CLIMATOLOGICAL TABLES[1]

CONDENSED CLIMATOLOGICAL SUMMARY

In the following table are given for the various sections of the climatological service of the Weather Bureau the monthly average temperature and total rainfall; the stations reporting the highest and lowest temperatures, with dates of occurrence; the stations reporting the greatest and least total precipitation; and other data as indicated by the several headings.

The mean temperature for each section, the highest and lowest temperatures, the average precipitation, and the greatest and least monthly amounts are found by using all trustworthy records available.

The mean departures from normal temperatures and precipitation are based only on records from stations that have 10 or more years of observations. Of course, the number of such records is smaller than the total number of stations.

Condensed climatological summary of temperature and precipitation by sections, November, 1924

Section	Temperature								Precipitation					
	Section average	Departure from the normal	Monthly extremes						Section average	Departure from the normal	Greatest monthly		Least monthly	
			Station	Highest	Date	Station	Lowest	Date			Station	Amount	Station	Amount
	° F.	° F.		° F.			° F.		In.	In.		In.		In.
Alabama	56.2	+1.5	Selma	90	3	St. Bernard	13	26	0.25	−2.78	Riverton	0.87	5 stations	0.00
Alaska (October)	30.2	−3.4	Annex Creek	64	1	Allukaket	−21	19	7.90	+0.59	Cordova	26.97	Fairbanks (near)	0.82
Arizona	53.4	+1.5	Mohawk	100	[2] 2	2 stations	4	[2] 23	0.17	−0.72	Lakeside	1.23	33 stations	0.00
Arkansas	53.4	+1.9	4 stations	88	[2] 2	....do	15	[2] 25	2.36	−1.21	Hot Springs	5.60	Huttig	0.20
California	52.5	−0.3	3 stations	99	[2] 2	Summit	5	11	2.27	−0.33	Upper Mattole	14.43	9 stations	0.00
Colorado	36.6	+1.0	Holly	87	5	Cathedral	−22	11	0.49	−0.39	Savage Basin	3.45	11 stations	0.00
Florida	65.1	−0.1	McDonald	88	7	2 stations	23	26	0.54	−2.04	Allapattah	4.35	2 stations	0.00
Georgia	55.9	+1.2	Milledgeville	87	8	Blue Ridge	14	26	0.72	−1.93	Greensboro	2.29	Fort Gaines	T.
Hawaii	71.5	−0.1	Mahukona	91	5	Volcano Observatory	47	4	7.66	−1.50	Umikoa	40.82	2 stations	0.00
Idaho	34.4	−0.9	3 stations	78	[2] 2	Obsidian	−11	13	2.09	−0.08	Musselshell Ranger Station.	8.10	Springfield	T.
Illinois	43.4	+1.5	2 stations	85	4	Galva	3	29	1.23	−1.17	Casey	2.64	Kankakee	0.41
Indiana	43.0	+0.9	Marengo	86	6	South Bend	7	17	1.43	−1.63	Terre Haute	2.85	Rochester	0.50
Iowa	38.9	+2.3	Belle Plaine	82	1	2 stations	0	29	0.58	−0.98	Washington	1.55	4 stations	T.
Kansas	45.7	+1.7	Garden City	91	5	Tribune	5	25	0.72	−0.43	Walnut	4.00	3 stations	0.00
Kentucky	47.7	+1.4	3 stations	83	[2] 2	Anchorage	13	29	1.82	−1.71	Burnside	3.86	Carrollton	0.72
Louisiana	61.5	+2.6	Ruston	92	12	Kelly (near)	18	25	0.64	−2.85	Franklin	2.84	4 stations	0.00
Maryland-Delaware	44.7	+0.3	2 stations	79	7	2 stations	10	19	1.84	−0.68	Millsboro, Del	2.79	2 stations	1.29
Michigan	37.3	+1.2	....do	80	[2] 1	Chatham	−8	16	2.23	−0.23	Mancelona	6.70	Pontiac	0.41
Minnesota	29.5	−0.3	Zumbreta	75	1	Itasca State Park	−8	23	0.44	−0.71	Reeds	1.20	Alexandria	0.00
Mississippi	57.9	+2.8	Fayette	90	7	Port Gibson	16	26	0.45	−3.03	Austin	2.72	5 stations	0.00
Missouri	46.7	+2.2	Brunswick	88	6	Clifton Hill	4	29	1.72	−0.63	Caruthersville	4.11	Farmington	0.51
Montana	31.4	−0.4	Biddle	80	2	Kinread	−30	13	1.28	+0.25	Haugan	6.35	Crow Agency	0.00
Nebraska	39.3	+2.6	Central City	84	1	Gordon	0	7	0.26	−0.49	Hay Springs	1.32	Aurora	0.00
Nevada	39.9	−0.4	Logandale	88	2	San Jacinto	−15	13	0.50	−0.12	Carson City	2.06	4 stations	0.00
New England	38.6	+1.4	Turner's Falls, Mass.	78	1	Somerset, Vt	−12	20	2.69	−0.66	Berlin, N. H	5.61	Portland, Me	0.91
New Jersey	42.9	−0.2	2 stations	77	[2] 2	Runyon	1	18	2.03	−1.07	Tuckerton	3.23	South Orange	1.17
New Mexico	45.2	+2.5	Carlsbad	89	4	Luna Ranger Station	−5	[2] 24	0.35	−0.42	Lindrith	1.30	19 stations	0.00
New York	38.7	+1.1	2 stations	75	[2] 6	De Ruyter	−7	18	2.22	−0.67	Taberg	5.62	Dansville	0.39
North Carolina	50.4	+1.3	Louisberg	86	14	Mt. Mitchell	3	29	1.41	−1.00	Hatteras	3.45	Mt. Mitchell	0.30
North Dakota	27.6	+1.0	2 stations	69	[2] 9	Howard	−15	13	0.18	−0.40	Howard	0.85	2 stations	0.00
Ohio	41.4	−0.1	3 stations	79	7	2 stations	6	29	1.44	−1.16	Piqua	2.99	Norwalk	0.44
Oklahoma	52.9	+2.7	Altus	91	5	Goodwell	12	27	1.74	−0.30	Newkirk	4.12	2 stations	T.
Oregon	40.5	−0.7	Medford	76	1	2 stations	−2	[2] 12	5.31	+0.71	Willow Creek	21.88	Andrews	0.25
Pennsylvania	40.7	−0.1	2 stations	78	7	West Bingham	−9	18	1.54	−1.11	Gouldsboro	3.29	Mifflintown	0.56
Porto Rico	77.0	+0.2	Lares	97	10	Aibonito	57	[2] 19	11.69	+4.48	Yabucoa	22.83	Camuy	5.20
South Carolina	54.4	+0.6	Society Hill	87	13	Clemson College	21	26	1.35	−0.90	Edgefield	2.95	Georgetown	0.15
South Dakota	35.1	+2.0	Britton	79	1	McLaughlin	−10	12	0.44	−0.17	Harveys Ranch	1.90	8 stations	T.
Tennessee	50.1	+1.6	2 stations	84	[2] 2	Crossville	8	29	1.61	−1.79	Celina	3.06	Loudon	0.28
Texas	60.9	+3.9	Hondo	99	2	Clint	12	[2] 25	0.69	−1.70	Dallas	3.36	37 stations	0.00
Utah	36.2	−1.2	St. George	86	3	Castle Rock	−13	13	0.79	−0.18	Silver Lake	2.61	Hurricane	0.00
Virginia	47.1	+0.4	Runnymede	80	14	Mineral	11	26	1.99	−0.33	Burkes Garden	3.40	Callaville	1.09
Washington	38.1	−1.8	Sunnyside	69	23	2 stations	−4	12	4.90	+0.18	Wind River	18.32	Prosser	0.93
West Virginia	42.9	−0.2	Union	87	4	Terra Alta	9	19	2.05	−0.54	Pickens	4.11	Upper Tract	0.45
Wisconsin	33.9	+0.4	Ripon	77	5	Ashland	−9	14	1.71	−0.14	West Bend	3.37	Downing	T.
Wyoming	32.4	+0.2	Salt Creek	85	4	Riverside	−23	[2] 13	0.76	+0.13	Crandall Creek	4.62	4 stations	T.

[1] For description of tables and charts, see REVIEW, January, 1924, pp. 56-57.
[2] Other dates also.

