

DIVISION: 1
COUNTY: BARAGA

HERMAN
STATION #3744
PERIOD ANALYSIS FOR 1981-2010 (30 YEARS)
COOLING DEGREE-DAYS (65 F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	0	0	0	0	1	19	63	39	1	0	0	0	123
1982	0	0	0	0	15	0	82	37	25	0	0	0	159
1983	0	0	0	0	0	71	183	102	49	1	0	0	406
1984	0	0	0	0	0	34	26	67	1	0	0	0	128
1985	0	0	0	7	5	16	34	30	30	0	0	0	122
1986	0	0	0	7	26	20	111	15	4	0	0	0	183
1987	0	0	0	11	33	70	118	51	10	0	0	0	293
1988	0	0	0	0	23	98	174	122	10	0	0	0	427
1989	0	0	0	0	6	35	122	73	14	5	0	0	255
1990	0	0	0	22	0	25	66	52	10	0	0	0	175
1991	0	0	0	0	61	63	73	113	13	0	0	0	323
1992	0	0	0	0	29	18	5	29	5	1	0	0	87
1993	0	0	0	0	12	22	86	96	2	0	0	0	218
1994	0	0	0	0	22	55	43	31	26	0	0	0	177
1995	0	0	0	0	8	161	110	128	14	6	0	0	427
1996	0	0	0	0	6	73	26	61	22	0	0	0	188
1997	0	0	0	0	0	51	50	20	3	4	0	0	128
1998	0	0	0	0	13	40	74	77	24	0	0	0	228
1999	0	0	0	0	10	69	170	25	38	0	0	0	312
2000	0	0	0	0	20	11	38	31	6	3	0	0	109
2001	0	0	0	3	1	98	105	124	18	0	0	0	349
2002	0	0	0	3	3	73	180	46	46	0	0	0	351
2003	0	0	0	0	0	28	46	40	12	0	0	0	126
2004	0	0	0	0	4	19	31	10	22	0	0	0	86
2005	0	0	0	0	0	88	103	82	49	15	0	0	337
2006	0	0	0	0	21	30	999	25	0	0	0	0	175
2007	0	0	0	0	11	37	62	48	29	5	0	0	192
2008	0	0	0	0	0	20	29	35	23	0	0	0	107
2009	0	0	0	0	12	28	4	34	3	0	0	0	81
2010	0	0	0	0	39	15	86	110	1	0	0	0	251
NON-ZERO	0	0	0	6	23	29	30	30	29	8	0	0	30
ZEROES	30	30	30	24	7	1	0	0	1	22	30	30	0
PROB OF ZERO	1.00	1.00	1.00	.80	.23	.03	.00	.00	.03	.73	1.00	1.00	.00

NOTE: STATISTICS ARE COMPUTED ON THE NON-ZERO VALUES

NUMBER YEARS	30	30	30	30	30	30	30	30	30	30	30	30	30
MEAN	.0	.0	.0	8.8	16.6	47.8	110.0	58.4	17.6	5.0	.0	.0	217.4
VARIANCE	.0	.0	.0	50.6	203.7	1173.8	30755.1	1280.2	212.1	19.7	.0	.0	11443.9
STND DEV	.0	.0	.0	7.1	14.3	34.3	175.4	35.8	14.6	4.4	.0	.0	107.0
SKEW	.0	.0	.0	1.1	1.4	1.4	4.5	.7	.8	1.5	.0	.0	.6
KURTOSIS	.0	.0	.0	3.0	5.1	5.1	23.6	2.1	2.7	4.4	.0	.0	2.1

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

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PERIOD ANALYSIS FOR 1981-2010 (30 YEARS)
COOLING DEGREE-DAYS (65 F) STATISTICS

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	.0	.0	.0	8.8	16.6	47.8	110.0	58.4	17.6	5.0	.0	.0	217.4
VARIANCE	.0	.0	.0	50.6	203.7	1173.8	30755.1	1280.2	212.1	19.7	.0	.0	11443.9
STND DEV	.0	.0	.0	7.1	14.3	34.3	175.4	35.8	14.6	4.4	.0	.0	107.0
SKEW	.0	.0	.0	1.1	1.4	1.4	4.5	.7	.8	1.5	.0	.0	.6
KURTOSIS	.0	.0	.0	3.0	5.1	5.1	23.6	2.1	2.7	4.4	.0	.0	2.1
GAMMA	.000	.000	.000	2.164	1.327	2.347	999.000	2.709	1.149	1.644	.000	.000	4.320
BETA	.000	.000	.000	4.082	12.481	20.379	999.000	21.571	15.311	3.042	.000	.000	50.330
PROB OF ZERO	1.00	1.00	1.00	.80	.23	.03	.00	.00	.03	.73	1.00	1.00	.00

LEVELS

PROBABILITY PERCENTILE VALUES

01	0	0	0	0	0	0	4	7	0	0	0	0	48
05	0	0	0	0	0	6	5	14	0	0	0	0	78
10	0	0	0	0	0	12	16	20	2	0	0	0	99
20	0	0	0	0	0	20	31	28	4	0	0	0	128
25	0	0	0	0	1	23	36	32	5	0	0	0	141
30	0	0	0	0	2	27	43	36	6	0	0	0	153
40	0	0	0	0	5	33	62	44	9	0	0	0	177
50	0	0	0	0	8	40	73	51	12	0	0	0	201
60	0	0	0	0	12	48	84	60	16	0	0	0	227
70	0	0	0	0	16	57	105	71	21	0	0	0	258
75	0	0	0	0	19	63	111	77	24	1	0	0	276
80	0	0	0	0	22	69	118	84	27	2	0	0	297
90	0	0	0	8	32	89	174	106	39	5	0	0	358
95	0	0	0	12	41	107	181	126	50	8	0	0	413
99	0	0	0	20	63	147	754	169	75	14	0	0	531