

**Appendix A: Tables with measurements available at HELCOM
stations for 2007**

Table A.1 Monthly and annual mean concentrations of nitrogen components in air.

	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Year	
DE0009R	nitrogen_dioxide	µg N/m ³	1.42	2.14	2.98	1.40	1.46	1.76	1.07	1.58	1.42	1.54	2.76	3.08	1.85
DK0005R	nitrogen_dioxide	µg N/m ³	1.91	3.34	3.66	3.35	2.66	2.57	1.40	1.97	1.60	2.53	3.15	3.71	2.67
DK0009R	nitrogen_dioxide	µg N/m ³	0.97	0.99	1.43	2.90	2.27	2.08	1.41	1.98	1.73	1.11	0.94	1.46	1.61
DK0041R	nitrogen_dioxide	µg N/m ³	2.53	2.90	2.88	2.59	2.52	2.30	1.62	3.05	2.70	2.69	1.55	3.28	2.56
EE0009R	nitrogen_dioxide	µg N/m ³	2.22	5.60	4.23	3.06	3.24	2.90	2.58	1.93	1.82	2.66	2.96	3.79	3.07
EE0011R	nitrogen_dioxide	µg N/m ³	1.83	3.05	5.01	4.26	3.01	2.47	1.46	1.46	1.83	2.24	2.54	3.76	2.72
FI0009R	nitrogen_dioxide	µg N/m ³	0.83	-	2.91	1.33	2.00	1.48	0.67	1.07	0.91	1.01	0.96	1.55	1.30
FI0017R	nitrogen_dioxide	µg N/m ³	1.48	2.85	2.33	1.34	1.51	0.98	0.83	0.98	0.87	1.20	1.26	1.53	1.42
LT0015R	nitrogen_dioxide	µg N/m ³	1.08	1.22	1.54	1.09	0.96	0.96	0.79	0.89	1.10	1.00	1.32	2.19	1.17
LV0016R	nitrogen_dioxide	µg N/m ³	0.60	0.90	0.60	0.42	0.42	0.40	0.34	0.41	0.41	0.51	1.52	1.69	0.65
PL0004R	nitrogen_dioxide	µg N/m ³	1.43	2.10	2.24	1.53	1.22	1.12	1.18	1.65	1.23	1.34	1.80	2.34	1.60
SE0005R	nitrogen_dioxide	µg N/m ³	0.13	0.26	0.12	0.05	0.06	0.05	0.08	0.08	0.07	0.13	0.11	0.25	0.11
SE0011R	nitrogen_dioxide	µg N/m ³	1.21	1.20	1.51	1.10	1.10	0.89	0.90	0.89	1.24	1.44	1.88	2.04	1.28
SE0014R	nitrogen_dioxide	µg N/m ³	1.13	1.16	1.77	1.67	1.21	1.19	0.87	0.99	1.03	1.70	1.83	2.09	1.39
DE0009R	sum_ammonia_and_ammonium	µg N/m ³	0.80	1.78	2.83	2.53	1.87	1.19	1.49	1.86	1.54	2.10	1.57	1.52	1.76
DK0003R	sum_ammonia_and_ammonium	µg N/m ³	0.91	1.93	2.73	4.61	2.60	2.18	1.61	2.26	1.27	1.79	1.65	1.79	2.10
DK0005R	sum_ammonia_and_ammonium	µg N/m ³	0.83	1.75	2.64	3.35	1.91	1.43	1.27	1.84	1.29	3.96	1.38	1.78	1.92
DK0008R	sum_ammonia_and_ammonium	µg N/m ³	0.35	0.92	1.44	1.71	1.17	0.84	0.65	1.02	0.65	1.15	0.84	1.23	1.00
FI0009R	sum_ammonia_and_ammonium	µg N/m ³	0.09	0.28	0.35	0.15	0.28	0.19	0.21	0.32	0.22	0.22	0.30	0.31	0.24
FI0017R	sum_ammonia_and_ammonium	µg N/m ³	0.16	0.41	0.51	0.25	0.52	0.31	0.44	0.61	0.37	0.52	0.28	0.45	0.40
