

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1717 ft. Lat: 46.6653° N Lon: 88.3772° W

Station: HERMAN, MI US USC00203744

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	19.1	6.7	12.9	4.9	5.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	1304.8	1366.8	1459.9	1615.0	0.0	0.0	0.0	27.3	30.9	10.8
02	23.3	6.7	15.0	5.9	6.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1119.8	1175.8	1259.9	1399.9	0.0	0.0	0.5	22.1	27.7	10.0
03	34.2	14.0	24.1	5.4	5.7	5.3	1.0	0.5	0.1	0.0	0.0	0.0	958.8	1020.4	1113.0	1267.9	0.0	0.0	4.2	14.0	29.1	6.5
04	46.7	26.4	36.5	5.0	3.4	4.0	5.4	3.2	1.4	0.1	0.0	0.0	558.8	616.7	704.8	853.6	0.0	0.0	12.6	3.4	24.2	0.6
05	62.1	39.4	50.7	4.2	3.1	3.6	73.4	55.0	34.0	12.2	2.4	1.0	205.4	249.0	320.9	454.1	0.0	0.1	26.2	0.2	9.7	0.0
06	70.8	49.2	60.0	2.8	2.2	2.3	190.7	149.7	97.4	37.3	10.0	5.3	40.8	59.9	97.5	187.4	0.0	0.3	29.8	0.0	1.2	0.0
07	74.8	53.5	64.2	3.6	2.9	3.0	292.2	237.9	163.9	70.9	21.1	10.6	8.8	16.4	35.4	97.3	0.0	0.3	31.0	0.0	0.0	0.0
08	72.8	52.0	62.4	2.7	2.6	2.4	241.8	190.8	125.0	49.0	13.3	6.9	12.6	23.6	50.7	129.6	0.0	0.2	30.9	0.0	0.1	0.0
09	64.5	45.8	55.1	3.3	3.2	3.1	108.5	80.3	47.6	15.8	3.6	1.8	104.2	136.0	193.3	311.4	0.0	0.0	28.2	0.0	3.2	0.0
10	50.4	35.0	42.7	3.8	3.1	3.3	17.8	11.6	5.6	1.4	0.2	0.0	399.1	454.9	541.9	692.7	0.0	0.0	16.4	0.9	15.9	0.0
11	35.6	23.0	29.3	5.6	4.8	5.1	0.8	0.3	0.1	0.0	0.0	0.0	771.7	831.3	921.0	1071.0	0.0	0.0	3.8	12.4	26.3	0.6
12	24.2	13.0	18.6	4.1	5.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	1128.2	1190.2	1283.3	1438.3	0.0	0.0	0.1	23.9	30.8	5.4
Summary	48.2	30.4	39.3	4.3	4.1	4.0	932	729	475	187	51	26	6613	7141	7982	9518	0.0	0.9	183.7	104.2	199.1	33.9

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	2.21	18.2	8.0	0.6	0.1	1.70	2.01	2.42	
02	1.82	13.7	6.7	0.4	0.0	1.08	1.68	2.26	
03	2.28	12.7	6.4	0.9	0.2	1.56	2.03	3.23	
04	2.87	12.6	7.4	1.6	0.3	1.81	2.80	3.77	
05	3.40	13.2	8.3	2.1	0.6	2.28	3.26	3.87	
06	3.50	12.4	7.8	2.3	0.6	2.28	3.51	4.65	
07	4.58	13.1	8.2	3.1	1.0	3.43	4.21	6.02	
08	3.29	12.3	7.3	2.5	0.8	2.24	3.10	3.88	
09	4.19	14.4	9.1	2.5	0.8	2.82	3.68	5.04	
10	4.39	16.4	10.3	2.2	0.8	2.69	3.78	5.86	
11	3.00	16.8	9.4	1.4	0.2	2.05	2.80	3.90	
12	2.73	17.9	9.0	0.9	0.1	1.87	2.52	3.13	
Summary	38.26	173.7	97.9	20.5	5.5	25.81	35.38	48.03	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	47.80	19.2	14.6	5.8	2.5	0.6	31.0	31.0	31.0	29.8	36.00	40.70	55.50
02	35.00	15.0	10.8	4.2	1.9	0.4	28.5	28.5	28.5	28.1	23.40	32.10	46.30
03	27.80	10.8	7.9	3.5	1.5	0.4	30.3	29.9	29.4	26.7	18.50	27.80	35.50
04	16.40	6.3	4.7	2.0	0.8	0.4	18.5	16.8	15.0	12.6	6.70	11.60	23.60
05	2.20	1.3	0.7	0.3	0.1	0.0	1.6	1.1	0.8	0.5	0.00	0.20	1.40
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	8.00	3.4	2.4	1.0	0.5	0.0	3.6	1.9	1.0	0.3	1.10	6.20	12.20
11	28.70	12.1	8.7	3.9	1.7	0.2	18.3	14.6	9.9	3.9	15.10	27.30	39.10
12	41.70	17.9	13.0	5.5	2.1	0.4	29.7	28.5	26.3	20.2	27.00	40.00	46.90
Summary	207.8	86.1	62.9	26.2	11.1	2.4	161.5	152.3	141.9	122.1	127.8	185.9	260.5

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.1	1.4	17.5	79.2	354.0	600.0	748.4	694.2	457.4	165.2	22.7	0.4
45	0.0	0.3	7.1	38.3	234.3	452.2	593.4	539.3	320.0	90.8	8.9	0.0
50	0.0	0.0	2.9	15.6	139.2	312.1	439.3	386.1	200.9	44.1	3.1	0.0
55	0.0	0.0	1.0	5.4	73.4	190.7	292.2	241.8	108.5	17.8	0.8	0.0
60	0.0	0.0	0.1	1.4	34.0	97.4	163.9	125.0	47.6	5.6	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.6	11.9	56.5	219.1	359.1	463.2	416.9	251.9	82.6	11.1	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	2	19	98	452	1052	1801	2495	2952	3117	3140	3140
45	0	0	7	46	280	732	1326	1865	2185	2276	2285	2285
50	0	0	3	18	158	470	909	1295	1496	1540	1543	1543
55	0	0	1	6	80	270	563	804	913	931	932	932
60	0	0	0	2	36	133	297	422	469	475	475	475
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	12	69	288	647	1110	1527	1779	1862	1873	1873

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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