

Summary of Monthly Normals
1981-2010

Generated on 06/04/2024

Current Location: Elev: 528 ft. Lat: 36.9647° N Lon: 86.4238° W
Station: **BOWLING GREEN WARREN CO AIRPORT, KY US USW00093808**

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	45.0	26.4	35.7	5.0	4.6	4.6	6	4	1	-7777	-7777	0	604	664	754	908	0.0	0.0	10.6	4.5	21.6	0.5
02	50.0	29.6	39.8	3.8	3.4	3.4	9	6	3	-7777	0	0	435	487	568	706	0.0	0.0	14.1	1.8	17.4	0.1
03	59.8	37.0	48.4	3.7	2.8	3.1	48	34	19	5	1	-7777	253	301	379	520	0.0	0.0	24.4	0.2	10.3	0.0
04	69.7	45.6	57.7	3.4	3.0	3.1	157	123	80	31	7	3	77	103	151	251	0.0	0.1	29.0	0.0	2.3	0.0
05	77.8	55.0	66.4	3.3	3.7	3.2	359	303	225	117	44	25	6	11	27	74	0.0	0.6	31.0	0.0	0.0	0.0
06	86.1	63.9	75.0	2.3	2.4	2.0	600	540	451	305	171	124	-7777	-7777	1	5	0.1	8.3	30.0	0.0	0.0	0.0
07	89.4	67.9	78.7	2.4	1.8	1.8	733	671	578	423	270	210	0	0	0	-7777	0.7	14.9	31.0	0.0	0.0	0.0
08	88.9	66.1	77.5	3.5	2.5	2.9	697	635	542	388	239	183	0	-7777	-7777	1	0.8	13.6	31.0	0.0	0.0	0.0
09	82.1	58.0	70.1	3.4	2.6	2.7	454	396	313	186	88	59	2	5	12	35	0.2	4.2	30.0	0.0	0.0	0.0
10	71.2	46.3	58.8	3.0	3.6	2.9	174	135	87	33	8	4	58	81	126	227	0.0	0.2	30.7	0.0	2.0	0.0
11	59.4	37.5	48.4	3.8	3.0	3.0	45	31	15	3	-7777	-7777	241	287	362	500	0.0	0.0	23.0	0.0	9.6	0.0
12	47.9	29.2	38.6	5.4	4.6	4.9	10	7	3	1	-7777	0	520	579	668	821	0.0	0.0	13.4	2.4	19.2	0.3
Summary	68.9	46.9	57.9	3.6	3.2	3.1	3292	2885	2317	1492	828	608	2196	2518	3048	4048	1.8	41.9	298.2	8.9	82.4	0.9

-7777: a non-zero value that would round to zero
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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	3.61	10.4	6.4	2.5	0.9	2.27	3.58	4.76	
02	3.96	10.5	6.4	2.8	1.3	2.74	3.37	4.74	
03	4.41	11.4	6.8	2.6	1.1	2.76	3.65	6.03	
04	4.34	11.7	7.9	3.0	0.9	2.61	4.26	5.67	
05	5.61	11.8	8.3	3.5	1.6	3.76	4.82	5.93	
06	4.20	10.6	6.9	2.7	1.3	2.66	3.61	5.98	
07	4.10	10.0	6.6	2.9	1.1	2.76	3.82	5.33	
08	3.33	7.9	5.1	2.3	1.1	1.78	2.86	4.95	
09	3.93	7.9	5.5	2.4	1.1	2.07	3.92	5.17	
10	3.38	8.5	5.3	2.3	0.9	2.11	2.92	4.56	
11	4.22	9.9	6.9	3.0	1.1	3.18	3.90	5.17	
12	4.80	11.5	7.6	3.1	1.4	3.20	4.80	6.12	
Summary	49.89	122.1	79.7	33.1	13.8	31.90	45.51	64.41	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	3.3	2.1	1.2	0.5	0.1	0.0	3.3	1.9	0.5	0.2	0.4	1.7	5.2
02	3.3	2.2	0.9	0.4	0.1	-7777	2.2	1.1	0.8	0.2	0.4	2.1	4.3
03	1.1	0.7	0.4	0.1	-7777	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.0
04	0.2	0.1	0.1	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	1.2	1.4	0.5	0.1	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.2	2.1
Summary	9.1	6.5	3.1	1.1	0.2	0.0	7.2	3.0	1.3	0.4	0.8	4.0	12.6

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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	80	111	291	532	818	1050	1198	1162	901	582	281	111
45	39	57	183	390	663	900	1043	1007	751	432	177	58
50	18	26	101	262	509	750	888	852	602	292	96	27
55	6	9	48	157	359	600	733	697	454	174	45	10
60	1	3	19	80	225	451	578	542	313	87	15	3
Growing Degree Units for Corn (Monthly)												
50/86	47	71	181	328	526	714	823	788	592	364	169	63

Growing Degree Units (Accumulated Monthly)												
40	80	191	482	1014	1832	2882	4080	5242	6143	6725	7006	7117
45	39	96	279	669	1332	2232	3275	4282	5033	5465	5642	5700
50	18	44	145	407	916	1666	2554	3406	4008	4300	4396	4423
55	6	15	63	220	579	1179	1912	2609	3063	3237	3282	3292
60	1	4	23	103	328	779	1357	1899	2212	2299	2314	2317
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	47	118	299	627	1153	1867	2690	3478	4070	4434	4603	4666

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