

RESULTS: Run Base_rv4_2564_day.nc Year 2010

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SO2_in_Air ugS/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	44	44	(64%)	(70%)	0.54	0.67	25%	0.70	0.34	0.55
YEARDAY	-	44	14729	(38%)	(58%)	0.55	0.69	27%	1.16	0.43	0.63
JANFEB	-	43	43	(51%)	(65%)	1.11	1.17	5%	0.86	0.61	0.79
SPRING	-	42	42	(60%)	(74%)	0.42	0.54	29%	0.54	0.37	0.59
SUMMER	-	42	42	(52%)	(69%)	0.33	0.45	35%	0.73	0.14	0.27
AUTUMN	-	42	42	(55%)	(79%)	0.39	0.66	72%	0.84	0.31	0.39

Sulfate_in_Air ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	43	43	(72%)	(95%)	1.74	1.28	-26%	0.76	0.78	0.81
YEARDAY	-	43	14364	(44%)	(68%)	1.75	1.31	-26%	1.54	0.59	0.74
JANFEB	-	42	42	(69%)	(90%)	2.55	1.94	-24%	1.26	0.74	0.80
SPRING	-	41	41	(59%)	(90%)	1.67	1.02	-39%	0.90	0.69	0.66
SUMMER	-	41	41	(54%)	(90%)	1.63	1.05	-35%	0.80	0.74	0.74
AUTUMN	-	41	41	(71%)	(93%)	1.40	1.20	-14%	0.59	0.79	0.87

Sulfate_in_Air,_sea_salt_corr. ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	27	27	(74%)	(96%)	1.44	1.10	-24%	0.43	0.94	0.92
YEARDAY	-	27	8522	(49%)	(74%)	1.42	1.10	-23%	1.29	0.67	0.80
JANFEB	-	26	26	(69%)	(100%)	2.20	1.60	-27%	0.75	0.96	0.91
SPRING	-	25	25	(72%)	(88%)	1.36	0.89	-35%	0.59	0.82	0.76
SUMMER	-	25	25	(60%)	(88%)	1.37	0.91	-33%	0.62	0.82	0.82
AUTUMN	-	25	25	(84%)	(96%)	1.06	1.04	-2%	0.27	0.95	0.96

Sulfate_in_Air,_sea_salt_incl. ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	43	43	(77%)	(98%)	1.74	1.42	-18%	0.67	0.80	0.84
YEARDAY	-	43	14364	(55%)	(77%)	1.75	1.44	-18%	1.50	0.60	0.75
JANFEB	-	42	42	(81%)	(93%)	2.55	2.03	-20%	1.22	0.75	0.81
SPRING	-	41	41	(76%)	(93%)	1.67	1.19	-29%	0.79	0.71	0.71
SUMMER	-	41	41	(71%)	(95%)	1.63	1.19	-27%	0.69	0.76	0.78
AUTUMN	-	41	41	(85%)	(93%)	1.40	1.34	-4%	0.52	0.81	0.90

NO_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	35	35	(54%)	(86%)	0.67	0.35	-47%	0.54	0.84	0.77
YEARDAY	-	35	11827	(39%)	(63%)	0.66	0.36	-46%	1.46	0.65	0.69
JANFEB	-	34	34	(41%)	(85%)	0.89	0.47	-47%	0.75	0.94	0.85
SPRING	-	34	34	(68%)	(82%)	0.43	0.29	-33%	0.33	0.63	0.74
SUMMER	-	35	35	(54%)	(80%)	0.42	0.26	-39%	0.44	0.42	0.60
AUTUMN	-	35	35	(43%)	(74%)	0.71	0.31	-56%	0.76	0.73	0.62

NO2_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	42	42	(31%)	(64%)	1.98	4.27	116%	2.90	0.79	0.64
YEARDAY	-	42	14378	(34%)	(59%)	2.01	4.35	117%	4.11	0.66	0.63
JANFEB	-	41	41	(27%)	(66%)	2.84	5.88	107%	3.88	0.77	0.67
SPRING	-	41	41	(39%)	(71%)	1.79	3.51	96%	2.39	0.73	0.65
SUMMER	-	41	41	(51%)	(73%)	1.35	2.40	78%	1.72	0.68	0.69

