

Heat capacity of liquid water from 0 °C to 100 °C

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Featured software

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Worksheets Generators for Maths and Chemistry	www.vaxasoftware.com/pc/index.html
Acid-base equilibrium calculator	www.vaxasoftware.com/soft_eduen/abew.html
Statistics and Probability tools for Windows	www.vaxasoftware.com/soft_eduen/statool.html

Temp. °C	Heat capacity		Temp. °C	Heat capacity		Temp. °C	Heat capacity	
	<u>kJ</u> K·kg	<u>kcal</u> K·kg		<u>kJ</u> K·kg	<u>kcal</u> K·kg		<u>kJ</u> K·kg	<u>kcal</u> K·kg
0 (ice)	1.960	0.468	34	4.178	0.999	68	4.189	1.001
0	4.217	1.008	35	4.178	0.999	69	4.189	1.001
1	4.213	1.007	36	4.178	0.999	70	4.190	1.001
2	4.210	1.006	37	4.178	0.999	71	4.190	1.001
3	4.207	1.005	38	4.178	0.999	72	4.191	1.002
4	4.205	1.005	39	4.179	0.999	73	4.192	1.002
5	4.202	1.004	40	4.179	0.999	74	4.192	1.002
6	4.200	1.004	41	4.179	0.999	75	4.193	1.002
7	4.198	1.003	42	4.179	0.999	76	4.194	1.002
8	4.196	1.003	43	4.179	0.999	77	4.194	1.002
9	4.194	1.002	44	4.179	0.999	78	4.195	1.003
10	4.192	1.002	45	4.180	0.999	79	4.196	1.003
11	4.191	1.002	46	4.180	0.999	80	4.196	1.003
12	4.189	1.001	47	4.180	0.999	81	4.197	1.003
13	4.188	1.001	48	4.180	0.999	82	4.198	1.003
14	4.187	1.001	49	4.181	0.999	83	4.199	1.004
15	4.186	1.000	50	4.181	0.999	84	4.200	1.004
16	4.185	1.000	51	4.181	0.999	85	4.200	1.004
17	4.184	1.000	52	4.182	1.000	86	4.201	1.004
18	4.183	1.000	53	4.182	1.000	87	4.202	1.004
19	4.182	1.000	54	4.182	1.000	88	4.203	1.005
20	4.182	1.000	55	4.183	1.000	89	4.204	1.005
21	4.181	0.999	56	4.183	1.000	90	4.205	1.005
22	4.181	0.999	57	4.183	1.000	91	4.206	1.005
23	4.180	0.999	58	4.184	1.000	92	4.207	1.005
24	4.180	0.999	59	4.184	1.000	93	4.208	1.006
25	4.180	0.999	60	4.185	1.000	94	4.209	1.006
26	4.179	0.999	61	4.185	1.000	95	4.210	1.006
27	4.179	0.999	62	4.186	1.000	96	4.211	1.006
28	4.179	0.999	63	4.186	1.000	97	4.212	1.007
29	4.179	0.999	64	4.187	1.001	98	4.213	1.007
30	4.178	0.999	65	4.187	1.001	99	4.214	1.007
31	4.178	0.999	66	4.188	1.001	100	4.216	1.008
32	4.178	0.999	67	4.188	1.001	100 (gas)	2.080	0.497
33	4.178	0.999						