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

Summary of Monthly Normals 1991-2020

Generated on 11/11/2026

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

Current Location: Elev: 523 ft. Lat: 36.9647° N Lon: 86.4239° W

Station: **BOWLING GREEN WARREN CO AP, KY US USW00093808**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	46.2	28.3	37.2	4.4	4.5	4.3	9.1	5.6	2.3	0.1	0.0	0.0	559.1	617.7	707.4	860.2	0.0	0.0	11.7	4.8	21.3	0.3
02	51.0	31.1	41.1	4.6	4.1	4.2	13.0	8.2	3.8	0.8	0.0	0.0	403.5	454.8	534.4	671.3	0.0	0.0	14.8	2.0	17.1	0.2
03	60.1	38.3	49.2	4.7	3.8	4.1	56.5	41.0	23.7	7.0	0.9	0.2	236.3	282.8	358.5	496.7	0.0	0.0	24.6	0.4	9.9	0.0
04	70.7	47.3	59.0	3.2	3.0	3.0	183.2	145.1	96.4	39.7	10.8	5.2	63.2	85.1	126.4	219.7	0.0	0.0	29.1	0.0	2.0	0.0
05	78.7	57.2	68.0	3.0	3.5	3.1	405.6	347.9	266.2	150.1	64.7	40.0	4.2	8.5	19.8	58.6	0.0	1.0	31.0	0.0	0.0	0.0
06	86.6	65.6	76.1	2.1	2.0	1.8	632.9	573.0	483.3	335.8	197.4	147.2	0.0	0.0	0.3	2.9	0.1	9.3	30.0	0.0	0.0	0.0
07	89.7	69.7	79.7	2.6	2.3	2.2	765.6	703.6	610.6	455.7	301.7	241.8	0.0	0.0	0.0	0.1	0.5	16.3	31.0	0.0	0.0	0.0
08	89.3	67.7	78.5	3.2	2.5	2.6	728.4	666.4	573.4	418.8	267.4	209.6	0.0	0.0	0.0	0.4	0.5	14.7	31.0	0.0	0.0	0.0
09	83.0	59.9	71.4	3.6	2.7	2.8	494.3	435.4	349.4	217.0	110.2	76.8	0.9	2.0	5.9	23.6	0.1	5.8	30.0	0.0	0.0	0.0
10	72.0	48.0	60.0	2.9	2.7	2.4	202.8	160.6	108.2	46.2	14.1	8.0	47.8	67.7	108.2	201.2	0.0	0.3	30.7	0.0	1.6	0.0
11	59.2	37.6	48.4	4.3	3.3	3.6	43.2	29.7	15.8	3.9	0.3	0.0	241.1	287.7	363.7	501.9	0.0	0.0	23.8	0.1	11.1	0.0
12	49.4	31.6	40.5	4.5	3.8	4.1	13.0	8.4	3.8	0.5	0.0	0.0	462.4	519.8	608.2	759.9	0.0	0.0	14.5	2.4	18.4	0.0
Summary	69.7	48.5	59.1	3.6	3.2	3.2	3548	3125	2537	1676	968	729	2018	2326	2833	3796	1.2	47.4	302.2	9.7	81.4	0.5

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Station: **BOWLING GREEN WARREN CO AP, KY US USW00093808**

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	3.64	11.3	6.8	2.4	0.9	2.42	3.77	4.62
02	4.07	10.7	6.5	3.0	1.3	2.54	3.37	5.26
03	4.54	11.9	7.0	3.0	1.1	3.07	3.84	5.09
04	4.81	11.7	8.1	3.4	1.1	3.31	4.70	5.68
05	5.03	11.8	7.9	3.1	1.3	3.33	4.71	5.73
06	4.51	11.1	7.2	2.8	1.2	2.52	3.77	6.18
07	4.26	11.1	7.4	2.9	1.2	2.67	3.66	5.34
08	3.89	8.8	5.7	2.8	1.4	1.62	3.63	5.53
09	3.64	8.1	5.6	2.3	0.9	1.66	3.42	5.48
10	3.63	8.8	5.8	2.6	1.0	2.12	3.57	5.01
11	3.73	9.5	6.0	2.5	1.0	2.12	3.52	5.06
12	4.35	11.5	7.6	2.9	1.1	3.11	4.82	5.37
Summary	50.10	126.3	81.6	33.7	13.5	30.49	46.78	64.35

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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	3.20	2.6	1.0	0.2	0.1	0.0	2.4	1.2	0.6	0.3	0.40	1.90	3.40
02	2.90	2.2	1.0	0.2	0.1	0.0	1.9	0.6	0.3	0.0	0.00	1.70	4.90
03	1.40	1.0	0.5	0.2	0.0	0.0	0.5	0.3	0.1	0.0	0.00	0.00	2.30
04	0.10	0.1	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	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	0.80	0.9	0.3	0.1	0.0	0.0	0.8	0.1	0.0	0.0	0.00	0.00	1.00
Summary	8.5	7.0	2.9	0.7	0.2	0.0	5.7	2.2	1.0	0.3	0.4	3.6	11.6

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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	97.7	131.2	313.0	571.8	866.4	1082.8	1230.5	1193.2	943.3	620.9	280.7	130.9
45	49.6	70.0	199.4	428.3	711.4	932.9	1075.6	1038.4	793.4	469.9	173.2	69.0
50	23.1	33.8	113.5	295.3	556.8	782.8	920.6	883.3	643.4	327.3	93.2	32.2
55	9.1	13.0	56.5	183.2	405.6	632.9	765.6	728.4	494.3	202.8	43.2	13.0
60	2.3	3.8	23.7	96.4	266.2	483.3	610.6	573.4	349.4	108.2	15.8	3.8
Growing Degree Units for Corn (Monthly)												
50/86	54.8	81.1	188.4	354.7	564.4	743.3	851.9	817.2	623.9	385.4	167.2	70.6

Growing Degree Units (Accumulated Monthly)

40	98	229	542	1114	1980	3063	4293	5487	6430	7051	7331	7462
45	50	120	319	747	1459	2392	3467	4506	5299	5769	5942	6011
50	23	57	170	466	1022	1805	2726	3609	4253	4580	4673	4705
55	9	22	79	262	667	1300	2066	2794	3289	3491	3535	3548
60	2	6	30	126	392	876	1486	2060	2409	2517	2533	2537
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	55	136	324	679	1243	1987	2839	3656	4280	4665	4832	4903

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

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