

Table VI-10. The concentrations of the elements in the world average river water ( $\mu\text{g/l}$ ) and river suspended particles ( $\mu\text{g/g}$ ).

	River water C( $\mu\text{g/l}$ )	River particles X( $\mu\text{g/g}$ )	log X/C ( $\text{cm}^3/\text{g}$ )		River water C( $\mu\text{g/l}$ )	River particles X( $\mu\text{g/g}$ )	log X/C ( $\text{cm}^3/\text{g}$ )
Ag-47	0.3 ?	0.07*	2.37	N-7	375 m	1000*	3.4
Al-13	50	94000	6.27	Na-11	5300	7100	3.13
As-33	1.7	5	3.1	Nb-41			
Au-79	0.002 ?	0.0025*	3.1	Nd-60	0.04	35	5.94
B-5	18	70	3.59	Ni-28	0.5	90	5.26
Ba-56	60	600	4	Os-76			
Be-4	0.009 me	3*	5.52	P-15	25 m	1150	4.66
Bi-83				Pb-82	0.1	100	6
Br-35	20	5	2.4	Pd-46			
C-6	11500	12000*	3.02	Pr-59	0.007	8	6.06
Ca-20	13300	21500	3.21	Pt-78			
Cd-48	0.02	1	4.7	Ra-88	2.3E-8 mo		
Ce-58	0.08	95	6.07	Rb-37	1.5	100	4.82
Cl-17	7800 t	180*	1.36	Re-75			
Co-27	0.2	20	5	Rh-45			
Cr-24	1	100	5	Ru-44			
Cs-55	0.035	6	5.23	S-16	3700 t	2400*	2.81
Cu-29	1.5	100	4.82	Sb-51	0.07 a	2.5	4.55
Dy-66				Sc-21	0.004	18	6.65
Er-68	0.004	3	5.88	Se-34	0.06 me	0.6*	4
Eu-63	0.001	1.5	6.18	Si-14	5000	285000	4.76
F-9	100	740*	3.87	Sm-62	0.008	7	5.94
Fe-26	40	48000	6.08	Sn-50			
Ga-31	0.09	25	5.44	Sr-38	60	150	3.4
Gd-64	0.008	5	5.8	Ta-73	0.002	1.3	5.81
Ge-32	0.005 f	1.6*	5.51	Tb-65	0.001	1	6
Hf-72	0.01	6	5.78	Te-52			
Hg-80				Th-90	0.04	14	5.54
Ho-67	0.001	1	6	Ti-22	10	5600	5.75
I-53	7 t	19*	3.43	Tl-81			
In-49				Tm-69	0.001	0.4	5.6
Ir-77				U-92	0.24	3	5.34
K-19	1500	20000	4.12	V-23	0.76 s	170	5.34
La-57	0.05	45	5.95	W-74	0.03 t	1.8*	4.78
Li-3	12	25	3.32	Y-39		30	
Lu-71	0.001	0.5	5.7	Yb-70	0.004	3.5	5.94
Mg-12	3100	11800	3.58	Zn-30	0.7 s	350	5.7
Mn-25	8.2	1050	5.11	Zr-40			
Mo-42	0.5	3	3.78				

Data sources: Martin and Whitfield (1981), indicated otherwise. a: Andreae et al. (1981), f: Froelich and Andreae (1980), m: Meybeck (1982), me: Measures and Edmond (1983), Measures and Burton (1980), mo: Moore and Scott (1986), s: Shiller and Boyle (1985, 1987), t: Turekian (1971); data with asterisk are from Table VI-5.