

## Parametry statystyczne zawartości pierwiastków chemicznych w wodach powierzchniowych Polski

Statistical parameters of chemical elements contents in surface water of Poland

Wody powierzchniowe Surface water	Para- metry Para- meters	Al mg/dm <sup>3</sup>	As mg/dm <sup>3</sup>	B mg/dm <sup>3</sup>	Ba µg/dm <sup>3</sup>	Ca mg/dm <sup>3</sup>	Cd µg/dm <sup>3</sup>	Co µg/dm <sup>3</sup>	Cr µg/dm <sup>3</sup>	Cu µg/dm <sup>3</sup>	Fe mg/dm <sup>3</sup>	K mg/dm <sup>3</sup>	Li mg/dm <sup>3</sup>	Mg mg/dm <sup>3</sup>	Mn µg/dm <sup>3</sup>	Na mg/dm <sup>3</sup>	Ni µg/dm <sup>3</sup>	P mg/dm <sup>3</sup>	Pb mg/dm <sup>3</sup>	SiO <sub>2</sub> mg/dm <sup>3</sup>	SO <sub>4</sub> mg/dm <sup>3</sup>	Sr µg/dm <sup>3</sup>	Ti µg/dm <sup>3</sup>	V µg/dm <sup>3</sup>	Y µg/dm <sup>3</sup>	Zn µg/dm <sup>3</sup>
Granica oznaczalności Detection limit		0.1	0.04	0.02	1	1	3	5	5	5	0.02	1	0.02	0.1	1	1	8	0.04	0.03	0.3	1	1	5	8	0.5	5
Wody powierzchniowe (ogółem) Surface water as a whole n = 12 955	a	<0.1	<0.04	<0.02	<1	3	<3	<5	<5	<5	<0.02	<1	<0.02	0.2	<1	<1	<8	<0.04	<0.03	<0.3	2	4	<5	<8	<0.5	<5
	b	1.2	6.77	12.87	3470	6400	238	136	4445	3732	438.72	473	2.78	833.8	120 956	5723	1326	4112.01	1.87	549.9	7085	26 078	350	1848	9.2	16 414
	c	0.1	<0.04	0.04	55	79	<3	<5	<5	<5	0.52	5	<0.02	11.5	107	16	<8	0.19	<0.03	10.2	58	263	<5	<8	<0.5	36
Małe ciekły (bez nazwy) Small streams (unnamed) n = 3744	a	<0.1	<0.04	<0.02	<1	3	<3	<5	<5	<5	<0.02	<1	<0.02	0.2	<1	<1	<8	<0.04	<0.03	0.4	2	4	<5	<8	<0.5	<5
	b	1.2	0.16	12.87	3470	6400	238	85	122	32 975	438.72	329	2.11	833.8	120 956	5723	347	45.12	1.87	83.1	7085	26 078	76	243	6.6	13 198
	c	0.1	<0.04	0.04	61	92	<3	<5	<5	<5	0.67	6	<0.02	12.3	140	17	<8	0.22	<0.03	13.5	70	283	<5	<8	<0.5	41
Małe zbiorniki bez nazwy Small reservoirs (unnamed) n = 454	a	<0.1	<0.04	<0.02	4	4	<3	<5	<5	<5	<0.02	<1	<0.02	0.6	<1	<1	<8	<0.04	<0.03	<0.3	3	12	<5	<8	<0.5	<5
	b	1.2	1.71	7.92	1723	739	23	136	238	994	13.70	473	2.78	267,2	16 829	4283	102	4112.01	1.15	549.9	3747	25 998	<5	<8	5.0	6512
	c	0.2	<0.04	0.06	56	66	<3	<5	<5	<5	0.48	9	<0.02	11.8	128	20	<8	0.20	<0.03	4.5	66	249	<5	<8	<0.5	39
Jezióra Lakes n = 1139	a	<0.1	<0.04	<0.02	9	5	<3	<5	<5	<5	<0.02	<1	<0.02	0.7	2	3	<8	<0.04	<0.03	<0.3	4	17	<5	<8	<0.5	<5
	b	0.9	0.10	0.63	1060	477	21	5	251	156	27.87	144	0.21	141.5	2156	1180	112	18.09	0.42	40.2	929	2033	36	8	1.4	16 414
	c	<0.1	<0.04	0.03	37	54	<3	<5	<5	<5	0.18	5	<0.02	9.9	45	12	<8	0.09	<0.03	3.0	46	164	<5	<8	<0.5	25
Stawy rybne Fish ponds n = 40	a	<0.1	<0.04	<0.02	15	9	<3	<5	<5	<5	0.16	<1	<0.02	0.9	16	3	<8	0.04	<0.03	0.6	8	30	<5	<8	<0.5	8
	b	1.0	0.10	0.27	213	191	<3	31	18	661	6.55	19	0.05	28.7	3154	260	46	1.92	0.29	41.0	280	2159	21	<8	1.5	403
	c	0.2	<0.04	0.03	63	50	<3	<5	<5	6	1.09	5	<0.02	7.7	169	13	<8	0.21	0.04	3.0	42	210	<5	<8	<0.5	55
Kanały Canals n = 321	a	<0.1	<0.04	<0.02	15	32	<3	<5	<5	<5	0.06	<1	<0.02	1.4	11	2	<8	<0.04	<0.03	0.7	11	91	<5	<8	<0.5	<5
	b	1.0	0.05	5.21	559	607	4	15	45	138	23.09	94	0.62	208.5	4522	1734	40	11.49	0.43	46.4	1683	3261	37	10	3.1	1273
	c	0.1	<0.04	0.06	65	96	<3	<5	<5	<5	0.58	6	<0.02	14.7	148	29	<8	0.24	<0.03	10.4	75	376	<5	<8	<0.5	36

a – minimum; b – maksimum; c – średnia geometryczna; n – liczba próbek;  
 minimum maximum geometric mean number of samples