TABLE 1.—*Climatological data for Weather Bureau stations, November, 1924*

Districts and stations	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	Temperature of the air: Departure from normal	Temperature of the air: Maximum	Temperature of the air: Date	Temperature of the air: Mean maximum	Temperature of the air: Minimum	Temperature of the air: Date	Temperature of the air: Mean minimum	Temperature of the air: Greatest daily range	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with 0.01, or more	Wind: Total movement	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month
	Ft.	Ft.	Ft.	In.	In.	In.	°F.	°F.	°F.		°F	°F.		°F	°F.	°F.	°F.	%	In.	In.		Miles								0-10	In.	In.
New England							41.2	+1.7										73	1.95	−1.6										5.6		
Eastport	76	67	85	29.88	29.96	−.05	39.1	+2.4	58	12	45	14	17	33	24	35	32	76	1.59	−2.5	8	8,683	sw.	52	ne.	30	4	12	14	7.0	4.9	4.0
Greenville, Me.	1,070	6					33.0		62	1	42	0	19	24	37				4.47		11		se.				6	4	20		9.6	
Portland, Me.	108	82	117	29.89	30.02	+.01	40.2	+2.2	72	7	47	13	17	33	29	35	29	70	0.91	−2.9	7	7,205	sw.	42	se.	23	14	4	12	5.0	1.8	1.2
Concord	288	70	79	29.69	30.02	−.04	37.6	−0.1	75	7	47	4	19	28	35				1.89	−1.5	8	3,916	nw.	28	nw.	17	13	5	12	5.3	4.3	3.5
Burlington	404	11	48	29.56	30.01	−.04	37.6	+1.3	69	7	44	7	17	31	36				2.39	−0.2	6	11,858	s.	50	s.	6	2	10	18	7.6	4.8	3.5
Northfield	876	12	60	29.04	30.02	−.03	35.2	+2.4	72	7	45	−2	19	26	43	31	27	76	2.55	0.0	6	7,011	s.	38	sw.	7	5	9	16	7.1	7.3	4.0
Boston	125	115	188	29.88	30.02	−.03	44.6	+2.6	76	7	52	14	17	37	27	40	35	73	1.93	−2.2	5	7,601	sw.	37	w.	17	11	10	9	5.3	0.5	0.2
Nantucket	12	14	90	30.02	30.03	−.02	44.9	+0.5	65	12	51	17	17	39	22	42	38	78	2.76	−0.5	8	12,298	sw.	51	w.	17	9	11	10	5.4	0.0	0.0
Block Island	26	11	46	30.01	30.04	−.02	45.0	+0.4	64	12	50	15	17	40	22	41	37	73	2.01	−1.9	7	14,599	sw.	66	nw.	16	11	4	15	6.2	0.0	0.0
Providence	160	215	251	29.86	30.04	−.03	43.2	+2.8	71	7	51	14	17	35	26	38	31	66	1.48	−2.4	5	8,505	nw.	68	nw.	17	15	7	8	4.4	T.	T.
Hartford	159	122	140	29.86	30.04	−.04	42.2	+2.7	70	7	51	6	17	34	32				1.96	−1.9	8		s.				15	7	8	4.3	0.9	0.1
New Haven	106	74	153	29.94	30.05	−.02	43.0	+1.0	68	2	50	14	19	36	26	38	32	69	2.00	−1.6	7	7,428	sw.	42	se.	22	18	5	7	4.0	T.	0.0
Middle Atlantic States							45.2	+0.5										71	1.87	−1.0										5.3		
Albany	97	102	115	29.94	30.05	−.03	40.4	+1.1	72	7	48	10	17	33	31	35	30	73	2.76	0.0	8	5,381	s.	33	s.	5	12	6	12	5.2	2.9	2.0
Binghamton	871	10	84	29.09	30.04	−.05	39.2	+0.5	72	7	48	10	18	31	30				1.62	−0.6	8	4,692	sw.	31	nw.	16	8	4	18	6.5	2.2	0.7
New York	314	414	454	29.73	30.07	−.02	44.1	−0.1	68	2	51	18	17	37	25	38	31	64	2.04	−1.4	4	13,639	nw.	7	nw.	16	7	15	8	5.6	T.	0.0
Harrisburg	374	94	104	29.71	30.12	+.02	43.0	+0.2	74	7	51	18	19	35	31	36	30	65	1.63	−0.7	5	4,024	w.	39	nw.	16	10	7	13	5.6	0.6	0.6
Philadelphia	114	123	190	29.98	30.11	+.01	46.4	+0.7	73	2	54	22	17	39	28	40	32	62	1.75	−1.3	7	6,894	sw.	36	nw.	16	9	7	14	5.9	T.	T.
Reading	325	81	98	29.74	30.10		43.6		74	7	52	19	18	35	27	38	34	75	1.44	−1.7	6	3,860	nw.	26	nw.	16	13	11	6	5.1	0.5	0.3
Scranton	805	111	119	29.21	30.09	.00	40.9	+0.4	71	7	49	14	19	33	32	36	33	82	1.63	−0.7	7	5,616	sw.	38	w.	17	7	11	12	6.1	1.7	0.6
Atlantic City	52	37	172	30.04	30.10	.00	46.7	+1.1	72	4	54	20	19	40	22	42	37	71	2.55	−0.7	5	12,708	nw.	62	s.	22	13	8	9	4.5	T.	0.0
Cape May	17	13	49	30.11	30.13	+.03	47.0	−0.4	70	7	54	21	19	40	23	43	38	75	2.19	−1.0	5	6,356	nw.	40	se.	22	15	4	11	4.7	T.	0.0
Sandy Hook	22	10	55	30.05	30.07		44.6		68	2	50	21	17	39	23	39	33	68	2.14		5	12,372	sw.	61	nw.	17	10	11	9	5.2	T.	0.0
Trenton	190	159	183	29.88	30.09		44.1		70	2	52	19	17	36	27	38	33	71	1.58	−1.8	6	7,857	sw.	44	nw.	17	12	8	10	5.3	T.	T.
Baltimore	123	100	113	29.97	30.11	.00	47.0	+0.7	76	2	55	26	17	39	31	40	33	64	1.37	−1.6	7	3,732	sw.	19	sw.	24	10	11	9	5.3	0.2	0.1
Washington	112	62	85	30.00	30.12	.00	46.0	+0.8	76	2	55	23	19	38	34	39	33	67	1.47	−1.2	7	4,364	nw.	30	nw.	16	6	10	14	6.0	T.	T.
Cape Henry	18	8	54	30.09	30.11		51.6		79	6	58	30	30	45	31	46	43	78	2.43	−0.3	4	10,362	sw.	49	n.	2	13	8	9	4.9	T.	0.0
Lynchburg	681	153	188	29.37	30.13	.00	47.7	+0.5	79	4	58	23	26	37	41	41	35	70	1.45	−1.3	6	5,107	w.	32	n.	16	15	7	8	4.8	0.7	0.0
Norfolk	91	170	205	30.03	30.13	+.02	51.6	+0.2	76	6	59	28	30	44	28	45	41	74	2.00	−0.7	6	9,251	ne.	42	nw.	22	14	7	9	4.8	0.3	0.0
Richmond	144	11	52	29.98	30.13	+.01	48.8	+0.5	77	7	58	25	26	39	34	42	38	73	1.61	−0.8	5	5,679	ne.	33	nw.	16	15	5	10	4.9	0.3	0.0
Wytheville	2,304	49	55	27.72	30.15	+.02	44.2	+1.2	70	6	54	22	30	35	33	38	34	76	2.25	−0.8	8	4,924	w.	29	w.	30	14	7	9	4.9	0.5	T.
South Atlantic States							55.4	+1.2										76	1.20	−1.5										2.9		
Asheville	2,255	70	84	27.76	30.16	+.02	47.8	+2.7	73	7	59	21	26	37	39	40	35	71	0.41	−1.9	1	6,225	se.	33	n.	30	19	5	6	3.1	T.	0.0
Charlotte	779	55	62	29.29	30.14	+.01	52.2	+1.6	79	14	62	26	19	42	29	45	40	72	1.37	−1.5	4	3,516	sw.	24	nw.	22	21	3	6	2.8	0.0	0.0
Hatteras	11	11	50	30.10	30.11	.00	56.2	−0.1	77	6	62	36	20	50	22	52	49	81	3.45	−1.2	4	10,733	n.	46	w.	29	13	10	7	4.6	0.0	0.0
Manteo	12	5	42				52.6		80	6		26	20		34				1.76		3		ne.				19	4	7		0.0	0.0
Raleigh	376	103	110	29.73	30.14	+.01	51.7	+0.7	78	14	62	28	18	42	30	45	40	72	1.69	−0.7	4	5,611	sw.	28	nw.	29	17	6	7	3.9	0.2	0.0
