

EMEP – 37th intercomparison of analytical methods - % deviation from expected value

Lab no	Precipitation				Cond																Cond								
	SO _x ²		NH ₄ ⁺		NO _x		Na ⁺		Mg ²⁺		Cl		Ca ²⁺		K ⁺		pH		Cond				Cond						
	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4	G1	G2	G3	G4					
3	-2	-2	2	2	3	1	3	3	-3	-2	-3	-1	-6	-4	-6	-5	-6	-3	-4	-5	-4	-6	-5	-7	1	2	-1		
4	-5	-2	-2	-3	13	0	0	-1	-6	-2	-2	2	4	3	3	-1	-1	-2	-2	-3	-2	-7	-2	2	1				
5	-3	-3	-1	0	-2	2	1	3	-2	-2	2	1	0	-1	1	0	0	0	0	0	0	0	0	0	0	0			
6	6	5	7	7	1	-3	12	11	5	5	7	7	0	0	0	-1	-1	-1	-1	-1	-1	5	1	1	0	0			
7	196	189	196	196	23	22	25	25	932	334	340	343	-9	-9	-10	-10	-11	-16	-4	-5	-4	-5	-6	-5	-7	1	2	-1	
8	1	-1	1	1	1	-1	0	-1	2	1	-3	-3	-3	0	0	-2	-2	1	2	1	1	-1	1	1	0	0	0		
9	-3	-3	-5	-5	44	44	42	42	-5	-5	-3	-6	-6	-11	-11	-11	-11	-11	-11	9	8	8	0	-1	1	1	3	6	4
10	0	0	0	2	214	13	10	10	1	-3	-1	-1	-1	-7	-5	-3	-4	-14	-18	-4	-6	-2	-2	-5	-4	2	0	4	
11	-3	-3	-5	-5	2	13	10	10	7	1	-2	0	1	7	7	4	3	-1	-2	-2	-2	-5	-4	-2	-3	0	-1		
12	0	0	0	2	9	9	10	10	1	-2	0	1	1	-3	-2	-1	-1	-3	-4	-2	-2	-5	-4	-2	-1	1			
13	-3	-3	-5	-5	-3	1	1	1	-2	-1	-1	-1	-3	-4	-2	-2	-1	-2	-2	-2	-5	-4	-2	-1	-1	0	0		
14	2	1	1	1	25	0	1	1	-12	-12	-12	-12	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15	0	-5	-2	-2	12	11	11	11	1	-3	-1	-1	-1	-3	-4	-2	-2	0	0	0	0	0	0	0	0	0	0		
16	-3	-3	-5	-5	-3	1	1	1	-2	-1	-1	-1	-3	-4	-2	-2	-1	-2	0	0	0	0	0	0	0	0	0		
17	2	1	1	1	25	0	1	1	-12	-12	-12	-12	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18	0	-5	-2	-2	12	11	11	11	1	-3	-1	-1	-1	-3	-4	-2	-2	0	0	0	0	0	0	0	0	0	0		
19	0	-5	-2	-2	25	15	12	11	1	-3	-1	-1	-1	-6	-5	-4	-2	-2	0	0	0	0	0	0	0	0	0		
20	1	0	1	2	3	0	1	-1	2	-1	0	0	-1	1	3	3	-1	0	-2	0	0	0	0	0	0	0	0		
21	1	-1	2	2	3	-7	-2	-1	1	-1	1	1	-2	-2	-2	-3	-3	2	0	0	-1	0	1	0	-1	1	-1		
22	-11	-12	-9	-9	22	-13	-8	-9	1	0	3	2	-7	-7	-7	-10	-10	-9	7	-5	-8	-8	-13	-14	0	-7	-4		
23	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
24	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
25	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
26	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
27	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
28	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
29	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
30	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
31	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
32	-1	-3	-4	-4	-3	-2	-2	-2	-7	-7	-7	-7	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
33	-6	-5	-5	-5	-4	-4	-4	-4	-10	-10	-10	-10	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7		
34	1	0	2	2	0	1	4	1	-1	1	1	1	-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
35	1	0	2	2	0	1	4	1	-1	1	1	1	-1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
36	0	0	0	0	-5	-1	-4	-4	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
37	0	0	0	0	3	2	2	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
38	0	0	0	0	3	2	2	2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1		
39	-4	-5	-4	-5	-3	-1	2	2	-2	-2	-1	0	-5	-4	-2	-1	1	0	3	3	-10	-9	-5	1	1	3	3		
40	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
41	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
42	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
43	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
44	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
45	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
46	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
47	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
48	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
49	-2	-2	-1	-2	18	13	-11	-4	0	2	3	2	1	-4	-13	-13	8	6	7	9	-3	0	-2	10	9	8	7	-3	
50	-6	-5	-4	-3	-3	8	9	5	-9	-5	-2	-2	0	0	10	-4	-4	-5	-1	-4	-3	-2	-4	-4	0	0	0	0	
51	10	8	2	8	11	11	11	11	-5	-6	-6	-8	-8	-10	-10	-9	-8	-10	-11	-9	-5	-6	-7	-8	-9	-10	-11	-12	
52	4	0	-4	-4	0	6	-3	-2	0	2	1	1	1	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
53	-2	-3	-4	-4	21	8	12	12	0	-4	-4	-4	-4	-14	-13	-6	-7	-8	-9	-8	-7	-17	-12	-10	-9	-11	-15	-16	
54	-6	-6	-6	-6	-3	0	0	-2	1	-3	-3	-3	-3	8	8	-3	-3	-3	-3	-3	-3	1	1	2	6	5	5	4	
55	-6	-6	-6	-6	-3	0	0	-2	1	-3	-3	-3	-3	5	5	-2	-2	-2	-2	-2	-2	1	1	2	6	5	5	4	
56	-17	-28	-62	-62	-13	-8	-3	-2	-3	-1	-2	-5	-6	-8	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	
57	-2	-3	-4	-4	-4	23	16	14	-3	-3	-3	-3	-3	1	17	5	14	2	-7	-9	-8	-8	3	3	3	3</			