Leba Poland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	1.38	0.96	1.07	2.19	0.08	0.28	1.16	3.16	4.62	100.0	0	91	
NO3-	0.69	0.46	0.49	2.59	0.03	0.07	0.56	1.39	2.07	100.0	0	91	
NO2	2.33	1.09	2.07	1.68	0.30	0.80	2.20	4.50	5.70	100.0	0	91	
SO4--	1.37	0.74	1.17	1.83	0.10	0.45	1.15	2.76	3.37	100.0	0	91	
SO2	1.70	1.35	1.26	2.33	0.10	0.25	1.30	4.18	7.00	100.0	3	91	
NH3+NH4+	1.80	1.02	1.52	1.82	0.31	0.49	1.61	3.84	5.04	98.9	0	90	
HNO3+NO3	0.80	0.49	0.60	2.39	0.06	0.10	0.75	1.62	2.15	98.9	0	90	

PL0005R Diabla Gora Poland

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.98	1.73	1.30	2.72	0.06	0.27	1.48	5.29	9.04	100.0	0	91	
SO4--	0.76	0.79	0.43	3.35	0.03	0.03	0.47	2.73	3.65	96.7	0	88	
SO2	2.32	2.27	1.55	2.49	0.19	0.31	1.50	6.58	11.63	98.9	0	90	
NH3+NH4+	1.07	0.98	0.61	3.69	0.01	0.03	0.82	3.00	4.64	100.0	2	91	
HNO3+NO3	0.57	0.38	0.45	2.03	0.10	0.13	0.49	1.34	1.84	98.9	0	90	

PL0005R Diabla Gora Poland

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.65	0.32	0.58	1.64	0.17	0.23	0.56	1.32	1.63	81.5	0	75	
SO4--	0.47	0.51	0.24	3.87	0.02	0.02	0.33	1.48	2.53	90.2	0	83	
SO2	0.78	0.70	0.50	3.05	0.01	0.07	0.56	2.51	3.11	90.2	3	83	
NH3+NH4+	1.30	0.83	0.99	2.32	0.09	0.15	1.17	2.69	3.61	90.2	0	83	
HNO3+NO3	0.29	0.24	0.23	1.89	0.08	0.09	0.23	0.71	1.67	90.2	0	83	

PL0005R Diabla Gora Poland

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.39	0.11	0.38	1.36	0.15	0.21	0.37	0.59	0.69	95.7	0	88	
SO4--	0.71	0.46	0.58	1.95	0.08	0.17	0.56	1.69	2.71	100.0	0	92	
SO2	0.36	0.28	0.28	2.04	0.05	0.08	0.27	0.82	1.51	98.9	0	91	
NH3+NH4+	1.24	0.49	1.10	1.98	0.00	0.60	1.17	2.14	2.60	100.0	1	92	
HNO3+NO3	0.29	0.12	0.27	1.53	0.10	0.12	0.28	0.48	0.66	100.0	0	92	

PL0005R Diabla Gora Poland

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.86	0.50	0.73	1.81	0.21	0.29	0.68	1.72	2.19	97.8	0	89	
SO4--	1.01	0.75	0.74	2.40	0.05	0.12	0.85	2.68	3.33	100.0	0	91	
SO2	1.00	0.83	0.75	2.18	0.14	0.20	0.74	2.61	4.16	97.8	0	89	
NH3+NH4+	1.86	0.81	1.68	1.59	0.58	0.68	1.73	3.47	3.85	100.0	0	91	
HNO3+NO3	0.66	0.43	0.56	1.76	0.14	0.24	0.51	1.57	2.28	97.8	0	89	

RU0001R Janiskoski Russian Federation

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.24	0.16	0.19	1.89	0.03	0.06	0.20	0.57	0.84	91.2	21	83	
NO3-	0.05	0.04	0.04	2.14	0.01	0.01	0.04	0.10	0.21	91.2	12	83	
SO4--	0.31	0.29	0.21	2.51	0.01	0.06	0.19	0.99	1.26	91.2	3	83	
SO2	1.27	4.47	0.21	6.56	0.00	0.00	0.06	5.39	33.30	91.2	39	83	

RU0001R Janiskoski Russian Federation

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.18	0.09	0.16	1.88	0.02	0.05	0.19	0.31	0.33	35.9	11	33	
NO3-	0.04	0.03	0.03	2.12	0.01	0.01	0.03	0.10	0.11	35.9	6	33	
SO4--	0.35	0.23	0.27	2.20	0.05	0.06	0.28	0.75	0.79	35.9	0	33	
SO2	1.57	3.78	0.17	7.49	0.00	0.00	0.06	10.88	14.30	35.9	15	33	

RU0001R Janiskoski Russian Federation

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.24	0.16	0.19	2.04	0.00	0.04	0.20	0.55	0.71	94.6	22	87	
NO3-	0.05	0.04	0.05	2.02	0.00	0.00	0.04	0.11	0.21	94.6	13	87	
SO4--	0.35	0.33	0.25	2.37	0.00	0.05	0.25	1.02	1.75	94.6	1	87	
SO2	1.39	2.62	0.34	6.31	0.00	0.00	0.16	6.35	16.39	94.6	22	87	

RU0001R Janiskoski Russian Federation

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.26	0.24	0.18	2.40	0.02	0.04	0.18	0.76	1.29	100.0	29	91	
NO3-	0.06	0.06	0.05	2.32	0.00	0.01	0.04	0.17	0.33	100.0	15	91	
SO4--	0.41	0.46	0.26	2.71	0.00	0.04	0.26	1.42	2.72	100.0	2	91	
SO2	0.71	1.40	0.22	5.49	0.00	0.00	0.12	4.07	6.73	100.0	32	91	

RU0016R Shepeljovo Russian Federation

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.22	0.20	0.16	2.37	0.02	0.04	0.16	0.64	0.96	85.7	0	78	
SO4--	0.28	0.32	0.19	2.85	0.00	0.01	0.17	1.18	1.38	85.7	3	78	
SO2	1.52	1.12	1.16	2.23	0.06	0.29	1.10	4.25	4.96	86.8	0	79	

RU0016R Shepeljovo Russian Federation

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.52	0.43	0.38	2.29	0.04	0.10	0.43	1.38	2.20	96.7	0	89	
SO4--	0.16	0.12	0.14	1.87	0.00	0.04	0.13	0.41	0.65	96.7	1	89	
SO2	0.94	0.87	0.65	2.46	0.05	0.15	0.67	2.58	5.32	96.7	0	89	

RU0016R Shepeljovo Russian Federation

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.47	0.29	0.38	2.15	0.03	0.07	0.47	0.99	1.67	91.3	0	84	
SO4--	0.15	0.12	0.13	1.86	0.00	0.03	0.14	0.28	1.06	91.3	1	84	
SO2	0.41	0.37	0.29	2.33	0.02	0.07	0.29	1.04	2.21	91.3	0	84	

RU0016R Shepeljovo Russian Federation

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.50	0.37	0.39	2.22	0.00	0.07	0.44	1.25	2.05	98.9	1	90	
SO4--	0.14	0.10	0.13	1.87	0.00	0.01	0.11	0.34	0.54	98.9	4	90	
SO2	0.42	0.45	0.27	2.64	0.03	0.04	0.26	1.35	2.48	98.9	0	90	

RU0018R Danki Russian Federation

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.88	0.67	0.67	2.19	0.08	0.15	0.65	1.93	3.65	72.5	4	66	
NO3-	0.19	0.14	0.16	1.95	0.00	0.05	0.14	0.43	0.71	72.5	1	66	
SO4--	0.78	0.70	0.54	2.53	0.00	0.08	0.45	2.00	3.48	72.5	1	66	
SO2	0.70	0.70	0.46	2.61	0.07	0.08	0.48	2.13	3.10	72.5	1	66	

RU0018R Danki Russian Federation

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.75	0.48	0.62	1.89	0.14	0.18	0.57	1.50	2.58	98.9	4	91	
NO3-	0.19	0.14	0.14	2.34	0.01	0.04	0.13	0.50	0.61	97.8	3	90	
SO4--	0.61	0.42	0.49	2.02	0.07	0.15	0.46	1.46	2.09	98.9	0	91	
SO2	0.34	0.30	0.23	2.42	0.02	0.05	0.23	0.92	1.67	98.9	9	91	

RU0018R Danki Russian Federation

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.49	0.22	0.44	1.60	0.15	0.19	0.43	0.89	1.12	98.9	3	91	
NO3-	0.07	0.04	0.06	1.87	0.01	0.02	0.06	0.14	0.23	98.9	7	91	
SO4--	0.43	0.22	0.38	1.69	0.12	0.14	0.38	0.84	1.16	98.9	0	91	
SO2	0.11	0.20	0.08	2.85	0.00	0.00	0.05	0.44	1.29	98.9	60	91	

RU0018R Danki Russian Federation

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH4+	0.59	0.42	0.48	1.94	0.07	0.17	0.46	1.23	2.49	65.9	3	60	
NO3-	0.14	0.12	0.12	1.96	0.03	0.03	0.11	0.42	0.58	65.9	0	60	
SO4--	0.54	0.41	0.40	2.17	0.06	0.10	0.37	1.27	1.76	65.9	1	60	
SO2	0.05	0.05	0.06	2.44	0.00	0.00	0.04	0.15	0.21	65.9	46	60	

SE0002R Rorvik Sweden

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.91	1.41	1.56	1.88	0.24	0.49	1.47	4.76	8.10	84.6	0	77	
SO4--	0.47	0.41	0.31	2.84	0.02	0.03	0.38	1.39	1.86	84.6	0	77	
SO2	0.37	0.22	0.31	1.79	0.07	0.12	0.34	0.74	1.50	84.6	0	77	
NH3+NH4+	0.51	0.65	0.28	3.08	0.02	0.02	0.26	1.84	3.53	84.6	10	77	
HNO3+NO3	0.52	0.55	0.32	2.84	0.02	0.05	0.32	1.38	2.78	84.6	7	77	
SPM	1.1	0.9	0.9	1.7	0.7	0.7	0.7	3.1	5.4	81.3	64	74	

SE0002R Rorvik Sweden

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.36	0.75	1.16	1.78	0.18	0.47	1.24	2.83	3.67	97.8	0	90	
SO4--	0.73	0.45	0.59	2.01	0.06	0.17	0.65	1.49	2.37	100.0	0	92	
SO2	0.49	0.33	0.40	2.00	0.02	0.15	0.41	1.12	1.71	100.0	1	92	
NH3+NH4+	1.01	0.97	0.61	3.36	0.02	0.02	0.74	2.71	6.12	100.0	7	92	
HNO3+NO3	0.70	0.79	0.47	2.66	0.01	0.10	0.51	1.86	5.94	100.0	6	92	
SPM	1.0	1.0	0.8	1.7	0.7	0.7	0.7	3.1	5.4	100.0	80	92	

SE0002R Rorvik Sweden

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.94	0.44	0.86	1.54	0.36	0.43	0.84	1.94	2.39	98.9	0	91	
SO4--	0.80	1.14	0.55	2.38	0.00	0.11	0.56	1.70	10.32	98.9	1	91	
SO2	0.46	0.46	0.31	2.57	0.02	0.05	0.33	1.15	3.65	98.9	4	91	
NH3+NH4+	0.75	0.78	0.55	2.25	0.02	0.19	0.56	1.96	5.98	98.9	5	91	
HNO3+NO3	0.49	0.43	0.36	2.25	0.04	0.08	0.35	1.23	3.02	98.9	2	91	
SPM	0.9	0.6	0.8	1.5	0.7	0.7	0.7	1.6	4.8	100.0	79	92	

SE0002R Rorvik Sweden

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.58	1.09	1.31	1.83	0.33	0.47	1.32	3.40	8.16	98.9	0	90	
SO4--	0.78	0.67	0.61	2.37	0.00	0.00	0.63	2.30	2.97	98.9	5	90	
SO2	0.48	0.33	0.37	2.16	0.05	0.08	0.41	1.08	1.89	97.8	0	89	
NH3+NH4+	1.12	0.94	0.79	2.43	0.06	0.19	0.78	3.06	3.94	98.9	2	90	
HNO3+NO3	0.77	0.63	0.52	2.57	0.05	0.12	0.64	2.03	2.76	97.8	0	89	
SPM	1.9	2.0	1.3	2.3	0.7	0.7	0.7	5.9	11.8	98.9	51	90	

SE0005R Bredkalen Sweden

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.22	0.21	0.15	2.48	0.03	0.03	0.14	0.58	1.27	100.0	9	91	
SO4--	0.07	0.08	0.05	2.41	0.00	0.01	0.04	0.19	0.60	98.9	1	90	
SO2	0.04	0.05	0.03	1.97	0.00	0.01	0.02	0.09	0.34	100.0	69	91	
NH3+NH4+	0.08	0.34	0.04	2.31	0.01	0.02	0.03	0.17	3.29	98.9	79	90	
HNO3+NO3	0.07	0.28	0.04	2.42	0.00	0.01	0.03	0.14	2.68	98.9	18	90	
SPM	0.7	0.0	0.7	1.0	0.7	0.7	0.7	0.7	0.7	100.0	91	91	

SE0005R Bredkalen Sweden

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.17	0.16	0.12	2.12	0.03	0.03	0.12	0.48	1.13	95.7	8	88	
SO4--	0.23	0.27	0.14	2.87	0.00	0.02	0.13	0.81	1.47	96.7	1	89	
SO2	0.04	0.05	0.03	2.03	0.02	0.02	0.02	0.13	0.36	96.7	57	89	
NH3+NH4+	0.30	0.82	0.11	3.32	0.02	0.02	0.09	0.71	5.73	96.7	46	89	
HNO3+NO3	0.17	0.48	0.06	3.30	0.00	0.01	0.04	0.93	2.82	96.7	18	89	
SPM	0.7	0.1	0.7	1.1	0.7	0.7	0.7	0.7	1.8	95.7	87	88	

SE0005R Bredkalen Sweden

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.07	0.04	0.06	1.86	0.03	0.03	0.06	0.15	0.21	98.9	39	91	
SO4--	0.15	0.16	0.11	2.54	0.00	0.01	0.10	0.47	0.87	98.9	1	91	
SO2	0.03	0.03	0.03	1.72	0.02	0.02	0.02	0.09	0.16	98.9	70	91	
NH3+NH4+	0.14	0.14	0.10	2.41	0.02	0.02	0.10	0.39	0.70	98.9	40	91	
HNO3+NO3	0.03	0.03	0.03	2.04	0.00	0.01	0.02	0.09	0.16	97.8	34	90	
SPM	0.7	0.0	0.7	1.0	0.7	0.7	0.7	0.7	0.7	100.0	92	92	

SE0005R Bredkalen Sweden

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.21	0.12	0.17	2.11	0.03	0.03	0.21	0.41	0.57	97.8	9	89	
SO4--	0.25	0.27	0.15	3.15	0.00	0.01	0.14	0.76	1.33	97.8	2	89	
SO2	0.03	0.04	0.03	1.79	0.02	0.02	0.02	0.10	0.22	96.7	74	88	
NH3+NH4+	0.26	0.31	0.15	2.97	0.02	0.03	0.15	0.93	1.51	98.9	46	90	
HNO3+NO3	0.05	0.07	0.03	2.31	0.01	0.01	0.03	0.12	0.59	95.6	23	87	
SPM	1.1	1.1	0.9	1.7	0.7	0.7	0.7	3.5	7.0	98.9	77	90	

SE0008R Hoburg Sweden

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.15	0.90	0.88	2.10	0.21	0.24	0.88	2.68	4.77	100.0	0	91	
SO2	0.39	0.48	0.22	2.89	0.02	0.02	0.22	1.37	2.83	100.0	3	91	
SPM	1.2	1.5	0.9	1.9	0.7	0.7	0.7	4.4	9.8	98.9	75	90	

SE0008R Hoburg Sweden

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.18	0.67	1.01	1.80	0.23	0.38	1.09	2.26	3.75	96.7	0	89	
SO2	0.57	0.44	0.42	2.32	0.07	0.08	0.44	1.36	2.08	100.0	0	92	
SPM	1.7	1.8	1.1	2.2	0.7	0.7	0.7	6.1	8.1	92.4	59	85	

SE0008R Hoburg Sweden

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.75	0.45	0.65	1.71	0.22	0.27	0.62	1.72	2.47	100.0	0	92	
SO2	0.44	0.31	0.34	2.19	0.02	0.10	0.32	0.95	1.39	100.0	1	92	
SPM	1.2	0.9	1.0	1.8	0.7	0.7	0.7	3.0	4.8	100.0	69	92	

SE0008R Hoburg Sweden

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.03	0.86	0.77	2.18	0.16	0.21	0.91	2.40	5.68	98.9	0	90	
SO2	0.73	0.67	0.52	2.39	0.03	0.10	0.52	2.00	4.24	100.0	1	91	
SPM	4.8	4.5	2.7	3.2	0.7	0.7	2.9	12.7	20.3	100.0	34	91	

SE0011R Vavihill Sweden

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.43	1.71	1.99	1.88	0.65	0.73	2.15	4.50	9.87	86.8	0	79	
SO4--	0.56	0.39	0.49	1.87	0.00	0.08	0.47	1.33	1.99	86.8	3	79	
SO2	0.46	0.45	0.28	3.01	0.02	0.02	0.33	1.63	2.13	86.8	4	79	
NH3+NH4+	0.86	0.71	0.59	2.65	0.02	0.10	0.61	2.44	3.21	85.7	9	78	
HNO3+NO3	0.68	0.50	0.44	3.31	0.01	0.02	0.59	1.50	2.35	86.8	7	79	
SPM	0.9	0.8	0.8	1.5	0.7	0.7	0.7	2.3	6.3	85.7	66	78	

SE0011R Vavihill Sweden

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.22	0.76	1.05	1.72	0.28	0.39	1.01	2.48	5.70	100.0	0	92	
SO4--	0.79	0.62	0.57	2.39	0.05	0.12	0.61	2.04	3.06	100.0	0	92	
SO2	0.47	0.44	0.34	2.19	0.09	0.11	0.31	1.42	2.06	100.0	0	92	
NH3+NH4+	1.69	1.00	1.39	1.96	0.28	0.33	1.44	3.42	5.16	100.0	1	92	
HNO3+NO3	0.76	0.65	0.57	2.11	0.11	0.18	0.59	1.83	4.25	100.0	0	92	
SPM	1.7	1.7	1.2	2.2	0.7	0.7	0.7	6.3	7.3	100.0	63	92	

SE0011R Vavihill Sweden

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.03	0.43	0.94	1.56	0.35	0.41	1.00	1.82	2.00	97.8	0	90	
SO4--	0.74	0.58	0.58	2.22	0.00	0.15	0.55	1.76	3.36	98.9	1	91	
SO2	0.31	0.45	0.19	2.71	0.02	0.03	0.20	0.76	3.60	97.8	10	90	
NH3+NH4+	1.11	0.68	0.90	2.03	0.05	0.25	0.94	2.60	3.34	75.0	2	69	
HNO3+NO3	0.45	0.32	0.34	2.39	0.01	0.08	0.35	1.03	1.76	97.8	1	90	
SPM	1.3	1.2	1.0	1.9	0.7	0.7	0.7	3.0	8.4	98.9	69	91	

SE0011R Vavihill Sweden

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	2.02	1.39	1.53	2.29	0.06	0.39	1.75	4.45	7.46	97.8	1	89	
SO4--	0.85	0.75	0.67	2.25	0.00	0.00	0.60	2.36	3.79	98.9	5	90	
SO2	0.55	0.56	0.32	3.28	0.02	0.03	0.37	1.75	2.49	98.9	10	90	
NH3+NH4+	1.54	1.27	1.01	3.01	0.02	0.10	1.09	4.30	5.38	98.9	19	90	
HNO3+NO3	0.82	0.81	0.41	4.27	0.01	0.01	0.55	2.27	3.87	98.9	19	90	
SPM	4.3	3.7	2.8	2.7	0.7	0.7	4.2	11.8	16.1	98.9	26	90	

SE0012R Aspvreten Sweden

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	1.15	0.94	0.92	1.91	0.21	0.25	0.92	2.69	5.27	97.8	0	89	
SO4--	0.23	0.25	0.14	3.10	0.00	0.02	0.15	0.69	1.53	98.9	2	90	
SO2	0.24	0.18	0.19	2.18	0.00	0.05	0.19	0.65	0.75	97.8	5	89	
NH3+NH4+	0.19	0.18	0.13	2.35	0.02	0.04	0.12	0.52	0.91	97.8	31	89	
HNO3+NO3	0.23	0.17	0.18	2.12	0.03	0.05	0.17	0.56	0.77	97.8	1	89	

SE0012R Aspvreten Sweden

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.51	0.17	0.49	1.41	0.19	0.26	0.50	0.86	0.95	33.7	0	31	
SO4--	0.33	0.41	0.22	2.55	0.00	0.01	0.18	1.15	1.81	33.7	1	31	
SO2	0.19	0.14	0.15	2.29	0.02	0.02	0.15	0.45	0.49	33.7	2	31	
NH3+NH4+	0.31	0.37	0.20	2.42	0.02	0.04	0.19	0.95	1.67	33.7	5	31	
HNO3+NO3	0.15	0.08	0.13	1.95	0.01	0.03	0.14	0.26	0.46	33.7	1	31	

SI0008R Iskrba Slovenia

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.85	0.83	0.55	2.72	0.05	0.10	0.58	2.60	4.05	98.9	0	90	
SO2	1.51	1.50	0.87	3.19	0.03	0.12	0.89	4.79	5.35	98.9	0	90	
NH3+NH4+	0.73	0.55	0.54	2.32	0.09	0.12	0.56	1.91	2.45	98.9	0	90	
HNO3+NO3	0.33	0.29	0.23	2.39	0.03	0.05	0.24	0.90	1.59	98.9	0	90	

SI0008R Iskrba Slovenia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.91	0.54	0.74	2.03	0.13	0.18	0.80	1.87	2.16	100.0	0	92	
SO2	0.81	0.79	0.52	2.68	0.04	0.07	0.53	2.41	4.27	100.0	0	92	
NH3+NH4+	0.98	0.59	0.81	1.94	0.17	0.23	0.84	1.96	3.00	100.0	0	92	
HNO3+NO3	0.31	0.34	0.22	2.15	0.04	0.06	0.22	0.84	2.18	100.0	0	92	

SI0008R Iskrba Slovenia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.95	0.65	0.71	2.38	0.06	0.08	0.77	2.27	3.00	100.0	0	92	
SO2	0.81	0.92	0.42	3.42	0.00	0.05	0.38	2.72	4.35	100.0	1	92	
NH3+NH4+	1.10	0.59	0.91	2.00	0.11	0.16	1.02	2.21	2.69	100.0	0	92	
HNO3+NO3	0.20	0.15	0.15	2.31	0.01	0.03	0.16	0.54	0.66	100.0	0	92	

SI0008R Iskrba Slovenia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO4--	0.86	0.84	0.50	3.05	0.06	0.08	0.56	2.52	4.03	100.0	0	91	
SO2	0.34	0.49	0.22	3.12	0.00	0.00	0.14	1.08	3.12	100.0	8	91	
NH3+NH4+	0.80	0.76	0.51	2.73	0.08	0.09	0.56	2.35	3.57	100.0	0	91	
HNO3+NO3	0.15	0.13	0.10	2.54	0.01	0.02	0.10	0.38	0.70	100.0	2	91	

SK0002R Chopok Slovakia

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.06	0.05	0.04	2.13	0.01	0.01	0.04	0.12	0.33	100.0	0	91	
HNO3	0.05	0.03	0.04	1.68	0.01	0.02	0.04	0.11	0.18	100.0	0	91	
NO2	0.92	0.29	0.88	1.35	0.40	0.56	0.90	1.40	2.00	100.0	0	91	
SO4--	0.18	0.07	0.16	1.51	0.07	0.08	0.16	0.29	0.41	100.0	0	91	
SO2	1.07	1.00	0.79	2.15	0.10	0.30	0.75	3.12	5.60	100.0	0	91	
HNO3+NO3	0.10	0.06	0.09	1.75	0.03	0.03	0.09	0.18	0.38	100.0	0	91	

SK0002R Chopok Slovakia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.09	0.05	0.08	1.92	0.02	0.02	0.09	0.19	0.27	97.8	0	90	
HNO3	0.04	0.03	0.04	1.58	0.02	0.02	0.04	0.08	0.20	98.9	0	91	
NO2	1.44	0.62	1.33	1.51	0.40	0.70	1.30	2.35	3.80	98.9	0	91	
SO4--	0.22	0.21	0.16	2.08	0.07	0.07	0.13	0.59	1.22	97.8	0	90	
SO2	0.44	0.27	0.37	1.84	0.10	0.10	0.35	0.90	1.30	98.9	0	91	
HNO3+NO3	0.14	0.07	0.12	1.68	0.04	0.05	0.13	0.25	0.39	97.8	0	90	

SK0002R Chopok Slovakia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.03	0.04	0.03	1.77	0.02	0.02	0.02	0.09	0.30	93.5	0	86	
HNO3	0.04	0.03	0.03	1.85	0.01	0.02	0.03	0.13	0.19	93.5	0	86	
NO2	1.37	0.46	1.30	1.35	0.70	0.80	1.30	2.04	3.10	91.3	0	84	
SO4--	0.11	0.12	0.09	1.68	0.07	0.07	0.07	0.26	0.77	93.5	0	86	
SO2	0.32	0.22	0.28	1.55	0.20	0.20	0.20	0.60	1.80	93.5	0	86	
HNO3+NO3	0.07	0.07	0.06	1.74	0.03	0.04	0.05	0.18	0.42	93.5	0	86	

SK0002R Chopok Slovakia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.16	0.11	0.12	2.36	0.02	0.02	0.12	0.37	0.55	100.0	0	91	
HNO3	0.08	0.05	0.07	1.71	0.03	0.03	0.08	0.17	0.31	100.0	0	91	
NO2	0.97	0.44	0.87	1.60	0.20	0.35	0.90	1.90	2.40	100.0	0	91	
SO4--	0.43	0.38	0.31	2.22	0.06	0.08	0.27	1.08	1.96	100.0	0	91	
SO2	1.29	1.25	0.93	2.18	0.30	0.30	0.80	4.17	7.20	100.0	0	91	
HNO3+NO3	0.24	0.14	0.20	1.95	0.05	0.06	0.22	0.53	0.65	100.0	0	91	

SK0004R Stara Lesna Slovakia

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.30	0.18	0.26	1.73	0.05	0.10	0.27	0.63	1.09	98.9	0	90	
HNO3	0.09	0.07	0.07	2.10	0.01	0.02	0.06	0.23	0.35	97.8	0	89	
NO2	2.23	0.86	2.08	1.47	0.60	1.10	2.10	3.58	5.70	100.0	0	91	
SO4--	0.67	0.37	0.59	1.63	0.24	0.28	0.56	1.26	2.34	98.9	0	90	
SO2	2.15	1.64	1.66	2.08	0.20	0.60	1.70	5.81	8.00	97.8	0	89	
HNO3+NO3	0.39	0.19	0.35	1.59	0.10	0.17	0.35	0.76	1.20	96.7	0	88	

SK0004R Stara Lesna Slovakia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.34	0.24	0.28	1.90	0.02	0.10	0.28	0.71	1.83	100.0	0	92	
HNO3	0.07	0.04	0.06	1.73	0.01	0.03	0.06	0.15	0.23	100.0	0	92	
NO2	1.55	0.37	1.51	1.24	0.90	1.06	1.50	2.14	3.50	100.0	0	92	
SO4--	0.83	0.43	0.71	1.78	0.16	0.23	0.78	1.67	2.19	100.0	0	92	
SO2	1.57	1.38	1.14	2.30	0.10	0.30	1.10	4.08	8.90	100.0	0	92	
HNO3+NO3	0.40	0.26	0.35	1.71	0.06	0.14	0.33	0.80	1.98	100.0	0	92	

SK0004R Stara Lesna Slovakia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.22	0.09	0.20	1.65	0.04	0.06	0.21	0.35	0.62	94.6	0	87	
HNO3	0.05	0.05	0.04	1.63	0.02	0.02	0.04	0.09	0.47	94.6	0	87	
NO2	1.51	0.67	1.45	1.31	0.80	1.06	1.40	2.00	7.20	100.0	0	92	
SO4--	0.87	0.50	0.74	1.83	0.12	0.22	0.81	1.79	2.82	94.6	0	87	
SO2	0.87	0.56	0.73	1.82	0.20	0.30	0.65	1.90	2.60	94.6	0	87	
HNO3+NO3	0.27	0.12	0.25	1.60	0.06	0.09	0.25	0.43	0.71	94.6	0	87	

SK0004R Stara Lesna Slovakia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.33	0.21	0.27	1.95	0.03	0.09	0.29	0.74	1.03	96.7	0	88	
HNO3	0.06	0.04	0.05	1.57	0.03	0.03	0.05	0.13	0.22	96.7	0	88	
NO2	1.66	0.78	1.50	1.56	0.60	0.70	1.45	3.30	4.20	100.0	0	91	
SO4--	1.06	0.65	0.87	1.93	0.14	0.29	0.82	2.32	3.18	96.7	0	88	
SO2	1.58	1.34	1.14	2.27	0.10	0.40	1.00	4.50	5.60	96.7	0	88	
HNO3+NO3	0.39	0.22	0.34	1.76	0.08	0.13	0.36	0.81	1.11	96.7	0	88	

SK0005R Liesek Slovakia

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.77	0.42	0.64	1.95	0.06	0.20	0.70	1.49	1.81	100.0	0	91	
HNO3	0.06	0.06	0.05	1.71	0.02	0.03	0.05	0.13	0.59	100.0	0	91	
NO2	2.53	1.01	2.35	1.49	0.90	1.25	2.40	4.40	5.30	100.0	0	91	
SO4--	1.00	0.51	0.89	1.64	0.31	0.39	0.85	1.98	2.61	100.0	0	91	
SO2	5.73	3.36	4.80	1.86	0.80	1.65	4.75	11.29	16.40	100.0	0	91	
HNO3+NO3	0.83	0.44	0.71	1.86	0.09	0.22	0.75	1.61	2.07	100.0	0	91	

SK0005R Liesek Slovakia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.47	0.35	0.39	1.83	0.07	0.14	0.36	1.04	2.09	100.0	0	92	
HNO3	0.08	0.07	0.06	1.88	0.02	0.03	0.05	0.27	0.34	100.0	0	92	
NO2	1.86	0.63	1.75	1.46	0.20	1.16	1.80	3.02	4.10	100.0	0	92	
SO4--	0.92	0.55	0.78	1.79	0.27	0.31	0.72	1.94	2.64	100.0	0	92	
SO2	2.13	1.93	1.53	2.29	0.20	0.46	1.50	5.18	12.50	100.0	0	92	
HNO3+NO3	0.56	0.35	0.48	1.72	0.10	0.18	0.45	1.15	2.14	100.0	0	92	

SK0005R Liesek Slovakia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.32	0.12	0.29	1.62	0.02	0.13	0.31	0.51	0.64	100.0	0	92	
HNO3	0.05	0.03	0.05	1.87	0.01	0.01	0.05	0.11	0.18	100.0	0	92	
NO2	1.53	0.39	1.47	1.34	0.40	0.90	1.50	2.14	2.50	100.0	0	92	
SO4--	0.96	0.47	0.86	1.62	0.27	0.40	0.86	1.85	2.34	100.0	0	92	
SO2	1.01	0.57	0.90	1.61	0.40	0.40	0.80	2.14	3.50	100.0	0	92	
HNO3+NO3	0.37	0.13	0.35	1.51	0.06	0.16	0.37	0.59	0.67	100.0	0	92	

SK0005R Liesek Slovakia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.49	0.41	0.37	2.13	0.02	0.12	0.34	1.41	1.90	100.0	0	91	
HNO3	0.09	0.08	0.08	2.09	0.00	0.01	0.07	0.22	0.59	100.0	4	91	
NO2	1.59	0.80	1.43	1.58	0.40	0.60	1.40	2.98	5.30	100.0	0	91	
SO4--	1.17	0.70	1.00	1.79	0.29	0.39	0.99	2.65	3.83	100.0	0	91	
SO2	1.43	1.03	1.28	1.67	0.00	0.00	1.20	3.23	5.90	100.0	5	91	
HNO3+NO3	0.58	0.43	0.47	1.88	0.12	0.17	0.44	1.51	2.02	100.0	0	91	

SK0006R Starina Slovakia

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.27	0.18	0.20	2.29	0.01	0.04	0.24	0.58	0.90	100.0	0	91	
HNO3	0.60	0.54	0.43	2.51	0.02	0.06	0.45	1.42	2.98	100.0	0	91	
NO2	1.66	0.80	1.51	1.57	0.30	0.65	1.55	2.80	6.50	100.0	0	91	
SO4--	1.27	0.87	1.01	2.01	0.13	0.23	1.04	3.07	4.67	100.0	0	91	
SO2	5.76	4.04	4.42	2.20	0.50	0.81	4.90	12.32	22.20	100.0	0	91	
HNO3+NO3	0.87	0.61	0.68	2.18	0.03	0.15	0.70	1.85	3.30	100.0	0	91	

SK0006R Starina Slovakia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.27	0.19	0.21	2.31	0.02	0.04	0.21	0.67	0.84	98.9	0	91	
HNO3	0.25	0.19	0.19	2.18	0.02	0.04	0.18	0.66	0.95	100.0	0	92	
NO2	1.51	0.50	1.42	1.45	0.40	0.66	1.50	2.24	2.90	100.0	0	92	
SO4--	0.99	0.67	0.81	1.90	0.13	0.28	0.76	2.16	3.48	98.9	0	91	
SO2	1.89	1.54	1.38	2.31	0.20	0.30	1.50	5.44	6.90	100.0	0	92	
HNO3+NO3	0.53	0.35	0.42	2.06	0.04	0.11	0.44	1.23	1.66	98.9	0	91	

SK0006R Starina Slovakia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.22	0.11	0.20	1.75	0.02	0.10	0.20	0.45	0.60	100.0	0	92	
HNO3	0.19	0.27	0.14	1.91	0.03	0.05	0.13	0.32	2.57	98.9	0	91	
NO2	1.36	0.52	1.27	1.46	0.40	0.60	1.30	2.28	3.30	100.0	0	92	
SO4--	0.97	0.53	0.81	1.93	0.07	0.25	0.90	2.01	2.64	100.0	0	92	
SO2	1.31	0.78	1.11	1.83	0.20	0.40	1.15	2.85	3.90	98.9	0	91	
HNO3+NO3	0.41	0.31	0.36	1.62	0.11	0.18	0.35	0.71	2.85	98.9	0	91	

SK0006R Starina Slovakia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO3-	0.22	0.17	0.18	2.03	0.02	0.06	0.18	0.63	0.93	98.9	0	90	
HNO3	0.20	0.18	0.16	1.96	0.03	0.06	0.15	0.63	0.93	98.9	0	90	
NO2	1.45	1.10	1.22	1.78	0.30	0.41	1.20	3.24	8.90	100.0	0	91	
SO4--	1.13	0.70	0.92	2.00	0.11	0.28	1.02	2.45	3.40	98.9	0	90	
SO2	1.84	1.85	1.26	2.38	0.20	0.25	1.20	5.35	10.20	98.9	0	90	
HNO3+NO3	0.43	0.31	0.35	1.82	0.08	0.17	0.33	1.12	1.52	98.9	0	90	

TR0001R Cubuk II Turkey

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	0.18	0.20	0.16	3.16	-0.07	-0.01	0.09	0.60	0.79	82.4	10	75	
HNO3	0.16	0.25	0.10	3.49	-0.03	0.00	0.06	0.72	1.44	85.7	7	78	
NO2	1.52	1.31	1.08	2.44	0.15	0.20	1.19	3.89	7.20	89.0	0	81	
SO4--	1.48	1.50	0.73	4.58	0.00	0.01	0.96	4.48	5.79	59.3	1	54	
SO2	5.03	5.71	2.74	3.51	-0.08	0.15	2.98	16.40	32.78	85.7	1	78	
NH3+NH4+	0.64	0.56	0.48	2.90	-0.05	-0.02	0.42	1.64	1.66	49.5	4	45	