Wilmington	78	81	91	30.07	30.16	+.04	56.4	+0.4	81	14	67	30	30	46	28	50	46	79	1.34	−1.1	3	4,623	n.	26	sw.	24	19	8	3	2.7	0.0	0.0
Charleston	48	11	92	30.10	30.15	+.03	58.8	+0.7	80	15	67	34	30	50	24	53	50	82	0.72	−2.2	3	6,702	n.	37	sw.	22	19	4	7	3.2	0.0	0.0
Columbia, S. C.	351	41	57	29.77	30.16	+.04	55.6	+1.6	82	14	66	30	30	45	30	48	43	72	0.95	−1.3	2	4,219	ne.	39	sw.	21	24	4	2	2.3	0.0	0.0
Due West	711	10	55	29.40	30.18		52.5		80	14	63	28	19	42	30				1.67		3	5,787	sw.	35	w.	15	25	3	2	2.1	0.0	0.0
Greenville, S. C.	1,039	113	122	29.02	30.13		52.2	+2.6	77	14	62	28	30	42	28	45	40	70	0.81		2	4,967	sw.	34	w.	22	25	2	3	2.3	0.0	0.0
Augusta	180	62	77	29.96	30.15	+.02	56.0	+1.5	82	14	67	31	26	45	31	50	47	83	1.16	−1.8	3	3,229	nw.	25	nw.	29	22	6	2	2.7	0.0	0.0
Savannah	65	150	194	30.08	30.15	+.03	59.7	+1.2	81	15	69	32	30	50	28	52	48	77	0.48	−1.9	3	7,919	w.	46	nw.	22	23	3	4	2.2	0.0	0.0
Jacksonville	43	209	245	30.10	30.15	+.05	62.4	+0.2	81	15	70	36	30	54	24	55	51	76	0.38	−1.8	6	9,036	ne.	48	n.	22	20	6	4	3.2	0.0	0.0
Florida Peninsula							70.7	−0.4										74	0.46	−1.9										3.6		
Key West	22	10	64	30.04	30.06	+.04	73.4	−0.9	82	7	77	60	30	69	13	67	64	77	0.07	−2.3	3	8,616	ne.	34	nw.	22	17	9	4	3.4	0.0	0.0
Miami	25	71	79	30.05	30.08		71.6	−0.4	80	8	77	50	30	66	21	64	61	72	1.06	−1.8	8	6,750	ne.	27	w.	22	12	12	6	4.4	0.0	0.0
Sand Key	23	39	72	30.04	30.07	+.05	73.4		79	7	76	62	30	71	10	67	63	72	0.46		3	14,633	ne.	39	ne.	25	19	7	4	3.2	0.0	0.0
Tampa	35	79	87	30.09	30.13	+.05	67.0	+0.1	83	7	76	39	30	58	28	59	56	76	0.24	−1.5	2	5,054	ne.	28	nw.	22	17	10	3	3.4	0.0	0.0
East Gulf States							58.5	+2.3										70	0.28	−3.2										2.6		
Atlanta	1,174	190	216	28.91	30.16	+.03	54.6	+2.5	77	14	63	29	29	46	26	47	41	66	0.64	−2.8	2	8,025	nw.	40	nw.	30	19	7	4	2.7	0.0	0.0
Macon	370	78	87	29.76	30.17	+.04	55.2	+1.0	81	14	67	26	26	43	32	47	43	73	1.20	−1.9	3	3,832	nw.	25	nw.	21	20	7	3	2.5	0.0	0.0
Thomasville	273	49	58	29.86	30.16	+.04	60.2	+1.7	82	14	71	32	26	49	31	51	46	72	0.32	−2.3	2	2,777	ne.	20	nw.	22	20	6	4	2.7	0.0	0.0
Apalachicola	36	42	49	30.12	30.16		61.8		78	15	70	37	26	54	25	56	52	79	1.02		2	4,943	nw.	31	nw.	22	25	2	3	1.7	0.0	0.0
Pensacola	56	149	185	30.11	30.17	+.06	62.0	+1.8	80	9	70	37	25	54	25	56	52	76	0.17	−3.6	2	8,361	e.	33	sw.	24	21	7	2	2.4	0.0	0.0
Anniston	741	9	57	29.40	30.20	+.08	53.4	+1.5	80	14	66	21	26	40	42				0.12	−3.3	3	3,323	s.	24	nw.	29	19	6	5	2.7	0.0	0.0
Birmingham	700	11	48	29.41	30.19	+.07	55.9	+2.0	80	14	67	28	29	45	31	46	39	62	0.01	−3.4	1	4,576	nw.	26	s.	23	25	3	2	1.7	0.0	0.0
Mobile	57	125	161	30.11	30.17	+.06	61.6	+2.6	81	1	72	31	26	52	29	54	50	75	0.06	−3.7	1	6,346	n.	29	nw.	24	15	14	1	3.3	0.0	0.0
Montgomery	223	100	112	29.92	30.18	+.06	57.8	+2.0	81	3	69	30	26	46	31	49	42	65	0.19	−2.9	2	3,964	nw.	27	n.	21	22	6	2	2.0	0.0	0.0
Corinth	469	6					54.4		81	4	67	24	29	42	44				1.08		7		se.				10	14	6		0.0	0.0
Meridian	375	85	93	29.77	30.17	+.05	57.0	+2.8	80	1	69	26	26	44	37	48	43	69	0.17	−4.0	1	3,294	e.	24	nw.	23	19	9	2	2.7	0.0	0.0
Vicksburg	247	65	73	29.90	30.19	+.07	59.8	+3.2	82	12	70	34	25	50	29	51	45	66	T.	−4.2	0	4,689	se.	32	nw.	23	14	8	8	4.0	0.0	0.0
New Orleans	53	76	84	30.12	30.17	+.07	65.5	+3.9	82	15	74	44	30	57	30	57	52	70	0.23	−3.6	4	4,152	se.	18	sw.	23	17	12	1	3.3	0.0	0.0
West Gulf States							61.9	+4.2										70	1.00	−2.1										3.6		
Shreveport	249	77	93	29.89	30.17	+.06	59.2	+3.2	84	5	70	32	28	48	35	51	45	67	0.33	−3.8	3	4,608	se.	28	s.	5	14	10	6	3.7	0.0	0.0
Bentonville	1,303	11	44				50.8	+4.1	79	2	62	25	29	40	37				2.21		6	2,832	s.	22	s.	6	19	6	5		0.4	0.0
Fort Smith	457	79	94	29.63	30.12	+.01	54.0	+3.0	82	5	65	27	25	43	37	46	39	65	0.89	−2.4	4	6,182	e.	40	sw.	7	13	8	9	4.7	T.	0.0
Little Rock	357	136	144	29.76	30.14	+.02	54.2	+2.1	80	2	64	30	25	44	34	46	39	63	2.54	−2.0	6	6,517	s.	37	nw.	23	14	8	8	4.4	0.0	0.0
Brownsville	57	53	61	30.04	30.10		72.2	+5.0	86	20	80	44	25	64	29	64	62	80	0.03		2	5,348	s.	27	sw.	23	15	12	3	3.5	0.0	0.0
Corpus Christi	20	11	73	30.12	30.14	+.07	70.4	+6.1	88	23	77	43	25	64	27	64	62	81	0.06	−2.4	2	9,217	se.	38	n.	23	13	16	1	3.6	0.0	0.0
Dallas	512	109	117	29.60	30.16		59.0		84	5	70	35	27	48	38				3.36		4	5,824	s.	33	s.	5	16	5	9	4.1	0.0	0.0
Fort Worth	670	106	114	29.41	30.12	+.02	59.2	+3.7	85	5	70	35	29	48	38	50	42	61	1.60	0.0	6	6,813	s.	36	s.	5	16	9	5	3.7	0.0	0.0
Galveston	54	106	114	30.11	30.17	+.08	67.4	+4.1	79	7	73	48	25	62	19	62	58	75	1.52	−2.5	5	7,676	s.	34	n.	24	20	6	4	2.6	0.0	0.0
Groesbeck	461	11	56	29.66	30.15		60.0		87	6	72	31	25	48	41				2.60		4	7,599	s.	40	sw.	5	19	3	8	3.3	0.0	0.0
Houston	138	111	121	30.01	30.16		66.2	+5.2	83	7	76	41	25	56	31				1.35		5	5,078	se.	24	e.	20	16	8	6	3.9	0.0	0.0
Palestine	510	64	72	29.62	30.16	+.05	60.7	+3.5	84	5	72	36	28	50	32	52	46	67	1.49	−2.1	5	5,377	n.	27	s.	6	13	12	5	3.8	0.0	0.0
Port Arthur	34	58	66	30.11	30.16		65.5		80	14	73	37	25	58	27	59	56	80	2.19		3	6,388	se.	42	nw.	20	17	12	1	3.0	0.0	0.0
San Antonio	693	119	132	29.40	30.13	+.05	66.5	+6.2	86	14	77	36	25	56	34	56	49	61	0.24	−1.5	2	5,661	ne.	32	nw.	23	15	10	5	3.6	0.0	0.0
Taylor	583	55	63	29.56	30.17	+.09	62.4	+4.7	86	13	75	31	25	50	36				0.36	−2.3	3	6,185	s.	31	s.	26	19	5	6	3.2	0.0	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, November, 1924*—Continued