LT0015R	sum_ammonia_and_ammonium	µg N/m ³	0.77	2.01	2.24	0.95	2.43	1.57	1.19	1.35	1.36	1.65	1.69	2.80	1.66
LV0010R	sum_ammonia_and_ammonium	µg N/m ³	0.66	1.01	1.30	0.78	1.36	0.99	0.75	1.10	0.86	1.06	1.30	1.29	1.04
LV0016R	sum_ammonia_and_ammonium	µg N/m ³	0.46	0.67	1.21	0.82	1.00	1.14	0.77	1.16	1.09	1.35	0.87	0.88	0.95
PL0004R	sum_ammonia_and_ammonium	µg N/m ³	0.57	1.44	2.19	1.30	1.49	1.37	1.02	1.41	1.03	1.34	1.04	1.24	1.29
SE0005R	sum_ammonia_and_ammonium	µg N/m ³	0.04	0.28	0.15	0.09	0.17	0.21	0.33	0.23	0.13	0.15	0.06	0.07	0.16
SE0011R	sum_ammonia_and_ammonium	µg N/m ³	0.40	0.85	1.40	1.84	1.49	1.23	0.64	0.85	0.65	1.06	0.75	0.81	0.98
SE0014R	sum_ammonia_and_ammonium	µg N/m ³	0.20	0.71	0.96	1.17	0.87	0.73	0.46	0.79	0.46	0.81	0.54	0.73	0.70
DE0009R	sum_nitric_acid_and_nitrate	µg N/m ³	0.61	1.17	1.50	1.00	0.91	0.58	0.56	0.55	0.57	0.93	0.88	1.03	0.85
DK0003R	sum_nitric_acid_and_nitrate	µg N/m ³	0.29	0.85	1.17	0.93	0.74	0.47	0.43	0.61	0.38	0.75	0.55	0.86	0.67
DK0005R	sum_nitric_acid_and_nitrate	µg N/m ³	0.51	1.09	1.54	1.62	1.05	0.74	0.66	0.81	0.64	0.98	0.68	0.82	0.91
DK0008R	sum_nitric_acid_and_nitrate	µg N/m ³	0.30	0.55	1.00	1.07	0.76	0.56	0.42	0.57	0.45	0.68	0.56	0.97	0.66
FI0009R	sum_nitric_acid_and_nitrate	µg N/m ³	0.11	0.25	0.27	0.14	0.26	0.15	0.15	0.23	0.18	0.16	0.24	0.35	0.21
FI0017R	sum_nitric_acid_and_nitrate	µg N/m ³	0.15	0.27	0.31	0.18	0.30	0.16	0.19	0.20	0.18	0.17	0.17	0.27	0.22
LT0015R	sum_nitric_acid_and_nitrate	µg N/m ³	0.46	0.68	0.98	0.54	0.56	0.39	0.49	0.41	0.47	0.62	0.50	0.97	0.59
LV0010R	sum_nitric_acid_and_nitrate	µg N/m ³	0.33	0.44	0.68	0.24	0.37	0.27	0.35	0.26	0.27	0.42	0.38	0.58	0.38
LV0016R	sum_nitric_acid_and_nitrate	µg N/m ³	0.22	0.34	0.43	0.25	0.32	0.28	0.15	0.29	0.38	0.42	0.25	0.34	0.30
PL0004R	sum_nitric_acid_and_nitrate	µg N/m ³	0.35	0.74	1.10	0.58	0.52	0.29	0.37	0.37	0.39	0.58	0.53	0.67	0.54
SE0005R	sum_nitric_acid_and_nitrate	µg N/m ³	0.03	0.06	0.06	0.04	0.03	0.03	0.04	0.05	0.04	0.03	0.04	0.05	0.04
SE0011R	sum_nitric_acid_and_nitrate	µg N/m ³	0.38	0.45	0.90	0.74	0.49	0.30	0.30	0.32	0.40	0.53	0.45	0.63	0.49
SE0014R	sum_nitric_acid_and_nitrate	µg N/m ³	0.29	0.31	0.62	0.79	0.66	0.40	0.32	0.40	0.43	0.58	0.44	0.76	0.50

Table A.2 Monthly and annual mean concentrations of heavy metals in air.

