this amounts to saying that for the same percentage of clear sky there is also nearly the same percentage of hours during which the limiting thermal or actinic effect prevails. Again, the differences are larger for certain stations at which clear sky largely prevails, so that in the geographical distribution of sunshine the differences follow the same law as in the annual distribution. As regards latitude, both the instrumental and the photographic stations show smaller differences in extreme northern and southern latitudes and larger differences in the medium latitude of 30° to 40°. But this variation with latitude does not appear so plainly in previous years, and it is more proper to study the mean annual differences by climatic groups after plotting them upon the chart representing the mean annual cloudiness for 1897.

TABLE C.—*Instrumental records minus personal estimates at photographic stations.*

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual mean.
Galveston	−3	+5	0	+8	+6	+11	+9	+8	+6	+1	+5	+2	4.8
Savannah	−5	−1	+4	+8	+9	+25	+22	+10	+4	+6	+8	+5	7.9
San Diego	+9	+13	+11	+1	0	−3	−6	−8	−8	+1	+2	+9	1.8
Phœnix	+6	+7	+6	+6	+11	+10	+8	+7	+16	+10	+15	+13	9.6
Los Angeles	+8	+7	+13	+11	+5	+15	+10	+11	+13	+6	+7	+6	9.3
Santa Fe	+9	+14	+12	+11	+8	+11	+9	+14	+14	+6	+11	+9	10.7
Dodge City	+7	+4	+1	+9	+5	+12	+11	+10	+13	+7	+8	+7	7.8
Washington	+4	+5	+9	+7	+5	+12	+12	+17	+6	+3	+6	−1	7.1
Kansas City	+4	+4	0	+8	+2	+9	+9	+4	+4	+7	+1	+6	4.8
Atlantic City	+6	+7	+9	+13	+13	+10	+17	+12	+13	+7	+15	+10	11.0
Denver	+11	+9	+21	+18	+29	+26	+20	+19	+22	+15	+19	+13	18.5
Salt Lake City	+19	+15	+26	+17	+37	+31	+20	+29	.....	+19	+5	−2	.....
Eureka	−1	+1	+7	+9	+6	+3	−3	−12	−2	+3	0	+4	1.2
Cheyenne	+16	+13	+9	+8	+22	+7	+10	.....	.....	+11	+9	+8	.....
Omaha	+4	+11	+10	+9	+10	+19	+11	+15	+8	+9	.....	+1	.....
Northfield	+6	+13	+11	+11	+11	+18	+13	+12	+7	+8	+7	+1	9.8
Eastport	+15	+8	+7	+8	+8	+15	+17	+13	+21	+14	+11	+7	12.0
St. Paul, Minn.	0	0	+1	+7	+12	+11	+15	+14	+11	+6	+3	−2	6.5
Portland, Oreg	−7	−8	−7	+5	+3	−4	0	+9	−7	−9	−3	−3	−2.6
Helena	0	+2	+5	+4	+6	+6	+10	+7	+2	+5	+4	−1	4.2
Bismarck	+7	+10	+6	+4	+6	+12	+2	+2	+5	+6	+10	+3	6.1
Spokane	−11	+3	.....	.....	+11	.....	.....	.....	.....	.....	.....	.....	.....

