

Table 4: Change of the mean annual temperature for selected Central and South American Stations. * Means value unreliable due to missing or scattering data.

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Station	Period	missing before/after 1980	Slope [$^{\circ}\text{C}\cdot\text{a}^{-1}$]	
			before 1980	after
<i>Bahamas</i>				
Nassau Airport	1955–2019	11/10	-0.021 ± 0.014	$+0.038 \pm 0.006$
<i>Jamaica</i>				
Kingston Airport	1955–2019	5/5	$+0.013 \pm 0.014^*$	$+0.020 \pm 0.009^*$
<i>Puerto Rico</i>				
San Juan Airport	1951–2019	5/6	$+0.061 \pm 0.007$	$+0.013 \pm 0.005$
<i>Honduras</i>				
La Mesa, San Pedro Sula	1955–2019	7/26	$+0.049 \pm 0.013$	$-0.037 \pm 0.011^*$
Tegucigalpa	1952–2019	9/23	$+0.019 \pm 0.007$	$-0.022 \pm 0.012^*$
<i>Guadeloupe</i>				
Le Raizet Aéroport	1960–2019	11/7	$+0.040 \pm 0.009$	-0.016 ± 0.008
<i>Barbados</i>				
Grantley Adams Internat. Airport	1955–2018	2/4	$+0.006 \pm 0.005$	$+0.019 \pm 0.005$
<i>Curaçao</i>				
Hato Internat. Airport	1955–2019	1/0	$+0.005 \pm 0.008$	$+0.013 \pm 0.004$
<i>Trinidad and Tobago</i>				
Piarco Internat. Airport	1955–2019	5/6	-0.045 ± 0.012	$+0.032 \pm 0.005$
<i>Venezuela</i>				
Maracay Tacarigua Airport	1950–2015	2/10	$+0.003 \pm 0.008$	$+0.036 \pm 0.009$
Barcelona Gral. Anzoátegui Airport	1955–2015	6/12	$+0.007 \pm 0.013$	$+0.037 \pm 0.013$
Mérida	1950–2014	2/9	$+0.029 \pm 0.011$	$+0.029 \pm 0.007$
San Fernando de Apure	1951–2014	8/22	-0.019 ± 0.010	$+0.036 \pm 0.014$
Ciudad Bolívar	1951–2014	8/18	$+0.006 \pm 0.012^*$	$+0.013 \pm 0.015^*$
<i>Suriname</i>				
Zanderij, J. A. Pegel Airport	1957–2019	11/23	$+0.013 \pm 0.022^*$	$+0.001 \pm 0.007$
<i>Brazil</i>				

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Table 4: Central and South American Stations, continued

Station	Period	missing before/after 1980	Slope [$^{\circ}\text{C}\cdot\text{a}^{-1}$]	
			before 1980	after
Manaus (Amazonas)	1956–2019	10/16	+0.013 \pm 0.013*	+0.040 \pm 0.007
Belem (Pará)	1949–2019	9/4	+0.007 \pm 0.005	+0.036 \pm 0.004
São Luiz (Maranhão)	1952–2012	20/7	−0.016 \pm 0.006*	+0.035 \pm 0.007
Fortaleza (Ceará)	1951–2018	22/11	−0.023 \pm 0.016*	+0.020 \pm 0.005
Quixeramobim (Ceará)	1952–2019	8/17	−0.026 \pm 0.013*	+0.006 \pm 0.010
Cuiabá (Mato Grosso)	1949–2019	7/17	−0.005 \pm 0.008	+0.033 \pm 0.005
Caravelas (Bahia)	1951–2015	7/10	+0.030 \pm 0.009	+0.012 \pm 0.008
Aracaju (Sergipe)	1951–2019	12/10	+0.025 \pm 0.008	+0.009 \pm 0.006
Belo Horizonte (Minas Gerais)	1951–2019	8/13	+0.010 \pm 0.015*	+0.022 \pm 0.006
São Paulo	1956–2019	4/4	+0.009 \pm 0.017*	+0.043 \pm 0.005
Porto Alegre (Rio Grande do Sul)	1952–2019	3/11	−0.011 \pm 0.012*	+0.022 \pm 0.008
Sta. Vitória do Palmar (Rio Grande do Sul)	1953–2019	14/5	+0.008 \pm 0.015*	+0.024 \pm 0.006
<i>Perú</i>				
Piura	1957–2019	11/16	−0.039 \pm 0.020*	+0.011 \pm 0.018*
Chiclayo	1956–2019	8/14	+0.010 \pm 0.039*	+0.022 \pm 0.014
Iquitos	1950–2019	7/18	—	+0.009 \pm 0.004*
Trujillo	1953–2019	9/17	+0.009 \pm 0.043*	+0.009 \pm 0.023*
Pucallpa	1953–2019	8/18	—	+0.024 \pm 0.008*
Pisco	1950–2019	6/16	+0.009 \pm 0.014*	+0.019 \pm 0.007
Arequipa	1950–2019	6/13	—	+0.020 \pm 0.010
Tacna	1953–2019	8/21	—	+0.008 \pm 0.017*
<i>Bolivia</i>				
Cochabamba	1957–2019	12/16	+0.021 \pm 0.030*	−0.007 \pm 0.012*
Santa Cruz de la Sierra, El Trompillo Airp.	1957–2019	7/22	−0.002 \pm 0.019*	−0.002 \pm 0.009*
Concepción (Santa Cruz)	1957–2019	11/25	—	−0.003 \pm 0.012*
<i>Chile</i>				
Arica	1952–2019	6/0	+0.021 \pm 0.015	−0.001 \pm 0.010*
Antofagasta	1955–2019	5/0	+0.008 \pm 0.013*	−0.015 \pm 0.007
La Serena	1952–2019	9/3	+0.006 \pm 0.011	−0.000 \pm 0.006
Isla de Pascua, Rapa Nui	1959–2019	4/2	−0.006 \pm 0.014*	+0.010 \pm 0.005
Isla Juan Fernández	1952–2019	10/2	−0.012 \pm 0.007*	−0.007 \pm 0.005

