RESULTS: Run rv3_7rc5.2008_day.nc Year 2008

SO2_in_Air ugS/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	52	52	(60%)	(85%)	0.42	0.63	51%	0.46	0.61	0.71
YEARDAY	-	52	17056	(40%)	(63%)	0.43	0.65	50%	0.89	0.49	0.66
JANFEB	-	51	51	(51%)	(75%)	0.63	1.02	60%	0.67	0.77	0.81
SPRING	-	52	52	(69%)	(83%)	0.42	0.54	28%	0.49	0.38	0.56
SUMMER	-	52	52	(50%)	(75%)	0.32	0.34	4%	0.38	0.26	0.48
AUTUMN	-	47	47	(53%)	(72%)	0.38	0.67	78%	0.51	0.69	0.72

Sulfate_in_Air ugS/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	59	59	(39%)	(85%)	0.56	0.32	-42%	0.32	0.64	0.65
YEARDAY	-	59	19046	(32%)	(55%)	0.55	0.32	-42%	0.52	0.55	0.69
JANFEB	-	58	58	(47%)	(86%)	0.60	0.39	-36%	0.39	0.61	0.71
SPRING	-	59	59	(22%)	(85%)	0.59	0.28	-53%	0.39	0.53	0.53
SUMMER	-	59	59	(36%)	(81%)	0.52	0.29	-44%	0.30	0.71	0.66
AUTUMN	-	54	54	(35%)	(74%)	0.51	0.30	-41%	0.32	0.67	0.72

Sulfate_in_Air,_sea_salt_incl. ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	59	59	(90%)	(97%)	0.56	0.56	1%	0.23	0.61	0.76
YEARDAY	-	59	19046	(51%)	(75%)	0.55	0.56	2%	0.54	0.49	0.69
JANFEB	-	58	58	(71%)	(91%)	0.60	0.82	37%	0.39	0.65	0.73
SPRING	-	59	59	(83%)	(98%)	0.59	0.48	-18%	0.25	0.55	0.69
SUMMER	-	59	59	(85%)	(97%)	0.52	0.47	-10%	0.23	0.62	0.76
AUTUMN	-	54	54	(81%)	(91%)	0.51	0.51	0%	0.27	0.59	0.75

NO_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	36	36	(36%)	(64%)	0.68	0.30	-56%	0.61	0.79	0.65
YEARDAY	-	36	11826	(39%)	(60%)	0.66	0.30	-55%	1.49	0.66	0.55
JANFEB	-	35	35	(37%)	(60%)	1.03	0.38	-63%	1.05	0.75	0.59
SPRING	-	35	35	(60%)	(80%)	0.45	0.26	-43%	0.37	0.60	0.67
SUMMER	-	34	34	(47%)	(71%)	0.40	0.23	-43%	0.38	0.41	0.59
AUTUMN	-	35	35	(40%)	(69%)	0.76	0.29	-62%	0.89	0.79	0.58

NO3-_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	32	32	(63%)	(84%)	0.33	0.30	-9%	0.16	0.72	0.82
YEARDAY	-	32	9667	(30%)	(48%)	0.31	0.28	-10%	0.43	0.60	0.76
JANFEB	-	31	31	(55%)	(77%)	0.50	0.52	5%	0.28	0.72	0.82
SPRING	-	32	32	(56%)	(84%)	0.37	0.27	-26%	0.21	0.66	0.73
SUMMER	-	32	32	(34%)	(72%)	0.21	0.11	-46%	0.16	0.67	0.61
AUTUMN	-	27	27	(48%)	(78%)	0.29	0.34	19%	0.22	0.66	0.79

HNO3_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	21	21	(71%)	(76%)	0.18	0.13	-27%	0.16	0.47	0.54
YEARDAY	-	21	6004	(33%)	(52%)	0.18	0.12	-30%	0.26	0.34	0.52
JANFEB	-	20	20	(25%)	(60%)	0.17	0.08	-51%	0.20	0.35	0.42
SPRING	-	21	21	(57%)	(71%)	0.18	0.11	-38%	0.16	0.48	0.54
SUMMER	-	21	21	(62%)	(76%)	0.18	0.17	-6%	0.12	0.59	0.75