TABLE D.—*Instrumental records minus personal estimates. Thermometric stations.*

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual mean.
Key West	.....	.....	.....	.....	+20	+20	+27	+30	+26	+11	+12	+15	.....
Tampa	+3	+5	+5	+4	+2	+7	+3	+5	+2	+3	+3	+1	3.6
New Orleans	+2	0	0	0	−1	−1	+1	−1	−1	−1	−1	0	−0.2
Jacksonville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	+15	+10	.....
Vicksburg	+1	+2	0	+3	+18	+22	+23	+9	+4	+6	+1	+2	7.2
Charleston	+3	0	.....	+9	+10	+17	+14	+6	+4	+1	+2	−2	.....
Atlanta	+1	−2	+4	+5	+11	+3	+10	+4	+4	−2	−1	+5	3.4
Wilmington	+4	+4	+4	+7	+10	+12	+10	+4	.....	+3	+7	+3	.....
Little Rock	+12	+16	+11	+21	−24	+32	+26	+20	+17	+15	+19	+12	18.8
Chattanooga	+1	−4	−5	+7	+4	+6	+7	+5	+10	+1	+4	−1	2.9
Oklahoma	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	+4	.....
Raleigh	+8	+13	+12	+19	+17	+17	+36	+24	+14	+8	+11	+1	15.0
Knoxville	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	+3	+5	.....
Nashville	+6	+6	+12	+6	+5	+6	+14	+13	+5	+4	+3	+6	7.2
Fresno	−3	+8	−3	+5	+5	+1	+3	+6	+6	+4	+15	+5	4.3
San Francisco	+13	+8	+8	+11	+13	+19	+4	+6	+8	+14	+15	+16	11.2
Louisville	+8	+10	+15	+15	+22	+25	+24	+18	+9	+7	+14	+7	14.5
St. Louis	+13	+18	+14	+14	+15	+27	+21	+17	+4	+11	+6	+10	14.2
Cincinnati	+1	+2	+9	+5	+8	+20	+14	+5	+2	+3	+1	+6	6.3
Parkersburg	.....	.....	.....	.....	.....	.....	.....	+15	+9	+2	0	+2	.....
Baltimore	−7	+7	+7	−1	+10	+4	−3	−5	−3	+6	+7	+12	2.8
Indianapolis	+19	+16	+15	+11	+9	+9	+22	+16	+9	+10	+9	+3	12.3
Philadelphia	+10	+22	+18	+21	+27	+15	+23	+16	+15	+11	+11	+16	17.1
Columbus	.....	+9	+3	.....	+10	+24	+24	+19	+14	+11	−1	−16	.....
Harrisburg	.....	.....	.....	.....	+30	+28	+23	+22	+12	+14	+18	+14	.....
Pittsburg	−6	+4	.....	+5	+2	+4	+4	−5	−7	−1	+5	0	.....
New York	+9	+19	+11	+18	+20	+19	+13	+16	+3	+6	+16	+8	13.2
Cleveland	+1	+2	+4	+6	+1	+9	+8	+7	+9	+9	+4	0	5.0
Des Moines	+1	+3	+3	+3	+5	+6	+2	+2	+3	+1	0	+3	2.7
Chicago	+1	+2	+4	+3	+5	+5	0	−1	0	+1	+1	−1	1.7
Erie	.....	.....	+17	+6	+7	+5	+14	+21	+13	+8	−11	−7	.....
Binghamton	+1	+5	+1	+6	+8	+8	+15	+15	+6	+8	+8	+4	7.1
Detroit	+7	+10	+11	+8	+12	+11	+14	+13	+6	+6	+4	−1	8.4
Boston	+7	+5	+5	+7	+8	+13	+13	+11	+9	+8	+8	+10	8.7
Dubuque	−4	−7	−1	−5	−3	+1	+4	+2	.....	−3	−3	0	.....
Albany	+7	+23	+19	.....	+11	+21	+27	+23	+19	+24	+13	+7	.....
Buffalo	+2	+11	.....	+29	+17	+21	+31	+18	+11	+19	+11	+10	.....
Yankton	.....	.....	.....	.....	.....	.....	.....	.....	.....	+9	+10	+6	.....
Rochester	+6	+3	+2	+3	+2	+5	+5	+3	+2	+1	+1	+2	2.9
Idaho Falls	.....	+26	+1	−8	−3	+6	+3	+2	+2	0	+3	.....	.....
Portland, Me	+7	+16	+15	+14	+20	+12	+14	+11	+17	+12	+8	+2	12.3
Huron	.....	.....	.....	.....	.....	.....	.....	.....	.....	+3	+2	+5	.....
Portland, Oreg	−5	−4	−4	+1	+3	+3	+3	+11	−6	+2	+8	0	1.0
Tacoma	.....	.....	.....	.....	.....	.....	.....	.....	.....	+16	+6	0	.....
Seattle	−5	+4	+10	0	+17	+14	+5	+8	−4	−15	−8	−13	1.1
Spokane	.....	.....	.....	.....	.....	.....	+23	+24	+6	+10	+2	−3	.....

