

DIVISION: 1
COUNTY: BARAGA

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	.54	.67	1.12	1.15	.97	1.35	1.40	1.55	.69	2.04	.81	.45	6.69
1982	.68	.21	.29	1.42	.81	.90	3.36	2.89	2.36	2.97	1.59	1.05	9.64
1983	.51	1.09	1.13	.65	1.67	1.35	1.12	.95	1.22	1.46	1.37	.60	6.91
1984	.21	.66	1.52	1.95	.86	.55	.64	.80	.78	.48	.59	.50	4.04
1985	.28	.55	.88	3.07	1.25	.70	1.50	1.24	1.70	2.50	1.42	.50	6.63
1986	.40	.42	.97	.98	.30	1.80	.99	1.25	.49	1.50	.30	.31	4.18
1987	.23	.34	.35	.32	1.05	.56	.80	3.20	.90	.96	.40	.80	9.42
1988	.73	.30	.43	.21	.31	.28	1.97	2.44	.78	1.34	1.25	.51	9.39
1989	.74	.41	.66	.60	.59	2.00	1.03	1.35	.17	.53	.29	.22	4.56
1990	.35	.38	.40	.47	1.52	1.37	1.10	.83	1.32	1.54	.82	.30	6.34
1991	.14	.27	.59	.58	1.05	1.60	1.30	.35	1.07	1.83	.89	.38	6.83
1992	.45	.35	.43	.45	.67	.22	2.16	1.50	.82	.85	.91	.91	6.89
1993	.30	.10	.38	.80	.41	.56	.43	.48	.95	1.20	.50	.26	3.25
1994	.36	.10	.65	.88	.51	.66	1.30	.80	.92	.34	.39	.10	5.14
1995	.27	.24	.80	.48	1.24	.80	1.31	1.08	.90	1.15	.31	.25	6.92
1996	.99	.62	2.60	.82	.20	1.64	1.14	.58	.55	.55	.85	1.00	6.03
1997	.82	.45	.48	.27	.80	.73	.82	1.00	.84	.31	.32	.68	4.87
1998	.24	.45	.22	.19	1.08	1.30	.18	1.26	.65	.75	.50	.51	3.74
1999	.80	.53	.41	.54	1.95	.77	1.14	1.11	1.40	.52	.50	.55	9.83
2000	.55	.38	1.10	.22	.63	1.11	.75	.39	1.53	.45	.90	.97	6.77
2001	.38	.76	.71	1.01	.81	.68	1.66	.53	1.12	.52	.42	.79	6.68
2002	.34	.52	.71	1.91	.84	1.69	1.23	1.67	1.74	1.87	.42	.35	7.94
2003	.54	.37	.79	.64	2.78	.59	1.19	.82	.99	.62	1.11	.62	7.29
2004	.29	.43	.58	1.35	1.61	.72	.83	1.32	1.24	.72	.51	.43	5.20
2005	.16	.64	.72	1.20	.72	1.22	.67	.78	1.49	2.25	1.63	.20	6.64
2006	.37	.43	1.46	.69	1.12	.97	1.82	.83	.42	.62	.26	.57	3.40
2007	.42	.33	.44	.69	.58	1.01	.78	1.08	2.10	2.97	.49	.48	8.89
2008	.31	.21	.40	.73	.94	.91	3.33	.82	1.35	.46	.61	.16	7.54
2009	.26	.28	.29	1.30	.62	1.87	1.12	1.63	2.44	1.46	.72	1.14	6.55
2010	.27	.43	.14	.18	.69	.99	3.39	.76	2.52	.67	.52	.37	9.63
NON-ZERO	30	30	30	30	30	30	30	30	30	30	30	30	30
ZEROES	0	0	0	0	0	0	0	0	0	0	0	0	0
PROB OF ZERO	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.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	.431	.431	.722	.858	.953	1.030	1.349	1.176	1.182	1.181	.720	.532	6.594
VARIANCE	.047	.042	.247	.394	.293	.228	.647	.454	.359	.603	.161	.078	3.692
STND DEV	.216	.205	.497	.628	.542	.477	.804	.674	.599	.776	.401	.279	1.921
SKEW	.914	1.036	1.998	1.694	1.443	.393	1.436	1.530	.745	.910	.917	.587	.034
KURTOSIS	2.964	4.896	7.954	6.397	5.632	2.212	4.547	5.130	2.924	2.822	2.754	2.461	2.209

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	.431	.431	.722	.858	.953	1.030	1.349	1.176	1.182	1.181	.720	.532	6.594
VARIANCE	.047	.042	.247	.394	.293	.228	.647	.454	.359	.603	.161	.078	3.692
STND DEV	.216	.205	.497	.628	.542	.477	.804	.674	.599	.776	.401	.279	1.921
SKEW	.914	1.036	1.998	1.694	1.443	.393	1.436	1.530	.745	.910	.917	.587	.034
KURTOSIS	2.964	4.896	7.954	6.397	5.632	2.212	4.547	5.130	2.924	2.822	2.754	2.461	2.209
GAMMA	4.459	4.401	2.826	2.269	3.534	4.330	3.276	3.818	3.773	2.572	3.689	3.497	11.267
BETA	.097	.098	.255	.378	.270	.238	.412	.308	.313	.459	.195	.152	.585
PROB OF ZERO	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

LEVELS

PROBABILITY PERCENTILE VALUES

01	.10	.10	.10	.08	.17	.23	.22	.23	.23	.14	.14	.09	2.89
05	.16	.16	.19	.18	.30	.37	.40	.39	.39	.28	.23	.16	3.73
10	.20	.20	.25	.26	.39	.47	.52	.50	.50	.39	.30	.22	4.23
20	.26	.26	.36	.38	.52	.61	.72	.66	.66	.56	.40	.29	4.91
25	.28	.28	.41	.44	.58	.67	.80	.73	.74	.64	.45	.32	5.19
30	.31	.30	.45	.50	.64	.73	.88	.80	.80	.72	.49	.35	5.44
40	.35	.35	.54	.61	.75	.84	1.05	.94	.94	.87	.57	.42	5.92
50	.40	.40	.64	.74	.86	.95	1.21	1.07	1.08	1.03	.66	.48	6.40
60	.45	.45	.74	.88	.99	1.08	1.40	1.23	1.23	1.21	.75	.55	6.90
70	.51	.51	.87	1.04	1.14	1.22	1.62	1.40	1.41	1.43	.86	.64	7.47
75	.55	.55	.95	1.15	1.23	1.31	1.75	1.51	1.51	1.56	.93	.69	7.79
80	.59	.59	1.03	1.27	1.33	1.41	1.90	1.63	1.64	1.72	1.00	.74	8.17
90	.70	.71	1.29	1.62	1.63	1.69	2.35	1.98	1.99	2.17	1.22	.91	9.20
95	.81	.81	1.53	1.96	1.91	1.96	2.76	2.30	2.32	2.59	1.42	1.07	10.12
99	1.04	1.04	2.03	2.70	2.50	2.51	3.65	2.96	2.99	3.51	1.85	1.40	12.00