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<i>Paraguay</i>				
Puerto Casado	1956–2019	10/21	$-0.024 \pm 0.024^*$	$+0.046 \pm 0.014$
Villarica	1955–2019	6/15	-0.031 ± 0.020	$+0.034 \pm 0.008$
Encarnación	1955–2019	7/13	-0.024 ± 0.020	$+0.029 \pm 0.007$
<i>Uruguay</i>				
Salto	1959–2016	3/11	$+0.072 \pm 0.029^*$	-0.022 ± 0.010
<i>Argentina</i>				
La Quiaca	1953–2019	10/18	$+0.004 \pm 0.009^*$	$+0.040 \pm 0.006$
Salta Airport	1953–2019	7/4	$+0.033 \pm 0.020$	$+0.013 \pm 0.006$
Santiago del Estero Airport	1954–2019	13/12	$+0.079 \pm 0.033$	$+0.010 \pm 0.010$
Posadas Airport	1953–2019	12/6	$+0.024 \pm 0.003$	$+0.027 \pm 0.007$
La Rioja Airport	1953–2019	11/6	$+0.055 \pm 0.022$	$+0.010 \pm 0.009$
San Juan Airport	1953–2019	9/7	$+0.051 \pm 0.019$	$+0.009 \pm 0.007$
Córdoba Airport	1950–2019	10/8	$+0.008 \pm 0.019^*$	-0.014 ± 0.009
Concordia Airport	1953–2019	8/7	$+0.009 \pm 0.011^*$	$+0.005 \pm 0.007$
Mendoza Airport	1950–2019	9/4	$+0.049 \pm 0.021$	$+0.019 \pm 0.007$
San Luis Airport	1954–2019	11/8	$+0.050 \pm 0.023$	$+0.008 \pm 0.009$
Rosario Airport	1951–2019	12/4	$+0.020 \pm 0.011$	$+0.022 \pm 0.006$
Santa Rosa Airport	1951–2019	12/8	$+0.007 \pm 0.028^*$	$+0.016 \pm 0.009$
Mar del Plata Airport	1950–2019	14/6	$+0.044 \pm 0.016$	$+0.006 \pm 0.006$
Bariloche Airport	1957–2019	13/11	-0.006 ± 0.025	$+0.018 \pm 0.008$
Trelew Airport	1953–2019	12/7	$+0.026 \pm 0.015$	$+0.017 \pm 0.007$
Rio Gallegos Airport	1955–2019	16/6	$+0.068 \pm 0.034^*$	-0.006 ± 0.008
Ushuaia Airport	1953–2019	19/16	$-0.039 \pm 0.043^*$	$+0.002 \pm 0.012^*$