REDUCTION OF TEMPERATURE AND PRESSURE.

By PARK MORRILL, Forecast Official.

The following Table E gives the original data and the resulting mean annual temperatures and pressures reduced to sea level in accordance with the principles explained in the Summary for 1895, Vol. XXIII, page 492. The temperatures are first reduced to sea level, by applying the general rule of an increase of 2° F. for 1,000 feet of descent, plus a station correction determined from a discussion of normal data. These sea-level temperatures are charted and a system of smooth isotherms is drawn, as shown on Chart IV.

The column temperatures used in computing the reduction of pressure to sea level are given in column 7 and are obtained from the sea-level temperatures by subtracting one-half of the reduction given by the general rule of 2° per 1,000 feet.

The temperatures at the 10,000-foot level are 20° F. less than those at sea level, therefore, the isotherms of Chart IV become the isotherms of Chart V by subtracting 20°.

The pressures in the fourth column are the so-called mean annual apparent station pressures given in Table I, plus a reduction to standard gravity. In the last column of Table E are given the pressures computed from the preceding data for the altitude of 10,000 feet by the same process that was used for reducing to sea level and by the help of the small table printed on page 494 of the Summary for 1895.

The reduced pressures, both for sea level and for the upper level are shown on Charts IV and V, respectively.

For further details see the Summaries for 1895 and 1896.

TABLE E.—*Reduction data for* 1897.

Station.	Elevation.	Latitude.		Mean observed pressure.	Mean observed temperature.	Mean dew-point.	Mean reduction temperature.	Mean pressure reduced to sea level.	Mean temperature reduced to sea level.	Mean pressure at 10,000 feet altitude.
1	2	3		4	5	6	7	8	9	10
New England.	*Feet.*	°	′	*Inches.*	° *F.*	° *F.*	° *F.*	*Inches.*	° *F.*	*Ins.*
Eastport, Me.	76	44	54	29.92	41.5	35	41.6	30.00	41.7	20.52
Portland, Me.	103	43	39	29.89	45.1	37	45.2	30.00	45.3	20.57
Northfield, Vt.	872	44	10	29.09	41.4	34	42.3	30.05	43.2	20.57
Boston, Mass.	125	42	21	29.89	49.9	40	50.0	30.03	50.1	20.67
Nantucket, Mass.	14	41	17	30.03	49.6	44	49.6	30.04	49.6	20.67
Block Island, R. I.	27	41	10	30.02	49.5	43	49.5	30.05	49.5	20.68
New Haven, Conn.	107	41	18	29.92	49.9	40	50.0	30.04	50.1	20.68
Middle Atlantic States.										
Albany, N. Y.	97	42	39	29.95	48.8	40	48.9	30.06	49.0	20.68
New York, N. Y.	314	40	43	29.71	51.6	42	51.9	30.06	52.2	20.72
Harrisburg, Pa.	377	40	16	29.67	52.3	40	52.7	30.08	53.1	20.76
Philadelphia, Pa.	117	39	57	29.94	54.6	44	54.7	30.06	54.8	20.77
Baltimore, Md.	123	39	18	29.92	55.2	43	55.3	30.06	55.4	20.78
Washington, D. C.	112	38	54	29.95	54.9	45	55.0	30.08	55.1	20.79
Lynchburg, Va.	685	37	25	29.34	57.3	45	58.0	30.07	58.7	20.84
Norfolk, Va.	57	36	51	30.02	60.1	51	60.2	30.08	60.3	20.87
South Atlantic States.										
Charlotte, N. C.	773	35	13	29.24	60.4	48	61.2	30.06	62.0	20.89
Hatteras, N. C.	11	35	15	30.06	62.2	56	62.2	30.07	62.2	20.89
Raleigh, N. C.	375	35	45	29.68	60.7	49	61.1	30.09	61.5	20.90
Wilmington, N. C.	78	34	14	29.99	63.7	55	63.8	30.08	63.9	20.93
Charleston, S. C.	48	32	47	30.05	67.1	57	67.2	30.10	67.3	21.00
Augusta, Ga.	180	33	28	29.87	64.8	54	65.0	30.06	65.2	20.94
Savannah, Ga.	82	32	05	29.99	67.5	58	67.6	30.07	67.7	20.97
Jacksonville, Fla.	43	30	20	30.01	70.2	62	70.2	30.06	70.2	20.98
Florida Peninsula.										
Jupiter, Fla.	28	26	57	30.00	74.1	66	74.1	30.03	74.1	21.06
Key West, Fla.	22	24	34	30.01	77.2	68	77.2	30.03	77.2	21.10
Tampa, Fla.	36	27	57	30.02	72.2	63	72.2	30.05	72.2	21.04

