

DIVISION: 1
COUNTY: BARAGA

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1981	1631	1280	1172	741	520	163	89	71	393	755	919	1441	9175
1982	1913	1489	1311	960	271	336	68	204	345	606	1086	1327	9916
1983	1472	1188	1172	918	573	188	35	31	281	646	1020	1792	9316
1984	1735	1156	1458	684	506	106	123	77	432	574	1026	1473	9350
1985	1720	1475	1107	680	369	264	101	143	318	605	1197	1734	9713
1986	1582	1404	1112	640	315	216	64	158	315	667	1165	1348	8986
1987	1447	1117	1005	545	328	112	52	123	270	797	997	1287	8080
1988	1668	1572	1232	730	320	132	30	86	276	791	1022	1503	9362
1989	1408	1559	1367	842	421	223	45	83	265	575	1212	1752	9752
1990	1319	1295	1067	666	516	147	97	92	295	690	927	1479	8590
1991	1685	1249	1151	625	286	91	78	79	368	692	1144	1423	8871
1992	1475	1290	1274	845	342	245	196	200	307	704	1115	1420	9413
1993	1532	1420	1206	890	438	218	40	67	418	722	1150	1376	9477
1994	1923	1545	1156	793	400	124	67	130	227	518	951	1178	9012
1995	1478	1397	1046	881	359	85	64	23	344	639	1315	1552	9183
1996	1623	1518	1406	973	501	134	148	85	304	710	1243	1494	10139
1997	1718	1405	1393	909	703	97	97	217	316	692	1143	1276	9966
1998	1526	1043	1247	669	316	235	47	35	179	522	933	1304	8056
1999	1626	1158	1127	679	283	153	36	119	288	687	824	1384	8364
2000	1621	1236	963	851	317	191	83	98	344	508	983	1690	8885
2001	1337	1441	1247	668	304	150	74	54	299	653	793	1311	8331
2002	1446	1252	1471	850	580	142	31	71	228	852	1176	1348	9447
2003	1694	1549	1308	831	466	201	82	115	289	704	1081	1335	9655
2004	1800	1340	1189	854	513	251	150	259	203	655	983	1565	9762
2005	1710	1302	1391	685	501	77	70	92	183	557	1035	1447	9050
2006	1255	1464	1307	710	483	228	64	146	448	886	1014	1316	9321
2007	1588	1655	1219	988	392	172	138	132	226	532	1103	1526	9671
2008	1533	1615	1552	871	597	197	97	127	285	668	1066	1657	10265
2009	1824	1390	1295	825	508	256	215	180	195	833	857	1531	9909
2010	1400	1264	951	598	352	186	39	78	434	610	994	1528	8434
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	1589.6	1368.9	1230.1	780.0	426.0	177.3	84.0	112.5	302.5	668.3	1049.1	1459.9	9248.4
VARIANCE	28423.6	25020.4	22826.4	14643.4	12530.8	3920.9	2200.1	3265.3	5496.3	9925.0	15527.4	23608.0	358912.4
STND DEV	168.6	158.2	151.1	121.0	111.9	62.6	46.9	57.1	74.1	99.6	124.6	153.6	599.1
SKEW	.1	-.1	.1	-.0	.5	.3	1.2	.7	.3	.3	-.0	.5	-.4
KURTOSIS	2.4	2.1	2.5	1.9	2.4	2.6	4.0	3.0	2.4	2.5	2.6	2.6	2.3

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

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HERMAN
STATION #3744
PERIOD ANALYSIS FOR 1981-2010 (30 YEARS)
HEATING 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	1589.6	1368.9	1230.1	780.0	426.0	177.3	84.0	112.5	302.5	668.3	1049.1	1459.9	9248.4
VARIANCE	28423.6	25020.4	22826.4	14643.4	12530.8	3920.9	2200.1	3265.3	5496.3	9925.0	15527.4	23608.0	358912.4
STND DEV	168.6	158.2	151.1	121.0	111.9	62.6	46.9	57.1	74.1	99.6	124.6	153.6	599.1
SKEW	.1	-.1	.1	-.0	.5	.3	1.2	.7	.3	.3	-.0	.5	-.4
KURTOSIS	2.4	2.1	2.5	1.9	2.4	2.6	4.0	3.0	2.4	2.5	2.6	2.6	2.3
GAMMA	91.246	75.934	68.006	41.975	15.346	7.913	3.791	3.779	16.913	46.973	71.940	95.675	241.436
BETA	17.421	18.028	18.088	18.583	27.759	22.412	22.156	29.770	17.885	14.228	14.583	15.259	999.000
PROB OF ZERO	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

LEVELS

PROBABILITY PERCENTILE VALUES

01	1228	1030	910	527	214	64	16	22	158	462	783	1135	7855
05	1326	1121	995	593	264	88	28	37	192	516	854	1223	8263
10	1380	1172	1043	630	294	103	36	48	213	547	894	1272	8481
20	1448	1235	1103	677	333	123	47	63	239	585	944	1333	8744
25	1474	1260	1126	696	349	132	52	70	250	600	963	1357	8844
30	1498	1282	1148	712	363	140	57	77	260	614	981	1378	8934
40	1542	1323	1187	744	390	155	67	89	278	639	1013	1417	9097
50	1584	1362	1224	773	417	170	77	103	296	663	1044	1455	9248
60	1626	1402	1262	804	445	186	88	117	315	688	1075	1493	9400
70	1673	1446	1304	838	476	204	100	134	336	715	1110	1534	9563
75	1698	1470	1327	857	493	215	108	144	348	731	1129	1557	9652
80	1728	1498	1354	878	514	227	116	156	362	748	1151	1584	9753
90	1806	1572	1425	936	570	261	142	190	399	794	1209	1654	10016
95	1873	1634	1485	985	619	291	165	221	431	834	1258	1713	10234
99	2002	1747	1603	1073	719	349	212	285	492	905	1347	1826	10642