

TABLE 1. WINTER CLIMATIC CONDITIONS^a—(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 FT	PERIOD OF RECORD ^d	LOW- EST TEMP. ON REC- ORD ^d °F	AVER- AGE AN- NUAL TEMP. °F	AVG. WIN- TER TEMP. °F	DESIGN DRY- BULB TEMP. ON TAC 97% BASIS ^e °F	WIND VEL. AT DESIGN TEMP. MPH	DESIGN DRY- BULB TEMP. IN COMMON USE ^f °F	AVG. WIND VEL. DEC. JAN. FEB. MPH
Ill.	Chicago	A 615	1935-1939*			35.1	-3	11.7		
	Moline	A 594	1935-1939*			34.6	-6	10.8		
	Peoria	A 660	1935-1939*			37.3	6	10.7		8.3
	Springfield	C 603	1879-1947	-24	-7	39.8			-10	11.9
Ind.	Springfield	A 608	1930-1947	-19		37.7	-2	11.6		
	Evansville	C 464	1897-1940	-16	1	45.1				9.6
	Fort Wayne	C 835	1911-1941	-24		37.6			-10	10.4
	Helmer	A 970	1935-1939*				-1	11.5		
	Indianapolis	C 818	1871-1946*	-25	-6	39.6			-10	11.3
	Indianapolis	A 800	1932-1946*	-18		39.0	2	11.4		
	Terre Haute	C 1146	1893-1946*	-18	-5	41.7				10.2
Iowa	Terre Haute	A 589		-11						
	Charles City	C 1023	1891-1945*	-34	-22	31.2		7.9		
	Davenport	C 648	1872-1947	-27	-13	37.0		10.5		
	Des Moines	C 805	1878-1945*	-30		36.4		10.1		
	Des Moines	A 979	1935-1939*			35.4	-8	14.5		
	Dubuque	C 740	1874-1947	-32	-17	34.6		7.1		
	Keokuk	C 537	1871-1945*	-27	-12	39.3		8.3		
	Sioux City	C 1093*	1889-1944	-35	-20	32.6		11.5		
	Sioux City	A 1098	1940-1946*	-24						
Kan.	Concordia	C 1425	1885-1947	-25	-13	40.7		7.7		
	Dodge City	C 2515	1942-1947	-26	-10	41.4		10.6		
	Dodge City	A 2599	1874-1942	-26				9.2		
	Topeka	C 991	1887-1947	-25		42.1		10		
	Topeka	A 883	1946-1947	-21				12.4		
	Wichita	C 1497	1888-1939	-22	-4	43.6		9.8		
	Wichita	A 1423	1939-1947	-10			6	14.7		
Ky.	Louisville	C 563	1871-1947	-20	-5	45.1		0		
	Louisville	A 544	1937-1947	-15		43.9	9	8.8		
La.	New Orleans	C 8	1874-1947	7	26	61.6		20	8.6	
	New Orleans	A 8	1937-1947	19		60.6	36	12.8		
Maine	Shrewsbury	A 179	1873-1947	-21	-16	33.8	27	8.9		
	Portland	C 100	1885-1940	-23	-15	31.5		10	12.6	
	Portland	A 66	1940-1947	-39	-6	33.0		10.4		
Md.	Baltimore	C 114	1871-1947	-7	8	44.3		0	8.2	
	Baltimore	A 43	1935-1939*			44.1	13	8.9		
Mass.	Boston	C 356	1870-1935*	-18	-3	38.1		0	12.4	
	Boston	A 45	1936-1947	-14			8	12.3		
	Nantucket	C 45	1886-1947	-6		39.3		0	14.8	
	Nantucket	A 48	1946-1947	12						
Mich.	Alpena	C 615	Up to 1946	-28	-12	29.6		-10	11.0	
	Detroit	C 1000	1873-1933	-24	-11	36.5		-10	12.0	
	Detroit	A 632	1935-1939*				4*	11.0		
	Escanaba	C 645	1879-1945*	-32		27.3		-15	9.5	
	Grand Rapids	C 706	1891-1946*	-24		36.0		-10	12.1	
	Lansing	C 861	1910-1947	-25		34.0		-10	9.8	
	Lansing	A 863	1940-1947	-10						
	Marquette	C 721	1874-1947	-27	-13	28.3		-10	10.6	
	Sault St. Marie	C 724*	1888-1942*	-37	-22	26.0		-20	8.9	
Minn.	Duluth	C 1133	1874-1947	-41	-28	24.3		-25	13.4	
	Duluth	A 1413	1941-1947	-33				-20	11.3	
	Minneapolis	C 945	1890-1947	-34	-23	29.4		-20	11.3	
	Minneapolis	A 873	1938-1947	-31				-20	9.5	
	St. Paul	C 951	1871-1933	-41	-25	29.0		-20	9.5	
	St. Paul	A 708	1937-1947	-26	-18		-15	9.9		
Miss.	Meridian	C 410	1889-1947	-6	15	54.8		10	6.3	
	Meridian	A 298	1939-1947	-7						
	Vicksburg	C 316	1874-1947	-1	18	56.8		10	8.3	
	Vicksburg	A 266	1941-1947	10		53.6				
Mo.	Columbia	C 739	1889-1947	-26		42.3		-10	8.9	
	Columbia	A 787	1939-1947	-18		41.1		-10	10.3	
	Kansas City	C 741*	1889-1940	-22	-6	41.5		-10	10.3	
	Kansas City	A 780	1935-1939*				2	10.6		
	St. Louis	C 646	1871-1947	-22	-2	43.6		0	11.8	