AUTUMN	-	41	41	(22%)	(49%)	1.95	4.93	153%	3.61	0.79	0.58
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NO3-_in_Air ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	20	20	(75%)	(80%)	1.76	1.66	-5%	0.93	0.87	0.89
YEARDAY	-	20	6704	(38%)	(61%)	1.86	1.74	-6%	2.15	0.67	0.80
JANFEB	-	20	20	(50%)	(80%)	2.80	2.17	-23%	1.93	0.87	0.83
SPRING	-	19	19	(74%)	(95%)	1.92	1.73	-10%	1.08	0.82	0.83
SUMMER	-	18	18	(78%)	(89%)	1.16	1.08	-7%	0.58	0.83	0.90
AUTUMN	-	19	19	(63%)	(89%)	1.53	1.92	25%	0.95	0.79	0.87

HNO3_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	12	12	(33%)	(58%)	0.10	0.08	-18%	0.12	0.47	0.58
YEARDAY	-	12	3627	(28%)	(45%)	0.11	0.09	-20%	0.22	0.26	0.45
JANFEB	-	12	12	(17%)	(50%)	0.13	0.06	-59%	0.22	0.30	0.33
SPRING	-	10	10	(50%)	(60%)	0.10	0.09	-16%	0.14	0.50	0.57
SUMMER	-	9	9	(44%)	(67%)	0.13	0.13	-3%	0.16	0.68	0.70
AUTUMN	-	11	11	(36%)	(64%)	0.07	0.09	22%	0.11	0.25	0.48

NO3-_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	20	20	(75%)	(80%)	0.40	0.37	-5%	0.21	0.87	0.89
YEARDAY	-	20	6704	(38%)	(61%)	0.42	0.39	-6%	0.49	0.67	0.80
JANFEB	-	20	20	(50%)	(80%)	0.63	0.49	-23%	0.44	0.87	0.83
SPRING	-	19	19	(74%)	(95%)	0.43	0.39	-10%	0.24	0.82	0.83
SUMMER	-	18	18	(78%)	(89%)	0.26	0.24	-8%	0.13	0.83	0.90
AUTUMN	-	19	19	(63%)	(89%)	0.35	0.43	25%	0.22	0.79	0.87

Sum_of_HNO3,_NO3-_in_air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	42	42	(2%)	(29%)	0.46	1.70	269%	1.44	0.86	0.36
YEARDAY	-	42	13970	(25%)	(47%)	0.47	1.71	266%	2.24	0.65	0.39
JANFEB	-	41	41	(20%)	(54%)	0.62	1.91	209%	1.68	0.80	0.47
SPRING	-	40	40	(8%)	(33%)	0.52	1.84	253%	1.52	0.83	0.36
SUMMER	-	40	40	(8%)	(38%)	0.36	1.35	273%	1.16	0.70	0.27
AUTUMN	-	40	40	(3%)	(15%)	0.40	1.77	347%	1.66	0.82	0.30

NH4+_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	22	22	(82%)	(95%)	1.09	0.94	-14%	0.45	0.72	0.80
YEARDAY	-	22	7067	(49%)	(74%)	1.06	0.94	-12%	1.00	0.66	0.79
JANFEB	-	21	21	(71%)	(100%)	1.73	1.27	-26%	0.92	0.82	0.79
SPRING	-	21	21	(76%)	(100%)	1.04	0.86	-17%	0.44	0.67	0.73
SUMMER	-	22	22	(68%)	(86%)	0.74	0.61	-19%	0.43	0.39	0.63
AUTUMN	-	21	21	(76%)	(95%)	0.87	0.95	9%	0.43	0.65	0.80

NH3+NH4+_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	35	35	(71%)	(97%)	1.45	1.09	-25%	0.64	0.81	0.81
YEARDAY	-	35	11633	(54%)	(79%)	1.43	1.07	-26%	1.24	0.57	0.70
JANFEB	-	35	35	(83%)	(94%)	1.28	1.09	-15%	0.52	0.83	0.89
SPRING	-	35	35	(83%)	(97%)	1.64	1.21	-26%	0.69	0.83	0.81
SUMMER	-	35	35	(54%)	(89%)	1.53	0.88	-42%	0.90	0.80	0.67

