

TABLE 1. WINTER CLIMATIC CONDITIONS*—(CONTINUED)

STATE	COL. 2 STATION ^b	COL. 3 ELEVATION ^c FT	COL. 4 PERIOD OF RECORD ^d	COL. 5 LOW- EST TEMP. ON REC- ORD ^d °F	COL. 6 AVER- AGE AN- NUAL TEMP. ^e °F	COL. 7 AVG. WINTER TEMP. ^f °F	COL. 8 DESIGN DRY- BULB TEMP. ON TAC 97% 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
Ill.	Chicago	A 615	1935-1939*	-19	-6	35.1	-3	11.7	-10	11.7
	Moline	A 594	1935-1939*	-20	-8	34.6	-6	10.8	-10	10.8
	Peoria	A 660	1935-1939*	-20	-8	37.3	-6	10.7	-10	8.3
	Springfield	C 603	1879-1947	-24	-7	39.8	-2	11.6	-10	11.9
Ind.	Evansville	A 608	1939-1947	-19		37.7				9.6
	Fort Wayne	C 464	1897-1940	-16	1	45.1			-10	10.1
	Helmer	C 885	1911-1941	-24		37.6				
	Indianapolis	A 970	1935-1939*	-25	-6	39.6	-1	11.5	-10	11.3
	Indianapolis	A 800	1932-1946*	-18		39.0	2	11.4		10.2
	Terre Haute	C 1146	1893-1946*	-18	-5	41.7				
Iowa	Terre Haute	A 589		-11						7.9
	Charles City	C 1023	1891-1945*	-34	-22	31.2			-15	10.5
	Davenport	C 648	1872-1947	-27	-13	37.0			-15	10.1
	Des Moines	C 805	1879-1945*	-30		36.4				
	Des Moines	A 979	1935-1939*			35.4	-8	14.5		7.1
	Dubuque	C 740	1874-1947	-32	-17	34.6			-20	8.3
	Keokuk	C 637	1871-1945*	-27	-12	39.3				11.5
	Sioux City	C 1093	1889-1944	-35	-20	32.6			-20	11.5
	Sioux City	A 1098	1940-1946*	-24						7.7
Kan.	Concordia	C 1425	1885-1947	-25	-13	40.7			-10	10.6
	Dodge City	C 2515	1942-1947	-26	-10	41.4			-10	9.2
	Dodge City	A 2599	1874-1942	-26		42.1			-10	12.4
	Topeka	C 921	1887-1947	-25						
	Topeka	A 883	1946-1947	-21						
	Wichita	C 1497	1888-1939	-23	-4	43.6			-10	12.4
	Wichita	A 1423	1939-1947	-10			6	14.7		9.8
Ky.	Louisville	C 563	1871-1947	-20	-5	45.1			0	9.8
	Louisville	A 544	1937-1947	-15		43.9	9	8.8		8.6
La.	New Orleans	C 85	1874-1947	7	26	61.6			20	8.8
	New Orleans	A 8	1937-1947	19		60.6	36	12.8		12.6
Maine	Shreveport	A 179	1935-1939*	-23	16	31.5	27	8.9	-10	10.4
	Eastport	C 100	1875-1947	-21	-15	33.8			-5	8.2
	Portland	C 70	1885-1940	-31	-6	33.0				12.4
	Portland	A 66	1940-1947	-39		44.3			0	14.8
Md.	Baltimore	C 114	1871-1947	-7	8	44.1	13	8.9	0	13.4
	Baltimore	A 43	1935-1939*	-18	-3	38.1	8	12.3	0	14.8
Mass.	Boston	C 356	1870-1935*	-14		39.3			0	11.0
	Boston	A 45	1936-1947	-6						12.0
	Nantucket	C 48	1886-1947	12	-12	29.6			-10	9.5
	Nantucket	A 48	Up to 1946	-28	-11	36.5	4*	11.0	-10	12.1
Mich.	Alpena	C 615	1900-1933	-24						9.8
	Detroit	C 632	1935-1939*	-32		27.3			-10	10.5
	Escanaba	C 645	1878-1945*	-24		36.0			-10	9.8
	Grand Rapids	C 706	1891-1946*	-25		34.0			-10	10.5
	Lansing	C 861	1910-1947	-10	-13	28.3			-20	8.9
	Lansing	A 863	1940-1947	-27	-22	26.0			-25	13.4