	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
DE0009R	cadmium ng Cd/m ³	0.08	0.25	0.24	0.30	0.13	0.14	0.05	0.08	0.06	0.11	0.17	0.14	0.15
EE0009R	cadmium ng Cd/m ³	0.12	0.25	0.49	0.17	0.14	0.16	0.10	0.12	0.14	0.16	0.11	0.13	0.17
FI0017R	cadmium ng Cd/m ³	-	-	0.19	0.06	0.07	0.05	0.05	0.10	0.18	0.24	0.12	0.10	0.11
LV0010R	cadmium ng Cd/m ³	0.07	0.07	0.40	0.19	0.04	0.14	0.12	0.22	0.05	0.03	0.04	0.03	0.12
LV0016R	cadmium ng Cd/m ³	0.05	0.19	0.32	0.08	0.06	0.04	0.04	0.09	0.08	0.14	0.17	0.10	0.11
SE0014R	cadmium ng Cd/m ³	0.03	0.12	0.19	0.10	0.04	0.08	0.03	0.06	0.04	0.07	0.03	0.05	0.07
DE0009R	lead ng Pb/m ³	3.25	9.83	7.53	7.34	3.36	3.45	2.53	3.27	2.16	3.69	5.21	4.31	4.62
DK0003R	lead ng Pb/m ³	0.87	3.86	4.13	2.42	1.21	1.92	1.27	2.78	1.79	4.16	3.56	3.76	2.66
DK0005R	lead ng Pb/m ³	1.23	5.41	4.51	2.97	1.45	2.49	1.23	3.27	2.40	4.06	3.98	4.18	3.08
DK0008R	lead ng Pb/m ³	0.43	3.51	3.60	1.69	1.09	1.64	1.03	2.75	1.47	3.43	2.71	2.66	2.15
EE0009R	lead ng Pb/m ³	2.86	7.64	7.35	3.40	3.22	3.49	3.15	5.20	5.93	13.19	6.80	13.79	6.32
FI0017R	lead ng Pb/m ³	-	-	5.12	2.15	3.08	1.83	1.79	4.35	5.42	7.02	3.72	3.46	3.51
LV0010R	lead ng Pb/m ³	1.60	2.91	8.92	2.57	5.90	10.35	3.31	4.72	1.59	1.47	1.25	1.27	3.85
LV0016R	lead ng Pb/m ³	1.37	5.94	6.52	1.76	2.30	1.54	1.81	2.82	3.47	5.30	7.77	3.23	3.55
SE0014R	lead ng Pb/m ³	1.00	4.02	4.34	2.54	1.54	1.90	0.98	2.37	1.47	2.01	1.03	1.51	2.05
DE0009R	mercury (TGM) ng Hg/m ³	1.86	1.81	1.79	1.68	1.65	1.45	1.50	1.42	1.47	1.74	1.67	1.77	1.65
SE0014R	mercury (TGM) ng Hg/m ³	1.44	1.73	1.59	1.56	1.52	1.49	1.63	1.53	1.59	1.54	1.55	1.42	1.55
SE0014R	mercury (aerosol) ng Hg/m ³	3.28	9.89	10.66	4.81	6.08	5.84	5.83	5.71	4.16	8.09	6.29	5.43	6.36

Table A.3 Monthly and annual mean concentrations of ammonium and nitrate in precipitation.

Site	Comp	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
DE0009R	ammonium	mg N m/L	0.26	0.62	1.01	1.99	0.63	0.29	0.32	0.53	0.41	0.85	0.34	0.16	0.44
DK0005R	ammonium	mg N m/L	0.41	1.01	1.00	1.36	0.86	0.28	0.39	0.82	0.34	0.35	0.48	0.36	0.56
DK0008R	ammonium	mg N m/L	0.14	0.41	0.30	0.51	0.23	0.13	0.10	0.31	0.06	0.28	0.37	0.30	0.19
DK0020R	ammonium	mg N m/L	2.72	0.68	0.95	1.20	1.31	0.31	0.31	0.79	1.31	4.25	0.29	0.20	0.96
EE0009R	ammonium	mg N m/L	0.07	0.08	0.30	0.23	0.21	0.08	0.08	0.29	0.14	0.20	0.15	0.29	0.16
EE0011R	ammonium	mg N m/L	4.83	3.29	0.06	0.39	0.03	0.01	0.01	1.30	1.38	0.44	0.16	0.23	1.08
FI0004R	ammonium	mg N m/L	0.06	0.18	0.19	0.11	0.24	0.11	0.14	0.11	0.12	0.15	0.15	0.17	0.13
FI0009R	ammonium	mg N m/L	0.19	0.20	0.48	0.25	0.69	0.21	0.18	0.26	0.11	0.24	0.30	0.46	0.26
