TABLE 1. WINTER CLIMATIC CONDITIONS[a]—(CONTINUED)

Col. 1 State	Col. 2 Station[b]	Col. 3 Elevation[c] ft	Col. 4 Period of Record[d]	Col. 5 Lowest Temp. on Record[d] °F	Col. 6 Average Annual Min. Temp.[e] °F	Col. 7 Avg. Winter Temp.[f] °F	Col. 8 Design Dry-Bulb Temp. on TAC 97½% Basis[g] °F	Col. 9 Wind. Vel. at Design Temp.[h] Mph	Col. 10 Design Dry-Bulb Temp. in Common Use[i] °F	Col. 11 Avg. Wind Vel. Dec. Jan. Feb. Mph
Ore.	Medford A	1343	1929–1947	−3			23	4.3	10	7.3
	Portland C	98	1874–1947	−2	18	46.1				
	Portland A	25	1940–1947	3		44.3	22	8.0	10	3.9
	Roseburg C	523	1877–1947	−6	19	46.7				
Pa.	Curwensville A	2219	1943–1947	−10		33.7	0	13.5	−5	13.6
	Erie C	771	1873–1946	−16	−3	37.3				
	Erie A	736	1935–1939[e]				6	12.1	0	7.6
	Harrisburg C	335[c]	1888–1938[e]	−14	3	39.9				
	Harrisburg A	339	1935–1939[e]				7	9.0	0	11.0
Pa.	Philadelphia C	200	1871–1947	−11	6	42.7				
	Philadelphia A	18	1940–1947	1		41.4			0	11.6
	Pittsburgh C	929	1875–1947	−20	−2	40.9				
	Pittsburgh A	1284	1935–1947	−16		38.7	6	12.1	0	9.0
	Reading C	311	1913–1947	−14		41.2	9[m]		−5	7.6
	Scranton C	877	1901–1947	−19		37.7				
	Sunbury A	448	1935–1939[e]				7	7.1	0	20.6
R. I.	Block Island C	46	1881–1947	−10		40.1			0	12.1
	Providence C	77	1904–1947	−17	1	37.5			15	10.5
S. C.	Charleston C	59	1871–1947	7	22	57.4				
	Charleston A	51	1940–1947	14		55.0	26	6.9	10	8.0
	Columbia C	401	1887–1947	−2	19	54.4				
	Columbia A	227	1939–1947	9					10	8.4
	Greenville C	1006[c]	Up to 1946	−5		49.2			−20	10.7
S. D.	Huron C	1342	1881–1938	−43	−26	28.2				
	Huron A	1287	1938–1947	−30					−20	8.0
	Rapid City C	3309	1887–1947	−34	−21	33.4				
	Rapid City A	3220	1939–1947	−27					10	7.7
Tenn.	Chattanooga C	952	1879–1947	−10	9	50.3				
	Chattanooga A	675	1940–1947	6		47.8	19	6.2	0	7.2
	Knoxville C	1024	1871–1942	−16	2	47.9				
	Knoxville A	1007	1942–1947	1		46.8			0	9.3
	Memphis C	348	1872–1941	−9	9	51.1				
	Memphis A	267	1941–1947	1		50.0	19	8.9	0	9.8
	Nashville C	714	1871–1947	−13	5	48.5				
	Nashville A	610	1939–1947	−15			14	7.3	15	10.1
Texas.	Abilene C	1748	1885–1944	−6		53.9			−5	
	Abilene A	1756	1940–1947	−9			20	10.4	−10	12.1
	Amarillo C	3686	1892–1941	−16	0	45.2				
	Amarillo A	3595	1941–1947	−7			11	12.9	20	8.3
	Austin C	625	1897–1942	−1		58.4				
	Austin A	625	1942–1947	13					30	10.4
	Brownsville C	140	1922–1943	12	29	66.8				
	Brownsville A	25	1943–1947	30					20	11.0
	Corpus Christi C	21	1887–1942[e]	11		63.7				
	Corpus Christi A	45	1943–1946[e]	23					0	10.6
	Dallas C	732	1913–1940	−3	13	55.6				
	Dallas A	520	1940–1947	5			23	8.8	15	8.0
	Del Rio C	1020	1905–1947	12		60.6			10	9.0