	Marquette	C 721	1874-1947	-37	-28	24.3				
Minn.	Sault St. Marie	C 724	1889-1942*	-41						
	Duluth	C 1183	1874-1947	-41						
	Duluth	A 1413	1941-1947	-33	-23	29.4			-20	11.3
	Minneapolis	C 945	1890-1947	-31	-25	29.0			-20	9.5
	Minneapolis	A 873	1938-1947	-41	-18		-15	9.9		6.3
	St. Paul	C 951	1871-1933	-26	15	54.8			10	8.3
	St. Paul	A 708	1937-1947	-6		56.8			10	8.9
Miss.	Meridian	C 410	1889-1947	-7	18	53.6			-10	8.9
	Meridian	A 298	1939-1947	-1		42.3			-10	10.3
	Vicksburg	C 316	1874-1947	-10		41.1				11.8
	Vicksburg	A 266	1941-1947	-26	-6	41.5				11.0
Mo.	Columbia	C 739	1889-1947	-18	-2	43.6			0	11.8
	Columbia	A 787	1939-1947	-22		42.3	2	10.6		11.0
	Kansas City	C 780	1889-1940	-19	-5	34.9			-25	12.4
	Kansas City	A 780	1935-1939*	-30		30.7			-20	
	St. Louis	C 646	1871-1947	-34		27.0	-18	4.8		9.4
	St. Louis	A 597	1930-1947	-52	-36	28.4			-30	7.4
	Springfield	C 1270	1935-1939*	-42	-24	31.6			-20	9.4
Mont.	Billings	A 3584	1935-1939*	-34	-17	31.6			-35	5.6
	Butte	C 5700	1894-1931	-52	-30	29.0				5.6
	Butte	A 5538	1931-1947	-57	-49	27.6				10.6
	Havre	C 2498	1880-1947	-42	-13	37.0				
	Helena	C 4175	1880-1940*	-34						
	Kalispell	C 3004	1897-1947	-49						
	Miles City	C 2400	1892-1942*	-29						
	Miles City	A 2623	1935-1939*	-29						
Neb.	Lincoln	C 1189	1887-1947	-29	-13	37.0				

TABLE 1. WINTER CLIMATIC CONDITIONS*—(CONTINUED)

COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7	COL. 8	COL. 9	COL. 10	COL. 11
STATE	STATION ^b	ELEVATION ^c	PERIOD OF RECORD ^d	LOW-EST TEMP. ON REC. ORD ^d	AVERAGE ANNUAL TEMP. ^e	AVG. WINTER TEMP. ^f	DESIGN DRY-BULB TEMP. ON TAC 97% BASIS ^g	WIND. VEL. AT DESIGN TEMP. ^h	DESIGN DRY-BULB TEMP. IN COMMON USE ⁱ	AVG. WIND. VEL. DEC. JAN. FEB. J ⁱ
		FT		°F	°F	°F	°F	MPH	°F	MPH
Neb.	Lincoln	A 1185	1933-1947	-26		35.6	-2	12.7		
	North Platte	C 2815	1874-1947	-35	-17	35.4			-20	7.9
	North Platte	A 2788	1935-1939*				-9	10.7		
	Omaha	C 1219	1873-1935	-32	-14	36.4			-10	9.7
	Omaha	A 1009	1935-1947	-21			-8	11.5		
	Valentine	C 2627	1889-1947	-38	-22	33.6	-4	4.0	-25	9.2
Nev.	Elko	A 5079	1935-1939				23	6.3		
	Las Vegas	A 1882	1937-1947		16	53.8	0		-5	6.0
	Reno	C 4588	1905-1942	-8		41.7				
	Reno	A 4417	1940-1947	-16			7	3.6		
N. H.	Winnemucca	C 4293	1871-1947	-36	-10	38.0			-15	8.1
	Concord	C 343	1871-1941	-35	-15	33.2			-15	6.2
	Concord	A 359	1941-1947	-37						
N. J.	Atlantic City	C 45	1874-1947	-9	6	42.3			5	15.8
	Camden	A 20	1935-1939*				12	9.5	0	
	Newark	C 15	1931-1947	-14			10	11.6	0	
	Sandy Hook	C 19	1914-1938*	-11		41.2			0	16.1
	Trenton	C 144	1866-1946	-14	2	42.0			0	10.9
N. M.	Albuquerque	C 5022	1931-1933	5		44.3			0	7.3
