

Supplementary Material 2. Summary of mean temperatures with standard deviations (SD) from dataloggers at pika sites where trail cameras were set. Position indicates haypile surface or matrix (~0.75 m in talus subsurface) below haypiles. Summer, June 15-September 15; Winter, December 15-March 15. Summer night, 8 pm, midnight, 4am. Summer morning, 8 am. Summer afternoon, 4pm. Winter night, 4pm, 8 pm, midnight, 4am, 8am. Winter day, noon. Temperature was not measured at NMC2. Site names given in Table 1. Dashes, no data.

Site	Position	Annual (°C)			Summer (°C)										Winter Temps (°C)					
		Daily	SD	Range	Daily	SD	Night	SD	Morn- ing	SD	Noon	SD	After- noon	SD	Daily	SD	Night	SD	Day	SD
SER	surface	-	-	4, 36 ¹	17.7	6.8	15.7	5.2	11.6	2.7	20.1	3.2	27.4	5.6	-	-	-	-	-	-
SER	matrix	-	-	6, 22 ¹	13.8	2.4	14.2	2.5	12.7	2.1	13.2	2.1	14.4	2.5	-	-	-	-	-	-
EMM	surface	8.8	11.1	-15, 38	20.8	7.0	15.9	4.1	20.3	3.3	31.2	4.0	25.7	4.0	-2.3	4.0	-2.7	3.5	-0.3	5.2
EMM	matrix	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WMM	surface	4.9	9.3	-15, 30	16.7	4.6	15.9	3.9	13.6	3.2	18.4	3.2	21.9	3.8	-4.2	2.3	-4.1	2.3	-4.2	2.4
WMM	matrix	5.1	8.7	-6, 26	16.8	3.0	17.0	3.0	15.2	2.6	16.3	2.7	18.4	3.0	-2.9	0.9	-2.9	0.9	-2.9	0.9
RWB	surface	4.8	10.0	-19, 34	16.5	6.5	14.0	4.7	11.0	3.2	21.2	3.6	24.8	4.8	-4.3	3.5	-4.4	3.5	-3.7	3.5
RWB	matrix	4.9	8.9	-9, 29	16.6	4.3	16.0	3.8	12.8	2.9	17.0	2.9	21.4	3.5	-3.6	1.6	-3.5	1.8	-3.7	1.8
BJB	surface	3.3	8.6	-13, 29	16.7	6.1	12.8	3.6	13.0	5.1	20.6	5.5	22.5	5.3	-3.3	2.7	-3.3	2.7	-3.4	2.8
BJB	matrix	3.2	6.8	-10, 28	14.0	4.5	13.9	4.3	11.9	3.8	14.2	4.5	15.9	5.0	-1.9	1.9	-1.9	1.9	-1.9	1.9
STR	surface	5.4	9.0	-7, 38	17.6	5.7	14.7	3.3	16.2	3.6	25.6	6.3	19.6	3.7	-1.4	0.9	-1.4	0.9	-1.4	0.9
STR	matrix	4.7	7.9	-8, 37	16.7	4.2	15.9	3.2	14.3	2.9	19.5	5.7	18.8	3.5	-1.8	1.2	-1.8	1.2	-1.8	1.3
VRM	surface	6.4	9.1	-15, 36	18.6	5.8	14.5	3.4	22.4	4.5	25.2	5.0	20.3	3.5	-1.3	2.8	-1.5	2.5	-0.3	3.7
VRM	matrix	6.0	8.8	-13, 30	17.5	4.5	16.9	4.3	13.8	3.1	18.5	3.1	22.1	3.6	-1.9	2.4	-1.9	2.4	-2.0	2.4
VRC	surface	5.5	9.4	-12, 47	17.9	9.0	14.5	5.8	11.7	4.0	28.4	10.3	23.9	6.3	-0.6	2.6	-0.5	2.7	-0.6	2.5
VRC	matrix	4.8	7.0	-11, 26	12.5	9.2	12.1	5.8	9.9	5.0	13.6	5.6	15.3	6.1	-0.1	2.8	-0.1	2.8	-0.4	2.6
LUN	surface	8.5	9.5	-12, 35	20.8	4.4	20.3	3.6	16.8	2.8	22.1	4.3	24.9	4.2	-0.9	3.1	-0.9	3.1	-1.0	3.1
LUN	matrix	8.7	9.1	-11, 33	20.0	3.0	20.5	2.9	17.9	2.4	18.9	2.6	21.8	3.0	-0.7	3.4	-0.7	3.4	-1.0	3.2
NMC1	surface	8.4	9.2	-15, 31	17.7	5.7	13.5	2.6	17.3	2.6	25.7	2.9	23.1	3.3	-1.8	3.0	-2.2	3.6	0.5	4.6
NMC1	matrix	2.2	4.0	-16, 11	6.4	1.0	6.5	0.9	6.4	0.9	6.6	1.0	6.8	1.1	-3.5	3.8	-3.8	4.0	-2.9	3.5
PUM	surface	7.3	10.9	-15, 45	20.2	10.7	11.3	4.3	27.4	4.4	36.7	5.3	23.2	3.4	-2.8	4.3	-2.9	3.9	-2.0	5.8
PUM	matrix	1.7	5.4	-18, 19	7.2	1.4	6.9	1.0	6.6	1.2	8.0	1.9	7.9	1.4	-4.1	4.2	-4.1	4.2	-4.0	4.1

¹ Range is given for available data, summer only