	El Paso C	3792	1880–1942	−5	16	53.5				
	El Paso A	3956	1939–1947	11			26	8.6	10	10.5
	Fort Worth C	708	1898–1939[e]	−8	12	55.1				
	Fort Worth A	728	1940–1947	4					20	11.2
	Galveston C	128	1871–1947	8		61.7				
	Galveston A	9	1939–1947	14					20	10.5
	Houston C	198	1888–1947	5	22	61.0				
	Houston A	73	1932–1947	5		60.1	33	9.2	15	8.0
	Palestine C	555	1881–1947	−6		57.1			20	10.7
	Port Arthur C	64	1917–1947	11		61.2				
	Port Arthur A	21	1944–1947	24					20	8.3
	San Antonio C	770	1885–1941	4	21	60.6				
	San Antonio A	800	1942–1947	17			32	7.6		
	Waco A	513	1931–1947	7			26	11.6		
	Wink A	2811	1935–1939[e]				23	8.5		
Utah.	Milford A	5095	1935–1939[e]	−17			−2	7.7	−15	9.0
	Modena C	5472	1901–1947	−32	−15	36.3			−10	7.8
	Salt Lake City C	4346	1874–1947	−20	−2	40.0				
	Salt Lake City A	4254	1928–1947	−30		38.3	7	7.4	−10	11.6
Vt.	Burlington C	409	1884–1943	−29	−17	31.5				
	Burlington A	335	1943–1944	−23					10	14.0
Va.	Cape Henry C	24	1874–1947	5		49.2			5	8.1
	Lynchburg C	644	1874–1944	−7	8	46.8				
	Lynchburg A	951	1944–1947	7					15	12.1
	Norfolk C	91	1871–1947	2	15	49.3			15	8.1
	Richmond C	180	1897–1947	−3	10	47.0				
	Richmond A	172	1929–1947	−12			15	7.1		
	Roanoke A	1194	1935–1939[e]				21	8.2		
Wash.	Ellensburg A	1731	1935–1939[e]			36.2	1	3.8		

TABLE 1. WINTER CLIMATIC CONDITIONS[a]—(CONTINUED)

Col. 1 State	Col. 2 Station[b]	Col. 3 Elevation[c] ft	Col. 4 Period of Record[d]	Col. 5 Lowest Temp. on Record[d] °F	Col. 6 Average Annual Min. Temp.[e] °F	Col. 7 Avg. Winter Temp.[f] °F	Col. 8 Design Dry-Bulb Temp. on TAC 97½% Basis[g] °F	Col. 9 Wind Vel. at Design Temp[h] Mph	Col. 10 Design Dry-Bulb Temp. in Common Use[i] °F	Col. 11 Avg. Wind. Vel. Dec. Jan. Feb. Mph
Wash.	North Head C	199	1884–1947	11	24	46.4			20	16.1
	Seattle C	104	1890–1947	3	20	46.3			15	9.8
	Seattle A	47	1928–1947	3		45.1	24	6.3		
	Spokane C	2030	1881–1941	−30	−5	37.7			−15	6.2
	Spokane A	1974	1941–1947	−7			4	5.1		
	Tacoma C	279	1897–1947	7		44.9			15	8.0
	Tatoosh Is. C	110	1883–1947	7		45.4			15	18.9
	Yakima C	1160	1938–1946	−24		39.8			−5	4.1
	Yakima A	1066	1944–1947	−4						
W. Va.	Elkins C	1969[c]	1898–1944	−28	−8	39.4			−10	6.2
	Parkersburg C	685	1888–1947	−27	−1	42.9			−10	7.2
Wisc.	Green Bay C	598	1886–1947	−36	−18	29.8			−20	10.5
	La Crosse C	725	1872–1947	−43	−21	31.7			−25	9.3
	La Crosse A	677	1943–1947	−28		30.5	−17	6.9		
	Madison C	1008	1858–1947	−29		31.4			−15	10.1
	Madison A	884	1935–1939[d]				−8	9.1		
	Milwaukee C	744	1870–1947	−25	−12	33.4			−15	12.1
	Milwaukee A	707	1927–1947	−29		29.0	−6	11.9		
Wyo.	Cheyenne C	6144	1873–1935	−38	−18	33.6			−15	13.3
	Cheyenne A	6161	1935–1947	−34			−3	11.1		