AUTUMN	-	34	34	(79%)	(97%)	1.33	1.08	-19%	0.81	0.67	0.74
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Ammonia_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	11	11	(64%)	(100%)	0.72	0.81	13%	0.42	0.52	0.71
YEARDAY	-	11	2994	(37%)	(60%)	0.78	0.78	1%	0.97	0.38	0.61
JANFEB	-	10	10	(40%)	(50%)	0.42	0.45	6%	0.51	0.22	0.52
SPRING	-	9	9	(89%)	(100%)	1.14	1.03	-10%	0.47	0.67	0.81
SUMMER	-	10	10	(40%)	(90%)	0.92	0.89	-3%	0.66	0.03	0.44
AUTUMN	-	10	10	(40%)	(90%)	0.56	0.79	43%	0.47	0.42	0.53

SO4_in_PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	13	13	(100%)	(100%)	1.73	1.36	-21%	0.60	0.68	0.75
YEARDAY	-	13	4001	(60%)	(83%)	1.73	1.28	-26%	1.24	0.65	0.78
JANFEB	-	13	13	(46%)	(92%)	1.66	1.05	-37%	0.99	0.86	0.84
SPRING	-	13	13	(85%)	(100%)	1.87	1.28	-31%	0.74	0.71	0.70
SUMMER	-	13	13	(100%)	(100%)	2.09	1.86	-11%	0.55	0.76	0.83
AUTUMN	-	13	13	(100%)	(100%)	1.41	1.23	-13%	0.42	0.62	0.73

SO4_in_PM2.5 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	5	5	(80%)	(100%)	2.50	2.63	5%	1.04	0.61	0.71
YEARDAY	-	5	1082	(57%)	(82%)	2.55	2.22	-13%	2.31	0.54	0.72
JANFEB	-	5	5	(40%)	(100%)	3.05	2.22	-27%	1.60	0.70	0.71
SPRING	-	5	5	(80%)	(100%)	2.08	2.21	6%	1.29	-0.25	0.05
SUMMER	-	5	5	(60%)	(100%)	2.98	3.21	8%	1.30	0.82	0.85
AUTUMN	-	5	5	(100%)	(100%)	1.90	2.32	23%	0.60	0.92	0.88

NO3_in_PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	13	13	(92%)	(100%)	1.57	1.52	-3%	0.71	0.67	0.82
YEARDAY	-	13	4001	(47%)	(71%)	1.61	1.43	-11%	1.54	0.60	0.77
JANFEB	-	13	13	(77%)	(92%)	1.74	1.26	-28%	0.84	0.94	0.93
SPRING	-	13	13	(77%)	(100%)	1.79	1.71	-4%	0.96	0.59	0.75
SUMMER	-	13	13	(92%)	(92%)	1.19	1.49	25%	0.84	0.17	0.47
AUTUMN	-	13	13	(92%)	(92%)	1.51	1.58	4%	0.71	0.59	0.78

NO3_in_PM25 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	6	6	(33%)	(33%)	1.32	2.00	51%	1.07	0.83	0.83
YEARDAY	-	6	1130	(28%)	(45%)	2.20	2.50	14%	3.67	0.49	0.68
JANFEB	-	6	6	(50%)	(67%)	3.04	2.12	-30%	2.73	0.87	0.73
SPRING	-	6	6	(33%)	(50%)	1.40	2.34	67%	1.55	0.59	0.69
SUMMER	-	6	6	(0%)	(17%)	0.19	1.28	567%	1.23	0.55	0.17
AUTUMN	-	6	6	(17%)	(33%)	0.95	2.36	148%	1.76	0.75	0.65

NO3_coarse ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	3	3	(67%)	(100%)	0.70	0.48	-32%	0.35	-0.92	0.21
YEARDAY	-	3	454	(28%)	(50%)	0.69	0.53	-24%	0.91	0.13	0.43
JANFEB	-	3	3	(33%)	(67%)	0.70	0.49	-30%	0.39	0.51	0.58
SPRING	-	3	3	(33%)	(67%)	0.94	0.35	-63%	0.66	-0.77	0.35
SUMMER	-	3	3	(67%)	(67%)	0.49	0.73	51%	0.59	-0.92	0.00

