

Table 1: Change of the mean annual temperature for selected European Stations. * Means value unreliable due to scattering data or lack of data.

© Gerd Esser, 2020. Data source: Deutscher Wetterdienst.

Station	Period	missing years before/after 1980	Slope [$^{\circ}\text{C}\cdot\text{a}^{-1}$]	
			before 1980	after 1980
<i>Greenland</i>				
Aasiaat	1952–2018	0/6	+0.000 ± 0.041	+0.165 ± 0.034
Danmarkshavn	1959–2019	1/2	+0.004 ± 0.028	+0.064 ± 0.010
Tasiilaq	1953–2018	1/2	−0.049 ± 0.018	+0.081 ± 0.011
<i>Iceland</i>				
Reykjavik	1949–2019	2/1	−0.020 ± 0.011	+0.050 ± 0.007
Akureyri	1954–2019	2/0	−0.040 ± 0.020	+0.042 ± 0.008
<i>Norway</i>				
Bjørnøya / Bear Island	1949–2019	0/3	−0.037 ± 0.028	+0.081 ± 0.013
Jan Mayen	1922–2019	0/0	−0.032 ± 0.007	+0.078 ± 0.009
Vardø	1949–2019	0/2	−0.015 ± 0.015	+0.053 ± 0.009
Bodø	1949–2019	2/1	+0.002 ± 0.015	+0.041 ± 0.008
Oslo–Blindern	1949–2019	1/2	+0.002 ± 0.015	+0.047 ± 0.012
<i>Sweden</i>				
Östersund–Frösön	1951–2019	0/1	+0.001 ± 0.021	+0.050 ± 0.014
Visby	1951–2019	0/1	+0.003 ± 0.016	+0.032 ± 0.010
<i>Finland</i>				
Sodankylä	1951–2019	0/0	−0.018 ± 0.026*	+0.065 ± 0.014
Kajaani Airport	1951–2019	0/1	−0.016 ± 0.024*	+0.056 ± 0.014
Jyväskylä Airport	1951–2019	0/0	−0.008 ± 0.022*	+0.053 ± 0.012
Helsinki–Vantaa Airport	1949–2019	0/1	−0.048 ± 0.018	+0.054 ± 0.012
<i>Latvia</i>				
Dobele	1950–2019	0/1	+0.000 ± 0.017	+0.041 ± 0.013
<i>Denmark</i>				
Aalborg Airport	1949–2019	3/1	+0.001 ± 0.014	+0.056 ± 0.013
<i>Ireland</i>				
Shannon	1951–2019	0/2	+0.018 ± 0.009	+0.005 ± 0.007*

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Table 1: European Stations, continued

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			before 1980	after 1980
Dublin Airport	1951–2019	0/2	$+0.014 \pm 0.008$	-0.007 ± 0.006
Valentia Observatory	1949–2019	0/0	-0.015 ± 0.007	$+0.011 \pm 0.005$
<i>United Kingdom</i>				
Belfast Airport	1951–2019	0/0	$+0.002 \pm 0.009$	$+0.026 \pm 0.006$
Stornoway Airport	1951–2019	0/0	-0.014 ± 0.009	$+0.030 \pm 0.006$
Aberdeen–Dyce	1949–2019	0/1	$+0.003 \pm 0.009$	$+0.031 \pm 0.006$
Eskdalemuir	1951–2019	1/1	-0.007 ± 0.010	$+0.029 \pm 0.007$
Waddington	1951–2019	1/0	$+0.004 \pm 0.010$	$+0.038 \pm 0.008$
<i>Netherlands</i>				
De Bilt	1951–2019	0/0	$+0.005 \pm 0.013$	$+0.040 \pm 0.009$
<i>Belgium</i>				
Brussels–Uccle	1951–2019	1/2	$+0.003 \pm 0.012$	$+0.038 \pm 0.009$
<i>Luxembourg</i>				
Luxembourg	1951–2019	1/2	-0.032 ± 0.013	$+0.055 \pm 0.010$
<i>Germany</i>				
Hamburg Airport	1951–2019	0/0	$+0.004 \pm 0.014$	$+0.037 \pm 0.010$
Rostock–Warnemünde	1951–2019	0/0	-0.002 ± 0.014	$+0.048 \pm 0.010$
Lindenberg (Oder–Spree)	1951–2019	1/0	$+0.007 \pm 0.015$	$+0.051 \pm 0.011$
Leipzig–Halle Airport	1951–2019	0/0	-0.010 ± 0.014	$+0.043 \pm 0.011$
Görlitz	1951–2019	0/0	$+0.007 \pm 0.015$	$+0.045 \pm 0.011$
Geisenheim	1962–2019	0/2	$+0.004 \pm 0.025$	$+0.048 \pm 0.009$
Nürnberg	1954–2019	0/0	$+0.022 \pm 0.012$	$+0.038 \pm 0.010$
Stuttgart–Schnarrenberg	1954–2019	0/10	$+0.028 \pm 0.010$	$+0.045 \pm 0.010$
Hohenpeißenberg	1839–2019	2/0	$+0.006 \pm 0.001$	$+0.041 \pm 0.010$
Zugspitze	1953–2019	0/0	-0.018 ± 0.015	$+0.036 \pm 0.009$
<i>Switzerland</i>				
Zürich–Fluntern	1950–2019	0/0	-0.016 ± 0.013	$+0.041 \pm 0.008$
Lugano	1951–2019	1/0	-0.010 ± 0.009	$+0.048 \pm 0.005$
<i>Austria</i>				
Innsbruck	1951–2019	2/0	$+0.001 \pm 0.012$	$+0.034 \pm 0.007$