TR0001R Cubuk II Turkey

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	0.74	0.63	0.56	2.13	0.05	0.16	0.58	1.68	3.69	100.0	0	92	
SO4--	0.76	0.49	0.61	2.12	0.00	0.14	0.63	1.60	2.16	100.0	1	92	

TR0001R Cubuk II Turkey

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	0.39	0.24	0.32	2.29	-0.11	0.03	0.36	0.70	1.46	82.6	1	76	
HNO3	0.10	0.22	0.07	2.11	-0.01	0.01	0.06	0.15	1.95	85.9	3	79	
NO2	0.57	0.35	0.48	1.88	0.08	0.15	0.50	1.27	1.64	84.8	0	78	
SO4--	0.72	0.58	0.53	2.52	-0.04	0.09	0.58	1.61	3.53	85.9	1	79	
SO2	0.38	0.54	0.26	3.28	-0.10	-0.04	0.18	1.16	2.56	85.9	8	79	

TR0001R Cubuk II Turkey

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NH3	0.29	0.25	0.28	2.06	-0.08	-0.06	0.27	0.64	1.44	71.4	5	65	
HNO3	0.08	0.07	0.08	2.36	-0.01	0.00	0.07	0.23	0.29	70.3	4	64	
NO2	0.95	0.73	0.70	2.38	0.05	0.14	0.71	2.16	3.71	76.9	0	70	
SO4--	0.59	0.47	0.50	2.15	-0.10	0.01	0.50	1.24	3.06	73.6	3	67	
SO2	0.81	0.82	0.48	3.52	-0.06	-0.01	0.50	2.19	3.22	70.3	3	64	

YU0005R Kamenicki Vis Yugoslavia

December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.42	2.62	3.83	1.73	1.10	1.38	4.50	6.60	21.20	83.5	0	76	
SO2	1.30	0.29	1.28	1.15	1.25	1.25	1.25	1.25	3.40	82.4	56	75	

YU0005R Kamenicki Vis Yugoslavia

March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	4.58	0.98	4.47	1.25	3.00	3.05	4.60	6.00	6.00	32.6	0	30	
SO2	1.34	0.38	1.30	1.21	1.25	1.25	1.25	1.25	3.10	68.5	60	63	

YU0005R Kamenicki Vis Yugoslavia

June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO2	2.60	2.23	2.02	1.94	1.25	1.25	1.25	8.01	10.70	84.8	48	78	

YU0005R Kamenicki Vis Yugoslavia

September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO2	5.77	3.62	4.60	2.06	1.25	1.25	4.80	12.32	14.10	86.8	12	79	

YU0008R Zabljak Yugoslavia
December 1999 - February 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	6.72	3.15	6.02	1.63	2.30	2.45	6.90	10.85	21.80	98.9	0	90	
SO2	1.78	1.19	1.56	1.58	1.25	1.25	1.25	4.15	6.90	98.9	81	90	

YU0008R Zabljak Yugoslavia
March 2000 - May 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
NO2	6.82	1.64	6.60	1.31	3.00	3.80	7.00	8.86	10.20	51.1	0	47	
SO2	1.30	0.31	1.28	1.16	1.25	1.25	1.25	1.25	3.30	85.9	77	79	

YU0008R Zabljak Yugoslavia
June 2000 - August 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO2	1.42	0.60	1.36	1.31	1.25	1.25	1.25	2.94	4.30	98.9	83	91	

YU0008R Zabljak Yugoslavia
September 2000 - November 2000

Component	Arit mean	Arit sd	Geom mean	Geom sd	Min	5%	50%	95%	Max	% anal	Num bel	Num sampl	Samp flag
SO2	1.46	0.74	1.37	1.34	1.25	1.25	1.25	2.80	6.70	100.0	82	91	

Annex 5

Seasonal summaries of precipitation components

AT0002R Illmitz Austria

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.88	0.08	3.79	50.8	97.6	0	13
Ca++	0.24	0.00	1.80	14.0	97.6	1	13
Cl-	0.10	0.00	0.50	5.6	99.1	3	15
Mg++	0.069	0.017	0.397	4.0	97.6	0	13
NO3-	0.56	0.17	2.09	32.4	99.1	0	15
pH	4.94	4.15	5.37	660.1	100.0	0	17
K+	0.17	0.01	0.97	9.8	97.6	0	13
Precip	-	0.0	19.5	57.6	100.0	74	91
Na+	0.11	0.03	0.55	6.2	97.6	0	13
SO4-- corr	0.42	0.24	1.72	24.0	99.1	0	15
SO4--	0.44	0.25	1.77	25.2	99.1	0	15

AT0002R Illmitz Austria

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	1.71	0.79	5.66	226.1	100.0	0	24
Ca++	0.57	0.10	3.80	76.0	100.0	0	24
Cl-	0.07	0.00	0.40	9.4	100.0	6	24
Mg++	0.112	0.014	0.739	14.8	100.0	0	24
NO3-	0.66	0.26	3.54	87.2	100.0	0	24
pH	5.22	4.69	6.69	798.6	100.0	0	24
K+	0.25	0.11	1.02	32.6	100.0	0	24
Precip	-	0.0	20.7	132.6	100.0	68	92
Na+	0.13	0.03	0.70	17.6	100.0	0	24
SO4-- corr	0.91	0.23	3.84	120.1	100.0	0	24
SO4--	0.93	0.26	3.87	123.3	100.0	0	24

AT0002R Illmitz Austria

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.94	0.32	4.32	119.6	100.0	0	17
Ca++	1.02	0.40	5.70	129.4	100.0	0	17
Cl-	0.47	0.10	3.50	59.3	97.6	0	16
Mg++	0.564	0.101	4.457	71.8	100.0	0	17
NO3-	0.59	0.17	4.86	75.4	100.0	0	17
pH	5.99	5.57	7.14	130.4	100.0	0	17
K+	0.16	0.06	0.98	20.3	100.0	0	17
Precip	-	0.0	31.8	127.4	100.0	75	92
Na+	0.20	0.05	2.99	25.1	100.0	0	17
SO4-- corr	1.01	0.20	6.76	128.6	100.0	0	17
SO4--	1.04	0.21	6.97	133.0	100.0	0	17

AT0002R Illmitz Austria

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.77	0.25	4.88	85.3	100.0	0	14
Ca++	0.57	0.20	3.10	63.2	100.0	0	14
Cl-	0.23	0.10	1.80	25.1	100.0	0	14
Mg++	0.097	0.030	0.545	10.7	100.0	0	14
NO3-	0.42	0.21	2.91	46.4	100.0	0	14
pH	5.32	4.40	6.69	533.4	100.0	0	14
K+	0.08	0.03	1.33	8.9	100.0	0	14
Precip	-	0.0	29.0	110.3	100.0	77	91
Na+	0.15	0.05	1.43	16.7	100.0	0	14
SO4-- corr	1.00	0.32	4.33	110.4	100.0	0	14
SO4--	1.01	0.34	4.45	111.8	100.0	0	14

AT0004R St. Koloman Austria

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.26	0.02	2.01	48.1	97.7	0	45
Ca++	0.11	0.00	2.20	20.1	97.7	9	45
Cl-	0.26	0.00	5.10	49.5	97.7	2	45
Mg++	0.033	0.010	0.473	6.2	82.9	0	42
NO3-	0.40	0.04	1.68	74.9	97.7	0	45
pH	4.82	3.98	6.90	2863.4	98.1	0	49
K+	0.03	0.00	0.27	6.4	54.8	0	34
Precip	-	0.0	17.4	187.5	100.0	39	91
Na+	0.16	0.01	4.05	29.4	93.9	0	44
SO4-- corr	0.25	0.06	1.18	46.8	97.7	0	45
SO4--	0.26	0.06	1.24	49.7	97.7	0	45

AT0004R St. Koloman Austria

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.59	0.05	4.94	188.4	99.9	0	43
Ca++	0.29	0.10	2.60	92.3	99.9	0	43
Cl-	0.17	0.00	1.40	55.6	99.9	5	43
Mg++	0.041	0.010	0.245	13.0	99.9	0	43
NO3-	0.47	0.19	2.19	147.8	99.8	0	42
pH	5.11	4.45	6.87	2443.0	100.0	0	46
K+	0.05	0.01	0.34	14.7	66.8	0	33
Precip	-	0.0	30.9	317.3	100.0	46	92
Na+	0.11	0.01	1.36	36.2	86.0	0	41
SO4-- corr	0.37	0.10	1.82	118.7	99.9	0	43
SO4--	0.39	0.11	1.93	122.7	99.9	0	43

AT0004R St. Koloman Austria

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.81	0.13	10.44	346.4	78.2	0	36
Ca++	0.41	0.10	2.70	177.8	78.2	0	36
Cl-	0.16	0.00	1.00	66.8	78.2	5	36
Mg++	0.054	0.011	0.319	23.0	78.2	0	36
NO3-	0.32	0.10	1.51	136.0	78.2	0	36
pH	5.40	4.38	7.78	1710.1	100.0	0	48
K+	0.18	0.02	2.93	78.9	78.2	0	36
Precip	-	0.0	32.7	428.7	100.0	45	92
Na+	0.11	0.02	0.98	45.4	78.2	0	36
SO4-- corr	0.35	0.06	2.19	152.3	78.2	0	35
SO4--	0.37	0.08	2.22	157.9	78.2	0	35

AT0004R St. Koloman Austria

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.99	0.04	14.85	299.8	98.8	0	37
Ca++	0.50	0.10	2.30	151.3	99.8	0	38
Cl-	0.15	0.00	1.00	45.9	99.8	13	38
Mg++	0.057	0.011	0.448	17.1	99.8	0	38
NO3-	0.35	0.02	2.94	106.9	99.8	0	38
pH	5.29	4.28	7.78	1548.9	100.0	0	41
K+	0.28	0.01	4.96	84.6	87.2	0	35
Precip	-	0.0	31.5	301.7	100.0	50	91
Na+	0.13	0.01	0.88	38.2	99.8	0	38
SO4-- corr	0.28	0.02	1.71	85.0	99.8	0	38
SO4--	0.30	0.03	1.82	89.5	99.8	0	38

AT0005R Vorhegg Austria

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.01	0.92	7.3	66.2	0	11
Ca++	0.09	0.00	0.70	6.1	66.2	1	11
Cl-	0.04	0.00	0.60	2.6	66.2	3	11
Mg++	0.031	0.013	0.197	2.1	66.2	0	11
NO3-	0.25	0.11	1.36	17.3	66.2	0	11
pH	5.33	4.79	5.63	320.1	67.1	0	14
K+	0.01	0.00	0.18	1.0	66.2	3	11
Precip	-	0.0	20.5	68.1	100.0	75	91
Na+	0.03	0.00	0.27	1.8	66.2	0	11
SO4-- corr	0.17	0.02	1.34	11.3	66.2	0	11
SO4--	0.18	0.03	1.36	12.0	66.2	0	11

AT0005R Vorhegg Austria

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.49	0.03	4.03	140.2	100.0	0	37
Ca++	0.49	0.00	3.10	141.0	100.0	2	37
Cl-	0.14	0.00	1.70	40.3	100.0	16	37
Mg++	0.064	0.005	0.452	18.2	100.0	1	37
NO3-	0.53	0.04	3.14	152.3	99.9	0	36
pH	5.17	3.93	6.38	1940.1	100.0	0	37
K+	0.04	0.00	0.36	11.4	100.0	4	37
Precip	-	0.0	32.8	285.3	100.0	55	92
Na+	0.08	0.00	1.81	21.6	100.0	3	37
SO4-- corr	0.56	-0.04	3.13	160.4	99.9	1	36
SO4--	0.58	0.03	3.14	166.6	99.9	0	36

AT0005R Vorhegg Austria

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.56	0.02	2.13	205.8	99.9	0	41
Ca++	0.44	0.00	3.60	161.3	99.9	1	40
Cl-	0.10	0.00	3.50	36.8	97.2	9	39
Mg++	0.060	0.011	2.188	22.0	99.9	0	41
NO3-	0.39	0.03	2.46	144.7	99.9	0	41
pH	5.27	4.59	6.72	1975.8	100.0	0	43
K+	0.05	0.01	1.23	17.0	77.1	0	35
Precip	-	0.0	36.6	368.5	100.0	49	92
Na+	0.08	0.01	1.21	30.3	96.9	0	38
SO4-- corr	0.53	0.04	2.77	193.8	99.9	0	40
SO4--	0.54	0.06	2.81	199.4	99.9	0	40

AT0005R Vorhegg Austria

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.16	0.01	1.56	117.2	98.5	0	44
Ca++	0.56	0.00	9.60	416.1	99.9	8	46
Cl-	0.28	0.00	1.70	210.3	89.5	6	40
Mg++	0.068	0.010	0.696	50.7	99.4	0	45
NO3-	0.22	0.02	1.90	168.2	99.9	0	45
pH	5.05	3.43	7.35	6713.9	100.0	0	47
K+	0.02	0.01	0.38	15.9	93.4	0	43
Precip	-	0.0	35.7	745.9	100.0	43	91
Na+	0.18	0.01	1.69	136.0	98.1	0	44
SO4-- corr	0.38	0.04	1.72	285.0	99.4	0	44
SO4--	0.40	0.03	1.79	297.8	99.9	0	45

CH0002R Payerne Switzerland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.32	0.09	1.34	58.7	98.0	0	27
Ca++	0.16	0.03	0.34	30.0	98.0	1	27
Cl-	0.41	0.03	7.65	76.1	98.0	1	27
Mg++	0.059	0.005	0.483	10.8	98.0	1	27
NO3-	0.16	0.05	0.91	29.8	98.0	0	27
pH	5.30	4.45	6.37	910.8	99.1	0	30
K+	0.03	0.01	0.25	4.9	98.0	11	27
Precip	-	0.0	19.0	183.5	98.9	51	90
Na+	0.24	0.01	4.89	44.3	98.0	0	27
SO4-- corr	0.13	0.02	0.49	24.2	98.0	0	27
SO4--	0.16	0.06	0.81	28.7	98.0	0	27

CH0002R Payerne Switzerland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.51	0.11	2.22	109.7	99.2	0	31
Ca++	0.46	0.03	2.01	98.0	99.2	1	31
Cl-	0.11	0.03	0.63	22.9	99.2	5	31
Mg++	0.028	0.005	0.142	5.9	99.2	6	31
NO3-	0.31	0.06	1.87	67.3	99.2	0	31
pH	5.30	4.16	6.86	1076.6	99.7	0	33
K+	0.04	0.01	0.44	9.1	99.2	17	31
Precip	-	0.0	31.5	214.2	100.0	57	92
Na+	0.08	0.01	0.50	16.1	99.2	2	31
SO4-- corr	0.27	0.04	2.17	58.7	99.2	0	31
SO4--	0.28	0.04	2.18	60.1	99.2	0	31

CH0002R Payerne Switzerland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.60	0.11	3.56	168.0	99.3	0	30
Ca++	0.69	0.08	2.33	193.0	99.3	0	30
Cl-	0.16	0.03	0.65	44.5	99.3	3	30
Mg++	0.053	0.012	0.198	14.8	99.3	0	30
NO3-	0.38	0.09	1.33	107.3	99.3	0	30
pH	5.40	4.54	7.10	1112.2	99.9	0	32
K+	0.05	0.01	0.60	15.2	99.3	9	30
Precip	-	0.0	39.1	280.6	100.0	57	92
Na+	0.12	0.02	0.51	35.2	99.3	0	30
SO4-- corr	0.50	0.05	1.84	138.8	99.3	0	30
SO4--	0.50	0.05	1.88	141.8	99.3	0	30

CH0002R Payerne Switzerland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.25	0.03	2.12	61.1	97.3	0	30
Ca++	0.29	0.05	2.08	68.7	97.3	0	30
Cl-	0.11	0.03	1.95	26.8	97.3	12	30
Mg++	0.031	0.005	0.192	7.3	97.3	5	30
NO3-	0.18	0.03	1.78	43.7	97.3	0	30
pH	5.36	4.29	6.70	1043.9	99.7	0	38
K+	0.03	0.01	0.92	7.3	97.3	19	30
Precip	-	0.0	28.3	240.3	98.9	48	90
Na+	0.07	0.01	1.09	16.4	97.3	10	30
SO4-- corr	0.17	0.01	1.73	40.5	97.3	1	30
SO4--	0.17	0.01	1.76	42.1	97.3	1	30

CH0004R Chaumont Switzerland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.04	0.34	37.4	99.7	0	11 W
Ca++	0.05	0.03	0.18	12.8	99.7	4	11 W
Cl-	0.27	0.06	1.08	73.8	99.7	0	11 W
Mg++	0.024	0.005	0.092	6.8	99.7	3	11 W
NO3-	0.15	0.06	0.41	40.9	99.7	0	11 W
pH	4.97	4.56	5.31	2952.8	100.0	0	12 W
K+	0.02	0.01	0.13	6.0	99.7	4	11 W
Precip	-	0.0	50.7	277.8	85.7	26	38 W
Na+	0.16	0.02	0.61	43.6	99.7	0	11 W
SO4-- corr	0.16	0.05	0.39	45.3	99.7	0	11 W
SO4--	0.18	0.07	0.40	49.3	99.7	0	11 W

CH0004R Chaumont Switzerland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.49	0.19	2.00	108.3	99.8	0	12 W
Ca++	0.53	0.10	1.30	117.3	99.8	0	12 W
Cl-	0.12	0.07	0.39	27.1	99.8	0	12 W
Mg++	0.034	0.010	0.115	7.6	99.8	0	12 W
NO3-	0.34	0.09	1.67	75.9	99.8	0	12 W
pH	5.26	4.49	6.62	1229.6	100.0	0	13 W
K+	0.05	0.01	0.12	11.0	99.8	3	12 W
Precip	-	0.4	58.2	221.8	84.8	0	13 W
Na+	0.10	0.02	0.26	22.1	99.8	0	12 W
SO4-- corr	0.34	0.12	1.03	75.7	99.8	0	12 W
SO4--	0.35	0.13	1.04	77.6	99.8	0	12 W

CH0004R Chaumont Switzerland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.49	0.13	1.50	164.9	100.0	0	12 W
Ca++	0.60	0.07	2.76	199.6	100.0	0	12 W
Cl-	0.17	0.06	0.81	56.6	100.0	0	12 W
Mg++	0.046	0.012	0.252	15.4	100.0	0	12 W
NO3-	0.34	0.17	1.63	114.7	100.0	0	12 W
pH	5.23	4.90	6.41	1980.1	100.0	0	12 W
K+	0.04	0.01	0.25	12.2	100.0	5	12 W
Precip	-	0.0	64.5	334.8	84.8	1	13 W
Na+	0.12	0.04	0.66	40.7	100.0	0	12 W
SO4-- corr	0.44	0.17	2.40	148.8	100.0	0	12 W
SO4--	0.46	0.17	2.46	152.3	100.0	0	12 W

CH0004R Chaumont Switzerland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.17	0.04	1.05	48.5	99.7	0	11 W
Ca++	0.22	0.03	0.61	65.1	99.7	1	11 W
Cl-	0.10	0.03	0.31	29.5	99.7	2	11 W
Mg++	0.027	0.005	0.110	7.9	99.7	1	11 W
NO3-	0.13	0.05	0.30	38.8	99.7	0	11 W
pH	5.14	4.57	6.63	2125.4	100.0	0	12 W
K+	0.03	0.01	0.30	9.3	99.7	8	11 W
Precip	-	0.9	73.0	291.3	79.1	0	12 W
Na+	0.08	0.02	0.25	23.0	99.7	0	11 W
SO4-- corr	0.15	0.04	0.89	43.0	99.7	0	11 W
SO4--	0.16	0.04	0.90	45.0	99.7	0	11 W

CH0005R Rigi Switzerland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.19	0.06	1.52	29.7	97.6	0	32
Ca++	0.11	0.03	0.73	16.6	97.6	8	32
Cl-	0.16	0.03	2.15	24.8	97.6	5	32
Mg++	0.017	0.005	0.132	2.6	97.6	10	32
NO3-	0.25	0.05	1.37	38.7	97.6	0	32
pH	4.97	4.24	5.66	1682.3	99.2	0	36
K+	0.03	0.01	0.13	4.0	97.6	14	32
Precip	-	0.0	19.2	155.5	95.6	44	87
Na+	0.10	0.01	1.55	15.5	97.6	5	32
SO4-- corr	0.15	0.03	0.80	24.0	97.6	0	32
SO4--	0.17	0.03	0.90	25.6	97.6	0	32

CH0005R Rigi Switzerland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.58	0.01	1.73	143.8	99.7	1	41
Ca++	0.58	0.03	6.24	144.0	99.7	3	41
Cl-	0.15	0.03	0.72	37.6	99.7	8	41
Mg++	0.034	0.005	0.106	8.4	99.7	9	41
NO3-	0.44	0.03	1.56	109.3	99.7	0	41
pH	5.19	4.27	7.51	1620.5	99.8	0	42
K+	0.04	0.01	0.18	11.0	99.7	14	41
Precip	-	0.0	16.2	249.7	100.0	48	92
Na+	0.11	0.01	0.49	27.7	99.7	5	41
SO4-- corr	0.32	0.01	1.21	81.2	99.7	1	41
SO4--	0.34	0.01	1.24	83.7	99.7	1	41

CH0005R Rigi Switzerland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.54	0.05	2.32	280.6	99.9	0	43
Ca++	0.52	0.03	3.33	266.6	99.9	6	43
Cl-	0.12	0.03	1.32	62.1	99.9	12	43
Mg++	0.038	0.005	0.245	19.7	99.9	8	43
NO3-	0.34	0.08	1.99	176.0	99.9	0	43
pH	5.20	4.51	6.82	3285.7	99.9	0	43
K+	0.04	0.01	0.28	20.6	99.9	16	43
Precip	-	0.0	44.2	517.2	100.0	47	92
Na+	0.11	0.01	1.07	56.1	99.9	2	43
SO4-- corr	0.43	0.04	2.62	222.5	99.9	0	43
SO4--	0.44	0.04	2.67	227.4	99.9	0	43

CH0005R Rigi Switzerland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.31	0.05	1.54	103.3	98.2	0	33
Ca++	0.54	0.03	4.06	181.0	98.2	3	33
Cl-	0.10	0.03	0.75	34.6	98.2	13	33
Mg++	0.030	0.005	0.202	10.0	98.2	6	33
NO3-	0.29	0.04	1.31	99.1	98.2	0	33
pH	5.15	4.14	7.09	2385.1	99.6	0	40
K+	0.03	0.01	0.40	11.0	98.2	23	33
Precip	-	0.0	45.5	337.8	100.0	46	91
Na+	0.07	0.01	0.55	24.1	98.2	7	33
SO4-- corr	0.26	0.03	2.08	87.2	98.2	0	33
SO4--	0.26	0.03	2.10	89.2	98.2	0	33

CZ0001R Svratouch Czech Republic

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.49	0.17	0.96	90.1	68.3	0	7 W
Ca++	0.27	0.10	0.48	50.1	68.3	0	7 W
Cl-	1.77	0.62	3.92	329.6	68.3	0	7 W
Mg++	0.044	0.020	0.070	8.1	68.3	0	7 W
NO3-	0.58	0.03	1.56	108.1	68.3	0	7 W
pH	4.52	4.11	5.36	5566.4	93.2	0	11 W
K+	0.07	0.01	0.17	12.5	68.3	0	7 W
Precip	-	2.3	30.2	185.9	59.3	0	12 W
Na+	0.22	0.06	0.46	40.0	68.3	0	7 W
SO4-- corr	0.11	0.04	0.69	21.1	68.3	0	7 W
SO4--	0.14	0.08	0.73	26.1	68.3	0	7 W

CZ0001R Svratouch Czech Republic

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.88	0.33	5.84	194.3	99.9	0	10 W
Ca++	0.28	0.14	1.22	62.2	99.9	0	10 W
Cl-	1.20	0.06	3.68	264.1	99.9	0	10 W
Mg++	0.039	0.020	0.180	8.5	99.9	0	10 W
NO3-	0.57	0.00	1.50	125.7	99.9	1	10 W
pH	4.80	4.50	6.72	3536.4	99.9	0	10 W
K+	0.05	0.02	0.81	11.8	99.9	0	10 W
Precip	-	0.0	48.4	220.9	98.9	2	13 W
Na+	0.09	0.03	0.21	19.5	99.9	0	10 W
SO4-- corr	0.33	-0.08	2.73	72.5	99.9	3	10 W
SO4--	0.35	0.00	2.86	77.7	99.9	3	10 W

CZ0001R Svratouch Czech Republic

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	2.46	0.75	5.31	539.6	96.5	0	11 W
Ca++	0.39	0.16	1.04	86.4	96.5	0	11 W
Cl-	0.54	0.29	1.04	118.4	96.5	0	11 W
Mg++	0.116	0.030	0.200	25.4	96.5	0	11 W
NO3-	0.49	0.25	1.06	106.5	96.5	0	11 W
pH	5.20	4.38	6.43	1371.6	96.5	0	11 W
K+	0.98	0.08	1.62	214.4	96.5	0	11 W
Precip	-	0.0	58.6	219.1	98.9	1	13 W
Na+	0.20	0.09	0.50	44.4	85.8	0	8 W
SO4-- corr	0.92	0.57	1.69	201.5	96.5	0	11 W
SO4--	0.94	0.59	1.78	206.9	96.5	0	11 W

CZ0001R Svratouch Czech Republic

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	1.31	0.59	4.77	115.4	99.9	0	12 W
Ca++	0.75	0.21	2.32	66.2	99.9	0	12 W
Cl-	0.60	0.11	1.87	52.8	99.9	0	12 W
Mg++	0.102	0.030	0.320	9.0	99.9	0	12 W
NO3-	0.97	0.05	2.55	85.8	99.9	0	12 W
pH	4.68	4.34	6.24	1862.1	99.9	0	12 W
K+	0.19	0.07	1.09	17.3	99.9	0	12 W
Precip	-	0.1	15.0	88.3	100.0	0	13 W
Na+	0.27	0.11	0.55	23.5	86.3	0	10 W
SO4-- corr	1.28	0.41	2.44	113.1	99.9	0	12 W
SO4--	1.33	0.43	2.66	117.7	99.9	0	12 W

CZ0003R Kosetice Czech Republic

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.22	0.12	0.40	34.8	83.0	0	10 W
Ca++	0.26	0.02	0.74	40.2	83.0	0	10 W
Cl-	0.30	0.01	0.88	46.5	83.0	0	10 W
Mg++	0.044	0.010	0.170	6.9	83.0	0	10 W
NO3-	0.45	0.21	0.82	69.7	83.0	0	10 W
pH	4.72	4.32	5.36	2965.1	89.6	0	11 W
K+	0.03	0.01	0.05	4.2	83.0	0	10 W
Precip	-	2.0	21.9	156.0	59.3	0	12 W
Na+	0.13	0.02	0.25	20.2	83.0	0	10 W
SO4-- corr	0.40	0.12	0.77	62.3	83.0	0	10 W
SO4--	0.42	0.14	0.81	65.0	83.0	0	10 W

CZ0003R Kosetice Czech Republic

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.50	0.17	1.35	97.6	100.0	0	10 W
Ca++	0.24	0.13	0.62	47.9	100.0	0	10 W
Cl-	0.33	0.09	1.09	65.4	100.0	0	10 W
Mg++	0.024	0.010	0.130	4.8	100.0	0	10 W
NO3-	0.43	0.35	0.82	84.7	100.0	0	10 W
pH	4.97	4.69	6.50	2128.6	100.0	0	10 W
K+	0.04	0.01	0.46	7.4	100.0	0	10 W
Precip	-	0.0	38.7	196.2	98.9	3	13 W
Na+	0.04	0.02	0.12	8.1	100.0	0	10 W
SO4-- corr	0.33	0.07	1.02	65.0	100.0	0	10 W
SO4--	0.34	0.08	1.05	66.6	100.0	0	10 W

CZ0003R Kosetice Czech Republic

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.52	0.27	0.92	107.4	100.0	0	13 W
Ca++	0.25	0.07	1.55	52.2	100.0	0	13 W
Cl-	0.17	0.07	0.38	35.4	100.0	0	13 W
Mg++	0.037	0.020	0.150	7.6	100.0	0	13 W
NO3-	0.41	0.20	1.00	84.6	100.0	0	13 W
pH	4.87	4.61	5.30	2767.1	100.0	0	13 W
K+	0.08	0.02	0.36	17.1	100.0	0	13 W
Precip	-	1.3	39.8	204.9	98.9	0	13 W
Na+	0.10	0.04	0.16	21.5	34.4	0	7 W
SO4-- corr	0.52	0.34	1.23	107.5	100.0	0	13 W
SO4--	0.54	0.35	1.24	111.0	100.0	0	13 W

CZ0003R Kosetice Czech Republic

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.87	0.27	3.66	95.7	100.0	0	13 W
Ca++	0.37	0.06	2.79	41.1	100.0	0	13 W
Cl-	0.27	0.04	0.99	29.5	98.9	0	12 W
Mg++	0.043	0.010	0.230	4.7	100.0	0	13 W
NO3-	0.74	0.32	2.07	81.7	98.9	0	12 W
pH	4.49	4.18	5.02	3591.8	100.0	0	13 W
K+	0.09	0.02	0.30	9.5	98.9	0	12 W
Precip	-	1.2	27.1	110.1	100.0	0	13 W
Na+	0.19	0.12	0.57	20.7	43.7	0	7 W
SO4-- corr	1.06	0.39	3.45	116.9	98.9	0	12 W
SO4--	1.08	0.41	3.48	118.7	98.9	0	12 W

CZ0003R Kosetice Czech Republic

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.28	0.04	1.28	42.5	97.2	0	47
Ca++	0.15	0.02	1.31	22.2	97.2	0	47
Cl-	0.59	0.06	82.72	89.1	93.5	0	46
Mg++	0.042	0.010	0.920	6.3	97.2	0	47
NO3-	0.50	0.14	2.23	75.6	97.2	0	47
pH	4.64	3.85	5.39	3488.7	97.5	0	49
K+	0.17	0.03	61.80	25.4	97.2	0	47
Precip	-	0.0	13.1	151.2	100.0	31	91
Na+	0.26	0.04	5.39	39.6	97.2	0	47
SO4-- corr	0.34	0.11	1.51	51.6	97.2	0	47
SO4--	0.36	0.12	1.96	55.1	97.2	0	47

CZ0003R Kosetice Czech Republic

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.46	0.08	4.91	87.9	99.9	0	39
Ca++	0.19	0.02	2.04	36.9	97.5	0	36
Cl-	0.47	0.06	6.45	89.3	98.7	0	36
Mg++	0.035	0.010	0.500	6.8	99.3	0	38
NO3-	0.48	0.14	1.76	92.1	98.1	0	35
pH	4.71	3.86	6.61	3695.5	99.9	0	39
K+	0.10	0.02	2.05	18.3	98.2	0	36
Precip	-	0.0	28.0	191.4	100.0	51	92
Na+	0.15	0.02	3.77	29.3	99.3	0	38
SO4-- corr	0.47	0.09	1.85	90.0	98.7	0	36
SO4--	0.49	0.13	1.91	93.3	98.7	0	36

CZ0003R Kosetice Czech Republic

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.59	0.05	3.23	126.5	98.7	0	36
Ca++	0.27	0.04	2.19	56.9	92.0	0	33
Cl-	0.13	0.03	0.44	27.8	73.4	0	30
Mg++	0.040	0.010	0.750	8.5	92.3	0	34
NO3-	0.40	0.09	1.48	86.0	98.1	0	33
pH	4.87	4.22	5.85	2910.9	98.7	0	36
K+	0.08	0.03	0.43	17.3	92.0	0	33
Precip	-	0.0	39.3	213.8	100.0	52	92
Na+	0.06	0.02	0.58	12.9	92.3	0	34
SO4-- corr	0.61	0.10	1.74	131.2	91.9	0	32
SO4--	0.58	0.08	1.79	125.1	98.1	0	33

CZ0003R Kosetice Czech Republic

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.96	0.19	5.90	115.1	98.7	0	37
Ca++	0.35	0.05	3.09	42.3	92.7	0	32
Cl-	0.38	0.10	9.22	46.1	98.2	0	35
Mg++	0.042	0.010	0.270	5.0	92.5	0	32
NO3-	0.69	0.18	2.49	82.6	98.2	0	35
pH	4.56	3.98	6.86	3314.8	98.7	0	37
K+	0.11	0.02	0.59	13.4	97.5	0	33
Precip	-	0.0	13.5	119.7	100.0	51	91
Na+	0.14	0.01	2.01	16.2	97.5	0	33
SO4-- corr	0.90	0.06	4.36	107.5	98.2	0	35
SO4--	0.92	0.06	4.38	109.9	98.2	0	35

DE0002R Langenbrugge Germany

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.49	0.00	4.01	76.6	75.6	0	35
Ca++	0.51	0.20	5.80	79.7	76.6	0	38
Cl-	1.71	0.10	36.20	269.7	76.8	0	40
Mg++	0.186	0.040	1.250	29.4	76.6	0	38
NO3-	0.64	0.06	4.46	101.2	76.8	0	40
pH	5.09	4.43	6.41	1268.7	75.9	0	31
K+	0.09	0.00	2.20	14.1	76.6	0	38
Precip	-	0.0	11.3	122.5	82.4	20	75
Na+	0.89	0.00	7.94	140.4	76.6	1	38
SO4-- corr	0.46	0.20	2.94	73.0	76.8	0	40
SO4--	0.55	0.21	3.59	86.8	76.8	0	40

DE0002R Langenbrugge Germany

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.93	0.05	4.95	114.9	96.3	0	34
Ca++	0.76	0.20	2.80	94.5	98.2	0	37
Cl-	1.04	0.20	6.80	128.5	98.2	0	37
Mg++	0.172	0.050	1.600	21.3	98.2	0	37
NO3-	0.91	0.14	4.10	112.0	98.2	0	37
pH	5.23	4.42	6.93	731.5	99.0	0	39
K+	0.16	0.03	2.27	20.0	98.2	0	37
Precip	-	0.0	14.3	123.6	100.0	43	92
Na+	0.53	0.10	3.56	65.5	98.2	0	37
SO4-- corr	0.78	0.20	4.49	96.2	98.2	0	37
SO4--	0.84	0.21	4.57	103.7	98.2	0	37

DE0002R Langenbrugge Germany

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.69	0.05	5.32	133.6	98.7	0	34
Ca++	0.51	0.00	9.40	99.5	98.8	1	35
Cl-	0.30	0.10	18.70	58.3	98.8	0	35
Mg++	0.096	0.020	1.390	18.8	98.8	0	35
NO3-	0.69	0.32	4.79	134.3	98.8	0	35
pH	4.80	4.41	6.37	3083.1	98.4	0	30
K+	0.15	0.00	6.04	29.1	98.8	1	35
Precip	-	0.0	23.9	195.0	100.0	37	92
Na+	0.13	0.02	6.89	25.6	98.8	0	35
SO4-- corr	0.61	0.23	5.27	118.2	98.8	0	35
SO4--	0.62	0.24	5.79	121.7	98.8	0	35

DE0002R Langenbrugge Germany

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.69	0.00	4.12	55.5	95.6	1	34
Ca++	0.78	0.00	3.70	62.5	96.8	1	39
Cl-	0.55	0.10	6.50	44.3	97.0	0	40
Mg++	0.168	0.060	1.140	13.5	96.6	0	38
NO3-	0.74	0.14	3.72	59.7	97.0	0	40
pH	5.00	4.41	6.66	807.3	96.9	0	36
K+	0.10	0.00	0.75	8.4	96.6	4	38
Precip	-	0.0	7.6	80.3	100.0	35	91
Na+	0.24	0.00	2.83	19.0	96.6	1	38
SO4-- corr	0.65	0.28	7.29	52.6	97.0	0	40
SO4--	0.68	0.28	7.33	54.8	97.0	0	40

