

TABLE IV. ISOTHERMAL COMPRESSIBILITY

Element	$\Delta V/V_0 = aP + bP^2 + cP^3$				Pressure range $P \times 10^3$ (kg/cm ²)	Ref.
	$-a \times 10^7$	$b \times 10^{12}$	$-c \times 10^{15}$	$\sigma \times 10^4$		
3 Li	84.83	158.0	2.936 ^a	—	0-40	1
4 Be	9.772	3.921	—	0.99	0-40	2
5 B	5.48 ^b	0.64 ^b	—	—	0-12	3
6 C(g)	29.01	30.50	—	1.36	0-25	4
6 C(d)	1.80	—	—	—	0-30	5
11 Na	141.9	373.4	7.390 ^c	—	0-40	1
11 Na	145.9 ^d	381 ^d	5.1 ^d	—	0-20	6
12 Mg	27.68	13.82	—	0.56	0-30	7
13 Al	13.59	4.864	—	0.27	0-30	8
14 Si	9.924	2.442	—	0.23	0-30	8
15 P(w)	209	—	—	—	0-0.5	9
15 P(r)	51.13 ^b	100.4 ^b	—	1.86	0-12	10
15 P(b)	32.23	25.66	—	4.42	0-40	11
16 S(r ⁷) ^e	100.8 ^e	204.9 ^e	1.64 ^e	11.34	0-50	12
16 S(r)	55.0 ^f	—	—	—	—	13
19 K	308.7	1870	71.40 ^g	—	0-40	1
20 Ca	64.51	74.36	0.46	6.62	0-40	14
22 Ti	9.328	2.358	—	1.85	0-30	8
23 V	6.057 ^b	1.02 ^b	—	—	0-12	10
24 Cr	5.154 ^b	0.63 ^b	—	—	0-12	10
25 Mn	16.44	8.125	—	15.97	0-100	11
26 Fe	5.826	0.798	—	2.69	0-30	8, 15, 16
27 Co	5.122	0.473	—	0.22	0-30	8
28 Ni	5.26 ^b ^e	0.54 ^b ^e	—	—	0-12	17
29 Cu	7.490	2.018	—	0.08	0-30	8, 18
30 Zn	16.39	7.575	—	0.76	0-30	8
31 Ga	17.2 ^{f, A}	—	—	—	—	19
32 Ge	12.70	3.588	—	0.22	0-30	8
33 As	24.89	28.11	—	0.90	0-25	4
34 Se	107.8	193.9	1.38	4.01	0-50	12
37 Rb	311.9	1524	39.87 ⁱ	—	0-40	1
38 Sr	84.48	111.2	—	18.74	0-25	14
39 Y	26.79	14.22	—	7.60	0-40	5
40 Zr	11.77	4.484	—	2.10	0-40	2
41 Nb	5.761 ^j	0.886 ^j	—	0.19	0-30	8
42 Mo	3.598	0.158	—	0.10	0-30	8
44 Ru	3.057	-0.821	—	0.16	0-30	8
45 Rh	3.626	0.180	—	0.07	0-30	8
46 Pd	5.423 ^k	2.358 ^k	—	0.15	0-15	8
47 Ag	9.740	0.330	—	0.50	0-30	8
48 Cd	20.98	12.20	—	1.13	0-25	4, 20
49 In	23.87 ^l	12.90 ^l	—	1.01	0-50	12
50 Sn(g)	8.83	—	—	—	—	21
50 Sn(w)	18.10	8.259	—	0.46	0-30	8
51 Sb	25.62	16.19	—	1.21	0-30	8
52 Te	42.60	38.38	—	2.91	0-30	8
55 Cs	483.3	4226	221.1 ^f	—	0-20	1
56 Ba	95.2	92.4	—	0	0-17	14
57 La	40.37	34.88	—	1.86	0-23.4	2
58 Ce(α)	^{m, n}	^{m, n}	—	76.0	7.72-100	2, 11
58 Ce(γ)	40.97 ^o	-94.00 ^o	4.53 ^o	0.98	0-7.72	2
59 Pr	32.08	13.03	—	38.15	0-40	2
60 Nd	30.02	15.60	—	5.22	0-40	2
62 Sm	33.36	18.57	—	6.54	0-40	22
63 Eu	66.63	45.76	—	15.85	0-12.4	23
64 Gd	25.59	14.98	—	0.85	0-40	24
65 Tb	24.6	—	—	—	—	25
66 Dy	25.52	13.14	—	3.50	0-40	22