

DIVISION: 1
COUNTY: MARQUETTE

MARQUETTE CITY
STATION #5178
PERIOD ANALYSIS FOR 1981-2010 (30 YEARS)
AVERAGE MEAN TEMPERATURE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	9.7	16.7	25.4	39.5	46.7	61.4	65.5	65.2	53.6	40.6	36.0	17.8	39.8
1982	.0	11.0	23.7	35.5	57.2	54.4	65.8	59.7	52.8	44.6	26.2	21.5	37.7
1983	14.8	22.5	27.9	33.8	46.4	61.0	70.1	67.5	56.9	43.4	31.2	5.1	40.0
1984	7.9	24.5	17.5	41.9	47.6	63.1	64.1	66.6	52.2	48.0	30.7	16.8	40.0
1985	8.4	10.0	30.6	43.0	54.7	57.8	64.1	61.1	55.7	45.2	24.8	7.5	38.5
1986	13.6	13.8	28.6	45.2	55.7	60.7	67.3	61.0	55.1	43.4	25.4	20.0	40.8
1987	16.8	24.1	32.8	46.1	55.6	64.8	67.8	63.9	58.0	38.8	33.9	23.0	43.8
1988	8.9	7.6	24.4	39.9	57.9	64.0	68.7	66.2	55.4	38.6	35.2	15.6	40.2
1989	16.4	4.7	18.1	35.7	51.8	57.8	67.0	64.3	55.3	45.1	23.1	5.0	37.0
1990	18.7	14.3	28.2	42.1	47.9	61.7	64.3	63.9	55.1	41.7	32.8	15.0	40.4
1991	6.2	17.3	26.3	43.3	56.6	64.7	64.3	65.6	52.5	40.8	23.6	16.8	39.8
1992	16.1	19.8	23.2	35.2	53.7	57.1	58.5	59.0	52.9	41.8	26.9	17.0	38.4
1993	12.0	12.5	24.8	35.3	49.7	57.7	64.9	64.6	49.0	39.5	25.3	17.7	37.7
1994	-.1	6.6	25.4	36.8	52.0	62.5	63.8	61.0	58.2	46.5	32.4	22.4	38.9
1995	13.9	12.9	27.3	32.1	49.9	65.1	65.6	67.6	52.8	44.1	18.9	12.4	38.5
1996	5.7	9.4	16.0	31.4	48.0	62.0	61.3	64.3	55.5	43.7	22.7	15.4	36.3
1997	8.3	15.3	22.1	35.6	44.3	64.4	64.5	60.1	56.3	44.7	25.7	23.9	38.7
1998	16.4	29.6	25.2	43.4	57.7	62.2	67.6	67.1	60.5	47.1	34.9	22.8	44.5
1999	8.9	21.8	25.9	41.8	55.5	61.4	68.5	63.7	56.2	41.9	37.1	20.7	41.9
2000	11.9	21.6	33.0	38.4	53.7	57.1	64.9	64.7	54.7	48.4	31.4	6.9	40.5
2001	17.9	9.4	23.5	41.1	54.2	62.9	66.4	66.8	54.6	43.6	40.9	24.6	42.1
2002	19.2	22.4	16.1	37.3	46.7	62.5	70.6	65.1	58.4	37.7	27.4	19.8	40.2
2003	8.9	7.6	23.1	36.1	51.1	60.4	65.7	66.9	58.1	43.2	28.3	21.6	39.2
2004	5.6	18.1	28.3	38.7	48.5	58.2	63.8	58.4	60.6	46.0	33.9	15.9	39.7
2005	9.5	20.5	22.1	44.4	49.5	65.8	67.8	65.3	60.0	47.3	31.3	17.4	41.7
2006	24.1	12.4	26.6	46.5	53.6	62.5	71.0	65.9	53.4	39.6	34.2	23.8	42.8
2007	16.1	6.8	29.2	38.1	56.7	65.0	67.5	66.2	58.6	49.6	29.9	14.8	41.5
2008	13.2	9.1	19.3	37.6	48.2	60.4	66.0	63.5	57.7	44.2	29.5	9.9	38.2
2009	4.5	15.8	25.0	38.7	50.8	59.8	60.5	62.0	60.4	38.9	37.4	14.3	39.0
2010	15.0	14.3	34.6	45.5	56.2	61.1	68.5	68.0	52.5	47.5	32.2	15.9	42.6
NON-ZERO	0	0	0	0	0	0	0	0	0	0	0	0	0
ZEROES	0	0	0	0	0	0	0	0	0	0	0	0	0
PROB OF ZERO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NOTE: STATISTICS ARE COMPUTED ON THE ALL THE VALUES.