DE0004R Deuselbach Germany

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.19	0.00	3.19	50.0	99.6	0	59
Ca++	0.26	0.00	7.00	67.7	99.9	2	62
Cl-	0.87	0.10	33.10	229.7	99.9	0	62
Mg++	0.067	0.005	1.110	17.8	99.9	3	63
NO3-	0.30	0.06	4.91	79.9	99.9	0	62
pH	5.09	4.21	6.33	2178.9	99.4	0	56
K+	0.04	0.00	1.63	11.4	99.9	8	62
Precip	-	0.0	25.9	264.7	100.0	26	91
Na+	0.47	0.00	19.25	125.7	99.9	2	62
SO4-- corr	0.34	0.13	11.46	88.8	99.9	0	62
SO4--	0.37	0.15	12.12	99.1	99.9	0	62

DE0004R Deuselbach Germany

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.65	0.15	7.16	125.9	98.5	0	43
Ca++	0.34	0.10	3.50	64.9	99.3	0	48
Cl-	0.33	0.10	5.20	63.9	98.9	0	47
Mg++	0.067	0.020	0.590	12.9	99.3	0	48
NO3-	0.59	0.16	5.71	113.7	98.9	0	47
pH	4.80	4.07	7.14	3058.2	98.6	0	43
K+	0.05	0.00	0.59	10.6	99.3	11	48
Precip	-	0.0	18.3	192.2	100.0	31	92
Na+	0.16	0.00	3.21	30.4	99.3	2	48
SO4-- corr	0.57	0.21	5.07	109.9	98.9	0	47
SO4--	0.59	0.22	5.34	113.9	98.9	0	47

DE0004R Deuselbach Germany

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.44	0.02	3.51	108.8	99.7	0	38
Ca++	0.23	0.00	1.80	55.9	99.7	6	38
Cl-	0.20	0.10	2.20	50.5	99.7	0	38
Mg++	0.037	0.005	0.460	9.2	99.7	6	38
NO3-	0.40	0.08	4.04	99.7	99.7	0	38
pH	4.77	4.02	6.54	4225.5	99.1	0	34
K+	0.06	0.00	1.62	14.4	99.7	8	38
Precip	-	0.0	20.5	247.1	100.0	46	92
Na+	0.08	0.00	1.36	20.8	99.7	6	38
SO4-- corr	0.47	0.16	3.51	116.0	99.7	0	38
SO4--	0.48	0.16	3.56	118.7	99.7	0	38

DE0004R Deuselbach Germany

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.26	0.04	2.54	86.3	99.7	0	54
Ca++	0.19	0.00	4.10	61.9	99.7	2	54
Cl-	0.61	0.10	5.80	202.3	99.7	0	54
Mg++	0.048	0.005	0.490	16.0	99.7	7	54
NO3-	0.29	0.08	2.28	95.4	99.7	0	54
pH	4.84	4.47	5.54	4736.6	99.3	0	50
K+	0.05	0.00	0.30	14.9	99.7	5	54
Precip	-	0.0	35.6	331.6	100.0	29	91
Na+	0.31	0.00	3.81	101.8	99.7	2	54
SO4-- corr	0.32	0.03	2.41	107.6	99.7	0	54
SO4--	0.35	0.08	2.44	116.4	99.7	0	54

DK0005R Keldsnor Denmark

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.36	0.27	0.60	56.0	100.0	0	6 BW
Ca++	0.31	0.15	0.59	47.7	100.0	0	6 BW
Cl-	7.68	2.69	18.90	1200.6	100.0	0	6 BW
Mg++	0.495	0.170	1.250	77.4	100.0	0	6 BW
NO3-	0.44	0.29	0.68	68.4	100.0	0	6 BW
pH	4.86	4.59	5.94	2168.0	100.0	0	6 BW
K+	0.27	0.10	0.62	42.9	100.0	0	6 BW
Precip	-	8.3	35.7	156.3	82.4	0	6 BW
Na+	4.26	1.55	10.60	666.2	100.0	0	6 BW
SO4-- corr	0.31	0.25	0.38	48.4	100.0	0	6 BW
SO4--	0.67	0.42	1.17	104.1	100.0	0	6 BW

DK0005R Keldsnor Denmark

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	1.22	0.69	1.84	176.3	100.0	0	5 BW
Ca++	0.43	0.16	1.01	61.6	100.0	0	5 BW
Cl-	1.06	0.63	1.46	153.0	100.0	0	5 BW
Mg++	0.075	0.050	0.090	10.9	100.0	0	5 BW
NO3-	0.80	0.57	1.22	115.7	100.0	0	5 BW
pH	5.24	4.55	6.44	829.8	100.0	0	5 BW
K+	0.16	0.10	0.20	22.4	100.0	0	5 BW
Precip	-	9.3	40.4	144.6	100.0	0	5 BW
Na+	0.67	0.39	0.91	96.5	100.0	0	5 BW
SO4-- corr	0.76	0.55	1.15	109.9	100.0	0	5 BW
SO4--	0.82	0.62	1.18	118.0	100.0	0	5 BW

DK0005R Keldsnor Denmark

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.72	0.42	1.25	87.9	100.0	0	6 BW
Ca++	0.19	0.15	0.36	23.7	100.0	0	6 BW
Cl-	1.44	0.92	2.21	175.0	100.0	0	6 BW
Mg++	0.091	0.050	0.150	11.0	100.0	0	6 BW
NO3-	0.63	0.42	0.90	76.4	100.0	0	6 BW
pH	4.84	4.63	5.51	1747.2	100.0	0	6 BW
K+	0.19	0.10	0.55	23.2	100.0	0	6 BW
Precip	-	9.2	45.0	121.3	100.0	0	6 BW
Na+	0.85	0.48	1.29	102.6	100.0	0	6 BW
SO4-- corr	0.53	0.33	0.78	64.5	100.0	0	6 BW
SO4--	0.60	0.38	0.88	73.0	100.0	0	6 BW

DK0005R Keldsnor Denmark

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.51	0.26	0.94	62.8	100.0	0	6 BW
Ca++	0.25	0.12	0.47	30.4	100.0	0	6 BW
Cl-	3.64	1.09	4.69	443.1	100.0	0	6 BW
Mg++	0.222	0.090	0.270	27.0	100.0	0	6 BW
NO3-	0.50	0.34	0.93	60.4	100.0	0	6 BW
pH	4.75	4.51	5.26	2182.3	100.0	0	6 BW
K+	0.22	0.17	0.46	26.7	100.0	0	6 BW
Precip	-	6.8	30.4	121.8	100.0	0	6 BW
Na+	2.11	0.75	2.66	256.4	100.0	0	6 BW
SO4-- corr	0.43	0.28	0.88	51.7	100.0	0	6 BW
SO4--	0.60	0.34	0.94	72.9	100.0	0	6 BW

DK0008R Anholt Denmark

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl	Samp flag
NH4+	0.30	0.10	0.79	39.4	100.0	0	6	BW
Ca++	0.64	0.30	1.54	82.7	100.0	0	6	BW
Cl-	24.45	9.74	69.00	3174.5	100.0	0	6	BW
Mg++	1.508	0.620	4.410	195.8	100.0	0	6	BW
NO3-	0.49	0.25	1.08	64.0	100.0	0	6	BW
pH	4.86	4.46	5.34	1804.4	100.0	0	6	BW
K+	0.51	0.22	1.53	66.4	100.0	0	6	BW
Precip	-	8.7	41.9	129.8	82.4	0	6	BW
Na+	10.63	5.69	20.15	1380.6	100.0	0	6	BW
SO4-- corr	0.54	0.17	1.81	69.9	100.0	0	6	BW
SO4--	1.39	0.64	3.50	180.5	100.0	0	6	BW

DK0008R Anholt Denmark

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl	Samp flag
NH4+	0.62	0.05	0.76	116.3	100.0	0	5	BW
Ca++	0.32	0.16	0.40	61.0	100.0	0	5	BW
Cl-	2.49	0.54	4.48	470.0	100.0	0	5	BW
Mg++	0.163	0.050	0.300	30.7	100.0	0	5	BW
NO3-	0.66	0.43	0.79	124.4	100.0	0	5	BW
pH	4.76	4.44	5.07	3286.3	100.0	0	5	BW
K+	0.16	0.04	0.32	29.4	100.0	0	5	BW
Precip	-	19.2	64.5	188.8	100.0	0	5	BW
Na+	1.53	0.37	2.66	289.1	100.0	0	5	BW
SO4-- corr	0.55	0.28	0.73	104.2	100.0	0	5	BW
SO4--	0.68	0.41	0.87	127.6	100.0	0	5	BW

DK0008R Anholt Denmark

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl	Samp flag
NH4+	0.25	0.16	0.32	42.9	100.0	0	6	BW
Ca++	0.51	0.25	0.90	89.5	100.0	0	6	BW
Cl-	4.03	2.32	5.65	701.7	100.0	0	6	BW
Mg++	0.262	0.150	0.390	45.6	100.0	0	6	BW
NO3-	0.52	0.31	1.11	90.8	100.0	0	6	BW
pH	4.98	4.54	5.51	1834.1	100.0	0	6	BW
K+	0.13	0.08	0.21	22.1	100.0	0	6	BW
Precip	-	15.6	63.8	174.2	100.0	0	6	BW
Na+	2.54	1.55	3.91	443.1	100.0	0	6	BW
SO4-- corr	0.43	0.25	1.04	74.0	100.0	0	6	BW
SO4--	0.63	0.38	1.32	110.0	100.0	0	6	BW

DK0008R Anholt Denmark

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num sampl	Samp flag
NH4+	0.50	0.39	0.64	123.8	100.0	0	6	BW
Ca++	0.17	0.10	0.26	40.8	100.0	0	6	BW
Cl-	5.01	1.06	9.63	1236.4	100.0	0	6	BW
Mg++	0.307	0.090	0.570	75.8	100.0	0	6	BW
NO3-	0.65	0.56	0.80	159.9	100.0	0	6	BW
pH	4.46	4.28	4.66	8602.2	100.0	0	6	BW
K+	0.14	0.05	0.22	33.7	100.0	0	6	BW
Precip	-	11.4	58.6	246.7	100.0	0	6	BW
Na+	2.92	0.77	5.37	721.2	100.0	0	6	BW
SO4-- corr	0.48	0.34	0.78	117.4	100.0	0	6	BW
SO4--	0.72	0.55	0.86	177.3	100.0	0	6	BW

DK0022R Sepstrup Sande Denmark

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.71	0.34	2.03	155.0	100.0	0	6 BW
Ca++	0.12	0.07	0.48	26.8	100.0	0	6 BW
Cl-	1.31	0.26	2.88	286.0	100.0	0	6 BW
Mg++	0.074	0.010	0.170	16.2	100.0	0	6 BW
NO3-	0.53	0.28	1.69	115.8	100.0	0	6 BW
pH	5.00	4.54	5.81	2188.8	100.0	0	6 BW
K+	0.05	0.04	0.12	11.1	100.0	0	6 BW
Precip	-	9.1	66.4	217.6	114.1	0	6 BW
Na+	0.78	0.15	1.63	169.5	100.0	0	6 BW
SO4-- corr	0.47	0.29	1.29	101.2	100.0	0	6 BW
SO4--	0.53	0.41	1.41	115.1	100.0	0	6 BW

DK0022R Sepstrup Sande Denmark

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.64	0.40	0.93	119.5	100.0	0	5 BW
Ca++	0.08	0.05	0.10	15.1	100.0	0	5 BW
Cl-	0.80	0.56	1.70	147.8	100.0	0	5 BW
Mg++	0.040	0.030	0.064	7.4	100.0	0	5 BW
NO3-	0.57	0.34	0.92	106.5	100.0	0	5 BW
pH	4.76	4.55	5.06	3265.8	100.0	0	5 BW
K+	0.03	0.03	0.04	6.2	100.0	0	5 BW
Precip	-	0.0	66.9	185.8	100.0	1	6 BW
Na+	0.44	0.32	0.80	81.1	100.0	0	5 BW
SO4-- corr	0.49	0.30	0.81	90.4	100.0	0	5 BW
SO4--	0.52	0.34	0.84	97.0	100.0	0	5 BW

DK0022R Sepstrup Sande Denmark

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.47	0.33	1.00	133.0	100.0	0	6 BW
Ca++	0.12	0.06	0.17	35.0	100.0	0	6 BW
Cl-	4.01	0.46	6.75	1132.2	100.0	0	6 BW
Mg++	0.228	0.030	0.390	64.3	100.0	0	6 BW
NO3-	0.50	0.33	0.99	140.7	100.0	0	6 BW
pH	4.79	4.47	5.56	4558.1	100.0	0	6 BW
K+	0.11	0.06	0.14	30.2	100.0	0	6 BW
Precip	-	17.7	82.6	282.0	100.0	0	6 BW
Na+	2.29	0.26	3.78	644.4	100.0	0	6 BW
SO4-- corr	0.36	0.24	0.70	100.3	100.0	0	6 BW
SO4--	0.55	0.42	0.73	154.2	100.0	0	6 BW

EE0009R Lahemaa Estonia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.15	0.01	0.42	25.7	99.6	0	26 W
Ca++	0.27	0.00	0.70	45.7	71.2	0	17 W
Cl-	0.91	0.20	2.90	155.6	97.3	0	24 W
Mg++	0.089	0.010	0.200	15.3	93.4	0	20 W
NO3-	0.33	0.15	0.78	57.2	97.3	0	24 W
pH	4.76	3.98	6.07	3001.7	100.0	0	27 W
K+	0.08	0.05	0.14	13.1	93.4	0	20 W
Precip	-	0.0	20.9	171.6	103.3	13	40 W
Na+	0.48	0.05	1.36	82.4	93.4	0	20 W
SO4-- corr	0.30	0.15	0.89	51.1	97.3	0	24 W
SO4--	0.34	0.18	0.90	58.6	97.3	0	24 W

EE0009R Lahemaa Estonia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.31	0.04	0.94	27.1	97.5	0	8 W
Ca++	0.36	0.20	1.70	31.7	97.4	0	8 W
Cl-	0.40	0.30	1.20	34.9	99.5	0	9 W
Mg++	0.048	0.030	0.170	4.2	97.4	0	8 W
NO3-	0.52	0.26	1.11	46.0	55.7	0	9 W
pH	4.78	4.41	6.50	1479.9	100.0	0	10 W
K+	0.25	0.10	0.64	22.3	97.4	0	8 W
Precip	-	0.0	21.4	88.1	98.9	3	13 W
Na+	0.24	0.10	0.48	21.3	97.4	0	8 W
SO4-- corr	0.56	0.15	1.95	48.9	99.5	0	9 W
SO4--	0.58	0.17	2.07	51.1	99.5	0	9 W

EE0009R Lahemaa Estonia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.07	0.00	0.22	17.7	100.0	3	13 W
Ca++	0.22	0.10	0.50	54.9	100.0	0	13 W
Cl-	0.16	0.05	1.20	40.2	100.0	2	13 W
Mg++	0.021	0.005	0.090	5.4	100.0	4	13 W
NO3-	0.09	0.01	0.35	21.8	100.0	1	13 W
pH	4.98	4.60	6.29	2654.0	100.0	0	13 W
K+	0.10	0.05	0.55	24.4	100.0	8	13 W
Precip	-	4.0	43.3	252.9	98.9	0	13 W
Na+	0.07	0.05	0.42	18.5	100.0	8	13 W
SO4-- corr	0.31	0.14	0.46	77.7	100.0	0	13 W
SO4--	0.32	0.14	0.52	79.9	100.0	0	13 W

EE0009R Lahemaa Estonia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.13	0.01	0.39	18.6	98.4	0	9 W
Ca++	0.23	0.10	0.70	32.7	100.0	0	10 W
Cl-	0.31	0.10	0.70	44.2	100.0	0	10 W
Mg++	0.036	0.005	0.140	5.0	100.0	2	10 W
NO3-	0.36	0.10	0.53	50.1	95.8	0	9 W
pH	4.46	4.21	5.08	4811.9	100.0	0	10 W
K+	0.06	0.05	0.20	8.3	100.0	7	10 W
Precip	-	0.0	40.2	140.1	100.0	3	13 W
Na+	0.12	0.05	0.53	16.6	100.0	4	10 W
SO4-- corr	0.48	0.32	0.99	67.6	100.0	0	10 W
SO4--	0.51	0.34	1.00	70.8	100.0	0	10 W

EE0011R Vilsandi Estonia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.20	0.04	0.40	24.5	100.0	0	11 W
Ca++	0.37	0.10	1.10	44.4	100.0	0	11 W
Cl-	3.00	0.50	9.70	362.3	100.0	0	11 W
Mg++	0.282	0.005	0.590	34.1	100.0	0	11 W
NO3-	0.62	0.28	1.37	74.4	100.0	0	11 W
pH	4.64	4.14	5.37	2772.5	100.0	0	11 W
K+	0.13	0.05	0.60	16.0	100.0	1	11 W
Precip	-	0.0	17.2	120.9	103.3	29	40 W
Na+	2.37	0.26	5.79	286.8	100.0	0	11 W
SO4-- corr	0.51	0.22	1.21	61.7	100.0	0	11 W
SO4--	0.69	0.34	1.56	83.2	100.0	0	11 W

EE0011R Vilsandi Estonia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.44	0.25	0.81	33.3	100.0	0	8 W
Ca++	0.45	0.20	1.50	34.8	100.0	0	8 W
Cl-	0.57	0.30	1.10	43.5	100.0	0	8 W
Mg++	0.139	0.050	0.280	10.6	100.0	0	8 W
NO3-	0.57	0.32	1.05	43.3	100.0	0	8 W
pH	4.45	4.04	6.09	2714.4	100.0	0	8 W
K+	0.12	0.05	0.56	8.9	100.0	2	8 W
Precip	-	0.0	26.1	76.5	98.9	5	13 W
Na+	0.62	0.10	1.93	47.7	100.0	0	8 W
SO4-- corr	0.79	0.54	1.58	60.1	100.0	0	8 W
SO4--	0.85	0.57	1.63	64.8	100.0	0	8 W

EE0011R Vilsandi Estonia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.09	0.01	0.24	17.2	100.0	0	8 W
Ca++	0.26	0.10	1.10	51.5	100.0	0	8 W
Cl-	0.08	0.00	0.20	15.9	100.0	3	8 W
Mg++	0.057	0.020	0.190	11.4	100.0	0	8 W
NO3-	0.09	0.01	0.19	17.6	100.0	0	8 W
pH	4.78	4.53	6.18	3289.1	100.0	0	8 W
K+	0.09	0.05	0.45	17.1	100.0	4	8 W
Precip	-	0.0	51.8	199.6	98.9	5	13 W
Na+	0.34	0.13	1.11	68.0	100.0	0	8 W
SO4-- corr	0.26	0.15	0.80	52.0	100.0	0	8 W
SO4--	0.29	0.16	0.82	58.4	100.0	0	8 W

EE0011R Vilsandi Estonia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.32	0.13	0.70	53.6	100.0	0	6 W
Ca++	0.14	0.05	0.80	23.4	100.0	2	6 W
Cl-	0.32	0.30	0.40	52.6	100.0	0	6 W
Mg++	0.016	0.005	0.110	2.7	100.0	3	6 W
NO3-	0.28	0.25	0.43	46.9	100.0	0	6 W
pH	4.45	4.06	6.31	5943.9	100.0	0	6 W
K+	0.05	0.05	0.05	8.3	100.0	6	6 W
Precip	-	0.0	55.1	166.4	100.0	7	13 W
Na+	0.34	0.22	0.60	56.0	100.0	0	6 W
SO4-- corr	0.44	0.26	0.80	73.2	100.0	0	6 W
SO4--	0.46	0.29	0.82	76.6	100.0	0	6 W

ES0001R Toledo Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.34	0.04	0.89	11.3	95.8	0	10
Ca++	0.46	0.09	0.66	15.3	95.2	0	9
Cl-	0.75	0.51	1.10	25.0	95.8	0	10
Mg++	0.064	0.010	0.100	2.1	95.2	0	9
NO3-	0.30	0.14	0.45	9.9	95.8	0	10
pH	5.60	5.12	6.87	84.0	99.4	0	14
K+	0.11	0.03	0.22	3.7	95.2	0	9
Precip	-	0.0	9.2	33.2	97.8	76	89
Na+	0.29	0.05	0.74	9.6	95.2	0	9
SO4-- corr	0.49	0.28	0.77	16.4	95.8	0	10
SO4--	0.54	0.28	0.84	17.8	95.8	0	10

ES0001R Toledo Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.18	0.04	1.25	33.8	98.5	13	30
Ca++	0.60	0.10	2.86	109.2	97.9	0	29
Cl-	0.87	0.56	3.26	158.8	98.6	0	31
Mg++	0.078	0.030	0.450	14.3	97.9	0	29
NO3-	0.21	0.04	0.79	39.2	98.6	1	31
pH	6.01	5.32	7.18	178.7	99.2	0	36
K+	0.10	0.05	0.64	19.3	97.9	0	29
Precip	-	0.0	32.4	183.6	94.6	50	87
Na+	0.37	0.19	2.80	68.7	97.9	0	29
SO4-- corr	0.49	0.18	1.53	89.1	98.6	0	31
SO4--	0.52	0.20	1.57	96.0	98.6	0	31

ES0001R Toledo Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.11	0.11	0.1	50.0	0	1
Cl-	2.84	2.83	2.84	3.4	83.3	0	2
NO3-	0.75	0.56	1.03	0.9	83.3	0	2
pH	6.91	5.00	7.06	0.1	83.3	0	75
Precip	-	0.0	0.6	1.2	19.6	15	18
SO4-- corr	1.28	0.95	1.77	1.5	83.3	0	2
SO4--	1.41	1.08	1.90	1.7	83.3	0	2

ES0001R Toledo Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
pH	-	5.00	5.00	-	0.0	0	91

ES0003R Roquetas Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.09	0.04	0.17	3.3	99.2	1	2
Ca++	2.22	1.30	3.65	80.0	99.2	0	2
Cl-	1.49	0.82	4.42	53.7	99.2	0	3
Mg++	0.278	0.180	0.430	10.0	99.2	0	2
NO3-	0.46	0.22	2.83	16.7	99.2	0	3
pH	6.60	5.16	6.79	9.0	100.0	0	4
K+	0.17	0.09	0.30	6.2	99.2	0	2
Precip	-	0.0	21.7	36.0	65.9	57	60
Na+	0.74	0.38	1.30	26.7	99.2	0	2
SO4-- corr	0.63	0.40	3.13	22.7	99.2	0	3
SO4--	0.77	0.43	3.34	27.6	99.2	0	3

ES0003R Roquetas Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.33	0.04	2.64	54.3	98.5	2	13
Ca++	5.41	1.36	21.90	885.9	68.4	0	9
Cl-	2.95	0.74	6.74	482.6	99.7	0	15
Mg++	0.379	0.120	1.400	62.1	68.4	0	9
NO3-	1.39	0.22	6.23	227.2	99.7	0	15
pH	7.06	6.80	7.55	14.2	100.0	0	16
K+	0.22	0.07	1.08	36.1	68.4	0	9
Precip	-	0.0	45.6	163.8	100.0	76	92
Na+	1.12	0.26	2.90	183.3	68.4	0	9
SO4-- corr	1.68	0.28	10.52	275.9	99.7	0	15
SO4--	1.83	0.36	10.83	299.5	99.7	0	15

ES0003R Roquetas Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.84	0.04	1.81	30.5	100.0	1	3
Ca++	4.17	3.22	5.60	150.9	97.8	0	2
Cl-	0.76	0.69	1.76	27.4	100.0	0	3
Mg++	0.368	0.300	0.470	13.3	97.8	0	2
NO3-	0.61	0.40	1.50	22.1	100.0	0	3
pH	6.63	5.00	7.15	8.5	100.0	0	85
K+	0.56	0.26	1.02	20.4	97.8	0	2
Precip	-	0.0	21.3	36.2	10.9	7	10
Na+	0.31	0.28	0.35	11.1	97.8	0	2
SO4-- corr	0.94	0.55	1.55	34.0	100.0	0	3
SO4--	0.97	0.57	1.58	35.0	100.0	0	3

ES0003R Roquetas Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
pH	-	5.00	5.00	-	0.0	0	91

ES0004R Logrono Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.52	0.15	2.03	32.4	95.5	0	6
Ca++	0.42	0.16	0.91	26.5	95.5	0	6
Cl-	1.87	0.62	6.13	117.0	96.5	0	7
Mg++	0.154	0.020	0.380	9.6	95.5	0	6
NO3-	0.50	0.24	2.61	31.0	96.5	0	7
pH	5.28	5.13	8.11	328.6	99.0	0	12
K+	0.14	0.08	0.38	9.0	95.5	0	6
Precip	-	0.0	21.0	62.4	95.6	73	87
Na+	0.98	0.14	4.00	61.2	95.5	0	6
SO4-- corr	0.70	0.42	2.91	43.4	96.5	0	7
SO4--	0.79	0.46	3.10	49.2	96.5	0	7

ES0004R Logrono Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.89	0.24	2.25	70.6	84.9	0	20
Ca++	3.05	0.97	14.90	242.0	84.9	0	20
Cl-	0.86	0.48	2.85	68.3	88.2	0	23
Mg++	0.176	0.050	0.600	14.0	84.9	0	20
NO3-	0.74	0.29	2.26	58.6	88.2	0	23
pH	6.85	6.59	7.21	11.2	91.9	0	29
K+	0.52	0.09	2.60	41.2	84.9	0	20
Precip	-	0.0	11.4	79.4	100.0	58	92
Na+	0.38	0.14	1.47	30.1	84.9	0	20
SO4-- corr	0.99	0.39	3.59	78.6	88.2	0	23
SO4--	1.04	0.43	3.71	82.5	88.2	0	23

ES0004R Logrono Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	2.49	0.22	9.59	191.5	95.3	0	12
Ca++	2.91	1.11	6.70	223.5	94.3	0	11
Cl-	1.30	0.58	9.59	100.1	95.3	0	12
Mg++	0.210	0.080	0.560	16.2	94.3	0	11
NO3-	0.64	0.24	2.52	48.8	95.3	0	12
pH	6.60	6.23	7.22	19.1	95.3	0	12
K+	1.73	0.69	5.60	133.0	94.3	0	11
Precip	-	0.0	14.6	76.8	96.7	74	89
Na+	0.45	0.05	2.13	34.7	94.3	1	11
SO4-- corr	1.03	0.03	4.11	79.1	95.3	0	12
SO4--	1.13	0.22	4.50	86.8	95.3	0	12

ES0004R Logrono Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.71	0.04	1.98	98.3	96.4	1	20
Ca++	1.52	0.47	15.30	210.7	92.7	0	16
Cl-	0.93	0.00	6.77	128.7	97.7	1	23
Mg++	0.102	0.040	0.600	14.2	92.7	0	16
NO3-	0.48	0.09	2.65	66.9	97.4	0	22
pH	6.64	5.61	7.06	31.6	99.3	0	26
K+	0.62	0.19	3.00	85.8	92.7	0	16
Precip	-	0.0	19.8	139.0	97.8	60	89
Na+	0.31	0.05	2.22	43.3	92.7	1	16
SO4-- corr	0.88	0.32	7.62	121.6	97.4	0	22
SO4--	0.93	0.35	7.81	129.2	97.4	0	22

ES0005R Noia Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	-	0.04	0.10	-	0.0	0	15
Ca++	-	0.08	0.75	-	0.0	0	15
Cl-	-	1.45	11.28	-	0.0	0	15
Mg++	-	0.090	0.800	-	0.0	0	15
NO3-	-	0.10	0.65	-	0.0	0	15
pH	-	5.12	5.29	-	0.0	0	15
K+	-	0.05	0.32	-	0.0	0	15
Precip	-	0.0	0.0	0.0	65.9	60	60
Na+	-	0.71	7.60	-	0.0	0	15
SO4-- corr	-	0.19	0.44	-	0.0	0	15
SO4--	-	0.31	0.76	-	0.0	0	15

ES0005R Noia Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.05	0.04	0.60	37.0	100.0	22	30
Ca++	0.19	0.04	5.50	127.1	100.0	0	30
Cl-	1.97	0.53	11.43	1321.5	100.0	0	30
Mg++	0.148	0.030	0.800	99.6	100.0	0	30
NO3-	0.15	0.11	0.82	103.4	100.0	0	30
pH	5.39	4.00	6.88	2760.4	100.0	0	33
K+	0.06	0.03	0.34	40.5	100.0	7	30
Precip	-	0.0	99.8	672.1	96.7	59	89
Na+	1.16	0.10	6.80	778.4	100.0	0	30
SO4-- corr	0.32	0.14	1.90	214.4	100.0	0	30
SO4--	0.42	0.24	1.91	279.4	100.0	0	30

ES0005R Noia Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
pH	-	5.00	5.00	-	0.0	0	92

ES0005R Noia Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
pH	-	5.00	5.00	-	0.0	0	91

ES0007R Viznar Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.04	0.62	8.5	93.4	2	10
Ca++	0.63	0.36	1.43	49.5	93.4	0	10
Cl-	0.71	0.55	0.92	55.7	93.4	0	10
Mg++	0.159	0.090	0.340	12.5	93.4	0	10
NO3-	0.25	0.16	0.64	20.1	93.4	0	10
pH	5.23	5.13	6.59	468.5	93.4	0	10
K+	0.09	0.06	0.16	6.9	93.4	0	10
Precip	-	0.0	19.0	78.8	96.7	77	88
Na+	0.10	0.05	0.26	8.3	93.4	0	10
SO4-- corr	0.48	0.30	1.28	37.7	93.4	0	10
SO4--	0.53	0.36	1.29	41.6	93.4	0	10

ES0007R Viznar Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.19	0.04	1.30	45.3	97.2	11	28
Ca++	1.50	0.39	4.90	366.2	95.6	0	24
Cl-	1.04	0.43	5.59	253.7	97.2	0	28
Mg++	0.266	0.080	1.100	65.0	95.6	0	24
NO3-	0.31	0.04	1.57	76.1	97.2	1	28
pH	6.39	5.91	7.14	98.5	97.5	0	30
K+	0.12	0.03	0.66	30.7	95.6	2	24
Precip	-	0.0	21.2	244.8	98.9	57	91
Na+	0.49	0.05	2.64	120.3	95.6	1	24
SO4-- corr	0.59	0.17	4.90	145.0	97.2	0	28
SO4--	0.65	0.23	5.09	159.6	97.2	0	28

ES0007R Viznar Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
Precip	-	0.0	0.0	0.0	100.0	92	92

ES0007R Viznar Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.04	1.08	29.8	97.6	16	23
Ca++	1.34	0.51	12.50	282.6	97.4	0	22
Cl-	0.81	0.53	5.75	171.2	98.5	0	25
Mg++	0.219	0.100	1.600	46.0	97.4	0	22
NO3-	0.34	0.18	2.12	72.2	98.5	0	25
pH	6.54	6.20	7.28	60.1	98.8	0	27
K+	0.11	0.03	0.74	23.9	97.4	1	22
Precip	-	0.0	31.4	210.4	97.8	58	89
Na+	0.32	0.10	3.20	67.3	97.4	0	22
SO4-- corr	0.52	0.23	2.70	108.9	98.5	0	25
SO4--	0.56	0.30	2.78	118.5	98.5	0	25

ES0008R Niembro Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.63	0.04	3.28	67.2	99.1	4	35
Ca++	1.36	0.19	5.30	144.7	84.6	0	30
Cl-	18.37	1.54	214.50	1954.4	100.0	0	38
Mg++	1.170	0.140	13.500	124.5	84.6	0	30
NO3-	0.84	0.13	3.32	89.0	100.0	0	38
pH	5.26	4.58	7.05	589.4	100.0	0	39
K+	0.46	0.05	4.30	49.4	84.6	0	30
Precip	-	0.0	23.2	106.4	98.9	58	90
Na+	10.92	1.03	112.00	1162.3	84.6	0	30
SO4-- corr	0.92	0.24	4.97	97.3	100.0	0	38
SO4--	1.78	0.53	10.60	189.7	100.0	0	38

ES0008R Niembro Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.44	0.04	6.22	90.8	98.6	6	46
Ca++	0.57	0.21	9.00	119.1	98.1	0	42
Cl-	4.32	0.71	37.75	898.4	98.6	0	46
Mg++	0.351	0.080	2.900	73.1	98.1	0	42
NO3-	0.55	0.11	5.55	114.3	98.6	0	46
pH	4.68	3.71	7.44	4320.9	98.6	0	46
K+	0.20	0.05	5.80	41.7	98.1	0	42
Precip	-	0.0	32.6	208.2	100.0	42	92
Na+	2.70	0.54	23.75	562.8	98.1	0	42
SO4-- corr	0.89	0.30	6.02	185.4	98.6	0	46
SO4--	1.12	0.45	7.44	232.9	98.6	0	46

ES0008R Niembro Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.53	0.04	4.38	44.8	99.3	3	24
Ca++	0.63	0.21	2.99	53.4	96.9	0	21
Cl-	4.95	1.33	30.33	417.8	99.5	0	25
Mg++	0.409	0.120	1.500	34.5	96.9	0	21
NO3-	0.60	0.21	6.70	50.5	99.5	0	25
pH	4.54	3.55	6.92	2410.3	99.5	0	25
K+	0.21	0.07	0.63	17.5	96.9	0	21
Precip	-	0.0	13.6	84.4	100.0	65	92
Na+	3.38	0.71	13.10	285.0	96.9	0	21
SO4-- corr	1.38	0.52	9.98	116.7	99.5	0	25
SO4--	1.65	0.80	11.39	139.5	99.5	0	25

ES0008R Niembro Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.09	0.04	3.75	25.2	98.7	27	47
Ca++	0.52	0.07	5.10	141.1	98.4	0	45
Cl-	9.86	0.22	27.81	2659.0	99.1	0	48
Mg++	0.688	0.070	2.400	185.6	98.4	0	45
NO3-	0.29	0.04	4.33	79.4	99.1	1	48
pH	5.28	4.10	6.96	1407.6	99.1	0	48
K+	0.26	0.03	1.30	70.8	98.4	3	45
Precip	-	0.0	58.0	269.6	100.0	40	91
Na+	6.16	0.43	15.70	1660.5	98.4	0	45
SO4-- corr	0.49	0.18	5.30	132.3	99.1	0	48
SO4--	0.99	0.45	6.37	267.6	99.1	0	48

ES0009R Campisabalos Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.04	0.45	4.6	82.5	0	11
Ca++	0.41	0.18	1.36	16.6	82.5	0	11
Cl-	0.73	0.54	1.71	29.2	82.5	0	11
Mg++	0.054	0.030	0.210	2.2	82.5	0	11
NO3-	0.24	0.11	0.54	9.8	82.5	0	11
pH	5.28	5.14	6.44	211.8	86.0	0	13
K+	0.06	0.03	0.19	2.5	82.5	0	11
Precip	-	0.0	9.6	40.0	97.8	67	89
Na+	0.27	0.11	0.96	10.8	82.5	0	11
SO4-- corr	0.28	0.21	0.68	11.4	82.5	0	11
SO4--	0.32	0.24	0.76	12.7	82.5	0	11

ES0009R Campisabalos Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.33	0.04	3.63	58.6	96.0	7	31
Ca++	1.64	0.05	11.60	294.6	93.7	0	28
Cl-	0.66	0.42	3.03	117.9	97.8	0	37
Mg++	0.083	0.010	0.700	14.9	93.7	2	28
NO3-	0.28	0.04	2.04	51.1	98.2	1	38
pH	6.24	5.30	7.47	104.1	98.6	0	39
K+	0.05	0.03	0.31	10.0	93.7	10	28
Precip	-	0.0	27.2	179.6	93.5	40	86
Na+	0.21	0.05	3.30	36.9	93.7	4	28
SO4-- corr	0.39	0.16	1.99	69.9	97.8	0	37
SO4--	0.43	0.16	2.09	76.3	98.2	0	38