	St. Louis	A 597	1930-1947	-19		42.3	3	10.8		
	Springfield	A 1270	1935-1939*	-5			8	11.0		
Mont.	Billings	C 3584	1935-1939*	-30	-30	34.9	-17	9.1	-25	12.4
	Butte	C 5700*	1894-1931	-34		30.7		-20		
	Butte	A 5538	1931-1947	-52		27.0	-18	4.8		
	Havre	C 2498	1899-1947	-57	-36	28.0		-30	9.4	
	Helena	C 4175*	1880-1940*	-42	-24	31.6		-20	7.4	
	Kalispell	C 3004	1897-1947	-34	-17	31.6		-20	5.2	
	Miles City	C 2400	1892-1942*	-49	-30	29.0		-35	5.6	
	Miles City	A 2629*	1935-1939*			27.6	-18	8.4		
Neb.	Lincoln	C 1189	1887-1947	-29	-13	37.0		-10	10.6	

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STATE	STATION ^b	ELEVATION ^c	PERIOD OF RECORD ^d	LOWEST TEMP. ON RECORD ^d	AVERAGE ANNUAL MIN. 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
		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			-25	9.2
Nev...	Elko	A 5079	1935-1939				-4	4.0		
	Las Vegas	A 1882	1937-1947	8	16	53.8	23	5.3		
	Reno	C 4588	1905-1942	-19		41.7	0		-5	6.0
	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		
	Newark	A 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
	Tucumcari	A 4054	1935-1939*				13	9.2		
N. Y...	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	-28	-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		
	Canton	C 458	1889-1947	-43	-26	29.5			-25	10.5
	Elmira	A 948	1935-1939*				5	8.0		
	Ithaca	C 888	1879-1937	-24	-10	34.9			-15	11.3
	New York	C 425	1871-1947	-14	-3	41.1			0	16.8
	Oswego	C 363	1871-1943	-23	-9	34.4			-10	12.1
	Rochester	C 609	1872-1947	-22	-4	35.1			-5	9.6
	Rochester	A 580	1935-1939*	-16			4	11.9		
	Syracuse	C 465	1928-1940	-24		34.8			-10	11.2
	Syracuse	A 404	1940-1947	-26			-1	8.9		
N. C...	Asheville	C 2280	1902-1947	-6	6	46.1			0	9.5
	Charlotte	C 809	1878-1947	-5	12	50.6			10	7.3
	Charlotte	A 757	1939-1947	-3			22	7.5		
	Greensboro	A 896	1928-1947	-7		46.4	17	7.8	10	
	Raleigh	C 405	1944-1947	-2	13	50.0			10	7.9
	Raleigh	A 446	1935-1939*				20	8.5		
	Wilmington	C 78	1871-1947	5	18	54.6			15	9.4
N. D...	Bismarck	C 1675	1875-1940	-45	-31	25.3			-30	9.1
	Bismarck	A 1655	1940-1947	-38		22.9		7.1	-30	10.1
	Devils Lake	C 1481	1904-1947	-46	-33	21.7			-30	
	Dickinson	A 2599	1935-1939*			25.6	-20	12.4		
	Fargo	A 900	1935-1939*	-25			-25	10.9	-25	
	Pembina	A 830	1935-1939*	-30			-30	11.9		
	Williston	C 1919	1879-1947	-50		24.5			-35	8.6
Ohio...	Akron	C 104	1887-1931*	-20		37.3			-5	
	Akron	A 104	1935-1939*				9	10.6		
	Cincinnati	C 772	1870-1947	-17	-2	43.0			0	8.5
	Cincinnati	A 488	1931-1947	-14			7	8.0	0	14.7
	Cleveland	C 669	1871-1946*	-17	-2	37.2			0	
	Cleveland	A 813	1930-1946*	-5			6	13.8		
	Columbus	C 812	1878-1946*	-20		40.4			-10	11.6
	Columbus	A 820	1939-1947	-15	-3	38.2	4	10.5	0	11.1
	Dayton	C 1086	1883-1943	-23		40.4			0	
	Dayton	A 1002	1940-1947	-11						
	Sandusky	C 608	1878-1946*	-16		38.0			0	11.0
	Toledo	C 668	1871-1947	-16	-5	37.2			-10	12.1
	Toledo	A 626	1940-1947	-13		35.7	4	12.1		
Okla...	Ardmore	A 762	1935-1939*				18	9.7		
	Oklahoma City	C 1264	1890-1947	-17	2	47.9			0	11.5
	Oklahoma City	A 1311	1939-1947	-10			14	14.7		
	Tulsa	A 686	1932-1947	-5		49.0	13	11.3	0	
	Waynoka	A 1529	1935-1939*				10	11.3		
Ore...	Arlington	C 381	1935-1939*				7	7.8		
	Baker	C 3501	1889-1947	-25	-17	35.2			-5	5.6
	Baker	A 3374	1939-1947	-19		33.8	3	6.4		
	Eugene	C 366	1890-1942*	-4		45.9			15	
	Eugene	A 368	1942-1947	9		45.4	23	5.3		
	Medford	C 1428 ^c	1911-1929	-10		44.7			5	4.3