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
AUTUMN	-	16	16	(44%)	(63%)	0.18	0.14	-23%	0.23	0.39	0.48

Sum_of_HNO3,_NO3-_in_air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	49	49	(92%)	(98%)	0.50	0.41	-19%	0.17	0.84	0.87
YEARDAY	-	49	15940	(47%)	(69%)	0.49	0.39	-20%	0.43	0.66	0.80
JANFEB	-	48	48	(75%)	(96%)	0.69	0.54	-22%	0.32	0.74	0.80
SPRING	-	49	49	(78%)	(96%)	0.54	0.37	-31%	0.23	0.86	0.80
SUMMER	-	49	49	(84%)	(94%)	0.37	0.30	-20%	0.14	0.77	0.83
AUTUMN	-	44	44	(86%)	(95%)	0.46	0.44	-5%	0.19	0.79	0.88

NO2_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	41	41	(76%)	(95%)	1.72	1.51	-12%	0.95	0.74	0.82
YEARDAY	-	41	14275	(53%)	(79%)	1.68	1.49	-12%	1.57	0.61	0.76
JANFEB	-	41	41	(59%)	(85%)	2.55	2.22	-13%	1.56	0.79	0.80
SPRING	-	41	41	(63%)	(88%)	1.46	1.14	-21%	1.08	0.55	0.68
SUMMER	-	41	41	(56%)	(83%)	1.13	0.76	-33%	0.81	0.56	0.70
AUTUMN	-	41	41	(68%)	(93%)	1.72	1.67	-3%	0.95	0.69	0.81

NH4+_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	39	39	(69%)	(92%)	0.66	0.49	-26%	0.29	0.79	0.82
YEARDAY	-	39	12077	(38%)	(61%)	0.65	0.47	-27%	0.63	0.67	0.79
JANFEB	-	38	38	(68%)	(92%)	0.86	0.74	-14%	0.36	0.79	0.86
SPRING	-	39	39	(56%)	(90%)	0.73	0.46	-38%	0.39	0.73	0.69
SUMMER	-	39	39	(46%)	(79%)	0.48	0.28	-41%	0.28	0.75	0.73
AUTUMN	-	34	34	(53%)	(88%)	0.58	0.50	-14%	0.30	0.73	0.84

NH3+NH4+_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	47	47	(77%)	(94%)	1.46	1.20	-18%	0.78	0.69	0.79
YEARDAY	-	47	15221	(54%)	(76%)	1.37	1.12	-18%	1.23	0.59	0.73
JANFEB	-	46	46	(83%)	(96%)	1.52	1.34	-12%	0.80	0.76	0.85
SPRING	-	47	47	(79%)	(94%)	1.54	1.33	-14%	0.85	0.64	0.77
SUMMER	-	47	47	(55%)	(81%)	1.46	0.93	-36%	0.86	0.74	0.74
AUTUMN	-	42	42	(76%)	(90%)	1.29	1.21	-6%	0.93	0.59	0.76

Ammonia_in_Air ugN/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	22	22	(50%)	(77%)	0.99	0.88	-12%	0.90	0.35	0.54
YEARDAY	-	22	6295	(36%)	(58%)	0.86	0.74	-14%	1.03	0.36	0.58
JANFEB	-	21	21	(38%)	(71%)	0.64	0.70	8%	0.57	0.46	0.66
SPRING	-	22	22	(55%)	(82%)	1.09	1.11	2%	1.03	0.38	0.59
SUMMER	-	22	22	(55%)	(77%)	1.16	0.76	-34%	0.89	0.43	0.57
AUTUMN	-	17	17	(29%)	(59%)	0.85	0.85	-1%	1.15	0.19	0.44