ES0009R Campisabalos Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.52	0.04	0.68	12.1	97.4	3	7
Ca++	1.94	1.15	3.50	45.0	97.4	0	7
Cl-	0.81	0.52	1.87	18.8	99.1	0	8
Mg++	0.176	0.070	0.450	4.1	97.4	0	7
NO3-	0.67	0.45	1.01	15.4	99.1	0	8
pH	6.47	6.16	7.27	7.9	100.0	0	9
K+	0.19	0.06	0.37	4.4	97.4	0	7
Precip	-	0.0	7.6	23.2	94.6	78	87
Na+	0.62	0.14	1.34	14.4	97.4	0	7
SO4-- corr	0.65	0.29	1.06	15.2	99.1	0	8
SO4--	0.72	0.31	1.11	16.7	99.1	0	8

ES0009R Campisabalos Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.06	0.04	0.60	9.4	95.1	10	18
Ca++	0.54	0.21	1.25	80.7	93.2	0	15
Cl-	1.27	0.47	27.20	190.2	94.8	0	21
Mg++	0.126	0.030	0.420	18.9	93.2	0	15
NO3-	0.17	0.04	1.33	25.6	96.3	2	22
pH	6.35	5.56	7.56	67.5	97.9	0	27
K+	0.12	0.03	1.29	18.4	94.0	2	16
Precip	-	0.0	22.6	149.6	92.3	49	84
Na+	0.61	0.10	1.89	91.0	93.2	0	15
SO4-- corr	0.37	0.14	4.28	55.9	96.3	0	22
SO4--	0.44	0.16	5.55	65.5	96.3	0	22

ES0010R Cabo de Creus Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.28	0.19	1.30	16.7	98.0	0	9
Ca++	4.67	0.86	17.00	282.9	97.4	0	7
Cl-	62.12	12.93	422.00	3764.7	98.0	0	9
Mg++	4.245	1.000	27.000	257.2	97.4	0	7
NO3-	0.62	0.51	1.85	37.3	98.3	0	10
pH	5.58	5.15	7.33	157.9	98.3	0	10
K+	1.51	0.32	8.60	91.3	97.4	0	7
Precip	-	0.0	26.4	60.6	100.0	78	91
Na+	34.85	7.40	216.00	2111.9	97.4	0	7
SO4-- corr	1.17	0.43	17.25	70.8	98.0	0	9
SO4--	4.09	1.27	35.33	248.1	98.3	0	10

ES0010R Cabo de Creus Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.33	0.04	3.06	35.0	96.4	7	18
Ca++	10.42	2.44	29.60	1114.9	91.8	0	17
Cl-	25.97	3.52	396.00	2778.2	96.6	0	19
Mg++	2.295	0.400	27.000	245.5	91.8	0	17
NO3-	1.13	0.18	3.54	120.8	96.6	0	19
pH	6.93	6.36	7.97	12.6	96.6	0	19
K+	0.94	0.28	8.25	100.9	91.8	0	17
Precip	-	0.0	44.8	107.0	98.9	68	91
Na+	15.28	2.40	242.00	1635.4	91.8	0	17
SO4-- corr	2.08	0.54	23.29	222.0	96.6	0	19
SO4--	3.31	0.94	25.42	354.1	96.6	0	19

ES0010R Cabo de Creus Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.28	0.04	0.77	14.1	93.3	2	8
Ca++	5.05	2.55	20.00	255.4	93.3	0	8
Cl-	58.76	13.51	133.67	2973.3	93.3	0	8
Mg++	4.244	1.300	9.500	214.7	93.3	0	8
NO3-	0.69	0.32	3.68	35.1	93.3	0	8
pH	6.07	5.87	7.16	43.3	93.7	0	9
K+	1.69	0.54	7.90	85.3	93.3	0	8
Precip	-	0.0	23.8	50.6	98.9	79	91
Na+	35.46	10.50	81.50	1794.3	93.3	0	8
SO4-- corr	0.67	0.27	3.81	33.8	93.3	0	8
SO4--	3.59	2.15	7.07	181.5	93.3	0	8

ES0010R Cabo de Creus Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.22	0.04	0.84	8.6	83.8	8	15
Ca++	4.21	1.57	12.40	161.0	83.8	0	15
Cl-	33.35	5.53	123.60	1274.1	83.8	0	15
Mg++	2.554	0.800	8.500	97.6	83.8	0	15
NO3-	0.65	0.17	2.18	24.7	83.8	0	15
pH	6.82	6.59	7.24	5.8	83.8	0	15
K+	1.45	0.22	5.00	55.4	83.8	0	15
Precip	-	0.0	8.4	38.2	98.9	68	90
Na+	19.49	5.10	66.00	744.6	83.8	0	15
SO4-- corr	0.77	0.26	3.01	29.4	83.8	0	15
SO4--	2.40	1.05	8.53	91.7	83.8	0	15

ES0011R Barcarrola Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.55	0.04	2.63	44.6	92.8	0	14
Ca++	1.48	0.16	3.75	119.7	92.8	0	14
Cl-	1.81	0.64	3.97	146.4	92.8	0	14
Mg++	0.399	0.060	1.100	32.2	92.8	0	14
NO3-	0.41	0.15	1.56	33.6	92.8	0	14
pH	5.27	5.13	6.73	436.2	92.8	0	14
K+	0.50	0.08	3.40	40.8	92.8	0	14
Precip	-	0.0	10.8	80.8	96.7	66	88
Na+	0.93	0.21	3.40	74.7	92.8	0	14
SO4-- corr	0.79	0.28	1.91	63.7	92.8	0	14
SO4--	0.87	0.33	2.01	70.5	92.8	0	14

ES0011R Barcarrola Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.29	0.04	5.01	50.6	93.3	15	31
Ca++	2.47	0.80	22.60	430.5	92.4	0	29
Cl-	1.48	0.09	17.02	257.9	93.7	0	33
Mg++	0.875	0.430	5.500	152.5	92.4	0	29
NO3-	0.30	0.04	2.68	52.0	93.7	1	33
pH	6.62	6.28	8.31	42.1	95.1	0	35
K+	0.28	0.07	2.90	48.5	92.4	0	29
Precip	-	0.0	26.8	174.4	97.8	47	90
Na+	0.85	0.19	5.60	147.4	92.4	0	29
SO4-- corr	0.51	-0.15	3.96	88.3	93.7	1	33
SO4--	0.59	0.34	4.75	102.3	93.7	0	33

ES0011R Barcarrola Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	1.02	1.02	1.02	6.1	83.3	0	1
Ca++	7.70	7.70	7.70	46.2	83.3	0	1
Cl-	1.22	1.22	1.22	7.3	83.3	0	1
Mg++	3.800	3.800	3.800	22.8	83.3	0	1
NO3-	0.66	0.66	0.66	4.0	83.3	0	1
pH	6.38	6.38	6.38	2.5	83.3	0	1
K+	0.85	0.85	0.85	5.1	83.3	0	1
Precip	-	0.0	5.0	6.0	96.7	87	89
Na+	0.80	0.80	0.80	4.8	83.3	0	1
SO4-- corr	1.11	1.11	1.11	6.7	83.3	0	1
SO4--	1.18	1.18	1.18	7.1	83.3	0	1

ES0011R Barcarrola Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.06	0.04	0.56	10.7	91.1	15	24
Ca++	2.59	0.78	24.90	439.0	90.9	0	23
Cl-	1.69	0.65	17.59	285.7	91.1	0	24
Mg++	1.338	0.330	21.500	226.4	90.9	0	23
NO3-	0.26	0.04	1.74	44.3	91.1	2	24
pH	6.90	6.39	7.15	21.5	91.1	0	24
K+	0.16	0.03	2.90	27.4	90.9	1	23
Precip	-	0.0	36.0	169.2	100.0	58	91
Na+	0.87	0.23	8.20	147.6	90.9	0	23
SO4-- corr	0.59	0.05	2.99	100.1	91.1	0	24
SO4--	0.67	0.36	3.37	112.8	91.1	0	24

ES0012R Zarra Spain

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.15	0.04	0.54	4.4	88.1	1	6
Ca++	3.99	2.02	16.30	120.5	78.1	0	5
Cl-	1.00	0.78	5.69	30.3	88.1	0	6
Mg++	0.538	0.350	2.000	16.3	78.1	0	5
NO3-	0.55	0.30	3.32	16.6	88.1	0	6
pH	5.55	5.13	7.35	84.1	97.4	0	8
K+	0.10	0.06	0.50	3.0	78.1	0	5
Precip	-	0.0	10.8	30.2	100.0	80	91
Na+	0.70	0.33	5.60	21.3	78.1	0	5
SO4-- corr	0.62	0.48	2.40	18.6	88.1	0	6
SO4--	0.68	0.53	2.87	20.4	88.1	0	6

ES0012R Zarra Spain

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.58	0.04	1.82	55.0	97.9	5	21
Ca++	7.11	1.11	27.30	674.1	97.9	0	21
Cl-	1.55	0.47	7.24	147.4	97.9	0	21
Mg++	0.369	0.070	1.300	35.0	97.9	0	21
NO3-	0.91	0.04	3.06	86.1	97.9	1	21
pH	6.95	6.64	7.89	10.6	97.9	0	21
K+	0.27	0.03	0.98	25.7	97.9	2	21
Precip	-	0.0	20.8	94.8	100.0	68	92
Na+	1.04	0.05	5.70	98.8	97.9	1	21
SO4-- corr	0.98	0.13	3.33	92.7	97.9	0	21
SO4--	1.09	0.18	3.81	103.0	97.9	0	21

ES0012R Zarra Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.52	0.13	0.74	7.2	94.2	0	3
Ca++	21.64	8.10	37.50	298.7	94.2	0	3
Cl-	3.31	1.28	6.22	45.7	94.2	0	3
Mg++	1.208	0.350	2.400	16.7	94.2	0	3
NO3-	4.38	1.55	7.91	60.5	94.2	0	3
pH	6.84	6.64	7.30	2.0	94.2	0	3
K+	0.89	0.39	1.50	12.3	94.2	0	3
Precip	-	0.0	6.8	13.8	100.0	88	92
Na+	2.58	0.79	4.70	35.5	94.2	0	3
SO4-- corr	3.88	1.39	6.93	53.5	94.2	0	3
SO4--	4.09	1.46	7.29	56.5	94.2	0	3

ES0012R Zarra Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.17	0.04	0.43	18.5	98.9	9	19
Ca++	3.99	1.28	28.30	429.0	98.9	0	19
Cl-	0.94	0.55	5.08	101.0	99.3	0	20
Mg++	0.295	0.080	2.500	31.7	98.9	0	19
NO3-	0.63	0.17	6.76	68.2	99.3	0	20
pH	6.96	6.52	7.54	11.9	99.3	0	20
K+	0.12	0.03	1.30	13.1	98.9	2	19
Precip	-	0.0	38.4	107.4	100.0	69	91
Na+	0.47	0.14	4.00	49.9	98.9	0	19
SO4-- corr	0.56	0.20	5.68	60.1	99.3	0	20
SO4--	0.62	0.26	6.02	66.3	99.3	0	20

ES0013R Penausende Spain

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.04	0.04	0.04	0.3	97.7	1	1
Ca++	1.65	1.65	1.65	14.2	97.7	0	1
Cl-	1.24	1.24	1.24	10.7	97.7	0	1
Mg++	0.370	0.370	0.370	3.2	97.7	0	1
NO3-	0.22	0.22	0.22	1.9	97.7	0	1
pH	6.94	6.94	6.94	1.0	97.7	0	1
K+	0.23	0.23	0.23	2.0	97.7	0	1
Precip	-	0.0	8.4	8.6	33.7	29	31
Na+	0.99	0.99	0.99	8.5	97.7	0	1
SO4-- corr	0.62	0.62	0.62	5.3	97.7	0	1
SO4--	0.70	0.70	0.70	6.0	97.7	0	1

ES0013R Penausende Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.04	1.19	15.2	97.8	11	26
Ca++	0.40	0.12	3.84	57.1	94.2	0	24
Cl-	0.95	0.52	6.54	136.9	98.5	0	30
Mg++	0.114	0.030	0.800	16.4	94.2	0	24
NO3-	0.17	0.04	1.50	24.1	98.5	4	30
pH	6.45	6.05	7.14	51.4	98.6	0	31
K+	0.08	0.03	1.01	12.1	94.2	4	24
Precip	-	0.0	21.6	143.8	98.9	56	90
Na+	0.51	0.15	4.50	73.4	94.2	0	24
SO4-- corr	0.29	0.14	1.94	41.9	98.5	0	30
SO4--	0.34	0.20	2.01	49.4	98.5	0	30

ES0014R Els Torms Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.29	0.04	0.54	14.5	92.1	1	6
Ca++	2.98	2.11	4.08	150.5	92.1	0	6
Cl-	0.67	0.49	0.92	33.6	94.4	0	7
Mg++	0.254	0.160	0.600	12.8	92.1	0	6
NO3-	0.26	0.22	0.40	13.1	94.4	0	7
pH	7.07	7.01	7.30	4.3	94.4	0	7
K+	0.10	0.08	0.16	5.2	92.1	0	6
Precip	-	0.0	23.8	50.4	33.0	21	30
Na+	0.23	0.10	0.42	11.5	92.1	0	6
SO4-- corr	0.57	0.47	0.78	28.5	94.4	0	7
SO4--	0.59	0.49	0.82	29.5	94.4	0	7

ES0015R Risco Llano Spain

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.25	0.04	0.36	16.5	87.0	2	9
Ca++	0.57	0.26	1.55	37.6	87.0	0	9
Cl-	0.87	0.58	10.15	57.6	88.8	0	13
Mg++	0.089	0.060	0.280	5.9	87.0	0	9
NO3-	0.20	0.04	0.68	13.0	88.8	1	13
pH	6.69	6.13	6.95	13.5	88.8	0	13
K+	0.11	0.03	0.31	7.5	87.0	1	9
Precip	-	0.0	16.6	66.2	33.0	10	30
Na+	0.40	0.18	1.38	26.2	87.0	0	9
SO4-- corr	0.39	0.27	1.18	25.9	88.8	0	13
SO4--	0.45	0.31	1.24	30.0	88.8	0	13

FI0004R Ahtari Finland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.08	0.00	0.34	12.6	99.5	0	32
Ca++	0.04	0.01	0.18	6.5	99.5	0	32
Cl-	0.36	0.02	1.73	59.0	99.5	0	32
Mg++	0.028	0.002	0.137	4.6	99.5	0	32
NO3-	0.27	0.06	0.88	45.1	99.5	0	32
pH	4.83	4.42	5.38	2435.5	99.9	0	35
K+	0.04	0.02	0.10	6.2	99.5	0	32
Precip	-	0.0	33.7	165.2	105.5	5	42
Precip off	-	0.0	11.2	154.0	100.0	24	91
Na+	0.21	0.00	1.10	35.1	99.5	0	32
SO4-- corr	0.14	0.04	0.67	23.6	99.5	0	32
SO4--	0.16	0.05	0.67	26.7	99.5	0	32

FI0004R Ahtari Finland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.30	0.10	1.13	39.4	21.9	0	9
Ca++	0.17	0.04	1.72	22.2	21.9	0	9
Cl-	0.19	0.09	0.38	25.4	21.9	0	9
Mg++	0.027	0.013	0.117	3.6	21.9	0	9
NO3-	0.28	0.16	0.98	36.5	21.9	0	9
pH	4.76	4.48	6.18	2280.9	21.9	0	9
K+	0.06	0.03	0.53	7.7	21.9	0	9
Precip	-	0.0	22.8	87.4	94.6	4	14
Precip off	-	0.0	13.4	132.3	100.0	52	92
Na+	0.10	0.03	0.14	13.5	21.9	0	9
SO4-- corr	0.47	0.21	1.14	62.7	21.9	0	9
SO4--	0.48	0.22	1.15	63.9	21.9	0	9

FI0004R Ahtari Finland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.04	0.00	0.67	9.1	21.9	1	14
Ca++	0.03	0.01	0.54	7.4	21.9	0	14
Cl-	0.05	0.04	0.30	13.4	21.9	0	14
Mg++	0.008	0.004	0.085	2.0	21.9	0	14
NO3-	0.09	0.03	0.68	20.7	21.9	0	14
pH	4.88	4.61	5.05	3203.4	21.9	0	14
K+	0.04	0.01	0.17	8.6	21.9	0	14
Precip	-	0.0	52.8	219.0	100.0	3	17
Precip off	-	0.0	23.0	244.6	100.0	44	92
Na+	0.03	0.01	0.23	7.4	21.9	0	14
SO4-- corr	0.12	0.06	0.62	29.6	21.9	0	14
SO4--	0.12	0.06	0.64	30.5	21.9	0	14

FI0004R Ahtari Finland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.10	0.06	0.93	17.7	21.0	0	13
Ca++	0.04	0.01	0.39	7.6	21.0	0	13
Cl-	0.13	0.06	0.38	22.7	21.0	0	13
Mg++	0.014	0.005	0.051	2.6	21.0	0	13
NO3-	0.18	0.04	0.73	32.8	21.0	0	13
pH	4.76	4.24	5.44	3125.7	21.0	0	13
K+	0.03	0.01	0.18	4.5	21.0	0	13
Precip	-	0.0	36.9	158.3	100.0	2	16
Precip off	-	0.0	26.1	178.4	100.0	42	91
Na+	0.07	0.02	0.21	12.0	21.0	0	13
SO4-- corr	0.23	0.16	1.39	40.4	21.0	0	13
SO4--	0.23	0.16	1.41	41.7	21.0	0	13

FI0009R Uto Finland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.27	0.00	1.26	10.6	75.6	0	14
Ca++	0.17	0.06	1.12	6.8	75.6	0	14
Cl-	4.68	0.95	21.69	182.1	75.6	0	14
Mg++	0.314	0.072	1.389	12.2	75.6	0	14
NO3-	0.57	0.17	3.72	22.2	75.6	0	14
pH	4.80	3.75	5.38	618.0	76.6	0	16
K+	0.28	0.08	2.74	10.9	75.6	0	14
Precip	-	0.0	9.8	38.9	100.0	57	91
Precip off	-	0.0	15.9	120.4	100.0	38	91
Na+	2.58	0.65	12.24	100.2	75.6	0	14
SO4-- corr	0.31	0.14	0.93	11.9	75.6	0	14
SO4--	0.52	0.28	1.96	20.2	75.6	0	14

FI0009R Uto Finland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.72	0.10	1.97	52.4	72.7	0	13
Ca++	0.61	0.05	2.39	44.0	72.7	0	13
Cl-	4.93	0.23	28.34	356.6	72.7	0	13
Mg++	0.362	0.041	1.781	26.2	72.7	0	13
NO3-	0.71	0.34	1.18	51.2	72.7	0	13
pH	4.70	4.29	6.12	1458.7	75.3	0	16
K+	0.34	0.04	1.43	24.4	72.7	0	13
Precip	-	0.0	9.5	39.1	98.9	73	91
Precip off	-	0.0	8.0	72.4	100.0	66	92
Na+	2.77	0.13	15.74	200.5	72.7	0	13
SO4-- corr	0.85	0.25	1.95	61.8	72.7	0	13
SO4--	1.07	0.34	2.05	77.7	72.7	0	13

FI0009R Uto Finland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.00	0.93	24.2	87.8	3	28
Ca++	0.12	0.03	1.32	20.3	87.8	0	28
Cl-	0.80	0.12	4.00	137.6	87.8	0	28
Mg++	0.064	0.006	0.271	11.1	87.8	0	28
NO3-	0.18	0.05	0.97	30.6	87.8	0	28
pH	4.84	4.47	6.19	2515.6	88.1	0	29
K+	0.05	0.01	0.58	9.0	87.8	0	28
Precip	-	0.0	12.8	119.6	100.0	60	92
Precip off	-	0.0	22.2	172.7	100.0	56	92
Na+	0.48	0.04	2.46	82.2	87.8	0	28
SO4-- corr	0.23	0.04	0.75	39.1	87.8	0	28
SO4--	0.26	0.05	0.79	45.6	87.8	0	28

FI0009R Uto Finland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.55	0.04	2.45	108.8	97.6	0	36
Ca++	0.29	0.03	2.72	58.0	97.6	0	36
Cl-	3.90	0.42	20.36	776.5	97.6	0	36
Mg++	0.290	0.026	1.465	57.7	97.6	0	36
NO3-	0.69	0.13	3.17	137.9	97.6	0	36
pH	4.33	3.67	5.48	9227.0	97.9	0	37
K+	0.18	0.02	1.28	36.0	97.6	0	36
Precip	-	0.0	10.8	109.6	100.0	52	91
Precip off	-	0.0	16.3	199.0	100.0	46	91
Na+	2.15	0.25	11.41	427.2	97.6	0	36
SO4-- corr	0.77	0.14	2.90	152.4	97.6	0	36
SO4--	0.94	0.18	3.35	188.1	97.6	0	36

FI0017R Virolahti II Finland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.39	0.04	3.49	36.0	99.7	0	46
Ca++	0.34	0.04	6.06	31.2	99.7	0	46
Cl-	1.26	0.17	12.99	116.9	99.7	0	46
Mg++	0.113	0.013	1.206	10.5	99.7	0	46
NO3-	0.57	0.17	2.67	53.0	99.7	0	46
pH	4.75	4.09	6.45	1658.4	99.7	0	46
K+	0.13	0.04	1.11	12.3	99.7	0	46
Precip	-	0.0	15.4	92.8	100.0	42	91
Precip off	-	0.0	17.3	137.2	100.0	36	91
Na+	0.74	0.03	7.26	68.4	99.7	0	46
SO4-- corr	0.60	0.09	7.11	55.4	99.7	0	46
SO4--	0.67	0.13	7.55	61.9	99.7	0	46

FI0017R Virolahti II Finland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.59	0.03	3.52	64.8	97.7	0	23
Ca++	0.34	0.03	2.21	38.0	97.7	0	23
Cl-	0.33	0.07	1.33	36.7	97.7	0	23
Mg++	0.051	0.008	0.292	5.6	97.7	0	23
NO3-	0.43	0.20	1.71	47.3	97.7	0	23
pH	4.66	4.23	5.57	2402.8	99.0	0	26
K+	0.10	0.03	0.61	10.7	97.7	0	23
Precip	-	0.0	20.5	84.2	100.0	65	92
Precip off	-	0.0	23.2	110.1	100.0	61	92
Na+	0.18	0.03	0.93	19.5	97.7	0	23
SO4-- corr	0.80	0.05	3.51	88.0	97.7	0	23
SO4--	0.82	0.05	3.53	89.9	97.7	0	23

FI0017R Virolahti II Finland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.25	0.00	1.02	42.5	98.1	3	37
Ca++	0.22	0.03	1.40	37.4	98.1	0	37
Cl-	0.15	0.03	0.76	25.9	98.1	0	37
Mg++	0.029	0.005	0.308	5.0	98.1	0	37
NO3-	0.19	0.03	0.82	33.0	98.1	0	37
pH	5.01	4.42	6.13	1678.2	98.9	0	40
K+	0.08	0.01	1.91	12.8	98.1	0	37
Precip	-	0.0	15.4	150.3	100.0	49	92
Precip off	-	0.0	16.1	170.7	100.0	41	92
Na+	0.08	0.00	0.44	13.3	98.1	0	37
SO4-- corr	0.32	0.04	1.17	55.2	98.1	0	37
SO4--	0.33	0.05	1.18	56.7	98.1	0	37

FI0017R Virolahti II Finland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.50	0.09	2.11	123.2	99.0	0	33
Ca++	0.23	0.03	1.00	56.9	99.0	0	33
Cl-	0.47	0.05	1.24	113.5	99.0	0	33
Mg++	0.051	0.006	0.163	12.6	99.0	0	33
NO3-	0.42	0.07	1.45	102.1	99.0	0	33
pH	4.56	3.88	5.68	6769.6	99.2	0	34
K+	0.17	0.01	1.60	42.1	99.0	0	33
Precip	-	0.0	19.7	209.7	100.0	54	91
Precip off	-	0.0	20.2	244.3	100.0	50	91
Na+	0.25	0.02	0.73	61.1	99.0	0	33
SO4-- corr	0.77	0.19	1.89	188.5	99.0	0	33
SO4--	0.80	0.20	1.91	195.0	99.0	0	33

FI0022R Oulanka Finland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.03	0.00	0.42	3.1	98.3	5	55
Ca++	0.01	0.00	0.08	1.6	98.3	1	55
Cl-	0.21	0.02	2.28	26.4	98.3	0	55
Mg++	0.013	0.002	0.147	1.7	98.3	1	55
NO3-	0.16	0.03	0.75	20.4	98.3	0	55
pH	4.88	4.20	5.39	1690.4	99.7	0	64
K+	0.02	0.00	0.08	2.3	98.3	3	55
Precip	-	0.0	11.1	126.8	100.0	23	91
Precip off	-	0.0	14.5	154.3	100.0	21	91
Na+	0.10	0.00	1.30	13.4	98.3	0	55
SO4-- corr	0.11	0.02	0.79	13.5	98.3	0	55
SO4--	0.12	0.02	0.88	14.6	98.3	0	55

FI0022R Oulanka Finland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.00	0.91	22.5	99.4	6	37
Ca++	0.10	0.01	0.63	16.6	99.4	0	37
Cl-	0.12	0.04	1.14	19.0	99.4	0	37
Mg++	0.018	0.002	0.069	2.8	99.4	3	37
NO3-	0.18	0.04	0.72	29.0	99.4	0	37
pH	4.76	4.11	5.12	2786.8	99.5	0	38
K+	0.03	0.00	0.33	4.8	99.4	1	37
Precip	-	0.0	17.0	113.7	100.0	51	92
Precip off	-	0.0	20.0	158.9	100.0	49	92
Na+	0.07	0.00	0.62	10.7	99.4	1	37
SO4-- corr	0.28	0.02	1.03	44.9	99.4	0	37
SO4--	0.29	0.04	1.03	45.8	99.4	0	37

FI0022R Oulanka Finland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.06	0.00	0.84	11.3	96.6	5	43
Ca++	0.05	0.00	1.36	8.7	96.6	4	43
Cl-	0.09	0.03	0.97	17.2	96.6	0	43
Mg++	0.014	0.002	0.134	2.7	96.6	5	43
NO3-	0.10	0.00	0.78	17.8	96.6	3	43
pH	4.87	4.28	5.98	2494.4	97.0	0	46
K+	0.04	0.00	0.46	8.1	96.6	2	43
Precip	-	0.0	16.0	158.7	100.0	44	92
Precip off	-	0.0	17.0	184.2	100.0	38	92
Na+	0.04	0.00	0.57	7.7	96.6	0	43
SO4-- corr	0.17	0.02	1.13	32.2	96.6	0	43
SO4--	0.18	0.02	1.15	33.4	96.6	0	43

FI0022R Oulanka Finland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.10	0.00	0.94	13.8	98.2	3	44
Ca++	0.02	0.00	0.32	2.7	98.2	5	44
Cl-	0.09	0.00	0.73	13.2	98.2	1	44
Mg++	0.007	0.002	0.054	1.0	98.2	11	44
NO3-	0.16	0.03	1.19	22.9	98.2	0	44
pH	4.66	3.92	5.17	3089.6	98.6	0	47
K+	0.02	0.00	0.16	2.7	98.2	6	44
Precip	-	0.0	17.2	123.1	100.0	42	91
Precip off	-	0.0	17.7	142.1	100.0	30	91
Na+	0.05	0.00	0.43	6.4	98.2	0	44
SO4-- corr	0.26	0.05	2.24	36.5	98.2	0	44
SO4--	0.26	0.05	2.25	37.1	98.2	0	44

FR0003R La Crouzille France

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.25	0.01	1.89	56.2	66.1	0	27
Ca++	0.09	0.01	0.43	21.6	65.8	4	26
Cl-	2.50	0.03	8.92	571.8	65.8	1	26
Mg++	0.202	0.010	0.680	46.2	65.8	1	26
NO3-	0.17	0.03	1.07	38.1	65.8	0	26
pH	5.13	4.35	6.30	1704.9	66.1	0	27
K+	0.09	0.01	0.34	19.4	65.8	5	26
Precip	-	0.0	27.0	228.8	100.0	69	91
Na+	1.45	0.03	5.28	330.6	65.8	0	26
SO4-- corr	0.17	0.02	1.67	39.3	65.8	0	26
SO4--	0.30	0.04	1.86	68.0	65.8	0	26

FR0003R La Crouzille France

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.43	0.03	1.06	76.5	97.9	0	32
Ca++	0.79	0.07	3.14	138.9	88.3	0	29
Cl-	0.50	0.03	1.93	87.4	94.7	1	29
Mg++	0.089	0.010	0.420	15.8	97.6	1	31
NO3-	0.24	0.05	0.91	42.8	97.6	0	31
pH	5.57	4.81	6.86	478.8	87.1	0	31
K+	0.08	0.01	0.34	13.7	97.6	3	31
Precip	-	0.2	27.0	176.7	100.0	52	92
Na+	0.32	0.01	1.67	56.9	96.2	1	29
SO4-- corr	0.37	0.05	0.91	65.1	97.6	0	31
SO4--	0.40	0.05	0.92	70.3	97.6	0	31

FR0003R La Crouzille France

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.66	0.16	3.37	149.1	86.2	0	22
Ca++	0.42	0.06	2.19	95.7	69.0	0	19
Cl-	0.46	0.07	1.83	105.0	86.2	0	22
Mg++	0.070	0.010	0.490	16.0	86.2	3	22
NO3-	0.32	0.04	1.28	73.2	86.2	0	22
pH	5.56	4.68	6.88	622.4	86.7	0	23
K+	0.11	0.01	0.55	25.2	86.0	2	21
Precip	-	0.2	27.5	226.6	100.0	59	92
Na+	0.27	0.02	1.13	61.3	86.2	0	22
SO4-- corr	0.50	0.03	1.16	112.3	86.2	0	22
SO4--	0.52	0.04	1.18	117.2	86.2	0	22

FR0003R La Crouzille France

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.01	2.15	49.4	67.3	6	30
Ca++	0.21	0.06	2.08	96.3	65.5	0	29
Cl-	1.13	0.06	4.17	511.0	65.5	0	29
Mg++	0.115	0.010	0.330	52.1	65.5	1	29
NO3-	0.14	0.03	1.09	65.5	65.5	0	29
pH	5.18	4.63	5.87	2985.6	67.3	0	30
K+	0.03	0.01	0.73	11.6	65.5	16	29
Precip	-	0.1	39.5	453.8	100.0	40	91
Na+	0.64	0.01	2.47	292.7	65.5	1	29
SO4-- corr	0.15	0.03	2.00	67.2	65.5	0	29
SO4--	0.20	0.08	2.04	91.9	65.5	0	29

FR0005R La Hague France

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.34	0.01	1.95	108.7	45.6	0	26
Ca++	0.36	0.09	1.15	115.3	37.2	0	25
Cl-	12.68	1.92	48.46	4054.5	37.2	0	25
Mg++	0.922	0.210	3.390	294.7	37.2	0	25
NO3-	0.24	0.03	1.52	77.1	37.2	0	25
pH	5.24	4.15	6.39	1843.6	38.9	0	28
K+	0.38	0.05	1.50	120.0	37.2	0	25
Precip	-	0.0	29.0	319.7	100.0	47	91
Na+	7.35	1.07	27.82	2349.6	37.2	0	25
SO4-- corr	0.28	0.07	1.37	90.4	37.2	0	25
SO4--	0.90	0.22	2.78	286.6	37.2	0	25

FR0005R La Hague France

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.45	0.06	3.43	110.5	94.3	0	38
Ca++	0.39	0.06	6.19	95.9	93.5	0	36
Cl-	5.85	0.90	44.48	1451.5	92.8	0	35
Mg++	0.473	0.120	3.110	117.4	92.8	0	35
NO3-	0.36	0.04	6.36	88.6	91.9	0	35
pH	4.96	4.30	6.83	2710.5	93.2	0	39
K+	0.24	0.06	1.08	58.7	92.8	0	35
Precip	-	0.1	25.8	248.0	100.0	42	92
Na+	3.34	0.54	24.68	829.2	92.8	0	35
SO4-- corr	0.45	0.08	5.14	111.4	93.5	0	36
SO4--	0.75	0.19	6.36	186.4	93.5	0	36

FR0005R La Hague France

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.98	0.15	2.52	118.2	78.5	0	11
Ca++	0.40	0.13	2.05	47.9	77.3	0	10
Cl-	2.47	0.47	17.48	298.5	77.3	0	10
Mg++	0.186	0.010	1.430	22.5	77.3	1	10
NO3-	0.78	0.23	1.33	94.5	77.3	0	10
pH	4.60	4.43	6.36	3044.2	80.6	0	14
K+	0.09	0.02	0.42	11.3	77.3	0	10
Precip	-	0.1	60.5	120.9	100.0	65	92
Na+	1.49	0.24	10.72	180.3	77.3	0	10
SO4-- corr	0.99	0.29	1.54	119.3	77.3	0	10
SO4--	1.11	0.46	1.74	134.4	77.3	0	10

FR0005R La Hague France

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.01	2.05	70.2	93.6	1	58
Ca++	0.45	0.07	1.32	228.7	93.6	0	58
Cl-	13.52	0.90	51.98	6891.7	93.6	0	58
Mg++	1.023	0.060	3.660	521.6	93.6	0	58
NO3-	0.13	0.02	1.39	64.9	93.6	0	58
pH	5.16	3.90	6.21	3512.1	95.0	0	62
K+	0.27	0.01	1.06	138.0	93.6	7	58
Precip	-	0.2	53.0	509.9	100.0	18	91
Na+	7.79	0.44	30.95	3973.6	93.6	0	58
SO4-- corr	0.17	0.00	1.59	85.8	93.6	0	58
SO4--	0.82	0.13	2.60	417.1	93.6	0	58

FR0008R	Donon		France				
December 1999 - February 2000							
Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.28	0.03	2.26	211.6	50.8	0	37
Ca++	0.05	0.01	0.57	38.7	49.4	3	36
Cl-	0.49	0.05	2.93	375.5	50.1	0	35
Mg++	0.039	0.010	0.310	29.6	50.6	9	36
NO3-	0.26	0.05	1.58	197.5	50.3	0	36
pH	4.85	4.07	5.85	10703.7	49.4	0	37
K+	0.04	0.01	0.64	31.6	50.8	4	37
Precip	-	0.0	55.0	763.1	100.0	44	91
Na+	0.27	0.02	1.85	207.1	49.7	0	34
SO4-- corr	0.26	0.05	1.81	198.4	50.8	0	37
SO4--	0.29	0.06	1.99	219.3	50.8	0	37

FR0008R	Donon		France				
March 2000 - May 2000							
Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.52	0.01	2.24	191.9	98.3	1	37
Ca++	0.26	0.04	1.32	98.6	96.2	0	36
Cl-	0.23	0.06	1.94	85.3	98.7	0	38
Mg++	0.037	0.010	0.290	13.7	98.7	5	38
NO3-	0.37	0.05	1.79	137.7	98.7	0	38
pH	5.08	4.38	6.43	3084.5	90.8	0	35
K+	0.09	0.03	0.65	35.5	96.5	0	37
Precip	-	0.2	78.0	371.5	100.0	48	92
Na+	0.14	0.03	1.19	53.3	98.7	0	38
SO4-- corr	0.33	0.05	1.95	121.0	98.7	0	38
SO4--	0.34	0.05	2.04	125.9	98.7	0	38

FR0008R	Donon	France					
June 2000 - August 2000							
Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.41	0.05	1.34	164.9	98.7	0	42
Ca++	0.29	0.01	3.28	119.2	98.7	3	42
Cl-	0.19	0.06	1.81	75.5	98.7	0	42
Mg++	0.017	0.010	0.150	6.8	98.7	32	42
NO3-	0.30	0.05	1.44	121.9	98.7	0	42
pH	4.91	4.32	6.70	5066.5	98.8	0	43
K+	0.05	0.01	0.18	22.1	97.9	6	41
Precip	-	0.2	58.0	407.5	100.0	42	92
Na+	0.12	0.03	1.35	48.3	98.7	0	42
SO4-- corr	0.37	0.07	1.77	151.6	98.7	0	42
SO4--	0.38	0.07	1.82	155.7	98.7	0	42

