

Grand Rapids 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	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	29.3	15.6	22.4	2.03	2.03	21.1	21.1	1317	1317	3921	0	0	0.0	0.0	19.1	19.1	29.0	29.0	3.5	3.5
FEB	32.6	17.4	25.0	1.54	3.56	12.2	33.3	1135	2452	5056	0	0	0.0	0.0	14.6	33.7	25.6	54.6	2.7	6.2
MAR	43.3	25.9	34.6	2.59	6.15	9.0	42.3	956	3408	6012	1	1	0.0	0.0	5.3	39.0	23.2	77.8	0.5	6.7
APR	56.6	36.1	46.3	3.48	9.63	2.8	45.1	571	3979	6583	6	7	0.0	0.0	0.4	39.4	11.4	89.2	0.0	6.7
MAY	69.6	46.6	58.1	3.35	12.98	T	45.1	255	4234	6838	38	45	0.5	0.5	0.0	39.4	1.7	90.9	0.0	6.7
JUNE	78.4	55.8	67.1	3.67	16.65	0.0	45.1	58	4292	6896	124	169	2.2	2.7	0.0	39.4	0.0	90.9	0.0	6.7
JULY	82.3	60.5	71.4	3.56	20.21	0.0	45.1	10	4302	10	218	387	4.3	7.0	0.0	39.4	0.0	90.9	0.0	6.7
AUG	79.7	59.0	69.4	3.78	23.99	0.0	45.1	24	4326	34	165	552	2.1	9.1	0.0	39.4	0.0	90.9	0.0	6.7
SEPT	71.7	51.0	61.3	4.28	28.27	0.0	45.1	159	4485	193	56	608	0.4	9.5	0.0	39.4	0.4	91.3	0.0	6.7
OCT	59.6	40.2	49.9	2.80	31.07	0.6	45.7	471	4956	664	5	613	0.0	9.5	0.0	39.4	5.7	97.0	0.0	6.7
NOV	45.5	31.2	38.4	3.35	34.42	7.7	53.4	793	5749	1457	0	613	0.0	9.5	2.6	42.0	17.6	114.6	0.0	6.7
DEC	33.7	21.4	27.6	2.70	37.12	18.8	72.2	1147	6896	2604	0	613	0.0	9.5	13.1	55.1	27.8	142.4	1.2	7.9
HI	82.3	60.5	71.4	4.28	37.12	21.1	72.2	1317	6896	6896	218	613	4.3	9.5	19.1	55.1	29.0	142.4	3.5	7.9
LOW	29.3	15.6	22.4	1.54	2.03	0.0	21.1	10	1317	10	0	0	0.0	0.0	0.0	19.1	0.0	29.0	0.0	3.5
AVG	56.9	38.4	47.6	3.09	18.84	6.6	44.9	575	4200	3356	51	301	0.8	4.8	4.6	38.7	11.9	88.3	0.7	6.5
TOTAL	682.3	460.7	571.5	37.13	226.08	72.2	538.6	6896	50396	40268	613	3608	9.5	57.3	55.1	464.7	142.4	1059.5	7.9	77.9

Winter MKG

Spring

Summer

Fall

	HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP
Dec	33.7	21.4	27.6	2.70	March	43.3	25.9	34.6	2.59	June	78.4	55.8	67.1	3.67	September	71.7	51.0	61.3	4.28
Jan	29.3	15.6	22.4	2.03	April	56.6	36.1	46.3	3.48	July	82.3	60.5	71.4	3.56	October	59.6	40.2	49.9	2.80
Feb	32.6	17.4	25	1.54	May	69.6	46.6	58.1	3.35	August	79.7	59.0	69.4	3.78	November	45.5	31.2	38.4	3.35
avg	31.9	18.1	25.0	6.27	avg	56.5	36.2	46.3	9.42	avg	80.1	58.4	69.3	11.01	avg	58.9	40.8	49.9	10.43
	HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP

Grand Rapids 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	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	30.7	18.1	24.4	2.09	2.09	20.8	20.8	1258	1258	3707	0	0	0.0	0.0	17.0	17.0	27.7	27.7	2.2	2.2
FEB	33.7	19.9	26.8	1.79	3.88	14.8	35.6	1070	2328	4777	0	0	0.0	0.0	12.5	29.5	24.7	52.4	1.0	3.2
MAR	44.4	26.9	35.6	2.37	6.25	8.3	43.9	910	3238	5687	1	1	0.0	0.0	4.0	33.5	21.7	74.1	0.1	3.3
APR	58.2	37.7	48.0	3.35	9.60	1.8	45.7	518	3756	6205	7	8	0.0	0.0	0.3	33.8	8.6	82.7	0.0	3.3
MAY	69.5	47.8	58.7	3.98	13.58	0.0	45.7	235	3991	6440	39	47	0.3	0.3	0.0	33.8	0.7	83.4	0.0	3.3
JUNE	79.0	57.7	68.4	3.77	17.35	0.0	45.7	45	4036	6485	145	192	2.0	2.3	0.0	33.8	0.0	83.4	0.0	3.3
JULY	82.8	62.2	72.5	3.78	21.13	0.0	45.7	6	4042	6	239	431	3.5	5.8	0.0	33.8	0.0	83.4	0.0	3.3
AUG	80.6	61.0	70.8	3.59	24.72	0.0	45.7	14	4056	20	194	625	2.3	8.1	0.0	33.8	0.0	83.4	0.0	3.3
SEPT	73.0	52.7	62.8	4.28	29.00	0.0	45.7	132	4188	152	67	692	0.3	8.4	0.0	33.8	0.1	83.5	0.0	3.3
OCT	60.3	41.8	51.0	3.26	32.26	0.5	46.2	440	4628	592	7	699	0.0	8.4	0.0	33.8	3.4	86.9	0.0	3.3
NOV	47.3	33.0	40.1	3.51	35.77	6.8	53.0	746	5374	1338	0	699	0.0	8.4	1.8	35.6	14.5	101.4	0.0	3.3
DEC	34.8	23.5	29.2	2.50	38.27	21.9	74.9	1111	6485	2449	0	699	0.0	8.4	11.7	47.3	25.0	126.4	0.7	4.0

