

DIVISION: 1
COUNTY: MARQUETTE

MARQUETTE CITY
STATION #5178
PERIOD ANALYSIS FOR 1981-2010 (30 SEASONS)
MONTHLY DEGREE-DAYS BASE 45

SEASON	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	SEASON
1981	3	33	154	500	641	635	271	60	2329
1982	0	57	397	294	652	463	261	101	2229
1983	0	19	135	486	787	708	379	80	2602
1984	0	50	167	549	598	679	252	171	2469
1985	1	143	313	395	601	506	344	86	2393
1986	15	114	364	482	697	503	319	80	2574
1987	33	158	353	601	713	594	400	26	2898
1988	0	27	421	579	744	666	320	62	2819
1989	8	31	277	398	692	610	330	155	2501
1990	7	169	141	517	609	595	323	43	2440
1991	0	120	410	599	606	648	264	38	2685
1992	0	19	327	384	427	441	267	95	1960
1993	0	9	194	390	624	615	153	46	2031
1994	0	39	269	535	591	503	407	125	2474
1995	14	0	185	619	648	709	279	105	2559
1996	1	12	179	519	511	608	328	87	2245
1997	0	28	82	591	614	475	352	157	2304
1998	7	77	402	530	713	691	477	120	3021
1999	4	40	350	507	736	586	350	61	2667
2000	26	43	292	375	625	621	312	175	2502
2001	0	61	297	547	671	682	312	86	2717
2002	0	58	152	536	803	630	420	48	2647
2003	10	41	211	473	650	684	419	130	2618
2004	0	33	169	406	591	425	478	117	2222
2005	16	109	227	634	718	640	460	155	2966
2006	2	137	316	533	814	657	278	73	2823
2007	21	86	376	609	709	665	427	219	3113
2008	0	41	139	471	658	580	391	92	2415
2009	3	33	206	450	488	538	476	11	2206
2010	9	106	382	490	741	721	237	153	2860
NON-ZERO	17	29	30	30	30	30	30	30	30
ZEROES	13	1	0	0	0	0	0	0	0
PROB OF ZERO	.43	.03	.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	10.6	65.3	262.9	500.0	655.7	602.6	342.9	98.6	2543.0
VARIANCE	85.0	2173.8	10175.6	7134.9	7820.2	7152.7	6520.0	2481.6	81810.1
STND DEV	9.2	46.6	100.9	84.5	88.4	84.6	80.7	49.8	286.0
SKEW	1.0	.8	.0	-.5	-.4	-.6	-.0	.4	.0
KURTOSIS	3.2	2.4	1.7	2.6	3.3	2.3	2.5	2.6	2.5

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	10.6	65.3	262.9	500.0	655.7	602.6	342.9	98.6	2543.0
VARIANCE	85.0	2173.8	10175.6	7134.9	7820.2	7152.7	6520.0	2481.6	81810.1
STND DEV	9.2	46.6	100.9	84.5	88.4	84.6	80.7	49.8	286.0
SKEW	1.0	.8	.0	-.5	-.4	-.6	-.0	.4	.0
KURTOSIS	3.2	2.4	1.7	2.6	3.3	2.3	2.5	2.6	2.5
GAMMA	1.283	2.052	6.280	33.268	53.110	48.658	17.270	3.319	80.761
BETA	8.256	31.804	41.866	15.028	12.347	12.384	19.854	29.699	31.488
PROB OF ZERO	.43	.03	.00	.00	.00	.00	.00	.00	.00

LEVELS

PROBABILITY PERCENTILE VALUES

01	0	0	81	321	465	420	180	16	1931
05	0	7	117	366	515	468	219	29	2096
10	0	14	141	393	543	495	242	39	2188
20	0	25	173	426	579	529	272	53	2302
25	0	30	187	439	593	542	284	59	2347
30	0	34	200	451	606	554	295	65	2387
40	0	43	224	473	629	577	316	77	2461
50	2	53	249	495	652	598	336	89	2532
60	4	64	276	517	675	620	357	102	2604
70	7	78	306	542	700	645	381	118	2683
75	9	86	324	555	714	658	394	128	2727
80	11	96	345	571	730	674	410	139	2777
90	18	125	403	614	773	715	452	171	2910
95	24	152	456	651	810	751	489	201	3023
99	38	213	566	723	883	820	563	265	3237