FR0008R	Donon		France				
September 2000 - November 2000							
Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.21	0.03	2.65	92.2	92.3	0	48
Ca++	0.12	0.02	0.85	54.1	92.2	0	47
Cl-	0.22	0.03	2.12	99.3	92.2	2	47
Mg++	0.018	0.010	0.160	8.0	92.2	26	47
NO3-	0.20	0.05	2.58	89.2	92.2	0	47
pH	4.90	3.74	5.50	5569.2	92.5	0	49
K+	0.02	0.01	0.21	8.1	92.2	32	47
Precip	-	0.2	41.5	445.0	100.0	31	91
Na+	0.13	0.01	1.26	56.6	92.2	6	47
SO4-- corr	0.23	0.06	2.77	103.5	92.2	0	47
SO4--	0.25	0.07	2.80	108.9	92.2	0	47

FR0009R Revin France

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.44	0.08	1.59	249.0	50.5	0	30
Ca++	0.10	0.01	0.76	53.9	49.4	2	29
Cl-	0.84	0.03	3.21	468.8	50.5	1	30
Mg++	0.066	0.010	0.240	37.2	50.5	2	30
NO3-	0.33	0.07	1.11	184.8	50.5	0	30
pH	4.99	4.03	6.09	5664.7	50.1	0	33
K+	0.04	0.01	0.17	22.3	50.5	7	30
Precip	-	0.0	60.0	559.5	100.0	50	91
Na+	0.47	0.01	1.97	261.3	50.5	1	30
SO4-- corr	0.35	0.11	1.30	198.9	50.5	0	30
SO4--	0.39	0.11	1.33	220.7	50.5	0	30

FR0009R Revin France

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.84	0.14	3.25	249.8	94.5	0	45
Ca++	0.50	0.05	2.27	149.1	85.0	0	42
Cl-	0.58	0.06	5.49	171.7	94.0	0	44
Mg++	0.072	0.010	0.460	21.3	94.0	6	44
NO3-	0.47	0.09	1.42	140.5	90.5	0	41
pH	5.26	4.13	6.69	1638.0	88.1	0	48
K+	0.11	0.02	1.17	32.4	94.0	0	44
Precip	-	0.2	21.0	295.8	100.0	35	92
Na+	0.34	0.03	3.49	101.0	94.0	0	44
SO4-- corr	0.52	0.15	1.56	154.9	92.7	0	42
SO4--	0.55	0.15	1.68	163.7	92.7	0	42

FR0009R Revin France

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.42	0.11	1.86	127.4	96.6	0	37
Ca++	0.22	0.02	2.48	66.5	94.7	0	35
Cl-	0.25	0.03	2.03	75.2	94.7	1	35
Mg++	0.014	0.010	0.160	4.3	94.7	22	35
NO3-	0.31	0.07	1.26	94.9	94.7	0	35
pH	4.90	4.24	6.66	3854.1	98.6	0	41
K+	0.05	0.01	0.30	16.6	94.0	4	34
Precip	-	0.2	34.5	305.4	100.0	46	92
Na+	0.15	0.01	1.25	46.2	94.7	2	35
SO4-- corr	0.40	0.11	1.25	122.6	94.7	0	35
SO4--	0.41	0.11	1.26	126.7	94.7	0	35

FR0009R Revin France

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.27	0.07	1.54	140.8	97.4	0	49
Ca++	0.16	0.04	1.04	81.6	96.9	0	47
Cl-	0.55	0.03	6.25	280.9	96.9	1	47
Mg++	0.040	0.010	0.510	20.6	96.9	13	47
NO3-	0.26	0.08	1.62	135.2	96.9	0	47
pH	4.89	4.16	5.71	6565.1	98.1	0	51
K+	0.05	0.01	0.45	27.5	96.9	21	47
Precip	-	0.2	35.0	515.7	100.0	30	91
Na+	0.33	0.01	3.60	168.8	96.9	4	47
SO4-- corr	0.29	0.09	1.47	150.0	96.9	0	47
SO4--	0.32	0.10	1.51	164.6	96.9	0	47

FR0010R Morvan France

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.28	0.04	2.17	133.9	56.1	0	33
Ca++	0.06	0.01	0.32	31.0	55.9	3	32
Cl-	0.67	0.08	3.24	319.7	55.9	0	32
Mg++	0.061	0.010	0.290	29.2	55.9	5	32
NO3-	0.18	0.03	0.93	88.4	55.9	0	32
pH	5.10	4.38	6.47	3826.2	56.0	0	33
K+	0.03	0.01	0.10	14.2	55.9	8	32
Precip	-	0.0	40.0	479.8	100.0	51	91
Na+	0.38	0.03	1.91	182.9	55.9	0	32
SO4-- corr	0.22	0.04	0.97	103.6	55.9	0	32
SO4--	0.25	0.04	0.99	119.1	55.9	0	32

FR0010R Morvan France

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.39	0.01	2.55	96.3	97.6	2	46
Ca++	0.33	0.07	2.95	79.9	92.6	0	44
Cl-	0.31	0.03	2.11	75.9	98.1	1	47
Mg++	0.056	0.010	0.310	13.8	98.1	6	47
NO3-	0.28	0.01	1.52	68.6	98.1	3	47
pH	5.42	4.48	6.84	927.7	94.3	0	49
K+	0.10	0.02	0.49	24.5	96.8	0	45
Precip	-	0.1	27.2	244.7	100.0	35	92
Na+	0.18	0.01	0.91	43.5	98.1	2	47
SO4-- corr	0.30	0.00	1.18	74.4	98.1	1	47
SO4--	0.32	0.01	1.22	78.4	98.1	1	47

FR0010R Morvan France

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.48	0.04	2.08	171.1	95.3	0	35
Ca++	0.39	0.01	2.40	139.3	95.3	1	35
Cl-	0.17	0.03	1.10	60.4	95.3	2	35
Mg++	0.019	0.010	0.290	6.7	95.3	20	35
NO3-	0.33	0.04	1.44	119.4	95.3	0	35
pH	5.09	4.52	6.64	2958.1	99.5	0	38
K+	0.07	0.01	0.29	24.3	91.5	4	34
Precip	-	0.1	30.0	359.8	100.0	51	92
Na+	0.09	0.01	0.62	34.2	95.3	2	35
SO4-- corr	0.44	0.05	1.72	158.4	95.3	0	35
SO4--	0.45	0.05	1.76	161.5	95.3	0	35

FR0010R Morvan France

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.19	0.01	1.18	62.8	98.4	2	54
Ca++	0.35	0.04	1.25	119.0	98.0	0	52
Cl-	0.58	0.05	4.23	197.9	98.0	0	52
Mg++	0.058	0.010	0.330	19.8	98.0	15	52
NO3-	0.17	0.01	0.62	59.3	98.0	1	52
pH	5.24	4.52	6.34	1938.9	98.4	0	55
K+	0.15	0.01	2.12	51.0	98.0	20	52
Precip	-	0.1	31.6	338.4	100.0	28	91
Na+	0.31	0.01	2.42	104.0	98.0	5	52
SO4-- corr	0.24	0.05	1.28	82.7	98.0	0	52
SO4--	0.27	0.07	1.30	92.8	98.0	0	52

FR0012R Iraty France

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.09	0.01	1.10	29.9	76.2	0	27
Ca++	0.14	0.01	1.13	44.2	76.2	2	27
Cl-	0.71	0.03	4.58	225.5	76.2	1	27
Mg++	0.075	0.010	0.440	23.9	76.2	2	27
NO3-	0.10	0.02	1.18	32.6	75.8	0	26
pH	5.19	4.41	5.64	2069.5	76.2	0	27
K+	0.03	0.01	0.35	10.4	75.6	5	26
Precip	-	0.0	34.0	319.3	100.0	64	91
Na+	0.44	0.01	2.95	138.9	76.2	1	27
SO4-- corr	0.18	0.02	1.29	58.1	76.2	0	27
SO4--	0.22	0.02	1.40	70.3	76.2	0	27

FR0012R Iraty France

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.36	0.01	1.39	155.0	98.9	1	42
Ca++	0.53	0.03	8.86	225.9	98.8	0	41
Cl-	0.29	0.03	2.03	125.0	98.8	2	41
Mg++	0.056	0.010	0.910	24.1	98.9	10	42
NO3-	0.25	0.04	1.67	104.8	98.9	0	42
pH	5.31	4.60	7.02	2080.6	99.0	0	43
K+	0.06	0.01	0.93	27.7	98.2	2	41
Precip	-	0.1	68.6	428.5	100.0	43	92
Na+	0.20	0.01	2.45	86.5	98.9	1	42
SO4-- corr	0.33	0.05	2.83	141.3	98.9	0	42
SO4--	0.35	0.05	3.46	149.0	98.9	0	42

FR0012R Iraty France

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.31	0.01	2.38	127.9	93.5	2	31
Ca++	0.50	0.03	2.03	202.8	89.7	0	27
Cl-	0.50	0.03	3.86	202.5	93.0	2	30
Mg++	0.049	0.010	0.530	20.1	93.0	9	30
NO3-	0.22	0.02	2.10	91.0	93.0	0	30
pH	5.37	4.28	6.93	1731.0	96.9	0	32
K+	0.06	0.01	1.57	23.8	93.0	4	30
Precip	-	0.1	84.8	408.9	100.0	53	92
Na+	0.34	0.01	2.37	136.9	93.0	1	30
SO4-- corr	0.41	0.03	4.24	169.9	93.0	0	30
SO4--	0.44	0.03	4.32	181.3	93.0	0	30

FR0012R Iraty France

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.17	0.01	1.33	90.4	94.0	2	45
Ca++	0.27	0.02	2.84	145.1	93.8	0	44
Cl-	0.89	0.03	8.05	481.6	93.8	1	44
Mg++	0.077	0.010	0.610	41.3	93.8	11	44
NO3-	0.16	0.05	1.47	86.5	93.8	0	44
pH	5.13	4.25	6.94	4026.8	96.2	0	48
K+	0.02	0.01	0.39	13.1	93.8	24	44
Precip	-	0.1	27.0	539.9	100.0	38	91
Na+	0.52	0.01	4.45	278.8	93.8	2	44
SO4-- corr	0.25	0.05	1.83	132.3	93.8	0	44
SO4--	0.29	0.05	1.86	155.9	93.8	0	44

FR0013R Peyrusse Vieille France

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.17	0.01	0.66	29.8	65.9	0	23
Ca++	0.12	0.01	0.70	20.2	66.0	1	23
Cl-	2.03	0.11	23.28	353.1	65.0	0	22
Mg++	0.156	0.010	1.670	27.1	66.0	2	23
NO3-	0.15	0.03	0.60	26.1	66.0	0	23
pH	5.09	4.33	5.54	1429.3	66.4	0	24
K+	0.17	0.01	0.80	28.8	66.0	2	23
Precip	-	0.0	20.4	173.9	100.0	66	91
Na+	1.18	0.06	13.28	204.8	65.0	0	22
SO4-- corr	0.28	0.04	1.19	49.3	66.0	0	23
SO4--	0.39	0.05	1.37	67.5	66.0	0	23

FR0013R Peyrusse Vieille France

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.37	0.05	1.64	100.6	98.4	0	35
Ca++	0.47	0.04	3.35	128.7	98.0	0	34
Cl-	0.73	0.10	4.76	197.8	98.4	0	35
Mg++	0.069	0.010	0.390	18.9	98.4	3	35
NO3-	0.29	0.04	0.85	79.0	97.0	0	34
pH	5.08	4.24	6.90	2274.7	99.6	0	39
K+	0.10	0.02	0.53	26.6	98.1	0	34
Precip	-	0.1	39.6	272.9	100.0	51	92
Na+	0.40	0.05	2.83	109.6	98.4	0	35
SO4-- corr	0.40	0.06	1.25	109.8	98.4	0	35
SO4--	0.44	0.10	1.30	118.9	98.4	0	35

FR0013R Peyrusse Vieille France

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.47	0.03	2.29	81.1	94.4	0	26
Ca++	0.51	0.01	3.26	88.1	91.6	1	23
Cl-	0.80	0.15	4.60	138.0	94.4	0	26
Mg++	0.067	0.010	0.600	11.7	94.4	6	26
NO3-	0.35	0.03	2.61	61.2	94.4	0	26
pH	5.07	4.44	6.87	1478.7	92.1	0	24
K+	0.09	0.01	1.29	15.8	94.4	1	26
Precip	-	0.1	27.1	173.7	100.0	59	92
Na+	0.49	0.08	3.12	85.0	94.4	0	26
SO4-- corr	0.60	0.09	3.76	104.7	94.4	0	26
SO4--	0.64	0.17	3.83	111.7	94.4	0	26

FR0013R Peyrusse Vieille France

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.13	0.01	0.61	38.0	97.1	4	37
Ca++	0.20	0.04	1.86	61.0	97.1	0	37
Cl-	1.60	0.07	27.98	483.1	97.1	0	37
Mg++	0.131	0.010	1.910	39.7	97.1	5	37
NO3-	0.17	0.01	0.93	52.3	97.1	1	37
pH	4.95	4.25	6.61	3397.5	97.4	0	39
K+	0.05	0.01	0.65	16.0	97.1	12	37
Precip	-	0.1	23.8	302.2	100.0	47	91
Na+	0.93	0.02	15.44	279.8	97.1	0	37
SO4-- corr	0.24	0.01	0.95	73.5	97.1	0	37
SO4--	0.32	0.04	1.64	97.0	97.1	0	37

FR0014R Montandon France

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.21	0.01	1.29	67.2	65.3	0	32
Ca++	0.05	0.01	0.31	16.9	64.8	8	31
Cl-	0.36	0.03	3.79	115.6	63.8	2	30
Mg++	0.030	0.010	0.280	9.5	63.8	11	30
NO3-	0.19	0.05	1.22	62.1	64.8	0	31
pH	4.99	4.05	5.79	3255.5	65.4	0	33
K+	0.03	0.01	0.19	8.6	64.8	8	31
Precip	-	0.0	21.8	319.6	100.0	52	91
Na+	0.21	0.01	2.42	65.8	63.8	1	30
SO4-- corr	0.18	0.05	1.22	58.6	64.8	0	31
SO4--	0.21	0.05	1.24	66.4	64.8	0	31

FR0014R Montandon France

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.50	0.10	2.50	97.9	88.8	0	24
Ca++	0.40	0.07	2.12	78.4	88.8	0	24
Cl-	0.16	0.05	0.74	31.9	88.8	0	24
Mg++	0.023	0.010	0.140	4.5	88.8	8	24
NO3-	0.36	0.11	2.60	70.9	88.8	0	24
pH	5.31	4.41	7.07	953.9	89.5	0	26
K+	0.05	0.02	0.15	10.6	88.8	0	24
Precip	-	0.1	26.0	194.6	100.0	50	92
Na+	0.09	0.03	0.43	17.9	88.8	0	24
SO4-- corr	0.30	0.10	1.87	59.0	88.8	0	24
SO4--	0.31	0.10	1.88	60.8	88.8	0	24

FR0014R Montandon France

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.47	0.04	2.83	155.4	98.8	0	42
Ca++	0.55	0.02	4.80	182.0	98.2	0	40
Cl-	0.18	0.03	1.77	60.4	98.8	1	42
Mg++	0.025	0.010	0.450	8.2	98.8	26	42
NO3-	0.35	0.06	3.29	116.1	98.8	0	42
pH	5.13	4.43	6.72	2453.6	98.8	0	42
K+	0.05	0.01	0.62	17.6	98.7	11	41
Precip	-	0.1	27.6	329.6	100.0	43	92
Na+	0.11	0.01	1.22	36.6	98.8	1	42
SO4-- corr	0.44	0.05	4.16	145.0	98.8	0	42
SO4--	0.45	0.05	4.26	148.3	98.8	0	42

FR0014R Montandon France

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.15	0.01	1.51	42.3	95.6	1	47
Ca++	0.26	0.05	2.12	73.8	95.1	0	46
Cl-	0.25	0.03	2.70	69.6	95.1	3	46
Mg++	0.025	0.010	0.220	7.0	95.1	21	46
NO3-	0.19	0.01	1.38	54.2	95.1	1	46
pH	5.07	4.41	6.33	2424.7	96.1	0	49
K+	0.02	0.01	0.28	6.2	95.1	33	46
Precip	-	0.1	21.4	282.2	100.0	38	91
Na+	0.14	0.01	1.55	39.9	95.1	8	46
SO4-- corr	0.19	0.04	1.81	55.0	95.1	0	46
SO4--	0.21	0.04	1.87	58.8	95.1	0	46

GB0002R Eskdalemuir United Kingdom

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.07	0.01	0.30	6.7	100.0	0	17
Ca++	0.30	0.03	0.86	26.9	100.0	0	17
Cl-	5.34	0.29	17.51	483.4	100.0	0	17
Mg++	0.653	0.025	1.599	59.1	100.0	0	17
NO3-	0.18	0.03	1.05	16.7	100.0	0	17
K+	0.10	0.03	0.56	8.9	100.0	0	17
Precip	-	0.0	20.3	90.5	34.1	14	31
Na+	3.14	0.11	9.96	284.0	100.0	0	17
SO4-- corr	0.12	0.01	0.65	11.2	100.0	0	17
SO4--	0.30	0.01	1.48	27.5	100.0	0	17

GB0002R Eskdalemuir United Kingdom

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.64	0.01	11.25	77.3	91.4	2	22
Ca++	0.08	0.00	0.70	10.2	91.4	4	22
Cl-	1.06	0.20	10.10	129.0	91.4	0	22
Mg++	0.073	0.015	0.614	8.8	91.4	6	22
NO3-	0.23	0.04	1.43	27.9	91.4	0	22
K+	0.12	0.01	2.64	15.0	91.4	10	22
Precip	-	0.1	23.5	121.4	51.1	19	47
Na+	0.57	0.06	5.91	69.6	91.4	0	22
SO4-- corr	0.34	0.13	2.72	41.0	91.4	0	22
SO4--	0.39	0.14	2.79	47.0	91.4	0	22

GB0002R Eskdalemuir United Kingdom

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.27	0.01	5.94	63.0	99.8	2	41
Ca++	0.06	0.00	0.50	13.9	99.8	14	41
Cl-	0.68	0.00	5.00	157.6	91.5	1	39
Mg++	0.045	0.005	0.313	10.3	99.8	8	41
NO3-	0.13	0.01	0.84	30.2	99.8	1	41
K+	0.06	0.01	0.53	13.9	99.8	13	41
Precip	-	0.0	22.1	230.5	89.1	38	82
Na+	0.38	0.04	2.53	88.6	91.5	0	39
SO4-- corr	0.32	0.06	2.91	73.3	99.8	0	41
SO4--	0.35	0.08	2.96	80.3	99.8	0	41

GB0002R Eskdalemuir United Kingdom

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.19	0.07	2.07	27.7	100.0	0	21
Ca++	0.09	0.00	0.30	12.8	100.0	3	21
Cl-	2.53	0.30	8.50	376.8	100.0	0	21
Mg++	0.162	0.018	0.543	24.2	100.0	0	21
NO3-	0.17	0.05	0.63	26.2	100.0	0	21
K+	0.07	0.01	0.67	10.4	100.0	1	21
Precip	-	0.0	23.1	149.2	30.8	7	28
Na+	1.39	0.20	4.74	207.8	100.0	0	21
SO4-- corr	0.19	0.07	0.67	29.0	100.0	0	21
SO4--	0.31	0.09	0.83	46.0	100.0	0	21

HU0002R K-Pusztá Hungary

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.30	0.09	3.53	30.2	83.8	0	11
Ca++	0.68	0.21	3.98	68.8	81.6	0	10
Cl-	1.45	0.87	8.69	147.9	97.7	0	11
Mg++	0.467	0.210	2.010	47.7	81.6	0	10
NO3-	0.42	0.14	2.29	42.5	100.0	0	12
pH	5.31	5.16	6.49	503.1	99.3	0	11
K+	0.25	0.11	2.87	25.5	83.8	0	11
Precip	-	0.0	22.1	102.0	100.0	79	91
Na+	0.65	0.40	2.74	66.2	83.8	0	11
SO4-- corr	0.82	0.45	6.57	83.6	100.0	0	12
SO4--	0.88	0.51	6.70	89.2	100.0	0	12

HU0002R K-Pusztá Hungary

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.77	0.18	2.39	70.9	100.0	0	15
Ca++	0.97	0.24	3.59	89.7	100.0	0	15
Cl-	1.46	0.94	3.73	135.4	100.0	0	15
Mg++	0.350	0.200	0.740	32.4	100.0	0	15
NO3-	0.46	0.17	1.36	42.6	100.0	0	15
pH	6.30	6.00	7.07	45.9	82.8	0	14
K+	0.25	0.07	1.18	23.5	100.0	0	15
Precip	-	0.0	20.5	92.6	100.0	77	92
Na+	0.59	0.28	2.08	54.8	100.0	0	15
SO4-- corr	1.16	0.47	2.80	107.1	100.0	0	15
SO4--	1.23	0.49	2.97	113.5	100.0	0	15

HU0002R K-Pusztá Hungary

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.94	0.22	2.29	49.1	93.5	0	6
Ca++	1.05	0.49	2.37	55.0	100.0	0	7
Cl-	0.91	0.40	1.47	48.0	100.0	0	7
Mg++	0.284	0.170	0.550	14.9	100.0	0	7
NO3-	0.53	0.27	1.22	28.0	100.0	0	7
pH	5.36	4.70	6.73	232.1	100.0	0	7
K+	0.20	0.09	0.35	10.3	100.0	0	7
Precip	-	0.0	15.8	52.5	100.0	85	92
Na+	0.54	0.32	0.74	28.4	100.0	0	7
SO4-- corr	1.61	0.44	4.75	84.4	100.0	0	7
SO4--	1.65	0.47	4.79	86.8	100.0	0	7

HU0002R K-Pusztá Hungary

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.90	0.19	6.19	45.9	100.0	0	13
Ca++	0.75	0.38	2.96	38.1	99.4	0	11
Cl-	0.63	0.29	19.67	32.3	100.0	0	13
Mg++	0.226	0.110	0.980	11.6	99.4	0	11
NO3-	0.34	0.13	4.29	17.4	100.0	0	13
pH	6.42	6.24	6.99	19.4	98.2	0	11
K+	0.16	0.08	1.64	8.0	99.4	0	11
Precip	-	0.0	15.8	51.1	100.0	78	91
Na+	0.46	0.33	1.37	23.5	99.4	0	11
SO4-- corr	0.92	0.38	10.47	47.1	100.0	0	13
SO4--	0.96	0.44	11.39	49.2	100.0	0	13

IE0002R Turlough Hill Ireland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	-0.01	1.40	65.4	100.0	13	63
Ca++	0.23	0.00	3.20	106.8	100.0	3	63
Cl-	6.35	0.20	269.10	2910.8	100.0	0	63
Mg++	0.444	0.020	8.370	203.2	100.0	0	63
NO3-	0.09	-0.19	1.09	40.7	100.0	1	63
pH	5.41	5.00	6.70	1761.1	99.7	0	55
K+	0.20	0.00	2.59	89.8	100.0	2	63
Precip	-	0.0	34.8	458.1	100.0	36	91
Na+	3.66	0.11	141.25	1675.0	100.0	0	63
SO4-- corr	0.13	0.02	1.76	61.5	100.0	0	63
SO4--	0.42	0.05	6.44	191.0	100.0	0	63

IE0002R Turlough Hill Ireland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.52	0.00	5.98	131.7	100.0	5	51
Ca++	0.33	0.00	4.30	82.7	100.0	2	51
Cl-	2.73	0.00	21.50	692.9	100.0	1	51
Mg++	0.237	0.000	1.660	60.2	100.0	1	51
NO3-	0.31	0.00	6.27	77.7	100.0	2	51
pH	5.46	4.50	6.80	871.4	99.7	0	46
K+	0.19	-0.01	10.60	47.1	100.0	8	51
Precip	-	0.1	22.3	253.7	100.0	41	92
Na+	1.85	0.03	15.13	468.7	100.0	0	51
SO4-- corr	0.40	-0.13	4.30	100.1	100.0	3	51
SO4--	0.54	0.00	4.65	138.1	100.0	3	51

IE0002R Turlough Hill Ireland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.68	-0.01	3.58	208.6	100.0	2	57
Ca++	0.36	0.00	1.40	109.5	100.0	5	57
Cl-	1.41	0.10	12.50	433.0	100.0	0	57
Mg++	0.112	0.000	0.800	34.4	100.0	8	57
NO3-	0.32	0.03	3.49	99.2	100.0	0	57
pH	5.42	3.70	7.00	1158.5	99.7	0	53
K+	0.25	0.00	2.94	75.5	100.0	9	56
Precip	-	0.1	31.4	306.6	100.0	36	92
Na+	0.74	0.00	7.05	226.7	100.0	2	57
SO4-- corr	0.48	0.05	2.33	147.8	100.0	0	57
SO4--	0.55	0.05	2.40	168.0	100.0	0	57

IE0002R Turlough Hill Ireland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	-0.01	1.26	28.7	100.0	2	34
Ca++	0.13	0.00	0.60	27.1	100.0	3	34
Cl-	2.53	0.40	9.80	512.6	100.0	0	34
Mg++	0.178	0.000	0.650	36.0	100.0	1	34
NO3-	0.09	0.00	0.88	17.9	100.0	1	34
pH	5.27	4.90	6.10	1093.2	99.5	0	30
K+	0.23	0.00	1.03	47.1	100.0	6	34
Precip	-	0.1	22.6	202.4	58.2	23	53
Na+	1.73	0.13	6.51	349.5	100.0	0	34
SO4-- corr	0.16	0.02	0.86	32.9	100.0	0	34
SO4--	0.29	0.06	1.11	58.6	100.0	0	34

IE0003R The Burren Ireland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.01	0.00	1.46	5.0	100.0	40	56
Ca++	0.45	0.00	7.40	156.1	100.0	1	56
Cl-	15.97	1.00	218.10	5490.3	99.2	0	55
Mg++	1.186	0.085	19.848	407.6	100.0	0	56
NO3-	0.04	0.00	1.38	12.0	100.0	3	56
pH	5.40	5.10	6.30	1368.8	100.0	0	56
K+	0.39	0.00	6.85	133.1	100.0	1	56
Precip	-	0.0	32.9	343.7	100.0	42	91
Na+	9.01	0.71	127.75	3097.8	99.2	0	55
SO4-- corr	0.14	-4.83	3.26	46.5	100.0	6	56
SO4--	0.91	0.04	17.01	312.8	100.0	0	56

IE0003R The Burren Ireland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.22	-0.02	3.42	17.7	100.0	2	42
Ca++	0.76	0.21	3.16	60.1	100.0	0	42
Cl-	7.97	0.40	45.20	632.7	100.0	0	42
Mg++	0.528	0.025	3.738	41.9	100.0	0	42
NO3-	0.24	0.02	0.93	19.4	100.0	0	42
pH	5.30	4.40	6.80	399.2	99.7	0	41
K+	0.16	0.00	1.55	12.8	100.0	3	42
Precip	-	0.2	8.1	79.4	100.0	50	92
Na+	4.06	0.12	29.60	322.5	100.0	0	42
SO4-- corr	0.53	0.15	2.31	41.9	100.0	0	42
SO4--	0.85	0.22	3.47	67.6	100.0	0	42

IE0003R The Burren Ireland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.51	0.07	2.55	41.3	100.0	0	47
Ca++	0.61	0.00	3.65	49.0	100.0	1	47
Cl-	6.71	0.90	53.30	544.4	100.0	0	47
Mg++	0.495	0.079	3.496	40.2	100.0	0	47
NO3-	0.34	0.03	1.94	27.7	100.0	0	47
pH	5.26	3.50	6.20	445.7	98.6	0	43
K+	0.30	0.00	3.65	24.1	100.0	1	47
Precip	-	0.2	12.1	81.1	100.0	45	92
Na+	4.03	0.52	30.66	326.9	100.0	0	47
SO4-- corr	0.62	0.11	6.68	49.9	100.0	0	47
SO4--	0.94	0.20	7.09	76.6	100.0	0	47

IE0003R The Burren Ireland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.29	-0.04	3.12	81.0	100.0	6	64
Ca++	0.47	0.00	1.98	130.6	100.0	1	64
Cl-	14.02	1.60	58.60	3857.6	100.0	0	64
Mg++	0.939	0.021	5.583	258.5	100.0	0	64
NO3-	0.18	0.00	1.21	49.3	100.0	1	64
pH	5.53	4.90	6.50	820.4	99.1	0	56
K+	0.83	0.15	2.83	228.4	100.0	0	64
Precip	-	0.2	23.4	275.2	100.0	27	91
Na+	9.11	0.83	41.65	2507.2	100.0	0	64
SO4-- corr	0.21	-0.57	2.56	57.9	100.0	19	64
SO4--	0.96	0.03	5.09	263.9	100.0	0	64

IE0004R Ridge Of Capard Ireland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.23	0.00	0.90	54.6	100.0	4	36
Ca++	0.18	0.00	1.72	42.0	100.0	3	36
Cl-	5.84	0.30	96.40	1387.5	100.0	0	36
Mg++	0.416	0.022	4.998	98.9	100.0	0	36
NO3-	0.03	0.00	0.20	7.4	100.0	4	36
pH	5.26	4.40	6.40	1297.7	100.0	0	36
K+	0.25	0.00	2.55	60.5	100.0	4	36
Precip	-	0.5	30.7	237.5	86.8	43	79
Na+	3.93	0.15	77.20	932.9	100.0	0	36
SO4-- corr	0.01	-3.05	0.65	1.8	100.0	4	36
SO4--	0.34	0.04	3.41	80.8	100.0	0	36

IE0004R Ridge Of Capard Ireland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	3.69	0.00	177.92	746.3	100.0	1	41
Ca++	0.44	0.00	2.61	89.6	100.0	1	41
Cl-	1.96	0.10	9.50	396.1	100.0	0	41
Mg++	0.159	0.000	2.041	32.1	100.0	1	41
NO3-	0.21	0.01	1.44	42.7	100.0	0	41
pH	5.65	4.20	7.80	456.0	100.0	0	41
K+	0.53	0.00	16.06	106.8	100.0	5	41
Precip	-	0.5	29.0	202.3	100.0	51	92
Na+	1.11	0.06	11.36	224.3	100.0	0	41
SO4-- corr	0.75	0.07	40.20	151.7	100.0	0	41
SO4--	0.84	0.13	41.15	169.5	100.0	0	41

IE0004R Ridge Of Capard Ireland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.83	0.08	3.51	165.4	100.0	0	38
Ca++	0.32	0.05	2.09	64.1	100.0	0	38
Cl-	1.55	0.40	11.80	308.6	100.0	0	38
Mg++	0.124	0.000	0.660	24.6	100.0	2	38
NO3-	0.23	0.03	2.38	46.2	100.0	0	38
pH	6.37	6.00	7.30	85.6	99.8	0	37
K+	0.15	0.00	0.39	30.2	100.0	2	38
Precip	-	0.4	18.4	198.7	100.0	54	92
Na+	0.50	0.02	8.08	99.9	100.0	0	38
SO4-- corr	0.37	0.10	1.98	72.8	100.0	0	38
SO4--	0.43	0.14	2.00	85.0	100.0	0	38

IE0004R Ridge Of Capard Ireland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.30	0.04	2.32	87.9	100.0	0	38
Ca++	0.16	0.07	0.71	46.9	100.0	0	38
Cl-	2.66	0.30	9.50	782.6	100.0	0	38
Mg++	0.145	0.000	0.710	42.8	100.0	2	38
NO3-	0.10	0.01	0.82	29.7	100.0	0	38
pH	5.75	4.60	6.80	519.3	100.0	0	38
K+	0.70	0.03	2.44	207.3	100.0	0	38
Precip	-	0.5	26.6	294.5	62.6	19	57
Na+	1.88	0.17	6.22	554.4	100.0	0	38
SO4-- corr	0.17	-0.20	2.07	50.3	100.0	6	38
SO4--	0.31	0.08	2.15	92.0	100.0	0	38

IS0002R Irafoss Iceland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
pH	5.51	5.20	6.60	1005.1	100.0	0	41
Precip	-	0.0	38.1	328.9	100.0	50	91
Na+	9.90	0.30	108.40	3256.8	100.0	0	41
SO4-- corr	0.06	-0.08	0.46	19.9	100.0	5	41
SO4--	0.88	0.10	9.50	290.4	100.0	0	41

IS0002R Irafoss Iceland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
pH	5.64	5.00	7.60	1211.6	100.0	0	47
Precip	-	0.0	63.7	530.1	100.0	45	92
Na+	3.14	0.40	51.30	1665.8	100.0	0	47
SO4-- corr	0.16	-0.72	0.73	82.5	100.0	1	47
SO4--	0.42	0.10	5.00	221.9	100.0	0	47

IS0002R Irafoss Iceland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
pH	5.48	4.90	7.70	1150.7	100.0	0	41
Precip	-	0.0	58.9	346.8	100.0	51	92
Na+	0.68	0.10	7.20	234.9	100.0	0	41
SO4-- corr	0.18	0.02	2.34	63.9	100.0	0	41
SO4--	0.24	0.10	2.80	83.6	100.0	0	41

IS0002R Irafoss Iceland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
pH	5.47	5.10	6.20	1302.2	100.0	0	37
Precip	-	0.0	93.0	383.5	100.0	54	91
Na+	1.38	0.20	9.00	530.6	100.0	0	37
SO4-- corr	0.04	-0.15	2.11	15.6	100.0	6	37
SO4--	0.16	0.10	2.50	60.0	100.0	0	37

IT0001R Montelibretti Italy

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.62	0.16	5.97	124.4	92.4	0	11
Ca++	1.68	0.28	16.71	336.0	100.0	0	12
Cl-	10.98	0.59	224.00	2189.3	100.0	0	12
Mg++	0.822	0.050	18.750	163.9	100.0	0	12
NO3-	0.46	0.16	1.75	90.9	100.0	0	12
pH	5.41	5.21	7.15	781.8	100.0	0	12
K+	0.45	0.04	8.67	88.8	100.0	0	12
Precip	-	0.0	51.0	199.4	100.0	79	91
Na+	6.12	0.31	137.60	1219.8	100.0	0	12
SO4-- corr	0.27	0.03	1.83	54.6	100.0	0	12
SO4--	0.78	0.06	12.73	154.9	100.0	0	12

IT0001R Montelibretti Italy

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.43	0.01	1.24	130.6	94.0	0	14
Ca++	3.04	0.55	44.40	927.1	100.0	0	15
Cl-	1.61	0.10	8.97	489.6	100.0	0	15
Mg++	0.200	0.030	1.576	60.8	100.0	0	15
NO3-	0.46	0.12	1.21	138.5	100.0	0	15
pH	4.17	3.14	7.97	20702.2	100.0	0	15
K+	0.24	0.06	1.21	73.0	100.0	0	15
Precip	-	0.0	81.0	304.6	100.0	77	92
Na+	0.91	0.04	5.04	276.3	100.0	0	15
SO4-- corr	0.87	0.17	9.19	263.8	100.0	0	15
SO4--	0.96	0.18	10.28	291.5	100.0	0	15

IT0001R Montelibretti Italy

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.71	0.11	12.96	52.7	97.8	0	5
Ca++	3.61	1.80	48.90	267.0	100.0	0	6
Cl-	1.63	0.88	13.37	120.6	100.0	0	6
Mg++	0.231	0.142	1.810	17.0	100.0	0	6
NO3-	0.57	0.25	9.05	41.9	100.0	0	6
pH	6.62	6.56	7.62	17.6	100.0	0	6
K+	0.38	0.17	6.83	28.4	100.0	0	6
Precip	-	0.0	57.8	73.9	100.0	86	92
Na+	1.12	0.60	8.10	82.7	100.0	0	6
SO4-- corr	0.84	0.44	8.15	61.8	100.0	0	6
SO4--	0.93	0.50	8.58	68.8	100.0	0	6