Districts and stations	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	Temperature: Departure from normal	Temperature: Maximum	Temperature: Date	Temperature: Mean maximum	Temperature: Minimum	Temperature: Date	Temperature: Mean minimum	Temperature: Greatest daily range	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with 0.01, or more	Wind: Total movement	Wind: Prevailing direction	Wind: Maximum velocity: Mile per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month
	Ft.	Ft.	Ft.	In.	In.	In.	°F.	°F.	°F.		°F	°F.		°F	°F.	°F.	°F.	%	In.	In.		Miles								0-10	In.	In.
Ohio Valley and Tennessee							46.0	+0.8										69	1.51	−2.6										6.0		
Chattanooga	762	189	213	29.34	30.17	+.03	52.6	+2.2	78	2	62	25	29	43	32	44	37	62	1.01	−2.6	5	4,830	sw.	36	nw.	30	15	10	5	3.8	0.0	0.0
Knoxville	996	102	111	29.07	30.15	+.02	50.7	+2.8	74	7	60	26	26	41	31	44	40	74	0.79	−2.8	5	3,992	sw.	25	ws.	23	11	6	13	5.4	T.	0.0
Memphis	399	76	97	29.72	30.15	+.03	53.8	+2.1	79	4	62	30	29	45	29	46	38	62	2.94	−1.6	6	3,904	se.	30	nw.	15	15	5	10	4.1	0.0	0.0
Nashville	546	168	191	29.57	30.17	+.05	50.0	+1.0	78	2	59	26	26	41	40	43	38	69	1.25	−2.6	6	6,532	s.	36	nw.	22	12	9	9	4.8	0.0	0.0
Lexington	989	193	230	29.05	30.14	+.02	45.0	+0.2	74	4	53	21	29	37	31	----	----	----	1.32	−3.2	10	9,765	sw.	40	sw.	6	7	7	16	6.6	0.8	T.
Louisville	525	188	234	29.54	30.14	+.02	46.6	−0.1	75	4	54	23	29	39	32	40	33	63	1.00	−3.2	8	8,463	s.	36	s.	26	8	9	13	5.9	0.2	0.0
Evansville	431	139	175	29.66	30.14	+.02	47.4	+0.8	76	6	56	23	29	39	33	41	35	68	1.04	−3.1	7	8,625	sw.	38	sw.	6	6	16	8	5.7	0.3	0.0
Indianapolis	822	194	230	29.20	30.10	.00	42.6	+0.3	74	6	50	19	29	35	33	37	33	73	1.75	−1.8	9	9,694	sw.	38	nw.	7	6	16	8	6.0	0.5	0.0
Royal Center	736	11	55	29.25	30.07	----	39.5	----	74	6	48	12	29	31	36	----	----	----	0.88	----	7	8,719	w.	35	w.	7	6	9	15	6.6	2.3	0.6
Terre Haute	575	96	129	29.47	30.10	----	43.7	----	76	6	52	21	29	36	34	38	32	71	2.85	----	9	8,146	s.	37	w.	21	6	14	10	6.1	1.5	0.0
Cincinnati	628	11	51	29.43	30.12	.00	43.6	+1.1	76	6	52	22	29	36	38	----	34	70	4.05	−2.2	9	6,220	sw.	33	sw.	27	7	9	14	6.4	0.5	T.
Columbus	824	179	222	29.21	30.11	.00	41.3	−0.6	73	7	49	19	29	34	33	36	32	75	1.86	−1.2	10	8,035	w.	38	w.	27	5	13	12	6.4	4.0	1.9
Dayton	899	137	173	29.12	30.10	----	41.8	−0.2	73	6	49	19	30	34	34	37	31	69	1.45	−1.4	11	8,139	sw.	38	w.	7	7	9	14	6.4	1.9	0.4
Elkins	1,947	59	67	28.04	30.15	+.03	41.0	+0.7	73	6	52	16	26	30	42	35	30	75	2.65	−0.2	13	4,103	w.	26	nw.	16	6	4	20	7.2	6.4	5.0
Parkersburg	638	77	84	29.47	30.14	+.02	44.6	+0.8	75	7	53	22	18	36	31	38	33	71	1.67	−1.2	10	4,307	sw.	30	nw.	7	5	8	17	7.2	2.9	1.6
Pittsburgh	842	353	410	29.18	30.11	+.01	42.8	−0.4	73	7	50	19	30	36	30	37	32	70	1.39	−1.2	10	8,906	sw.	46	nw.	16	7	7	16	6.7	1.2	0.7
Lower Lake Region							40.0	+0.6										71	1.33	−1.7										6.3		
Buffalo	767	247	280	29.18	30.03	−.02	39.8	+0.4	67	7	47	16	17	33	31	36	32	77	1.90	−1.4	12	15,854	sw.	66	w.	7	5	10	15	6.9	13.2	8.0
Canton	448	10	61	29.49	29.98	----	36.2	+2.3	71	7	44	6	17	29	31	----	----	----	2.94	−0.5	9	9,607	sw.	53	sw.	2	5	7	18	6.9	8.7	1.4
Oswego	335	76	91	----	30.01	−.04	39.6	+0.7	71	7	46	13	17	33	27	----	----	70	1.68	−1.7	11	----	s.	40	nw.	17	5	8	17	----	10.6	6.5
Rochester	523	86	102	29.45	30.03	−.02	40.4	+1.7	73	7	48	16	17	33	28	35	28	66	0.48	−2.3	10	7,043	sw.	37	sw.	7	8	5	17	6.8	1.1	0.2
Syracuse	597	97	113	29.39	30.04	−.02	39.4	+0.7	72	7	46	10	18	33	25	----	----	----	1.93	−0.8	10	8,117	s.	42	nw.	16	4	8	18	7.1	8.5	4.2
Erie	714	130	166	29.25	30.04	−.02	41.2	−0.2	73	7	48	18	30	34	33	37	32	72	1.48	−2.1	12	13,723	s.	46	nw.	16	5	7	18	7.1	8.0	3.0
Cleveland	762	190	201	29.22	30.06	−.01	41.2	+0.3	75	6	49	20	30	34	32	36	31	70	0.91	−1.8	9	10,813	sw.	48	nw.	16	6	9	15	6.4	2.4	2.0
Sandusky	629	62	70	29.37	30.06	−.02	41.2	+0.1	76	6	49	18	30	34	34	----	----	----	0.66	−2.1	7	6,980	sw.	35	nw.	7	5	14	11	5.9	0.5	0.5
Toledo	628	208	243	29.36	30.06	−.01	40.6	+0.2	74	6	48	14	30	33	33	35	30	68	0.75	−1.9	7	12,359	sw.	54	sw.	7	12	10	8	4.8	0.4	T.
Fort Wayne	856	113	124	29.13	30.07	----	40.7	+0.1	74	6	49	15	30	33	32	35	30	72	1.03	----	9	7,903	sw.	37	w.	7	11	7	12	5.6	5.9	1.1
Detroit	730	218	258	29.23	30.04	−.02	39.8	+0.5	71	6	47	14	30	32	33	35	30	70	0.60	−2.0	11	9,638	sw.	49	sw.	7	7	13	10	5.9	1.0	0.5
Upper Lake Region							35.9	+0.4										76	1.58	−0.8										7.1		
Alpena	609	13	92	29.27	29.94	−.07	36.2	+1.8	72	1	43	12	17	29	31	32	29	80	2.63	+0.1	13	9,445	sw.	46	nw.	16	1	11	18	7.8	3.9	0.8
Escanaba	612	54	60	29.26	29.94	−.09	33.6	+0.5	69	1	41	11	17	27	32	30	25	74	1.28	−1.0	8	8,532	nw.	33	n.	6	5	9	16	6.5	1.6	0.2
Grand Haven	632	54	89	29.30	29.99	−.05	39.0	+0.5	68	5	46	13	30	32	32	36	32	76	1.84	−0.7	15	11,377	w.	46	nw.	16	6	6	18	7.4	9.4	3.7
Grand Rapids	707	70	87	29.23	30.01	−.04	39.7	+1.6	72	6	47	12	30	32	33	35	30	70	1.60	−9.9	13	5,376	nw.	30	nw.	7	3	9	18	7.9	7.1	4.0
Houghton	668	62	99	29.16	29.90	−.12	32.5	+0.5	59	5	38	13	17	27	29	----	----	----	2.32	−0.5	16	9,077	w.	52	w.	1	1	8	21	8.1	17.2	7.0
Lansing	878	11	62	29.05	30.01	----	37.8	+0.3	74	6	47	9	30	29	33	33	28	74	0.89	−1.5	8	5,972	sw.	25	sw.	1	9	6	15	6.0	3.1	2.0
Ludington	637	60	66	29.26	29.97	----	37.9	----	65	5	44	18	30	32	28	35	30	73	2.72	----	14	10,626	w.	38	s.	11	5	5	20	7.2	10.7	6.1
Marquette	734	77	111	29.12	29.94	−.08	33.8	+0.5	66	5	41	11	16	27	31	30	26	77	2.02	−0.8	12	9,212	w.	28	sw.	5	4	7	19	7.6	9.5	1.5
Port Huron	638	70	120	29.30	30.00	−.05	38.4	+0.9	69	6	46	14	30	31	32	34	30	74	0.58	−2.1	8	10,084	sw.	49	nw.	16	5	11	14	6.5	1.4	1.0
