

DIVISION: 1
COUNTY: BARAGA

HERMAN
STATION #3744
PERIOD ANALYSIS FOR 1981-2010 (30 YEARS)
EXTREME SNOWFALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	15.3	12.3	6.0	5.6	1.0	.0	.0	.0	.0	7.0	9.0	8.2	66.6
1982	13.7	4.5	10.0	8.5	.0	.0	.0	.0	.0	14.4	12.9	10.0	77.3
1983	6.0	25.0	17.0	5.1	.0	.0	.0	.0	.0	5.5	9.2	17.5	70.4
1984	7.2	7.0	14.5	9.7	3.0	.0	.0	.0	.1	.5	3.0	8.0	55.3
1985	12.0	22.0	13.0	13.0	.0	.0	.0	.0	.0	.3	6.5	32.0	97.0
1986	14.0	8.5	16.0	2.5	1.0	.0	.0	.0	.0	2.5	5.0	6.5	68.5
1987	8.0	6.0	6.5	6.0	.0	.0	.0	.0	.0	4.5	5.0	8.0	58.5
1988	16.0	9.0	20.0	3.5	.0	.0	.0	.0	.0	5.5	13.0	6.0	74.8
1989	11.0	8.5	7.5	6.5	1.0	.0	.0	.0	1.3	3.5	11.0	6.0	47.5
1990	4.0	10.0	8.0	6.0	17.0	.0	.0	.0	.0	8.0	2.0	14.0	37.0
1991	3.5	8.0	5.0	4.0	1.0	.0	.0	.0	.0	5.5	11.0	6.0	52.5
1992	5.5	7.0	5.0	2.0	.0	.0	.0	.0	.0	9.0	7.0	8.5	39.5
1993	6.0	3.5	4.0	14.0	.0	.0	.0	.0	.5	6.0	8.0	5.0	37.0
1994	5.0	3.0	13.0	3.0	.0	.0	.0	.0	.0	1.0	7.0	3.0	34.0
1995	7.0	6.0	9.0	5.0	.0	.0	.0	.0	3.0	8.0	8.0	7.0	64.0
1996	13.0	14.0	26.0	12.5	4.0	.0	.0	.0	.0	3.0	10.0	30.0	111.0
1997	17.0	6.0	13.0	3.0	7.0	.0	.0	.0	.0	5.0	8.0	8.0	114.0
1998	6.0	7.0	6.0	2.0	.0	.0	.0	.0	.0	.0	3.0	4.5	36.0
1999	16.0	4.5	3.0	.5	.1	.0	.0	.0	.0	3.0	3.2	4.5	44.0
2000	5.0	4.3	10.0	1.5	.0	.0	.0	.0	.0	3.0	7.5	12.0	75.3
2001	5.2	12.0	10.5	1.5	.0	.0	.0	.0	.0	9.0	4.0	12.0	57.4
2002	5.5	12.0	15.0	3.5	.0	.0	.0	.0	.0	5.5	6.1	6.5	68.5
2003	8.2	10.2	10.0	4.4	.0	.0	.0	.0	1.0	5.3	5.0	8.1	52.9
2004	5.8	6.2	6.3	4.7	.1	.0	.0	.0	.0	2.8	5.3	15.4	66.8
2005	5.2	11.5	7.9	1.1	.3	.0	.0	.0	.0	.3	15.2	5.1	49.7
2006	4.1	10.2	20.5	.6	4.7	.0	.0	.0	.0	10.1	3.1	4.8	44.3
2007	11.4	5.8	8.4	11.9	.6	.0	.0	.0	.0	.1	8.5	7.6	63.2
2008	10.6	5.5	4.5	12.5	.0	.0	.0	.0	.0	1.2	6.3	4.2	46.8
2009	10.4	8.1	3.6	13.4	.2	.0	.0	.0	.0	6.7	3.7	21.3	57.7
2010	9.2	8.6	1.8	2.9	7.6	.0	.0	.0	.0	.2	4.2	12.1	54.1
NON-ZERO	30	30	30	30	15	0	0	0	5	29	30	30	30
ZEROES	0	0	0	0	15	30	30	30	25	1	0	0	0
PROB OF ZERO	.00	.00	.00	.00	.50	1.00	1.00	1.00	.83	.03	.00	.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	8.89	8.87	10.03	5.68	3.24	.00	.00	.00	1.18	4.70	7.02	10.06	60.72
VARIANCE	17.19	23.76	33.56	18.02	20.71	.00	.00	.00	1.25	12.08	11.18	50.10	408.23
STND DEV	4.15	4.87	5.79	4.25	4.55	.00	.00	.00	1.12	3.48	3.34	7.08	20.20
SKEW	.54	1.79	.90	.76	2.01	.00	.00	.00	.89	.66	.61	1.87	1.07
KURTOSIS	1.95	6.45	3.32	2.25	6.59	.00	.00	.00	2.52	3.29	2.71	5.95	3.92

