

TABLE 2. SUMMER CLIMATIC CONDITIONS* (CONTINUED)
Suggested Design Wet-Bulb and Dry-Bulb Temperatures

COL. 1 STATE	COL. 2 STATION ^b	COL. 3 ELEVATION ^c Ft	COL. 4 PERIOD OF RECORD ^d	COL. 5 HIGHEST TEMP. EVER RECORDED ^d °F	COL. 6 DESIGN DRY-BULB TEMP. ON T.A.C. 2 1/2% BASIS ^e °F	COL. 7 DESIGN DRY-BULB TEMP. IN COMMON USE ^f °F	COL. 8 DESIGN WET-BULB TEMP. IN COMMON USE ^f °F	COL. 9 AVERAGE SUMMER WIND VELOCITY ^g MPH
Ill.	Peoria.....AP	660	1935-1939	111	94	96	76	8.1
	Springfield.....CO	603	1879-1947	110	98	98	77	7.1
	Springfield.....AP	608	1930-1947	109	96	95	77	7.1
Iad.	Evansville.....CO	464	1897-1940	108	95	95	78	7.8
	Fort Wayne.....CO	885	1911-1941 ^d	106	95	95	75	7.8
	Helmer.....AP	970	1935-1939	107	89	95	75	7.8
	Indianapolis.....CO	816	1871-1946	106	95	95	76	8.0
	Indianapolis.....AP	800	1932-1946	107	91	95	76	8.0
	Terre Haute.....CO	1146	1893-1946	110	95	95	78	8.0
Iowa	Terre Haute.....AP	589	1941-1946	103	95	95	78	8.0
	Davenport.....CO	648	1872-1947	111	95	95	78	8.0
	Des Moines.....AP	979	1935-1939	111	95	95	78	8.0
	Dubuque.....CO	740	1874-1947	110	95	95	78	8.0
	Keokuk.....CO	637	1872-1946	113	95	95	78	8.0
	Sioux City.....CO	1093 ^c	1889-1944 ^d	111	95	95	78	8.0
	Sioux City.....AP	1098	1940-1946	108	95	95	78	8.0
Kans.	Concordia.....CO	1425	1885-1947	116	95	95	78	8.0
	Dodge City.....CO	2515	1874-1942 ^d	109	95	95	78	8.0
	Dodge City.....AP	2599	1942-1947	109	95	95	78	8.0
	Topeka.....CO	991	1887-1947	114	95	100	78	8.0
	Topeka.....AP	983	1946-1947	108	95	100	78	8.0
	Wichita.....CO	1497	1888-1939	114	100	100	75	11.3
	Wichita.....AP	1423	1939-1947	109	100	95	78	7.1
Ky.	Louisville.....CO	563	1871-1947	107	95	95	78	7.1
La.	Louisville.....AP	544	1937-1947	103	93	95	80	6.3
	New Orleans.....CO	85	1874-1947	102	95	95	80	6.3
	New Orleans.....AP	8	1937-1947	100	93	98	78	7.9
Maine	Shreveport.....AP	179	1935-1939	109	98	100	78	7.9
	Eastport.....CO	100	1873-1947	93	90	90	70	8.7
	Portland.....CO	185	1885-1940	103	90	90	73	8.7
	Portland.....AP	65	1940-1947	99	95	95	73	8.7
Md.	Baltimore.....CO	114	1871-1947	107	95	95	78	7.4
	Baltimore.....AP	43	1935-1939	105	91	95	78	7.4
Mass.	Boston.....CO	356	1870-1935	104	92	95	75	11.3
	Boston.....AP	45	1936-1947	101	87	95	75	11.3
	Nantucket.....CO	45	1886-1947	92	95	95	75	11.3
	Nantucket.....AP	48	1946-1947	82	95	95	75	11.3
Mich.	Alpena.....CO	615	1874-1946	104	95	95	75	9.5
	Detroit.....CO	1000	1870-1933	104	95	95	75	9.5
	Detroit.....AP	632	1934-1947	105	99	95	75	9.5
	Lansing.....CO	861	1910-1947	102	95	95	75	9.5
	Lansing.....AP	883	1940-1947	98	95	95	75	9.5
	Marquette.....CO	721	1874-1947	108	93	93	73	9.5
Minn.	Duluth.....CO	1133	1874-1947	106	93	93	73	9.5
	Duluth.....AP	1413	1941-1947	95	95	95	75	10.1
	Minneapolis.....CO	945	1890-1947	108	95	95	75	10.1
	Minneapolis.....AP	873	1938-1947	104	95	95	75	10.1
	St. Paul.....CO	951	1871-1933	104	95	95	75	10.1
	St. Paul.....AP	708	1937-1947	104	91	95	75	10.1