Saginaw	641	69	77	29.29	30.00	----	38.0	+0.6	73	6	46	12	30	30	34	34	30	76	0.61	−1.7	6	7,943	sw.	37	sw.	1	3	10	17	7.5	0.5	0.4
Sault Sainte Marie	614	11	52	29.20	29.92	−.09	31.8	−0.2	57	1	38	7	30	26	25	30	28	86	3.36	+0.4	16	7,509	nw.	46	nw.	1	2	4	24	8.6	12.5	2.3
Chicago	823	140	310	29.13	30.04	−.03	41.5	+0.3	75	5	49	12	29	34	34	36	30	64	0.86	−1.6	8	10,167	w.	39	sw.	5	9	11	10	5.4	1.0	0.1
Green Bay	617	109	144	29.27	29.95	−.09	35.0	+1.0	71	5	42	8	28	28	31	31	27	75	2.01	0.0	11	9,514	sw.	39	s.	11	5	9	16	6.8	1.9	0.2
Milwaukee	681	125	139	29.25	30.00	−.05	38.0	+0.7	72	5	46	12	29	30	27	34	30	75	1.58	−0.4	10	8,315	w.	35	se.	17	10	4	16	6.4	5.0	0.9
Duluth	1,133	5	47	28.70	29.96	−.08	27.2	−2.8	57	1	35	4	28	19	29	24	21	83	0.47	−1.1	9	10,492	w.	48	nw.	24	7	8	15	6.5	2.6	0.5
North Dakota							27.8	+1.4										75	0.25	−0.5										6.0		
Moorhead	940	50	58	28.97	30.02	−.05	27.9	+0.8	60	19	37	5	28	19	37	24	19	71	0.19	−0.8	8	6,950	nw.	33	se.	8	6	11	13	6.1	2.3	T.
Bismarck	1,674	8	57	28.24	30.08	+.01	30.8	+2.3	64	19	41	2	13	21	40	26	21	72	0.05	−0.6	2	7,685	nw.	40	nw.	20	7	10	13	5.9	0.2	0.0
Devils Lake	1,478	11	44	28.38	30.01	−.05	23.8	+1.2	58	19	32	−4	28	16	31	21	18	80	0.38	−0.3	9	8,355	nw.	39	w.	20	8	9	13	6.1	4.4	0.5
Ellendale	1,457	10	56	28.42	30.02	----	30.2	----	62	19	40	7	28	20	44	----	----	----	0.12	----	5	10,911	nw.	46	nw.	21	7	5	18	6.7	1.4	0.0
Grand Forks	835	12	89	----	----	----	25.4	----	56	19	34	5	28	17	37	22	----	----	0.17	----	3	----	nw.	51	s.	8	9	6	15	5.8	2.2	0.0
Williston	1,878	41	48	28.01	30.05	−.01	28.6	+1.4	55	19	37	−1	13	20	30	25	21	76	0.38	−0.2	3	7,182	w.	48	w.	19	7	12	11	5.6	2.4	0.0
Upper Mississippi Valley							40.1	+1.7										71	1.06	−1.0										5.6		
Minneapolis	918	102	208	28.98	29.99	----	33.0	+0.6	62	1	41	7	29	25	28	----	----	----	0.65	−0.5	6	9,069	nw.	33	n.	6	4	13	13	6.5	3.2	0.0
St. Paul	837	236	261	29.06	29.98	−.08	32.2	−0.3	62	1	40	6	29	24	29	----	----	----	0.75	−0.6	4	9,755	nw.	38	nw.	1	4	15	11	6.5	2.7	T.
La Crosse	714	11	48	29.19	29.98	−.09	36.0	+0.8	71	5	44	9	29	28	29	----	----	----	1.19	−0.3	6	4,703	w.	20	w.	1	9	3	18	6.7	0.2	0.0
Madison	974	70	78	28.95	30.03	−.03	36.0	+0.8	71	5	44	8	29	28	32	32	28	75	2.59	+0.8	9	7,574	nw.	32	s.	11	5	10	15	6.8	2.6	0.1
Wausau	1,247	4	----	28.61	29.98	----	31.6	----	67	5	39	8	28	24	30	----	----	----	2.19	----	11	----	w.	----	----	----	6	6	18	6.7	4.6	2.3
Charles City	1,015	10	49	28.92	30.03	−.05	35.4	+2.4	70	1	44	6	29	26	32	30	26	75	0.66	−0.7	5	5,563	nw.	23	nw.	21	10	9	11	5.5	T.	0.0
Davenport	606	71	79	29.38	30.05	−.03	40.6	+1.6	76	1	49	6	29	32	33	36	31	71	0.60	−1.2	8	5,729	nw.	25	s.	11	12	6	12	5.3	0.5	T.
Des Moines	861	84	97	29.12	30.05	−.03	40.4	+2.0	74	1	51	8	29	30	36	35	30	69	0.53	−1.0	3	5,949	nw.	27	sw.	10	9	10	11	5.4	0.3	0.0
Dubuque	700	81	96	29.24	30.01	−.06	38.4	+1.4	74	1	47	9	29	30	31	33	28	71	0.56	−1.2	7	5,368	nw.	27	sw.	5	7	9	14	6.5	0.6	0.0
Keokuk	614	64	78	29.39	30.08	−.01	43.4	+2.3	79	5	53	10	29	34	39	37	31	67	0.50	−1.4	5	6,929	w.	34	nw.	21	9	10	11	5.4	T.	0.0
Cairo	358	87	93	29.74	30.13	+.01	49.6	+2.3	78	4	59	26	29	41	34	42	36	66	1.81	−2.2	4	6,911	s.	36	s.	6	12	9	9	4.8	T.	0.0
Peoria	609	11	45	29.40	30.08	−.01	41.2	+3.7	75	5	51	10	29	32	34	36	32	75	0.52	−2.1	6	6,054	s.	25	w.	21	12	10	8	4.5	0.2	0.0
Springfield, Ill	636	10	91	29.38	30.07	−.03	43.2	+1.0	76	5	52	14	29	34	36	38	33	74	1.74	−0.9	7	6,870	s.	30	w.	21	13	6	11	5.3	T.	0.0
Hannibal	534	74	109	29.51	30.09	.00	45.0	+2.9	82	5	55	12	29	35	38	----	----	----	1.14	−0.8	6	7,637	sw.	35	s.	11	14	9	7	4.2	T.	0.0
St. Louis	568	265	303	29.48	30.09	−.01	47.6	+2.5	77	3	56	20	29	39	35	40	33	63	1.53	−1.4	7	11,015	s.	52	sw.	5	15	8	7	4.5	1.1	0.0
Missouri Valley							42.0	+3.2										65	0.80	−0.4										4.3		
Columbia, Mo	784	11	84	29.24	30.10	+.01	45.9	+2.6	80	6	56	13	29	36	38	----	----	----	1.50	−0.8	7	7,101	s.	38	nw.	21	14	12	4	3.8	1.9	0.0
Kansas City	963	161	181	29.03	30.09	.00	46.7	+3.0	81	3	56	19	29	37	35	40	33	64	1.16	−0.7	6	9,072	s.	42	nw.	23	15	10	5	3.7	0.2	0.0
St. Joseph	967	11	49	29.01	30.07	----	44.9	----	81	3	55	16	29	35	33	38	31	66	1.04	----	5	6,799	nw.	38	nw.	21	17	9	4	3.3	1.0	T.
Springfield, Mo	1,324	98	104	28.69	30.12	+.02	48.5	+2.8	77	6	58	20	29	39	37	40	34	67	1.71	−0.9	6	8,415	s.	35	s.	5	18	8	4	3.2	T.	0.0
Iola	984	11	50	29.03	30.10	+.01	47.4	+4.4	82	3	59	20	29	35	41	----	----	----	2.24	+0.9	3	5,611	s.	27	s.	5	20	5	5	2.8	T.	0.0
Topeka	987	92	107	----	----	----	46.2	+3.4	84	3	58	18	29	35	38	----	----	----	0.88	−0.4	4	8,089	nw.	40	nw.	21	18	7	5	3.2	0.1	0.0
Drexel	1,299	10	54	28.64	30.05	----	39.2	----	75	1	50	9	29	28	39	----	----	----	0.14	----	3	8,034	nw.	34	nw.	21	9	13	8	5.2	0.3	0.0
Lincoln	1,189	11	84	28.78	30.08	.00	42.6	+3.5	76	1	54	13	29	31	42	34	27	62	0.42	−0.4	3	8,035	s.	46	nw.	23	8	10	12	5.6	0.7	0.0
Omaha	1,105	115	122	28.86	30.08	.00	42.0	+3.5	78	1	52	14	29	32	35	35	27	60	0.36	−0.7	5	6,520	nw.	44	nw.	23	12	11	7	4.9	0.2	0.0
Valentine	2,598	47	54	27.31	30.08	.00	37.6	+3.0	70	1	50	15	13	25	44	30	24	66	0.30	−0.4	5	7,932	w.	38	nw.	20	13	11	6	4.3	5.5	0.0
Sioux City	1,135	94	164	28.82	30.07	−.01	38.4	+3.2	73	1	48	12	29	28	39	33	25	63	0.02	−1.0	2	9,182	nw.	46	nw.	20	7	15	8	5.3	0.2	0.0
Huron	1,306	59	74	28.64	30.07	−.01	34.4	+2.9	62	18	46	10	28	23	44	28	23	69	0.12	−0.5	1	7,619	nw.	40	nw.	23	10	15	5	4.8	1.6	0.0
Pierre	1,572	70	75	28.37	30.07	−.01	37.5	+3.9	63	4	48	14	13	27	37	31	26	69	0.44	0.0	6	7,267	nw.	40	n.	23	12	8	10	4.9	5.2	0.0
Yankton	1,233	49	57	28.71	30.06	−.02	37.4	+2.1	71	1	49	11	29	26	45	----	----	----	0.48	−0.3	5	6,072	nw.	29	nw.	21	8	13	9	5.6	3.5	0.0