IT0001R Montelibretti Italy

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.28	0.05	1.27	127.7	100.0	0	18
Ca++	0.98	0.28	7.27	445.7	100.0	0	18
Cl-	2.35	0.34	11.00	1064.5	100.0	0	18
Mg++	0.199	0.040	0.780	90.2	100.0	0	18
NO3-	0.36	0.07	1.40	165.3	100.0	0	18
pH	5.43	4.60	7.23	1685.4	100.0	0	18
K+	0.13	0.03	1.46	58.1	100.0	0	18
Precip	-	0.0	58.4	453.9	100.0	73	91
Na+	1.40	0.22	6.66	635.0	100.0	0	18
SO4-- corr	0.38	0.13	1.71	172.3	100.0	0	18
SO4--	0.50	0.15	1.77	225.3	100.0	0	18

IT0004R Ispra Italy

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	2.20	0.22	11.64	83.3	100.0	0	4
Ca++	0.26	0.07	0.90	9.9	100.0	0	4
Cl-	0.79	0.17	3.40	30.0	100.0	0	4
Mg++	0.042	0.000	0.270	1.6	100.0	3	4
NO3-	2.33	0.44	11.82	88.1	100.0	0	4
pH	4.33	3.56	5.37	1767.6	100.0	0	4
K+	0.17	0.02	0.82	6.4	100.0	0	4
Precip	-	0.0	19.4	37.8	100.0	87	91
Na+	0.21	0.00	0.79	8.0	100.0	1	4
SO4-- corr	1.11	0.15	5.57	42.0	100.0	0	4
SO4--	1.14	0.15	5.76	43.2	100.0	0	4

IT0004R Ispra Italy

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	1.03	0.09	5.34	631.9	100.0	0	36
Ca++	0.80	0.10	5.20	487.5	100.0	0	36
Cl-	0.27	0.00	2.70	166.3	100.0	6	36
Mg++	0.081	0.020	0.390	49.6	100.0	0	36
NO3-	0.74	0.07	4.46	454.8	100.0	0	36
pH	5.09	3.74	6.94	4978.3	100.0	0	36
K+	0.05	0.00	0.57	33.3	100.0	3	36
Precip	-	0.0	61.0	613.5	100.0	56	92
Na+	0.18	0.00	2.05	109.6	100.0	1	36
SO4-- corr	0.76	0.10	2.59	463.8	100.0	0	36
SO4--	0.78	0.14	2.66	476.1	100.0	0	36

IT0004R Ispra Italy

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.93	0.19	15.03	376.2	100.0	0	23
Ca++	0.56	0.10	3.90	228.3	100.0	0	23
Cl-	0.32	0.10	1.40	128.3	100.0	0	23
Mg++	0.058	0.020	0.420	23.6	100.0	0	23
NO3-	0.55	0.15	5.83	223.9	100.0	0	23
pH	4.91	4.45	6.70	4939.8	100.0	0	23
K+	0.08	0.00	0.36	32.8	100.0	2	23
Precip	-	0.0	89.4	406.2	100.0	69	92
Na+	0.21	0.01	0.92	86.8	100.0	0	23
SO4-- corr	0.64	0.10	6.76	262.1	100.0	0	23
SO4--	0.67	0.11	6.84	270.4	100.0	0	23

IT0004R Ispra Italy

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.62	0.03	5.91	604.6	98.2	0	34
Ca++	0.76	0.00	25.80	743.5	98.2	1	34
Cl-	0.34	0.00	4.50	329.4	98.2	1	34
Mg++	0.064	0.010	0.840	63.2	98.2	0	34
NO3-	0.41	0.01	3.26	404.2	98.2	0	34
pH	4.81	4.17	7.90	15126.1	97.8	0	33
K+	0.10	0.00	0.47	95.0	98.2	3	34
Precip	-	0.0	82.5	983.7	97.8	54	89
Na+	0.26	0.02	2.79	254.2	98.2	0	34
SO4-- corr	0.51	0.00	4.05	497.7	98.2	0	34
SO4--	0.53	0.01	4.28	519.6	98.2	0	34

LT0015R Preila Lithuania

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.74	0.56	1.89	30.1	99.8	0	8
Ca++	1.24	0.45	2.15	50.3	99.8	0	8
Cl-	11.30	2.30	25.55	459.9	99.8	0	8
NO3-	0.95	0.61	2.07	38.8	99.8	0	8
pH	4.43	3.97	6.70	1502.0	100.0	0	9
K+	0.32	0.18	0.68	13.1	99.8	0	8
Precip	-	0.1	17.5	40.7	65.9	0	9
Na+	6.14	1.45	16.50	249.8	99.8	0	8
SO4-- corr	0.51	0.29	1.13	20.9	99.8	0	8
SO4--	1.03	0.56	2.16	41.8	99.8	0	8

LT0015R	Preila	Lithuania					
March 2000 - May 2000							
Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.86	0.25	3.16	68.5	100.0	0	17
Ca++	0.78	0.20	3.30	62.6	100.0	0	17
Cl-	3.38	0.25	17.45	270.6	100.0	0	17
NO3-	0.65	0.30	2.83	52.3	100.0	0	17
pH	4.93	4.16	6.11	939.0	100.0	0	17
K+	0.22	0.10	0.62	17.2	100.0	0	17
Precip	-	0.0	18.8	80.0	100.0	49	66
Na+	1.86	0.25	9.50	149.1	100.0	0	17
SO4-- corr	0.83	-0.27	4.86	66.8	100.0	1	17
SO4--	0.99	0.26	4.91	79.3	100.0	0	17

LT0015R	Preila	Lithuania					
June 2000 - August 2000							
Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.68	0.04	3.47	62.8	96.5	0	30
Ca++	0.83	0.22	7.40	76.7	96.5	0	30
Cl-	2.85	0.29	16.07	264.2	96.5	0	30
NO3-	0.55	0.16	2.64	50.8	96.5	0	30
pH	5.34	4.20	5.96	425.5	96.5	0	30
K+	0.23	0.11	2.90	21.5	96.5	0	30
Precip	-	0.0	12.5	92.7	100.0	58	92
Na+	1.75	0.20	10.50	161.9	96.5	0	30
SO4-- corr	0.67	0.14	6.57	62.1	96.5	0	30
SO4--	0.82	0.24	7.07	75.7	96.5	0	30

LT0015R	Preila	Lithuania					
September 2000 - November 2000							
Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.43	0.02	2.96	40.9	100.0	0	33
Ca++	0.89	0.29	10.00	85.7	100.0	0	33
Cl-	2.69	0.30	24.52	259.3	100.0	0	33
NO3-	0.46	0.05	6.12	44.7	100.0	0	33
pH	5.41	4.80	6.77	371.7	100.0	0	33
K+	0.17	0.08	0.62	16.7	100.0	0	33
Precip	-	0.0	16.0	96.3	100.0	58	91
Na+	1.72	0.20	16.50	165.5	100.0	0	33
SO4-- corr	0.76	0.07	9.37	73.6	100.0	0	33
SO4--	0.91	0.14	9.58	87.5	100.0	0	33

LV0010R	Rucava		Latvia				
December 1999 - February 2000							
Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.34	0.01	1.47	70.7	99.7	1	46
Ca++	0.28	0.04	1.14	58.6	99.1	0	45
Cl-	2.89	0.10	9.90	610.9	97.5	0	43
Mg++	0.200	0.005	0.884	42.3	99.1	0	45
NO3-	0.65	0.10	2.00	137.4	99.1	0	45
pH	4.76	3.96	6.00	3678.1	100.0	0	47
K+	0.16	0.01	0.68	33.8	96.9	0	44
Precip	-	0.0	19.2	211.0	100.0	43	90
Na+	2.07	0.08	7.10	436.8	98.6	0	44
SO4-- corr	0.38	-0.02	1.52	81.0	99.1	1	45
SO4--	0.53	0.07	1.60	111.9	99.1	0	45

LV0010R Rucava Latvia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.46	0.01	1.62	44.5	99.1	2	24
Ca++	0.26	0.06	2.11	25.2	97.3	0	23
Cl-	0.80	0.13	2.49	77.1	97.3	0	23
Mg++	0.064	0.002	0.415	6.1	97.3	0	23
NO3-	0.76	0.10	2.40	73.0	97.3	0	23
pH	3.79	3.08	6.71	15506.8	99.1	0	24
K+	0.09	0.01	0.25	8.6	97.3	1	23
Precip	-	0.0	12.5	96.5	100.0	67	92
Na+	0.42	0.09	1.49	40.5	97.3	0	23
SO4-- corr	0.76	0.04	2.66	73.0	97.3	0	23
SO4--	0.79	0.07	2.67	75.9	97.3	0	23

LV0010R Rucava Latvia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.22	0.02	1.40	41.9	99.4	3	26
Ca++	0.17	0.01	1.57	32.6	99.4	0	26
Cl-	0.56	0.10	3.52	107.6	98.7	0	25
Mg++	0.072	0.021	0.601	13.8	99.4	0	26
NO3-	0.51	0.10	1.10	96.9	99.4	0	26
pH	4.26	3.68	6.41	10358.1	100.0	0	27
K+	0.06	0.01	0.60	12.0	99.4	0	26
Precip	-	0.0	39.4	190.8	100.0	65	92
Na+	0.27	0.04	0.86	51.2	99.4	0	26
SO4-- corr	0.51	-0.03	2.38	97.5	99.4	1	26
SO4--	0.54	0.03	2.40	103.7	99.4	0	26

LV0010R Rucava Latvia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.43	0.13	1.41	64.2	98.5	0	28
Ca++	0.33	0.01	7.51	48.8	98.5	0	28
Cl-	0.91	0.18	6.00	134.7	98.5	0	28
Mg++	0.103	0.018	0.986	15.3	98.5	0	28
NO3-	0.50	0.14	1.80	74.8	98.5	0	28
pH	4.62	3.92	6.50	3525.6	98.5	0	28
K+	0.10	0.02	1.26	14.3	98.5	0	28
Precip	-	0.0	16.9	148.2	100.0	62	91
Na+	0.46	0.06	1.46	67.7	98.5	0	28
SO4-- corr	0.52	0.18	1.91	77.2	98.5	0	28
SO4--	0.56	0.20	2.60	83.4	98.5	0	28

LV0016R Zoseni Latvia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.52	0.07	1.77	89.1	95.7	0	49
Ca++	0.45	0.07	3.90	77.7	94.6	0	45
Cl-	1.27	0.10	7.56	218.5	91.9	0	40
Mg++	0.149	0.005	0.742	25.7	94.1	0	44
NO3-	0.60	0.20	2.00	103.7	94.6	0	45
pH	5.13	4.14	6.80	1272.2	97.9	0	54
K+	0.12	0.01	0.52	21.5	95.3	0	47
Precip	-	0.0	18.3	172.5	100.0	25	90
Na+	0.67	0.02	4.16	116.2	90.1	0	45
SO4-- corr	0.34	0.01	1.27	58.8	94.6	0	45
SO4--	0.40	0.07	1.34	69.3	94.6	0	45

LV0016R Zoseni Latvia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.90	0.21	3.03	117.8	95.1	0	30
Ca++	0.71	0.17	4.52	92.9	93.1	0	28
Cl-	0.54	0.10	1.90	70.7	86.8	0	25
Mg++	0.258	0.030	1.416	33.9	93.1	0	28
NO3-	0.60	0.26	1.50	79.2	94.1	0	29
pH	5.45	4.32	7.15	464.2	97.5	0	34
K+	0.18	0.04	1.24	23.3	94.1	0	29
Precip	-	0.0	15.1	131.5	100.0	54	92
Na+	0.31	0.03	2.83	40.4	93.1	0	28
SO4-- corr	0.50	0.17	1.28	66.1	94.1	0	29
SO4--	0.55	0.20	1.37	72.6	94.1	0	29

LV0016R Zoseni Latvia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.22	0.02	2.20	70.0	99.4	0	45
Ca++	0.44	0.01	3.49	139.9	99.4	0	45
Cl-	0.35	0.10	1.54	110.6	96.6	0	39
Mg++	0.176	0.003	0.824	56.3	98.3	0	41
NO3-	0.29	0.09	1.00	93.2	99.4	0	45
pH	4.81	3.89	6.90	4947.8	99.9	0	48
K+	0.10	0.01	0.81	31.4	99.4	0	45
Precip	-	0.0	50.4	320.1	100.0	43	92
Na+	0.17	0.01	3.30	53.4	99.4	0	45
SO4-- corr	0.51	0.04	1.98	162.6	99.4	0	45
SO4--	0.52	0.04	2.00	167.4	99.4	0	45

LV0016R Zoseni Latvia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.43	0.03	1.40	46.9	96.0	0	22
Ca++	0.28	0.05	1.59	31.1	95.6	0	21
Cl-	0.41	0.10	1.50	44.3	95.6	0	21
Mg++	0.097	0.017	0.636	10.6	95.6	0	21
NO3-	0.35	0.04	1.30	38.8	95.6	0	21
pH	4.92	3.86	6.76	1315.4	99.9	0	30
K+	0.06	0.02	0.19	6.9	95.6	0	21
Precip	-	0.0	11.2	109.5	100.0	60	91
Na+	0.20	0.05	0.67	21.5	95.6	0	21
SO4-- corr	0.51	0.14	1.56	55.8	95.6	0	21
SO4--	0.53	0.20	1.60	58.4	95.6	0	21

NL0009R Kollumerwaard Netherlands

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
H+	7.	-50.	33.	1853.	94.2	21	47
NH4+	0.43	0.13	1.82	113.2	92.9	0	40
Ca++	0.53	0.10	2.20	139.8	90.9	0	35
Cl-	5.64	0.30	71.30	1500.7	93.7	0	43
Mg++	0.408	0.051	1.743	108.4	90.9	0	35
NO3-	0.31	0.10	2.09	83.1	93.7	0	43
pH	5.29	4.69	6.43	1372.9	94.4	0	48
K+	0.28	0.00	1.29	73.3	90.9	1	35
Precip	-	0.0	22.1	265.9	100.0	26	91
Na+	3.18	0.14	13.96	846.3	90.9	0	35
SO4-- corr	0.35	0.14	1.71	92.3	93.7	0	43
SO4--	0.63	0.25	3.99	166.8	93.7	0	43

NL0009R Kollumerwaard Netherlands

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
H+	-19.	-127.	46.	-3122.	79.9	25	31
NH4+	0.97	0.18	2.56	159.8	77.8	0	25
Ca++	0.64	0.10	2.10	104.8	77.2	0	24
Cl-	2.84	0.30	9.70	466.3	79.1	0	28
Mg++	0.243	0.000	0.715	40.0	77.2	1	24
NO3-	0.59	0.20	2.28	97.5	79.1	0	28
pH	5.40	4.41	6.78	653.1	79.9	0	31
K+	0.25	0.05	1.69	40.9	77.2	0	24
Precip	-	0.0	12.7	164.3	100.0	45	92
Na+	1.70	0.21	5.40	279.4	77.2	0	24
SO4-- corr	0.68	0.34	1.92	111.0	79.1	0	28
SO4--	0.81	0.48	1.99	133.8	79.1	0	28

NL0009R Kollumerwaard Netherlands

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
H+	-3.	-71.	116.	-498.	98.6	22	34
NH4+	0.87	0.04	2.17	127.1	96.7	0	29
Ca++	0.44	0.10	2.10	64.1	94.7	0	26
Cl-	2.92	0.20	45.80	428.5	98.4	0	33
Mg++	0.184	0.000	2.044	26.9	94.7	1	26
NO3-	0.61	0.09	2.64	89.4	98.4	0	33
pH	5.14	3.97	6.81	1048.7	98.6	0	34
K+	0.23	0.00	1.77	34.4	94.7	1	26
Precip	-	0.0	15.7	146.5	98.9	51	91
Na+	1.38	0.15	17.06	202.2	94.7	0	26
SO4-- corr	0.69	0.22	1.89	100.5	98.4	0	33
SO4--	0.83	0.25	2.99	121.1	98.4	0	33

NL0009R Kollumerwaard Netherlands

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
H+	-2.	-261.	68.	-481.	95.2	36	52
NH4+	0.78	0.14	3.32	188.2	93.4	0	44
Ca++	0.24	0.10	0.90	58.7	93.0	0	43
Cl-	2.01	0.10	16.80	484.4	94.9	0	50
Mg++	0.144	0.000	1.089	34.7	93.0	6	43
NO3-	0.46	0.12	2.04	111.8	94.9	0	50
pH	5.22	4.26	7.35	1472.3	95.2	0	52
K+	0.17	0.00	1.44	40.1	93.0	3	43
Precip	-	0.0	15.0	241.3	100.0	31	91
Na+	1.17	0.07	9.49	282.2	93.0	0	43
SO4-- corr	0.53	0.13	1.60	127.2	94.9	0	50
SO4--	0.62	0.21	1.89	150.9	94.9	0	50

NO0001R Birkenes Norway

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.17	0.00	0.85	86.4	99.0	4	53
Ca++	0.11	0.00	0.46	53.2	99.0	4	53
Cl-	4.82	0.10	19.85	2416.8	99.0	0	53
Mg++	0.290	0.005	1.262	145.7	99.0	1	53
NO3-	0.32	0.02	1.27	162.8	99.0	0	53
pH	4.81	4.12	5.41	7711.5	99.6	0	58
K+	0.11	0.00	0.53	54.4	99.0	2	53
Precip	-	0.0	63.4	501.6	100.0	23	91
Na+	2.62	0.04	11.15	1315.2	99.0	0	53
SO4-- corr	0.28	0.04	1.25	139.4	99.0	0	53
SO4--	0.48	0.04	1.56	241.4	99.0	0	53

NO0001R Birkenes Norway

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.63	0.00	3.44	195.5	96.0	3	34
Ca++	0.12	0.01	0.81	38.2	98.4	0	36
Cl-	2.32	0.00	10.49	718.7	98.4	1	36
Mg++	0.169	0.005	0.721	52.2	98.4	6	36
NO3-	0.52	0.04	2.76	162.4	98.4	0	36
pH	4.64	3.82	5.75	7150.1	96.8	0	38
K+	0.10	0.00	0.40	32.2	96.0	1	34
Precip	-	0.0	48.0	309.3	100.0	43	92
Na+	1.33	0.00	5.96	411.1	98.4	1	36
SO4-- corr	0.54	0.04	2.24	166.4	98.4	0	36
SO4--	0.65	0.06	2.29	200.9	98.4	0	36

NO0001R Birkenes Norway

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.30	0.00	1.80	94.5	98.5	9	30
Ca++	0.08	0.00	0.98	25.1	98.5	3	30
Cl-	0.53	0.00	7.14	165.4	98.5	1	30
Mg++	0.054	0.005	0.540	17.0	98.5	4	30
NO3-	0.33	0.00	1.99	102.9	98.5	3	30
pH	4.71	4.15	5.40	6059.6	99.1	0	34
K+	0.04	0.00	0.21	10.8	98.5	6	30
Precip	-	0.0	62.9	313.3	100.0	50	92
Na+	0.30	0.01	4.56	94.2	98.5	0	30
SO4-- corr	0.36	0.02	1.61	112.6	98.5	0	30
SO4--	0.38	0.02	1.70	120.5	98.5	0	30

NO0001R Birkenes Norway

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.34	0.01	2.31	442.4	99.8	0	70
Ca++	0.09	0.00	1.18	122.8	99.8	1	70
Cl-	3.10	0.24	30.91	4053.6	99.8	0	70
Mg++	0.204	0.024	2.019	266.7	99.8	0	70
NO3-	0.48	0.05	3.15	624.9	99.8	0	70
pH	4.50	3.72	5.27	41463.6	99.9	0	73
K+	0.09	0.01	0.62	113.0	99.8	0	70
Precip	-	0.0	62.9	1306.2	100.0	6	91
Na+	1.63	0.17	16.12	2130.8	99.8	0	70
SO4-- corr	0.41	0.01	2.37	529.7	99.8	0	70
SO4--	0.54	0.03	2.50	707.1	99.8	0	70

NO0008R Skre Aadalen Norway

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.02	0.86	157.3	99.7	1	64
Ca++	0.19	0.03	1.14	209.3	99.7	0	64
Cl-	8.02	0.17	58.77	8680.6	99.7	0	64
Mg++	0.463	0.014	3.341	500.9	99.7	0	64
NO3-	0.14	0.00	0.91	149.0	99.7	2	64
pH	5.13	4.35	5.88	8060.3	100.0	0	68
K+	0.28	0.03	1.53	299.7	99.7	0	64
Precip	-	0.0	55.5	1082.5	100.0	22	91
Na+	4.36	0.11	32.11	4721.6	99.7	0	64
SO4-- corr	0.17	-0.06	0.95	179.5	99.7	2	64
SO4--	0.49	0.02	2.49	535.0	99.7	0	64

NO0008R Skre Aadalen Norway

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.37	0.00	1.59	200.0	99.1	1	46
Ca++	0.17	0.04	1.48	93.4	94.1	0	44
Cl-	1.45	0.11	9.83	784.2	99.1	0	46
Mg++	0.096	0.005	0.667	52.2	99.1	1	46
NO3-	0.29	0.01	2.90	159.0	99.1	0	46
pH	5.16	4.02	6.53	3713.0	94.8	0	50
K+	0.19	0.04	0.97	102.5	99.1	0	46
Precip	-	0.0	79.0	541.3	100.0	37	92
Na+	0.86	0.07	5.60	463.4	99.1	0	46
SO4-- corr	0.26	0.01	1.51	140.8	99.1	0	46
SO4--	0.33	0.04	1.97	178.1	99.1	0	46

NO0008R Skre Aadalen Norway

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.32	0.00	3.48	121.4	96.4	2	38
Ca++	0.15	0.02	1.67	58.5	97.4	0	40
Cl-	1.27	0.05	7.60	482.1	96.6	0	39
Mg++	0.081	0.005	0.514	30.7	97.4	1	40
NO3-	0.28	0.00	3.37	107.8	97.4	1	40
pH	4.90	4.04	6.90	4802.6	96.7	0	40
K+	0.22	0.06	1.85	82.0	96.4	0	38
Precip	-	0.0	41.5	380.9	100.0	38	92
Na+	0.76	0.07	4.13	288.7	96.6	0	39
SO4-- corr	0.34	0.04	3.08	130.8	97.4	0	40
SO4--	0.40	0.05	3.28	153.8	97.4	0	40

NO0008R Skre Aadalen Norway

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.24	0.08	2.09	274.8	99.5	0	69
Ca++	0.09	0.00	1.46	100.0	99.5	2	69
Cl-	1.99	0.20	8.15	2261.4	99.8	0	70
Mg++	0.111	0.005	0.578	126.3	99.8	1	70
NO3-	0.24	0.04	2.05	275.4	99.8	0	70
pH	4.79	4.13	6.13	18350.3	99.7	0	71
K+	0.13	0.04	0.62	150.5	99.5	0	69
Precip	-	0.0	92.3	1134.8	100.0	17	91
Na+	1.17	0.11	5.18	1323.0	99.8	0	70
SO4-- corr	0.20	0.01	1.44	225.1	99.8	0	70
SO4--	0.29	0.04	1.52	332.4	99.8	0	70

NO0015R Tustervatn Norway

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.02	1.01	68.1	98.9	1	63
Ca++	0.13	0.00	0.97	65.2	98.9	1	63
Cl-	5.55	0.22	48.45	2702.6	98.9	0	63
Mg++	0.330	0.010	2.947	160.9	98.9	0	63
NO3-	0.04	0.00	0.42	20.3	98.9	5	63
pH	5.46	4.56	6.34	1702.1	99.5	0	67
K+	0.19	0.03	1.07	92.7	98.9	0	63
Precip	-	0.0	24.5	486.9	100.0	15	91
Na+	3.05	0.13	26.28	1483.8	98.9	0	63
SO4-- corr	0.06	-0.08	0.25	30.3	98.9	1	63
SO4--	0.30	0.03	2.20	145.7	98.9	0	63

NO0015R Tustervatn Norway

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.24	0.00	1.49	68.6	89.6	2	39
Ca++	0.19	0.00	0.63	54.8	92.4	1	39
Cl-	4.73	0.14	27.88	1356.1	96.0	0	41
Mg++	0.308	0.005	1.704	88.2	96.0	2	42
NO3-	0.07	0.00	0.50	20.5	96.0	1	41
pH	5.45	4.26	6.77	1007.4	91.9	0	49
K+	0.18	0.00	1.36	52.5	89.6	1	39
Precip	-	0.0	38.1	286.6	100.0	29	92
Na+	2.57	0.00	15.41	735.3	96.0	1	42
SO4-- corr	0.13	0.02	0.49	36.9	96.0	0	41
SO4--	0.34	0.03	1.32	96.9	96.0	0	41

NO0015R Tustervatn Norway

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.00	0.44	41.0	86.5	3	35
Ca++	0.06	0.00	0.21	20.4	91.9	1	36
Cl-	0.28	0.00	6.61	100.7	97.8	1	39
Mg++	0.040	0.005	0.335	14.7	97.8	12	39
NO3-	0.05	0.00	0.22	19.0	95.8	3	38
pH	5.32	4.77	6.60	1731.6	87.9	0	42
K+	0.08	0.02	0.41	28.6	86.5	0	35
Precip	-	0.0	33.5	364.2	81.5	20	75
Na+	0.17	0.02	3.62	63.4	97.8	0	39
SO4-- corr	0.12	0.00	0.35	43.1	97.8	1	39
SO4--	0.14	0.00	0.47	49.0	97.8	1	39

NO0015R Tustervatn Norway

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.09	0.02	0.57	16.7	94.7	0	25
Ca++	0.03	0.01	0.23	6.7	94.7	0	25
Cl-	0.45	0.02	5.23	87.9	94.7	0	25
Mg++	0.027	0.005	0.346	5.3	94.7	8	25
NO3-	0.08	0.00	0.52	15.4	94.7	2	25
pH	5.05	4.10	6.38	1717.9	98.4	0	35
K+	0.08	0.02	1.34	15.1	94.7	0	25
Precip	-	0.0	30.0	194.5	100.0	41	91
Na+	0.24	0.01	3.05	47.3	94.7	0	25
SO4-- corr	0.08	0.01	0.60	14.8	94.7	0	25
SO4--	0.09	0.02	0.62	18.5	94.7	0	25

NO0039R Kaarvatn Norway

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.03	0.00	0.12	17.6	99.7	6	49
Ca++	0.13	0.00	1.61	68.7	99.7	2	49
Cl-	6.28	0.07	79.14	3285.9	99.7	0	49
Mg++	0.388	0.005	4.935	202.7	99.7	0	49
NO3-	0.03	0.00	0.18	15.4	99.7	1	49
pH	5.28	4.88	5.61	2744.2	100.0	0	52
K+	0.13	0.00	1.55	68.3	99.7	1	49
Precip	-	0.0	37.9	522.8	100.0	39	91
Na+	3.52	0.04	45.72	1839.2	99.7	0	49
SO4-- corr	0.06	-0.02	0.17	29.4	99.7	1	49
SO4--	0.34	0.01	3.88	179.4	99.7	0	49

NO0039R Kaarvatn Norway

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.10	0.00	0.96	31.7	98.1	1	34
Ca++	0.15	0.00	0.47	49.1	98.1	1	34
Cl-	4.11	0.04	21.05	1362.7	98.8	0	36
Mg++	0.269	0.005	1.284	89.2	98.8	4	36
NO3-	0.06	0.01	0.79	21.1	98.8	0	36
pH	5.29	4.45	6.56	1709.6	99.2	0	40
K+	0.11	0.03	0.43	35.6	98.1	0	34
Precip	-	0.0	38.4	331.9	100.0	49	92
Na+	2.25	0.02	11.24	747.4	98.8	0	36
SO4-- corr	0.11	0.03	0.66	35.6	98.8	0	36
SO4--	0.29	0.06	1.00	96.9	98.8	0	36

NO0039R Kaarvatn Norway

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.12	0.00	1.49	49.6	98.2	7	49
Ca++	0.03	0.00	0.87	13.3	98.3	4	50
Cl-	0.48	0.03	4.05	199.2	98.9	0	51
Mg++	0.036	0.005	0.268	15.1	98.9	8	51
NO3-	0.06	0.00	0.81	25.0	98.9	4	51
pH	5.20	4.64	6.44	2660.8	95.8	0	53
K+	0.04	0.00	0.27	16.5	98.2	2	49
Precip	-	0.0	46.5	418.6	100.0	32	92
Na+	0.27	0.03	2.17	111.9	98.9	0	51
SO4-- corr	0.11	0.01	0.99	46.5	98.9	0	51
SO4--	0.13	0.02	1.02	55.8	98.9	0	51

NO0039R Kaarvatn Norway

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.02	0.52	9.2	94.2	0	9
Ca++	0.05	0.01	0.24	3.4	94.2	0	9
Cl-	0.91	0.08	3.64	58.2	94.2	0	9
Mg++	0.084	0.005	0.243	5.4	94.2	1	9
NO3-	0.05	0.00	0.22	3.5	94.2	1	9
pH	5.35	4.97	6.12	283.0	99.1	0	14
K+	0.07	0.01	0.17	4.6	94.2	0	9
Precip	-	0.0	15.4	64.0	100.0	76	91
Na+	0.48	0.04	1.94	31.0	94.2	0	9
SO4-- corr	0.09	0.02	0.22	5.8	94.2	0	9
SO4--	0.13	0.03	0.24	8.4	94.2	0	9

NO0041R Osen Norway

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.09	0.01	0.47	12.3	98.4	0	23
Ca++	0.03	0.00	0.17	3.6	98.4	2	23
Cl-	0.66	0.05	4.81	92.4	98.4	0	23
Mg++	0.033	0.005	0.332	4.7	98.4	2	23
NO3-	0.22	0.07	0.75	31.3	98.4	0	23
pH	5.01	4.13	5.65	1391.0	99.8	0	26
K+	0.07	0.00	0.40	10.3	98.4	1	23
Precip	-	0.0	15.8	140.9	100.0	64	91
Na+	0.35	0.03	2.85	49.1	98.4	0	23
SO4-- corr	0.12	0.01	0.66	16.7	98.4	0	23
SO4--	0.14	0.01	0.89	20.4	98.4	0	23

NO0041R Osen Norway

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.27	0.02	1.86	46.1	86.4	0	23
Ca++	0.12	0.00	0.92	20.9	96.6	1	26
Cl-	0.32	0.04	1.02	54.9	99.1	0	27
Mg++	0.040	0.005	0.176	6.8	96.6	5	26
NO3-	0.28	0.10	1.54	47.2	99.1	0	27
pH	5.04	4.58	5.64	1557.0	86.4	0	23
K+	0.10	0.00	0.70	18.0	86.4	1	23
Precip	-	0.0	22.5	171.2	98.9	63	91
Na+	0.19	0.00	0.60	31.6	99.1	1	27
SO4-- corr	0.24	0.02	1.14	40.9	99.1	0	27
SO4--	0.26	0.03	1.18	43.9	99.1	0	27

NO0041R Osen Norway

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.12	0.00	0.92	30.8	96.1	7	33
Ca++	0.07	0.00	0.56	17.5	96.8	2	34
Cl-	0.10	0.00	0.75	26.2	96.8	2	35
Mg++	0.019	0.005	0.170	4.9	96.8	19	34
NO3-	0.09	0.00	0.52	22.8	96.8	13	35
pH	5.01	4.44	6.13	2473.3	96.3	0	34
K+	0.08	0.00	0.43	20.2	96.1	2	33
Precip	-	0.0	22.0	255.8	100.0	56	92
Na+	0.07	0.00	0.47	18.5	96.8	1	34
SO4-- corr	0.15	0.02	0.62	39.5	96.8	0	35
SO4--	0.16	0.02	0.63	41.0	96.8	0	35

NO0041R Osen Norway

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.19	0.03	0.88	78.8	100.0	0	44
Ca++	0.05	0.00	0.52	19.3	100.0	3	44
Cl-	0.44	0.03	12.78	183.3	100.0	0	44
Mg++	0.028	0.005	0.796	12.0	100.0	18	44
NO3-	0.24	0.00	0.82	100.1	100.0	2	44
pH	4.55	4.10	5.09	11936.2	100.0	0	44
K+	0.04	0.00	0.25	15.2	100.0	9	44
Precip	-	0.0	42.7	421.3	100.0	47	91
Na+	0.23	0.00	7.02	97.6	100.0	1	44
SO4-- corr	0.32	0.05	1.58	133.5	100.0	0	44
SO4--	0.34	0.06	1.59	141.5	100.0	0	44

NO0055R Karasjok Norway

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.17	0.03	0.57	10.7	65.7	0	14
Ca++	0.11	0.02	0.36	6.7	84.9	0	20
Cl-	1.47	0.33	3.59	93.8	65.7	0	14
Mg++	0.046	0.011	0.130	2.9	84.9	0	20
NO3-	0.19	0.04	0.37	12.0	84.9	0	20
pH	5.42	4.79	6.45	244.0	74.1	0	21
K+	0.38	0.06	1.15	24.0	65.7	0	14
Precip	-	0.0	5.1	63.6	100.0	53	91
Na+	0.89	0.21	2.42	56.9	65.7	0	14
SO4-- corr	0.10	0.02	0.38	6.2	84.9	0	20
SO4--	0.16	0.06	0.44	10.3	84.9	0	20

NO0055R Karasjok Norway

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.05	0.51	8.9	87.6	0	13
Ca++	0.10	0.04	0.31	6.2	85.4	0	12
Cl-	0.74	0.17	3.03	47.3	87.6	0	13
Mg++	0.047	0.005	0.178	3.0	87.6	1	13
NO3-	0.11	0.05	0.29	7.0	87.6	0	13
pH	5.05	4.70	6.39	569.7	92.0	0	19
K+	0.15	0.04	1.02	9.5	85.4	0	12
Precip	-	0.0	18.5	63.9	100.0	57	92
Na+	0.44	0.10	1.95	28.3	87.6	0	13
SO4-- corr	0.22	0.09	0.67	14.2	87.6	0	13
SO4--	0.26	0.13	0.75	16.5	87.6	0	13

NO0055R Karasjok Norway

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.13	0.00	0.75	13.3	89.8	4	23
Ca++	0.07	0.00	0.51	6.9	96.4	2	26
Cl-	0.26	0.05	0.99	26.8	96.1	0	26
Mg++	0.034	0.005	0.422	3.5	97.5	8	27
NO3-	0.10	0.02	0.48	10.5	97.5	0	27
pH	4.75	4.18	5.88	1836.6	91.1	0	26
K+	0.14	0.02	0.58	14.0	89.8	0	23
Precip	-	0.0	9.7	103.7	100.0	57	92
Na+	0.19	0.03	0.70	19.5	96.1	0	26
SO4-- corr	0.42	0.05	1.99	43.8	97.5	0	27
SO4--	0.44	0.05	2.28	45.8	97.5	0	27

NO0055R Karasjok Norway

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.12	0.00	0.61	8.6	88.7	1	16
Ca++	0.06	0.00	0.36	4.5	85.0	1	15
Cl-	0.33	0.05	2.89	24.3	88.7	0	16
Mg++	0.019	0.005	0.077	1.4	85.0	1	15
NO3-	0.09	0.00	0.53	6.3	88.7	2	16
pH	5.09	4.44	6.45	602.4	92.8	0	25
K+	0.16	0.04	1.33	11.7	85.0	0	15
Precip	-	0.0	24.2	73.3	100.0	52	91
Na+	0.19	0.03	1.77	13.9	88.7	0	16
SO4-- corr	0.14	0.01	0.45	10.5	88.7	0	16
SO4--	0.16	0.02	0.57	11.5	88.7	0	16

NO0099R Lista Norway

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.34	0.00	1.97	72.6	90.9	2	33
Ca++	3.11	0.03	30.70	663.9	98.0	0	34
Cl-	140.76	1.50	1350.20	30023.2	98.0	0	34
Mg++	8.426	0.088	80.130	1797.3	98.0	0	34
NO3-	0.42	0.05	1.93	89.0	98.0	0	34
pH	4.75	4.02	6.49	3817.0	92.5	0	39
K+	3.48	0.06	29.75	742.3	98.0	0	34
Precip	-	0.0	15.9	213.3	65.9	18	60
Na+	79.47	0.68	749.10	16951.9	98.0	0	34
SO4-- corr	0.49	-4.57	11.72	103.4	98.0	9	34
SO4--	6.70	0.40	64.17	1429.9	98.0	0	34

