

Dataset contains evolution of the snow temperature within seasonal snowpack on Hansbreen. Fieldwork has been performed with several thermistors located at different levels (from snow surface to the bottom, on glacier ice) from April to July 2010 (during period of early and intensive surface melting). Study has been repeated in 2015, at the same location.

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**References:** Laska M., Luks B., Budzik T., 2016. Influence of snowpack internal structure on snow metamorphism and melting intensity on Hansbreen, Svalbard. Polish Polar Research, 37(2): 193–218. doi:10.1515/popore-2016-0012

### Data available on request

**Contact:** Michał Laska (University of Silesia, Poland) [michal.laska@us.edu.pl](mailto:michal.laska@us.edu.pl)

### Data sample:

Date/Time	Temperat	Temperat	Temperat	Temperat	Temperat	Temperat	Temperat	Temperat	Dew Point	Dew Point	RH (%) #1C
04/29/15 13:30:52,0	-8,099	17,421	-7,122	19,18	-5,605	21,912	-5,357	22,358	-7,1	19,22	87,6
04/29/15 13:40:52,0	-8,264	17,124	-7,187	19,064	-5,605	21,912	-5,202	22,636	-6,77	19,82	88,8
04/29/15 13:50:52,0	-8,364	16,945	-7,219	19,006	-5,574	21,968	-5,11	22,802	-6,58	20,16	89,5
04/29/15 14:00:52,0	-8,364	16,945	-7,219	19,006	-5,574	21,968	-5,049	22,913	-6,43	20,43	90,1
04/29/15 14:10:52,0	-8,364	16,945	-7,187	19,064	-5,574	21,968	-4,987	23,023	-6,31	20,64	90,5
04/29/15 14:20:52,0	-8,364	16,945	-7,187	19,064	-5,574	21,968	-4,957	23,078	-6,22	20,8	90,9
04/29/15 14:30:52,0	-8,364	16,945	-7,187	19,064	-5,574	21,968	-4,926	23,133	-6,15	20,93	91,2
04/29/15 14:40:52,0	-8,364	16,945	-7,155	19,122	-5,574	21,968	-4,895	23,188	-6,06	21,09	91,6
04/29/15 14:50:52,0	-8,331	17,005	-7,155	19,122	-5,542	22,024	-4,895	23,188	-6,02	21,17	91,9
04/29/15 15:00:52,0	-8,331	17,005	-7,122	19,18	-5,542	22,024	-4,865	23,243	-5,96	21,27	92,1
04/29/15 15:10:52,0	-8,331	17,005	-7,122	19,18	-5,542	22,024	-4,865	23,243	-5,93	21,32	92,3
04/29/15 15:20:52,0	-8,297	17,065	-7,122	19,18	-5,574	21,968	-4,865	23,243	-5,9	21,38	92,5
04/29/15 15:30:52,0	-8,297	17,065	-7,09	19,238	-5,542	22,024	-4,834	23,298	-5,84	21,48	92,7
04/29/15 15:40:52,0	-8,264	17,124	-7,09	19,238	-5,542	22,024	-4,834	23,298	-5,83	21,51	92,8
04/29/15 15:50:52,0	-8,264	17,124	-7,09	19,238	-5,542	22,024	-4,804	23,353	-5,79	21,59	92,9
04/29/15 16:00:52,0	-8,231	17,184	-7,09	19,238	-5,574	21,968	-4,804	23,353	-5,77	21,61	93
04/29/15 16:10:52,0	-8,231	17,184	-7,058	19,296	-5,542	22,024	-4,804	23,353	-5,73	21,69	93,3
04/29/15 16:20:52,0	-8,231	17,184	-7,058	19,296	-5,542	22,024	-4,804	23,353	-5,73	21,69	93,3
04/29/15 16:30:52,0	-8,165	17,303	-7,058	19,296	-5,542	22,024	-4,773	23,408	-5,67	21,79	93,5
04/29/15 16:40:52,0	-8,165	17,303	-7,058	19,296	-5,542	22,024	-4,773	23,408	-5,66	21,82	93,6
04/29/15 16:50:52,0	-8,132	17,362	-7,026	19,353	-5,542	22,024	-4,743	23,463	-5,61	21,9	93,7
04/29/15 17:00:52,0	-8,165	17,303	-7,026	19,353	-5,542	22,024	-4,743	23,463	-5,6	21,92	93,8
04/29/15 17:10:52,0	-8,165	17,303	-7,026	19,353	-5,542	22,024	-4,743	23,463	-5,58	21,95	93,9
04/29/15 17:20:52,0	-8,165	17,303	-7,026	19,353	-5,574	21,968	-4,743	23,463	-5,57	21,97	94
04/29/15 17:30:52,0	-8,165	17,303	-6,994	19,411	-5,574	21,968	-4,743	23,463	-5,57	21,97	94
04/29/15 17:40:52,0	-8,165	17,303	-6,994	19,411	-5,574	21,968	-4,743	23,463	-5,56	22	94,1
04/29/15 17:50:52,0	-8,165	17,303	-6,994	19,411	-5,574	21,968	-4,743	23,463	-5,54	22,02	94,2
04/29/15 18:00:52,0	-8,198	17,243	-6,994	19,411	-5,574	21,968	-4,743	23,463	-5,54	22,02	94,2
04/29/15 18:10:52,0	-8,198	17,243	-6,994	19,411	-5,542	22,024	-4,712	23,518	-5,5	22,1	94,3
04/29/15 18:20:52,0	-8,231	17,184	-6,994	19,411	-5,574	21,968	-4,682	23,573	-5,45	22,18	94,4
04/29/15 18:30:52,0	-8,231	17,184	-6,994	19,411	-5,574	21,968	-4,682	23,573	-5,45	22,18	94,4
04/29/15 18:40:52,0	-8,231	17,184	-6,994	19,411	-5,542	22,024	-4,682	23,573	-5,44	22,21	94,5
04/29/15 18:50:52,0	-8,231	17,184	-6,994	19,411	-5,574	21,968	-4,682	23,573	-5,44	22,21	94,5
04/29/15 19:00:52,0	-8,264	17,124	-6,962	19,469	-5,542	22,024	-4,682	23,573	-5,43	22,23	94,6
04/29/15 19:10:52,0	-8,297	17,065	-6,962	19,469	-5,542	22,024	-4,682	23,573	-5,43	22,23	94,6
04/29/15 19:20:52,0	-8,297	17,065	-6,962	19,469	-5,542	22,024	-4,682	23,573	-5,41	22,26	94,7
04/29/15 19:30:52,0	-8,297	17,065	-6,962	19,469	-5,542	22,024	-4,682	23,573	-5,4	22,28	94,8
04/29/15 19:40:52,0	-8,331	17,005	-6,962	19,469	-5,542	22,024	-4,651	23,628	-5,35	22,36	94,9