SO4_in_PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	10	10	(10%)	(100%)	0.65	0.31	-52%	0.36	0.85	0.53
YEARDAY	-	10	3256	(30%)	(59%)	0.66	0.32	-52%	0.49	0.66	0.67
JANFEB	-	10	10	(10%)	(90%)	0.55	0.25	-55%	0.34	0.83	0.56
SPRING	-	10	10	(20%)	(100%)	0.54	0.24	-55%	0.32	0.89	0.56
SUMMER	-	10	10	(70%)	(100%)	0.82	0.48	-41%	0.41	0.64	0.55

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
AUTUMN	-	10	10	(10%)	(70%)	0.67	0.26	-61%	0.43	0.66	0.45

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%)	0.61	0.37	-40%	0.28	0.66	0.58
YEARDAY	-	5	1177	(41%)	(69%)	0.70	0.39	-45%	0.53	0.59	0.68
JANFEB	-	5	5	(60%)	(100%)	0.57	0.33	-42%	0.33	0.77	0.68
SPRING	-	5	5	(20%)	(100%)	0.60	0.28	-54%	0.33	0.88	0.52
SUMMER	-	5	5	(80%)	(100%)	0.73	0.48	-35%	0.31	0.62	0.62
AUTUMN	-	5	5	(40%)	(100%)	0.58	0.35	-39%	0.26	0.40	0.50

NO3_in_PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	10	10	(50%)	(90%)	0.38	0.22	-44%	0.18	0.92	0.74
YEARDAY	-	10	3256	(31%)	(50%)	0.40	0.22	-44%	0.34	0.69	0.78
JANFEB	-	10	10	(80%)	(80%)	0.57	0.36	-36%	0.27	0.88	0.81
SPRING	-	10	10	(20%)	(80%)	0.35	0.15	-58%	0.22	0.91	0.65
SUMMER	-	10	10	(60%)	(100%)	0.28	0.16	-41%	0.12	0.81	0.61
AUTUMN	-	10	10	(40%)	(90%)	0.40	0.23	-41%	0.18	0.93	0.83

NO3_in_PM25 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	5	5	(80%)	(100%)	0.47	0.38	-18%	0.19	0.93	0.90
YEARDAY	-	5	1111	(36%)	(57%)	0.61	0.46	-25%	0.83	0.66	0.77
JANFEB	-	5	5	(80%)	(100%)	1.11	0.70	-37%	0.67	0.98	0.80
SPRING	-	5	5	(60%)	(100%)	0.40	0.29	-27%	0.15	0.83	0.82
SUMMER	-	5	5	(60%)	(80%)	0.09	0.11	15%	0.07	-0.45	0.22
AUTUMN	-	5	5	(80%)	(100%)	0.38	0.48	24%	0.15	0.93	0.93

NO3_coarse ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	2	2	(0%)	(0%)	0.72	0.05	-93%	0.68	1.00	0.21
YEARDAY	-	2	399	(3%)	(10%)	0.80	0.06	-93%	1.19	0.19	0.36
JANFEB	-	2	2	(0%)	(0%)	0.82	0.03	-96%	0.87	1.00	0.45
SPRING	-	2	2	(0%)	(0%)	0.58	0.03	-94%	0.55	1.00	0.23
SUMMER	-	2	2	(0%)	(0%)	0.56	0.06	-90%	0.50	1.00	0.09
AUTUMN	-	2	2	(0%)	(0%)	0.88	0.06	-93%	0.81	-1.00	0.03

NH4_in_PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	2	2	(50%)	(50%)	1.32	0.51	-61%	0.82	1.00	0.34
YEARDAY	-	2	405	(41%)	(70%)	1.45	0.77	-47%	1.06	0.75	0.74
JANFEB	-	2	2	(0%)	(50%)	1.43	0.64	-55%	0.83	1.00	0.75
SPRING	-	2	2	(0%)	(50%)	1.10	0.38	-65%	0.72	1.00	0.50
SUMMER	-	2	2	(0%)	(50%)	1.11	0.30	-73%	0.89	-1.00	0.37
AUTUMN	-	2	2	(50%)	(50%)	1.51	0.65	-57%	0.93	1.00	0.10