TABLE E.—*Reduction data for* 1897—Continued.

Stations.	Elevation.	Latitude.		Mean observed pressure.	Mean observed temperature.	Mean dew-point.	Mean reduction temperature.	Mean pressure reduced to sea level.	Mean temperature reduced to sea level.	Mean pressure at 10,000 feet altitude.
1	2	3		4	5	6	7	8	9	10
East Gulf States.	Feet.	°	′	Inches.	° F.	° F.	° F.	Inches.	° F.	Ins.
Atlanta, Ga	1,131	33	45	28.89	61.8	50	62.9	30.08	64.0	20.93
Pensacola, Fla	56	30	25	29.99	68.6	60	68.7	30.05	68.8	20.99
Mobile, Ala	57	30	41	30.00	67.7	59	67.8	30.06	67.9	20.98
Montgomery, Ala	221	32	23	29.82	66.5	55	66.7	30.05	66.9	20.96
Vicksburg, Miss	254	32	22	29.76	66.7	54	67.0	30.03	67.3	20.95
New Orleans, La	54	29	58	29.98	70.2	60	70.3	30.04	70.4	21.01
West Gulf States.										
Shreveport, La	249	32	30	29.76	67.0	53	67.2	30.02	67.4	20.94
Fort Smith, Ark	481	35	22	29.50	62.0	50	62.5	30.01	63.0	20.86
Little Rock, Ark	302	34	45	29.72	63.1	49	63.4	30.04	63.7	20.90
Corpus Christi, Tex	20	27	49	29.98	70.7	64	70.7	30.00	70.7	20.98
Galveston, Tex	42	29	18	29.99	70.2	63	70.2	30.03	70.2	20.99
Palestine, Tex	310	31	45	29.48	67.0	54	67.5	30.01	68.0	20.95
San Antonio, Tex	704	29	27	29.26	69.5	54	70.2	29.99	70.9	20.98
Ohio Val. and Tennessee.										
Chattanooga, Tenn	762	35	04	29.27	61.0	48	61.8	30.08	62.6	20.91
Knoxville, Tenn	1,004	35	56	29.04	59.1	48	60.1	30.07	61.1	20.88
Memphis, Tenn	399	35	09	29.62	62.8	49	63.2	30.05	63.6	20.93
Nashville, Tenn	545	36	10	29.48	60.4	46	60.9	30.06	61.4	20.88
Lexington, Ky	989	38	02	28.99	55.7	43	56.7	30.04	57.7	20.81
Louisville, Ky	525	38	15	29.49	57.7	44	58.2	30.05	58.7	20.83
Indianapolis, Ind	823	39	46	29.17	53.0	42	53.8	30.06	54.6	20.77
Cincinnati, Ohio	628	39	06	29.38	55.3	43	55.9	30.06	56.5	20.80
Columbus, Ohio	824	39	58	29.16	52.9	43	53.7	30.05	54.5	20.76
Pittsburg, Pa	843	40	32	29.17	53.3	44	54.1	30.07	54.9	20.78
Parkersburg, W. Va	638	39	16	29.39	54.6	44	55.2	30.08	55.8	20.80
Lower Lake Region.										
Buffalo, N. Y	768	42	53	29.19	48.0	38	48.7	30.03	49.4	20.66
Oswego, N. Y	335	43	29	29.66	46.4	38	46.7	30.02	47.0	20.62
Rochester, N. Y	523	43	08	29.45	48.0	38	48.5	30.03	49.0	20.66
