

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 675 ft. Lat: 41.3831° N Lon: 83.6111° W
Station: **BOWLING GREEN WWTP, OH US USC00330862**

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	32.6	19.2	25.9	4.5	5.7	5.0	0.2	0.1	0.0	0.0	0.0	0.0	902.2	964.0	1056.8	1211.9	0.0	0.0	2.6	16.1	27.5	3.1
02	35.7	21.0	28.4	5.7	5.7	5.6	0.6	0.4	0.1	0.0	0.0	0.0	746.8	802.4	886.1	1026.1	0.0	0.0	3.4	11.3	25.3	1.8
03	46.0	28.6	37.3	5.1	4.0	4.5	8.6	6.0	3.4	1.0	0.1	0.0	557.3	616.6	707.1	859.6	0.0	0.0	11.1	3.9	21.8	0.2
04	59.5	38.5	49.0	3.2	2.6	2.7	48.3	34.3	19.8	6.1	1.3	0.5	228.3	274.3	349.8	486.1	0.0	0.0	24.0	0.1	8.2	0.0
05	71.2	50.3	60.8	3.9	3.5	3.6	219.2	177.2	123.3	58.9	22.8	13.9	41.0	61.0	100.1	190.7	0.0	0.7	30.5	0.0	0.2	0.0
06	80.7	60.8	70.7	2.6	2.0	2.1	473.5	414.7	328.8	196.7	94.6	65.1	1.1	2.4	6.5	24.3	0.0	4.3	30.0	0.0	0.0	0.0
07	84.2	63.8	74.0	3.1	2.6	2.7	588.9	526.9	433.9	280.9	146.7	104.3	0.0	0.0	0.0	2.0	0.2	6.2	31.0	0.0	0.0	0.0
08	82.1	61.8	72.0	2.5	2.5	2.4	525.4	463.5	371.0	223.2	102.3	67.1	0.0	0.1	0.7	7.8	0.0	3.4	31.0	0.0	0.0	0.0
09	76.3	54.3	65.3	2.8	2.7	2.5	319.3	266.6	194.0	96.7	36.5	22.5	10.4	17.7	35.2	87.8	0.0	1.7	30.0	0.0	0.1	0.0
10	63.5	43.6	53.6	2.6	2.7	2.5	93.2	69.3	41.8	14.5	3.8	1.8	138.1	176.3	241.8	369.4	0.0	0.1	28.3	0.0	2.6	0.0
11	49.5	33.4	41.4	5.0	3.3	4.0	10.7	6.2	2.4	0.2	0.0	0.0	417.1	472.7	558.8	706.7	0.0	0.0	14.5	1.5	15.8	0.0
12	37.8	25.1	31.4	4.9	4.7	4.7	1.3	0.7	0.2	0.0	0.0	0.0	731.3	792.6	885.1	1039.9	0.0	0.0	4.2	9.6	25.1	0.6
Summary	59.9	41.7	50.8	3.8	3.5	3.5	2289	1966	1519	878	408	275	3774	4180	4828	6012	0.2	16.4	240.6	42.5	126.6	5.7

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	2.26	8.1	5.5	1.4	0.4	1.26	1.97	3.09	
02	2.01	7.1	4.9	1.3	0.3	1.35	1.80	2.58	
03	2.21	7.6	5.5	1.5	0.3	1.32	2.27	2.87	
04	3.40	9.8	7.6	2.4	0.7	2.64	3.47	4.26	
05	3.99	10.3	8.5	2.6	0.9	2.58	4.00	5.41	
06	3.60	9.4	6.8	2.4	0.7	2.38	3.11	5.13	
07	3.53	8.1	6.8	2.5	0.8	2.29	3.02	4.50	
08	3.79	7.3	5.7	2.6	1.1	2.76	3.38	4.88	
09	2.91	7.3	5.6	1.7	0.8	1.67	2.93	4.12	
10	2.83	8.3	5.9	1.6	0.6	1.76	2.46	3.62	
11	2.37	7.4	5.4	1.4	0.4	1.38	2.26	2.88	
12	2.26	7.7	5.6	1.3	0.2	1.64	2.23	2.92	
Summary	35.16	98.4	73.8	22.7	7.2	23.03	32.90	46.26	

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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	6.30	4.1	2.8	0.7	0.3	0.0	14.2	7.5	4.6	0.5	1.90	4.80	9.20
02	6.10	3.6	2.1	0.5	0.2	0.0	10.2	4.8	2.7	0.7	1.00	3.50	10.10
03	2.60	1.6	1.2	0.4	0.0	0.0	4.2	1.9	1.1	0.0	0.00	0.50	3.90
04	0.50	0.3	0.2	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.10
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	0.50	0.5	0.3	0.0	0.0	0.0	1.2	0.1	0.0	0.0	0.00	0.00	0.50
12	5.30	2.4	1.6	0.5	0.2	0.0	7.2	3.2	1.4	0.0	2.60	4.00	8.90
Summary	21.3	12.5	8.2	2.1	0.7	0.0	37.3	17.6	9.8	1.2	5.5	12.8	32.7

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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	15.2	19.7	93.3	294.5	643.3	922.3	1053.9	990.3	758.8	424.0	139.3	31.9
45	5.2	7.2	47.8	182.9	490.0	772.3	898.9	835.3	609.0	285.1	71.5	12.5
50	1.4	2.5	21.8	100.1	344.1	622.3	743.9	680.3	461.3	173.9	31.6	4.3
55	0.2	0.6	8.6	48.3	219.2	473.5	588.9	525.4	319.3	93.2	10.7	1.3
60	0.0	0.1	3.4	19.8	123.3	328.8	433.9	371.0	194.0	41.8	2.4	0.2
Growing Degree Units for Corn (Monthly)												
50/86	6.7	10.6	55.1	171.6	381.8	609.5	719.4	667.4	475.6	234.8	68.7	12.7

Growing Degree Units (Accumulated Monthly)												
40	15	35	128	423	1066	1988	3042	4032	4791	5215	5355	5386
45	5	12	60	243	733	1505	2404	3240	3849	4134	4205	4218
50	1	4	26	126	470	1092	1836	2516	2978	3152	3183	3188
55	0	1	9	58	277	750	1339	1865	2184	2277	2288	2289
60	0	0	4	23	147	475	909	1280	1474	1516	1518	1519
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	17	72	244	626	1235	1955	2622	3098	3332	3401	3414

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