



Heavy metals in precipitation 2019 - % 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	
3	26	25	23	10	17	11	8	16	-9	-9	-8	-7	-4	-6	-7	-3	-6	-4	-4	-5	4	1	0	2	33	32	30	31	
4	0	-1	-2	-8		-2	-3	-4	29	21	13	11	19	16	16	15	-9	-8	-9	-9	-10	-10	-15	-15	-3	21	23	23	
5	1	2	-2	4	1	-3	4	6	0	-2	1	2	2	0	0	1	3	2	2	1	1	3	1	4	4	5	4	21	
6			20	23	14	11	17	29				3	3	3	6	72	-20	-16	-11	-8	-50	-8	0	10	29	28	43	54	
7						-53	-25	-24					-62	-24	-19	-23			-51	-57					-2	-5	-1	-6	
8	-6	-7	-4	-5	-6	-9	-3	-10	-16	-10	-8	-3	-5	-6	-5	-3	-1	-3	-5	-3	-3	-6	-7	-6	1	-3	-3	0	
10	714		242	316	-71	-78	-52	-43	411	292	138	109	-11	-2	16	-1	200	148	65	101	33	-13	36	20	-12	-7	6	4	
15	-1	-3	5	3	0	0	0	4	1	-7	-3	-2	0	-2	3	0	-1	0	3	2	-3	-4	-4	-3	3	2	3	2	
16					-3	0	-3	1	-3	-1	-1	-1	-7	-4	-1	7	-2	-2	-2	-1	-8	-6	-5	-3	0	-3	-2	0	
20	-2	-1	-1	-2	-6	-6	-6	-5	2	2	3	2	3	2	4	3	-3	-4	-3	-3	6	3	3	3	-3	0	1	-3	
31	9	5	8	6	-3	-2	0	0	2	-1	0	0	2	0	5	0	1	1	5	1	1	-1	0	1	0	-4	2	-2	
32	-86	-90	-90	-91	11	16	12	13	2	4	6	2	13	11	14	12	4	5	3	3	140	112	84	77	-87	-87	-87	-88	
33			-50	17	17	7	0	14	30	13	0	0	0	11	-18	-8	11	0	25	22									
36	3	0	-1	-2	14	5	-3	-1			-50	-3	-2	-3	-2	-2	-1	-1	0	0	-4	-4	-3	-3	-12	-11	-10	-9	
38	-5	-8	-7	-7	-26	-20	-13	-14							-55	-58	-23	-18	-20	-18	-41	-31	-28	-32	-7	-9	-8	-8	
39			0	0	14	11	17	14	0	33	0	0	0	0	0	0	11	9	-13	11	0	20	0	13	0	0	0	0	
41	43	24	15	14					1	2	4	2	-2	0	30	-3	-2	0	30	-3		-50	-3	-4	-24	-10	68	-9	
48	8	2	6	-5	-9	0	0	1	2	-6	-11	-9	-10	-4	-9	-13	-1	1	-2	-2	-8	0	-13	-11	7	9	2	6	
51		49	40	27					5	2	5	3	0	0	-1	1	0	0	-1	1	8	7	5	7	7	4	1	-1	
52	8	3	3	1	-11	-11	-12	-10					2	2	3	6	2	2	3	6	-13	-12	-13	3					
53	0	7	0	7	14	11	0	0	0	0	-3	-3	1	7	6	7		-55	-9	-8	-30	-18	-14	-11	13	17	19	20	
110	10	7	0	10	0	33	2	29	0	7	10	13	7	172	27	200	7	173	15	142	8	8	7	13	-2	7	1	8	
114					0	33	0	25	43	22	9	0	43	22	9	0	-67	-73	-13	0	0	0	0	0	2	-1	-3	-2	
115	22	23	14	8	3	2	8	3	2	1	1	1	2	2	1	2	-4	-4	-4	-5	4	0	0	1	5	3	4	5	
117					-14	-11	-10	0					-17	-12	-15	-13	-22	-18	-15	-11					42	21	34	19	
118					-57	-44	-37	-29					13	0	3	0									0	-14	0	-11	
120	17	-1	-3	4	17	11	2	-1	22	17	17	14	2	3	3	3	-1	-1	1	-2	7	5	1	3	2	0	3	2	
121			-50	-4			-2	-3			-4	-3	-20	-16	-14	-8	0	-2	-1	0	-21	-23	-15	-11	-3	-5	-3	-1	
125	-6	5	2	3	0	-1	-2	-1			3	4	0	-2	-1	8	-2	-4	-2	-3	15	9	6	6	23	16	15	14	
141					-23	-24	-15	-13																					
145	15	-3	0	6	2	8	1	2							2	3	-8	-5	-3	-4	2	2	3	4	-5	-5	-2	-4	
146				-3	-20	-9	-13	-10	-50	-9	-4	-2	-2	-3	-2	2	0	-1	-1	-2	-2	-4	-2	-1	2	75	1	1	
166					20	-20	23	23					10	4	30	-5	-43	-3	-30	-34					0	1	1	3	
169	62	45	38	28	3	-2	3	3	61	35	11	0	0	-1	1	1	-1	-2	-1	0	-2	-3	-3	1	10	8	9	9	
171	9	8	9	8	6	6	6	5	-3	-4	-3	-4	-6	-7	-6	-6	0	0	0	0	-1	-1	-1	-1	7	7	9	9	
174					-40	-58	-55	-41					-13	-42	-44	-45	-56	-16	-41	-20									
178	-10	7	5	-3	-14	11	-17	14	83	-22	-4	-7	7	-1	-4	13	-4	2	9	8	-15	0	-4	3	-20	-3	-1	2	
179							50	43							2	1									-19	-15	-13	-12	
181		-50	1	-2	-57	-20	0	1			-50		-6	-6	-5	-69	-2	-4	-1	0	3	-6	7	3	-3	-6	-3	1	
185																													
189																													
193	0	0	0	0	57	11	0	14				0	-7	-11	-9	-8									2	0	1	-1	
198																													
201																										-29	-27	-23	-23
203																													
205	2	5	3	-1	14	3	8	6	-1	0	1	1	3	2	3	3	30	21	17	14	3	0	3	3	11	10	10	10	

 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