Miss.	Meridian.....CO	410	1889-1947	105	95	95	79	4.4
	Meridian.....AP	298	1939-1947	105	95	95	78	6.1
	Vicksburg.....CO	316	1874-1947	104	95	95	78	6.1
	Vicksburg.....AP	266	1941-1947	104	95	95	78	6.1
Mo.	Columbia.....CO	739	1889-1947	111	100	100	78	8.1
	Columbia.....AP	787	1939-1947	102	101	100	76	8.1
	Kansas City.....AP	780	1935-1939	112	101	100	76	8.1
	St. Louis.....CO	646	1871-1947	110	95	95	78	8.1
	St. Louis.....AP	597	1930-1947	111	97	95	78	8.1
	Springfield.....AP	1270	1935-1939	105	96	95	78	8.1
Mont.	Billings.....AP	3584	1935-1947	106	92	90	66	8.1
	Butte.....AP	5538	1931-1947	100	85	95	70	8.1
	Havre.....CO	2498	1880-1947	108	95	95	70	8.1
	Helena.....CO	4175	1880-1940	103	95	95	67	8.1
	Kalispell.....CO	3004	1897-1947	101	95	95	65	8.1
Nebr.	Miles City.....AP	2629	1935-1939	108	97	95	78	8.1
	Lincoln.....CO	1189	1887-1947	115	95	95	78	8.1
	Lincoln.....AP	1185	1933-1947	115	101	95	78	8.1
	North Platte.....CO	2815	1874-1947	109	98	95	78	8.1
	North Platte.....AP	2788	1935-1939	109	98	95	78	8.1
	Omaha.....CO	1219	1873-1935 ^d	111	98	95	78	8.1
	Omaha.....AP	1009	1935-1947	114	98	95	78	8.1
	Valentine.....CO	2627	1889-1947	110	92	95	78	8.1
Nev.	Elko.....AP	5079	1935-1939	102	92	95	75	1.3
	Las Vegas.....AP	1882	1937-1947	117	108	115	75	1.3
	Reno.....CO	4588	1905-1942	106	93	95	65	1.3
	Reno.....AP	4417	1940-1947	105	93	95	65	1.3
	Winnemucca.....CO	4293	1871-1947	108	90	95	65	1.3
N. H.	Concord.....CO	343	1871-1941 ^d	102	90	90	73	4.9
	Concord.....AP	359	1941-1947	99	90	90	73	4.9

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Suggested Design Wet-Bulb and Dry-Bulb Temperatures

COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7	COL. 8	COL. 9
STATE	STATION ^b	ELEVATION ^c	PERIOD RECORD ^d	HIGHEST TEMP. EVER RECORDED ^d	DESIGN DRY-BULB TEMP. ON T.A.C. 2 1/2% BASIS ^e	DESIGN DRY-BULB TEMP. IN COMMON USE ^f	DESIGN WET-BULB TEMP. IN COMMON USE ^f	AVERAGE SUMMER WIND VELOCITY ^g
		FT		°F	°F	°F	°F	MPH
N. J.	Atlantic City.....CO	45	1874-1947	104	95	95	78	...
	Camden.....AP	20	1935-1939	105	91	95	75	...
	Newark.....AP	15	1931-1947	104	89	95	75	...
	Trenton.....CO	144	1866-1946	106	95	95	78	8.8
N. M.	Albuquerque.....CO	5022	1931-1933 ^d	99	95	95	70	7.8
	Albuquerque.....AP	5319	1935-1947	101	93	95	70	...
	El Morro.....AP	7120	1935-1939	92	84	95	70	...
	Rodeo.....AP	4116	1935-1939	104	97	95	70	...
	Roswell.....CO	3643	1905-1947 ^d	107	97	95	70	...
N. Y.	Tucumcari.....AP	4054	1935-1939	107	97	95	70	...
	Albany.....CO	114	1874-1947	104	99	95	75	7.5
	Albany.....AP	280	1938-1947	99	88	95	75	...
	Binghamton.....CO	915	1891-1946	103	95	95	75	...
	Binghamton.....AP	836	1942-1947	97	95	95	75	...
	Buffalo.....AP	726	1935-1939	95	86	93	73	12.1
	Canterbury.....CO	458	1906-1947	99	90	90	73	8.2
	Elmira.....AP	948	1935-1939	96	88	95	73	...
	New York.....CO	425	1871-1947	102	95	95	75	12.5
	Oswego.....CO	363	1871-1947	100	93	93	73	...