FI0017R	ammonium	mg N m/L	0.16	0.27	0.54	0.32	0.45	0.18	0.15	0.21	0.22	0.32	0.48	0.48	0.29
FI0053R	ammonium	mg N m/L	0.16	0.46	0.23	0.15	0.23	0.05	0.09	0.15	0.20	0.40	0.26	0.22	0.19
LT0015R	ammonium	mg N m/L	0.46	0.37	0.76	0.56	0.50	0.49	0.29	0.44	0.30	0.86	0.14	0.22	0.38
LV0010R	ammonium	mg N m/L	0.22	0.28	1.05	0.31	0.75	0.23	0.16	0.26	0.34	0.28	0.27	0.41	0.32
LV0016R	ammonium	mg N m/L	0.36	0.81	0.55	0.30	0.56	0.26	0.19	0.31	0.20	0.33	0.28	0.43	0.34
PL0004R	ammonium	mg N m/L	0.22	0.49	0.67	0.59	0.72	0.31	0.44	0.38	0.32	0.54	0.24	0.30	0.39
SE0005R	ammonium	mg N m/L	0.02	0.01	0.11	0.04	0.13	0.06	0.17	0.26	0.16	0.13	0.03	0.03	0.11
SE0011R	ammonium	mg N m/L	0.26	0.67	0.56	0.77	0.59	0.30	0.16	0.43	0.41	0.59	0.42	0.37	0.38
SE0014R	ammonium	mg N m/L	0.19	0.66	0.33	0.40	0.60	0.39	0.22	0.53	0.18	0.99	0.44	0.48	0.37
SE0053R	ammonium	mg N m/L	0.08	0.13	0.20	0.16	0.42	0.16	0.06	0.54	0.20	0.38	0.19	0.11	0.22
DE0009R	nitrate	mg N m/L	0.26	0.61	0.73	1.33	0.57	0.30	0.31	0.36	0.31	0.59	0.33	0.26	0.39
DK0005R	nitrate	mg N m/L	0.38	1.11	0.67	1.41	0.80	0.28	0.33	0.48	0.23	0.24	0.48	0.50	0.50
DK0008R	nitrate	mg N m/L	0.25	0.68	0.65	0.57	0.53	0.25	0.19	0.37	0.24	0.58	0.73	0.67	0.36
DK0020R	nitrate	mg N m/L	0.40	0.91	0.78	0.82	0.55	0.33	0.26	0.44	0.47	1.13	0.49	0.38	0.48
EE0009R	nitrate	mg N m/L	0.23	0.41	0.58	0.26	0.23	0.13	0.15	0.18	0.17	0.25	0.33	0.56	0.25
EE0011R	nitrate	mg N m/L	0.33	0.32	0.34	0.50	0.09	0.02	0.01	0.07	0.05	0.20	0.33	0.49	0.19
FI0004R	nitrate	mg N m/L	0.19	0.45	0.39	0.18	0.24	0.14	0.16	0.13	0.15	0.22	0.29	0.37	0.22
FI0009R	nitrate	mg N m/L	0.52	0.76	0.89	0.29	0.70	0.27	0.22	0.25	0.25	0.39	0.59	1.07	0.42
FI0017R	nitrate	mg N m/L	0.36	0.59	0.76	0.31	0.40	0.22	0.17	0.19	0.19	0.44	0.64	0.70	0.35
FI0053R	nitrate	mg N m/L	0.22	0.62	0.28	0.14	0.18	0.10	0.11	0.12	0.14	0.37	0.29	0.34	0.20
LT0015R	nitrate	mg N m/L	0.53	0.47	0.50	0.40	0.31	0.37	0.20	0.39	0.38	1.03	0.34	0.39	0.35
LV0010R	nitrate	mg N m/L	0.38	0.43	0.79	0.27	0.53	0.27	0.12	0.22	0.37	0.39	0.39	0.49	0.34
LV0016R	nitrate	mg N m/L	0.28	0.19	0.35	0.19	0.32	0.18	0.15	0.17	0.19	0.33	0.31	0.34	0.23
PL0004R	nitrate	mg N m/L	0.36	0.79	0.56	0.39	0.52	0.33	0.34	0.30	0.31	0.54	0.30	0.40	0.39
SE0005R	nitrate	mg N m/L	0.07	0.12	0.20	0.06	0.14	0.09	0.08	0.16	0.13	0.16	0.08	0.15	0.11
SE0011R	nitrate	mg N m/L	0.28	0.69	0.52	0.41	0.50	0.20	0.18	0.24	0.37	0.46	0.42	0.52	0.34
SE0014R	nitrate	mg N m/L	0.29	0.82	0.55	0.24	0.43	0.20	0.19	0.33	0.21	0.93	0.73	0.72	0.35
SE0053R	nitrate	mg N m/L	0.22	0.34	0.31	0.34	0.29	0.05	0.12	0.17	0.20	0.35	0.22	0.35	0.24

Table A.4 Monthly and annual mean concentrations of heavy metals in precipitation.

