U. S. DEPARTMENT OF COMMERCE
Luther H. Hodges, Secretary

WEATHER BUREAU
F. W. Reichelderfer, Chief

Washington, D.C. : 1963

CLIMATOGRAPHY OF THE UNITED STATES NO. 85-16

DECENNIAL CENSUS OF UNITED STATES CLIMATE—MONTHLY AVERAGES FOR STATE CLIMATIC DIVISIONS

1931 - 1960

MICHIGAN

The Climatography of the United States No. 85 series presents, by States, tabulations of monthly averages of temperature and precipitation for the period 1931-1960 for each climatic division. These data have been calculated for current publication in monthly Climatological Data for this State for some time, and were supplemented to round out a full 30-year period. This permitted the calculation of normals for these divisions. Each value is the simple arithmetic average of the data for all stations in the division that furnished both temperature and precipitation records. Divisional precipitation averages of less than 0.005 inch are shown as zero. As network density tended to increase during the 30-year period, so also did the number of station data being averaged. The divisional normals are the simple arithmetic averages of the monthly values during the 30-year period. Monthly normals for all stations in the State for which data were available for the full period 1931-1960 can be found in the publication series "Climatography of the United States No. 81-, Decennial Census of United States Climate - Monthly Normals of Temperature, Precipitation, and Heating Degree Days." Issues for each State are for sale by the Superintendent of Documents, Washington 25, D. C., at 5 cents per copy.

MONTHLY AND ANNUAL DIVISIONAL AVERAGES

TEMPERATURE (°F)

YEARS (By Divisions)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
WEST UPPER DIVISION													
1931	20.8	25.0	26.9	41.1	50.8	64.5	68.5	63.1	62.3	50.6	38.5	27.4	45.0
1932	22.6	18.1	19.2	37.3	52.3	63.4	65.8	65.7	56.3	41.9	27.2	16.9	40.6
1933	19.8	11.6	23.0	37.0	53.2	68.0	67.8	63.5	59.5	41.2	25.4	13.6	40.3
1934	20.1	8.1	19.9	36.2	56.7	62.3	65.9	60.5	53.7	46.8	33.4	16.1	40.0
1935	11.3	17.6	26.4	37.2	47.7	56.3	70.1	64.7	54.0	44.6	27.1	18.8	39.7
1936	11.1	1.7	25.3	33.0	54.8	58.2	69.6	64.3	58.3	40.2	25.7	21.4	38.6
1937	10.2	16.1	19.9	36.4	52.4	60.9	67.5	69.5	55.7	41.5	30.1	16.2	39.7
1938	12.2	18.8	30.8	40.1	51.4	59.9	65.7	67.4	55.3	49.4	31.6	20.6	41.9
1939	18.0	11.7	22.3	35.3	53.7	61.7	67.1	64.7	57.3	43.9	33.5	27.4	41.4
1940	11.9	19.6	19.6	35.6	47.5	59.0	66.2	63.8	58.8	47.0	30.0	22.0	40.1
1941	17.0	17.7	22.4	45.0	55.6	62.4	67.0	63.1	58.6	45.6	33.2	25.7	42.8
1942	17.4	16.6	29.3	46.2	49.9	60.9	63.4	64.0	53.4	46.3	30.4	16.4	41.2
1943	10.6	16.5	18.7	36.1	50.2	61.1	67.8	64.4	52.4	45.7	28.4	20.5	39.4
1944	24.3	18.4	22.3	36.3	54.6	60.8	65.3	65.9	56.5	46.4	36.1	18.1	42.1
1945	10.7	17.0	36.2	39.5	45.6	56.2	62.8	64.1	55.8	43.4	29.7	16.2	39.8
1946	16.3	13.6	37.1	41.4	49.6	59.4	65.9	62.4	56.3	48.5	32.4	19.7	41.9
1947	18.1	14.4	23.4	35.1	46.0	57.5	65.5	70.1	56.9	54.5	27.6	19.8	40.7
1948	9.1	13.2	23.3	42.8	49.7	59.2	66.2	65.5	60.2	46.3	34.6	20.0	40.8
1949	18.7	16.5	24.8	43.3	52.1	64.6	66.9	66.0	53.8	48.8	31.3	19.5	42.2
1950	11.5	15.9	19.8	30.6	49.3	60.1	62.0	58.3	55.4	48.6	27.3	16.3	37.9
1951	13.6	16.6	23.0	37.8	55.0	57.0	64.8	60.1	53.0	44.4	24.5	18.0	39.0
1952	16.2	20.5	23.9	43.2	50.7	61.7	67.0	63.8	58.3	40.9	33.9	25.4	42.1
1953	19.1	18.6	28.7	36.5	50.8	61.5	65.6	67.1	56.8	51.5	37.0	23.1	43.0
1954	13.6	26.7	23.6	39.8	45.1	62.5	64.6	62.9	54.3	44.9	35.6	22.2	41.3
1955	16.0	17.0	22.6	47.0	55.4	62.1	70.8	69.2	56.6	48.0	28.2	15.7	42.4
1956	18.5	17.6	22.7	36.4	48.7	62.7	61.4	63.2	52.6	52.0	32.3	21.6	40.8
1957	9.1	17.1	24.8	40.9	50.8	59.9	66.4	63.8	54.6	45.9	32.0	21.4	40.6
1958	15.7	14.0	27.6	41.9	49.7	56.0	63.7	63.5	57.3	47.8	33.6	12.3	40.6
1959	8.5	12.1	25.4	39.3	55.5	62.6	66.7	67.6	57.8	41.9	23.7	26.0	40.6
1960	17.0	17.7	17.7	40.2	50.3	58.9	63.8	65.3	57.2	46.7	34.7	16.8	40.5
NORMAL	15.4	16.2	24.4	39.0	51.2	60.7	66.1	64.6	56.3	46.2	31.0	19.8	40.9
EAST UPPER DIVISION													
1931	22.0	25.1	27.1	39.2	49.5	62.2	68.4	64.5	62.2	51.5	41.0	30.0	45.2
1932	27.5	22.2	22.5	36.7	49.7	61.3	63.9	66.9	58.5	45.1	31.0	22.9	42.4
1933	24.3	16.3	24.7	37.2	50.6	63.3	65.9	62.2	59.1	43.1	27.8	18.7	41.1
1934	21.9	8.9	19.2	34.0	50.6	58.9	63.2	59.4	54.5	45.7	37.2	21.3	39.6
1935	16.4	17.5	26.5	37.1	45.5	55.0	68.0	65.3	54.2	45.4	32.0	21.4	40.4
1936	16.2	6.7	26.5	32.3	50.5	55.5	67.2	63.7	58.0	42.8	28.3	25.8	39.5
1937	17.7	21.0	21.8	37.4	50.7	59.1	65.7	68.1	56.2	43.1	33.5	20.4	41.2
1938	15.5	19.8	28.8	38.7	50.3	57.9	64.8	67.7	55.8	50.0	36.1	24.7	42.5
1939	19.6	13.4	21.9	34.5	50.1	59.6	65.8	65.0	56.8	43.7	33.8	28.6	41.1
1940	15.9	20.4	21.4	35.4	47.1	56.6	64.7	64.5	58.5	46.4	32.2	24.7	40.7
1941	19.2	20.7	23.6	43.5	53.4	61.6	65.7	62.9	57.7	46.7	35.5	27.3	43.2
1942	18.0	18.7	29.9	44.5	49.1	59.9	63.7	64.5	55.0	46.7	33.5	20.0	42.0
1943	15.0	18.9	18.8	34.3	48.5	59.4	66.7	63.8	54.0	45.6	32.0	21.9	39.9
1944	26.3	20.1	22.8	35.7	53.2	59.4	64.9	65.7	57.0	45.7	36.7	21.0	42.4
1945	11.4	17.8	35.0	39.4	44.1	56.5	62.0	64.3	55.5	44.4	33.7	20.0	40.3
1946	19.7	16.7	36.5	39.7	47.8	58.0	64.1	62.1	56.4	49.7	35.6	22.6	42.4
1947	20.2	16.7	24.7	34.2	44.1	56.9	64.5	70.0	58.0	54.4	31.9	22.4	41.5
1948	11.5	14.6	22.9	41.7	48.7	58.4	65.5	64.7	60.1	45.8	37.4	24.1	41.3
1949	20.8	19.9	25.5	40.9	50.2	63.0	67.0	66.2	54.2	49.9	33.1	23.9	42.9
1950	16.6	16.7	20.6	30.7	48.4	57.7	61.9	57.7	54.9	48.5	30.5	19.7	38.7
1951	16.7	18.9	25.9	39.6	54.0	57.4	63.6	60.2	54.0	45.8	27.6	20.1	40.3
1952	19.4	21.5	24.6	42.6	50.0	60.1	66.5	63.4	57.9	41.4	35.9	28.4	42.6
1953	21.5	20.9	29.0	37.5	50.2	60.1	65.5	66.1	56.7	49.8	38.4	25.8	43.5
1954	14.7	26.6	23.9	38.3	45.4	61.1	63.3	62.4	54.6	45.5	36.8	23.5	41.3
1955	18.7	18.2	22.9	44.7	52.9	61.6	70.7	69.1	55.8	48.8	30.6	19.3	42.8
1956	19.1	19.4	21.7	35.8	45.7	61.1	60.9	62.5	52.2	50.2	34.5	22.9	40.5
1957	11.4	18.4	25.2	38.8	49.3	59.0	65.0	62.6	54.8	45.9	34.6	24.9	40.8
1958	20.4	14.6	30.2	41.2	47.0	54.5	62.9	63.4	56.6	47.7	35.8	15.0	40.8
1959	12.4	11.5	23.6	37.4	52.5	61.3	65.6	68.1	58.8	43.4	27.3	27.5	40.8
1960	20.4	20.3	19.3	38.9	50.9	58.3	63.0	65.3	58.0	47.0	37.3	19.5	41.5
NORMAL	18.3	18.1	24.9	38.1	49.3	59.2	65.0	64.4	56.5	46.7	33.7	22.9	41.4

PRECIPITATION (In.)