	Rochester.....CO	609	1872-1947	102	95	95	75	...
	Rochester.....AP	560	1935-1939	98	89	95	75	...
	Syracuse.....CO	465	1902-1940	102	93	93	75	...
N. C.	Syracuse.....AP	404	1940-1947	97	88	95	75	...
	Asheville.....CO	2280	1902-1947	99	93	95	75	5.6
	Charlotte.....CO	809	1878-1947	103	95	95	78	...
	Charlotte.....AP	757	1939-1947	103	93	95	78	...
	Greensboro.....AP	896	1928-1947	101	91	95	78	...
	Raleigh.....CO	405	1887-1947	104	95	95	78	6.3
	Raleigh.....AP	446	1944-1947	102	93	95	78	...
N. D.	Wilmington.....CO	78	1871-1947	103	95	95	78	8.4
	Bismarck.....CO	1675	1875-1940	114	95	95	73	9.5
	Bismarck.....AP	1665	1940-1947	109	96	95	73	...
	Devils Lake.....CO	1481	1904-1947	112	95	95	70	...
	Dickinson.....AP	2599	1935-1939	112	94	95	75	...
	Fargo.....AP	900	1935-1939	115	93	95	75	...
	Pembina.....AP	830	1935-1939	109	92	95	75	...
Ohio.	Williston.....CO	1919	1879-1947	110	95	95	73	...
	Akron.....AP	104	1935-1939	101	88	95	75	...
	Cincinnati.....CO	772	1870-1947	108	95	95	78	5.6
	Cincinnati.....AP	488	1931-1947	108	94	95	75	...
	Cleveland.....CO	669	1871-1946	105	95	95	75	11.1
	Cleveland.....AP	813	1930-1946	107	90	95	75	...
	Columbus.....CO	812	1878-1946	106	95	95	76	...
	Columbus.....AP	820	1939-1947	100	90	95	76	...
	Dayton.....CO	1086	1883-1943 ^d	108	95	95	78	...
	Dayton.....AP	1002	1940-1947	99	95	95	78	...
	Sandusky.....CO	608	1878-1946	105	95	95	75	...
	Toledo.....CO	668	1871-1947	105	95	95	75	...
Okla.	Toledo.....AP	626	1940-1947	100	91	95	75	...
	Ardmore.....AP	762	1935-1939	110	99	95	77	9.8
	Oklahoma City.....CO	1264	1890-1947	113	99	101	77	...
	Oklahoma City.....AP	1311	1939-1947	109	99	101	77	...
	Tulsa.....AP	886	1932-1947	109	100	101	77	...
Ore.	Waynoka.....AP	1529	1935-1939	115	103	95	75	...
	Arlington.....AP	881	1935-1939	111	95	95	75	...
	Baker.....CO	3501	1889-1947	104	90	90	66	...
	Baker.....AP	3374	1939-1947	103	90	90	66	...
	Eugene.....CO	366	1890-1942	104	88	90	68	...
	Eugene.....AP	368	1942-1947	105	88	95	70	...
	Medford.....CO	1428	1911-1929	110	95	95	70	...
	Medford.....AP	1343	1929-1947	113	95	95	70	...
	Portland.....CO	98	1874-1947	107	95	90	68	6.5
	Portland.....AP	25	1940-1947	105	87	95	68	...
Pa.	Roseburg.....CO	523	1877-1947	109	90	90	66	...
	Curwensville.....AP	2219	1943-1947	90	82	93	75	...
	Erie.....CO	771	1873-1946	98	93	95	75	...
	Erie.....AP	736	1935-1939	96	85	95	75	...
	Harrisburg.....AP	339	1935-1939	103	91	95	75	...
	Philadelphia.....CO	200	1871-1947	106	95	95	78	9.7
	Philadelphia.....AP	18	1940-1947	100	95	95	78	...
	Pittsburgh.....CO	929	1875-1947	103	95	95	75	8.9
	Pittsburgh.....AP	1284	1935-1947	102	88	95	75	...
	Reading.....CO	311	1913-1947	105	95	95	75	...
	Scranton.....CO	877	1901-1947	105	95	95	75	...
R. I.	Scranton.....AP	877	1901-1947	105	95	95	75	...
	Sunbury.....AP	448	1935-1939	101	89	95	75	...
	Block Island.....CO	46	1881-1947	93	95	95	75	...
S. C.	Providence.....CO	77	1904-1947	100	93	95	75	9.5
	Charleston.....CO	59	1871-1947	104	95	95	78	9.8
	Charleston.....AP	51	1940-1947	103	91	95	78	...