Site	Comp	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
DE0009R	cadmium	µg/L	0.014	0.054	0.086	-	0.040	0.024	0.018	0.035	0.027	0.045	0.028	0.011	0.030
DK0008R	cadmium	µg/L	0.019	0.071	0.024	0.058	0.033	0.018	0.016	0.036	0.014	0.027	0.041	0.011	0.023
DK0020R	cadmium	µg/L	0.023	0.061	0.055	0.055	0.055	0.036	0.034	0.033	0.075	0.287	0.047	0.019	0.051
EE0009R	cadmium	µg/L	0.065	0.076	0.052	0.062	0.030	0.026	0.051	0.010	0.071	0.042	0.135	0.110	0.057
EE0011R	cadmium	µg/L	<DL	<DL	<DL	0.300	<DL	<DL	<DL	<DL	0.100	<DL	0.100	0.100	0.035
FI0017R	cadmium	µg/L	0.030	0.146	0.200	0.045	0.051	0.029	0.037	0.118	0.031	0.090	0.104	0.103	0.062
FI0053R	cadmium	µg/L	0.017	0.154	0.031	0.021	0.020	0.014	0.031	0.040	0.011	0.063	0.029	0.018	0.030
LV0010R	cadmium	µg/L	0.096	0.067	0.096	0.190	0.057	0.034	0.048	0.062	0.048	0.039	0.044	0.040	0.056
LV0016R	cadmium	µg/L	0.077	0.061	0.047	0.015	0.042	0.061	0.048	0.029	0.050	0.034	0.082	0.046	0.051
PL0004R	cadmium	µg/L	0.050	0.041	0.046	0.057	0.049	0.024	0.040	0.034	0.038	0.041	0.022	0.033	0.039
SE0051R	cadmium	µg/L	0.010	-	0.040	0.040	0.050	0.010	0.010	0.040	0.040	0.040	0.070	0.040	0.027
SE0097R	cadmium	µg/L	0.090	0.086	0.039	0.020	0.030	0.027	0.012	0.020	0.020	0.040	0.037	0.020	0.027
DE0009R	lead	µg/L	0.44	1.83	2.39	-	0.94	0.65	0.46	0.92	0.67	1.21	0.75	0.24	0.81
DK0008R	lead	µg/L	0.44	1.60	0.94	1.82	1.20	0.59	0.33	1.03	0.48	0.75	1.30	0.54	0.67
DK0020R	lead	µg/L	0.62	2.03	1.26	2.01	2.01	0.92	0.90	0.87	0.81	1.30	0.64	0.45	0.99
EE0009R	lead	µg/L	0.50	0.50	1.20	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.20	1.50	0.62
EE0011R	lead	µg/L	0.50	0.50	0.50	2.20	1.20	0.50	1.30	0.50	0.50	0.50	0.50	0.50	0.69
FI0017R	lead	µg/L	1.52	4.42	4.28	1.00	1.40	0.64	0.86	2.04	0.93	2.17	3.84	4.09	1.76
FI0053R	lead	µg/L	0.48	3.80	1.35	0.61	0.47	0.31	0.33	0.66	0.24	1.09	1.33	0.81	0.66
LV0010R	lead	µg/L	5.83	6.45	8.76	0.75	1.14	1.72	0.69	1.34	0.54	1.63	2.30	7.06	2.51
LV0016R	lead	µg/L	0.93	1.79	1.90	0.42	1.19	1.18	1.00	0.38	0.73	1.19	2.16	1.80	1.11
PL0004R	lead	µg/L	0.11	1.61	0.85	1.45	1.02	0.55	0.83	0.53	0.61	0.64	0.54	0.63	0.65
SE0051R	lead	µg/L	0.36	-	0.67	0.25	0.77	0.41	0.35	0.73	0.54	0.45	0.82	0.45	0.47
SE0097R	lead	µg/L	1.30	1.27	0.84	0.18	0.71	0.31	0.36	0.44	0.35	0.73	1.04	0.69	0.59
DE0009R	mercury	ng/L	5.4	9.2	9.3	11.8	11.9	7.4	8.1	8.7	7.7	7.6	5.6	4.2	7.9
LV0010R	mercury	ng/L	-	-	24.3	12.2	27.0	30.0	30.0	26.5	30.0	26.5	26.6	10.0	25.8
LV0016R	mercury	ng/L	-	-	-	30.0	25.0	36.5	36.8	27.8	30.0	26.0	22.3	10.0	28.8