YEARS (By Divisions)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
WEST UPPER DIVISION													
1931	1.24	1.27	1.63	1.34	2.34	4.33	3.02	2.78	4.84	3.74	3.84	.74	31.11
1932	2.10	1.77	1.62	1.95	3.65	2.21	4.62	6.12	1.84	2.48	2.01	2.41	32.78
1933	1.36	2.25	1.41	2.59	2.33	2.26	2.02	1.60	4.82	3.21	2.18	1.93	27.96
1934	1.52	1.05	1.48	2.22	1.19	2.69	2.12	2.56	7.06	2.09	3.82	2.31	30.11
1935	2.62	.93	1.13	1.75	1.37	4.43	4.72	3.46	1.97	3.21	2.34	1.61	29.54
1936	2.18	1.58	2.32	.96	3.37	2.23	.86	5.11	3.03	1.73	2.44	1.48	27.29
1937	2.47	3.11	.31	1.85	2.35	1.02	4.80	2.88	3.69	3.83	2.91	1.40	30.62
1938	3.30	.99	1.99	3.74	3.56	4.55	3.90	4.56	2.47	2.08	2.95	2.23	36.32
1939	2.46	2.99	2.46	1.95	3.62	7.11	2.11	3.37	1.96	2.36	.49	1.99	32.87
1940	2.28	1.64	1.46	2.21	5.27	4.85	2.53	2.93	2.14	1.79	4.14	1.82	33.06
1941	1.74	2.08	.90	2.69	2.66	2.63	2.86	6.09	5.11	4.22	1.93	1.77	34.68
1942	1.30	.96	3.29	1.48	5.01	3.20	4.85	3.80	6.13	3.60	3.10	2.59	39.31
1943	1.99	1.60	2.52	2.00	3.20	6.66	1.87	3.06	1.80	1.55	2.75	.91	29.91
1944	1.19	1.21	2.52	1.72	3.66	6.54	3.41	3.09	3.76	1.43	2.70	1.88	33.11
1945	1.91	2.60	1.43	3.83	3.54	3.97	2.90	4.14	3.34	1.69	3.16	2.40	34.89
1946	2.37	1.35	1.34	1.00	2.78	6.25	1.92	2.92	3.88	3.14	2.36	1.96	31.27
1947	.97	2.27	.92	3.57	2.99	3.93	1.81	2.96	3.26	.79	2.51	1.56	27.54
1948	2.44	1.42	1.48	2.95	.62	2.55	2.55	2.67	1.59	1.40	4.00	1.62	25.29
1949	2.35	1.28	1.58	.66	3.65	4.39	6.13	2.75	3.49	2.79	3.23	1.23	33.53
1950	4.12	1.30	2.63	3.26	3.08	3.62	4.19	3.22	2.01	1.40	3.89	2.98	35.70
1951	1.32	2.34	3.31	3.63	2.69	6.16	4.24	6.15	4.44	3.04	2.22	1.97	41.51
1952	2.15	.71	1.85	1.95	2.21	4.70	5.82	3.45	1.27	.72	1.83	1.59	28.25
1953	1.70	2.67	2.01	2.86	4.07	5.77	5.22	4.13	2.62	.98	2.02	2.16	36.21
1954	1.76	1.16	2.53	4.33	4.54	4.65	2.10	2.22	5.08	3.59	1.64	.84	34.44
1955	1.51	.99	3.12	2.22	3.99	1.92	4.25	4.28	3.00	3.89	2.75	2.43	34.35
1956	.87	.31	.90	1.54	3.84	3.29	4.20	3.60	2.30	.69	3.26	1.62	26.42
1957	.97	1.35	.82	1.95	2.22	2.67	2.00	2.59	4.83	1.34	4.06	1.29	26.09
1958	1.63	1.00	.94	1.22	2.48	4.57	5.19	4.33	2.35	2.39	3.00	1.98	31.08
1959	.97	.76	1.65	1.55	3.73	3.12	3.14	6.24	6.10	4.55	2.07	1.92	35.80
1960	1.73	1.35	.88	5.27	5.09	3.80	3.54	4.05	2.77	2.53	2.90	1.01	34.92
NORMAL	1.88	1.54	1.75	2.34	3.17	4.00	3.43	3.70	3.43	2.41	2.75	1.79	32.19
EAST UPPER DIVISION													
1931	1.24	1.10	2.05	1.00	3.73	3.74	3.50	1.48	6.56	3.27	4.22	1.84	33.73
1932	3.15	2.22	1.60	1.51	3.55	1.35	4.30	4.30	2.57	4.05	2.35	3.15	34.10
1933	1.76	2.98	2.10	2.86	3.17	1.93	2.97	1.49	3.46	4.24	3.14	2.83	32.93
1934	2.04	.96	1.77	2.38	1.18	2.35	1.69	2.22	4.92	1.75	4.71	2.26	28.23
1935	3.32	.96	1.43	1.09	1.24	4.96	2.73	2.97	2.78	2.76	3.29	1.54	29.07
1936	2.54	2.31	1.63	1.25	3.07	1.40	.93	4.10	2.97	2.68	2.37	2.04	27.29
1937	2.73	2.61	.49	2.13	1.97	.99	4.48	1.47	4.46	2.95	2.86	2.25	29.39
1938	3.77	1.99	2.63	2.62	2.71	3.33	1.67	3.37	3.61	2.21	2.51	2.80	33.22
1939	2.76	2.61	2.88	2.01	2.78	5.50	1.10	3.76	3.52	2.65	.85	1.95	32.57
1940	3.47	1.31	1.59	1.83	3.58	4.46	2.09	2.29	2.75	2.63	3.41	2.27	31.68
1941	1.59	1.81	.85	2.18	3.30	2.66	2.66	4.40	5.14	5.16	2.87	2.82	35.44
1942	1.82	1.23	2.57	1.15	2.81	2.16	2.61	1.80	5.01	3.41	2.78	3.47	30.82
1943	1.68	1.93	2.73	1.73	3.24	8.34	1.50	2.85	1.88	2.50	3.27	1.65	33.30
1944	1.13	1.01	2.50	1.71	2.49	3.91	4.25	2.52	5.13	1.48	3.18	2.55	31.86
1945	2.17	2.38	1.11	3.27	3.62	2.58	2.05	2.99	3.28	2.73	3.96	2.08	32.22
1946	2.73	1.62	1.46	1.20	3.76	3.21	1.84	3.75	3.33	2.56	3.17	2.43	31.06
1947	1.38	2.03	1.36	3.43	4.39	2.70	2.19	1.72	4.13	.67	2.72	1.71	28.43
1948	2.21	1.51	1.52	2.04	1.15	2.50	2.39	2.49	1.30	2.26	6.02	1.59	26.98
1949	2.80	1.70	2.04	.69	3.25	5.35	4.98	2.58	3.47	2.79	3.03	1.77	34.45
1950	3.42	1.70	2.87	3.09	1.98	3.23	2.29	2.92	1.83	1.92	3.40	2.52	31.17
1951	1.35	2.68	2.95	2.39	2.23	3.79	5.35	4.30	4.25	3.91	2.33	2.24	37.77
1952	2.34	.66	1.91	1.49	2.68	3.47	5.67	4.91	2.27	.78	3.00	2.04	31.22
1953	2.32	2.90	2.08	4.04	2.50	4.44	3.45	2.63	3.17	1.16	1.89	2.64	33.22
1954	1.68	1.73	1.89	5.00	2.64	4.05	1.91	1.84	6.33	3.31	1.32	.66	32.36
1955	1.41	1.17	2.95	2.06	2.17	1.99	1.79	3.07	1.59	4.14	2.77	2.23	27.34
1956	.95	.67	1.49	1.84	3.28	3.64	4.63	3.00	3.32	.69	3.43	1.69	28.63
1957	1.14	1.34	1.20	2.50	3.70	2.80	3.11	2.74	4.07	1.65	4.91	2.35	31.51
1958	1.57	1.12	.69	1.87	1.91	2.76	4.06	3.59	3.23	1.75	3.49	2.86	28.90
1959	1.51	.84	2.48	1.97	3.17	2.73	3.38	5.46	5.91	5.53	2.27	1.82	37.07
1960	1.97	1.83	1.19	4.92	6.93	4.33	4.18	3.36	4.18	2.39	3.33	1.41	40.02
NORMAL	2.13	1.70	1.87	2.24	2.94	3.36	2.99	3.01	3.68	2.67	3.10	2.18	31.87

