

DIVISION: 1
COUNTY: BARAGA

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	2.25	2.92	2.76	3.30	2.60	5.78	3.22	4.61	2.87	6.69	2.04	3.30	42.34
1982	3.85	1.08	1.77	5.44	2.73	2.33	9.64	6.22	6.91	6.69	3.80	4.35	54.81
1983	3.04	1.98	4.48	3.03	6.91	4.54	3.00	2.69	5.91	5.02	6.82	3.17	50.59
1984	1.58	2.24	4.04	2.55	1.97	2.88	2.30	3.90	3.85	2.21	1.56	3.20	32.28
1985	1.70	2.35	2.73	5.64	3.78	2.86	3.64	6.40	6.63	4.36	6.00	2.39	48.48
1986	2.25	1.20	2.58	2.09	.55	3.47	3.07	4.18	2.85	3.72	2.03	1.29	29.28
1987	1.34	1.19	1.29	1.07	3.99	1.87	3.91	9.42	2.90	3.90	2.39	4.47	37.74
1988	2.92	1.68	2.57	.75	1.52	.97	3.12	9.39	3.30	5.68	4.83	2.29	39.02
1989	2.05	1.60	1.65	1.69	2.10	4.56	1.40	3.87	.67	2.78	2.28	1.57	26.22
1990	1.43	.76	1.53	1.97	3.25	6.34	3.42	1.52	5.81	4.39	1.52	1.29	33.23
1991	1.23	1.07	2.82	2.11	3.43	3.44	6.83	1.26	3.71	4.62	4.68	1.63	36.83
1992	1.80	1.72	1.24	1.42	2.23	.82	6.89	4.83	3.56	2.56	3.68	3.13	33.88
1993	1.70	.35	1.08	2.27	2.41	2.19	1.44	3.17	2.71	3.25	2.12	1.53	24.22
1994	1.71	.38	1.20	1.74	1.89	3.65	5.14	3.16	2.85	1.06	1.18	.56	24.52
1995	1.28	1.64	2.19	1.55	4.39	.99	5.36	3.64	4.16	6.92	2.80	1.93	36.85
1996	2.93	2.03	3.36	3.65	.57	5.32	6.03	2.80	2.64	2.32	3.32	4.49	39.46
1997	4.87	1.10	2.31	.85	2.92	1.60	3.42	3.31	2.82	1.83	1.85	2.78	29.66
1998	1.49	.72	1.90	.44	2.06	3.74	.99	2.90	2.73	1.99	3.33	1.71	24.00
1999	2.87	1.52	.78	1.62	9.83	4.83	7.10	3.04	4.90	3.75	1.49	2.69	44.42
2000	3.80	2.37	5.15	1.35	2.41	4.94	3.46	1.91	5.08	2.48	3.80	6.77	43.52
2001	2.25	3.94	2.85	5.07	4.07	3.71	6.68	2.19	2.64	3.63	2.11	3.51	42.65
2002	2.23	3.66	3.57	4.93	2.73	6.55	3.87	3.89	6.80	7.94	2.59	1.98	50.74
2003	2.45	1.20	3.41	2.66	7.29	1.92	3.81	2.51	4.63	3.76	3.93	2.49	40.06
2004	1.92	1.55	3.94	4.24	5.20	2.61	3.97	3.82	2.39	4.52	1.86	3.07	39.09
2005	1.15	2.15	2.19	2.42	3.70	4.33	2.65	1.76	3.68	6.64	5.14	2.15	37.96
2006	2.08	1.85	2.00	1.66	3.40	1.44	3.28	2.02	1.62	2.64	1.50	1.78	25.27
2007	2.16	1.06	1.71	2.94	2.07	2.23	2.15	1.61	7.63	8.89	1.83	2.42	36.70
2008	1.66	.99	2.05	4.03	2.55	3.08	7.54	1.93	4.33	3.03	2.67	1.66	35.52
2009	1.47	2.12	.84	3.85	2.02	4.42	4.46	6.55	3.49	6.11	2.03	3.11	40.47
2010	1.95	2.14	.40	.70	2.24	4.92	6.34	2.78	9.63	2.33	2.99	2.55	38.97
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	2.180	1.685	2.346	2.568	3.227	3.411	4.271	3.709	4.123	4.190	2.939	2.642	37.293
VARIANCE	.748	.710	1.327	2.159	3.844	2.577	4.265	4.327	3.830	3.909	2.025	1.537	66.313
STND DEV	.865	.842	1.152	1.469	1.961	1.605	2.065	2.080	1.957	1.977	1.423	1.240	8.143
SKEW	1.356	.838	.526	.608	1.666	.159	.655	1.414	.904	.635	1.070	1.259	.102
KURTOSIS	4.633	3.731	2.744	2.368	6.037	2.111	2.870	4.566	3.557	2.551	3.445	5.357	2.524

