





Heavy metals in precipitation 2022 - % deviation from expected value

Lab no	Arsenic % deviation from expected				Cadmium % deviation from expected				Chromium % deviation from expected				Copper % deviation from expected				Lead % deviation from expected				Nickel % deviation from expected				Zinc % 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	
4	13	0	3	-8	-13	4	-8	-10	8	8	9	8	8	2	-4	-7	-6	-4	-5	4	7	11	9	1	-2	2	0		
5	1	2	4	5	-3	10	-5	2	0	2	1	0	8	-1	8	3	2	2	3	2	2	2	5	3	1	0	3		
6	28	23	33	28										5	7	5	-4	-5	-5	-4	6	5	5						
7	1	-4	3	1	-16	22	8	3	2	5	7	0	-3	-3	3	2	2	0	2	0	-5	1	4	-3	8	8	8	10	
8	7	2	4	5	0	9	0	0	-1	-2	0	-3	-2	0	-1	-3	1	0	1	0	-2	-1	5	0	-1	-1	4	-2	
15	-3	-5	-6	-4	0	9	-4	0	3	0	0	1	3	1	1	-1	0	-1	0	-2	-1	-2	3	1	3	0	3	1	
16					-3	9	-4	0	-6	-7	-7	-7	-14	-8	-13	-20	-4	-8	-5	-7	-13	-15	2	-15	-8	-3	-4	1	
19	3	1	0	0	69	74	20		-6	-8	-54	-52					5	2	4	1				23	24	28	26		
20	21	10	11	13	13	23	8	8	2	0	0	0	5	1	0	0	6	5	4	4	-1	-2	2	-1	15	14	18	13	
22					-34	-48	-48	-48					95	-69	-55	-62	-35	-54	-37	-11									
24	0	23	16	21	38	48	8	3																					
31	31	-5	30	37	13	70	56	93	51	24	20	97	119	43	-1	14	-55	101	5	-59	174	-1	166	76	195	299	603	244	
33	-7	-11	-12	-13	0	9	4	-7	-18	-19	-21	-22	-40	-37	-15	-39	-29	-30	-31	-33	-40	-42	-44	-40	-5	-9	-7	-10	
34	18	14	13	14	28	87	40	45	25	23	27	25	-13	9	13	-4	40	65	39	41	23	23	21	26	-6	-20	-15	-15	
35	9	8	10	10	6	17	4	10									-1	0	2	0	1	2	3	4					
36	1	-1	1	1	6	17	4	7					-2	0			-1	-1	-1	-1	16	12		8	1	1	0	-1	
38	-22	-9	-8	-13	-69	-57	-60	-66									-8	-9	-8	-7	-44	-49	-76	-48	-12	-27	-14	-15	
39	11	17	11	14	-3	0	4	-7	4	3	5	5	-32	3	7	-14	-14	-27	-20	-6	-17	14	-29	6					
41	-8	-1	1	-1	22	-4	32	3	2	6	2	7	-10	-6	-3	-3	4	2	2	1	-2	-2	4	1	2	5	8	1	
43	28	-9	5	19	88	117	60	72	129	138	299	274	645	244	231	612	-24	-28	-28	-30	119	51	100	164	83	136	240	85	
48	6	4	3	3	0	9	0	3	11	5	2	5	8	0	1	-2	7	4	6	6	6	3	-1	5	22	20	16	19	
49	20	14	21	18	3	9	8	10	3	4	2	2	11	9	12	8	-1	-5	-4	-2	5	7	7	8	37	49	37	36	
51	6	6	5	4	3	30	8	10	5	5	0	1	4	4	2	4	4	5	5	3	4	1	3	5	7	9	8	6	
53	6	3	11	10	-6	30	20	3	-7	3	14	5	14	-8	-2	-4	0	-3	2	2	-8	-3	0	-3	-1	-1	6	7	
54					-19	-13	-16	-14	-1	-5	-8	-9					18	10	9	6					-11	-18	-12	-13	
110	0	-7	-8	-4	0	4	-4	-3	7	6	10	5	0	-5	-10	-11	8	6	8	6	3	3	5	0	4	-10	-8	-15	
112	16	13	10	11	11	22	8	7	4	4	4	4	8	3	5	2	4	5	5	4	4	4	3	5	19	20	19	19	
114					213	335			-64	-63	-56	-54					-56			-62	-100	128	186	113	6	10	1	1	
115	12	13	11	10	16	17	12	10	1	4	0	1	-3	-2	0	-2	-4	-5	-4	-4	-13	-13	-22	-15	7	7	6	5	
117										-100			-18	-23	-26	-14	18	16	8	8									
118					166	270	200	210									350	233	216	168						147	123	75	67
120	9	11	7	5	-6	9	-16	3	7	-2	-6	-15	1	28	4	-2	1	1	-1	-1	0	5	0	6	9	9	12	10	
121		1	2	5					7	4			26	18	16	17	-14	-17	-16	-15	5	4	4	9	-13	-27	-15	-18	
125	17	6	17	27	1	18	-1	10	0	2			5	4	3	3	-2	3	2	4	1	4	3	-1	7	15	9	5	
129	-44	35	31	3	-16	17	-16	-76	30	1	-11	4	-99	-99	-99	-99	-13	-25	-17	-16	-78	-57	-98	-64	-57	-78	-30	-51	
145	-4	-2	-6	-4	2	14	-4	-4	-2	2	0	-2	0	-4	2	-1	2	2	-2	0	1	1	7	3	-2	1	-2	-2	
146		-6	-3		25	30	40	34	-2	-4	-10	-10	12	3	6	3	5	5	0	-2	3	3	0	0	14	9	4	4	
166																									6	17	9	8	
169	-13	4	-4	-12	-6	9	-4	3	15	15	26	30	5	4	3	-3	1	3	2	2	-3	5	-5	3	5	6	6	1	
171	-11	-10	-9	-8	-2	8	-6	2	-3	1	-4	-4	1	-2	-1	9	-3	-3	-2	-2	-4	-4	-3	7	-9	-9	-9	-3	
179																										179	225	177	146
183									23	14	15	23	13	7	2	-5					11	6	9	10	21	11	8	9	
185																													
187	5	-12	-5	-14	-53	204	-28	138	-9	15	32	23	62	6	21	33	3	3	5	4	431	469	581	477	11	5	17	-2	
193	17	4	8	-7									68	11	12	37									10	34	17	7	
203																													
207																													
208																													
209																		88	88	80	86								

 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

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