NO0099R Lista Norway

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.79	0.00	4.41	202.7	96.0	4	36
Ca++	0.86	0.04	6.22	219.2	95.2	0	35
Cl-	31.85	0.52	282.90	8147.9	96.0	0	36
Mg++	2.137	0.025	19.461	546.6	96.0	0	36
NO3-	0.80	0.13	3.70	203.3	96.0	0	36
pH	4.70	3.63	6.34	5067.7	96.5	0	41
K+	0.78	0.06	5.75	198.8	96.0	0	36
Precip	-	0.0	26.8	255.8	100.0	41	92
Na+	17.88	0.29	156.36	4572.4	96.0	0	36
SO4-- corr	0.54	-0.73	4.10	137.1	96.0	4	36
SO4--	2.03	0.49	12.96	518.7	96.0	0	36

NO0099R Lista Norway

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.49	0.00	6.90	101.2	97.1	8	28
Ca++	0.65	0.04	3.20	132.9	97.1	0	28
Cl-	18.88	2.43	97.50	3876.2	97.1	0	28
Mg++	1.287	0.173	8.110	264.2	97.1	0	28
NO3-	0.59	0.04	2.30	120.4	97.1	0	28
pH	4.63	4.10	6.46	4821.1	99.6	0	36
K+	0.48	0.06	3.06	99.3	97.1	0	28
Precip	-	0.0	32.9	205.3	100.0	51	92
Na+	10.81	1.38	62.66	2219.6	97.1	0	28
SO4-- corr	0.48	-0.41	1.93	98.2	97.1	2	28
SO4--	1.36	0.16	4.98	280.0	97.1	0	28

NO0099R Lista Norway

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.46	0.00	2.56	373.5	99.6	1	65
Ca++	1.05	0.07	18.97	862.6	99.6	0	65
Cl-	45.98	0.77	834.40	37682.3	99.6	0	65
Mg++	2.979	0.121	54.870	2441.6	99.6	0	65
NO3-	0.69	0.10	2.75	561.2	99.6	0	65
pH	4.45	3.75	6.44	29328.8	99.9	0	69
K+	0.94	0.08	16.48	769.8	99.6	0	65
Precip	-	0.0	40.4	819.5	100.0	18	91
Na+	25.81	0.39	471.14	21152.1	99.6	0	65
SO4-- corr	0.44	-0.61	2.50	359.5	99.6	3	65
SO4--	2.59	0.39	40.05	2124.2	99.6	0	65

PL0002R Jarczew Poland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.78	0.19	4.67	78.7	99.0	0	53
Ca++	0.25	0.10	1.80	24.9	98.8	0	52
Cl-	1.36	0.23	11.30	137.5	99.0	0	53
Mg++	0.081	0.020	0.654	8.2	98.8	0	52
NO3-	0.77	0.24	7.56	77.8	99.0	0	53
pH	4.50	3.31	5.79	3216.8	99.5	0	56
K+	0.09	0.02	0.76	8.6	98.8	0	52
Precip	-	0.0	9.8	101.4	100.0	34	91
Na+	0.52	0.05	5.53	53.1	98.8	0	52
SO4-- corr	0.85	0.24	4.99	85.8	99.0	0	53
SO4--	0.89	0.25	5.05	90.7	99.0	0	53

PL0002R Jarczew Poland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.69	0.18	4.98	95.8	99.2	0	33
Ca++	0.41	0.00	3.70	56.5	99.1	1	32
Cl-	0.38	0.10	9.50	52.3	99.2	0	33
Mg++	0.063	0.013	0.544	8.6	99.1	0	32
NO3-	0.55	0.18	4.86	75.7	99.2	0	33
pH	4.67	3.49	6.69	2970.8	99.2	0	33
K+	0.08	0.01	1.03	10.4	99.1	0	32
Precip	-	0.0	32.1	137.8	100.0	52	92
Na+	0.14	0.01	3.64	18.8	99.1	0	32
SO4-- corr	0.88	0.18	5.16	120.5	99.2	0	33
SO4--	0.89	0.19	5.23	123.1	99.2	0	33

PL0002R Jarczew Poland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.74	0.16	7.03	178.0	99.3	0	43
Ca++	0.23	0.00	1.30	55.6	99.2	3	40
Cl-	0.22	0.00	4.30	52.0	99.3	2	43
Mg++	0.029	0.006	0.372	6.9	99.2	0	40
NO3-	0.40	0.08	4.11	97.5	99.3	0	43
pH	4.76	3.73	6.92	4242.2	99.3	0	43
K+	0.09	0.03	3.27	21.9	99.2	0	40
Precip	-	0.0	45.2	241.3	100.0	42	92
Na+	0.07	0.01	1.25	17.3	99.2	0	40
SO4-- corr	0.78	0.16	10.16	188.8	99.3	0	43
SO4--	0.80	0.16	10.36	192.5	99.3	0	43

PL0002R Jarczew Poland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.73	0.20	4.02	70.4	99.5	0	26
Ca++	0.18	0.00	2.20	16.9	98.2	3	20
Cl-	0.29	0.10	6.90	27.8	99.5	0	26
Mg++	0.026	0.005	0.218	2.5	98.2	0	20
NO3-	0.43	0.08	2.60	41.8	99.5	0	26
pH	4.61	4.08	7.42	2357.7	99.6	0	27
K+	0.06	0.02	0.73	5.5	98.2	0	20
Precip	-	0.0	12.6	96.2	100.0	61	91
Na+	0.08	0.01	1.61	8.0	98.2	0	20
SO4-- corr	0.79	0.13	10.41	76.1	99.5	0	26
SO4--	0.81	0.14	10.73	77.7	99.5	0	26

PL0003R Sniezka Poland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.56	0.05	3.21	246.9	96.7	0	72
Ca++	0.60	0.28	4.00	267.2	96.7	0	72
Cl-	1.58	0.14	12.80	699.0	96.7	0	72
Mg++	0.204	0.080	1.150	90.2	96.7	0	72
NO3-	1.20	0.33	4.59	531.1	96.7	0	72
pH	4.65	3.57	5.58	9977.1	96.7	0	72
K+	0.20	0.09	0.58	90.8	96.7	0	72
Precip	-	0.0	47.8	442.8	100.0	12	91
Na+	0.91	0.08	12.80	403.2	96.7	0	72
SO4-- corr	0.54	-0.13	4.51	240.0	96.7	2	72
SO4--	0.65	0.13	4.56	288.9	96.7	0	72

PL0003R Sniezka Poland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.46	0.03	1.95	122.4	98.8	0	53
Ca++	0.74	0.10	5.10	198.4	98.5	0	50
Cl-	0.99	0.20	10.90	265.7	98.8	0	53
Mg++	0.128	0.020	0.520	34.5	98.5	0	50
NO3-	1.10	0.11	4.69	297.1	98.8	0	53
pH	4.48	3.77	6.49	8954.3	98.8	0	53
K+	0.25	0.05	4.95	66.7	98.5	0	50
Precip	-	0.1	22.3	269.1	100.0	33	92
Na+	0.55	0.07	2.74	146.7	98.5	0	50
SO4-- corr	0.50	-0.15	2.22	133.4	98.8	2	53
SO4--	0.56	0.09	2.32	150.0	98.8	0	53

PL0003R Sniezka Poland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.40	0.02	4.01	89.1	99.6	0	50
Ca++	0.85	0.10	6.70	189.0	99.6	0	50
Cl-	0.60	0.20	9.70	132.6	99.6	0	50
Mg++	0.140	0.030	1.580	31.1	99.6	0	50
NO3-	0.93	0.12	6.58	206.9	99.6	0	50
pH	4.57	3.67	6.06	5919.7	99.6	0	50
K+	0.23	0.07	1.32	51.2	99.6	0	50
Precip	-	0.0	27.7	222.3	100.0	37	92
Na+	0.38	0.12	7.16	84.6	99.6	0	50
SO4-- corr	0.66	0.11	7.78	147.1	99.6	0	50
SO4--	0.70	0.20	7.94	155.0	99.6	0	50

PL0003R Sniezka Poland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.56	0.11	5.08	117.3	97.7	0	51
Ca++	0.77	0.30	4.60	162.0	97.6	0	50
Cl-	1.03	0.30	5.40	215.3	97.7	0	51
Mg++	0.152	0.065	1.055	31.8	97.6	0	50
NO3-	1.04	0.29	5.25	218.7	97.7	0	51
pH	4.37	3.83	5.73	8917.4	97.7	0	51
K+	0.29	0.13	1.89	61.7	97.6	0	50
Precip	-	0.0	14.8	209.5	100.0	30	91
Na+	0.49	0.12	2.84	103.4	97.6	0	50
SO4-- corr	0.81	0.28	4.48	170.0	97.7	0	51
SO4--	0.87	0.32	4.73	181.9	97.7	0	51

PL0004R Leba Poland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.29	0.02	1.17	50.9	94.7	0	49
Ca++	0.26	0.07	0.90	45.7	94.7	0	49
Cl-	5.61	0.20	30.10	997.9	94.7	0	49
Mg++	0.341	0.010	1.593	60.7	94.7	0	49
NO3-	0.49	0.12	2.64	87.3	94.7	0	49
pH	4.76	3.72	5.40	3081.5	94.7	0	49
K+	0.11	0.01	0.55	19.9	94.7	0	49
Precip	-	0.0	32.2	177.8	100.0	31	91
Na+	2.93	0.07	16.50	521.4	94.7	0	49
SO4-- corr	0.39	0.16	1.11	69.1	94.7	0	49
SO4--	0.61	0.19	1.66	109.2	94.7	0	49

PL0004R Leba Poland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.70	0.06	3.45	78.7	98.0	0	29
Ca++	0.20	0.00	3.60	22.5	98.0	2	29
Cl-	1.79	0.20	23.90	200.6	98.0	0	29
Mg++	0.129	0.020	1.525	14.5	98.0	0	29
NO3-	0.63	0.15	4.05	70.9	98.0	0	29
pH	4.51	3.70	6.88	3433.2	98.0	0	29
K+	0.09	0.01	0.61	9.6	98.0	0	29
Precip	-	0.0	13.5	112.0	100.0	54	92
Na+	0.92	0.04	13.32	102.7	98.0	0	29
SO4-- corr	0.72	0.13	2.99	80.2	98.0	0	29
SO4--	0.80	0.15	3.17	89.4	98.0	0	29

PL0004R Leba Poland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.46	0.04	3.72	116.8	98.3	0	37
Ca++	0.13	0.00	1.10	33.8	98.3	4	37
Cl-	0.66	0.10	3.40	167.8	98.3	0	37
Mg++	0.054	0.003	0.312	13.7	98.3	0	37
NO3-	0.35	0.03	2.57	88.9	98.3	0	37
pH	4.96	3.87	6.74	2801.0	98.3	0	37
K+	0.07	0.02	0.99	18.2	98.3	0	37
Precip	-	0.0	26.3	255.5	100.0	43	92
Na+	0.33	0.02	2.06	84.9	98.3	0	37
SO4-- corr	0.39	0.04	2.50	98.6	98.3	0	37
SO4--	0.42	0.04	2.56	106.4	98.3	0	37

PL0004R Leba Poland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.45	0.04	10.43	52.8	98.6	0	32
Ca++	0.31	0.00	10.80	36.5	98.6	3	32
Cl-	0.91	0.10	3.90	107.5	98.6	0	32
Mg++	0.080	0.011	0.649	9.4	98.6	0	32
NO3-	0.52	0.22	8.77	61.4	98.6	0	32
pH	4.54	3.68	7.01	3422.2	98.6	0	32
K+	0.14	0.02	1.97	16.0	98.6	0	32
Precip	-	0.0	24.2	118.0	100.0	47	91
Na+	0.48	0.04	2.04	56.7	98.6	0	32
SO4-- corr	0.64	0.18	6.58	75.6	98.6	0	32
SO4--	0.68	0.24	7.03	80.7	98.6	0	32

PL0005R Diabla Gora Poland

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.54	0.05	2.39	82.1	99.7	1	65
Ca++	0.11	0.00	0.60	16.7	96.6	6	47
Cl-	1.47	0.10	21.60	222.0	93.6	2	63
Mg++	0.082	0.009	1.080	12.4	96.6	0	47
NO3-	0.70	0.10	3.39	106.4	99.7	0	65
pH	4.31	3.58	5.44	7488.9	99.3	0	61
K+	0.07	0.02	0.59	11.1	96.6	0	47
Precip	-	0.0	11.8	151.5	100.0	24	91
Precip off	-	0.0	12.1	154.3	100.0	24	91
Na+	0.62	0.03	8.59	94.0	96.6	0	47
SO4-- corr	0.59	0.10	4.56	90.1	99.7	0	65
SO4--	0.65	0.14	4.66	98.5	99.7	0	65

PL0005R Diabla Gora Poland

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.58	0.00	3.97	79.3	99.8	1	29
Ca++	0.22	0.00	4.10	29.7	99.4	5	26
Cl-	0.45	0.05	8.30	62.2	100.0	5	30
Mg++	0.060	0.007	0.670	8.3	99.4	0	26
NO3-	0.41	0.12	2.50	56.7	100.0	0	30
pH	4.27	3.84	6.82	7348.3	100.0	0	30
K+	0.13	0.01	4.30	17.5	99.4	0	26
Precip	-	0.0	27.6	133.5	100.0	62	92
Precip off	-	0.0	29.9	137.2	100.0	62	92
Na+	0.21	0.02	1.52	29.4	99.4	0	26
SO4-- corr	0.63	0.01	4.93	86.0	99.4	1	29
SO4--	0.65	0.03	4.99	89.2	99.4	1	29

PL0005R Diabla Gora Poland

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	1.36	0.10	10.40	285.6	100.0	0	44
Ca++	0.24	0.10	2.10	49.9	99.4	0	38
Cl-	0.65	0.05	6.80	137.1	100.0	10	44
Mg++	0.090	0.016	1.715	18.9	99.4	0	38
NO3-	0.41	0.03	1.88	86.4	100.0	1	44
pH	4.91	4.36	7.00	2600.9	100.0	0	44
K+	0.62	0.03	15.26	131.1	99.4	0	38
Precip	-	0.0	24.5	208.5	100.0	48	92
Precip off	-	0.0	25.3	210.7	100.0	48	92
Na+	0.25	0.02	1.50	51.9	99.2	0	37
SO4-- corr	0.68	0.14	8.90	142.7	100.0	0	44
SO4--	0.72	0.15	9.22	151.5	100.0	0	44

PL0005R Diabla Gora Poland

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.62	0.14	3.95	52.7	99.2	0	23
Ca++	0.15	0.00	1.20	12.6	95.9	1	17
Cl-	0.49	0.05	2.60	41.8	99.2	1	23
Mg++	0.025	0.007	0.493	2.1	96.2	0	18
NO3-	0.45	0.13	2.53	38.4	99.2	0	23
pH	4.53	3.88	6.18	2515.6	99.6	0	27
K+	0.11	0.01	1.46	9.7	93.9	0	17
Precip	-	0.0	16.2	90.8	98.9	63	90
Precip off	-	0.0	14.3	85.1	98.9	63	90
Na+	0.08	0.01	1.16	6.7	96.2	0	18
SO4-- corr	0.61	0.23	3.29	51.7	99.2	0	23
SO4--	0.62	0.24	3.40	52.6	99.2	0	23

PT0001R Braganca Portugal

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.26	0.10	1.15	24.5	93.2	0	8
Ca++	0.26	0.05	1.40	24.4	93.2	1	8
Cl-	0.31	0.00	0.60	29.5	93.2	2	8
Mg++	0.056	0.015	0.220	5.3	93.2	1	8
NO3-	0.15	0.05	0.65	14.4	93.2	0	8
pH	5.13	4.65	5.54	699.1	93.2	0	8
K+	0.07	0.04	0.24	6.9	93.2	1	8
Precip off	-	0.0	27.4	94.0	100.0	74	91
Na+	0.11	0.01	0.20	10.4	93.2	2	8
SO4-- corr	0.21	0.11	0.64	19.4	93.2	0	8
SO4--	0.22	0.12	0.64	20.5	93.2	0	8

PT0001R Braganca Portugal

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.37	0.01	1.45	104.9	86.8	3	19
Ca++	1.95	0.05	23.70	552.3	86.8	6	19
Cl-	0.40	0.00	3.10	111.9	86.8	1	19
Mg++	0.047	0.015	0.180	13.3	86.8	11	19
NO3-	0.22	0.04	0.59	61.1	86.8	0	19
pH	5.51	5.11	7.47	872.8	86.8	0	19
K+	0.09	0.04	0.66	26.3	86.8	16	19
Precip off	-	0.0	19.5	283.2	100.0	44	92
Na+	0.11	0.01	0.79	31.4	86.8	13	19
SO4-- corr	0.52	0.01	4.02	146.1	86.8	1	19
SO4--	0.53	0.03	4.08	150.7	86.8	1	19

PT0001R Braganca Portugal

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.07	0.06	0.08	2.3	43.5	0	2
Ca++	1.34	0.70	2.20	43.2	43.5	0	2
Cl-	0.37	0.20	0.60	12.0	43.5	0	2
Mg++	0.190	0.130	0.270	6.1	43.5	0	2
NO3-	0.05	0.04	0.07	1.7	43.5	0	2
pH	6.22	6.10	6.48	19.2	43.5	0	2
K+	0.23	0.04	0.48	7.4	43.5	1	2
Precip off	-	0.0	8.0	32.2	100.0	82	92
Na+	0.05	0.01	0.10	1.7	43.5	1	2
SO4-- corr	0.32	0.20	0.49	10.5	43.5	0	2
SO4--	0.33	0.20	0.50	10.6	43.5	0	2

PT0001R Braganca Portugal

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.12	0.01	0.64	31.7	64.6	5	12
Ca++	4.37	0.05	18.80	1155.7	64.6	2	12
Cl-	1.85	0.40	4.70	488.7	64.6	0	12
Mg++	0.276	0.015	0.960	72.9	64.6	3	12
NO3-	0.06	0.01	0.10	15.2	64.6	1	12
pH	5.63	5.04	7.36	626.2	64.6	0	12
K+	0.12	0.04	0.25	30.6	64.6	6	12
Precip off	-	0.0	43.5	264.4	100.0	50	91
Na+	0.75	0.01	2.60	199.1	64.6	3	12
SO4-- corr	0.55	0.05	1.81	146.2	64.6	0	12
SO4--	0.63	0.07	2.03	167.5	64.6	0	12

PT0003R V. Do Castelo Portugal

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.10	0.01	0.35	32.9	86.7	0	19
Ca++	0.43	0.05	1.40	144.8	86.7	0	19
Cl-	4.90	0.60	15.30	1642.4	86.7	0	19
Mg++	0.290	0.015	1.030	97.1	86.7	1	19
NO3-	0.15	0.01	0.51	48.9	86.7	1	19
pH	5.30	4.90	6.48	1682.3	86.7	0	19
K+	0.08	0.04	0.44	28.1	86.7	7	19
Precip off	-	0.0	42.7	335.2	100.0	56	91
Na+	2.21	0.32	7.38	741.3	86.7	0	19
SO4-- corr	0.50	0.15	1.23	168.7	86.7	0	19
SO4--	0.69	0.32	1.85	230.0	86.7	0	19

PT0003R V. Do Castelo Portugal

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.01	1.20	53.9	89.4	5	27
Ca++	0.32	0.05	5.30	156.3	89.4	3	27
Cl-	4.46	0.20	12.30	2168.4	89.4	0	27
Mg++	0.289	0.015	0.780	140.8	89.4	2	27
NO3-	0.12	0.01	0.57	61.0	89.4	2	27
pH	4.93	4.22	6.07	5769.0	89.4	0	27
K+	0.09	0.04	2.21	43.7	89.4	23	27
Precip off	-	0.0	57.9	486.5	100.0	36	92
Na+	2.36	0.07	6.35	1145.8	89.4	0	27
SO4-- corr	0.37	0.15	2.28	177.7	89.4	0	27
SO4--	0.56	0.28	2.79	274.9	89.4	0	27

PT0003R V. Do Castelo Portugal

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.86	0.01	3.15	114.2	79.0	1	8
Ca++	0.82	0.20	2.80	109.9	79.0	0	8
Cl-	2.09	0.80	3.60	278.6	79.0	0	8
Mg++	0.261	0.110	0.730	34.8	79.0	0	8
NO3-	0.18	0.06	0.55	24.5	79.0	0	8
pH	5.27	4.01	6.44	711.2	79.0	0	8
K+	0.34	0.04	1.32	45.7	79.0	3	8
Precip off	-	0.0	26.9	133.5	100.0	67	92
Na+	1.13	0.71	1.60	150.5	79.0	0	8
SO4-- corr	0.56	0.11	2.68	74.9	79.0	0	8
SO4--	0.67	0.17	2.81	89.7	79.0	0	8

PT0003R V. Do Castelo Portugal

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.10	0.01	0.92	60.4	95.4	3	32
Ca++	0.26	0.05	4.80	161.5	95.4	10	32
Cl-	5.64	1.00	29.50	3519.5	95.4	0	32
Mg++	0.329	0.040	1.830	205.7	95.4	1	32
NO3-	0.12	0.01	0.81	74.3	95.4	3	32
pH	4.76	4.04	6.49	10954.6	94.8	0	31
K+	0.13	0.04	4.61	80.9	95.4	16	32
Precip off	-	0.0	63.3	624.2	100.0	43	91
Na+	2.61	0.26	13.80	1630.7	95.4	0	32
SO4-- corr	0.28	-0.32	2.63	176.1	95.4	1	32
SO4--	0.50	0.05	2.96	311.0	95.4	0	32

PT0004R Monte Velho Portugal

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.05	0.01	0.23	2.9	93.8	1	8
Ca++	0.81	0.20	2.60	48.4	93.8	0	8
Cl-	7.60	1.40	29.80	454.4	93.8	0	8
Mg++	0.596	0.100	1.770	35.6	93.8	0	8
NO3-	0.09	0.01	0.34	5.2	93.8	0	8
pH	4.96	4.18	6.25	651.1	95.7	0	9
K+	0.15	0.04	0.67	8.9	93.8	0	8
Precip off	-	0.0	13.4	59.8	100.0	81	91
Na+	5.13	0.57	13.12	306.6	93.8	0	8
SO4-- corr	0.57	0.20	1.93	34.3	93.8	0	8
SO4--	0.96	0.35	3.03	57.4	93.8	0	8

PT0004R Monte Velho Portugal

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.16	0.01	2.47	25.6	87.6	2	10
Ca++	0.59	0.10	8.60	96.6	87.6	0	10
Cl-	6.21	1.00	16.00	1014.7	87.6	0	10
Mg++	0.460	0.110	1.830	75.1	87.6	0	10
NO3-	0.20	0.05	2.21	32.2	87.6	0	10
pH	4.77	3.78	6.24	2801.6	87.6	0	10
K+	0.21	0.04	3.65	34.2	87.6	7	10
Precip off	-	0.0	30.1	163.4	100.0	72	92
Na+	3.56	0.65	9.82	581.4	87.6	0	10
SO4-- corr	0.50	0.16	4.68	80.9	87.6	0	10
SO4--	0.79	0.38	5.50	128.4	87.6	0	10

PT0004R Monte Velho Portugal

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
Precip off	-	0.0	0.7	0.7	100.0	91	92

PT0004R Monte Velho Portugal

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.27	0.01	2.32	41.5	89.6	2	10
Ca++	0.76	0.05	4.10	115.1	89.6	1	10
Cl-	5.89	2.70	16.70	896.8	89.6	0	10
Mg++	0.501	0.180	1.270	76.3	89.6	0	10
NO3-	0.20	0.08	0.86	31.1	89.6	0	10
pH	5.10	4.84	6.31	1214.5	89.6	0	10
K+	0.15	0.04	0.66	22.3	89.6	5	10
Precip off	-	0.0	35.5	152.4	100.0	72	91
Na+	3.29	1.18	8.45	501.2	89.6	0	10
SO4-- corr	0.43	0.03	1.60	64.9	89.6	0	10
SO4--	0.72	0.22	2.21	109.3	91.1	0	11

RU0001R Janiskoski Russian Federation

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.20	0.00	1.77	22.5	100.0	2	21
Ca++	0.05	0.00	0.25	5.9	100.0	2	21
Cl-	1.53	0.15	10.30	169.5	100.0	0	21
Mg++	0.016	0.001	0.147	1.8	100.0	3	21
NO3-	0.09	0.00	0.30	10.4	100.0	1	21
pH	5.45	5.06	6.75	392.9	100.0	0	21
K+	0.42	0.06	2.92	46.7	100.0	0	21
Precip	-	0.0	13.9	110.6	100.0	70	91
Na+	0.99	0.10	6.14	108.9	100.0	0	21
SO4-- corr	0.06	-0.12	0.28	6.4	100.0	3	21
SO4--	0.13	0.02	0.60	14.6	100.0	0	21

RU0001R Janiskoski Russian Federation

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.33	0.00	2.11	50.4	100.0	7	34
Ca++	0.10	0.02	0.36	15.2	100.0	0	34
Cl-	2.61	0.58	16.54	400.3	100.0	0	34
Mg++	0.075	0.013	0.503	11.5	100.0	0	34
NO3-	0.11	0.00	0.56	17.1	100.0	1	34
pH	5.15	4.71	7.62	1078.9	100.0	0	34
K+	0.66	0.10	3.63	101.4	100.0	0	34
Precip	-	0.0	18.0	153.5	100.0	58	92
Na+	1.69	0.39	10.10	259.7	100.0	0	34
SO4-- corr	0.25	-0.17	0.94	38.9	100.0	1	34
SO4--	0.38	0.13	1.06	58.9	100.0	0	34

RU0001R Janiskoski Russian Federation

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.15	0.00	2.37	22.1	100.0	10	34
Ca++	0.11	0.01	1.17	16.5	100.0	0	34
Cl-	0.95	0.25	4.18	139.3	100.0	0	34
Mg++	0.066	0.015	0.230	9.8	100.0	0	34
NO3-	0.06	0.00	0.50	9.5	100.0	12	34
pH	5.01	4.29	6.77	1438.1	100.0	0	34
K+	0.32	0.00	1.91	47.9	100.0	1	34
Precip	-	0.0	11.5	147.2	98.9	58	91
Na+	0.53	0.17	2.41	78.5	100.0	0	34
SO4-- corr	0.39	0.12	2.59	57.2	100.0	0	34
SO4--	0.43	0.20	2.73	63.8	100.0	0	34

RU0001R Janiskoski Russian Federation

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.09	0.00	1.59	7.2	100.0	8	23
Ca++	0.22	0.09	1.59	16.9	100.0	0	23
Cl-	1.31	0.04	13.71	101.9	100.0	0	23
Mg++	0.040	0.002	0.260	3.1	100.0	0	23
NO3-	0.12	0.00	1.20	9.3	100.0	8	23
pH	5.07	4.62	6.89	666.4	100.0	0	23
K+	0.47	0.13	3.17	36.4	100.0	0	23
Precip	-	0.0	11.5	78.0	100.0	68	91
Na+	0.91	0.19	8.41	71.0	100.0	0	23
SO4-- corr	0.22	0.04	0.88	17.5	100.0	0	23
SO4--	0.29	0.07	1.46	22.9	100.0	0	23

RU0013R Pinega Russian Federation

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.00	0.75	12.8	100.0	8	52
Ca++	0.09	0.01	0.52	10.3	92.1	0	47
Cl-	0.41	0.07	3.43	46.9	100.0	0	52
Mg++	0.024	0.001	0.174	2.7	92.1	4	47
NO3-	0.18	0.00	0.71	20.8	100.0	5	52
pH	5.06	4.59	6.75	990.2	98.3	0	49
K+	0.23	0.02	4.47	25.7	100.0	1	52
Precip	-	0.0	9.6	113.3	100.0	39	91
Na+	0.26	0.08	2.15	29.7	100.0	0	52
SO4-- corr	0.25	-0.04	0.92	27.7	100.0	1	52
SO4--	0.26	0.06	1.02	29.9	100.0	0	52

RU0013R Pinega Russian Federation

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.29	0.01	2.46	40.5	100.0	4	42
Ca++	0.27	0.10	1.25	36.9	100.0	0	42
Cl-	0.52	0.08	2.62	71.9	100.0	0	42
Mg++	0.065	0.013	0.327	8.9	100.0	0	42
NO3-	0.20	0.00	1.24	27.3	100.0	2	42
pH	4.83	4.07	6.15	2050.2	100.0	0	42
K+	0.26	0.02	2.07	35.8	100.0	1	42
Precip	-	0.0	28.9	137.5	100.0	50	92
Na+	0.22	0.06	1.56	30.3	100.0	0	42
SO4-- corr	0.52	0.05	3.31	72.1	100.0	0	42
SO4--	0.55	0.09	3.36	76.1	100.0	0	42

RU0013R Pinega Russian Federation

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.09	0.00	0.78	8.3	100.0	11	22
Ca++	0.43	0.06	1.82	38.7	100.0	0	22
Cl-	0.60	0.21	4.13	54.9	100.0	0	22
Mg++	0.126	0.031	0.500	11.5	100.0	0	22
NO3-	0.05	0.00	0.40	4.5	100.0	13	22
pH	5.37	4.83	7.33	390.5	100.0	0	22
K+	0.29	0.00	2.08	26.8	100.0	1	22
Precip	-	0.0	15.3	91.0	100.0	70	92
Na+	0.25	0.09	2.53	23.2	100.0	0	22
SO4-- corr	0.29	0.05	1.65	26.1	100.0	0	22
SO4--	0.32	0.08	1.76	29.4	100.0	0	22

RU0013R Pinega Russian Federation

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.11	0.00	0.82	19.5	100.0	8	43
Ca++	0.19	0.02	1.26	32.0	100.0	0	43
Cl-	0.43	0.00	4.25	74.2	100.0	1	43
Mg++	0.045	0.021	0.395	7.7	100.0	0	43
NO3-	0.09	0.00	1.19	16.4	100.0	8	43
pH	5.06	4.40	6.54	1512.3	100.0	0	43
K+	0.20	0.06	0.74	33.7	100.0	0	43
Precip	-	0.0	33.0	172.0	100.0	48	91
Na+	0.26	0.06	2.44	44.7	100.0	0	43
SO4-- corr	0.25	0.00	1.49	43.8	100.0	2	43
SO4--	0.28	0.02	1.53	47.8	100.0	2	43

RU0016R Shepeljovo Russian Federation

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.35	0.00	6.68	78.0	100.0	8	39
Ca++	1.41	0.02	14.10	310.9	100.0	0	39
Cl-	5.70	0.63	49.98	1255.4	100.0	0	39
Mg++	0.311	0.025	2.410	68.5	100.0	0	39
NO3-	0.70	0.00	8.18	155.0	100.0	1	39
pH	5.39	4.47	7.80	893.0	100.0	0	39
K+	0.79	0.13	13.96	174.2	100.0	0	39
Precip	-	0.0	38.0	220.2	100.0	52	91
Na+	3.67	0.44	30.98	809.2	100.0	0	39
SO4-- corr	1.66	0.06	6.47	366.7	100.0	0	39
SO4--	1.97	0.28	8.14	434.7	100.0	0	39

RU0016R Shepeljovo Russian Federation

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.41	0.02	1.79	61.0	100.0	1	22
Ca++	0.53	0.13	1.99	78.5	99.6	0	21
Cl-	3.80	0.38	31.97	561.2	100.0	0	22
Mg++	0.217	0.014	2.040	32.1	100.0	0	22
NO3-	0.34	0.17	2.54	51.1	100.0	0	22
pH	5.18	4.35	7.07	971.2	100.0	0	22
K+	0.66	0.14	1.73	97.4	100.0	0	22
Precip	-	0.0	54.9	147.9	100.0	70	92
Na+	2.51	0.30	18.30	371.4	100.0	0	22
SO4-- corr	0.87	0.05	4.32	128.6	100.0	0	22
SO4--	1.08	0.26	5.24	159.6	100.0	0	22

RU0016R Shepeljovo Russian Federation

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.30	0.00	6.68	74.7	100.0	11	34
Ca++	0.54	0.06	3.81	136.2	100.0	0	34
Cl-	5.20	0.22	63.20	1306.0	100.0	0	34
Mg++	0.353	0.006	3.250	88.6	100.0	0	34
NO3-	0.16	0.00	1.04	41.2	100.0	5	34
pH	5.04	4.53	7.18	2285.3	100.0	0	34
K+	0.46	0.00	8.80	116.4	100.0	4	34
Precip	-	0.0	24.2	251.0	100.0	58	92
Na+	2.85	0.04	33.50	715.7	100.0	0	34
SO4-- corr	0.61	0.16	4.54	153.1	100.0	0	34
SO4--	0.82	0.16	6.39	207.0	100.0	0	34

RU0016R Shepeljovo Russian Federation

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.34	0.03	0.62	50.2	100.0	0	24
Ca++	0.66	0.22	3.86	97.0	100.0	0	24
Cl-	7.31	0.71	34.90	1070.6	100.0	0	24
Mg++	0.434	0.042	2.340	63.6	100.0	0	24
NO3-	0.38	0.08	0.93	55.6	100.0	0	24
pH	5.08	4.63	6.52	1214.8	100.0	0	24
K+	0.38	0.14	1.09	55.3	100.0	0	24
Precip	-	0.0	27.1	146.5	100.0	67	91
Na+	3.49	0.27	22.95	510.9	100.0	0	24
SO4-- corr	0.75	0.34	1.84	109.2	100.0	0	24
SO4--	1.01	0.46	2.53	147.9	100.0	0	24

RU0018R Danki Russian Federation

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.35	0.00	2.23	42.3	100.0	2	42
Ca++	0.25	0.02	0.87	29.8	100.0	0	42
Cl-	0.38	0.10	1.88	44.8	100.0	0	42
Mg++	0.080	0.001	0.680	9.5	100.0	0	42
NO3-	0.42	0.14	1.47	49.8	100.0	0	42
pH	5.10	4.47	6.57	946.5	99.2	0	41
K+	0.21	0.00	0.93	24.7	100.0	5	42
Precip	-	0.0	8.5	119.4	100.0	49	91
Na+	0.28	0.09	1.46	33.4	100.0	0	42
SO4-- corr	0.45	0.09	2.46	53.8	100.0	0	42
SO4--	0.48	0.10	2.52	56.9	100.0	0	42

RU0018R Danki Russian Federation

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.83	0.05	3.55	60.4	100.0	0	27
Ca++	0.41	0.17	1.35	30.0	51.6	0	12
Cl-	0.41	0.08	2.12	29.8	100.0	0	27
Mg++	0.127	0.041	0.792	9.2	51.6	0	12
NO3-	0.47	0.00	1.42	34.3	100.0	2	27
pH	5.39	4.60	6.91	292.3	100.0	0	27
K+	0.44	0.05	3.29	32.1	100.0	0	27
Precip	-	0.0	8.6	72.5	100.0	65	92
Na+	0.28	0.12	1.63	20.3	100.0	0	27
SO4-- corr	0.82	0.12	2.46	59.4	100.0	0	27
SO4--	0.84	0.16	2.49	61.1	100.0	0	27

RU0018R Danki Russian Federation

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.19	0.00	1.96	40.7	100.0	8	35
Ca++	0.46	0.02	2.98	98.7	100.0	0	35
Cl-	0.24	0.00	2.15	52.7	100.0	2	35
Mg++	0.068	0.008	0.866	14.9	100.0	0	35
NO3-	0.19	0.00	1.08	41.6	100.0	9	35
pH	4.84	4.31	6.53	3113.4	99.5	0	34
K+	0.19	0.03	2.78	41.8	100.0	2	35
Precip	-	0.0	21.7	216.9	100.0	57	92
Na+	0.12	0.02	0.86	26.4	100.0	0	35
SO4-- corr	0.49	0.12	3.71	105.6	100.0	0	35
SO4--	0.50	0.13	3.75	108.7	100.0	0	35