	Albuquerque	A 5319	1933-1947	-6			16	7.1		
	El Morro	A 7120	1940-1947	-25	-19		-6	4.6		
	Rodeo	A 4116	1935-1939*			51.4	25	8.4		
	Roswell	C 3643	1905-1947	-29		49.1			-10	7.1
N. Y.	Tucumcari	A 4054	1935-1939*				13	9.2		
	Albany	C 114	1874-1947	-24	-11	35.2			-10	10.5
	Albany	A 280	1938-1947	-22			0	9.6		
	Binghamton	C 915	1891-1946	-23	-11	34.7			-10	6.8
	Binghamton	A 836	1942-1947	-17						
	Buffalo	C 693 ^c	1873-1945*	-20	-4	34.8			-5	17.1
	Buffalo	A 726	1935-1939*				3	14.0		10.5
	Canton	C 458	1889-1947	-43	-26	29.5			-25	11.3
	Elmira	A 948	1935-1939*	-24	-10	34.9			-15	16.8
	Ithaca	C 858	1879-1937	-14	-3	41.1			-10	9.6
	New York	C 425	1871-1947	-3						
	Oswego	C 363	1871-1943	-23	-9	34.4			-5	9.6
	Rochester	C 609	1872-1947	-22	-4	35.1				
	Rochester	A 560	1935-1939*	-16			4	11.9		11.2
	Syracuse	C 465	1928-1940	-24		34.8			-10	9.5
	Syracuse	A 404	1940-1947	-26			-1	8.9		7.3
N. C.	Asheville	C 2280	1902-1947	-6	6	46.1			0	
	Charlotte	C 809	1878-1947	-5	12	50.6			10	
	Charlotte	A 757	1939-1947	-3			22	7.5		
	Greensboro	C 896	1928-1947	-7		46.4	17	7.8		
	Raleigh	C 405	1944-1947	-2	13	50.0			10	7.9
	Raleigh	A 446	1935-1939*				20	8.5		
N. D.	Wilmington	C 78	1871-1947	5	18	54.6			15	9.4
	Bismark	C 1675	1875-1940	-45	-31	25.3			-30	9.1
	Bismark	A 1655	1940-1947	-38		22.9	-24	7.1		
	Devils Lake	C 1481	1904-1947	-46	-33	21.7			-30	10.1
	Dickinson	A 2599	1935-1939*			25.6	-20	12.4		
	Fargo	A 900	1935-1939*				-25	10.9	-25	
	Pembina	C 830	1935-1939*				-30	11.9		
Ohio	Williston	C 1919	1879-1947	-50		24.5			-35	8.6
	Akron	C 1887	1887-1931*	-20		37.3			-5	
	Akron	A 1040	1935-1939*				9	10.6		8.5
	Cincinnati	C 772	1870-1947	-17	-2	43.0			0	
	Cincinnati	A 488	1931-1947	-14			7	8.0		14.7
	Cleveland	C 669	1871-1946*	-17	-2	37.2			0	
	Cleveland	A 813	1930-1946*	-5			6	13.8		11.6
	Columbus	C 812	1878-1946*	-20		40.4			-10	
	Columbus	A 820	1936-1947	-15	-3	38.2			0	11.1
	Dayton	C 1086	1883-1943	-28		40.4				
	Dayton	A 1002	1940-1947	-11						11.0
	Sandusky	C 608	1878-1946*	-16		38.0			0	
	Toledo	C 668	1871-1947	-16	-5	37.2			-10	12.1
Okla.	Toledo	A 626	1940-1947	-13		35.7				
	Ardmore	C 762	1935-1939*				4	12.1		
	Okla. City	A 1264	1890-1947	-17	2	47.9	18	9.7		11.5
	Okla. City	A 1311	1939-1947	-10			14	14.7		
	Tulsa	A 656	1932-1947	-5		49.0	13	11.3	0	
Ore.	Waynoka	A 1529	1935-1939*				10	11.3		
	Arlington	C 881	1935-1939*				7	7.8		
	Baker	C 3501	1880-1947	-25	-17	35.2			-5	5.6
	Baker	A 3374	1939-1947	-19		33.8				
	Eugene	C 366	1890-1942*	-4		45.9	3	6.4	15	
	Eugene	A 368	1942-1947	9		45.4	23	5.3		
	Medford	C 1428 ^c	1911-1929	-10		44.7			5	4.3