Heavy metals in precipitation 2025 - % deviation from expected value

	Arsenic				Cadmium				Chromium				Copper				Lead				Nickel				Zinc			
	% deviation from expected				% deviation from expected				% deviation from expected				% deviation from expected				% deviation from expected				% deviation from expected				% deviation from expected			
Lab no	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4	H1	H2	H3	H4
3	2	0	0	2	9	-5	3	1	-2	-2	-3	-2	1	1	1	0	-1	-2	-2	-2	-1	-2	-1	-1	4	4	3	4
4	-18	-13	-14	-12					0	-1	-1	1		-2	-51	5	-7	-7	-10	-7	-6	-7	-7	-5	6	4	7	4
5	0	-2	2	1	3	-2	0	-2	0	-2	-3	-1	2	-6	-3	2	1	-1	0	0	-3	-7	-4	-1	0	-4	-2	1
6	-6	2	-5	-2													-5	-6	-5	-6								
8	2	3	2	2	3	3	0	1	0	-27	-2	0	7	3	5	3	-3	-4	-4	-4	2	1	-1	-1	0	0	-2	-1
10		-22		-54													-43	-77	-53	-28								
15	-3	-5	-5	-5	0	-1	3	1	-4	-4	-5	-2	-5	-2	-4	-2	1	-1	-1	0	-3	-4	-2	-1	-3	-3	-3	-2
16					-35	-38	-31	-9	-59	-61	-57	-61	-70	-76	-74	-68	-20	-12	-13	-21	-58	-42	-51	-16	-59	-66	-64	-67
20	4	5	5	5	4	5	6	4	2	1	0	0	3	2	2	2	-2	-2	-3	-1	1	1	0	1	9	7	7	8
22					6	-5	10	-2					-13	-14	-4	-5	-16	-12	-14	-19								
24	-28	-14	-19	-31	47	69	68	77	-47	-30	-42	-41					-55	-72	-68	-61	-19	-31	-14	-24				
31	-4	-41	-20	-41	-12	15	-7	-5	-16	-20	-9	-15	43	-15	22	-4	-65	-55	-55	-66	23	-12	-15	-44	7	5	1	-1
33	-5	-4	-3	-2	6	-1	-7	-12	-6	-4	-6	-4	-13	-11	-11	-9	-15	-15	-15	-14	-8	-8	-7	-3	-4	1	-1	0
34	5	-2	3	4	103	36	37	52	12	67	37	51	-18	-13	-17	-17	-17	15	57	123	116	193	177	120	30	30	28	30
35	21	16	19	17	32	130	17	28									16	12	11	14	17	13	11	10				
36	1	3	3	2	3	-1	-4	4		-1		-1	-52	-7	-8	-5	0	0	-1	0	-2	0	-1	3	0	-1	-2	1
39	5	4	1	3	-9	-5	-7	-9	-2	-1	-1	0	-2	2	-5	-6	-11	-14	-14	-12	-9	-9	-9	-8	0	0	-2	-1
41					194	312	244	205	72	37	106	52	59	14	37	9	-1	-2	-2	0	47	37	29	-8	18	12	12	13
42					-25	-29	-43	-16	47	33	39	42	-59	-71	-82	-69	20	13	6	23	125	31	51	27	10	19	-4	15
43	-43	-38	-57	-51	-22	-31	-26	-29	-46	-36	-16	-14	-48	-55	-15	-61	-36	-39	-39	-38								
43	-43	-38	-57	-51	-24	-30	-24	-30	-44	-46	-46	-45	-50	-47	-44	-39	-36	-39	-39	-38								
47	4	-4	4	5	0	-5	-11	1	4	4	3	2	3	3	1	8	1	0	-2	1	4	6	5	5	3	4	3	4
48	2	3	3	1	3	15	13	7	1	0	-3	2	-1	2	4	7	10	7	8	9	9	5	8	1	15	15	13	15
49	30	36	33	31	9	11	13	16	-8	0	-6	-2	7	16	15	15	-11	-12	-10	-10	-44	-35	-34	-14	33	44	41	46
51	23	20	26	33	24	23	27	34	6	4	9	15	9	8	13	19	10	11	15	20	11	10	21	20	16	15	20	30
54	12	7	13	3	-6	3	-7	1	-15	-11	-7	-10					-5	-2	-6	-1	-71	-73	-46	-29	-8	-9	-10	-9
110	5	2	-3	2	-12	-1	-7	-2	7	4	-5	2	-37	-28	-32	-23	0	-1	-1	-1	-9	2	1	1	-3	-6	-4	-4
112	9	10	10	7	9	11	7	17	-5	-5	-6	-4	-1	-2	-1	27	4	3	3	5	-1	-3	-3	42	19	18	18	24
115	9	10	9	4	3	11	0	4	5	4	0	0	5	1	-1	0	-5	-6	-7	-7	3	2	-2	1	11	5	6	2
120	5	4	2	1	12	7	7	4	0	2	-1	3	0	-1	-4	-2	0	-2	-2	-2	-14	-14	-13	-8	15	13	14	14
121	-63	-23	-59	-13					1	-4		-7	19	14	16	15	-9	-11	-9	-10	6	7	5	5	1	-2	7	1
125	7	4	5	10	-6	-4	2	-2	-27	-22	-33	-24	-9	-7	-8	-5	-2	2	1	-1	-2	0	-1	-1	5	7	3	3
129					14606	20476	17082	15144	2598	3590	7476	4894	1116	973	1933	963	4032	4573	596	3211	1350	3763	2230	1427	-31	26639	-7	-10
146	2	0	5	4	-6		-4	-12	-5	-5	-1	1	-3	-4	-6	-5	-3	-2	-3	-2	3	1	4	0	1	-2	0	0
166																									9	7	7	10
169	1	-1	0	-1	-9	-5	4	-1	-16	-7	-15	-11	-12	-10	-4	-6	0	2	-1	-1	-3	-2	-5	2	1	1	2	2
171	-3	-5	-5	-5	-12	-14	-11	-12	-4	-4	-4	-4	-7	-8	-5	-7	-6	-6	-6	-5	-8	-7	-7	-6	4	4	2	4
178	3	-4	8	-6	12	7	0	-5	-5	-7	3	-5	8	4	3	3	-1	-3	1	-11	1	-2	2	-10	-2	-7	4	-5
183					26	40	24	34	11	13	2	7	52	29	9	17	11	11	-5	4	28	9	-12	6	3	6	1	3
187	-6	-3	5	1	-15	36	10	19					-2	-25	-4	37	2744	510	168	238	24	-11	-9	-21				
203	-9	-4	16	5	-18	73	17	40													21	-12	-7	-7				
209	-3	-3	-5	-3	-9	-1	0	-2	0	1	0	0	-10	-7	-10	-6	-1	-2	-2	-1	-1	-10	-10	-4				
211	4	1	4	1	-7	7	-2	5	-2	1	0	-4	-16	-6	-10	-3	2	2	4	2	2	1	9	1	12	8	8	9

between ±25 and 50%
more than ±50%
for low theoretical values of Ni, Cr and As (< 1 µg/l), Cd < 0.5 µg/l, Zn < 10 µg/l, Cu < 2 g/l

between ±15 and 30%
more than ±30%
for theoretical values of Pb (< 1 µg/l)