SE0014R	mercury	ng/L	8.2	15.3	10.0	9.6	11.1	5.9	21.1	10.5	8.8	13.9	6.9	12.6	11.0
DE0009R	precipitation_amount	mm	86	44	44	3	74	153	132	51	65	34	44	41	771
DE0009R	precipitation_amount (Hg)	mm	90	25	61	20	91	157	124	57	64	34	42	48	814
DK0008R	precipitation_amount	mm	83	28	32	12	38	108	150	47	75	22	12	32	639
DK0020R	precipitation_amount	mm	63	17	40	16	53	56	150	59	38	18	55	50	615
EE0009R	precipitation_amount	mm	67	20	28	25	63	47	47	66	116	74	49	23	624
EE0011R	precipitation_amount	mm	114	19	43	21	15	74	110	79	57	38	76	44	689
FI0017R	precipitation_amount	mm	51	12	17	34	70	47	92	51	121	30	45	44	613
FI0053R	precipitation_amount	mm	29	6	25	20	40	25	87	72	53	35	25	37	452
LV0010R	precipitation_amount	mm	75	43	30	24	69	78	233	51	83	39	142	78	947
LV0016R	precipitation_amount	mm	112	22	29	33	80	75	115	88	61	63	62	35	777
PL0004R	precipitation_amount	mm	131	30	37	29	49	67	104	80	69	42	83	55	775
SE0014R	precipitation_amount	mm	46	15	21	23	79	97	98	63	108	16	47	19	632
SE0051R	precipitation_amount	mm	177	47	43	44	71	130	208	65	94	59	43	69	1049
SE0097R	precipitation_amount	mm	1	43	103	39	80	143	160	83	150	48	93	225	1166

Table A.5 Monthly and annual deposition of ammonium and nitrate in precipitation.

Site	Comp	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Total n
DE0009R	ammonium	mg N/m ²	20	27	44	8	45	45	42	26	26	28	16	7	334	627
DE0009R	nitrate	mg N/m ²	20	26	32	6	41	46	40	18	19	20	15	12	293	
DE0009R	precipitation_amount	mm	77	43	43	4	72	153	130	49	63	33	47	45	758	
DK0005R	ammonium	mg N/m ²	35	62	31	3	50	27	47	45	11	0	8	14	337	639
DK0005R	nitrate	mg N/m ²	32	68	21	3	47	27	40	26	7	0	8	19	303	
DK0005R	precipitation_amount	mm	84	62	31	2	59	98	122	55	32	1	17	38	601	
DK0008R	ammonium	mg N/m ²	8	20	7	5	8	14	14	14	4	5	6	9	115	331
DK0008R	nitrate	mg N/m ²	15	33	16	6	18	27	28	16	15	10	11	21	217	
DK0008R	precipitation_amount	mm	60	49	24	10	35	107	142	44	61	18	15	32	598	
DK0020R	ammonium	mg N/m ²	180	30	35	15	81	22	37	35	62	74	15	9	595	892
DK0020R	nitrate	mg N/m ²	27	41	29	10	34	23	31	19	22	20	25	17	298	
DK0020R	precipitation_amount	mm	66	45	37	12	62	70	120	44	47	18	50	46	618	
EE0009R	ammonium	mg N/m ²	5	2	8	6	13	4	4	19	16	15	7	7	99	256
EE0009R	nitrate	mg N/m ²	15	8	16	7	15	6	7	12	19	19	16	13	157	
EE0009R	precipitation_amount	mm	67	20	28	25	63	47	47	66	116	74	49	23	624	
EE0011R	ammonium	mg N/m ²	500	139	3	3	1	2	1	77	73	28	9	16	883	1038
EE0011R	nitrate	mg N/m ²	34	13	19	4	4	2	1	4	3	13	18	34	155	
EE0011R	precipitation_amount	mm	104	42	56	9	50	137	120	59	53	63	54	69	817	