NH4_in_PM2.5 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	3	3	(67%)	(67%)	1.21	0.63	-48%	0.58	0.98	0.64
YEARDAY	-	3	750	(38%)	(64%)	1.40	0.82	-41%	1.26	0.68	0.74
JANFEB	-	3	3	(33%)	(67%)	1.99	1.03	-48%	1.15	0.98	0.75
SPRING	-	3	3	(33%)	(67%)	1.10	0.47	-57%	0.66	0.68	0.35
SUMMER	-	3	3	(0%)	(67%)	0.85	0.31	-63%	0.55	-0.95	0.09

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
AUTUMN	-	3	3	(67%)	(67%)	1.21	0.82	-33%	0.43	1.00	0.62

SIA ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	2	2	(50%)	(100%)	5.90	3.15	-47%	2.77	1.00	0.71
YEARDAY	-	2	402	(46%)	(74%)	7.61	4.60	-40%	4.73	0.77	0.80
JANFEB	-	2	2	(50%)	(50%)	7.03	3.72	-47%	3.75	1.00	0.81
SPRING	-	2	2	(0%)	(50%)	5.24	2.33	-56%	3.04	1.00	0.70
SUMMER	-	2	2	(50%)	(100%)	4.21	1.99	-53%	2.23	1.00	0.19
AUTUMN	-	2	2	(50%)	(100%)	6.74	4.02	-40%	2.76	1.00	0.69

PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	37	37	(59%)	(92%)	15.15	8.58	-43%	8.70	0.48	0.52
YEARDAY	-	37	11893	(42%)	(69%)	15.19	8.66	-43%	14.75	0.35	0.52
JANFEB	-	36	36	(72%)	(92%)	17.09	13.96	-18%	8.70	0.43	0.50
SPRING	-	36	36	(56%)	(86%)	14.13	7.28	-48%	9.59	0.38	0.48
SUMMER	-	36	36	(22%)	(69%)	15.19	6.12	-60%	10.50	0.63	0.51
AUTUMN	-	37	37	(65%)	(89%)	15.13	8.20	-46%	8.99	0.49	0.53

Na+_in_air ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	30	30	(57%)	(80%)	0.82	1.09	34%	0.50	0.89	0.92
YEARDAY	-	30	9450	(39%)	(59%)	0.86	1.14	32%	1.59	0.58	0.73
JANFEB	-	28	28	(54%)	(75%)	1.38	1.99	44%	1.06	0.83	0.87
SPRING	-	28	28	(61%)	(79%)	0.76	0.98	28%	0.40	0.93	0.95
SUMMER	-	30	30	(60%)	(93%)	0.62	0.76	22%	0.45	0.78	0.86
AUTUMN	-	25	25	(60%)	(88%)	0.79	1.03	31%	0.51	0.89	0.92

Na_in_PM10 ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	2	2	(0%)	(100%)	0.31	0.76	141%	0.48	1.00	0.16
YEARDAY	-	2	592	(31%)	(50%)	0.31	0.71	131%	0.88	0.39	0.47
JANFEB	-	2	2	(0%)	(50%)	0.35	1.20	244%	0.86	-1.00	0.20
SPRING	-	2	2	(50%)	(100%)	0.37	0.74	97%	0.42	1.00	0.49
SUMMER	-	2	2	(0%)	(100%)	0.33	0.67	104%	0.36	1.00	0.49
AUTUMN	-	2	2	(50%)	(100%)	0.24	0.50	104%	0.27	1.00	0.33