MONTHLY AND ANNUAL DIVISIONAL AVERAGES

MICHIGAN

YEARS (By Divisions)	TEMPERATURE (°F) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	PRECIPITATION (In.) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
NORTHWEST LOWER DIVISION																										
1931	25.0	27.3	27.9	42.8	52.0	65.8	71.9	67.1	64.8	52.8	44.2	31.5	47.8	1.16	.53	2.17	.82	3.96	2.04	1.43	1.70	6.74	5.12	4.74	2.08	32.49
1932	31.0	26.4	25.0	39.3	53.6	64.9	68.6	68.9	59.7	48.4	33.9	26.3	45.5	2.51	2.27	.97	1.46	3.73	2.77	3.20	3.74	1.50	5.83	1.75	2.15	31.88
1933	29.2	20.4	28.1	42.0	55.5	69.0	70.6	65.4	63.5	47.1	31.4	22.9	45.4	1.33	1.78	1.55	2.92	3.75	2.84	1.57	1.44	2.96	4.93	1.79	2.48	29.34
1934	25.7	11.1	23.3	39.7	56.4	66.3	68.8	63.7	59.9	48.8	41.0	23.3	44.0	1.29	.57	2.02	2.19	1.32	3.34	1.28	1.99	5.51	2.47	5.20	1.14	28.32
1935	20.2	20.6	31.3	41.1	47.7	59.7	72.2	67.5	56.8	47.8	35.2	22.6	43.6	1.42	1.00	1.43	.79	.97	2.63	2.10	4.35	3.33	1.97	3.00	1.18	24.17
1936	18.1	10.1	30.9	36.8	56.5	59.7	70.5	67.2	61.8	45.2	31.1	27.9	43.0	1.79	1.46	.81	1.58	2.64	1.52	1.05	3.88	3.97	3.76	1.52	2.71	26.69
1937	22.3	23.1	25.0	40.8	53.9	62.0	69.7	71.0	59.4	45.7	35.7	22.6	44.3	2.26	1.50	.41	2.23	1.41	2.18	4.41	2.51	5.40	3.43	2.96	1.50	30.20
1938	19.3	22.9	33.8	43.8	53.3	61.8	68.5	70.4	57.0	52.7	39.3	28.2	45.9	3.52	2.53	1.95	1.00	3.50	2.05	2.11	4.36	3.76	1.29	2.13	2.14	30.34
1939	23.2	19.4	27.2	38.6	55.2	64.6	69.7	68.4	60.9	48.0	35.6	30.8	45.1	2.04	1.54	.79	1.67	2.80	4.13	1.51	6.55	2.96	2.91	1.08	1.61	29.59
1940	18.2	22.4	24.3	37.9	50.9	62.1	68.6	66.1	59.5	48.3	35.0	27.9	43.4	2.38	.88	.85	2.24	4.02	3.80	2.26	5.36	2.91	2.43	3.32	1.53	31.98
1941	22.3	21.5	24.3	47.1	56.1	65.0	68.8	65.2	61.3	48.0	38.2	30.7	45.7	1.83	1.22	.88	2.27	2.26	1.26	1.98	2.64	4.92	6.49	2.94	1.40	30.09
1942	20.4	18.5	31.1	47.2	52.8	63.1	66.4	66.1	56.4	47.4	35.3	22.3	43.9	1.89	.75	3.11	1.55	5.41	3.24	2.79	1.26	6.21	1.98	2.14	3.44	33.77
1943	15.5	19.8	21.7	37.2	51.0	65.5	67.9	66.3	55.2	46.5	33.3	23.9	42.0	1.91	1.98	3.08	2.12	3.02	5.56	2.18	2.80	1.25	2.67	4.03	1.10	31.70
1944	27.1	22.7	25.5	38.2	57.6	64.6	67.4	68.3	59.8	46.4	39.4	22.8	45.0	1.23	1.57	2.15	2.14	2.32	4.91	2.71	1.66	5.42	1.58	3.10	1.50	30.29
1945	14.9	21.8	40.7	44.9	48.5	59.1	65.1	66.3	57.9	46.1	36.6	21.3	43.6	1.28	1.64	1.26	3.25	5.76	3.70	3.24	4.37	5.44	3.25	4.37	1.67	38.23
1946	22.7	18.9	40.1	43.0	50.7	61.7	67.7	66.8	59.4	51.8	38.6	26.1	45.4	2.65	1.48	1.59	.79	3.17	3.17	2.12	1.86	3.12	1.17	3.03	2.78	26.93
1947	23.5	18.1	25.6	39.3	47.9	61.0	67.0	73.2	61.4	57.1	32.9	24.9	44.3	1.91	1.51	1.58	3.40	5.83	1.87	2.48	1.15	5.18	1.00	2.63	1.73	30.27
1948	15.0	17.6	26.4	46.7	49.9	61.3	68.1	67.2	61.6	46.8	41.1	27.5	44.1	1.34	1.60	2.87	3.57	2.01	2.83	3.39	1.66	1.39	2.08	3.99	2.09	28.82
1949	24.8	23.7	29.1	42.5	54.2	67.2	70.6	68.2	56.8	52.6	34.8	27.1	46.0	2.54	2.00	1.87	1.77	1.94	4.32	3.13	1.68	2.43	1.79	2.92	2.00	28.39
1950	23.8	20.6	24.3	34.4	52.3	63.0	64.8	61.5	57.3	52.2	33.0	23.0	42.5	3.41	1.53	2.25	2.98	1.78	2.50	3.77	4.17	3.15	2.14	2.64	1.88	32.20
1951	20.0	22.4	28.8	41.8	56.6	60.5	66.3	63.3	56.4	49.3	28.5	24.6	43.2	1.76	1.83	2.33	3.97	1.84	1.92	4.36	2.72	3.55	5.71	3.26	2.48	35.73
1952	23.9	23.4	26.7	44.9	52.2	64.8	70.1	65.7	60.3	42.8	38.3	29.5	45.2	2.86	.77	2.49	2.38	1.94	2.89	6.34	2.99	1.58	.75	3.83	2.14	30.96
1953	24.4	23.9	31.7	39.7	53.3	64.2	68.0	67.8	59.4	52.1	41.2	29.8	46.3	2.26	3.21	1.81	3.09	2.60	3.38	3.47	2.31	2.82	1.02	1.72	2.16	29.85
1954	19.2	29.0	26.9	42.9	47.8	64.7	65.5	64.7	58.0	48.0	38.7	25.5	44.2	1.52	1.64	1.26	4.74	2.39	7.05	2.19	1.26	4.54	4.91	1.20	1.34	34.04
1955	21.5	21.1	27.5	48.1	55.5	63.8	73.9	72.5	59.1	51.4	33.2	23.2	45.9	1.55	.91	1.48	2.44	2.24	2.14	1.84	1.79	1.03	3.24	2.41	1.95	23.02
1956	21.6	21.9	24.8	38.7	50.0	64.5	64.0	65.7	55.2	53.6	37.7	28.3	43.8	.72	.82	2.19	2.89	2.70	2.40	4.10	3.99	1.67	.94	2.85	1.66	26.93
1957	16.3	23.7	29.5	43.1	52.1	62.9	68.0	64.9	57.2	46.5	36.8	27.9	44.1	1.34	.77	.95	2.61	3.97	4.06	3.24	2.53	2.80	1.92	3.45	1.80	29.44
1958	22.8	17.7	31.3	43.4	50.3	57.5	65.3	65.7	58.7	50.5	38.3	17.7	43.3	.92	.83	.50	1.73	1.44	2.74	2.58	3.88	4.00	2.63	3.37	1.85	26.47
1959	15.5	15.5	26.1	40.7	57.6	64.3	68.0	71.4	61.5	46.1	30.6	30.1	44.0	1.49	2.07	2.28	3.61	2.99	1.06	1.81	6.41	3.95	4.90	2.41	1.78	34.76
1960	23.6	21.6	20.7	43.3	53.2	60.1	64.9	67.0	60.9	48.2	40.0	22.4	43.8	2.04	2.10	1.49	3.75	4.82	3.44	3.37	3.26	3.60	1.80	3.46	1.47	34.60
NORMAL	21.7	20.9	28.0	41.7	52.8	63.2	68.2	67.0	59.2	48.9	36.3	25.8	44.5	1.87	1.48	1.68	2.40	2.92	3.06	2.73	3.01	3.57	2.87	2.91	1.89	30.39
NORTHEAST LOWER DIVISION																										
1931	22.1	25.4	27.2	41.7	52.5	63.7	69.8	65.0	62.7	51.3	42.8	29.7	46.2	1.13	.63	2.27	1.84	3.83	3.33	1.58	2.03	5.59	3.84	3.60	1.73	31.40
1932	30.3	24.6	23.9	37.2	52.0	62.6	65.7	66.2	56.7	46.3	32.1	24.8	43.5	2.37	1.72	.76	1.82	4.07	3.26	3.75	3.20	1.78	5.61	1.36	2.27	31.97
1933	26.7	18.0	26.6	39.7	54.1	66.7	68.7	63.5	61.2	45.1	28.3	20.3	43.2	1.32	1.73	1.79	3.18	4.08	2.02	1.81	.84	2.71	4.98	1.76	2.35	28.57
1934	23.3	7.1	21.3	37.8	55.3	64.1	67.2	61.6	58.3	46.5	38.8	21.1	41.9	.95	.55	1.93	1.56	.94	2.70	1.77	1.99	5.57	2.19	3.64	1.20	24.99
1935	17.4	17.4	29.7	40.0	47.7	59.1	70.8	65.5	54.8	46.4	34.4	19.8	41.9	1.53	1.14	1.66	.71	.86	3.44	2.03	4.04	2.74	1.95	2.38	.84	23.32
1936	16.6	8.2	29.9	35.6	55.8	59.4	69.0	65.4	59.1	43.6	29.9	27.3	41.7	1.68	1.56	1.00	2.04	3.10	1.38	1.43	3.57	4.10	3.85	1.23	1.65	26.59
1937	21.5	22.9	24.2	39.5	53.9	62.0	68.3	69.4	57.5	43.8	34.5	21.3	43.2	1.79	.99	.30	2.63	1.34	1.59	4.18	2.21	6.23	2.32	2.14	.95	26.67
1938	16.8	22.1	32.8	42.9	52.1	61.8	67.5	69.7	55.6	50.5	38.1	26.1	44.7	2.86	2.58	2.42	1.13	3.02	2.48	2.27	5.22	3.21	1.29	1.48	2.15	30.11
1939	21.3	17.1	24.2	37.5	54.8	63.0	67.9	66.6	58.2	45.7	34.0	28.6	43.2	1.99	1.90	1.17	2.24	3.49	3.43	1.29	5.75	2.78	2.24	.76	1.48	28.52
1940	16.2	20.5	22.2	36.7	50.4	61.7	67.2	64.5	58.0	46.7	32.9	25.8	41.9	1.82	1.02	.86	1.74	3.14	3.45	2.82	5.32	3.88	2.58	3.02	2.13	31.78
1941	18.8	19.8	21.9	45.8	56.2	64.5	69.1	64.6	60.2	48.1	37.9	29.2	44.7	1.66	1.02	.99	2.22	2.86	1.11	2.96	3.43	4.66	5.18	2.95	1.60	30.64
1942	19.7	17.6	30.4	47.6	53.0	62.5	66.1	65.4	56.8	47.5	34.5	21.2	43.5	1.45	.48	3.23	1.27	4.12	2.42	2.95	1.62	4.70	1.77	1.57	2.95	28.53
1943	14.7	20.4	21.8	37.1	50.8	65.4	67.1	66.0	54.8	45.7	33.4	22.7	41.7	1.61	1.87	3.08	1.94	2.73	5.26	2.56	2.58	1.85	1.81	3.27	.68	29.24
1944	27.0	21.9	24.5	37.1	56.7	64.8	66.8	67.3	59.0	46.2	37.6	20.9	44.2	.87	1.04	2.13	1.73	2.37	4.10	3.29	2.11	4.33	1.40	2.68	.91	26.96
1945	13.0	20.8	39.5	44.8	47.7	59.2	64.6	65.8	57.0	45.6	36.1	20.3	42.9	.89	1.45	1.20	3.06	4.72	3.46	2.26	3.10	4.57	3.33	2.95	1.47	32.46