FI0004R	ammonium	mg N/m ²	4	3	4	2	9	7	10	5	9	7	9	9	81	212
FI0004R	nitrate	mg N/m ²	14	9	9	4	8	9	12	7	12	10	19	20	131	
FI0004R	precipitation_amount	mm	76	19	22	21	35	64	74	50	76	48	63	54	603	
FI0009R	ammonium	mg N/m ²	5	1	5	3	7	9	9	16	4	5	15	11	89	234
FI0009R	nitrate	mg N/m ²	14	2	9	4	7	11	11	14	10	8	29	26	145	
FI0009R	precipitation_amount	mm	27	3	10	12	10	43	51	59	38	20	50	24	346	
FI0017R	ammonium	mg N/m ²	8	3	15	11	26	9	9	19	24	8	25	19	177	391
FI0017R	nitrate	mg N/m ²	19	8	22	10	23	11	10	17	20	11	33	28	215	
FI0017R	precipitation_amount	mm	54	13	29	33	58	51	61	93	107	25	51	40	615	
FI0053R	ammonium	mg N/m ²	5	4	7	3	10	1	8	11	8	12	8	9	85	175
FI0053R	nitrate	mg N/m ²	7	5	9	3	8	3	9	9	6	11	9	14	90	
FI0053R	precipitation_amount	mm	30	8	32	19	42	25	88	71	41	30	30	41	456	
LT0015R	ammonium	mg N/m ²	26	4	14	6	42	65	55	31	27	14	14	8	306	592
LT0015R	nitrate	mg N/m ²	29	5	9	4	26	49	38	27	34	17	34	14	286	
LT0015R	precipitation_amount	mm	56	11	19	11	85	131	193	70	89	17	100	35	815	
LV0010R	ammonium	mg N/m ²	25	11	29	8	57	19	36	14	27	10	36	37	314	645
LV0010R	nitrate	mg N/m ²	44	16	22	6	40	22	28	12	29	14	53	44	331	
LV0010R	precipitation_amount	mm	118	38	28	24	76	83	222	56	79	36	137	91	986	
LV0016R	ammonium	mg N/m ²	43	19	15	10	46	20	21	31	9	21	17	16	267	449
LV0016R	nitrate	mg N/m ²	33	4	10	6	27	14	16	17	9	21	19	12	182	
LV0016R	precipitation_amount	mm	119	23	28	34	82	78	109	101	47	65	62	36	783	
PL0004R	ammonium	mg N/m ²	28	15	24	17	35	21	46	30	22	23	20	17	298	600
PL0004R	nitrate	mg N/m ²	47	24	20	11	25	22	36	24	21	23	25	22	301	
PL0004R	precipitation_amount	mm	131	30	37	29	49	67	104	80	69	42	83	55	775	
SE0005R	ammonium	mg N/m ²	0	0	0	0	2	1	5	4	2	1	0	0	16	32
SE0005R	nitrate	mg N/m ²	1	0	1	1	2	1	2	3	1	1	1	2	16	
SE0005R	precipitation_amount	mm	10	2	3	9	15	10	27	16	11	9	18	15	144	
SE0011R	ammonium	mg N/m ²	33	21	35	19	31	35	22	42	40	17	25	21	339	639
SE0011R	nitrate	mg N/m ²	35	21	32	10	26	23	24	24	36	13	25	29	299	
SE0011R	precipitation_amount	mm	126	31	62	25	52	116	138	99	99	29	59	56	890	
SE0014R	ammonium	mg N/m ²	14	8	14	14	44	50	37	44	21	24	16	31	320	625
SE0014R	nitrate	mg N/m ²	21	10	23	8	32	26	32	27	25	22	26	47	305	
SE0014R	precipitation_amount	mm	74	13	43	34	74	126	170	83	119	24	36	65	860	
SE0053R	ammonium	mg N/m ²	5	3	7	1	18	4	4	39	11	14	12	11	129	270
SE0053R	nitrate	mg N/m ²	14	8	11	3	12	1	8	12	11	13	14	36	141	
SE0053R	precipitation_amount	mm	62	22	35	7	42	27	69	73	53	36	63	102	591	

Table A.6 Monthly and annual deposition of heavy metals in precipitation.