Cl+_in_air ug/m3

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	28	28	(29%)	(61%)	1.14	2.17	91%	1.19	0.93	0.85
YEARDAY	-	28	8970	(28%)	(44%)	1.19	2.22	87%	2.97	0.57	0.71
JANFEB	-	28	28	(29%)	(50%)	1.92	3.73	94%	2.20	0.87	0.82
SPRING	-	28	28	(25%)	(46%)	0.97	1.84	89%	1.02	0.93	0.88
SUMMER	-	28	28	(25%)	(43%)	0.70	1.55	120%	1.04	0.89	0.77
AUTUMN	-	23	23	(43%)	(74%)	1.18	2.03	72%	1.08	0.94	0.88

Ozone_daily_max ppb

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	132	132	(100%)	(100%)	41.30	42.96	4%	4.60	0.73	0.81
YEARDAY	-	132	44834	(98%)	(100%)	41.16	42.98	4%	8.77	0.76	0.85
JANFEB	-	129	129	(100%)	(100%)	36.88	37.73	2%	4.38	0.71	0.81
SPRING	-	129	129	(100%)	(100%)	49.70	50.98	3%	4.82	0.51	0.69
SUMMER	-	129	129	(100%)	(100%)	46.59	46.32	-1%	5.52	0.82	0.88

AUTUMN	-	129	129	(100%)	(100%)	34.23	39.37	15%	6.99	0.73	0.70

Ozone_daily_mean ppb

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	132	132	(99%)	(100%)	32.21	35.65	11%	6.30	0.70	0.74
YEARDAY	-	132	44834	(93%)	(98%)	32.10	35.61	11%	9.13	0.72	0.81
JANFEB	-	129	129	(98%)	(99%)	29.34	31.51	7%	5.98	0.69	0.76
SPRING	-	129	129	(100%)	(100%)	40.21	43.05	7%	6.02	0.54	0.68
SUMMER	-	129	129	(99%)	(100%)	35.40	38.15	8%	6.82	0.73	0.77
AUTUMN	-	129	129	(92%)	(99%)	25.83	32.24	25%	8.66	0.68	0.66

SO4_wet_dep. mgS/m2

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	62	62	(79%)	(97%)	16945.12	15462.19	-9%	124.81	0.71	0.83
YEARDAY	-	62	20083	(28%)	(37%)	16945.12	15462.19	-9%	2.60	0.35	0.50
JANFEB	-	62	62	(65%)	(84%)	2214.41	2072.66	-6%	34.34	0.31	0.52
SPRING	-	62	62	(74%)	(97%)	5052.57	4297.40	-15%	39.81	0.72	0.83
SUMMER	-	61	61	(69%)	(90%)	5067.50	4040.90	-20%	37.87	0.75	0.83
AUTUMN	-	62	62	(69%)	(95%)	3701.56	3613.61	-2%	39.23	0.54	0.72

Nitrate_wet_dep. mgN/m

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	62	62	(89%)	(97%)	15180.29	14125.57	-7%	108.76	0.71	0.83
YEARDAY	-	62	20076	(28%)	(37%)	15180.29	14125.57	-7%	1.87	0.40	0.56
JANFEB	-	62	62	(53%)	(84%)	2134.63	1286.95	-40%	30.94	0.36	0.51
SPRING	-	62	62	(77%)	(97%)	4753.25	4306.67	-9%	35.70	0.77	0.84
SUMMER	-	61	61	(77%)	(90%)	4009.31	4609.50	15%	34.02	0.77	0.84
AUTUMN	-	62	62	(73%)	(90%)	3360.30	3155.10	-6%	33.64	0.58	0.74

Ammonium_wet_dep. mgN/m2

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	61	61	(75%)	(89%)	19281.98	17938.73	-7%	152.00	0.66	0.81
YEARDAY	-	61	19701	(27%)	(36%)	19281.98	17938.73	-7%	2.96	0.34	0.47
JANFEB	-	61	61	(57%)	(79%)	2522.76	1707.66	-32%	32.70	0.30	0.53
SPRING	-	61	61	(61%)	(89%)	6443.05	6614.61	3%	69.05	0.58	0.76
SUMMER	-	60	60	(62%)	(85%)	5913.94	4759.11	-20%	56.61	0.68	0.78
AUTUMN	-	61	61	(59%)	(84%)	3636.91	4038.40	11%	40.63	0.57	0.74

