

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 720 ft. Lat: 39.7633° N Lon: 84.1911° W
Station: DAYTON MCD, OH US USC00332067

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	36.3	20.1	28.2	4.7	5.2	4.9	0.8	0.3	0.1	0.0	0.0	0.0	831.4	892.9	985.6	1140.5	0.0	0.0	5.7	11.8	25.3	2.1
02	40.2	22.6	31.4	5.3	5.0	5.1	1.8	1.1	0.4	0.1	0.0	0.0	662.6	717.9	801.0	940.7	0.0	0.0	7.2	6.4	21.9	0.5
03	50.7	30.6	40.6	5.0	4.1	4.4	22.1	15.4	8.4	2.4	0.4	0.1	466.9	522.2	608.2	757.2	0.0	0.0	16.0	2.2	17.5	0.0
04	64.3	41.4	52.9	3.3	2.6	2.8	95.3	71.6	43.9	15.2	3.4	1.5	159.9	196.2	258.5	379.7	0.0	0.0	26.5	0.0	4.0	0.0
05	74.9	52.9	63.9	4.2	3.9	3.9	300.1	250.5	185.2	98.9	41.5	26.1	24.2	36.6	64.4	133.0	0.0	2.2	30.9	0.0	0.1	0.0
06	83.6	62.4	73.0	2.4	2.0	2.0	540.5	481.4	394.3	255.4	137.1	99.0	0.6	1.5	4.5	15.6	0.2	8.3	30.0	0.0	0.0	0.0
07	86.7	65.7	76.2	2.9	2.3	2.5	657.2	595.2	502.1	348.5	204.5	153.8	0.0	0.0	0.0	1.4	0.4	12.9	31.0	0.0	0.0	0.0
08	85.8	63.9	74.8	2.6	2.7	2.5	615.2	553.3	460.5	308.3	170.0	123.5	0.0	0.1	0.3	3.1	0.1	10.8	31.0	0.0	0.0	0.0
09	79.2	55.8	67.5	3.5	2.5	2.8	381.5	326.6	249.8	141.5	63.9	42.1	6.6	11.7	25.0	66.6	0.0	4.4	30.0	0.0	0.0	0.0
10	66.1	43.5	54.8	2.7	2.5	2.4	115.3	88.0	55.3	20.1	5.8	3.3	121.5	156.2	216.5	336.3	0.0	0.3	29.2	0.0	1.9	0.0
11	52.0	33.1	42.6	5.2	3.2	4.0	16.2	9.5	3.7	0.4	0.0	0.0	389.7	443.0	527.1	673.8	0.0	0.0	18.1	1.1	13.4	0.0
12	40.9	25.6	33.2	5.2	5.1	5.1	2.7	1.6	0.8	0.1	0.0	0.0	676.9	737.8	830.0	984.2	0.0	0.0	7.9	7.3	22.5	0.2
Summary	63.4	43.1	53.3	3.9	3.4	3.5	2749	2394	1904	1191	627	449	3340	3716	4321	5432	0.7	38.9	263.5	28.8	106.6	2.8

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	3.17	12.2	6.5	2.0	0.6	2.23	2.90	4.02	
02	2.35	10.1	5.3	1.4	0.3	1.35	1.96	2.81	
03	3.54	11.4	7.5	2.6	0.6	2.67	3.37	4.34	
04	4.45	13.0	8.3	3.1	0.9	3.27	4.21	5.18	
05	4.38	13.5	9.0	2.9	0.9	3.18	3.96	5.38	
06	4.41	12.1	8.1	3.1	1.1	3.64	4.37	5.51	
07	4.03	10.0	7.1	3.0	1.2	2.96	4.04	4.88	
08	3.12	8.3	5.6	2.1	0.9	1.98	2.88	3.91	
09	3.03	8.0	5.1	2.0	0.9	1.38	2.68	4.05	
10	3.00	9.3	5.3	2.0	0.7	1.55	2.81	4.46	
11	3.04	9.5	5.8	2.1	0.6	1.73	3.02	3.76	
12	3.13	11.0	6.3	1.9	0.7	2.40	2.94	4.01	
Summary	41.65	128.4	79.9	28.2	9.4	28.34	39.14	52.31	

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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	6.90	4.1	2.2	0.4	0.1	0.0	9.4	4.1	2.5	0.6	1.90	4.80	12.20
02	1.50	2.3	1.0	0.3	0.1	0.0	5.1	2.6	1.7	0.1	0.10	0.50	1.20
03	1.70	0.8	0.6	0.2	0.0	0.0	1.8	0.7	0.4	0.0	0.00	1.00	2.20
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.10	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	2.10	2.3	1.1	0.2	0.1	0.0	5.3	2.4	0.6	0.0	0.30	1.00	2.20
Summary	12.3	9.7	4.9	1.1	0.3	0.0	21.7	9.8	5.2	0.7	2.3	7.3	17.8

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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	29.4	37.5	151.7	402.6	740.9	989.8	1122.1	1080.1	824.8	463.9	164.6	50.7
45	12.4	16.1	88.7	278.4	586.9	839.8	967.1	925.2	675.1	323.8	90.8	22.2
50	4.1	5.8	47.7	174.4	437.7	689.9	812.1	770.2	526.4	204.9	43.0	8.4
55	0.8	1.8	22.1	95.3	300.1	540.5	657.2	615.2	381.5	115.3	16.2	2.7
60	0.1	0.4	8.4	43.9	185.2	394.3	502.1	460.5	249.8	55.3	3.7	0.8
Growing Degree Units for Corn (Monthly)												
50/86	16.3	24.4	95.4	243.2	459.2	660.9	764.4	732.8	526.6	275.8	93.6	25.3
Growing Degree Units (Accumulated Monthly)												
40	29	67	219	621	1362	2352	3474	4554	5379	5843	6007	6058
45	12	28	117	396	982	1822	2789	3715	4390	4714	4804	4827
50	4	10	58	232	670	1360	2172	2942	3468	3673	3716	3725
55	1	3	25	120	420	961	1618	2233	2614	2730	2746	2749
60	0	0	9	53	238	632	1134	1595	1845	1900	1904	1904
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	41	136	379	838	1499	2264	2997	3523	3799	3893	3918

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