TABLE 1.—*Climatological data for Weather Bureau stations, November, 1924*—Continued

Districts and stations	Elevation of instruments: Barometer above sea level	Elevation of instruments: Thermometer above ground	Elevation of instruments: Anemometer above ground	Pressure: Station, reduced to mean of 24 hours	Pressure: Sea level, reduced to mean of 24 hours	Pressure: Departure from normal	Temperature of the air: Mean max. + mean min. ÷ 2	Temperature: Departure from normal	Temperature: Maximum	Temperature: Date	Temperature: Mean maximum	Temperature: Minimum	Temperature: Date	Temperature: Mean minimum	Temperature: Greatest daily range	Mean wet thermometer	Mean temperature of the dew-point	Mean relative humidity	Precipitation: Total	Precipitation: Departure from normal	Precipitation: Days with 0.01, or more	Wind: Total movement	Wind: Prevailing direction	Wind: Maximum velocity: Miles per hour	Wind: Maximum velocity: Direction	Wind: Maximum velocity: Date	Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month
	Ft.	Ft.	Ft.	In.	In.	In.	°F.	°F.	°F.		°F	°F.		°F	°F.	°F.	°F.	%	In.	In.		Miles								0-10	In.	In.
Northern Slope							34.2	+1.4										66	0.75	−0.1										5.3		
Billings	3,140	5					36.0		79	2	49	−10	13	23	61				0.21		4		sw.				16	9	5		1.5	0.0
Havre	2,505	11	44	27.37	30.08	−.05	29.5	−1.7	59	29	39	−19	13	20	49	28	22	79	0.67	−0.1	4	6,154	sw.	37	sw.	20	9	9	12	5.7	6.7	0.0
Helena	4,110	87	112	25.84	30.15	+.05	32.6	−0.6	69	2	42	0	12	24	39	28	22	67	0.84	+0.1	9	5,255	sw.	50	sw.	22	7	10	13	5.8	6.2	1.2
Kalispell	2,973	48	56	27.01	30.15	+.08	31.1	−1.3	50	2	36	7	12	26	19	28	25	79	1.61	−0.3	12	3,104	nw.	38	sw.	20	3	8	19	7.8	5.6	0.0
Miles City	2,371	48	55	27.52	30.14	+.07	35.2	+4.3	59	18	45	−1	13	25	39	30	24	68	0.25	−0.4	5	4,989	nw.	36	nw.	22	10	11	9	5.2	1.1	0.0
Rapid City	3,259	50	58	26.62	30.12	+.04	38.9	+3.0	76	2	51	7	13	27	42	31	23	58	0.70	+0.2	6	6,159	w.	40	nw.	23	13	10	7	4.5	8.0	0.0
Cheyenne	6,088	84	101	24.02	30.09	+.02	38.5	+3.7	70	2	50	15	13	27	35	30	21	51	0.31	−0.1	4	11,329	w.	71	w.	20	12	8	10	4.8	3.2	T.
Lander	5,372	60	68	24.69	30.17	+.07	35.1	+4.8	68	3	48	6	13	22	34	27	20	62	0.09	−0.5	2	3,923	w.	58	sw.	8	14	14	2	4.2	0.9	0.0
Sheridan	3,790	10	47	26.14	30.13		34.0		77	2	47	−8	13	22	47	27	20	65	0.76		10	3,856	nw.	36	nw.	4	13	10	7	4.8	5.5	0.0
Yellowstone Park	6,241	11	48	23.94	30.24	+.13	27.1	−2.2	59	2	36	−2	13	18	28	23	18	71	2.23	+0.8	15	6,446	s.	40	s.	4	9	8	13	5.9	18.4	6.0
North Platte	2,821	11	51	27.14	30.13	+.05	39.6	+3.0	76	1	54	15	7	25	45	30	24	65	0.08	−0.3	4	5,442	nw.	40	nw.	23	15	7	8	4.4	0.8	0.0
Middle Slope							46.5	+3.7										56	0.82	−0.2										3.4		
Denver	5,292	106	113	24.76	30.08	+.02	44.4	+4.6	75	2	57	20	14	31	39	33	18	38	0.14	−0.4	2	5,390	s.	34	w.	27	16	13	1	3.2	2.8	0.0
Pueblo	4,685	80	86	25.34	30.09	+.04	43.0	+3.6	78	5	60	13	14	26	50	32	21	47	0.19	−0.2	2	4,567	nw.	37	nw.	22	16	14	0	3.3	1.8	0.0
Concordia	1,392	50	58	28.58	30.09	+.01	44.8	+3.4	77	5	57	20	29	32	39	36	28	61	0.38	−0.6	3	6,196	nw.	38	nw.	21	17	8	5	3.8	T.	0.0
Dodge City	2,509	11	51	27.49	30.14	+.07	45.9	+3.3	86	5	61	18	25	31	49	35	28	62	0.34	−0.2	1	6,610	nw.	34	nw.	26	21	5	4	2.6	T.	0.0
Wichita	1,358	139	158	28.63	30.09	+.01	48.1	+3.3	81	3	59	24	25	37	36	40	32	62	0.80	−0.4	3	9,952	s	50	s.	10	15	13	2	3.6	0.1	0.0
Broken Arrow	765	11	52	29.29	30.12		51.4		82	5	63	26	24	40	37				1.56		6	10,420	s.	48	s.	6	17	7	6	3.7	0.4	0.0
Muskogee	652	4					53.8		83	2	66	25	29	41	44				2.95		7		se.				13	11	6		T.	0.0
Oklahoma City	1,214	10	47	28.83	30.13	+.05	52.8	+4.0	84	5	64	28	27	41	37	44	37	63	3.04	+0.8	4	7,801	s.	34	nw.	6	16	10	4	3.3	0.0	0.0
Southern Slope							55.9	+4.1										54	0.35	−0.8										3.2		
Abilene	1,738	10	52	28.30	30.13	+.06	57.0	+3.5	85	5	70	26	24	44	41	46	38	58	0.02	−1.2	1	7,017	s.	34	n.	23	18	3	9	3.7	0.0	0.0
Amarillo	3,676	10	49	26.36	30.12	+.07	50.8	+5.3	84	5	64	25	27	37	33	40	32	59	1.25	+0.1	4	7,361	sw.	37	sw.	6	17	10	3	3.7	0.0	0.0
Del Rio	944	64	71	29.12	30.11	+.06	64.6	+4.6	84	6	75	34	28	54	37				0.01	−1.2	1	5,421	se.	37	n.	23	15	9	6	4.0	0.0	0.0
Roswell	3,566	75	85	26.45	30.09	+.06	51.2	+3.1	84	5	59	13	25	34	47	38	25	44	0.12	−0.8	1	5,150	s.	38	w.	6	26	4	0	1.3	0.0	0.0
Southern Plateau							51.5	+2.2										43	0.13	−0.5										2.0		
El Paso	3,762	110	133	26.28	30.05	+.05	56.4	+3.7	82	5	69	25	25	44	36	43	29	38	0.01	−0.6	1	6,246	nw.	37	w.	5	25	4	1	1.4	0.0	0.0
Santa Fe	7,013	38	53	23.32	30.11	+.08	41.3	+2.4	69	2	54	15	24	29	33	31	19	46	0.33	−0.4	2	4,872	n.	34	w.	6	20	7	3	2.6	T.	0.0
Flagstaff	6,907	10	59	23.43	30.11	+.09	37.8	+3.2	70	2	54	12	25	21	46	28		57	0.29		3	4,932	e.	44	e.	23	22	6	2		2.0	0.0
Phoenix	1,108	10	82	28.87	30.03	+.05	62.8	+3.1	96	2	80	34	25	45	47	48	36	46	T.	−1.0	0	2,832	e.	19	ne.	23	24	5	1	1.7	0.0	0.0
Yuma	141	9	54	29.88	30.04	+.06	62.9	+0.5	96	3	78	38	12	48	40	47	29	33	T.	−0.3	0	4,162	n.	30	n.	23	30	0	0	0.6	0.0	0.0