AUTUMN	-	3	3	(67%)	(100%)	0.71	0.46	-35%	0.31	-0.86	0.31
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NH4_in_PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	3	3	(33%)	(67%)	1.64	1.14	-31%	1.53	0.46	0.45
YEARDAY	-	3	485	(25%)	(44%)	3.07	1.38	-55%	3.06	0.10	0.47
JANFEB	-	3	3	(33%)	(100%)	0.95	1.41	48%	0.50	0.98	0.92
SPRING	-	3	3	(33%)	(67%)	1.72	1.15	-34%	1.78	0.22	0.42
SUMMER	-	3	3	(0%)	(33%)	1.79	0.89	-50%	1.92	-0.61	0.24
AUTUMN	-	3	3	(33%)	(67%)	1.49	1.14	-24%	1.62	0.60	0.43

NH4_in_PM2.5 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	5	5	(80%)	(100%)	1.16	1.14	-2%	0.54	0.51	0.70
YEARDAY	-	5	1002	(52%)	(74%)	1.56	1.27	-18%	1.49	0.55	0.71
JANFEB	-	5	5	(40%)	(100%)	2.00	1.31	-35%	1.34	0.78	0.71
SPRING	-	5	5	(80%)	(100%)	1.18	1.21	2%	0.64	0.35	0.61
SUMMER	-	5	5	(60%)	(100%)	0.97	0.90	-8%	0.63	-0.87	0.03
AUTUMN	-	5	5	(60%)	(80%)	0.76	1.23	62%	0.58	0.72	0.70

EC_in_PM10 ugC/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	4	4	(50%)	(75%)	0.56	0.35	-37%	0.60	0.38	0.47
YEARDAY	-	4	575	(39%)	(69%)	1.07	0.42	-61%	2.08	0.59	0.32
JANFEB	-	4	4	(50%)	(50%)	1.13	0.47	-58%	1.47	0.66	0.48
SPRING	-	4	4	(50%)	(100%)	0.36	0.31	-12%	0.33	0.21	0.46
SUMMER	-	4	4	(50%)	(75%)	0.38	0.26	-30%	0.38	0.23	0.48
AUTUMN	-	4	4	(25%)	(100%)	0.47	0.35	-25%	0.39	0.44	0.57

EC_in_PM2.5 ugC/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	8	8	(75%)	(75%)	0.52	0.43	-18%	0.44	0.41	0.56
YEARDAY	-	8	1107	(52%)	(74%)	0.95	0.52	-45%	1.44	0.39	0.36
JANFEB	-	6	6	(50%)	(67%)	1.20	0.63	-47%	1.17	0.39	0.50
SPRING	-	6	6	(50%)	(83%)	0.45	0.40	-10%	0.30	0.27	0.60
SUMMER	-	8	8	(75%)	(75%)	0.29	0.30	2%	0.23	0.34	0.62
AUTUMN	-	8	8	(63%)	(88%)	0.50	0.46	-7%	0.38	0.57	0.69

SIA ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	3	3	(67%)	(100%)	5.71	5.53	-3%	3.33	0.50	0.67
YEARDAY	-	3	467	(52%)	(79%)	9.02	6.56	-27%	5.87	0.64	0.75
JANFEB	-	3	3	(100%)	(100%)	7.18	6.64	-7%	2.79	0.95	0.93
SPRING	-	3	3	(33%)	(100%)	6.29	5.43	-14%	4.15	0.18	0.46
SUMMER	-	3	3	(67%)	(100%)	4.58	4.88	6%	3.34	-0.41	0.17
AUTUMN	-	3	3	(67%)	(100%)	4.64	5.41	17%	2.72	0.58	0.73

PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	48	48	(88%)	(98%)	15.23	11.53	-24%	5.72	0.72	0.74
YEARDAY	-	48	15451	(64%)	(88%)	15.21	11.49	-24%	11.44	0.56	0.70
JANFEB	-	47	47	(83%)	(96%)	18.41	12.40	-33%	9.61	0.81	0.70
SPRING	-	47	47	(85%)	(98%)	15.36	11.18	-27%	5.49	0.77	0.73
SUMMER	-	48	48	(83%)	(98%)	14.95	11.11	-26%	5.65	0.73	0.77