RU0018R Danki Russian Federation

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.38	0.00	1.77	47.7	100.0	6	27
Ca++	0.45	0.04	1.91	57.0	100.0	0	27
Cl-	0.36	0.10	1.23	45.3	100.0	0	27
Mg++	0.087	0.027	0.691	11.1	100.0	0	27
NO3-	0.31	0.00	1.69	38.9	100.0	2	27
pH	4.92	4.14	6.50	1539.2	100.0	0	27
K+	0.25	0.05	1.11	32.4	100.0	0	27
Precip	-	0.0	21.7	127.1	100.0	64	91
Na+	0.22	0.06	0.69	27.6	100.0	0	27
SO4-- corr	0.64	0.06	2.58	81.1	100.0	0	27
SO4--	0.66	0.08	2.60	83.9	100.0	0	27

SE0002R Rorvik Sweden

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.32	0.01	2.50	56.5	98.9	0	34
Ca++	0.34	0.03	1.71	60.0	99.8	0	39
Cl-	11.91	0.24	67.85	2132.1	99.8	0	39
Mg++	0.853	0.010	4.950	152.8	99.8	0	39
NO3-	0.52	0.07	3.81	93.1	99.8	0	39
pH	4.66	3.72	5.38	3894.2	99.9	0	40
K+	0.26	0.04	1.53	46.8	99.8	0	39
Precip	-	0.0	23.7	179.0	100.0	59	91
Na+	7.11	0.13	43.01	1272.1	99.8	0	39
SO4-- corr	0.28	0.02	1.55	49.3	99.8	0	39
SO4--	0.86	0.06	3.75	154.3	99.8	0	39

SE0002R Rorvik Sweden

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.58	0.01	2.32	98.2	99.9	0	26
Ca++	0.21	0.03	1.03	35.5	99.9	0	26
Cl-	1.44	0.14	9.38	244.4	99.9	0	26
Mg++	0.112	0.000	0.720	19.1	99.9	2	26
NO3-	0.51	0.17	1.86	86.1	99.9	0	26
pH	4.56	3.84	6.12	4637.3	100.0	0	27
K+	0.09	0.02	0.76	14.6	99.9	0	26
Precip	-	0.0	21.9	169.8	100.0	65	92
Na+	0.80	0.04	6.07	135.1	93.4	0	25
SO4-- corr	0.49	0.08	3.00	82.5	99.9	0	26
SO4--	0.56	0.10	3.07	94.9	99.9	0	26

SE0002R Rorvik Sweden

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.27	0.01	2.99	49.4	99.2	0	35
Ca++	0.09	0.01	0.61	16.1	99.6	0	37
Cl-	0.83	0.03	11.34	150.5	99.7	0	38
Mg++	0.073	0.010	0.630	13.3	99.6	0	37
NO3-	0.33	0.03	3.26	59.4	99.7	0	38
pH	4.61	4.11	5.40	4419.7	100.0	0	42
K+	0.08	0.01	4.29	15.0	99.6	0	37
Precip	-	0.0	19.4	181.7	100.0	50	92
Na+	0.52	0.03	12.40	94.2	99.6	0	37
SO4-- corr	0.31	0.03	3.24	56.1	99.7	0	38
SO4--	0.35	0.03	4.28	64.3	99.7	0	38

SE0002R Rorvik Sweden

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.50	0.01	3.49	159.9	99.5	0	46
Ca++	0.16	0.03	0.79	52.5	99.9	0	49
Cl-	3.80	0.00	12.72	1214.5	99.9	1	49
Mg++	0.256	0.010	0.720	81.7	99.9	0	49
NO3-	0.69	0.03	4.08	219.4	99.9	0	49
pH	4.37	3.68	5.40	13580.9	100.0	0	50
K+	0.10	0.02	0.34	30.6	99.9	0	49
Precip	-	0.0	27.3	319.6	100.0	41	91
Na+	2.20	0.01	7.12	703.8	99.9	0	49
SO4-- corr	0.44	0.04	4.04	139.4	99.9	0	49
SO4--	0.62	0.04	4.10	198.5	99.9	0	49

SE0005R Bredkalen Sweden

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.02	0.00	0.06	2.4	99.9	1	13 W
Ca++	0.03	0.03	0.13	3.8	99.4	0	13 W
Cl-	0.33	0.07	2.78	38.2	100.0	0	14 W
Mg++	0.016	0.000	0.110	1.9	99.4	2	13 W
NO3-	0.12	0.04	0.22	13.6	100.0	0	14 W
pH	5.01	4.74	5.32	1109.2	100.0	0	14 W
K+	0.04	0.04	0.13	4.6	99.4	0	13 W
Precip	-	0.0	22.8	114.9	71.4	2	16 W
Na+	0.17	0.01	1.61	19.3	99.4	0	13 W
SO4-- corr	0.06	0.00	0.15	7.0	100.0	0	14 W
SO4--	0.07	0.00	0.23	8.4	100.0	2	14 W

SE0005R Bredkalen Sweden

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.01	1.72	20.0	99.9	0	12 W
Ca++	0.05	0.03	0.70	7.3	99.9	0	12 W
Cl-	0.14	0.00	1.50	19.9	99.9	1	12 W
Mg++	0.010	0.000	0.200	1.4	99.9	3	12 W
NO3-	0.15	0.06	1.53	20.6	99.9	0	12 W
pH	4.79	4.28	5.29	2217.3	100.0	0	13 W
K+	0.04	0.00	0.43	5.1	99.9	1	12 W
Precip	-	0.0	30.0	137.3	102.2	3	16 W
Na+	0.11	0.05	1.07	15.1	99.9	0	12 W
SO4-- corr	0.23	0.07	1.27	32.2	99.9	0	12 W
SO4--	0.24	0.07	1.29	33.2	99.9	0	12 W

SE0005R Bredkalen Sweden

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.07	0.01	0.38	21.1	100.0	0	14 W
Ca++	0.04	0.01	0.15	10.9	100.0	0	14 W
Cl-	0.07	0.02	0.21	22.0	100.0	0	14 W
Mg++	0.037	0.010	0.050	11.1	100.0	0	14 W
NO3-	0.08	0.03	0.29	23.3	100.0	0	14 W
pH	4.96	4.55	5.18	3314.6	100.0	0	14 W
K+	0.04	0.01	0.15	13.0	100.0	0	14 W
Precip	-	0.0	53.1	300.3	97.8	2	16 W
Na+	0.04	0.01	0.10	11.4	100.0	0	14 W
SO4-- corr	0.13	0.04	0.72	40.2	100.0	0	14 W
SO4--	0.14	0.04	0.72	41.2	100.0	0	14 W

SE0005R Bredkalen Sweden

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.01	1.74	31.1	100.0	0	13 W
Ca++	0.07	0.03	0.35	16.0	100.0	0	13 W
Cl-	0.10	0.02	0.36	21.3	100.0	0	13 W
Mg++	0.050	0.010	0.130	10.9	100.0	0	13 W
NO3-	0.19	0.04	0.88	42.2	100.0	0	13 W
pH	4.66	3.97	5.12	4792.7	100.0	0	14 W
K+	0.03	0.01	0.23	7.4	100.0	0	13 W
Precip	-	0.0	37.0	218.4	100.0	1	15 W
Na+	0.05	0.00	0.24	9.9	100.0	1	13 W
SO4-- corr	0.29	0.04	1.95	63.8	100.0	0	13 W
SO4--	0.30	0.04	1.97	64.6	100.0	0	13 W

SE0011R Vavihill Sweden

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.54	0.12	2.82	122.0	100.0	0	16 W
Ca++	0.21	0.03	0.48	47.3	100.0	0	16 W
Cl-	6.59	0.46	18.66	1477.7	100.0	0	16 W
Mg++	0.470	0.040	1.300	105.4	100.0	0	16 W
NO3-	0.63	0.12	2.54	141.2	100.0	0	16 W
pH	4.75	3.97	5.38	3971.6	100.0	0	16 W
K+	0.17	0.04	0.51	36.9	100.0	0	16 W
Precip	-	1.8	46.1	224.4	71.4	0	16 W
Na+	4.03	0.29	11.31	905.2	100.0	0	16 W
SO4-- corr	0.41	0.09	1.77	91.5	100.0	0	16 W
SO4--	0.73	0.27	1.86	164.3	100.0	0	16 W

SE0011R Vavihill Sweden

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.87	0.31	3.46	124.2	97.2	0	11 W
Ca++	0.13	0.04	0.35	18.2	97.2	0	11 W
Cl-	1.84	0.20	5.28	261.1	97.2	0	11 W
Mg++	0.129	0.010	0.360	18.3	97.2	0	11 W
NO3-	0.70	0.30	2.46	99.1	97.2	0	11 W
pH	4.59	4.29	5.89	3656.1	97.2	0	11 W
K+	0.06	0.04	0.37	9.3	97.2	0	11 W
Precip	-	0.0	34.5	142.2	100.0	3	15 W
Na+	1.04	0.10	2.92	148.4	97.2	0	11 W
SO4-- corr	0.55	0.26	2.28	78.3	97.2	0	11 W
SO4--	0.64	0.27	2.32	90.6	97.2	0	11 W

SE0011R Vavihill Sweden

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.47	0.01	1.72	135.9	93.8	0	13 W
Ca++	0.07	0.02	0.23	20.0	93.8	0	13 W
Cl-	0.98	0.10	2.16	281.0	93.8	0	13 W
Mg++	0.073	0.020	0.120	20.8	93.8	0	13 W
NO3-	0.35	0.01	1.23	100.3	93.8	0	13 W
pH	4.79	4.36	5.70	4655.6	93.8	0	13 W
K+	0.10	0.02	0.60	29.6	93.8	0	13 W
Precip	-	0.0	61.1	286.9	100.0	2	16 W
Na+	0.60	0.08	1.34	171.8	93.8	0	13 W
SO4-- corr	0.33	0.13	0.79	95.9	93.8	0	13 W
SO4--	0.39	0.14	0.83	111.1	93.8	0	13 W

SE0011R Vavihill Sweden

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.47	0.18	2.98	111.4	100.0	0	14 W
Ca++	0.14	0.04	0.52	33.1	100.0	0	14 W
Cl-	0.77	0.12	2.49	180.3	100.0	0	14 W
Mg++	0.083	0.040	0.150	19.4	100.0	0	14 W
NO3-	0.56	0.30	3.30	132.2	100.0	0	14 W
pH	4.41	3.71	4.89	9126.0	100.0	0	14 W
K+	0.07	0.01	0.22	16.9	100.0	0	14 W
Precip	-	0.0	41.9	235.4	100.0	2	16 W
Na+	0.45	0.05	1.48	105.4	100.0	0	14 W
SO4-- corr	0.54	0.22	2.86	127.7	100.0	0	14 W
SO4--	0.58	0.23	2.93	136.6	100.0	0	14

SE0012R Aspvreten Sweden

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.14	0.06	0.26	7.6	100.0	0	8
Ca++	0.10	0.04	0.22	5.7	100.0	0	8
Cl-	2.22	0.13	5.53	123.9	100.0	0	8
Mg++	0.152	0.010	0.370	8.5	100.0	0	8
NO3-	0.32	0.16	0.47	17.7	100.0	0	8
pH	5.00	4.47	5.34	555.3	100.0	0	8
K+	0.05	0.04	0.15	2.9	100.0	0	8
Precip	-	0.6	13.5	55.8	23.1	0	8
Na+	1.32	0.04	3.12	73.8	100.0	0	8
SO4-- corr	0.19	0.09	0.33	10.8	100.0	0	8
SO4--	0.30	0.12	0.48	16.9	100.0	0	8

SE0012R Aspvreten Sweden

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.53	0.07	0.95	11.9	100.0	0	4
Ca++	0.51	0.05	1.06	11.4	100.0	0	4
Cl-	0.79	0.58	2.17	17.8	100.0	0	4
Mg++	0.068	0.030	0.130	1.5	100.0	0	4
NO3-	0.55	0.24	0.68	12.4	100.0	0	4
pH	4.60	4.00	4.75	567.7	100.0	0	64
K+	0.05	0.03	0.07	1.2	100.0	0	4
Precip	-	0.0	10.1	22.6	66.3	2	6
Na+	0.40	0.27	1.38	9.0	100.0	0	4
SO4-- corr	0.60	0.14	1.10	13.5	100.0	0	4
SO4--	0.65	0.17	1.17	14.8	100.0	0	4

SK0002R Chopok Slovakia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.40	0.05	1.03	101.9	95.8	0	49
Ca++	0.43	0.13	1.35	109.8	95.8	0	49
Cl-	0.74	0.07	4.92	189.8	95.8	0	49
Mg++	0.105	0.019	0.358	27.0	95.8	0	49
NO3-	0.57	0.12	1.51	145.3	95.8	0	49
pH	4.65	3.80	5.99	5756.9	89.7	0	48
K+	0.21	0.06	1.18	54.7	95.8	0	49
Precip	-	0.0	15.6	256.6	100.0	34	91
Na+	0.51	0.05	3.80	131.4	95.8	0	49
SO4-- corr	0.79	0.21	2.55	203.5	95.8	0	49
SO4--	0.84	0.23	2.57	214.6	95.8	0	49

SK0002R Chopok Slovakia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.62	0.13	2.20	197.0	98.5	0	51
Ca++	0.56	0.09	4.31	178.2	97.9	0	50
Cl-	0.56	0.11	2.83	178.5	97.9	0	50
Mg++	0.090	0.009	0.708	28.8	98.5	0	51
NO3-	0.53	0.11	2.15	167.5	98.5	0	51
pH	4.60	3.91	6.44	7946.5	97.9	0	50
K+	0.23	0.05	1.17	72.8	98.5	0	51
Precip	-	0.1	19.7	318.1	100.0	32	92
Na+	0.30	0.08	1.79	95.8	98.5	0	51
SO4-- corr	1.10	0.20	5.70	350.1	98.5	0	51
SO4--	1.13	0.21	5.73	360.4	98.5	0	51

SK0002R Chopok Slovakia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.49	0.09	2.97	154.8	96.7	0	34
Ca++	0.56	0.01	2.61	178.8	96.7	0	34
Cl-	0.25	0.04	2.21	77.9	96.7	0	34
Mg++	0.085	0.007	0.891	27.0	96.7	0	34
NO3-	0.41	0.07	3.57	128.7	96.7	0	34
pH	4.45	3.47	5.94	11223.6	96.7	0	34
K+	0.22	0.06	0.72	68.2	96.7	0	34
Precip	-	0.3	48.5	317.3	100.0	46	92
Na+	0.21	0.04	1.12	67.3	96.7	0	34
SO4-- corr	0.96	0.20	5.13	304.8	96.7	0	34
SO4--	0.98	0.21	5.20	310.6	96.7	0	34

SK0002R Chopok Slovakia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.63	0.10	2.29	118.0	90.4	0	33
Ca++	0.78	0.10	3.06	145.6	90.4	0	33
Cl-	0.59	0.14	2.92	110.5	90.4	0	33
Mg++	0.130	0.025	0.383	24.1	90.4	0	33
NO3-	0.53	0.14	2.01	98.5	90.4	0	33
pH	4.68	3.94	6.70	3887.3	90.4	0	33
K+	0.31	0.08	1.11	56.8	90.4	0	33
Precip	-	0.2	17.8	186.1	100.0	50	91
Na+	0.36	0.07	1.99	66.8	90.4	0	33
SO4-- corr	1.30	0.30	5.72	242.6	90.4	0	33
SO4--	1.34	0.32	5.77	250.1	90.4	0	33

SK0004R Stara Lesna Slovakia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.23	0.01	1.05	23.8	93.4	0	30
Ca++	0.42	0.13	1.68	44.1	93.4	0	30
Cl-	0.71	0.02	6.02	74.2	92.1	0	29
Mg++	0.134	0.038	0.391	13.9	93.4	0	30
NO3-	0.45	0.05	1.27	46.7	93.4	0	30
pH	4.62	3.90	5.44	2481.6	93.4	0	30
K+	0.25	0.04	1.95	26.3	92.1	0	29
Precip	-	0.0	8.1	103.9	100.0	46	91
Na+	0.54	0.06	4.31	55.6	92.1	0	29
SO4-- corr	0.59	0.05	1.83	61.7	93.4	0	30
SO4--	0.64	0.06	1.90	66.6	93.4	0	30

SK0004R Stara Lesna Slovakia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.46	0.04	1.94	113.7	99.4	0	40
Ca++	0.57	0.09	3.17	141.6	99.4	0	40
Cl-	0.32	0.05	1.31	79.6	99.4	0	40
Mg++	0.175	0.019	1.112	43.7	99.4	0	40
NO3-	0.36	0.09	1.13	90.5	99.4	0	40
pH	4.63	3.96	5.79	5849.6	94.7	0	38
K+	0.19	0.02	1.15	47.4	99.4	0	40
Precip	-	0.1	24.3	249.0	100.0	46	92
Na+	0.17	0.02	0.78	42.1	99.4	0	40
SO4-- corr	0.87	0.20	2.71	216.4	99.4	0	40
SO4--	0.89	0.20	2.73	220.9	99.4	0	40

SK0004R Stara Lesna Slovakia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.44	0.07	1.37	155.4	99.7	0	46
Ca++	0.63	0.18	6.71	221.5	99.7	0	46
Cl-	0.23	0.06	4.04	83.1	99.7	0	46
Mg++	0.095	0.019	0.737	33.5	99.7	0	46
NO3-	0.32	0.08	2.63	113.2	99.7	0	46
pH	4.47	3.85	6.08	11896.5	99.7	0	46
K+	0.22	0.03	0.99	77.6	99.7	0	46
Precip	-	0.1	39.2	353.4	100.0	43	92
Na+	0.16	0.03	1.24	56.4	99.7	0	46
SO4-- corr	0.77	0.13	5.56	270.6	99.7	0	46
SO4--	0.78	0.13	5.62	276.1	99.7	0	46

SK0004R Stara Lesna Slovakia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.19	0.02	0.74	36.8	98.8	0	20
Ca++	0.37	0.19	2.69	71.6	98.8	0	20
Cl-	0.26	0.12	1.79	50.3	98.8	0	20
Mg++	0.047	0.025	0.272	9.3	98.8	0	20
NO3-	0.40	0.16	1.10	78.0	98.8	0	20
pH	4.48	3.86	5.65	6452.7	98.8	0	20
K+	0.12	0.02	0.47	23.5	98.8	0	20
Precip	-	0.1	95.0	195.6	100.0	59	91
Na+	0.17	0.04	1.00	33.5	98.8	0	20
SO4-- corr	0.73	0.42	2.76	142.1	98.8	0	20
SO4--	0.75	0.45	2.95	146.7	98.8	0	20

SK0005R Liesek Slovakia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.33	0.02	1.91	41.4	90.6	0	34
Ca++	0.40	0.11	2.42	50.2	90.6	0	34
Cl-	0.69	0.10	4.36	87.7	90.6	0	34
Mg++	0.120	0.039	0.540	15.2	90.6	0	34
NO3-	0.65	0.08	2.36	82.5	90.6	0	34
pH	4.48	4.05	5.37	4186.5	90.6	0	34
K+	0.34	0.08	1.51	43.3	90.6	0	34
Precip	-	0.0	15.7	127.1	100.0	35	91
Na+	0.62	0.12	2.62	78.6	90.6	0	34
SO4-- corr	0.70	0.09	2.42	89.2	90.6	0	34
SO4--	0.75	0.13	2.62	95.9	90.6	0	34

SK0005R Liesek Slovakia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.34	0.06	1.16	82.9	97.9	0	35
Ca++	0.47	0.08	3.54	114.7	97.9	0	35
Cl-	0.55	0.08	4.99	135.3	97.9	0	35
Mg++	0.070	0.011	0.363	17.1	97.9	0	35
NO3-	0.36	0.01	1.19	87.7	97.9	0	35
pH	4.48	3.92	5.72	8162.5	95.8	0	32
K+	0.22	0.02	2.52	54.6	97.9	0	35
Precip	-	0.1	23.5	246.2	100.0	43	92
Na+	0.31	0.04	2.87	76.9	97.9	0	35
SO4-- corr	0.66	0.14	2.18	162.8	97.9	0	35
SO4--	0.69	0.15	2.28	170.1	97.9	0	35

SK0005R Liesek Slovakia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.28	0.06	0.80	103.6	99.1	0	35
Ca++	0.51	0.12	3.61	189.0	99.1	0	35
Cl-	0.30	0.07	1.47	110.5	99.1	0	35
Mg++	0.066	0.011	0.542	24.4	99.1	0	35
NO3-	0.28	0.08	1.37	105.5	99.1	0	35
pH	4.44	3.84	5.99	13449.8	99.1	0	35
K+	0.16	0.04	0.79	59.5	99.1	0	35
Precip	-	0.1	36.5	369.6	100.0	44	92
Na+	0.21	0.03	1.48	78.8	99.1	0	35
SO4-- corr	0.69	0.18	1.97	254.9	99.1	0	35
SO4--	0.71	0.19	1.99	261.6	99.1	0	35

SK0005R Liesek Slovakia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.34	0.06	2.17	50.6	91.5	0	24
Ca++	0.51	0.18	1.77	74.8	91.5	0	24
Cl-	0.45	0.16	1.55	66.9	91.5	0	24
Mg++	0.088	0.030	0.272	13.0	91.5	0	24
NO3-	0.34	0.05	1.98	50.4	91.5	0	24
pH	4.81	4.15	5.99	2273.8	91.5	0	24
K+	0.19	0.05	0.58	28.1	91.5	0	24
Precip	-	0.1	21.7	147.6	100.0	52	91
Na+	0.18	0.08	0.68	26.9	91.5	0	24
SO4-- corr	0.72	0.27	4.65	106.7	91.5	0	24
SO4--	0.75	0.28	4.70	111.3	91.5	0	24

SK0006R Starina Slovakia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.40	0.02	2.00	93.6	98.9	0	50
Ca++	0.52	0.23	2.80	123.6	98.9	0	50
Cl-	0.71	0.12	2.40	166.1	98.9	0	50
Mg++	0.120	0.043	0.361	28.1	98.9	0	50
NO3-	0.78	0.20	3.04	183.4	98.9	0	50
pH	4.53	3.87	5.39	6860.9	98.9	0	50
K+	0.25	0.07	1.15	59.5	98.9	0	50
Precip	-	0.0	24.0	235.4	100.0	33	91
Na+	0.47	0.10	2.52	110.8	98.9	0	50
SO4-- corr	0.81	0.26	4.19	190.7	98.9	0	50
SO4--	0.85	0.27	4.32	200.4	98.9	0	50

SK0006R Starina Slovakia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.49	0.06	1.63	95.1	86.9	0	32
Ca++	0.64	0.09	5.84	123.2	86.9	0	32
Cl-	0.40	0.05	2.21	76.4	86.9	0	32
Mg++	0.078	0.012	0.396	15.0	86.9	0	32
NO3-	0.55	0.13	1.94	105.7	86.9	0	32
pH	4.44	3.86	6.41	6964.2	86.9	0	32
K+	0.19	0.02	1.08	36.2	86.9	0	32
Precip	-	0.1	20.0	193.7	100.0	46	92
Na+	0.23	0.00	1.38	44.0	86.9	1	32
SO4-- corr	0.94	0.19	3.47	183.1	86.9	0	32
SO4--	0.97	0.19	3.59	188.1	86.9	0	32

SK0006R Starina Slovakia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.33	0.03	1.80	107.7	99.8	0	34
Ca++	0.38	0.08	2.33	123.9	99.8	0	34
Cl-	0.19	0.05	1.51	63.7	99.8	0	34
Mg++	0.049	0.011	0.239	16.1	99.8	0	34
NO3-	0.28	0.05	1.50	92.6	99.8	0	34
pH	4.37	3.71	6.05	13917.8	99.8	0	34
K+	0.14	0.03	0.71	43.9	99.8	0	34
Precip	-	0.2	62.2	325.9	100.0	57	92
Na+	0.10	0.01	0.98	31.5	99.8	0	34
SO4-- corr	0.68	0.14	4.08	221.1	99.8	0	34
SO4--	0.69	0.15	4.10	224.6	99.8	0	34

SK0006R Starina Slovakia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.32	0.08	0.89	41.6	90.3	0	20
Ca++	0.46	0.14	3.73	60.2	90.3	0	20
Cl-	0.31	0.08	3.27	40.6	90.3	0	20
Mg++	0.081	0.018	0.460	10.6	90.3	0	20
NO3-	0.37	0.07	1.24	48.2	90.3	0	20
pH	4.59	4.12	5.70	3413.4	90.3	0	20
K+	0.20	0.06	0.48	26.0	90.3	0	20
Precip	-	0.3	21.5	131.5	100.0	68	91
Na+	0.20	0.05	1.41	26.7	90.3	0	20
SO4-- corr	0.80	0.17	3.47	105.5	90.3	0	20
SO4--	0.83	0.19	3.79	108.8	90.3	0	20

TR0001R Cubuk II Turkey

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.54	0.31	1.13	21.7	99.4	0	10
Ca++	1.22	0.52	2.77	49.3	96.2	0	8
Cl-	0.88	0.42	2.54	35.7	99.4	0	10
Mg++	0.134	0.080	0.270	5.4	96.2	0	8
NO3-	0.44	0.12	1.46	17.6	99.4	0	10
pH	5.24	0.00	4.68	232.4	100.0	21	32
K+	0.25	0.14	0.52	10.2	96.2	0	8
Precip	-	0.0	8.8	40.4	35.2	21	32
Na+	0.64	0.39	1.10	25.7	96.2	0	8
SO4-- corr	1.13	0.76	2.79	45.7	99.4	0	10
SO4--	1.19	0.81	2.87	47.9	99.4	0	10

TR0001R Cubuk II Turkey

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.62	0.26	1.26	38.0	99.2	0	20
Ca++	4.09	1.05	10.68	251.3	93.1	0	18
Cl-	0.69	0.21	2.13	42.5	99.2	0	20
Mg++	0.244	0.090	0.440	15.0	99.2	0	20
NO3-	0.44	0.19	1.12	27.1	99.2	0	20
pH	6.47	5.66	7.89	20.7	100.0	0	21
K+	0.36	0.11	1.01	22.3	99.2	0	20
Precip	-	0.0	7.2	61.4	53.3	28	49
Na+	0.87	0.15	2.01	53.1	99.2	0	20
SO4-- corr	1.22	0.56	2.93	74.6	99.2	0	20
SO4--	1.28	0.62	3.06	78.9	99.2	0	20

TR0001R Cubuk II Turkey

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.65	0.40	1.70	22.1	100.0	0	11
Ca++	1.52	0.85	4.23	51.4	91.3	0	10
Cl-	0.55	0.16	1.75	18.5	100.0	0	11
Mg++	0.131	0.050	0.440	4.4	100.0	0	11
NO3-	0.40	0.07	1.33	13.6	100.0	0	11
pH	5.55	5.14	6.75	94.3	100.0	0	11
K+	0.38	0.15	1.48	13.0	100.0	0	11
Precip	-	0.0	9.0	33.8	100.0	82	92
Na+	0.70	0.14	5.73	23.6	100.0	0	11
SO4-- corr	1.11	0.15	3.54	37.5	100.0	0	11
SO4--	1.16	0.16	3.85	39.3	100.0	0	11

TR0001R Cubuk II Turkey

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.23	0.09	0.83	9.0	99.0	0	5
Ca++	1.04	0.66	6.06	41.1	99.0	0	5
Cl-	0.40	0.18	0.79	15.9	99.0	0	5
Mg++	0.089	0.070	0.370	3.5	99.0	0	5
NO3-	0.16	0.09	0.59	6.3	99.0	0	5
pH	5.84	4.86	7.25	56.8	100.0	0	6
K+	0.26	0.10	0.52	10.1	99.0	0	5
Precip	-	0.0	21.1	39.5	100.0	86	91
Na+	0.53	0.17	0.89	20.8	99.0	0	5
SO4-- corr	0.40	0.14	2.20	15.6	99.0	0	5
SO4--	0.44	0.19	2.27	17.2	99.0	0	5

YU0005R Kamenicki Vis Yugoslavia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.53	0.15	1.68	80.7	100.0	0	26
Ca++	1.00	0.26	12.40	152.3	97.7	0	23
Cl-	1.10	0.59	4.52	168.0	95.6	0	22
Mg++	0.173	0.060	0.790	26.3	97.7	0	23
NO3-	0.62	0.17	1.11	95.0	100.0	0	26
pH	5.08	4.28	6.22	1257.4	100.0	0	26
K+	0.24	0.02	2.16	36.6	97.7	0	23
Precip	-	0.0	20.6	152.3	98.9	64	90
Na+	0.94	0.29	3.87	143.3	97.7	0	23
SO4-- corr	1.40	0.56	5.93	213.3	97.7	0	23
SO4--	1.53	0.63	6.23	232.5	100.0	0	26

YU0005R Kamenicki Vis Yugoslavia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.95	0.52	2.54	129.0	100.0	0	20
Ca++	1.26	0.47	6.13	171.2	98.1	0	18
Cl-	1.30	0.60	4.38	175.6	96.9	0	17
Mg++	0.267	0.120	1.080	36.1	98.1	0	18
NO3-	0.31	0.02	0.81	42.3	99.4	0	19
pH	5.24	4.61	7.34	776.8	100.0	0	20
K+	0.73	0.16	6.64	99.1	98.1	0	18
Precip	-	0.0	32.3	135.4	100.0	72	92
Na+	0.75	0.39	1.94	101.9	98.1	0	18
SO4-- corr	1.89	0.81	5.09	255.9	99.4	0	19
SO4--	1.98	0.93	5.56	268.2	100.0	0	20

YU0005R Kamenicki Vis Yugoslavia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.83	0.15	22.17	80.0	97.9	0	12
Ca++	1.09	0.32	4.17	105.5	78.0	0	7
Cl-	2.92	1.45	9.38	282.2	97.1	0	11
Mg++	0.209	0.060	1.320	20.2	79.3	0	8
NO3-	0.37	0.02	0.73	35.6	100.0	0	15
pH	5.86	5.50	7.00	132.3	100.0	0	15
K+	0.37	0.14	3.55	35.9	79.3	0	8
Precip	-	0.0	23.2	96.7	100.0	77	92
Na+	0.68	0.17	3.01	65.4	79.3	0	8
SO4-- corr	1.06	0.35	6.17	102.9	97.1	0	11
SO4--	1.21	0.42	6.60	117.2	99.2	0	14

YU0005R Kamenicki Vis Yugoslavia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.64	0.27	4.98	63.7	96.5	0	11
Ca++	0.95	0.28	5.90	94.7	93.8	0	9
Cl-	7.24	0.60	12.25	724.7	98.9	0	12
Mg++	0.231	0.100	1.800	23.1	93.8	0	9
NO3-	0.36	0.08	0.92	36.3	94.9	0	10
pH	5.92	5.29	6.64	119.7	100.0	0	13
K+	0.47	0.13	5.59	47.2	93.8	0	9
Precip	-	0.0	36.4	100.1	100.0	78	91
Na+	0.84	0.52	1.86	84.3	93.8	0	9
SO4-- corr	1.18	0.55	6.44	118.0	98.9	0	12
SO4--	1.27	0.61	6.60	126.7	100.0	0	13

YU0008R Zabljak Yugoslavia

December 1999 - February 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.25	0.06	1.31	130.4	99.2	0	27
Ca++	0.11	0.01	2.72	60.2	99.2	0	27
Cl-	1.41	0.10	3.58	748.6	99.2	0	27
Mg++	0.066	0.010	0.420	35.1	99.2	0	27
NO3-	0.52	0.21	1.00	278.6	99.2	0	27
pH	5.30	4.37	6.63	2662.1	100.0	0	30
K+	0.06	0.01	0.43	33.0	99.2	0	27
Precip	-	0.0	104.8	532.6	97.8	59	89
Na+	1.21	0.01	3.91	643.7	99.2	0	27
SO4-- corr	0.83	0.24	3.23	443.6	99.2	0	27
SO4--	0.88	0.27	3.30	468.9	100.0	0	30

YU0008R Zabljak Yugoslavia

March 2000 - May 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.60	0.19	2.19	165.5	100.0	0	28
Ca++	1.43	0.21	4.81	392.9	99.6	0	27
Cl-	1.75	0.75	5.30	480.5	92.0	0	23
Mg++	0.215	0.070	0.900	58.9	99.6	0	27
NO3-	0.33	0.03	0.91	89.8	100.0	0	28
pH	5.80	4.79	6.96	440.2	100.0	0	28
K+	0.28	0.15	3.21	77.2	99.6	0	27
Precip	-	0.0	87.7	274.7	100.0	64	92
Na+	0.83	0.15	3.30	229.0	99.6	0	27
SO4-- corr	1.37	0.56	3.40	376.1	100.0	0	28
SO4--	1.49	0.63	3.50	408.8	100.0	0	28

YU0008R Zabljak Yugoslavia

June 2000 - August 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	1.01	0.08	14.00	259.3	100.0	0	19
Ca++	1.31	0.17	11.11	334.4	100.0	0	19
Cl-	1.33	0.05	3.60	341.0	92.6	0	18
Mg++	0.191	0.040	0.980	48.9	100.0	0	19
NO3-	0.36	0.08	0.92	92.9	98.7	0	17
pH	6.18	5.70	7.43	169.5	100.0	0	19
K+	0.40	0.08	3.38	101.8	100.0	0	19
Precip	-	0.0	44.3	255.7	100.0	73	92
Na+	0.63	0.23	2.78	162.4	100.0	0	19
SO4-- corr	0.81	0.06	5.09	207.8	100.0	0	19
SO4--	0.88	0.08	5.20	224.3	100.0	0	19

YU0008R Zabljak Yugoslavia

September 2000 - November 2000

Component	W. mean	Min	Max	Dep	% anal	Num bel	Num Samp sampl flag
NH4+	0.24	0.03	1.56	144.2	100.0	0	30
Ca++	0.87	0.26	2.59	511.1	100.0	0	30
Cl-	1.08	0.10	7.00	635.7	100.0	0	30
Mg++	0.143	0.040	0.360	84.3	100.0	0	30
NO3-	0.14	0.06	1.99	81.6	100.0	0	30
pH	5.79	4.33	6.68	965.3	100.0	0	30
K+	0.18	0.09	0.91	103.8	100.0	0	30
Precip	-	0.0	128.4	590.3	100.0	61	91
Na+	0.72	0.08	1.88	426.2	100.0	0	30
SO4-- corr	0.40	-0.08	3.67	236.3	100.0	1	30
SO4--	0.47	0.16	3.73	274.9	100.0	0	30

Annex 6

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Annex 7

EMEP Data Quality Objectives (DQO)

10 % accuracy or better for oxidized sulphur and oxidized nitrogen in single analysis in the laboratory,

15 % accuracy or better for other components in the laboratory,

0.05 units for pH,

15–25 % uncertainty for the combined sampling and chemical analysis (components to be specified later),

90 % data completeness of the daily values.

The targets, with respect to accuracy in the laboratory, for the very lowest concentrations of the main components in precipitation follow the WMO GAW (1992) recommendations for regional stations:

	Accuracy	
SO ₄ ²⁻	0.032 mg S/l	(1 µmol/l)
NO ₃ ⁻	0.014 mg N/l	(1 µmol/l)
NH ₄ ⁺	0.028 mg N/l	(2 µmol/l)
Cl ⁻	0.107 mg Cl/l	(3 µmol/l)
Ca ²⁺	0.012 mg Ca/l	(0.3 µmol/l)
K ⁺	0.012 mg K/l	(0.3 µmol/l)
Mg ²⁺	0.007 mg Mg/l	(0.3 µmol/l)
Na ⁺	0.007 mg Na/l	(0.3 µmol/l)

The targets for the wet analysis of components extracted from air filters are the same as for precipitation. For SO₂ the limit above for sulphate is valid for the medium volume method with impregnated filter. For NO₂ determined as NO₂⁻ in solution the accuracy for the lowest concentrations is 0.01 mg N/l.

The aim for data completeness is valid for the current definition used by the CCC. This definition will, however, be harmonised with the WMO GAW definition and modified.

It is understood that there is a need to investigate additional uncertainty caused by local influence on the measurements at the sites (not representative siting).

It may be necessary to reconsider the DQO for volatile organic components (VOC), persistent organic pollutants (POP), and trace metals (HM).