

Muskegon Normals 1971-2000

	HI	LOW	MEAN	PRECIP	TOTAL	SNOWFALL	TOTAL	HEATING	TOTAL TO YEAR	TOTAL TO SEASON	COOLING	TOTAL COOLING	High	High	High	High	Low	Low	Low	Low
					PRECIP		SNOWFALL	DEGREE	HEATING	HEATING	DEGREE	DEGREE	>= 90	>= 90	<= 32	<= 32	<= 32	<= 32	<= 0	<= 0
								DAYS	DEGREE DAYS	DEGREE DAYS	DAYS	DAYS	DAYS	Total	DAYS	Total	DAYS	Total	DAYS	Total
JAN	29.8	17.1	23.5	2.22	2.22	34.4	34.4	1288	1288	3984	0	0	0.0	0.0	18.1	18.1	28.9	28.9	1.6	1.6
FEB	32.5	18.3	25.4	1.58	3.80	18.3	52.7	1124	2412	5108	0	0	0.0	0.0	14.3	32.4	25.7	54.6	1.7	3.3
MAR	42.5	25.4	34.0	2.36	6.16	11.1	63.8	968	3380	6076	0	0	0.0	0.0	5.7	38.1	23.5	78.1	0.3	3.6
APR	54.6	35.1	44.9	2.91	9.07	3.1	66.9	602	3982	6678	4	4	0.0	0.0	0.4	38.5	11.0	89.1	0.0	3.6
MAY	67.0	45.1	56.1	2.95	12.02	T	66.9	296	4278	6974	24	28	0.0	0.0	0.0	38.5	1.6	90.7	0.0	3.6
JUNE	75.6	54.2	64.9	2.58	14.60	0.0	66.9	78	4356	7052	86	114	0.6	0.6	0.0	38.5	0.1	90.8	0.0	3.6
JULY	80.0	59.8	69.9	2.32	16.92	0.0	66.9	15	4371	15	181	295	0.9	1.5	0.0	38.5	0.0	90.8	0.0	3.6
AUG	78.1	58.8	68.5	3.77	20.69	0.0	66.9	27	4398	42	145	440	0.6	2.1	0.0	38.5	0.0	90.8	0.0	3.6
SEPT	70.3	50.7	60.5	3.52	24.21	T	66.9	168	4566	210	44	484	0.1	2.2	0.0	38.5	0.5	91.3	0.0	3.6
OCT	58.7	40.6	49.7	2.80	27.01	0.6	67.5	476	5042	686	3	487	0.0	2.2	0.0	38.5	5.5	96.8	0.0	3.6
NOV	45.6	31.8	38.7	3.23	30.24	8.7	76.2	784	5826	1470	0	487	0.0	2.2	2.3	40.8	16.3	113.1	0.0	3.6
DEC	34.6	22.6	28.6	2.64	32.88	29.3	105.5	1117	6943	2587	0	487	0.0	2.2	12.0	52.8	26.3	139.4	0.5	4.1
HI	80.0	59.8	69.9	3.77	32.88	34.4	105.5	1288	6943	7052	181	487	0.9	2.2	18.1	52.8	28.9	139.4	1.7	4.1
LOW	29.8	17.1	23.5	1.58	2.22	0.0	34.4	15	1288	15	0	0	0.0	0.0	0.0	18.1	0.0	28.9	0.0	1.6
AVG	55.8	38.3	47.1	2.74	16.65	10.6	66.8	579	4237	3407	41	236	0.2	1.1	4.4	37.6	11.6	87.9	0.3	3.5
TOTAL	669.3	459.5	564.7	32.88	199.82	105.5	801.5	6943	50842	40882	487	2826	2.2	13.0	52.8	451.7	139.4	1054.4	4.1	41.4

Winter MKG

Spring

Summer

Fall

	HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP
Dec	34.6	22.6	28.6	2.64	March	42.5	25.4	34	2.36	June	75.6	54.2	64.9	2.58	September	70.3	50.7	60.5	3.52
Jan	29.8	17.1	23.5	2.22	April	54.6	35.1	44.9	2.91	July	80.0	59.8	69.9	2.32	October	58.7	40.6	49.7	2.80
Feb	32.5	18.3	25.4	1.58	May	67	45.1	56.1	2.95	August	78.1	58.8	68.5	3.77	November	45.6	31.8	38.7	3.23
avg	32.3	19.3	25.8	6.44	avg	54.7	35.2	45.0	8.22	avg	77.9	57.6	67.8	8.67	avg	58.2	41.0	49.6	9.55
	HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP

Muskegon Normals 1981-2010

	HI	LOW	MEAN	PRECIP	TOTAL	SNOWFALL	TOTAL	HEATING	TOTAL TO YEAR	TOTAL TO SEASON	COOLING	TOTAL COOLING	High	High	High	High	Low	Low	Low	Low
					PRECIP		SNOWFALL	DEGREE	HEATING	HEATING	DEGREE	DEGREE	>= 90	>= 90	<= 32	<= 32	<= 32	<= 32	<= 0	<= 0
								DAYS	DEGREE DAYS	DEGREE DAYS	DAYS	DAYS	DAYS	Total	DAYS	Total	DAYS	Total	DAYS	Total
JAN	30.8	20.1	25.4	2.03	2.03	28.0	28.0	1226	1226	3672	0	0	0.0	0.0	16.5	16.5	26.9	26.9	0.9	0.9
FEB	33.2	21.1	27.1	1.83	3.86	19.3	47.3	1060	2286	4732	0	0	0.0	0.0	12.1	28.6	24.4	51.3	0.7	1.6
MAR	43.0	27.0	35.0	2.25	6.11	9.0	56.3	930	3216	5662	0	0	0.0	0.0	4.6	33.2	21.7	73.0	0.0	1.6
APR	55.9	37.3	46.6	2.91	9.02	2.3	58.6	556	3772	6218	4	4	0.0	0.0	0.3	33.5	8.6	81.6	0.0	1.6
MAY	66.9	46.9	56.9	3.25	12.27	0.0	58.6	276	4048	6494	25	29	0.0	0.0	0.0	33.5	0.7	82.3	0.0	1.6
JUNE	76.0	56.6	66.3	2.55	14.82	0.0	58.6	66	4114	6560	105	134	1.7	1.7	0.0	33.5	0.0	82.3	0.0	1.6
JULY	80.4	61.9	71.1	2.37	17.19	0.0	58.6	11	4125	11	202	336	3.3	5.0	0.0	33.5	0.0	82.3	0.0	1.6
AUG	78.8	61.0	69.9	3.39	20.58	0.0	58.6	19	4144	30	171	507	1.7	6.7	0.0	33.5	0.0	82.3	0.0	1.6
SEPT	71.3	52.8	62.1	3.89	24.47	0.0	58.6	143	4287	173	54	561	0.3	7.0	0.0	33.5	0.2	82.5	0.0	1.6
OCT	58.8	42.5	50.7	3.11	27.58	0.2	58.8	450	4737	623	5	566	0.0	7.0	0.0	33.5	3.4	85.9	0.0	1.6
NOV	46.4	34.0	40.2	3.36	30.94	6.0	64.8	744	5481	1367	0	566	0.0	7.0	1.7	35.2	13.1	99.0	0.0	1.6
DEC	35.1	25.3	30.2	2.55	33.49	28.9	93.7	1079	6560	2446	0	566	0.0	7.0	10.9	46.1	23.8	122.8	0.2	1.8

HI	80.4	61.9	71.1	3.89	33.49	28.9	93.7	1226	6560	6560	202	566	0.9	2.2	18.1	52.8	28.9	139.4	1.7	4.1
LOW	30.8	20.1	25.4	1.83	2.03	0.0	28.0	11	1226	11	0	0	0.0	0.0	0.0	18.1	0.0	28.9	0.0	1.6
AVG	56.4	40.5	48.5	2.79	16.86	7.8	58.4	547	4000	3166	47	272	0.2	1.1	4.4	37.6	11.6	87.9	0.3	3.5
TOTAL	676.6	486.5	581.5	33.49	202.36	93.7	700.5	6560	47996	37988	566	3269	2.2	13.0	52.8	451.7	139.4	1054.4	4.1	41.4

Winter MKG					Spring					Summer					Fall				
	HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP
Dec	35.1	25.3	30.2	2.55	March	43.0	27.0	35	2.25	June	76.0	56.6	66.3	2.55	September	71.3	52.8	62.1	3.89
Jan	30.8	20.1	25.4	2.03	April	55.9	37.3	46.6	2.91	July	80.4	61.9	71.1	2.37	October	58.8	42.5	50.7	3.11
Feb	33.2	21.1	27.1	1.83	May	66.9	46.9	56.9	3.25	August	78.8	61.0	69.9	3.39	November	46.4	34.0	40.2	3.36
avg	33.0	22.2	27.6	6.41	avg	55.3	37.1	46.2	8.41	avg	78.4	59.8	69.1	8.31	avg	58.8	43.1	51.0	10.36
	HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP

Muskegon Compare 1971-2000 to 1981-2010 / "(1971-2000) - (1981-2010)"										Negative means 1971-2000 value is lower than 1981-2010										
	HI	LOW	MEAN	PRECIP	TOTAL	SNOWFALL	TOTAL	HEATING	TOTAL TO YEAR	TOTAL TO SEASON	COOLING	TOTAL COOLING	High	High	High	High	Low	Low	Low	Low
					PRECIP		SNOWFALL	DEGREE	HEATING	HEATING	DEGREE	DEGREE	>= 90	>= 90	<= 32	<= 32	<= 32	<= 32	<= 0	<= 0
								DAYS	DEGREE DAYS	DEGREE DAYS	DAYS	DAYS	DAYS	Total	DAYS	Total	DAYS	Total	DAYS	Total
JAN	-1.0	-3.0	-1.9	0.19	0.19	6.4	6.4	62	62	312	0	0	0.0	0.0	1.6	1.6	2.0	2.0	0.7	0.7
FEB	-0.7	-2.8	-1.7	-0.25	-0.06	-1.0	5.4	64	126	376	0	0	0.0	0.0	2.2	3.8	1.3	3.3	1.0	1.7
MAR	-0.5	-1.6	-1.0	0.11	0.05	2.1	7.5	38	164	414	0	0	0.0	0.0	1.1	4.9	1.8	5.1	0.3	2.0
APR	-1.3	-2.2	-1.7	0.00	0.05	0.8	8.3	46	210	460	0	0	0.0	0.0	0.1	5.0	2.4	7.5	0.0	2.0
MAY	0.1	-1.8	-0.8	-0.30	-0.25	0.0	8.3	20	230	480	-1	-1	0.0	0.0	0.0	5.0	0.9	8.4	0.0	2.0
JUNE	-0.4	-2.4	-1.4	0.03	-0.22	0.0	8.3	12	242	492	-19	-20	-1.1	-1.1	0.0	5.0	0.0	8.5	0.0	2.0
JULY	-0.4	-2.1	-1.2	-0.05	-0.27	0.0	8.3	4	246	4	-21	-41	-2.4	-3.5	0.0	5.0	0.0	8.5	0.0	2.0
AUG	-0.7	-2.2	-1.4	0.38	0.11	0.0	8.3	8	254	12	-26	-67	-1.1	-4.6	0.0	5.0	0.0	8.5	0.0	2.0
SEPT	-1.0	-2.1	-1.6	-0.37	-0.26	0.0	8.3	25	279	37	-10	-77	-0.2	-4.8	0.0	5.0	0.3	8.8	0.0	2.0
OCT	-0.1	-1.9	-1.0	-0.31	-0.57	0.4	8.7	26	305	63	-2	-79	0.0	-4.8	0.0	5.0	2.1	10.9	0.0	2.0
NOV	-0.8	-2.2	-1.5	-0.13	-0.70	2.7	11.4	40	345	103	0	-79	0.0	-4.8	0.6	5.6	3.2	14.1	0.0	2.0
DEC	-0.5	-2.7	-1.6	0.09	-0.61	0.4	11.8	38	383	141	0	-79	0.0	-4.8	1.1	6.7	2.5	16.6	0.3	2.3
HI	0.1	-1.6	-0.8	0.38	0.19	6.4	11.8	64	383	492	0	0	0.0	0.0	2.2	6.7	3.2	16.6	1.0	2.3
LOW	-1.3	-3.0	-1.9	-0.37	-0.70	-1.0	5.4	4	62	4	-26	-79	-2.4	-4.8	0.0	1.6	0.0	2.0	0.0	0.7
AVG	-0.6	-2.3	-1.4	-0.05	-0.21	1.0	8.4	31.9	237.2	241.2	-6.6	-36.9	-0.4	-2.4	0.6	4.8	1.4	8.5	0.2	1.9
TOTAL	-7.3	-27.0	-16.8	-0.61	-2.54	11.8	101.0	383	2846	2894	-79	-443	-4.8	-28.4	6.7	57.6	16.5	102.2	2.3	22.7