Precipitation mm

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	62	62	(97%)	(100%)	60927.81	65616.06	8%	311.65	0.73	0.84
YEARDAY	-	62	22212	(31%)	(41%)	60927.81	65616.06	8%	5.29	0.59	0.75
JANFEB	-	62	62	(77%)	(97%)	8996.62	8740.46	-3%	68.89	0.74	0.84
SPRING	-	62	62	(94%)	(100%)	15028.97	16845.34	12%	92.32	0.77	0.86
SUMMER	-	62	62	(92%)	(98%)	16451.88	18500.66	12%	95.66	0.78	0.86
AUTUMN	-	62	62	(90%)	(98%)	15915.68	17005.42	7%	106.99	0.72	0.84

Nitric_acid_wet_dep. mgN/m2

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	62	62	(73%)	(90%)	15180.29	9523.68	-37%	138.82	0.71	0.70
YEARDAY	-	62	20076	(25%)	(34%)	15180.29	9523.68	-37%	1.85	0.39	0.47
JANFEB	-	62	62	(29%)	(58%)	2134.63	776.66	-64%	35.31	0.34	0.46
SPRING	-	62	62	(60%)	(89%)	4753.25	2748.17	-42%	51.06	0.75	0.66
SUMMER	-	61	61	(72%)	(90%)	4009.31	3412.69	-15%	28.40	0.76	0.85

AUTUMN	-	62	62	(63%)	(84%)	3360.30	2088.38	-38%	36.65	0.59	0.64

SO4_conc._in_precip. mgS/l

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	62	62	(82%)	(95%)	0.33	0.28	-14%	0.15	0.79	0.87
YEARDAY	-	62	8099	(44%)	(69%)	0.46	0.40	-13%	1.21	0.22	0.37
JANFEB	-	62	62	(73%)	(92%)	0.37	0.35	-5%	0.41	0.45	0.64
SPRING	-	62	62	(73%)	(92%)	0.41	0.31	-23%	0.21	0.70	0.79
SUMMER	-	61	61	(70%)	(90%)	0.36	0.27	-25%	0.20	0.66	0.77
AUTUMN	-	62	62	(82%)	(92%)	0.31	0.28	-10%	0.18	0.71	0.83

Nitrate_conc._in_precip. mgN/l

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	62	62	(90%)	(98%)	0.28	0.25	-12%	0.09	0.82	0.89
YEARDAY	-	62	8092	(40%)	(64%)	0.44	0.41	-8%	1.31	0.20	0.32
JANFEB	-	62	62	(56%)	(90%)	0.32	0.21	-34%	0.19	0.76	0.79
SPRING	-	62	62	(85%)	(97%)	0.36	0.30	-18%	0.12	0.76	0.83
SUMMER	-	61	61	(82%)	(97%)	0.29	0.31	7%	0.16	0.62	0.78
AUTUMN	-	62	62	(81%)	(95%)	0.27	0.23	-16%	0.11	0.78	0.86

Ammonium_conc._in_precip. mgN/l

Period	CDays	Ns	Np	pc<30%	pc<50%	Obs	Mod	Bias	Rmse	Corr	IOA
YEARLY	-	61	61	(70%)	(90%)	0.38	0.32	-15%	0.19	0.64	0.76
YEARDAY	-	61	7915	(39%)	(62%)	0.53	0.52	-2%	1.68	0.18	0.29
JANFEB	-	61	61	(64%)	(80%)	0.40	0.27	-34%	0.34	0.54	0.59
SPRING	-	61	61	(79%)	(90%)	0.52	0.44	-14%	0.35	0.44	0.60
SUMMER	-	60	60	(65%)	(87%)	0.42	0.34	-20%	0.25	0.55	0.71
AUTUMN	-	61	61	(70%)	(84%)	0.30	0.29	-2%	0.19	0.61	0.76