

CLIMATIC CONDITIONS.

No. 5.—NORMAL TEMPERATURE: MONTHLY AND ANNUAL MEANS AT SPECIFIED STATIONS.<sup>1</sup>

[Source: The Weather Bureau, Department of Agriculture.]

Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
Ablene, Tex.	43	45	55	64	72	78	82	81	74	64	53	45	63
Albany, N. Y.	22	24	32	40	50	58	68	72	72	60	50	44	48
Amarillo, Tex.	34	37	45	55	64	72	77	76	68	56	44	36	55
Atlanta, Ga.	42	46	52	61	70	76	78	76	68	56	44	36	55
Bismarck, N. Dak.	7	8	22	43	55	64	70	76	72	62	50	40	45
Boise, Idaho.	29	34	42	50	58	66	73	78	81	74	64	53	63
Boston, Mass.	27	28	35	45	57	66	71	69	68	58	48	40	48
Buffalo, N. Y.	25	24	31	42	54	65	70	69	68	52	41	33	45
Charlotte, N. C.	40	44	51	56	68	78	79	79	68	51	39	30	50
Chicago, Ill.	24	25	34	40	50	60	72	77	71	61	50	43	50
Cleveland, Ohio.	26	27	34	40	50	60	72	70	64	53	40	31	48
Denver, Colo.	29	31	39	48	57	66	72	70	63	51	39	31	49
Des Moines, Iowa.	20	24	30	39	49	59	70	76	78	68	55	40	50
Dodge City, Kans.	27	31	42	54	64	73	78	76	68	55	40	32	48
Dubuque, Iowa.	18	22	33	40	51	61	70	75	72	64	52	36	45
Duluth, Minn.	7	10	21	37	48	58	64	68	64	54	42	26	41
Eastport, Me.	20	21	29	38	47	54	60	60	55	47	37	25	41
El Paso, Tex.	44	49	56	64	72	80	80	80	79	62	51	45	68
Fresno, Calif.	45	49	55	61	68	76	82	81	74	65	55	47	63
Galveston, Tex.	53	56	62	69	75	81	83	83	74	65	55	47	68
Green Bay, Wis.	15	17	27	41	54	65	70	67	59	47	32	21	43
Harrisburg, Pa.	29	30	38	51	62	70	74	72	65	54	42	33	48
Havre, Mont.	14	15	27	48	54	62	68	67	58	44	31	23	42
Helena, Mont.	20	22	31	42	52	61	67	66	56	44	33	25	43
Huron, S. Dak.	10	13	27	45	57	67	72	69	60	45	27	16	42
Indianapolis, Ind.	28	31	40	52	63	72	76	74	67	55	42	32	52
Jacksonville, Fla.	54	57	62	68	74	79	81	80	77	70	61	55	68
Jupiter, Fla.	64	66	69	72	76	80	81	82	81	77	72	65	74
Kansas City, Mo.	26	30	41	54	64	73	78	76	68	56	42	32	53
Knoxville, Tenn.	38	41	48	57	66	73	76	75	69	58	47	40	57
Lander, Wyo.	17	22	31	42	52	61	68	66	55	42	29	19	42
Little Rock, Ark.	41	44	53	63	70	77	81	79	73	63	52	44	62
Los Angeles, Calif.	54	55	57	59	62	67	70	72	70	65	60	56	62