AUTUMN	-	48	48	(92%)	(98%)	13.17	11.33	-14%	5.14	0.62	0.74
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PM25 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	32	32	(100%)	(100%)	10.70	8.84	-17%	3.51	0.78	0.80
YEARDAY	-	32	9052	(71%)	(92%)	10.69	8.67	-19%	8.61	0.61	0.73
JANFEB	-	30	30	(87%)	(100%)	14.97	9.50	-37%	9.09	0.91	0.72
SPRING	-	30	30	(97%)	(100%)	10.54	8.22	-22%	3.24	0.79	0.79
SUMMER	-	32	32	(100%)	(100%)	9.17	8.50	-7%	2.62	0.79	0.88
AUTUMN	-	32	32	(97%)	(100%)	8.59	8.64	1%	2.56	0.76	0.86

PM10_anthrop. ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	48	48	(88%)	(98%)	15.23	11.53	-24%	5.72	0.72	0.74
YEARDAY	-	48	15451	(64%)	(88%)	15.21	11.49	-24%	11.44	0.56	0.70
JANFEB	-	47	47	(83%)	(96%)	18.41	12.40	-33%	9.61	0.81	0.70
SPRING	-	47	47	(85%)	(98%)	15.36	11.18	-27%	5.49	0.77	0.73
SUMMER	-	48	48	(83%)	(98%)	14.95	11.11	-26%	5.65	0.73	0.77
AUTUMN	-	48	48	(92%)	(98%)	13.17	11.33	-14%	5.14	0.62	0.74

PM25_anthrop. ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	32	32	(100%)	(100%)	10.70	8.63	-19%	3.63	0.78	0.79
YEARDAY	-	32	9052	(71%)	(92%)	10.69	8.47	-21%	8.65	0.61	0.72
JANFEB	-	30	30	(83%)	(100%)	14.97	9.27	-38%	9.31	0.91	0.71
SPRING	-	30	30	(93%)	(100%)	10.54	8.07	-23%	3.34	0.79	0.78
SUMMER	-	32	32	(100%)	(100%)	9.17	8.25	-10%	2.64	0.79	0.87
AUTUMN	-	32	32	(97%)	(100%)	8.59	8.44	-2%	2.57	0.76	0.86

Na+_in_air ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	25	25	(88%)	(96%)	0.62	0.66	7%	0.40	0.85	0.91
YEARDAY	-	25	7569	(43%)	(63%)	0.62	0.69	12%	0.86	0.73	0.85
JANFEB	-	23	23	(74%)	(96%)	0.56	0.53	-6%	0.47	0.79	0.87
SPRING	-	22	22	(91%)	(95%)	0.67	0.80	19%	0.40	0.89	0.93
SUMMER	-	23	23	(87%)	(91%)	0.60	0.66	9%	0.39	0.85	0.91
AUTUMN	-	23	23	(83%)	(91%)	0.69	0.73	6%	0.51	0.84	0.91

Na_in_PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	3	3	(100%)	(100%)	0.32	0.31	-4%	0.04	0.96	0.80
YEARDAY	-	3	745	(36%)	(55%)	0.32	0.31	-3%	0.39	0.29	0.56
JANFEB	-	3	3	(100%)	(100%)	0.28	0.21	-23%	0.07	0.99	0.85
SPRING	-	3	3	(100%)	(100%)	0.37	0.34	-7%	0.05	0.93	0.80
SUMMER	-	3	3	(100%)	(100%)	0.31	0.39	26%	0.09	0.91	0.76
AUTUMN	-	3	3	(100%)	(100%)	0.32	0.28	-10%	0.07	0.88	0.75

Na_in_PM2.5 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	5	5	(40%)	(80%)	0.14	0.07	-49%	0.09	0.84	0.74
YEARDAY	-	5	773	(33%)	(51%)	0.11	0.06	-45%	0.14	0.45	0.58
JANFEB	-	5	5	(20%)	(60%)	0.14	0.06	-58%	0.09	0.95	0.68
SPRING	-	5	5	(80%)	(100%)	0.11	0.07	-36%	0.05	0.91	0.80
SUMMER	-	5	5	(80%)	(100%)	0.12	0.09	-20%	0.04	0.97	0.96