Site	Comp	Unit	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
DE0009R	cadmium	µg Cd/m ²	1.2	2.4	3.7	-	2.9	3.7	2.4	1.8	1.8	1.5	1.2	0.5	23.2
DK0008R	cadmium	µg Cd/m ²	1.6	2.0	0.8	0.7	1.2	1.9	2.4	1.7	1.1	0.6	0.5	0.3	14.8
DK0020R	cadmium	µg Cd/m ²	1.5	1.1	2.2	0.9	2.9	2.0	5.1	2.0	2.8	5.2	2.6	1.0	31.5
EE0009R	cadmium	µg Cd/m ²	4.3	1.5	1.4	1.5	1.9	1.2	2.4	0.7	8.3	3.1	6.6	2.5	35.4
EE0011R	cadmium	µg Cd/m ²	<DL	<DL	<DL	6.2	<DL	<DL	<DL	<DL	5.7	<DL	7.6	4.4	23.8
FI0017R	cadmium	µg Cd/m ²	1.5	1.8	3.4	1.5	3.5	1.4	3.4	6.1	3.7	2.7	4.7	4.5	38.2
FI0053R	cadmium	µg Cd/m ²	0.5	0.9	0.8	0.4	0.8	0.4	2.7	2.9	0.6	2.2	0.7	0.7	13.4
LV0010R	cadmium	µg Cd/m ²	7.2	2.9	2.9	4.6	3.9	2.6	11.1	3.1	4.0	1.5	6.2	3.2	53.4
LV0016R	cadmium	µg Cd/m ²	8.6	1.4	1.4	0.5	3.4	4.6	5.6	2.6	3.1	2.1	5.1	1.6	39.9
PL0004R	cadmium	µg Cd/m ²	6.5	1.2	1.7	1.7	2.4	1.6	4.2	2.7	2.6	1.7	1.8	1.8	30.0
SE0051R	cadmium	µg Cd/m ²	1.8	-	1.7	1.8	3.6	1.3	2.1	2.6	3.8	2.4	3.0	2.8	27.9
SE0097R	cadmium	µg Cd/m ²	0.1	3.7	4.1	0.8	2.4	3.9	1.9	1.7	3.0	1.9	3.4	4.5	31.3
DE0009R	lead	µg Pb/m ²	38	81	104	-	69	99	60	47	44	41	33	10	627
DK0008R	lead	µg Pb/m ²	37	45	30	23	46	63	50	49	36	17	15	17	426
DK0020R	lead	µg Pb/m ²	39	35	50	32	106	51	134	51	30	23	35	22	611
EE0009R	lead	µg Pb/m ²	33	10	33	12	32	24	23	33	58	37	58	35	388
EE0011R	lead	µg Pb/m ²	57	9	22	45	18	37	143	40	28	19	38	22	478
FI0017R	lead	µg Pb/m ²	78	54	72	34	97	30	79	105	112	65	174	180	1078
FI0053R	lead	µg Pb/m ²	14	22	33	12	19	8	29	48	13	38	33	30	297
LV0010R	lead	µg Pb/m ²	436	279	266	18	79	133	160	68	44	64	327	554	2374
LV0016R	lead	µg Pb/m ²	103	40	54	14	96	88	115	33	45	75	135	63	862
PL0004R	lead	µg Pb/m ²	14	49	31	42	50	37	86	42	42	27	45	35	500
SE0051R	lead	µg Pb/m ²	64	-	29	11	55	53	73	47	51	27	35	31	497
SE0097R	lead	µg Pb/m ²	2	54	87	7	56	45	57	36	53	35	96	155	682
DE0009R	mercury	ng Hg/m ²	486	229	566	232	1084	1165	1001	498	491	258	236	202	6446
LV0010R	mercury	ng Hg/m ²	-	-	737	293	1858	2332	7004	1351	2496	1045	3784	785	24402
LV0016R	mercury	ng Hg/m ²	-	-	-	999	2002	2742	4237	2457	1843	1640	1387	350	22393
SE0014R	mercury	ng Hg/m ²	377	230	210	221	877	572	2068	662	950	222	324	239	6953