Louisville, Ky.	34	37	45	56	67	75	79	76	70	58	46	38	57
Lynchburg, Va.	36	38	45	56	66	74	77	75	68	57	46	38	56
Montgomery, Ala.	48	51	58	65	74	79	81	80	78	66	56	49	65
New Orleans, La.	53	56	62	68	74	80	81	81	78	70	61	54	68
New York, N. Y.	30	31	38	48	59	68	74	72	66	56	44	34	52
Northfield, Vt.	15	17	26	40	54	63	67	63	55	44	32	20	41
North Platte, Nebr.	21	25	35	49	59	68	74	72	63	50	35	27	48
Oklahoma, Okla.	35	38	49	60	68	76	80	78	72	61	48	36	59
Omaha, Nebr.	20	24	36	50	62	72	76	74	66	54	38	27	50
Oswego, N. Y.	24	24	31	43	55	64	70	69	63	51	39	26	47
Palestine, Tex.	46	51	58	66	72	78	82	80	75	66	57	49	65
Parkersburg, W. Va.	31	34	42	53	63	72	76	73	66	55	43	35	54
Phoenix, Ariz.	50	54	60	67	75	84	90	89	81	70	59	52	69
Port Huron, Mich.	22	22	30	42	54	64	69	67	61	50	37	27	45
Portland, Oreg.	30	30	41	46	51	57	61	66	66	61	53	46	52
Rapid City, S. Dak.	22	24	32	44	54	64	70	69	60	47	34	29	45
Red Bluff, Calif.	45	49	54	59	66	76	82	81	74	64	53	46	62
St. Louis, Mo.	31	34	44	56	66	75	79	77	70	58	43	36	56
St. Paul, Minn.	12	15	26	46	58	67	72	70	60	48	31	19	44
Salt Lake City, Utah.	29	33	41	50	58	68	76	76	65	52	40	32	52
San Antonio, Tex.	51	54	62	69	75	80	82	82	77	69	59	53	68
San Francisco, Calif.	50	51	53	54	56	57	57	59	59	58	56	51	55
Santa Fe, N. Mex.	28	32	39	48	57	66	69	67	61	50	38	30	49
Sault Ste. Marie, Mich.	13	13	21	36	48	58	62	61	54	43	31	20	38
Seattle, Wash.	39	40	44	49	56	60	64	63	58	51	44	41	51
Shreveport, La.	46	50	58	66	73	80	82	81	76	66	55	49	65
Spokane, Wash.	27	30	39	48	56	63	69	68	59	47	37	31	48
Springfield, Ill.	25	29	39	52	64	72	76	74	68	55	41	31	52
Springfield, Mo.	31	34	44	56	65	72	76	75	68	57	44	36	55
Tampa, Fla.	60	62	66	71	76	80	81	81	80	74	67	61	72
Vicksburg, Miss.	47	51	58	65	73	78	80	80	75	65	56	49	65
Walla Walla, Wash.	33	36	44	53	61	68	74	74	65	54	43	36	53
Washington, D. C.	33	34	42	53	64	73	77	74	68	57	45	36	55
Williston, N. Dak.	6	8	22	40	54	64	69	68	60	43	25	14	39
Wilmington, N. C.	46	48	54	60	69	76	79	78	73	63	54	47	62
Winnemucca, Nev.	29	33	40	47	54	63	72	71	60	49	38	31	49