Erie, Pa	714	42	07	29.27	48.6	41	49.3	30.05	50.0	20.69
Cleveland, Ohio	762	41	30	29.21	49.5	40	50.2	30.04	50.9	20.69
Sandusky, Ohio	629	41	25	29.36	50.5	40	51.1	30.04	51.7	20.71
Toledo, Ohio	674	41	40	29.31	49.6	40	50.3	30.04	51.0	20.72
Detroit, Mich	730	42	20	29.25	48.4	40	49.1	30.05	49.8	20.69
Upper Lake Region.										
Alpena, Mich	609	45	05	29.35	43.2	37	43.8	30.03	44.4	20.58
Grand Haven Mich	628	43	05	29.33	47.0	39	47.6	30.02	48.2	20.63
Marquette, Mich	734	46	34	29.19	41.6	35	42.3	30.00	43.0	20.53
Port Huron, Mich	639	43	00	29.35	46.8	39	47.4	30.05	48.0	20.65
Sault Ste. Marie, Mich	624	46	28	29.32	39.7	33	40.3	30.01	40.9	20.51
Chicago, Ill	824	41	52	29.15	48.8	40	49.6	30.04	50.4	20.69
Milwaukee, Wis	671	43	02	29.31	46.8	38	47.5	30.05	48.2	20.65
Greenbay, Wis	617	44	31	29.37	44.7	35	45.3	30.05	45.9	20.62
Duluth, Minn	702	46	48	29.24	39.5	32	40.2	30.02	40.9	20.51
North Dakota.										
Moorhead, Minn	935	46	52	28.99	39.2	32	40.1	30.02	41.0	20.53
Bismarck, N. Dak	1,674	46	47	28.22	39.5	27	40.9	30.04	42.6	20.56
Williston, N. Dak	1,875	48	09	27.98	38.8	26	39.8	30.02	41.7	20.53
Upper Mississippi Valley.										
St. Paul, Minn	837	44	58	29.11	43.7	34	44.5	30.02	45.4	20.59
Davenport, Iowa	599	41	30	29.37	50.3	38	50.9	30.02	51.5	20.69
Des Moines, Iowa	867	41	35	29.11	49.6	38	50.5	30.05	51.4	20.71
Keokuk, Iowa	614	40	22	29.38	52.6	41	53.2	30.04	53.8	20.74
Cairo, Ill	359	37	00	29.65	59.2	48	59.6	30.04	60.0	20.83
Springfield, Ill	644	39	48	29.34	52.9	41	53.5	30.04	54.1	20.74
St. Louis, Mo	567	38	38	29.44	57.4	45	58.0	30.05	58.6	20.83
Missouri Valley.										
Kansas City, Mo		39	05	29.01	55.4	42	56.4	30.04	57.4	20.80
Springfield, Mo	1,324	37	12	28.62	56.7	44	58.0	30.01	59.3	20.81
Omaha, Nebr	1,108	41	16	28.84	50.9	40	52.0	30.02	53.1	20.72
Pierre, S. Dak	1,460	44	24	28.42	45.8	34	45.9	30.00	47.4	20.64
Huron, S. Dak	1,306	44	21	28.60	42.2	32	44.8	30.02	46.1	20.61
Northern Slope.										
Havre, Mont	2,494	48	34	27.32	40.0	27	41.9	29.98	44.4	20.54
Helena, Mont	4,108	46	34	25.84	43.3	26	47.3	30.06	51.4	20.71
Rapid City, S. Dak	3,251	44	04	26.59	46.5	29	47.5	29.99	50.8	20.66
Cheyenne, Wyo	6,105	41	08	23.99	44.5	24	49.8	30.01	55.9	20.76

