

Temperature metric	PC1	PC2	PC3	PC4
M1. Mean annual temperature	0.99	-0.07	-0.05	-0.03
M2. Mean winter temperature	0.26	-0.92	0.14	0.00
M3. Mean spring temperature	0.91	-0.19	-0.25	0.04
M4. Mean summer temperature	0.97	0.21	-0.06	-0.05
M5. Mean August temperature	0.95	0.22	0.16	-0.10
M6. Mean fall temperature	0.96	-0.18	0.14	-0.08
M7. Minimum daily temperature	-0.02	-0.86	0.08	-0.02
M8. Minimum weekly average temperature	-0.03	-0.90	0.08	0.00
M9. Maximum daily temperature	0.95	0.26	0.09	-0.08
M10. Maximum weekly average temperature	0.95	0.25	0.09	-0.07
M11. Annual degree days	0.99	-0.07	-0.05	-0.03
V1. Annual standard deviation	0.90	0.41	0.01	-0.07
V2. Winter standard deviation	0.69	-0.54	0.16	0.00
V3. Spring standard deviation	0.71	0.30	-0.55	0.04
V4. Summer standard deviation	0.42	0.32	0.78	-0.14
V5. Fall standard deviation	0.87	0.39	0.19	-0.12
V6. Range in extreme daily temperatures	0.93	0.33	0.08	-0.07
V7. Range in extreme weekly temperatures	0.93	0.33	0.08	-0.07
F1. Frequency of hot days	0.47	-0.01	0.30	0.82
F2. Frequency of cold days	-0.70	0.61	0.09	0.11
T1. Date of 5 % of degree days	0.02	0.96	-0.10	0.01
T2. Date of 25 % of degree days	-0.43	0.74	0.46	-0.08
T3. Date of 50 % of degree days	-0.45	0.37	0.79	-0.16
T4. Date of 75 % of degree days	-0.19	-0.51	0.72	-0.19
T5. Date of 95 % of degree days	0.30	-0.88	0.12	-0.09
D1. Growing season length	0.03	-0.97	0.11	-0.03
D2. Duration of hot days	0.44	-0.03	0.32	0.84
D3. Duration of cold days	-0.64	0.66	0.07	0.11
Variance explained (%)	49.0 %	29.0 %	9.8 %	5.6 %
Cumulative variance (%)	49.0 %	78.0 %	87.8 %	93.4 %
Eigenvalue	13.73	8.12	2.74	1.56