AUTUMN	-	5	5	(40%)	(80%)	0.19	0.06	-70%	0.22	0.51	0.51
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Cl+_{in}_air ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	22	22	(45%)	(77%)	0.76	1.16	52%	0.69	0.83	0.83
YEARDAY	-	22	6440	(30%)	(47%)	0.75	1.17	56%	1.34	0.71	0.79
JANFEB	-	21	21	(43%)	(71%)	0.66	0.80	22%	0.67	0.71	0.81
SPRING	-	19	19	(42%)	(79%)	0.93	1.51	62%	0.91	0.83	0.83
SUMMER	-	19	19	(42%)	(53%)	0.66	1.31	97%	0.90	0.80	0.70
AUTUMN	-	20	20	(50%)	(75%)	0.78	1.17	49%	0.75	0.81	0.82

Cl_{in}_PM2.5 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	5	5	(40%)	(100%)	0.12	0.13	8%	0.10	0.25	0.47
YEARDAY	-	5	774	(25%)	(44%)	0.11	0.11	-5%	0.20	0.10	0.37
JANFEB	-	5	5	(0%)	(80%)	0.17	0.11	-39%	0.13	0.39	0.53
SPRING	-	5	5	(20%)	(80%)	0.09	0.12	34%	0.09	0.22	0.44
SUMMER	-	5	5	(20%)	(60%)	0.06	0.17	164%	0.14	0.91	0.55
AUTUMN	-	5	5	(60%)	(60%)	0.15	0.10	-33%	0.17	-0.01	0.37

Ozone_{daily_max} ppb

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	131	131	(100%)	(100%)	41.09	41.08	0%	4.24	0.73	0.84
YEARDAY	-	131	44009	(97%)	(100%)	41.10	41.33	1%	8.94	0.74	0.85
JANFEB	-	128	128	(99%)	(100%)	35.59	33.81	-5%	5.20	0.61	0.73
SPRING	-	126	126	(99%)	(100%)	46.90	49.16	5%	5.54	0.62	0.75
SUMMER	-	126	126	(100%)	(100%)	47.96	47.11	-2%	5.65	0.82	0.88
AUTUMN	-	127	127	(100%)	(100%)	35.83	37.64	5%	4.76	0.75	0.81

Ozone_{daily_mean} ppb

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	131	131	(99%)	(100%)	32.09	33.81	5%	5.47	0.69	0.77
YEARDAY	-	131	44009	(93%)	(99%)	32.08	33.97	6%	9.06	0.69	0.82
JANFEB	-	128	128	(98%)	(99%)	28.67	27.82	-3%	5.65	0.65	0.76
SPRING	-	126	126	(98%)	(100%)	37.71	41.14	9%	6.76	0.62	0.70
SUMMER	-	126	126	(100%)	(100%)	36.34	38.69	6%	6.68	0.75	0.80
AUTUMN	-	127	127	(99%)	(100%)	27.24	30.57	12%	6.25	0.73	0.74

SO4_{wet_dep.} mgS/m2

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	57	57	(82%)	(91%)	12677.30	11254.03	-11%	156.82	0.65	0.76
YEARDAY	-	57	13418	(31%)	(41%)	12677.30	11254.03	-11%	2.47	0.36	0.52
JANFEB	-	56	56	(61%)	(79%)	1477.26	2011.08	36%	29.46	0.50	0.68
SPRING	-	56	56	(66%)	(89%)	3607.28	2764.79	-23%	40.50	0.74	0.79
SUMMER	-	56	56	(64%)	(84%)	3998.27	2635.53	-34%	65.79	0.59	0.61
AUTUMN	-	56	56	(73%)	(89%)	2912.92	2726.38	-6%	44.29	0.60	0.72

Nitrate_{wet_dep.} mgN/m

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	57	57	(81%)	(88%)	12231.80	10515.43	-14%	117.77	0.75	0.84
YEARDAY	-	57	13435	(32%)	(43%)	12231.80	10515.43	-14%	2.20	0.41	0.54
JANFEB	-	56	56	(63%)	(80%)	1546.56	1136.56	-27%	17.37	0.57	0.71
SPRING	-	56	56	(70%)	(89%)	3320.16	3079.72	-7%	34.04	0.79	0.87
SUMMER	-	56	56	(61%)	(82%)	3556.66	3383.38	-5%	52.76	0.59	0.74

AUTUMN	-	56	56	(75%)	(88%)	2980.07	2324.28	-22%	33.94	0.71	0.80
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Ammonium_wet_dep. mgN/m2

