

Temperature (C)	Specific Heat (kJ/kg-C)	Source
25	3.552	1
27	3.556	1
47	3.617	1
67	3.693	1
87	3.782	1
107	3.878	1
127	3.978	1
147	4.078	1
167	4.173	1
181	4.233	1
182	4.379	1
187	4.374	1
200	4.43	2
207	4.357	1
227	4.341	1
247	4.324	1
250	4.354	2
267	4.307	1
287	4.29	1
300	4.27	2
307	4.273	1
327	4.256	1
347	4.24	1
350	4.25	2
367	4.223	1
387	4.206	1
400	4.23	1
427	4.177	1
450	4.187	2
477	4.173	1
500	4.178	2
527	4.169	1
550	4.174	2
577	4.166	1
600	4.17	2
627	4.162	1
650	4.166	2
677	4.157	1
727	4.155	1
777	4.151	1
827	4.148	1
877	4.144	1
927	4.141	1

Sources

1. T. B. Douglas, et al.,
"Lithium: Heat Content from 0 to 900°, Triple Point and Heat of Fusion,
and Thermodynamic Properties of the Solid and Liquid,"
J. Am. Chem. Soc., 77(8), pp. 2144-2150 (1955).
2. I. I. Novikov, et al.,
Thermophysical Properties of Liquid Alkali Metals at High Temperatures,
High Temperature, 7, pp. 65-68 (1969).
3. P. Y. Achener and D. L. Fischer,
Alkali Metals Evaluation Program:
The Specific Heat of Liquid Sodium and Lithium,"
Aerojet General Report AGN 8191, Vol. 6, (1967) N67-38991.