TABLE E.—*Reduction data for* 1897—Continued.

Stations.	Elevation.	Latitude.		Mean observed pressure.	Mean observed temperature.	Mean dew-point.	Mean reduction temperature.	Mean pressure reduced to sea level.	Mean temperature reduced to sea level.	Mean pressure at 10,000 feet altitude.
1	2	3		4	5	6	7	8	9	10
Northern Slope—Cont'd.	Feet.	°	′	Inches.	° F.	° F.	° F.	Inches.	° F.	Ins.
Lander, Wyo	5,372	42	50	24.63	42.6	24	47.6	30.01	53.0	20.70
North Platte, Nebr	2,826	41	08	27.08	49.6	37	52.3	30.01	55.1	20.75
Middle Slope.										
Denver, Colo	5,290	39	45	24.71	49.4	28	52.6	29.97	57.9	20.75
Pueblo, Colo	4,713	38	18	25.25	51.5	27	54.8	29.96	59.5	20.77
Concordia, Kans	1,398	39	35	28.51	54.0	41	55.9	29.99	57.3	20.76
Dodge City, Kans	2,504	37	45	27.38	54.8	40	57.6	29.96	60.1	20.78
Wichita, Kans	1,351	37	41	28.58	57.2	42	58.9	30.00	60.3	20.81
Oklahoma, Okla	1,218	35	26	28.72	59.4	47	60.3	30.00	61.5	20.83
Southern Slope.										
Abilene, Tex	1,749	32	23	28.20	63.8	47	64.6	30.00	66.3	20.91
Amarillo, Tex	3,691	35	13	26.25	55.1	38	58.5	29.98	62.2	20.83
Southern Plateau.										
El Paso, Tex	3,767	31	47	26.15	63.1	32	65.3	29.90	69.1	20.89
Santa Fe, N. Mex	6,998	35	41	23.26	48.2	27	55.5	29.97	62.5	20.82
Middle Plateau.										
Carson City, N. Mex	4,720	39	08	25.26	48.6	27	53.3	29.99	58.0	20.84
Salt Lake City, Utah	4,344	40	46	25.65	50.2	34	54.2	30.03	58.5	20.81
Northern Plateau.										
Baker City, Oreg	3,470	44	50	26.44	45.7	29	52.3	30.01	55.8	20.76
Idaho Falls, Idaho	4,742	43	29	25.24	43.3	29	47.8	30.05	52.5	20.73
Spokane, Wash	1,943	47	40	27.96	48.1	34	49.6	30.03	51.5	20.69
Walla Walla, Wash	1,018	46	03	28.95	53.1	39	51.5	30.05	52.5	20.73
North Pacific Coast.										
Fort Canby, Wash	179	46	16	29.83	50.4	46	50.6	30.03	50.8	20.68
Seattle, Wash	119	47	38	29.91	51.5	43	51.6	30.04	51.7	20.71
Tatoosh Island, Wash	86	48	23	29.94	48.1	43	48.2	30.03	48.3	20.64
Portland, Oreg	153	45	32	29.58	53.1	43	53.3	30.05	53.5	20.74
Roseburg, Oreg	521	43	13	29.48	53.5	43	54.0	30.04	54.5	20.75
Middle Pacific Coast.										
Eureka, Cal	64	40	48	30.02	51.6	46	53.8	30.09	53.9	20.78
Red Bluff, Cal	334	40	10	29.65	62.0	40	55.8	30.01	56.1	20.76
San Francisco, Cal	153	37	48	29.87	55.1	47	55.3	30.04	55.5	20.77