1946	20.7	17.3	38.6	42.3	49.8	61.1	66.1	62.4	58.4	50.9	37.6	24.2	44.1	2.29	1.53	1.31	.93	3.21	3.49	2.76	2.39	3.04	.76	2.43	2.43	26.57
1947	21.5	16.9	24.8	37.3	47.4	60.0	66.6	72.1	59.4	56.0	32.4	24.3	43.2	1.86	.93	1.60	3.12	5.34	1.87	3.08	1.86	5.12	.63	2.66	1.20	29.27
1948	13.8	16.8	26.2	44.8	49.9	58.3	67.5	67.0	61.4	46.6	40.4	26.6	43.3	1.00	1.31	3.05	2.94	1.73	3.45	2.45	1.37	.92	1.35	3.94	1.67	25.18
1949	24.9	23.8	28.4	42.4	53.5	66.4	69.5	67.5	55.8	51.7	33.3	26.3	45.3	2.39	1.90	1.40	1.81	2.08	4.08	2.23	2.13	2.30	1.71	1.91	2.14	26.08
1950	23.3	19.7	22.6	34.0	51.8	62.5	64.9	61.4	55.9	51.2	33.3	21.7	41.9	3.49	2.34	2.05	2.64	1.30	2.52	3.56	3.76	3.63	2.00	2.19	1.66	31.14
1951	19.2	21.2	28.6	41.4	56.4	60.9	66.1	63.0	55.9	49.1	28.4	23.6	42.8	2.06	1.73	2.41	3.54	2.27	2.75	5.07	2.81	3.86	5.06	2.46	2.42	36.44
1952	22.4	23.0	26.5	44.6	51.9	64.5	69.7	65.3	60.0	43.0	37.4	29.7	44.8	2.53	.92	2.31	2.46	1.69	2.69	5.77	3.11	1.49	.42	3.32	1.94	28.65
1953	24.3	23.9	30.7	39.1	53.4	64.1	67.9	67.5	58.5	51.4	40.5	28.7	45.8	1.77	2.66	1.95	2.87	3.98	2.65	3.50	2.61	3.89	1.09	1.67	1.86	30.50
1954	17.8	28.3	26.3	42.6	48.7	64.9	66.0	64.7	57.9	48.7	38.2	23.7	44.0	1.41	1.42	1.55	4.64	2.81	5.50	1.73	1.80	5.31	4.86	1.84	1.61	34.48
1955	19.7	19.9	26.9	47.8	56.6	64.0	73.3	72.1	58.2	50.8	32.6	21.3	45.3	1.18	1.16	2.04	2.30	2.38	1.69	1.68	3.25	.69	2.90	2.63	1.81	23.71
1956	20.1	21.0	24.2	38.4	50.2	63.8	63.8	64.8	53.8	52.4	36.1	26.7	42.9	.60	1.17	1.75	3.03	2.52	2.51	4.22	4.41	1.90	.73	2.61	1.44	26.89
1957	14.9	23.4	29.0	43.2	51.6	62.6	67.1	64.1	56.9	46.1	36.3	27.2	43.5	1.12	.64	1.15	3.23	3.69	5.07	3.28	1.60	3.22	2.29	2.98	1.69	29.96
1958	21.0	16.1	31.5	43.3	50.8	57.6	65.5	65.9	58.4	49.7	37.5	16.2	42.8	1.13	.70	.55	1.44	1.12	2.25	2.41	2.62	3.44	2.91	3.00	1.05	22.62
1959	14.5	14.8	26.3	41.2	57.0	64.8	68.1	71.2	61.0	45.7	29.7	28.4	43.6	1.27	1.79	2.04	3.87	3.94	1.21	2.74	5.05	3.74	4.51	2.78	2.15	35.09
1960	21.9	20.7	20.2	42.6	53.7	60.7	65.2	65.7	59.6	47.8	39.1	20.2	43.1	1.54	1.67	1.54	3.22	4.64	3.21	3.25	2.16	2.64	1.78	3.15	.69	29.49
NORMAL	20.2	19.7	27.0	40.9	52.5	62.6	67.4	66.0	58.0	48.0	35.3	24.3	43.5	1.65	1.39	1.72	2.37	2.91	2.95	2.82	2.93	3.46	2.58	2.48	1.67	28.93
WEST CENTRAL LOWER DIV																										
1931	27.3	30.0	30.5	44.6	52.8	67.4	72.0	68.1	65.4	53.5	44.9	33.1	49.1	1.61	.54	2.20	1.50	3.24	2.67	.87	2.12	6.74	4.59	4.33	1.87	32.28
1932	32.3	28.6	26.2	42.0	55.5	66.9	69.3	69.0	59.2	48.7	34.4	26.9	46.6	2.41	1.55	1.68	.86	2.87	2.71	2.47	3.02	1.06	5.53	1.83	1.91	27.90
1933	30.9	21.3	30.0	43.6	56.5	69.8	71.6	66.2	64.6	47.8	33.3	25.1	46.7	1.09	1.84	1.59	4.08	6.10	2.33	1.71	2.08	5.30	4.36	2.15	2.27	30.90
1934	28.0	13.8	26.1	41.6	58.0	68.6	72.0	65.0	58.8	50.3	42.3	23.9	45.7	1.61	.43	2.04	1.48	1.46	2.50	.81	4.41	5.37	2.30	5.81	1.26	29.48
1935	22.1	22.5	33.7	42.5	49.6	60.7	73.4	68.9	58.7	48.8	36.6	24.1	45.1	1.78	1.63	1.59	1.17	2.11	2.00	2.57	2.82	2.87	1.79	3.78	1.12	25.23
1936	18.9	10.7	32.9	38.6	58.2	61.6	72.9	69.3	62.7	46.9	33.7	28.7	44.6	2.24	1.93	.84	1.99	2.20	1.48	1.35	4.25	5.28	3.76	1.33	3.96	30.61
1937	24.0	24.3	27.4	42.2	55.7	63.6	70.5	71.7	60.2	46.2	35.6	23.4	45.4	2.38	1.99	.79	2.93	1.79	3.42	3.20	1.80	3.75	3.49	3.39	1.78	30.71
1938	20.0	26.1	37.3	45.1	55.3	63.1	68.6	70.2	57.5	52.7	39.6	28.5	47.0	4.46	4.45	3.02	.47	2.88	4.04	1.57	5.76	2.85	.97	1.57	1.59	33.63
1939	24.8	21.6	29.3	39.7	56.6	65.7	69.7	68.4	62.0	49.2	36.4	31.8	46.3	2.13	1.83	.90	2.59	1.79	3.94	1.56	5.09	3.25	2.28	.72	1.31	27.31
1940	17.8	23.5	26.0	40.0	52.0	63.6	69.6	67.2	59.4	49.2	35.8	29.0	44.4	2.75	.86	1.48	2.36	3.20	4.98	.87	4.60	2.15	2.53	3.59	2.09	31.46
1941	24.2	21.6	26.1	48.8	57.2	65.9	69.6	66.8	63.1	51.7	40.2	33.5	47.4	2.24	1.63	1.01	2.18	3.15	1.62	2.80	3.01	5.86	5.26	2.82	1.26	32.84
1942	23.2	20.9	36.4	48.9	56.1	65.7	68.7	67.9	59.1	49.3	38.2	23.9	46.5	2.32	.91	2.84	1.24	4.24	4.08	2.38	1.41	4.34	2.42	3.04	3.87	33.09
1943	18.1	23.3	27.1	39.8	52.5	68.1	70.4	69.3	57.4	48.6	34.6	25.7	44.6	2.26	1.76	2.42	2.06	3.72	3.59	2.28	3.06	1.34	2.21	3.38	.83	28.91
1944	28.5	25.0	28.4	41.0	59.3	67.5	69.7	70.0	61.9	48.0	41.4	24.5	47.1	1.07	2.07	2.35	1.94	2.60	3.49	2.88	2.71	3.96	.87	2.20	1.80	27.94
1945	17.3	24.4	43.6	46.9	50.5	61.2	67.0	68.0	60.5	47.3	39.1	22.6	45.7	.95	1.64	1.23	2.76	5.05	4.47	2.64	1.94	6.43	2.28	3.54	1.72	34.65
1946	24.7	21.7	42.3	45.9	53.3	63.7	69.8	65.6	51.8	53.7	39.5	28.5	47.6	2.89	1.96	2.10	.93	2.55	3.51	1.00	2.82	2.11	1.73	3.81	2.94	28.35
1947	24.9	20.7	27.5	42.0	50.0	63.2	67.4	75.1	63.4	58.6	34.5	27.6	46.2	2.42	2.18	1.25	5.47	5.23	2.12	3.87	1.51	4.64	.65	2.67	1.78	33.79
1948	16.9	21.3	30.0	49.0	51.7	64.3	70.2	68.9	64.3	48.5	42.2	28.9	46.4	2.34	1.83	4.52	2.84	3.02	3.69	1.97	1.20	2.27	1.16	3.71	1.83	30.38
1949	27.5	25.7	32.8	44.1	56.6	69.4	73.0	69.8	57.0	54.3	37.1	30.2	48.1	2.77	2.49	2.30	1.90	1.46	4.02	4.09	2.12	2.74	2.15	2.72	3.57	32.33
1950	26.5	23.0	27.2	37.5	55.6	64.3	66.1	64.8	59.0	53.5	34.2	24.0	44.6	3.44	2.58	2.75	4.14	2.13	3.09	3.36	2.21	2.28	1.39	2.37	3.09	32.83
1951	22.6	24.4	32.2	43.1	58.6	63.0	67.2	65.1	57.9	50.6	29.8	26.7	45.1	2.28	2.18	2.27	5.03	1.37	2.16	2.47	3.41	3.56	5.32	3.60	3.03	36.68
1952	26.2	26.8	30.2	46.6	54.2	67.6	71.6	67.8	61.2	43.7	39.3	30.4	47.1	3.13	.88	2.63	2.07	2.98	1.54	8.05	2.91	1.54	.60	4.12	2.15	32.60
1953	26.3	27.0	34.2	41.5	56.5	67.2	71.1	69.7	61.0	53.4	41.8	31.5	48.4	1.72	2.93	2.08	3.65	2.98	3.48	2.94	2.58	2.32	1.93	1.50	2.26	30.37
1954	22.2	31.5	30.6	47.1	51.7	67.9	69.0	66.6	61.9	50.6	39.8	27.7	47.2	2.14	2.38	2.03	4.15	2.42	5.68	2.60	1.72	3.10	7.07	2.12	2.33	37.74
1955	23.1	24.3	31.7	51.0	57.9	64.7	75.1	73.6	60.4	52.4	34.8	24.7	47.8	1.82	1.61	2.00	2.55	3.51	3.50	2.15	2.19	1.27	3.26	2.97	1.55	28.38
1956	23.7	23.4	27.5	42.0	53.2	67.8	67.0	67.8	58.0	54.7	39.6	30.5	46.3	.48	1.28	2.45	3.65	5.03	1.75	3.67	2.70	1.22	.77	2.15	1.57	26.72
1957	19.4	26.9	33.0	45.7	54.4	65.9	70.0	67.3	58.4	47.4	38.0	29.5	46.3	2.17	1.38	1.75	2.92	3.90	4.00	3.09	2.11	1.72	2.37	3.28	2.34	31.03
1958	23.8	19.8	33.1	45.5	54.0	59.3	67.7	67.4	60.3	51.9	38.9	19.1	45.1	1.96	2.02	.39	1.37	1.68	2.19	2.38	3.69	5.20	2.39	4.00	1.31	28.58
1959	16.7	20.6	29.3	43.6	60.5	66.7	68.8	73.0	63.0	47.6	32.0	31.6	46.1	2.80	2.67	2.48	4.15	1.78	.58	3.30	6.21	1.95	5.23	2.71	2.27	36.13
1960	26.1	24.3	23.3	47.1	55.7	62.8	67.2	68.9	63.5	49.6	41.0	24.1	46.1	3.25	2.58	1.98	3.72	5.08	3.20	4.67	3.26	2.62	1.94	4.91	1.19	38.40
NORMAL	23.6	23.3	30.9	43.9	55.0	65.2	69.9	68.6	60.7	50.3	37.6	27.3	46.4	2.23	1.87	1.97	2.60	3.02	3.06	2.65	2.96	3.20	2.75	3.00	2.06	31.37