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

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PRECIPITATION (INCHES) 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	2.180	1.685	2.346	2.568	3.227	3.411	4.271	3.709	4.123	4.190	2.939	2.642	37.293
VARIANCE	.748	.710	1.327	2.159	3.844	2.577	4.265	4.327	3.830	3.909	2.025	1.537	66.313
STND DEV	.865	.842	1.152	1.469	1.961	1.605	2.065	2.080	1.957	1.977	1.423	1.240	8.143
SKEW	1.356	.838	.526	.608	1.666	.159	.655	1.414	.904	.635	1.070	1.259	.102
KURTOSIS	4.633	3.731	2.744	2.368	6.037	2.111	2.870	4.566	3.557	2.551	3.445	5.357	2.524
GAMMA	7.831	3.890	3.826	2.931	3.192	3.903	4.216	3.988	4.490	4.603	5.037	4.944	20.935
BETA	.278	.433	.613	.876	1.011	.874	1.013	.930	.918	.910	.583	.534	1.781
PROB OF ZERO	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

LEVELS

PROBABILITY PERCENTILE VALUES

01	.78	.34	.46	.36	.51	.68	.93	.76	.95	.99	.76	.67	20.97
05	1.07	.56	.78	.68	.93	1.14	1.51	1.26	1.52	1.57	1.16	1.03	24.97
10	1.26	.72	1.00	.93	1.23	1.47	1.91	1.61	1.91	1.96	1.43	1.28	27.29
20	1.51	.96	1.32	1.30	1.70	1.94	2.50	2.12	2.46	2.52	1.82	1.63	30.31
25	1.62	1.06	1.47	1.46	1.90	2.14	2.75	2.35	2.70	2.76	1.98	1.77	31.51
30	1.71	1.16	1.60	1.62	2.10	2.34	2.99	2.56	2.93	2.99	2.14	1.91	32.61
40	1.90	1.35	1.87	1.94	2.49	2.72	3.46	2.97	3.37	3.44	2.44	2.19	34.67
50	2.09	1.54	2.14	2.28	2.90	3.12	3.94	3.40	3.82	3.89	2.75	2.46	36.68
60	2.29	1.76	2.44	2.65	3.35	3.55	4.46	3.86	4.31	4.38	3.08	2.76	38.76
70	2.51	2.01	2.80	3.09	3.88	4.06	5.07	4.40	4.88	4.95	3.46	3.11	41.06
75	2.64	2.15	3.00	3.35	4.20	4.36	5.43	4.72	5.22	5.29	3.69	3.31	42.37
80	2.79	2.33	3.25	3.66	4.57	4.70	5.85	5.10	5.61	5.68	3.95	3.55	43.86
90	3.21	2.82	3.94	4.55	5.65	5.70	7.06	6.16	6.73	6.80	4.69	4.21	47.93
95	3.59	3.27	4.58	5.38	6.65	6.61	8.17	7.12	7.75	7.82	5.37	4.81	51.43
99	4.33	4.18	5.89	7.04	8.82	8.44	10.52	9.00	9.92	9.97	6.80	5.99	57.98