<sup>1</sup> The figures cover the 33-year period, 1873 to 1905, inclusive. Those for stations not having that length of record have been corrected accordingly.

CLIMATIC CONDITIONS.

No. 5.—NORMAL TEMPERATURE: MONTHLY AND ANNUAL MEANS AT SPECIFIED STATIONS.<sup>1</sup>

[Source: The Weather Bureau, Department of Agriculture.

Station.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Annual.
	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	
Abilene, Tex.	43	45	55	64	72	78	82	81	74	64	53	45	63	64	64	53	45	63	63	53	45	63	63	63	63
Albany, N. Y.	22	24	32	46	59	68	72	70	62	50	38	28	42	42	42	38	28	42	42	38	28	42	42	42	42
Amarillo, Tex.	44	47	45	55	64	72	76	75	68	56	44	36	55	55	56	44	36	55	55	44	36	55	55	55	55
Atlanta, Ga.	42	45	52	61	70	78	78	76	72	62	52	42	62	62	62	52	42	62	62	52	42	62	62	62	61
Bismarck, N. Dak.	7	8	22	43	55	64	70	68	57	44	26	15	40	40	40	26	15	40	40	26	15	40	40	40	40
Boise, Idaho	29	34	42	50	58	66	73	72	62	50	40	32	51	51	51	40	32	51	51	40	32	51	51	51	51
Boston, Mass.	27	28	35	45	57	66	71	69	63	52	41	32	49	49	49	32	22	49	49	32	22	49	49	49	49
Buffalo, N. Y.	25	24	31	42	54	65	70	69	63	52	39	30	47	47	47	39	30	47	47	39	30	47	47	47	47
Charlotte, N. C.	40	44	51	59	68	76	79	77	71	61	50	43	60	60	60	50	43	60	60	50	43	60	60	60	60
Chicago, Ill.	24	25	34	46	56	63	72	71	65	53	39	29	48	48	48	39	29	48	48	39	29	48	48	48	48
Cleveland, Ohio.	26	27	34	46	58	68	72	70	64	53	40	31	49	49	49	40	31	49	49	40	31	49	49	49	49
Denver, Colo.	29	31	39	48	57	66	72	70	63	51	39	32	50	50	50	39	32	50	50	39	32	50	50	50	50
Des Moines, Iowa.	20	24	36	51	62	70	76	73	65	52	37	26	49	49	49	37	26	49	49	37	26	49	49	49	49
Dodge City, Kans.	27	31	42	54	64	73	78	76	68	55	40	32	53	53	53	40	32	53	53	40	32	53	53	53	53
Dubuque, Iowa.	18	22	33	40	51	61	70	75	72	64	52	36	44	44	44	36	24	44	44	36	24	44	44	44	44
Duluth, Minn.	7	10	21	37	48	58	64	63	54	42	26	15	37	37	37	26	15	37	37	26	15	37	37	37	37
Eastport, Me.	20	21	29	38	47	54	60	60	55	47	37	25	41	41	41	37	25	41	41	37	25	41	41	41	41
El Paso, Tex.	44	49	56	64	72	80	80	79	73	62	51	45	63	63	63	51	45	63	63	51	45	63	63	63	63
Fresno, Calif.	45	49	55	61	68	76	82	81	74	65	55	47	63	63	63	55	47	63	63	55	47	63	63	63	63
Galveston, Tex.	53	56	62	69	75	81	83	83	79	72	63	56	69	69	69	63	56	69	69	63	56	69	69	69	69
Green Bay, Wis.	15	17	27	41	54	65	70	67	59	47	32	21	43	43	43	32	21	43	43	32	21	43	43	43	43
Harrisburg, Pa.	29	30	38	51	62	70	74	72	65	54	42	33	52	52	52	42	33	52	52	42	33	52	52	52	52
Havre, Mont.	14	15	27	43	54	62	68	67	58	44	31	21	42	42	42	31	21	42	42	31	21	42	42	42	42
Helena, Mont.	20	22	31	42	52	61	67	66	56	44	33	25	43	43	43	33	25	43	43	33	25	43	43	43	43
Huron, S. Dak.	10	13	27	45	57	67	72	69	60	45	27	16	42	42	42	27	16	42	42	27	16	42	42	42	42
Indianapolis, Ind.	28	31	40	52	63	72	76	74	67	55	42	33	53	53	53	42	33	53	53	42	33	53	53	53	53
Jacksonville, Fla.	64	67	62	68	74	79	81	80	77	70	61	55	68	68	68	61	55	68	68	61	55	68	68	68	68
Jupiter, Fla.	64	66	69	72	76	80	81	82	81	77	72	66	74	74	74	72	66	74	74	72	66	74	74	74	74
Kansas City, Mo.	26	30	41	54	64	73	78	76	68	56	42	32	53	53	53	42	32	53	53	42	32	53	53	53	53
