

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 689 ft. Lat: 42.7461° N Lon: 86.0967° W
Station: **HOLLAND TULIP CITY AP, MI US USW00004839**

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	31.8	19.9	25.9	3.9	5.2	4.5	0.1	0.0	0.0	0.0	0.0	0.0	903.5	965.4	1058.4	1213.6	0.0	0.0	1.6	15.5	27.0	1.5
02	34.3	20.5	27.4	5.0	5.4	5.2	0.3	0.1	0.0	0.0	0.0	0.0	773.0	828.8	912.7	1052.8	0.0	0.0	2.0	12.4	24.5	0.8
03	44.4	27.6	36.0	4.9	4.5	4.6	9.4	6.8	4.0	1.4	0.4	0.1	598.4	657.7	748.0	900.4	0.0	0.0	9.5	4.3	21.9	0.2
04	56.8	37.4	47.1	3.9	2.3	3.0	32.6	22.3	11.8	3.3	0.4	0.2	269.6	319.3	398.9	540.3	0.0	0.0	22.4	0.3	8.1	0.0
05	68.6	47.9	58.3	3.8	3.4	3.5	166.9	130.7	86.7	36.6	11.9	6.6	66.3	92.0	141.0	245.9	0.0	0.6	30.0	0.0	0.8	0.0
06	78.1	57.7	67.9	2.7	2.3	2.2	389.7	332.6	251.0	133.9	55.1	34.9	2.8	5.8	14.2	47.0	0.0	1.9	30.0	0.0	0.0	0.0
07	81.7	61.6	71.6	3.2	2.6	2.8	516.1	454.2	361.7	215.4	97.5	63.7	0.0	0.1	0.7	9.3	0.0	3.7	31.0	0.0	0.0	0.0
08	80.2	59.9	70.0	2.3	2.8	2.4	466.5	404.6	312.7	171.1	66.3	39.3	0.1	0.2	1.3	14.6	0.0	1.5	31.0	0.0	0.0	0.0
09	73.5	52.4	62.9	3.1	2.5	2.6	254.3	204.9	140.4	61.9	20.2	11.4	15.9	26.5	52.1	123.4	0.0	0.8	30.0	0.0	0.0	0.0
10	60.8	42.6	51.7	2.7	2.2	2.3	63.1	44.9	24.7	7.7	2.0	1.0	165.4	209.2	282.0	420.0	0.0	0.0	27.6	0.0	2.9	0.0
11	47.6	33.8	40.7	4.9	3.2	3.9	6.5	3.5	1.2	0.1	0.0	0.0	435.5	492.5	580.1	729.1	0.0	0.0	13.2	1.7	13.1	0.0
12	36.9	26.2	31.5	4.1	3.9	3.9	0.4	0.2	0.1	0.0	0.0	0.0	727.3	789.0	881.9	1036.9	0.0	0.0	3.2	9.2	24.5	0.2
Summary	57.9	40.6	49.3	3.7	3.4	3.4	1906	1605	1194	631	254	157	3958	4386	5071	6333	0.0	8.5	231.5	43.4	122.8	2.7

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	1.87	14.0	5.4	0.9	0.1	1.20	1.73	2.63
02	1.77	12.9	4.8	1.0	0.2	1.07	1.65	2.28
03	2.07	10.5	5.3	1.2	0.2	0.99	2.24	3.04
04	3.50	12.7	7.6	2.4	0.7	2.41	3.14	4.37
05	3.76	12.8	7.7	2.5	0.9	2.44	3.62	5.02
06	3.45	11.0	6.2	1.9	0.7	1.68	2.95	4.60
07	2.80	9.9	4.7	2.0	0.6	1.79	2.75	3.36
08	3.06	10.9	5.7	2.1	0.7	2.06	2.81	3.56
09	2.95	11.1	5.8	1.9	0.6	1.30	2.52	4.05
10	4.22	14.1	8.4	2.7	1.1	2.59	3.67	5.69
11	3.20	12.6	6.5	1.8	0.5	2.00	2.76	4.01
12	2.11	13.8	5.8	1.0	0.2	1.42	1.99	2.41
Summary	34.76	146.3	73.9	21.4	6.5	20.95	31.83	45.02

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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	7.0	11.8	75.9	247.1	566.4	836.8	981.1	931.4	688.4	367.6	115.8	21.9
45	1.8	4.5	40.2	145.6	416.4	686.9	826.1	776.5	538.8	233.1	54.7	7.5
50	0.4	1.3	19.5	74.7	278.8	537.1	671.1	621.5	391.7	131.3	21.9	2.1
55	0.1	0.3	9.4	32.6	166.9	389.7	516.1	466.5	254.3	63.1	6.5	0.4
60	0.0	0.0	4.0	11.8	86.7	251.0	361.7	312.7	140.4	24.7	1.2	0.1
Growing Degree Units for Corn (Monthly)												
50/86	2.4	5.9	44.0	138.6	326.3	537.1	659.6	617.7	417.6	190.0	49.2	7.1

Growing Degree Units (Accumulated Monthly)												
40	7	19	95	342	908	1745	2726	3658	4346	4714	4829	4851
45	2	6	46	192	608	1295	2122	2898	3437	3670	3725	3732
50	0	2	21	96	375	912	1583	2204	2596	2727	2749	2751
55	0	0	10	42	209	599	1115	1582	1836	1899	1905	1906
60	0	0	4	16	102	354	715	1028	1168	1193	1194	1194
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	8	52	191	517	1054	1714	2332	2749	2939	2988	2996

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