

## Heavy metals in precipitation 2024 - % deviation from expected value

Lab no	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											
	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	H1	H2	H3	H4
3	-1	-2	-2	-2	-1	-9	-4	3	-2	-2	-3	-2	-11	-10	58	-8	-2	-3	-1	-2	-4	-6	-2	-5	1	0	1	2				
4	1	2	2	-1			-5		0	2	1	4		-51	-1	-2	-19	-15	-12	5	-6	-10	1	-4	-2	10	-4	19				
5	9	9	4	5	4	4	1	-1	3	3	2	7	2	8	3	4	2	3	2	3	6	7	4	4	4	10	3	6				
6	32	62	33	81							13				-2			-4	-3													
8	5	6	6	7	4	1	1	8	2	1	1	3	5	6	3	10	2	3	3	4	2	0	-1	5	0	1	-1	2				
10	17		-23				-58											-58	-79													
15	-4	-3	-6	-7	4	5	0	-8	1	-1	-2	-1	3	2	0	-2	-1	3	-2	-1	2	1	-1	-2	1	6	5	3	6			
16					61	20	25	119	-29	-23	-21	-23	-37	-42	-30	-36	-21	8	8	-14	-34	-21	-34	-49	-41	-33	-46	-38				
20	5	3	3	5	4	-2	1	3	2	2	0	3	5	6	2	5	-9	-7	-9	-9	0	-5	-2	-3	10	16	7	14				
21					161	123	49	257					100	59	47	91	23	7	-1	66												
31	50	93	-10	145	22	-19	-65	8	1	-18	-56	47	15	1	-67	-44	14	-18	-88	18	-64	-46	-66	-46	10	-6	-5	-20				
33	-1	-2	-2	0	4	11	1	-3	-6	-8	-6	-7	219	-4	-6	-4	-17	-18	-18	-17	-16	-10	-16	-11	-8	-8	-10	-9				
34	34	13	-4	-12	3175	2444	1099	3559	517	1505	263	731	-100	-100	-80	-28	-100	206	-78	-100	-100	62301	-100	734	-17	-34	-36	-17				
35	16	18	15	19	17	22	15	19					15	5	3	14	5	7	4	11												
36	0	-2	-1	0	-1	5	-2			-4	-4		0	0	-2	0	-3	-5	-5	-3	-2		-3		-5	-4	-6	-5				
39	11	12	12	8	-77	-66	-16	-73	5	5	6	4	-79	-70	-29	-55	-57	-32	-11	-64	-1	-5	3	1	3	-12	11	-1				
41	-4	0	-5	-1		5	6		-9	-8	-11	-13	-2	-9	-9	-9	-6	-5	-8	-7	-1	-8	-5	-7	1	-1	0	1				
47	0	-1	-1	7	-1	5	1	14	6	2	0	4	-2	-2	-2	24	1	-1	-5	2	4	12	3	8	1	1	0	4				
48	2	1	-1	2	-1	5	1	14	2	9	-3	0	-1	117	241	3	11	9	9	12	3	-1	-1	4	15	13	10	8				
49	31	37	37	32	6	7	13	3	-20	-15	-13	-30	3	5	2	-1	-19	-7	-4	-19	-17	-32	-13	-26	45	43	44	71				
51	6	5	3	7	4	8	5	3	1	-1	0	1	4	5	3	5	4	2	2	6	4	17	16	10	15	28	35	18				
54	1	0	-1	1	-1	1	0	8	3	-4	-1	1	-1	1	0	20	-1	1	0	-2	1	4	0	9	-3		2	6				
110	2	16	-6	3	-1	-5	-7	-8	8	-1	1	8	-7	-5	-5	-5	5	5	4	14	8	4	-2	22	-9	-5	-13	-3				
112	8	11	9	10	8	5	5	8	-1	-2	-3	1	3	3	1	4	-1	0	909	-1	0	2	1	3	1055	1057	1043	1058				
115	14	8	6	8	13	11	13	14	2	1	2	1	5	2	3	2	-4	-4	-5	-4	1	3	0	3	7	5	4	3				
120	6	1	2	-2	-9	1	8	3	-1	-2	-3	-2	-20	-19	-10	-15	-8	-9	-8	-10	-96	-88	-77	-98	13	20	6	12				
121	-7	-12	-10	-51			-2		-58	-21	-21		-8	-9	-12	-10	-2	-4	-4	-3	-34	-66	-33	-35	-18	-19	-20	-18				
125	10	8	4	21	13	0	2	9	-1	-4	0	3	5	1	2	2	2	-2	-2	-1	4	-3	5	2	3	6	3	6				
129					22423	16792	8346	26927	650	2414	2060	5891	389	954	514	265	230	1067	319	4660	2152	4405	1589	3278	13820	891	198	245				
145	-1	1	6	2	17	4	3	18	-1	-3	-2	-2	8	8	7	9	1	2	2	3	3	18	5	11	-2	-5	-2	-5				
146	1	3	2			5	0		-2	-2	-3	-4	-1	-4	-3	-6	-1	-2	-2	-3	1	3	-2	-2	3	7	2	2				
166																					0				0	11	-2	3				
169	11	2	4	3	4	15	6	-3	2	2	-1	5	2	4	1	2	0	-1	-1	0	4	2	3	6	3	-8	9	1				
171	-5	-7	-5	-4	-5	-5	-4	-3	0	-2	-2	1	-5	-4	-5	-3	-6	-5	-6	-4	-2	-4	-4	-2	-10	-13	-10	-8				
178	0	2	-2	-2	22	-26	-12	3	-5	-20	-8	-9	-6	-18	-8	-16	-1	6	-5	2	-9	-45	-10	-40	-7	-2	-9	2				
183					8	-29	-5	-30	-6	-3	-3	18	48	40	36	35	8	-35	4	-31	4	8	22	12	-8	2	-5	-4				
189																													-68			
203	10	-46	-32	-60															-58													
207	17	18	1	8	8	11	22	19	-4	2	-2	-5	-50	-55	-25	-46	-40	-45	-38	-47	-12	-18	-13	-12	-18	-34	-11	-29				
211	4	7	7	7	13	8	7	2	0	6	9	10	4	8	14	12	6	8	5	6	10	12	9	16	17	20	14	18				

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