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	8.89	8.87	10.03	5.68	3.24	.00	.00	.00	1.18	4.70	7.02	10.06	60.72
VARIANCE	17.19	23.76	33.56	18.02	20.71	.00	.00	.00	1.25	12.08	11.18	50.10	408.23
STND DEV	4.15	4.87	5.79	4.25	4.55	.00	.00	.00	1.12	3.48	3.34	7.08	20.20
SKEW	.54	1.79	.90	.76	2.01	.00	.00	.00	.89	.66	.61	1.87	1.07
KURTOSIS	1.95	6.45	3.32	2.25	6.59	.00	.00	.00	2.52	3.29	2.71	5.95	3.92
GAMMA	4.877	4.380	3.098	1.684	.626	.000	.000	.000	999.000	1.141	4.443	2.981	10.387
BETA	1.823	2.026	3.238	3.373	5.176	.000	.000	.000	999.000	4.124	1.581	3.375	5.846
PROB OF ZERO	.00	.00	.00	.00	.50	1.00	1.00	1.00	.83	.03	.00	.00	.00

LEVELS

PROBABILITY PERCENTILE VALUES

01	2.2	2.0	1.5	.3	.0	.0	.0	.0	.0	.0	1.6	1.4	25.6
05	3.5	3.2	2.8	.8	.0	.0	.0	.0	.0	.1	2.6	2.7	33.4
10	4.3	4.1	3.8	1.3	.0	.0	.0	.0	.0	.4	3.2	3.7	38.2
20	5.5	5.3	5.2	2.1	.0	.0	.0	.0	.0	1.1	4.2	5.1	44.6
25	5.9	5.8	5.8	2.5	.0	.0	.0	.0	.0	1.4	4.6	5.8	47.2
30	6.4	6.3	6.5	2.9	.0	.0	.0	.0	.0	1.7	5.0	6.4	49.6
40	7.3	7.2	7.7	3.7	.0	.0	.0	.0	.0	2.4	5.7	7.6	54.2
50	8.3	8.2	9.0	4.6	.0	.0	.0	.0	.0	3.3	6.5	8.9	58.8
60	9.3	9.3	10.4	5.6	.3	.0	.0	.0	.0	4.3	7.3	10.4	63.6
70	10.5	10.5	12.1	6.9	1.1	.0	.0	.0	.0	5.6	8.3	12.1	69.0
75	11.2	11.3	13.1	7.7	1.8	.0	.0	.0	.0	6.4	8.9	13.1	72.1
80	12.0	12.1	14.3	8.7	2.6	.0	.0	.0	.0	7.3	9.6	14.3	75.7
90	14.2	14.6	17.7	11.5	5.3	.0	.0	.0	.5	10.3	11.5	17.8	85.8
95	16.3	16.8	20.9	14.2	8.3	.0	.0	.0	1.1	13.3	13.2	20.9	94.7
99	20.4	21.6	27.8	20.2	15.7	.0	.0	.0	2.5	20.1	17.0	27.2	112.8