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	56	56	(71%)	(84%)	14966.02	12872.52	-14%	153.66	0.68	0.81
YEARDAY	-	56	13165	(30%)	(40%)	14966.02	12872.52	-14%	2.89	0.39	0.52
JANFEB	-	55	55	(60%)	(80%)	1492.41	1258.88	-16%	22.72	0.29	0.51
SPRING	-	55	55	(51%)	(78%)	4631.75	4248.53	-8%	61.95	0.66	0.78
SUMMER	-	55	55	(51%)	(67%)	4884.75	3631.31	-26%	60.05	0.68	0.78
AUTUMN	-	55	55	(64%)	(80%)	3346.04	2958.12	-12%	40.94	0.59	0.75

Precipitation mm

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	57	57	(88%)	(93%)	49067.47	48668.44	-1%	305.28	0.64	0.80
YEARDAY	-	57	15568	(33%)	(44%)	49067.47	48668.44	-1%	6.00	0.57	0.72
JANFEB	-	56	56	(80%)	(95%)	7476.32	7123.94	-5%	69.81	0.79	0.84
SPRING	-	56	56	(84%)	(91%)	10604.17	11339.51	7%	93.35	0.56	0.75
SUMMER	-	56	56	(84%)	(91%)	13414.19	12857.32	-4%	113.21	0.71	0.85
AUTUMN	-	56	56	(89%)	(93%)	13472.07	13063.75	-3%	79.87	0.68	0.82

Nitric_acid_wet_dep. mgN/m2

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	57	57	(33%)	(70%)	12231.80	5116.43	-58%	181.78	0.74	0.58
YEARDAY	-	57	13435	(25%)	(34%)	12231.80	5116.43	-58%	2.28	0.37	0.36
JANFEB	-	56	56	(11%)	(50%)	1546.56	472.12	-69%	25.13	0.57	0.52
SPRING	-	56	56	(39%)	(63%)	3320.16	1432.88	-57%	54.93	0.73	0.58
SUMMER	-	56	56	(52%)	(75%)	3556.66	1961.33	-45%	58.98	0.60	0.61
AUTUMN	-	56	56	(23%)	(55%)	2980.07	1002.24	-66%	51.95	0.69	0.51

SO4_conc._in_precip. mgS/l

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	57	57	(82%)	(98%)	0.28	0.26	-6%	0.12	0.77	0.87
YEARDAY	-	57	6164	(46%)	(70%)	0.42	0.45	7%	1.15	0.20	0.31
JANFEB	-	56	56	(70%)	(93%)	0.29	0.39	32%	0.27	0.68	0.80
SPRING	-	56	56	(79%)	(96%)	0.35	0.27	-22%	0.15	0.71	0.80
SUMMER	-	56	56	(80%)	(91%)	0.34	0.26	-23%	0.17	0.76	0.83
AUTUMN	-	56	56	(86%)	(89%)	0.24	0.25	4%	0.15	0.68	0.81

Nitrate_conc._in_precip. mgN/l

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	57	57	(89%)	(96%)	0.27	0.24	-12%	0.10	0.75	0.84
YEARDAY	-	57	6181	(44%)	(69%)	0.43	0.48	12%	2.10	0.16	0.16
JANFEB	-	56	56	(70%)	(89%)	0.34	0.22	-36%	0.30	0.69	0.63
SPRING	-	56	56	(84%)	(95%)	0.33	0.31	-6%	0.16	0.59	0.77
SUMMER	-	56	56	(79%)	(95%)	0.32	0.32	2%	0.17	0.75	0.85
AUTUMN	-	56	56	(84%)	(93%)	0.25	0.20	-17%	0.12	0.62	0.76

Ammonium_conc._in_precip. mgN/l

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	56	56	(66%)	(91%)	0.35	0.30	-14%	0.18	0.48	0.69
YEARDAY	-	56	5912	(40%)	(63%)	0.53	0.58	10%	2.40	0.13	0.17
JANFEB	-	55	55	(75%)	(84%)	0.28	0.22	-20%	0.17	0.51	0.65
SPRING	-	55	55	(69%)	(91%)	0.47	0.45	-3%	0.26	0.47	0.68
SUMMER	-	55	55	(49%)	(75%)	0.41	0.36	-12%	0.29	0.28	0.56

AUTUMN	-	55	55	(67%)	(84%)	0.31	0.27	-12%	0.26	0.27	0.51
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