MONTHLY AND ANNUAL DIVISIONAL AVERAGES

MICHIGAN

YEARS (By Divisions)	TEMPERATURE (°F) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL	PRECIPITATION (In.) JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
CENTRAL LOWER DIV																										
1931	26.2	30.1	31.8	46.8	56.0	68.9	73.9	70.3	67.2	53.8	45.4	33.1	50.3	1.51	.73	2.04	1.37	3.24	2.18	1.22	1.91	6.08	2.47	3.25	1.91	27.91
1932	33.0	29.6	27.4	42.6	57.3	68.4	70.4	69.9	60.2	49.2	34.5	27.0	47.5	3.03	1.56	1.62	1.21	3.94	2.84	4.48	3.92	1.31	5.55	1.21	1.97	32.64
1933	31.2	22.3	31.1	45.2	58.6	72.0	72.5	67.4	65.7	48.2	32.5	24.7	47.6	.70	1.77	1.71	3.84	4.61	1.95	1.38	1.46	2.89	4.99	1.75	1.84	28.89
1934	27.5	14.1	27.1	42.3	60.1	70.8	73.2	66.5	62.3	50.5	42.3	24.5	46.8	1.03	.29	1.85	1.31	1.04	2.14	.92	2.64	4.75	1.90	4.48	1.18	23.53
1935	21.8	22.0	35.7	44.2	52.3	62.8	74.9	69.6	59.3	49.6	37.1	23.3	46.1	1.73	1.81	2.03	.87	2.77	4.11	2.65	3.19	1.71	1.11	3.31	1.09	26.38
1936	19.3	11.3	34.3	40.4	61.7	64.5	73.5	70.5	62.9	47.7	33.8	29.2	45.8	1.57	1.41	.65	1.72	1.50	1.77	1.24	3.35	4.36	2.95	.70	2.53	23.75
1937	25.8	25.6	29.0	43.6	57.6	65.9	71.3	72.1	60.4	46.7	36.1	23.6	46.5	2.02	1.17	.77	4.09	2.27	2.59	2.67	2.50	3.85	2.33	2.49	1.53	28.28
1938	19.7	27.1	38.4	46.8	56.9	65.3	71.1	72.0	58.4	53.7	40.2	28.0	48.1	2.44	4.12	2.78	.90	2.81	2.73	1.74	5.28	2.26	.70	1.71	2.02	29.49
1939	24.5	22.2	30.2	41.6	59.7	67.7	71.4	69.5	62.3	49.1	36.8	31.6	47.2	1.62	2.34	1.30	2.97	1.63	5.57	1.17	5.57	3.25	2.04	.45	1.06	28.97
1940	17.9	24.2	26.1	41.0	54.5	66.1	71.7	67.6	60.2	49.7	35.7	28.5	45.3	1.63	1.03	1.30	2.06	4.12	3.65	.68	6.41	1.70	3.05	2.90	2.38	30.91
1941	23.4	21.8	26.6	49.9	59.7	67.6	72.0	68.4	63.6	51.3	40.2	33.0	48.1	1.90	1.02	1.28	1.86	2.17	1.92	1.50	2.45	5.78	6.28	3.03	1.49	30.68
1942	22.1	20.5	34.2	50.8	57.4	66.7	70.1	68.4	59.3	50.6	37.6	23.5	46.8	1.48	.63	3.63	1.08	4.11	4.62	2.82	2.02	4.23	2.93	3.17	2.99	33.71
1943	18.0	23.8	27.6	41.0	53.5	69.3	70.7	69.2	57.4	48.1	35.0	25.3	44.9	1.87	1.42	2.43	2.46	4.94	3.89	1.97	2.42	2.38	2.00	2.45	.45	28.68
1944	28.4	25.5	28.0	40.9	60.2	68.4	70.3	70.8	62.3	48.5	39.4	22.5	47.1	1.05	1.56	2.46	1.54	3.45	2.84	2.71	2.42	3.24	.64	2.11	1.02	25.04
1945	16.6	24.1	45.3	48.2	51.1	62.2	67.6	68.4	60.6	48.0	38.9	22.4	46.1	.30	1.58	1.36	3.16	5.26	6.43	2.44	3.01	7.33	2.79	2.10	1.22	36.98
1946	24.5	22.4	42.3	46.5	53.7	64.5	70.8	66.0	62.8	54.3	40.7	27.6	48.0	2.05	2.07	1.96	.84	3.21	3.04	1.23	1.75	2.42	1.41	3.32	2.91	26.21
1947	24.8	19.9	28.7	42.7	51.7	64.1	68.9	75.8	63.3	59.0	34.2	25.8	46.6	2.55	.56	1.47	4.71	5.84	2.39	3.44	1.79	4.97	1.25	2.58	2.01	33.56
1948	16.6	20.7	30.6	50.2	53.9	65.4	71.1	70.2	65.0	48.5	41.9	28.5	46.9	1.05	1.52	4.52	2.85	2.23	4.83	1.37	1.69	1.67	.90	3.59	1.81	28.03
1949	27.3	26.0	32.6	46.4	58.7	70.9	73.7	70.5	57.7	54.5	35.6	28.9	48.6	2.59	2.04	1.60	1.80	2.04	4.08	4.42	2.47	2.53	2.07	1.52	3.67	30.83
1950	26.8	22.7	27.1	38.1	56.6	65.3	67.5	65.4	58.8	53.5	34.1	22.9	44.9	3.94	2.41	2.52	3.48	1.57	2.60	4.62	1.84	4.20	1.50	1.61	2.43	32.72
1951	22.0	24.0	32.6	44.0	59.5	64.6	69.5	66.4	58.6	51.7	30.1	25.4	45.7	2.11	1.90	2.30	3.94	1.91	2.91	2.83	4.06	4.11	4.77	3.31	2.89	37.04
1952	24.7	26.4	30.3	47.6	56.0	69.5	72.8	68.2	61.4	44.6	39.9	31.0	47.7	2.87	1.01	2.20	2.19	2.48	1.42	6.93	3.89	1.79	.21	3.68	1.94	30.61
1953	26.5	27.4	34.5	42.3	57.4	68.4	71.4	69.9	61.0	53.6	41.6	30.7	48.7	1.38	1.96	1.75	3.42	3.14	3.52	2.64	3.36	2.82	2.35	1.22	1.42	28.98
1954	21.1	30.5	30.6	47.5	52.0	69.2	69.2	67.5	61.8	51.0	39.0	25.9	47.1	1.47	2.45	2.44	4.45	1.36	5.82	1.82	1.14	3.12	6.73	1.79	2.36	34.95
1955	21.5	22.7	31.0	52.2	59.0	65.7	75.7	74.0	60.6	52.6	34.4	24.0	47.8	1.12	1.38	1.55	2.75	3.78	2.45	2.21	4.92	.98	2.99	2.15	1.00	27.28
1956	22.9	22.6	27.9	42.8	53.7	68.0	67.3	67.8	57.2	54.4	38.4	30.1	46.1	.28	1.50	2.37	3.82	5.35	2.37	4.02	5.04	1.26	.46	1.73	1.51	29.71
1957	18.0	26.8	33.4	46.5	54.9	66.7	70.7	66.9	58.5	47.6	38.0	29.7	46.5	1.25	1.34	1.41	3.11	3.82	3.94	4.73	1.26	3.39	3.21	3.46	1.82	32.74
1958	22.3	18.6	34.2	46.6	55.9	61.0	69.0	68.5	60.3	51.8	38.9	17.8	45.4	1.42	.49	.52	1.94	1.38	3.02	1.96	2.99	3.16	2.48	3.73	.41	23.50
1959	16.2	19.2	28.9	45.2	61.4	68.1	70.5	74.3	63.7	48.2	32.4	31.2	46.6	2.02	2.36	2.29	4.15	2.52	1.53	3.79	4.37	2.58	5.09	3.05	3.00	36.75
1960	24.6	23.7	22.8	47.5	56.8	63.9	68.8	68.8	63.5	49.5	41.0	22.1	46.1	1.94	1.68	1.57	2.90	3.66	4.13	2.73	3.18	2.10	1.84	3.41	.38	29.52
NORMAL	23.2	23.3	31.3	45.0	56.6	66.7	71.1	69.4	61.2	50.7	37.5	26.7	46.9	1.73	1.57	1.92	2.56	3.07	3.24	2.61	3.08	3.21	2.63	2.51	1.81	29.94
EAST CENTRAL LOWER DIV																										
1931	25.4	29.6	31.6	45.9	56.1	67.1	74.8	71.0	67.7	55.1	46.4	34.3	50.4	1.46	.83	1.92	1.30	2.80	2.82	1.99	1.77	3.66	1.44	3.43	1.92	25.34
1932	34.0	30.3	28.1	41.6	57.1	67.5	70.3	70.9	61.5	50.2	35.8	28.0	47.9	3.28	1.53	.95	1.97	3.00	2.40	3.87	2.65	3.48	4.58	1.59	1.95	31.22
1933	32.5	24.3	31.2	44.6	57.9	71.0	73.3	68.7	66.7	49.5	33.7	25.2	48.2	.80	1.52	1.63	3.04	4.39	1.54	1.65	1.47	2.65	4.51	1.89	1.65	26.74
1934	27.3	12.5	27.5	42.8	60.3	71.0	72.6	66.0	63.1	50.6	42.6	25.4	46.8	.83	.42	1.33	1.45	.77	1.85	1.39	2.35	3.61	1.50	2.60	1.38	19.48
1935	21.5	22.0	35.7	42.9	50.5	63.5	74.6	69.9	59.0	50.1	38.3	24.1	46.0	1.83	2.18	1.86	.92	3.01	5.51	1.45	2.04	2.37	1.35	4.09	1.23	27.84
1936	20.6	13.0	35.0	40.3	61.2	64.1	73.5	71.4	64.5	49.1	35.0	31.5	46.6	1.39	1.29	.76	2.31	1.18	1.62	.82	1.93	3.52	2.03	.71	1.86	19.42
1937	27.5	26.7	29.1	42.7	56.4	65.5	72.0	73.2	61.4	47.2	37.3	24.2	46.9	1.56	1.13	.89	4.29	2.13	4.40	3.05	3.78	2.94	2.31	2.11	1.63	30.22
1938	20.7	27.7	38.4	46.6	56.4	66.3	72.0	73.4	59.4	53.6	41.6	28.0	48.7	1.66	3.85	1.96	1.11	3.26	2.23	1.85	3.93	1.98	.64	.72	2.15	25.34
1939	25.3	23.5	30.1	42.3	58.9	67.6	72.3	69.5	62.9	50.0	37.0	32.0	47.6	1.79	2.20	1.16	3.43	2.02	3.98	1.78	2.04	2.41	2.25	.57	1.02	24.65
1940	18.4	24.5	26.2	40.4	53.6	64.6	71.2	68.2	61.0	49.4	35.7	28.6	45.2	1.06	1.26	1.43	1.62	3.49	3.83	1.21	4.91	2.18	2.97	2.78	2.45	29.19
1941	22.8	22.6	26.7	49.7	58.9	67.2	72.4	68.4	64.1	51.8	40.8	32.9	48.2	1.36	.82	.84	1.56	1.99	1.81	1.85	2.56	4.05	5.58	2.73	1.55	26.70
1942	23.0	20.2	34.6	50.2	56.4	66.1	70.0	68.4	59.4	50.6	40.8	23.1	46.9	1.47	.72	3.82	.79	5.67	3.56	2.98	2.73	4.52	3.92	2.50	2.05	34.73
1943	18.5	24.2	28.5	40.6	53.9	69.4	70.4	69.1	57.9	48.1	35.5	25.2	45.1	1.65	1.62	2.24	2.82	4.29	4.36	2.58	4.39	2.60	2.15	2.42	.44	31.56
1944	28.0	24.4	28.3	40.2	59.9	68.3	70.1	71.4	61.9	49.2	40.3	22.5	47.0	.95	1.50	2.18	1.43	2.47	2.95	2.16	2.73	2.59	.91	2.43	.97	23.27
1945	16.4	23.4	45.3	47.4	49.6	61.8	67.0	68.7	61.5	48.6	39.4	23.0	46.0	.22	1.43	1.18	3.28	6.08	5.23	2.68	3.13	5.93	2.60	1.60	2.18	35.54
