

Supplementary material: Long-term climate trends and extreme events in Northern Fennoscandia (1914-2013)

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Table S1. The number of excluded months in the analyses of temperature and precipitation due to inadequate or missing data. Daily maximum temperature data from some of the stations do not cover the early years/decades of the selected study period. The Sihccajavri station was excluded from the maximum temperature analyses due to the lack of data in 1913-1954. Tromsø, Vardø, Svytaoy Nos and Ostrov Sosnovez with 2-17 years missing from the beginning of the study period were included in the maximum temperature analyses.

TMEAN		Number of excluded months (1914-2013)											
Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1 Abisko													
2 Sodankylä			1	1		1	1		1	1	1		
3 Sihccajavri	3	2	4	4	3	2	2	2	1	1	2	2	
4 Tromsø													
5 Vardø	1	1	1	1	1			2	1	1	1	1	
6 Teriberka	2	4	5	4	1	2	3	3	2	3	3	4	
7 Kandalaksa									1				
8 Svyatoy Nos	4	5	7	6	6	4	5	5	5	4	6	7	
9 Ostrov Sosnovez	4	4	3	3	4	1	1	2	4	7	6	8	
TMIN													
1 Abisko													
2 Sodankylä			2	1		1	1		1	1	1		
3 Sihccajavri	2	3	3	3	2	1	1	1	1	1	2	2	
4 Tromsø													
5 Vardø	1	1	1	1	1			2	1	1	1	2	
6 Teriberka	2	4	4	4	2	2	3	3	2	3	5	4	
7 Kandalaksa									1	2			
8 Svyatoy Nos	6	6	8	7	7	5	6	5	7	9	8	10	
9 Ostrov Sosnovez	3	4	3	3	4	1	1	2	4	8	6	8	
TMAX													
1 Abisko													
2 Sodankylä			2	1		1	1		1	1	1		
3 Sihccajavri (1955-)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	
4 Tromsø (1925-)	11	11	11	11	11	11	11	11	11	11	11	11	
5 Vardø (1931-)	22	22	22	20	20	20	20	22	21	21	21	22	
6 Teriberka	2	5	5	3	1	2	3	3	2	3	6	4	
7 Kandalaksa								2	2	2			
8 Svyatoy Nos (1917-)	8	9	11	9	9	9	8	8	8	7	9	8	
9 Ostrov Sosnovez (1916-)	7	7	6	6	6	4	4	4	6	9	8	10	
PREC													
1 Abisko													
2 Sodankylä	2	2	2	2		1	1		1	1	1		
3 Sihccajavri	2	2	2	3	2	1	1	1	1	1	1	2	
4 Tromsø													
5 Vardø	2	1	1	1	1	1	1	2	1	1	1	1	
6 Teriberka	10	10	15	14	7	5	5	4	2	4	11	11	
7 Kandalaksa	4	2	6	6	4	2	3	6	4	2	3	4	
8 Svyatoy Nos	9	11	12	11	9	7	5	8	5	7	9	11	
9 Ostrov Sosnovez	6	5	2	4	4	3	2	2	6	7	6	9	