Independence	3,957	5	25	26.12	30.21	+.16	47.8	+0.6	77	3	62	23	7	33	39	35	19	37	0.33	0.0	1	4,776	nw.	47	n.	22	17	12	1	3.6	0.0	0.0
Middle Plateau							39.2	−0.1										56	0.65	−0.2										3.4		
Reno	4,532	74	81	25.59	30.19	+.80	41.4	+0.4	74	21	54	20	13	28	40	34	25	56	0.55	−0.1	1	3,903	w.	44	w.	9	15	12	3	3.3	T.	0.0
Tonopah	6,090	12	20				41.1		67	3	49	12	13	33	22	31	16	40	0.01		1		se.								T.	0.0
Winnemucca	4,344	18	56	25.76	30.24	+.10	37.3	−1.1	72	3	52	8	27	22	46	30	22	61	0.32	−0.4	2	5,745	ne.	40	sw.	9	13	6	11	4.8	0.6	0.0
Modena	5,479	10	43	24.74	30.20	+.12	36.7	+0.3	72	2	53	8	6	20	46	28	20	60	0.44	−0.2	2	6,090	w.	39	n.	22	21	7	2	2.4	1.5	0.0
Salt Lake City	4,360	163	203	25.77	30.21	+.09	40.4	−0.7	68	2	48	20	13	33	22	34	27	62	1.54	+0.1	5	4,199	nw.	37	n.	5	18	1	11	4.3	8.5	0.0
Grand Junction	4,602	60	68	25.52	30.17	+.09	40.0	+0.7	69	3	52	17	26	28	33	32	21	58	0.10	−0.2	4	3,379	se.	38	sw.	5	23	6	1	2.4	T.	0.0
Northern Plateau							38.5	−0.9										73	1.66	+0.3										6.6		
Baker	3,471	48	53	26.57	30.22	+0.6	36.2	+0.2	65	1	44	14	13	28	27	32	27	73	1.15	0.0	9	4,834	se.	30	s.	20	9	7	14	6.1	0.6	0.0
Boise	2,739	78	86	27.34	30.27	+0.9	40.7	−0.3	70	2	49	21	13	32	28	35	25	63	0.85	0.0	9	3,619	se.	34	w.	7	13	5	12	5.4	0.9	0.0
Lewiston	757	40	48	29.35	30.18	+0.6	41.4	0.0	59	26	48	23	30	34	22				2.42	+1.1	16	2,575	e.	30	w.	7	7	5	18	6.8	T.	0.0
Pocatello	4,477	60	68	25.61	30.23	+0.9	36.9	+0.2	71	2	47	14	13	27	31	31	24	64	0.53	0.0	6	7,555	s.	44	s.	9	9	11	10	5.7	0.5	0.0
Spokane	1,929	101	110	28.08	30.18	+0.8	36.0	−2.5	52	2	41	18	12	31	26	34	32	85	2.74	+0.4	16	4,193	sw.	27	s.	7	3	6	21	7.7	5.7	0.0
Walla Walla	991	57	65	29.10	30.20	+0.7	39.6	−3.2	62	19	44	24	13	35	30	37	34	80	2.25	+0.1	14	3,660	sw.	32	s.	7	4	5	21	7.9	1.3	0.0
North Pacific Coast Region							45.7	−0.4										83	5.93	−0.7										7.3		
North Head	211	11	56	29.83	30.07	+0.2	48.4	+0.2	61	27	53	36	12	44	18	45	41	79	5.37	−1.0	19	13,123	e.	78	s.	6	6	5	19	7.4	0.0	0.0
Port Angeles	29	8	53		30.07		42.6		56	20	48	30	13	37	17				4.69	+0.2	18	4,002	s.	26	n.	4	1	10	19		0.0	0.0
Seattle	125	215	250	29.97	30.10	+0.6	44.6	−1.0	59	29	50	31	12	40	21	42	39	82	4.84	−1.0	18	6,913	s.	50	sw.	19	4	8	18	7.3	T.	0.0
Tacoma	194	172	201	29.88	30.09	+0.5	43.8	−0.8	59	19	50	29	12	38	23				5.22	−1.4	19	5,424	s.	42	s.	7	2	10	18	8.0	2.5	0.0
Tatoosh Island	86	9	53	29.92	30.01	+0.4	45.8	−0.1	54	19	49	35	9	42	10	45	44	92	8.43	−3.7	18	16,381	e.	76	s.	4	3	5	22	8.1	T.	0.0
Yakima	1,071	5					37.3		59	20	46	20	27	28	29				2.08		12		sw.				6	13	11	6.2	0.7	0.0
Medford	1,425	4					44.5		76	1	54	25	26	35	35	41	36	78	3.15		12		w.				4	0	26		0.0	0.0
Portland, Oreg.	153	68	106	29.96	30.12	+0.2	45.6	−1.2	59	20	50	30	12	41	20	42	39	81	6.11	−0.3	16	5,127	e.	29	sw.	7	5	5	20	7.5	0.0	0.0
Roseburg	510	9	57	29.60	30.13	+0.4	46.2	+0.3	61	21	52	32	27	40	22	44	42	87	6.88	+2.5	16	1,924	s.	18	sw.	11	5	10	15	6.9	0.0	0.0
Middle Pacific Coast Region							53.4	−0.3										75	2.48	−0.6										4.3		
Eureka	62	73	89	30.09	30.16	+0.5	51.6	+0.5	69	1	59	36	29	44	30	48	46	85	6.37	+0.7	17	4,275	se.	27	s.	7	10	6	14	5.5	0.0	0.0
Point Reyes	490	7	18	29.56	30.08		54.8	+1.8	71	23	59	46	11	50	17				1.23		8	2,923	nw.	70	nw.	12	13	9	8	4.7	0.0	0.0
Red Bluff	332	50	56	29.78	30.15	+0.3	52.2	−1.6	71	15	62	34	10	42	36	47	37	69	1.69	−1.5	9	4,269	nw.	31	se.	7	16	8	6	3.7	0.0	0.0
Sacramento	69	106	117	30.07	30.14	+0.5	51.8	−1.8	71	3	61	35	27	43	29	48	44	74	1.58	−0.8	3	4,612	n.	35	nw.	22	17	9	4	3.9	0.0	0.0
San Francisco	155	208	243	29.97	30.14	+0.5	56.7	+0.4	73	22	65	49	11	50	22	54	49	74	1.56	−1.6	4	5,114	n.	32	n.	22	17	5	8	3.9	0.0	0.0
San Jose	141	12	110	30.00	30.15		53.4	−1.0	75	22	65	34	15	42	36				1.25	−0.6	3	3,917	s.	36	n.	23	14	8	8	4.3	0.0	0.0
South Pacific Coast Region							59.5	+1.5										58	0.83	−0.4										2.8		
Fresno	327	89	98	29.79	30.15	+0.9	55.1	+0.9	83	3	66	35	15	44	34	48	42	63	0.73	−0.3	1	3,081	nw.	27	nw.	10	20	7	3	2.9	0.0	0.0
Los Angeles	338	159	191	29.71	30.07	+0.5	64.1	+3.2	93	21	74	45	18	54	36	50	36	48	1.14	−0.3	3	3,546	ne.	20	ne.	12	23	6	1	2.3	0.0	0.0
San Diego	87	62	70	29.97	30.06	+0.4	60.0	+0.3	80	23	69	46	7	51	31	50	41	61	0.55	−0.3	3	3,698	nw.	23	w.	5	16	11	3	3.2	0.0	0.0
San Luis Obispo	201	32	40	29.90	30.12	+0.6	58.8	+1.5	88	2	73	35	7	45	47	47	38	57	0.89	−0.8	3	2,747	n.	27	ne.	22	19	9	2	2.9	0.0	0.0
West Indies																																
San Juan, P.R.	82	9	54	29.82	29.90		78.4	0.0	89	12	84	70	28	73	15				10.85	+4.0	26	6,419	e.	32	ne.	26	0	21	9	6.4	0.0	0.0
Panama Canal																																
Balboa Heights	118	7	97	29.74	29.86	+0.2	78.0	−1.1	88	18	84	69	10	72	16	74	73	92	12.62	+2.3	23	4,066	nw.	26	s.	5	0	9	21	8.0	0.0	0.0
Colon	36	7	97	29.83	29.86	+0.2	79.4	+0.2	90	1	85	73	5	74	16	75	74	91	30.29	+9.2	25	6,134	sw.	30	nw.	15	0	10	20	8.2	0.0	0.0
Alaska																																
Juneau	80	11	54				36.6		53	17	41	18	7	32	20	33	28	76	9.53		19	6,166	se.	54	e.	6	6	3	21	7.8	6.2	0.0