1946	24.7	22.5	42.9	46.0	52.0	64.5	70.8	66.2	63.0	55.2	40.7	28.0	48.0	2.50	2.05	1.29	.38	4.14	2.51	1.53	1.58	1.70	1.44	1.76	3.08	23.96
1947	25.2	19.2	28.7	42.3	52.0	64.1	69.4	75.1	63.4	59.0	34.8	26.4	46.6	2.23	.93	2.08	3.76	4.50	2.95	3.85	1.57	3.99	1.19	1.89	1.65	30.59
1948	16.9	21.2	31.3	49.1	53.0	64.1	71.1	69.8	65.3	49.1	43.0	29.5	47.0	1.30	1.39	4.70	2.19	2.25	3.60	1.36	1.69	1.03	1.31	2.91	1.58	25.31
1949	28.7	27.2	32.6	45.0	57.0	69.9	72.7	70.4	58.5	55.1	36.3	29.5	48.6	2.91	2.34	1.59	2.09	1.61	3.44	3.99	2.01	2.12	2.10	1.86	3.17	29.23
1950	29.2	22.8	27.1	38.5	56.0	66.3	68.1	66.1	59.3	54.4	35.1	23.2	45.5	2.94	3.17	1.89	3.06	1.44	2.86	5.85	1.67	4.00	1.99	2.67	1.94	33.48
1951	22.7	24.0	33.7	44.2	57.6	64.9	69.6	66.2	59.4	52.6	30.7	25.4	45.9	3.06	2.69	2.48	3.66	1.76	3.13	4.90	3.85	3.04	4.12	2.83	2.57	34.09
1952	25.4	26.1	31.0	47.2	55.0	69.6	73.4	68.9	62.1	45.1	40.3	32.4	48.0	2.61	1.38	2.12	2.47	3.41	.88	6.60	2.82	1.79	.39	3.19	1.77	29.43
1953	27.1	28.6	35.0	42.4	56.8	68.1	71.3	70.3	61.7	53.9	42.8	31.4	49.1	1.36	.94	2.73	3.05	3.30	2.76	3.71	3.22	2.39	2.10	1.39	1.82	28.77
1954	22.0	30.7	30.6	47.5	52.1	68.8	69.1	67.7	62.4	52.2	39.7	26.6	47.5	1.22	2.77	2.53	2.95	1.27	5.15	1.40	.95	3.23	6.93	2.11	2.04	32.55
1955	22.7	23.4	32.0	52.1	58.8	66.2	75.4	73.9	61.8	53.7	35.3	24.5	48.3	.91	1.64	1.67	2.01	2.79	2.31	2.61	4.01	.87	3.32	2.38	1.10	25.62
1956	23.2	23.0	28.4	42.3	53.0	67.2	67.4	67.9	57.4	54.8	38.6	30.0	46.1	.89	1.91	2.25	3.71	5.03	2.69	3.55	4.82	1.08	.47	1.42	1.83	29.65
1957	17.7	26.8	32.3	46.9	53.5	66.5	69.8	67.5	60.1	48.5	38.6	30.7	46.6	1.19	1.52	1.37	3.43	3.52	4.17	4.00	1.01	4.40	3.53	2.52	2.01	32.67
1958	22.6	18.5	34.1	47.0	55.1	61.3	69.6	69.0	61.1	52.0	39.8	18.9	45.8	1.30	.77	.38	2.23	.85	2.84	2.76	2.90	2.63	2.10	2.98	.55	22.29
1959	16.5	19.5	28.7	45.6	60.5	67.5	70.5	73.5	63.9	48.6	33.5	31.1	46.6	2.34	2.16	1.96	3.65	3.66	1.98	3.84	4.34	2.91	3.91	3.44	3.52	37.71
1960	24.5	24.0	22.3	46.5	55.8	63.3	68.0	68.4	63.4	49.9	41.5	22.3	45.8	1.93	1.87	1.11	1.78	3.18	2.74	1.73	1.94	2.27	1.52	2.25	.51	22.83
NORMAL	23.7	23.5	31.6	44.7	55.8	66.4	71.1	69.6	61.8	51.2	38.4	27.3	47.1	1.67	1.63	1.81	2.39	2.98	3.07	2.67	2.69	2.86	2.51	2.26	1.79	28.33
SOUTHWEST LOWER DIVISION																										
1931	29.5	33.1	33.3	47.7	55.0	70.2	75.3	72.0	69.3	56.1	47.7	36.2	52.1	1.13	.67	2.51	1.80	3.03	3.37	1.21	2.12	3.74	2.97	4.43	2.28	29.26
1932	34.6	32.4	28.4	45.2	58.2	69.4	72.2	71.3	62.5	52.3	36.3	29.0	49.3	3.23	1.63	2.60	.90	3.95	1.73	4.03	2.11	1.46	5.33	1.60	3.29	31.86
1933	34.3	25.8	33.8	47.4	59.1	73.1	73.9	69.1	67.3	50.6	36.6	29.9	50.1	1.41	1.59	2.08	3.63	5.54	3.04	2.23	2.42	5.27	5.57	2.43	1.32	37.13
1934	31.2	18.6	29.9	45.3	62.5	73.0	76.2	70.2	64.3	53.1	44.0	26.1	49.5	1.23	.71	1.57	2.12	1.84	1.59	1.09	3.20	6.24	2.23	4.38	1.98	28.18
1935	25.4	26.3	40.0	44.5	52.0	64.3	75.3	71.6	62.3	52.1	39.1	24.7	48.1	2.18	1.59	2.62	2.17	5.26	5.21	2.16	5.29	2.98	1.16	5.02	2.62	38.26
1936	20.5	15.6	37.1	42.1	61.5	65.1	75.6	73.6	65.8	51.0	36.0	32.6	48.0	2.58	1.93	.81	2.49	1.27	2.50	.99	4.02	7.72	3.38	1.39	2.72	31.80
1937	28.6	27.3	30.6	45.6	57.7	65.7	72.8	73.9	62.9	49.5	38.2	26.2	48.3	2.39	1.94	1.14	5.61	3.66	4.99	2.55	4.69	2.75	2.88	2.62	2.57	37.79
1938	24.7	31.7	42.8	48.1	58.0	66.1	72.5	73.5	62.7	56.4	43.4	30.0	50.8	2.50	3.55	3.14	3.42	4.95	2.34	3.75	3.30	3.15	.53	1.64	2.04	34.26
1939	28.8	26.9	35.5	43.5	60.9	70.3	72.1	71.4	66.6	53.5	39.3	33.7	50.2	2.25	3.26	1.60	3.92	1.23	5.35	2.55	5.03	1.82	3.59	1.20	1.46	33.26
1940	18.1	26.4	29.0	43.6	54.4	67.5	72.6	70.5	62.0	53.8	37.4	32.3	47.3	2.80	.85	1.93	1.90	4.82	5.04	1.41	8.31	1.46	3.13	2.88	1.93	36.46
1941	26.9	24.2	30.5	52.7	60.9	69.0	72.7	70.4	66.7	53.8	41.9	35.6	50.4	2.33	1.58	1.83	2.28	2.89	3.43	2.70	2.33	4.72	9.36	3.81	1.44	38.70
1942	25.4	22.4	38.0	52.2	60.0	68.6	72.2	69.9	61.6	52.3	40.9	25.7	49.1	2.28	1.23	3.62	1.02	4.23	4.60	4.17	5.59	3.74	2.96	3.12	3.14	39.70
1943	21.8	27.7	32.2	43.2	55.5	71.1	72.4	71.6	60.3	50.3	37.1	27.6	47.6	2.61	1.99	3.19	2.63	8.29	2.85	5.20	3.02	3.51	1.52	2.46	.75	38.02
1944	30.8	28.4	30.8	43.8	62.2	70.8	71.7	72.7	64.5	50.6	42.0	24.8	49.4	1.28	2.01	3.84	2.73	3.24	3.97	1.93	2.00	2.87	1.44	2.53	1.77	29.61
1945	20.0	28.3	47.7	49.5	52.1	63.7	70.0	69.9	63.4	50.4	41.7	24.3	48.4	1.11	1.22	2.18	3.74	7.19	3.81	2.42	2.59	5.11	2.25	2.67	1.78	36.07
1946	27.4	27.3	47.3	48.8	55.8	66.9	72.9	67.7	64.8	57.3	43.7	33.0	51.1	1.74	1.64	2.92	1.22	3.81	2.59	.42	1.49	2.45	2.68	2.81	2.99	26.76
1947	28.6	22.3	30.1	45.7	52.4	64.6	69.7	78.3	65.3	60.7	36.6	29.7	48.7	2.38	1.75	1.96	7.73	4.98	4.58	1.99	2.15	5.36	.88	2.72	1.82	38.30
1948	19.3	24.8	35.1	51.7	54.3	64.1	73.1	71.6	66.8	50.1	44.3	30.9	48.8	1.82	2.17	5.12	3.49	5.01	3.47	2.39	1.16	2.32	.98	2.36	2.95	33.24
1949	29.9	29.5	36.2	46.8	60.1	71.8	75.3	71.6	59.0	56.8	39.3	33.0	50.8	3.13	2.64	2.93	1.50	3.27	3.64	4.76	1.68	2.72	2.33	2.01	4.84	35.45
1950	31.7	26.5	31.2	41.3	59.3	66.9	69.1	68.4	62.3	56.5	36.1	24.2	47.8	3.64	3.20	2.51	7.00	1.14	6.06	5.15	1.10	3.32	.85	2.90	3.01	39.88
1951	26.5	27.8	35.7	45.7	60.2	66.0	70.4	67.4	61.1	54.7	32.7	28.0	48.0	2.39	1.82	2.09	3.80	2.81	4.21	3.45	4.14	4.47	3.75	3.45	3.72	40.10
1952	28.2	30.6	33.8	49.0	56.3	71.0	74.1	70.0	64.2	47.0	41.9	32.6	49.9	2.38	.92	2.32	2.86	5.21	3.14	4.67	3.13	1.97	.74	3.02	2.02	32.38
1953	29.6	31.6	37.9	44.5	60.1	71.0	73.7	72.0	64.3	56.1	43.8	33.2	51.5	1.87	1.38	1.95	2.46	3.00	3.72	2.49	3.00	1.81	1.56	1.54	1.95	26.73
1954	26.4	35.0	33.6	51.4	54.3	70.9	71.2	69.2	65.2	53.0	41.2	30.1	50.1	2.03	2.83	4.07	4.19	1.97	4.92	3.91	2.93	2.54	9.45	2.18	2.44	43.46
1955	25.5	27.4	35.5	54.4	61.0	66.3	77.7	75.7	64.0	54.8	36.8	26.4	50.5	2.02	1.90	2.36	2.41	2.33	3.17	2.47	4.43	1.48	5.38	3.46	.98	32.39
1956	26.1	27.5	32.7	45.5	57.5	70.3	70.2	70.5	62.3	57.7	41.0	33.2	49.5	.53	2.29	2.26	4.57	4.52	2.10	3.18	2.74	.55	.46	1.49	1.18	25.87
1957	21.2	30.7	36.3	48.2	57.7	68.4	72.7	69.5	61.2	49.5	40.1	33.5	49.1	2.33	1.57	2.21	4.61	4.16	3.81	3.31	3.35	1.83	3.88	3.57	2.83	37.46
1958	25.7	22.4	35.3	48.8	58.3	62.4	70.4	70.3	63.2	54.5	42.2	22.1	48.0	1.58	1.73	.59	2.40	1.79	4.31	2.69	2.64	2.89	1.59	2.49	1.24	25.94
1959	19.8	24.8	34.7	46.8	63.5	69.4	71.9	75.7	66.7	50.8	34.9	34.1	49.4	2.97	2.28	2.87	3.98	3.15	1.86	4.00	2.52	2.53	6.17	3.03	2.32	37.68
1960	28.2	26.2	25.2	50.4	56.7	65.3	69.8	71.0	66.8	52.3	42.7	25.6	48.4	4.09	3.28	1.17	2.87	4.18	4.27	3.61	2.82	1.41	1.68	2.43	.97	32.78
NORMAL	26.5	27.0	34.7	47.1	57.9	68.1	72.7	71.3	64.0	53.3	40.0	29.6	49.4	2.21	1.91	2.40	3.12	3.76	3.74	2.89	3.18	3.14	3.02	2.72	2.21	34.30