Knoxville, Tenn.	38	41	48	57	66	73	76	75	69	58	47	40	57	57	57	47	40	57	57	47	40	57	57	57	57
Lander, Wyo.	17	22	31	42	52	61	68	66	55	42	29	19	42	42	42	29	19	42	42	29	19	42	42	42	42
Little Rock, Ark.	41	44	53	63	70	77	81	79	73	63	52	44	62	62	62	52	44	62	62	52	44	62	62	62	62
Los Angeles, Calif.	54	55	57	59	62	67	70	72	70	65	60	56	62	62	62	60	56	62	62	60	56	62	62	62	62
Louisville, Ky.	34	37	45	56	67	75	79	76	70	58	46	38	57	57	57	46	38	57	57	46	38	57	57	57	57
Lynchburg, Va.	36	38	45	56	66	74	77	75	68	57	46	38	56	56	56	46	38	56	56	46	38	56	56	56	56
Montgomery, Ala.	48	51	58	65	74	79	81	80	76	66	56	49	65	65	65	56	49	65	65	56	49	65	65	65	65
New Orleans, La.	53	56	62	68	74	80	81	81	78	70	61	54	68	68	68	61	54	68	68	61	54	68	68	68	68
New York, N. Y.	30	31	38	48	59	68	74	72	66	56	44	34	52	52	52	44	34	52	52	44	34	52	52	52	52
Northfield, Vt.	15	17	28	40	54	63	67	63	55	44	32	20	41	41	41	32	20	41	41	32	20	41	41	41	41
North Platte, Nebr.	21	25	35	49	59	68	74	72	63	50	35	27	48	48	48	35	27	48	48	35	27	48	48	48	48
Oklahoma, Okla.	35	38	49	60	68	76	80	78	72	61	48	39	59	59	59	48	39	59	59	48	39	59	59	59	59
Omaha, Nebr.	20	24	36	50	62	72	76	74	66	54	38	27	50	50	50	38	27	50	50	38	27	50	50	50	50
Oswego, N. Y.	24	24	31	43	55	64	70	69	63	51	39	29	47	47	47	39	29	47	47	39	29	47	47	47	47
Palestine, Tex.	46	51	58	66	72	78	82	80	75	66	57	49	65	65	65	57	49	65	65	57	49	65	65	65	65
Parkersburg, W. Va.	31	34	42	53	63	72	76	73	66	55	43	35	54	54	54	43	35	54	54	43	35	54	54	54	54
Phoenix, Ariz.	50	54	60	67	75	82	90	89	81	70	59	52	69	69	69	70	59	52	69	69	70	59	52	69	69
Port Huron, Mich.	22	22	30	42	54	64	69	67	61	50	37	27	45	45	45	37	27	45	45	37	27	45	45	45	45
Portland, Oreg.	39	41	46	51	57	61	66	66	61	53	46	41	52	52	52	46	41	52	52	46	41	52	52	52	52
Rapid City, S. Dak.	22	24	32	44	54	64	70	60	50	47	34	26	45	45	45	34	26	45	45	34	26	45	45	45	45
Red Bluff, Calif.	45	49	54	59	67	75	79	77	70	58	45	35	56	56	56	45	35	56	56	45	35	56	56	56	56
St. Louis, Mo.	31	34	44	56	67	75	79	77	70	60	48	31	44	44	44	48	31	44	44	48	31	44	44	44	44
St. Paul, Minn.	12	15	28	46	58	68	76	76	66	52	40	32	52	52	52	40	32	52	52	40	32	52	52	52	52
Salt Lake City, Utah.	29	33	41	50	58	65	72	70	65	55	44	34	53	53	53	44	34	53	53	44	34	53	53	53	53
San Antonio, Tex.	51	54	62	69	75	80	82	82	77	69	60	52	68	68	68	69	60	52	68	68	69	60	52	68	68
San Francisco, Calif.	50	51	53	54	56	57	66	69	67	61	50	38	50	50	50	50	38	50	50	50	38	50	50	50	50
Santa Fe, N. Mex.	28	32	39	48	57	66	72	70	64	53	43	31	40	40	40	43	31	40	40	43	31	40	40	40	40
Sault Ste. Marie, Mich.	13	13	21	36	48	58	62	61	54	43	31	21	51	51	51	43	31	51	51	43	31	51	51	51	51
Seattle, Wash.	39	40	44	49	55	60	64	63	58	47	36	26	48	48	48	36	26	48	48	36	26	48	48	48	48
Shreveport, La.	46	50	58	66	73	80	82	81	76	66	55	49	65	65	65	55	49	65	65	55	49	65	65	65	65
Spokane, Wash.	27	30	39	48	56	63	69	68	60	50	47	37	53	53	53	47	37	53	53	47	37	53	53	53	53
Springfield, Ill.	26	29	39	52	64	72	76	74	66	55	41	31	52	52	52	41	31	52	52	41	31	52	52	52	52
Springfield, Mo.	31	34	44	50	65	72	76	75	68	57	44	36	55	55	55	44	36	55	55	44	36	55	55	55	55
Tampa, Fla.	60																								