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			before 1980	after
Salzburg	1951–2019	1/0	$+0.007 \pm 0.013$	$+0.031 \pm 0.009$
Wien	1951–2019	0/0	-0.005 ± 0.013	$+0.047 \pm 0.009$
Klagenfurt	1951–2019	0/0	-0.013 ± 0.011	$+0.074 \pm 0.007$
Graz	1951–2019	0/0	-0.016 ± 0.013	$+0.057 \pm 0.009$
Sonnblick Observatory	1952–2019	0/0	-0.000 ± 0.013	$+0.038 \pm 0.007$
<i>Czech Republic</i>				
Praha Airport	1950–2019	0/0	-0.011 ± 0.013	$+0.052 \pm 0.010$
Ostrava Airport	1951–2019	0/0	$+0.007 \pm 0.015$	$+0.049 \pm 0.010$
<i>Hungary</i>				
Debrecen	1970–2019	0/1	$+0.005 \pm 0.059^*$	$+0.055 \pm 0.009$
<i>France</i>				
Brest–Guipavas	1950–2019	0/1	$+0.005 \pm 0.008$	$+0.024 \pm 0.007$
Nantes–Bouguenais	1950–2019	0/0	-0.006 ± 0.011	$+0.040 \pm 0.001$
Bourges	1950–2019	0/2	-0.027 ± 0.011	$+0.038 \pm 0.008$
Strasbourg–Entzheim Airport	1950–2019	0/0	-0.001 ± 0.012	$+0.051 \pm 0.008$
Bordeaux–Mérignac	1949–2019	0/2	-0.004 ± 0.010	$+0.052 \pm 0.001$
Toulouse–Blagnac	1950–2019	2/2	$+0.006 \pm 0.010$	$+0.046 \pm 0.001$
Perpignan	1950–2019	2/0	-0.018 ± 0.009	$+0.048 \pm 0.008$
Marseille–Marignane Airport	1950–2019	1/0	$+0.007 \pm 0.008$	$+0.046 \pm 0.007$
<i>Spain</i>				
La Coruña	1954–2019	2/0	-0.001 ± 0.010	$+0.037 \pm 0.005$
Valladolid	1954–2019	2/1	$+0.002 \pm 0.012^*$	$+0.023 \pm 0.008$
Madrid–Barajas	1953–2019	4/10	-0.039 ± 0.015	$+0.067 \pm 0.012$
Menorca Airport	1954–2018	2/2	-0.043 ± 0.011	$+0.039 \pm 0.008$
<i>United Kingdom</i>				
Gibraltar	1960–2019	1/0	-0.015 ± 0.014	$+0.009 \pm 0.004$
<i>Italy</i>				
Pisa	1951–2019	2/6	-0.057 ± 0.009	$+0.027 \pm 0.006$
Messina	1961–2019	2/3	-0.008 ± 0.011	$+0.014 \pm 0.005$
<i>Malta</i>				

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Luqa	1954–2019	2/2	-0.011 ± 0.009	$+0.021 \pm 0.005$
<i>Greece</i>				
Thessaloniki Airport	1951–2019	2/2	-0.035 ± 0.009	$+0.049 \pm 0.007$
Larissa Airport	1951–2019	2/2	-0.052 ± 0.012	$+0.050 \pm 0.006$
Kerkyra Airport	1951–2019	2/0	-0.019 ± 0.008	$+0.040 \pm 0.006$
Athens Observatory	1949–2019	2/2	-0.011 ± 0.009	$+0.053 \pm 0.007$
Heraklion Airport (Crete)	1951–2019	4/0	-0.024 ± 0.011	$+0.051 \pm 0.006$
<i>Russian Federation</i>				
Kanin Nos	1951–2019	3/6	$-0.009 \pm 0.030^*$	$+0.062 \pm 0.016$
Moskow	1881–2019	4/0	$+0.016 \pm 0.003$	$+0.049 \pm 0.011$