

DIVISION: 1
COUNTY: MARQUETTE

MARQUETTE CITY
STATION #5178
PERIOD ANALYSIS FOR 1981-2010 (30 SEASONS)
MONTHLY DEGREE-DAYS BASE 40

SEASON	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	SEASON
1981	15	98	255	650	796	790	415	132	3242
1982	6	98	545	441	807	618	395	199	3132
1983	12	45	241	636	942	863	520	152	3443
1984	0	121	279	699	753	834	381	284	3381
1985	16	202	462	542	756	661	478	189	3318
1986	36	197	501	629	852	658	462	154	3494
1987	78	257	498	751	868	749	550	76	3877
1988	2	86	567	729	899	821	470	106	3691
1989	20	76	407	545	847	765	470	243	3373
1990	34	238	268	662	764	750	463	120	3370
1991	10	192	535	749	761	803	391	105	3548
1992	0	53	450	524	582	596	403	168	2776
1993	6	34	315	539	779	770	285	101	2829
1994	2	72	393	683	746	658	553	223	3362
1995	30	5	321	764	803	864	401	188	3376
1996	8	33	293	669	666	763	475	169	3078
1997	5	74	176	741	769	630	499	237	3141
1998	31	153	557	677	868	846	625	235	4034
1999	16	105	491	652	891	741	495	137	3597
2000	67	95	435	521	780	776	450	294	3496
2001	0	127	447	694	826	837	451	173	3687
2002	0	100	243	682	958	785	559	89	3423
2003	27	80	353	622	805	839	558	188	3477
2004	10	71	289	556	746	580	627	223	3123
2005	31	190	338	784	873	795	610	250	3901
2006	9	244	448	683	969	812	407	126	3741
2007	55	149	524	759	864	820	572	326	4086
2008	0	81	268	621	813	735	541	179	3303
2009	15	82	347	600	643	691	620	65	3104
2010	47	208	520	640	896	876	383	271	3890
NON-ZERO	25	30	30	30	30	30	30	30	30
ZEROES	5	0	0	0	0	0	0	0	0
PROB OF ZERO	.17	.00	.00	.00	.00	.00	.00	.00	.00

NOTE: STATISTICS ARE COMPUTED ON THE NON-ZERO VALUES

NUMBER SEASON	30	30	30	30	30	30	30	30	30
MEAN	23.5	118.9	392.2	648.1	810.7	757.5	483.6	180.1	3443.1
VARIANCE	414.0	4672.1	12990.4	7273.6	7820.2	7161.8	7322.4	4652.7	105976.4
STND DEV	20.3	68.4	114.0	85.3	88.4	84.6	85.6	68.2	325.5
SKEW	1.2	.5	-.1	-.5	-.4	-.6	-.0	.2	.1
KURTOSIS	3.7	2.2	1.7	2.6	3.3	2.3	2.4	2.3	2.6

NOTE: A MISSING OR INCOMPLETE VALUE, INDICATED BY THE FIELD BEING FILLED WITH 9s, IS NOT INCLUDED IN THE ANALYSIS.

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PARAMETER	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	SEASON
NUMBER SEASON	30	30	30	30	30	30	30	30	30
MEAN	23.5	118.9	392.2	648.1	810.7	757.5	483.6	180.1	3443.1
VARIANCE	414.0	4672.1	12990.4	7273.6	7820.2	7161.8	7322.4	4652.7	105976.4
STND DEV	20.3	68.4	114.0	85.3	88.4	84.6	85.6	68.2	325.5
SKEW	1.2	.5	-.1	-.5	-.4	-.6	-.0	.2	.1
KURTOSIS	3.7	2.2	1.7	2.6	3.3	2.3	2.4	2.3	2.6
GAMMA	1.399	2.460	11.310	56.257	82.676	78.288	31.725	6.669	115.125
BETA	16.807	48.314	34.678	11.521	9.806	9.676	15.244	27.002	999.000
PROB OF ZERO	.17	.00	.00	.00	.00	.00	.00	.00	.00
LEVELS	PROBABILITY PERCENTILE VALUES								
01	0	13	172	464	618	573	306	58	2686
05	0	27	222	513	670	622	352	83	2908
10	0	38	252	540	699	650	377	98	3026
20	2	55	292	575	735	685	410	120	3169
25	4	63	309	588	749	698	423	129	3224
30	6	71	324	600	762	710	435	138	3272
40	10	87	352	623	785	733	457	155	3361
50	14	103	381	644	807	754	478	171	3443
60	19	122	410	666	830	776	500	189	3526
70	25	144	444	691	855	800	525	209	3614
75	29	158	463	704	869	813	538	221	3663
80	33	174	485	720	885	828	554	235	3717
90	46	220	547	761	927	869	596	273	3860
95	59	264	602	797	962	904	632	307	3979
99	89	360	713	866	1030	971	703	378	4200