**NO. 5.—NORMAL TEMPERATURE: MONTHLY AND ANNUAL MEANS AT SPECIFIED STATIONS.<sup>1</sup>**

[Source: The Weather Bureau, Department of Agriculture.]

Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
Abilene, Tex.	43	45	55	64	72	78	82	81	74	64	53	45	63
Albany, N. Y.	23	24	33	47	50	68	73	71	63	52	39	28	48
Amarillo, Tex.	34	37	45	55	64	72	76	75	68	56	44	36	55
Atlanta, Ga.	43	45	52	61	70	78	78	77	72	63	52	45	61
Bismarck, N. Dak.	8	10	24	42	54	64	70	67	58	45	28	15	40
Boise, Idaho.	30	35	43	50	57	65	73	72	62	51	41	32	51
Boston, Mass.	28	29	30	46	57	66	72	70	63	54	42	32	50
Buffalo, N. Y.	25	24	31	43	55	64	70	69	62	52	39	30	47
Charlotte, N. C.	41	44	50	60	69	76	78	77	72	62	51	43	60
Chicago, Ill.	25	27	36	48	58	68	74	73	66	55	41	30	50
Cleveland, Ohio.	26	27	35	46	58	67	71	70	64	51	41	31	49
Denver, Colo.	30	33	39	47	56	66	72	71	63	51	40	32	50
Des Moines, Iowa.	20	24	36	50	61	71	75	73	66	53	38	26	50
Dodge City, Kans.	27	31	42	54	64	73	78	76	68	55	40	32	53
Dubuque, Iowa.	19	22	34	49	60	69	74	72	64	52	37	25	48
Duluth, Minn.	8	11	24	37	47	57	64	63	55	41	30	16	38
Eastport, Me.	20	22	29	39	48	56	60	61	50	48	37	26	42
El Paso, Tex.	44	49	56	64	72	80	80	79	73	62	51	45	63
Fresno, Calif.	45	49	55	61	68	76	82	81	74	65	55	47	63
Galveston, Tex.	54	56	62	69	75	81	83	83	80	73	63	56	70
Green Bay, Wis.	15	17	27	41	54	65	70	67	59	47	32	21	43
Harrisburg, Pa.	29	30	38	51	62	70	74	72	65	54	42	33	52
Havre, Mont.	13	14	27	44	53	62	68	65	56	44	31	20	42
Helena, Mont.	20	23	32	44	52	59	66	66	57	45	33	24	43
Huron, S. Dak.	11	14	29	45	56	66	72	69	61	48	32	19	44
Indianapolis, Ind.	28	31	40	52	63	72	76	74	67	55	42	33	53
Jacksonville, Fla.	55	58	63	69	75	80	82	82	78	71	62	56	69
Jupiter, Fla.	64	66	69	72	76	80	81	82	81	77	72	66	74
Kansas City, Mo.	26	30	41	54	64	73	78	76	68	56	42	32	53
Knoxville, Tenn.	39	42	49	58	67	74	77	76	71	60	48	40	58
Lander, Wyo.	17	22	31	42	52	61	68	66	55	42	29	19	42
Little Rock, Ark.	41	45	53	62	70	77	81	80	74	64	52	44	62
Los Angeles, Calif.	55	56	58	59	62	66	70	71	69	66	61	57	62
Louisville, Ky.	34	37	45	56	67	75	79	77	70	59	47	38	57