HI	82.8	62.2	72.5	4.28	38.27	21.9	74.9	1258	6485	6485	239	699	4.3	9.5	19.1	55.1	29.0	142.4	3.5	7.9
LOW	30.7	18.1	24.4	1.79	2.09	0.0	20.8	6	1258	6	0	0	0.0	0.0	0.0	19.1	0.0	29.0	0.0	3.5
AVG	57.9	40.2	49.0	3.19	19.49	6.2	45.7	540	3948	3155	58	341	0.8	4.8	4.6	38.7	11.9	88.3	0.7	6.5
TOTAL	694.3	482.3	588.3	38.27	233.90	74.9	548.6	6485	47380	37858	699	4093	9.5	57.3	55.1	464.7	142.4	1059.5	7.9	77.9

Winter MKG					Spring					Summer					Fall				
	HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP
Dec	34.8	23.5	29.2	2.50	March	44.4	26.9	35.6	2.37	June	79.0	57.7	68.4	3.77	September	73.0	52.7	62.8	4.28
Jan	30.7	18.1	24.4	2.09	April	58.2	37.7	48	3.35	July	82.8	62.2	72.5	3.78	October	60.3	41.8	51.0	3.26
Feb	33.7	19.9	26.8	1.79	May	69.5	47.8	58.7	3.98	August	80.6	61.0	70.8	3.59	November	47.3	33.0	40.1	3.51
avg	33.1	20.5	26.8	6.38	avg	57.4	37.5	47.4	9.70	avg	80.8	60.3	70.6	11.14	avg	60.2	42.5	51.3	11.05
	HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP		HI	LOW	MEAN	PRECIP

Grand Rapids 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	-1.4	-2.5	-2.0	-0.06	-0.06	0.3	0.3	59	59	214	0	0	0.0	0.0	2.1	2.1	1.3	1.3	1.3	1.3
FEB	-1.1	-2.5	-1.8	-0.25	-0.32	-2.6	-2.3	65	124	279	0	0	0.0	0.0	2.1	4.2	0.9	2.2	1.7	3.0
MAR	-1.1	-1.0	-1.0	0.22	-0.10	0.7	-1.6	46	170	325	0	0	0.0	0.0	1.3	5.5	1.5	3.7	0.4	3.4
APR	-1.6	-1.6	-1.7	0.13	0.03	1.0	-0.6	53	223	378	-1	-1	0.0	0.0	0.1	5.6	2.8	6.5	0.0	3.4
MAY	0.1	-1.2	-0.6	-0.63	-0.60	0.0	-0.6	20	243	398	-1	-2	0.2	0.2	0.0	5.6	1.0	7.5	0.0	3.4
JUNE	-0.6	-1.9	-1.3	-0.10	-0.70	0.0	-0.6	13	256	411	-21	-23	0.2	0.4	0.0	5.6	0.0	7.5	0.0	3.4
JULY	-0.5	-1.7	-1.1	-0.22	-0.92	0.0	-0.6	4	260	4	-21	-44	0.8	1.2	0.0	5.6	0.0	7.5	0.0	3.4
AUG	-0.9	-2.0	-1.4	0.19	-0.73	0.0	-0.6	10	270	14	-29	-73	-0.2	1.0	0.0	5.6	0.0	7.5	0.0	3.4
SEPT	-1.3	-1.7	-1.5	0.00	-0.73	0.0	-0.6	27	297	41	-11	-84	0.1	1.1	0.0	5.6	0.3	7.8	0.0	3.4
OCT	-0.7	-1.6	-1.1	-0.46	-1.19	0.1	-0.5	31	328	72	-2	-86	0.0	1.1	0.0	5.6	2.3	10.1	0.0	3.4
NOV	-1.8	-1.8	-1.7	-0.16	-1.35	0.9	0.4	47	375	119	0	-86	0.0	1.1	0.8	6.4	3.1	13.2	0.0	3.4
DEC	-1.1	-2.1	-1.6	0.20	-1.15	-3.1	-2.7	36	411	155	0	-86	0.0	1.1	1.4	7.8	2.8	16.0	0.5	3.9
HI	0.1	-1.0	-0.6	0.22	0.03	1.0	0.4	65	411	411	0	0	0.8	1.2	2.1	7.8	3.1	16.0	1.7	3.9
LOW	-1.8	-2.5	-2.0	-0.63	-1.35	-3.1	-2.7	4	59	4	-29	-86	-0.2	0.0	0.0	2.1	0.0	1.3	0.0	1.3
AVG	-1.0	-1.8	-1.4	-0.10	-0.65	-0.2	-0.8	34.3	251.3	200.8	-7.2	-40.4	0.1	0.6	0.7	5.4	1.3	7.6	0.3	3.2
TOTAL	-12.0	-21.6	-16.8	-1.14	-7.82	-2.7	-10.0	411	3016	2410	-86	-485	1.1	7.2	7.8	65.2	16.0	90.8	3.9	38.8