South Pacific Coast.										
Fresno, Cal	332	36	43	29.61	62.3	42	60.1	29.96	60.4	20.79
Los Angeles, Cal	330	34	03	29.61	61.8	49	61.8	29.96	62.1	20.81
San Diego, Cal	87	32	43	29.87	61.0	50	63.5	29.96	63.6	20.84
San Luis Obispo, Cal	201	35	18	29.80	58.3	45	58.5	30.01	58.7	20.80
Canadian stations.										
St. Johns, N. F.	125	47	34	29.71	39.9	....	40.0	29.94	40.1	20.48
Sydney, C. B. I.	55	46	10	29.92	41.6	....	41.7	29.98	41.8	20.51
Halifax, N. S	118	44	39	29.90	43.0	....	43.1	30.03	43.2	20.55
Grand Manan, N. B	49	44	47	29.94	42.4	....	42.4	29.99	42.4	20.52
Yarmouth, N. S	65	43	50	29.94	43.2	....	43.3	30.01	43.4	20.55
Charlottetown, P. E. I	38	46	14	29.93	41.0	....	41.0	29.97	41.0	20.48
Chatham, N. B	21	47	03	29.96	38.4	....	38.4	29.98	38.4	20.45
Father Point, Que	20	48	31	29.95	34.6	....	34.6	29.97	34.6	20.38
Quebec, Que	296	46	48	29.66	38.0	....	38.3	29.99	38.6	20.46
Montreal, Que	187	45	30	29.79	41.4	....	41.6	30.00	41.8	20.50
Rockliffe, Ont	472	46	12	29.48	37.3	....	37.8	30.01	38.3	20.46
Kingston, Ont	285	44	13	29.70	43.6	....	43.9	30.01	44.2	20.56
Toronto, Ont	350	43	39	29.65	44.9	....	45.3	30.03	45.6	20.60
White River, Ont	1,252	48	20	28.67	31.6	....	34.0	30.06	35.3	20.45
Port Stanley, Ont	592	42	40	29.39	44.8	....	45.4	30.05	46.0	20.62
Saugeen, Ont	656	44	30	29.30	42.9	....	43.6	30.02	44.3	20.57
Parry Sound, Ont	635	49	15	29.31	40.6	....	41.2	30.01	41.8	20.53
Port Arthur, Ont	644	48	27	29.29	35.4	....	36.0	30.01	36.0	20.43
Winnipeg, Man	760	49	53	29.15	33.3	....	34.1	30.00	34.9	20.40
Minnedosa, Man	690	50	10	28.17	32.2	....	34.7	30.03	37.4	20.46
Qu'Appelle, Assin	2,115	50	44	27.69	32.8	....	35.1	29.99	37.2	20.43
Medicine Hat, Assin	2,161	50	01	27.65	38.4	....	40.0	29.98	42.2	20.51
Swift Current, Assin	2,439	50	20	27.39	36.1	....	37.8	30.02	40.2	20.50
Calgary, Alberta	3,389	51	02	26.39	35.5	....	38.9	29.96	42.3	20.48
Prince Albert, Sask	1,402	52	55	28.41	34.8	....	37.1	29.95	38.5	20.49
Edmonton, Alberta	2,158	53	14	27.63	34.8	....	37.9	29.96	40.1	20.46
Battleford, Sask	1,620	52	41	28.24	33.6	....	34.4	30.02	36.0	20.43
Prospect, Ber	151	32	23	29.94	70.2	....	70.4	30.10	70.6	21.05
Esquimalt, B. C	28	48	26	29.99	47.3	....	47.3	30.02	47.3	20.62