MONTHLY AND ANNUAL DIVISIONAL AVERAGES

MICHIGAN

TEMPERATURE (°F)

YEARS (By Divisions)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
SOUTH CENTRAL LOWER DIV													
1931	28.2	32.6	32.9	48.4	57.3	70.1	75.6	71.6	69.0	55.6	46.5	35.2	51.9
1932	34.4	32.3	28.8	44.7	59.2	69.7	72.4	71.2	62.1	51.8	35.2	28.5	49.2
1933	33.4	25.6	33.1	47.4	59.8	73.7	74.1	69.7	68.5	49.7	35.4	27.8	49.9
1934	30.4	16.4	29.5	46.4	62.5	74.2	76.4	69.8	65.0	51.6	42.8	25.0	49.0
1935	23.8	24.7	39.8	44.7	52.3	64.1	75.7	71.7	61.5	51.0	38.4	23.6	47.6
1936	20.1	14.6	37.5	45.1	63.0	66.8	75.3	73.8	65.4	50.1	35.1	31.3	48.2
1937	28.1	26.8	30.7	45.9	58.9	67.3	72.8	73.7	62.1	48.5	37.3	25.1	48.1
1938	23.7	31.4	42.1	48.7	58.4	66.6	72.2	72.7	61.9	55.2	41.7	28.6	50.3
1939	27.5	25.8	34.2	43.9	61.7	70.0	72.5	71.1	65.9	52.5	38.3	32.8	49.7
1940	17.1	25.5	28.1	43.2	55.6	68.3	73.1	69.9	61.6	52.1	36.6	31.1	46.9
1941	25.6	23.6	29.5	52.1	61.5	69.1	73.1	70.5	66.6	53.4	41.6	34.6	50.1
1942	23.8	21.1	36.8	52.4	59.5	68.1	71.2	68.9	61.1	51.7	39.6	23.8	48.2
1943	20.1	26.6	31.5	42.8	55.3	70.9	72.1	70.4	59.2	49.4	35.9	26.0	46.7
1944	29.3	27.0	29.8	42.9	62.5	70.6	72.4	72.5	63.7	50.2	40.8	22.6	48.7
1945	17.3	26.3	47.4	49.8	51.6	64.0	69.4	69.3	63.1	49.5	40.2	23.2	47.6
1946	26.5	25.9	46.2	48.1	55.8	66.8	72.6	67.2	64.3	56.7	42.5	30.7	50.3
1947	27.0	20.5	29.0	45.3	53.3	64.7	69.6	77.1	64.4	59.5	35.1	27.6	47.8
1948	17.5	23.2	33.7	51.1	55.1	65.5	72.4	70.7	65.7	48.7	43.4	29.9	48.1
1949	29.0	28.7	34.8	46.6	59.6	71.6	74.8	70.7	58.0	55.8	37.0	31.5	49.8
1950	30.8	24.8	29.7	40.5	58.8	66.7	68.6	67.7	61.1	55.0	34.5	22.5	46.7
1951	25.5	26.3	34.9	44.8	59.8	65.8	70.3	67.1	59.9	53.6	31.3	26.1	47.1
1952	27.4	28.8	32.8	47.8	56.0	70.6	73.7	69.0	62.4	45.5	41.0	31.8	48.9
1953	28.0	30.2	37.0	43.6	60.1	70.2	72.7	70.9	62.0	55.0	42.2	31.5	50.3
1954	24.6	32.6	32.1	50.2	53.3	70.1	70.1	68.3	64.1	52.1	39.6	27.6	48.7
1955	24.2	26.2	34.1	53.7	60.4	66.3	76.8	74.5	63.3	53.8	35.5	25.3	49.5
1956	23.7	25.4	30.8	44.5	56.7	69.5	69.6	69.3	60.0	56.2	39.2	32.4	48.1
1957	19.4	28.9	35.4	48.3	56.9	68.2	71.6	68.8	60.8	48.6	38.9	32.3	48.2
1958	23.7	20.1	34.7	48.3	57.5	62.2	70.2	69.3	62.1	53.5	41.0	20.1	46.9
1959	18.4	23.1	33.0	47.3	62.6	68.8	71.0	74.7	65.4	50.4	34.1	32.9	48.5
1960	26.6	24.8	23.4	49.9	56.4	64.6	68.7	69.9	65.4	50.9	41.9	23.4	47.2
NORMAL	25.2	25.7	33.8	46.9	58.0	68.2	72.4	70.7	63.2	52.3	38.8	28.2	48.6
SOUTHEAST LOWER DIVISION													
1931	27.1	31.7	32.9	47.8	56.8	68.3	75.8	71.5	68.6	55.7	46.6	35.7	51.5
1932	35.4	31.8	29.0	43.5	59.1	68.5	72.0	71.2	62.6	52.3	35.5	28.5	49.1
1933	33.5	26.6	33.3	47.4	59.5	73.0	74.3	70.3	67.6	50.2	34.8	27.7	49.9
1934	29.5	15.4	29.9	44.3	61.8	73.0	75.3	69.3	65.8	51.9	42.8	25.3	48.7
1935	23.6	24.7	39.5	44.2	52.2	64.6	75.8	71.6	61.5	50.7	38.7	23.9	47.6
1936	20.4	15.1	37.5	42.1	62.6	65.9	73.9	72.7	65.4	50.4	35.3	31.0	47.7
1937	28.6	27.7	30.5	44.6	57.7	66.4	72.2	73.2	61.3	48.5	37.3	25.2	47.8
1938	23.4	31.1	41.2	48.0	57.7	66.5	72.9	74.0	61.7	54.6	41.4	29.2	50.1
1939	27.2	26.1	33.4	43.9	61.2	69.8	72.6	72.2	66.3	52.6	38.2	32.9	49.7
1940	17.8	25.8	28.1	42.2	55.6	67.6	72.8	70.1	62.2	52.1	37.3	31.0	46.9
1941	25.7	24.8	30.0	51.7	61.4	69.0	73.5	70.0	66.5	54.0	41.5	34.4	50.2
1942	24.5	21.7	37.0	51.8	59.6	68.4	72.6	69.6	61.5	51.9	39.5	23.9	48.5
1943	20.1	27.0	32.4	42.1	55.7	71.7	72.4	70.9	60.2	49.8	36.7	26.5	47.1
1944	29.3	27.0	30.2	42.0	62.3	70.7	72.7	72.9	64.2	51.2	41.3	22.9	48.9
1945	16.5	26.1	46.7	49.4	51.5	64.3	69.6	69.9	63.6	49.4	39.9	23.3	47.5
1946	26.4	25.3	45.4	47.4	55.6	66.3	72.1	67.0	64.1	56.6	42.1	30.4	49.9
1947	27.8	20.8	29.6	44.1	53.0	65.0	69.6	75.9	64.4	59.5	36.3	27.1	47.8
1948	18.2	23.4	33.8	50.9	55.0	65.4	72.3	70.6	65.4	49.0	43.8	30.5	48.2
1949	30.3	29.6	35.5	46.7	60.1	72.2	75.4	71.2	58.6	56.6	37.9	31.6	50.5
1950	31.7	25.7	29.8	40.9	58.4	67.3	69.7	68.7	62.1	55.3	35.7	23.5	47.4
1951	26.4	26.5	35.6	45.4	59.5	66.7	71.4	68.2	61.2	54.4	32.9	27.0	47.9
1952	28.1	28.7	33.7	48.9	56.6	71.7	75.2	70.1	63.7	47.4	41.9	33.0	49.9
1953	29.3	31.1	37.2	44.1	59.7	70.4	72.8	72.4	63.5	55.8	43.3	32.5	51.0
1954	25.1	33.1	33.3	50.2	54.4	70.6	71.0	69.5	64.8	53.7	40.6	28.6	49.6
1955	25.1	27.0	35.1	54.2	61.2	67.2	77.6	75.2	64.9	54.5	36.8	26.4	50.4
1956	24.8	27.1	31.8	45.0	56.2	69.1	70.5	70.0	59.8	56.6	39.8	33.7	48.7
1957	19.8	29.4	35.7	48.2	56.3	68.3	71.9	69.4	62.4	50.0	40.1	33.1	48.7
1958	25.5	21.5	35.6	48.7	58.0	63.1	71.7	70.0	63.3	54.1	42.0	21.0	47.9
1959	20.0	24.4	33.5	48.0	61.8	69.2	72.8	75.4	66.3	51.1	35.6	33.3	49.3
1960	27.3	26.6	25.2	49.6	57.4	66.1	69.9	70.8	66.1	52.4	42.4	23.8	48.1
NORMAL	25.6	26.1	34.1	46.6	57.9	68.2	72.7	71.1	63.7	52.7	39.3	28.6	48.9