TABLE II.—*Data furnished by the Canadian Meteorological Service, November, 1924*

Stations	Altitude above mean sea level, Jan. 1, 1919	Pressure			Temperature of the air						Precipitation		
		Station reduced to mean of 24 hours	Sea level reduced to mean of 24 hours	Departure from normal	Mean max. + mean min. ÷ 2	Departure from normal	Mean maximum	Mean minimum	Highest	Lowest	Total	Departure from normal	Total snowfall
	Feet	*Inches*	*Inches*	*Inch*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	°*F.*	*Inches*	*Inches*	*Inches*
St. Johns, N. F.	125												
Sydney, C. B. I.	48	29.92	29.97	+0.02	39.8	+2.7	46.1	33.5	58	24	2.66	−2.78	2.0
Halifax, N. S.	88	29.87	29.98	−.03	41.0	+3.7	48.3	33.6	63	20	2.76	−2.90	3.9
Yarmouth, N. S.	65	29.87	29.94	−.08	42.0	+2.1	48.1	35.9	62	25	2.40	−2.16	1.0
Charlottetown, P. E. I.	38	29.88	29.92	−.04	39.6	+4.1	45.4	33.9	58	24	1.21	−2.76	5.2
Chatham, N. B.	28	29.82	29.85	−.12	34.2	+3.2	41.8	26.6	61	6	2.20	−1.55	8.8
Father Point, Que.	20	29.84	29.86	−.10	29.9	+1.0	36.4	23.3	57	2	2.28	−0.83	14.2
Quebec, Que.	296	29.61	29.95	−.07	33.8	+4.8	38.9	28.7	60	10	3.44	−0.32	9.9
Montreal, Que.	187	29.73	29.94	−.09	35.8	+4.0	42.0	29.6	63	6	3.87	+0.13	5.3
Stonecliffe, Ont.	489												
Ottawa, Ont.	236	29.68	29.95	−.07	35.6	+3.9	43.2	28.1	68	5	1.67	−0.87	4.1
Kingston, Ont.	285	29.68	30.00	−.04	38.5	+3.5	44.7	32.3	61	10	1.97	−1.27	0.6
Toronto, Ont.	379	29.58	30.00	−.04	39.0	+3.4	46.2	31.8	68	13	0.95	−2.19	1.1
Cochrane, Ont.	930												
White River, Ont.	1,244	28.50	29.85	−.13	20.9	+0.4	28.6	13.3	53	−25	1.93	+0.08	17.6
Port Stanley, Ont.	592												
Southampton, Ont.	656												
Parry Sound, Ont.	688	29.22	29.93	−.08	34.2	+2.1	40.4	28.0	66	3	3.98	−0.39	22.4
Port Arthur, Ont.	644	29.19	29.92	−.08	27.2	+3.2	32.1	22.4	54	2	0.70	−0.63	2.9
Winnipeg, Man.	760												
Minnedosa, Man.	1,690	28.10	29.99	−.05	17.4	+0.1	24.5	10.4	39	−11	0.80	−0.20	8.0
Le Pas, Man.	860												
Qu'Appelle, Sask.	2,115	27.66	29.99	−.01	21.1	+2.3	28.5	13.7	48	−14	0.94	+0.05	7.8
Medicine Hat, Alb.	2,144	27.65	29.97	−.03	27.0	−0.4	25.5	18.5	58	−12	0.60	−0.32	6.0
Moose Jaw, Sask.	1,759												
Swift Current, Sask.	2,392	27.43	30.05	+.03	23.4	+0.2	32.2	14.7	52	−16	0.98	+0.29	9.8
Calgary, Alb.	3,428												
Banff, Alb.	4,521	25.35	30.09	+.13	22.1	−3.7	29.5	14.7	42	−15	1.00	−1.27	10.0
Edmonton, Alb.	2,150	27.61	29.96	−.01	22.1	−0.8	29.1	15.2	49	−18	0.69	+0.11	6.5
Prince Albert, Sask.	1,450	28.40	30.03	.00	19.5	+4.1	28.2	10.8	44	−10	0.61	−0.22	5.9
Battleford, Sask.	1,592	28.20	30.01	−.01	21.7	+5.4	29.8	13.6	48	−8	0.92	+0.34	9.2

LATE REPORTS, OCTOBER, 1924

St. Johns, N. F.	125	29.62	29.76	−0.15	45.4	0.0	51.4	39.5	68	30	5.84	+0.49	0.0
Sydney, C. B. I.	48	29.90	29.95	−.01	47.8	+1.3	54.9	40.7	72	28	2.38	−2.31	0.0
Calgary, Alb.	3,428	26.30	29.87	−.08	45.4	+5.3	59.7	31.2	74	19	0.94	+0.46	6.0
Kamloops, B. C.	1,262	28.63	29.92	−.04	50.1	+3.1	59.5	40.7	70	27	0.35	−0.26	0.0
Barkerville, B. C.	4,180	25.51	29.80	−.14	38.6	−1.1	46.0	31.3	58	15	3.16	+0.46	13.2

26176—25†——4

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