Lynchburg, Va.	38	40	47	57	67	75	78	76	69	58	47	40	58
Montgomery, Ala.	48	52	58	65	73	80	82	81	76	67	56	50	66
New Orleans, La.	54	57	63	69	75	81	82	82	79	71	62	56	69
New York, N. Y.	31	31	38	49	61	69	74	73	67	56	44	35	52
Northfield, Vt.	15	17	26	40	54	63	67	63	55	44	32	20	41
North Platte, Nebr.	23	27	37	49	59	68	73	71	62	50	37	27	47
Okahoma, Okla.	35	38	49	60	68	76	80	78	72	61	48	39	59
Omaha, Nebr.	20	24	36	50	62	72	76	74	66	54	38	27	50
Oswego, N. Y.	24	24	31	44	55	65	70	68	61	51	39	29	47
Palestine, Tex.	46	51	58	66	72	78	82	80	75	66	57	49	65
Parkersburg, W. Va.	31	34	42	53	63	72	76	73	66	55	43	35	54
Phoenix, Ariz.	50	54	60	67	75	84	90	89	81	70	59	52	69
Portland, Mich.	39	42	47	57	65	74	80	78	72	62	54	47	56
Portland, Oreg.	50	52	60	68	76	82	87	87	82	74	64	54	81
Rapid City, S. Dak.	22	24	32	44	54	64	70	69	59	47	34	26	45
Red Bluff, Calif.	46	49	54	59	66	75	81	80	73	64	54	46	62
St. Louis, Mo.	31	34	44	56	67	75	79	77	70	60	45	35	56
St. Paul, Minn.	13	16	29	46	58	67	72	69	61	49	32	19	44
Salt Lake City, Utah.	29	34	42	50	57	67	76	74	64	52	41	32	52
San Antonio, Tex.	51	54	62	69	75	80	82	82	77	69	59	53	68
San Francisco, Calif.	50	52	54	55	57	58	58	59	61	60	56	51	56
Santa Fe, N. Mex.	28	32	39	48	57	66	69	67	61	50	38	30	49
Sault Ste. Marie, Mich.	13	13	21	36	48	58	62	61	54	43	31	20	38
Seattle, Wash.	39	40	44	49	55	60	64	63	58	51	44	41	51
Shreveport, La.	46	50	58	66	73	80	82	81	76	66	55	49	65
Spokane, Wash.	28	31	40	48	56	63	69	68	59	48	38	30	46
Springfield, Ill.	26	30	40	53	63	72	76	74	68	56	42	32	53
Springfield, Mo.	31	34	44	56	65	72	76	75	68	57	44	36	55
Tampa, Fla.	60	62	66	71	76	80	81	81	80	74	67	61	72
Vicksburg, Miss.	48	52	58	66	73	79	81	81	76	67	57	50	66
Walla Walla, Wash.	33	36	44	53	61	68	74	74	65	54	43	36	53
Washington, D. C.	33	35	43	53	64	72	77	75	68	54	45	37	55
Williston, N. Dak.	6	8	23	42	54	63	69	66	57	43	27	14	39
Wilmington, N. C.	46	48	54	60	69	76	79	78	73	63	54	47	62
Winnamucca, Nev.	29	33	40	47	54	63	72	71	60	49	38	31	49

<sup>1</sup> The figures cover the 40 to 46 year period beginning between July 3, 1875 and 1881 and ending July 2, 1921.