NUMBER YEARS	30	30	30	30	30	30	30	30	30	30	30	30	30
MEAN	11.62	15.08	25.14	39.33	51.94	61.32	65.88	64.17	55.77	43.52	30.11	16.71	40.01
VARIANCE	22.96	40.36	22.18	17.69	15.81	8.10	8.03	7.41	8.34	10.54	26.57	30.82	3.86
STND DEV	4.79	6.35	4.71	4.21	3.98	2.85	2.83	2.72	2.89	3.25	5.15	5.55	1.96
SKEW	.79	.32	-.14	.04	-.12	-.47	-.45	-.61	-.07	-.06	-.09	-.63	.38
KURTOSIS	2.78	2.24	2.74	2.03	1.75	2.57	3.33	2.31	2.47	2.06	2.40	2.65	2.70

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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NUMBER YEARS	30	30	30	30	30	30	30	30	30	30	30	30	30
MEAN	11.62	15.08	25.14	39.33	51.94	61.32	65.88	64.17	55.77	43.52	30.11	16.71	40.01
VARIANCE	22.96	40.36	22.18	17.69	15.81	8.10	8.03	7.41	8.34	10.54	26.57	30.82	3.86
STND DEV	4.79	6.35	4.71	4.21	3.98	2.85	2.83	2.72	2.89	3.25	5.15	5.55	1.96
SKEW	.79	.32	-.14	.04	-.12	-.47	-.45	-.61	-.07	-.06	-.09	-.63	.38
KURTOSIS	2.78	2.24	2.74	2.03	1.75	2.57	3.33	2.31	2.47	2.06	2.40	2.65	2.70

LEVELS

PROBABILITY PERCENTILE VALUES

01	.5	.3	14.2	29.5	42.7	54.7	59.3	57.8	49.0	36.0	18.1	3.8	35.4
05	3.7	4.6	17.4	32.4	45.4	56.6	61.2	59.7	51.0	38.2	21.6	7.6	36.8
10	5.5	6.9	19.1	33.9	46.8	57.7	62.2	60.7	52.1	39.4	23.5	9.6	37.5
20	7.6	9.7	21.2	35.8	48.6	58.9	63.5	61.9	53.3	40.8	25.8	12.0	38.4
25	8.4	10.8	22.0	36.5	49.3	59.4	64.0	62.3	53.8	41.3	26.6	13.0	38.7
30	9.1	11.7	22.7	37.1	49.9	59.8	64.4	62.7	54.3	41.8	27.4	13.8	39.0
40	10.4	13.5	23.9	38.3	50.9	60.6	65.2	63.5	55.0	42.7	28.8	15.3	39.5
50	11.6	15.1	25.1	39.3	51.9	61.3	65.9	64.2	55.8	43.5	30.1	16.7	40.0
60	12.8	16.7	26.3	40.4	52.9	62.0	66.6	64.9	56.5	44.3	31.4	18.1	40.5
70	14.1	18.4	27.6	41.5	54.0	62.8	67.4	65.6	57.3	45.2	32.8	19.6	41.0
75	14.8	19.4	28.3	42.2	54.6	63.2	67.8	66.0	57.7	45.7	33.6	20.5	41.3
80	15.6	20.4	29.1	42.9	55.3	63.7	68.3	66.5	58.2	46.2	34.4	21.4	41.7
90	17.8	23.2	31.2	44.7	57.0	65.0	69.5	67.7	59.5	47.7	36.7	23.8	42.5
95	19.5	25.5	32.9	46.3	58.5	66.0	70.5	68.7	60.5	48.9	38.6	25.8	43.2
99	22.8	29.9	36.1	49.1	61.2	67.9	72.5	70.5	62.5	51.1	42.1	29.6	44.6