	Lander C	5448	1891–1946	−40	−12	30.0			−18	3.9
	Lander A	5568	1946–1947	−14						
	Rock Springs A	6746	1932–1942	−33		30.1	−7	9.1		

Prov. of Canada	Col. 2 Station[b]	Col. 3 Elevation[c] ft	Col. 4 Period of Record[d]	Col. 5 Lowest Temp. on Record[d] °F	Col. 6 Average Annual Min. Temp.[e] °F	Winter Design Temp[n] 1% °F	2½% °F	5% °F	10% °F	Avg. Wind. Vel.[o] Mph
Alta.	Calgary A	3540[c]	1921–1950	−46	−31	−35	−29	−25	−16	10.1
	Edmonton A	2219[c]	1921–1950	−55	−39	−39	−33	−29	−21	7.6
	Grande Prairie A	2190[c]	1942–1950	−62	−47	−43	−39	−34	−27	7.9
	Lethbridge A	3018[c]	1921–1950	−45	−32	−38	−32	−28	−19	15.0
	McMurray A	1216[c]	1921–1950	−64	−51	−48	−42	−37	−30	
	Medicine Hat A	2365[c]	1921–1950	−49	−34	−41	−35	−31	−22	9.0
B. C.	Estevan Point C	20[c]	1924–1950	7	22	14	17	21	27	9.9
	Fort Nelson A	1230[c]	1938–1950	−61	−47	−42	−38	−33	−28	3.7
	Penticton A	1121[c]	1921–1950	−16	−1	−14	−6	−1	4	
	Prince George A	2218[c]	1921–1950	−58	−42	−43	−32	−25	−16	7.2
	Prince Rupert C	170[c]	1921–1950	−3	12	5	8	12	18	8.0
	Vancouver A	22[c]	1938–1950	0	13	8	11	15	21	7.7
	Victoria C	228[c]	1921–1950	6	20	12	15	19	25	12.3
Man.	Brandon C	1200[c]	1921–1950	−49	−40	−36	−32	−28	−24	
	Churchill A	115[c]	1932–1950	−50	−43	−43	−42	−40	−37	14.7
	The Pas A	894[c]	1921–1950	−54	−42	−43	−39	−30	−26	6.4
	Winnipeg A	786[c]	1921–1950	−44	−35	−33	−29	−25	−21	12.0
N. B.	Campbellton C	42[c]	1938–1950	−31		−14	−11	−8	−3	
	Fredericton C	164[c]	1923–1950	−38	−24	−9	−6	−3	2	9.2
	Moncton A	248[c]	1921–1950	−36	−23	−11	−8	−5	0	14.9
	Saint John C	119[c]	1921–1950	−21	−12	−6	−3	0	5	13.8
Nfld.	Corner Brook C	40[c]	1933–1950	−25	−12	−4	−1	2	6	
	Gander A	482[c]	1937–1950	−16	−10	−6	−3	0	4	17.2
	Goose Bay A	144[c]	1942–1950	−35	−30	−29	−26	−24	−20	10.3
	St. John's A	463[c]	1926–1950	−10	−2	−1	1	4	7	19.3
N.W.T.	Aklavik C	30[c]	1927–1950	−62	−42	−50	−46	−43	−39	
	Fort Norman C	300[c]	1925–1950	−65	−54	−46	−42	−39	−35	
	Frobisher A	68[c]	1942–1950	−49	−44	−51	−47	−43	−39	
	Resolute C	56[c]	1948–1950	−55	−53	−45	−42	−40	−36	9.2
	Yellowknife A	682[c]	1942–1950	−60	−51	−49	−47	−45	−41	
N.S.	Halifax C	83[c]	1921–1950	−21	−6	0	4	7	11	9.6
	Halifax A	136[c]	1944–1950	−11		−3	2	5	9	12.4
	Sydney A	197[c]	1921–1950	−23	−9	−7	1	4	8	13.1
	Yarmouth A	136[c]	1921–1950	−11	1	4	7	10	13	13.5
Ont.	Fort William A	644[c]	1921–1950	−41	−29	−30	−24	−20	−15	9.6
	Hamilton C	303[c]	1939–1950	−17	−6	−4	0	5	10	
	Kapuskasing A	752[c]	1921–1950	−53	−42	−34	−30	−27	−22	10.0
	Kingston C	340[c]	1921–1950	−31	−17	−15	−11	−6	−1	10.8
	Kitchener C	1100[c]	1921–1950	−29	−11	−8	−3	2	7	
	London A	912[c]	1921–1950	−27	−11	−5	−1	3	8	11.9