

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1295 ft. Lat: 40.8203° N Lon: 82.5178° W
Station: MANSFIELD LAHM MUNI AP, OH US USW00014891

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	34.0	19.1	26.5	4.9	5.4	5.1	0.6	0.3	0.0	0.0	0.0	0.0	882.3	943.9	1036.6	1191.7	0.0	0.0	3.7	15.3	27.1	3.0
02	37.0	21.2	29.1	5.6	5.6	5.5	1.4	0.9	0.4	0.0	0.0	0.0	726.5	781.9	865.4	1005.1	0.0	0.0	4.1	11.3	24.2	1.6
03	46.9	28.7	37.8	4.9	4.2	4.4	12.9	8.4	4.0	1.0	0.1	0.0	546.0	603.6	692.1	844.1	0.0	0.0	12.0	4.5	20.9	0.1
04	60.4	38.9	49.7	3.0	2.7	2.7	57.9	41.7	23.6	7.1	1.2	0.5	218.4	262.2	334.1	467.6	0.0	0.0	24.4	0.2	8.4	0.0
05	71.1	49.6	60.3	4.0	3.6	3.7	211.7	171.1	118.8	54.9	18.7	10.4	45.9	67.3	108.0	199.1	0.0	0.2	30.5	0.0	0.5	0.0
06	79.4	58.6	69.0	2.2	1.9	1.8	421.9	364.1	280.5	157.8	66.4	41.5	2.1	4.3	10.7	37.9	0.0	1.5	30.0	0.0	0.0	0.0
07	82.8	62.3	72.6	2.9	2.3	2.5	543.9	481.9	389.0	239.3	114.6	76.3	0.0	0.0	0.1	5.4	0.0	3.2	31.0	0.0	0.0	0.0
08	81.2	60.8	71.0	2.6	2.6	2.5	495.9	434.0	342.0	197.1	85.4	53.9	0.0	0.1	1.1	11.1	0.0	2.3	31.0	0.0	0.0	0.0
09	75.0	53.7	64.4	3.0	2.4	2.5	293.2	241.1	171.1	80.9	29.0	17.5	12.8	20.8	40.8	100.5	0.0	1.0	30.0	0.0	0.0	0.0
10	62.8	43.1	53.0	2.7	2.4	2.4	87.1	64.1	38.1	12.1	2.9	1.5	150.6	189.6	256.7	385.6	0.0	0.0	27.3	0.0	3.5	0.0
11	49.6	33.4	41.5	5.0	3.3	4.0	12.0	7.0	2.9	0.3	0.0	0.0	416.9	471.9	557.8	705.3	0.0	0.0	14.5	2.2	14.9	0.0
12	38.6	25.0	31.8	4.8	4.5	4.6	1.5	0.8	0.3	0.0	0.0	0.0	720.6	781.9	874.3	1029.1	0.0	0.0	5.8	10.5	24.6	0.5
Summary	59.9	41.2	50.6	3.8	3.4	3.5	2140	1815	1371	750	318	202	3722	4128	4778	5982	0.0	8.2	244.3	44.0	124.1	5.2

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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	3.22	15.8	7.7	1.7	0.6	2.24	2.90	3.78	
02	2.53	13.4	6.4	1.4	0.3	1.75	2.24	2.70	
03	3.34	14.0	7.6	2.0	0.5	2.50	3.25	4.04	
04	4.27	14.6	8.8	2.9	0.7	3.07	4.30	4.91	
05	4.19	14.2	9.6	2.9	0.6	3.00	3.90	5.01	
06	4.79	12.7	8.7	3.7	1.1	3.07	4.30	6.60	
07	3.86	10.8	7.0	2.8	1.0	2.39	3.26	4.92	
08	3.60	10.2	6.4	2.3	0.9	2.25	3.15	4.47	
09	3.36	9.6	6.0	2.2	0.9	2.38	2.90	4.24	
10	3.16	11.3	6.6	2.0	0.6	2.12	2.76	4.26	
11	3.15	11.7	6.5	1.8	0.5	2.05	2.79	3.95	
12	3.02	14.3	7.1	2.0	0.5	2.29	3.03	3.84	
Summary	42.49	152.6	88.4	27.7	8.2	29.11	38.78	52.72	

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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	14.50	11.3	5.0	1.2	0.3	0.1	16.1	9.2	5.0	1.1	6.70	15.10	19.10
02	12.70	9.3	4.1	1.3	0.4	0.1	13.5	8.0	4.4	0.5	7.20	10.70	13.60
03	7.60	6.1	2.4	0.7	0.3	0.0	5.5	2.6	1.2	0.1	3.50	5.60	10.70
04	1.90	1.9	0.7	0.1	0.1	0.0	0.4	0.0	0.0	0.0	0.00	0.60	1.90
05	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.50	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	2.30	2.8	0.7	0.2	0.0	0.0	1.6	0.2	0.0	0.0	0.10	2.10	3.40
12	9.70	7.7	2.7	0.9	0.3	0.1	9.6	4.1	1.3	0.7	3.40	7.60	12.60
Summary	49.2	39.3	15.7	4.4	1.4	0.3	46.7	24.1	11.9	2.4	20.9	41.7	61.3

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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	23.5	27.8	110.2	315.4	631.0	869.9	1009.0	960.9	730.5	407.6	145.1	39.6
45	9.3	11.9	60.8	202.7	478.1	719.9	854.0	805.9	580.7	272.5	77.2	16.4
50	3.1	4.5	30.3	116.6	333.7	570.1	699.0	650.9	433.4	164.5	35.2	5.6
55	0.6	1.4	12.9	57.9	211.7	421.9	543.9	495.9	293.2	87.1	12.0	1.5
60	0.0	0.4	4.0	23.6	118.8	280.5	389.0	342.0	171.1	38.1	2.9	0.3
Growing Degree Units for Corn (Monthly)												
50/86	10.0	14.7	64.6	185.7	379.4	568.3	684.3	642.4	451.9	226.5	72.0	16.9

Growing Degree Units (Accumulated Monthly)												
40	24	51	162	477	1108	1978	2987	3948	4678	5086	5231	5271
45	9	21	82	285	763	1483	2337	3143	3723	3996	4073	4089
50	3	8	38	154	488	1058	1757	2408	2842	3006	3041	3047
55	1	2	15	73	284	706	1250	1746	2039	2126	2138	2140
60	0	0	4	28	147	427	816	1158	1329	1367	1370	1371
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	25	89	275	654	1223	1907	2549	3001	3228	3300	3317

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