PRECIPITATION (In.)

YEARS (By Divisions)	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	ANNUAL
SOUTH CENTRAL LOWER DIV													
1931	1.04	.84	1.75	1.20	2.96	5.18	1.42	1.66	4.60	1.89	4.17	2.50	29.21
1932	3.33	1.71	2.02	1.71	4.20	2.93	3.84	4.04	3.68	4.80	1.88	3.20	37.34
1933	1.04	1.63	1.95	3.23	4.89	2.64	2.45	2.12	4.13	4.17	1.81	1.10	31.16
1934	1.09	.42	1.77	2.34	1.64	1.55	1.66	1.96	4.44	1.48	2.98	1.44	22.77
1935	1.88	1.88	2.47	1.79	5.13	3.94	2.50	4.15	2.48	1.19	4.47	1.30	33.18
1936	1.32	1.84	.83	2.90	1.13	2.73	1.08	2.60	7.72	3.09	1.56	2.06	28.86
1937	2.20	1.19	.82	5.64	3.44	7.21	2.82	3.26	1.83	1.97	2.06	1.60	34.04
1938	1.40	4.07	2.75	1.43	5.52	3.52	3.93	4.19	2.29	.49	.96	2.29	32.84
1939	2.05	3.38	1.90	4.16	1.49	5.58	1.80	4.97	1.89	2.64	.85	.94	31.65
1940	1.48	.95	1.72	1.90	4.27	6.24	1.31	7.15	.92	3.06	2.73	2.51	34.24
1941	1.63	.70	1.36	2.22	3.48	3.65	1.41	1.87	2.63	7.02	2.91	1.31	30.19
1942	2.06	1.28	4.37	1.41	4.69	5.13	4.44	4.17	3.43	3.48	2.85	2.70	40.01
1943	1.87	1.15	2.85	2.71	8.50	3.80	3.72	2.19	3.82	1.61	2.06	.36	34.64
1944	1.22	1.93	3.27	2.75	3.82	3.60	1.28	2.83	2.39	.82	1.80	1.26	26.97
1945	.59	1.14	2.40	3.77	6.73	3.45	3.45	2.85	5.65	2.81	1.71	1.38	35.93
1946	1.61	1.60	2.64	.98	4.10	2.62	.94	1.68	2.64	2.60	2.39	2.80	26.60
1947	2.69	.70	2.35	6.94	5.96	3.91	2.33	3.68	3.97	1.52	2.14	1.91	38.10
1948	1.22	2.05	4.63	2.87	4.39	3.69	2.20	1.70	2.31	.85	2.93	2.53	31.37
1949	3.15	2.44	2.66	1.88	3.22	5.16	3.61	2.34	2.74	2.81	1.52	4.34	35.87
1950	3.98	3.19	2.77	5.71	1.40	5.50	4.74	1.97	4.40	1.20	3.01	1.91	39.78
1951	2.29	1.83	2.14	3.51	3.11	4.11	3.18	3.56	2.86	4.41	2.56	2.97	36.53
1952	2.23	1.26	2.35	3.08	4.66	2.13	3.58	3.69	1.88	.79	3.22	1.73	30.60
1953	1.92	1.08	2.26	3.05	1.96	3.14	2.19	2.69	1.54	1.50	1.10	1.46	23.89
1954	1.52	3.65	3.46	3.63	1.25	5.46	2.64	2.27	2.18	7.22	2.26	2.12	37.66
1955	1.26	1.57	2.20	2.22	2.14	3.65	2.74	4.26	1.59	4.22	3.31	.67	29.83
1956	.62	2.27	2.32	4.28	5.29	2.98	3.55	3.43	.61	.33	1.61	1.26	28.55
1957	1.85	1.51	1.72	4.15	4.38	3.73	5.09	2.74	1.70	3.88	2.87	2.66	36.28
1958	1.14	.65	.42	2.06	1.30	3.27	4.77	4.23	3.16	2.14	2.09	.40	25.63
1959	2.65	2.14	2.04	4.25	2.73	1.78	4.70	3.35	3.48	4.66	3.16	2.14	37.08
1960	2.99	2.53	.96	2.55	3.79	4.35	3.12	2.90	1.84	1.40	1.68	.45	28.56
NORMAL	1.84	1.75	2.24	3.01	3.72	3.89	2.88	3.15	2.96	2.67	2.36	1.84	32.31
SOUTHEAST LOWER DIVISION													
1931	1.30	1.17	1.99	1.82	2.75	3.11	1.60	1.57	3.59	1.68	3.05	2.62	26.25
1932	3.97	1.38	1.64	1.64	5.20	1.95	4.31	2.78	4.83	3.53	1.91	2.92	36.06
1933	1.19	1.56	1.89	3.03	4.04	1.33	2.25	2.29	3.31	2.19	1.88	1.54	26.50
1934	1.01	.42	2.04	2.63	.80	1.36	1.27	2.12	3.64	1.38	1.91	1.63	20.21
1935	1.75	1.72	2.15	1.71	3.44	3.68	1.73	3.32	1.68	1.04	3.19	1.36	26.77
1936	1.17	2.07	1.02	2.57	1.36	2.76	1.32	1.80	4.82	2.86	1.32	1.81	24.88
1937	2.84	1.42	.90	4.81	3.01	5.11	4.29	4.55	1.88	2.08	1.52	1.59	34.00
1938	1.14	3.94	3.84	1.98	3.85	2.31	3.22	3.06	1.96	.86	.89	1.98	29.03
1939	2.09	3.78	1.83	3.61	1.90	4.40	1.77	1.61	2.30	2.37	.73	.87	27.26
1940	1.32	1.30	1.87	2.34	3.56	5.05	1.92	5.33	1.55	3.05	2.51	2.82	32.62
1941	1.25	.48	1.12	2.50	2.40	3.06	2.27	2.77	1.29	4.63	2.37	1.60	25.74
1942	1.87	1.69	3.16	1.52	3.70	3.95	4.03	3.67	3.07	3.53	2.99	2.66	35.84
1943	2.01	1.45	2.32	3.38	8.21	3.32	4.66	2.20	2.85	1.64	2.25	.37	34.66
1944	1.21	1.81	2.71	3.05	3.73	3.75	1.61	2.63	1.95	.60	1.82	1.54	26.41
1945	.47	1.29	3.42	3.58	7.29	4.17	2.78	3.05	4.96	3.56	1.45	1.64	37.66
1946	1.53	2.03	2.24	.82	4.01	4.48	1.18	2.31	1.85	2.66	1.72	2.52	27.35
1947	2.77	.50	2.57	6.25	5.91	3.36	3.34	4.75	4.01	2.42	1.82	1.85	39.55
1948	1.35	2.43	3.58	2.68	4.49	3.68	2.73	1.22	2.54	1.27	3.64	2.01	31.62
1949	2.69	2.68	2.36	2.14	3.07	2.82	3.23	3.81	2.74	3.72	1.52	3.42	34.20
1950	4.29	4.07	2.62	4.91	2.16	3.14	3.38	2.26	4.45	3.05	4.25	2.16	40.74
1951	2.18	2.58	2.76	2.78	3.50	3.35	3.90	2.33	1.95	4.40	3.05	3.66	36.44
1952	2.88	1.46	2.62	3.21	3.25	1.11	2.85	2.10	1.61	1.27	3.13	1.81	27.30
1953	1.82	.77	2.73	3.12	2.25	3.09	2.95	2.29	2.02	.89	.85	1.71	24.49
1954	1.73	3.76	4.01	3.05	1.29	4.07	1.59	1.97	2.44	6.76	1.69	1.78	34.14
1955	1.55	2.07	2.35	2.27	2.28	2.33	2.44	3.49	1.45	3.75	3.18	.92	28.08
1956	1.01	2.16	2.83	4.43	5.32	3.96	2.56	5.86	.68	.52	2.07	1.86	33.06
1957	1.65	1.63	1.33	4.25	3.46	3.47	5.22	2.26	2.71	3.88	2.27	3.29	35.42
1958	.65	.51	.41	1.82	1.48	3.04	3.43	2.65	3.06	1.79	2.54	.40	21.78
1959	2.79	2.06	2.36	4.37	3.47	1.68	2.83	5.35	3.15	4.42	3.08	2.65	38.21
1960	2.74	2.02	1.06	2.43	2.43	4.77	2.34	2.53	1.41	1.80	1.18	.49	25.20
NORMAL	1.87	1.87	2.26	2.96	3.45	3.26	2.77	2.92	2.66	2.59	2.19	1.92	30.72

SCALE IN MILES

0 100 200 300

ALBERS EQUAL - AREA PROJECTION