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

Summary of Monthly Normals
1991-2020

Generated on 11/17/2026

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

Current Location: Elev: 980 ft. Lat: 38.0408° N Lon: 84.6058° W
Station: **LEXINGTON BLUEGRASS AP, KY US USW00093820**

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	42.3	25.4	33.9	4.5	4.8	4.5	4.6	2.4	0.7	0.0	0.0	0.0	660.1	719.8	811.2	965.5	0.0	0.0	8.9	7.6	22.7	0.6
02	46.8	28.3	37.5	5.2	4.6	4.9	7.5	4.8	2.2	0.4	0.0	0.0	496.1	549.4	630.7	768.9	0.0	0.0	11.6	4.7	19.2	0.2
03	56.1	35.8	45.9	4.4	3.8	4.0	40.0	28.5	15.4	3.5	0.3	0.0	320.5	371.0	450.9	594.0	0.0	0.0	20.6	0.9	13.1	0.0
04	67.2	45.2	56.2	3.2	3.1	3.0	138.1	106.6	67.0	23.2	4.2	1.5	102.1	130.6	181.0	287.2	0.0	0.0	28.3	0.0	2.9	0.0
05	75.8	55.0	65.4	3.4	3.5	3.3	335.3	281.5	207.8	108.5	39.9	21.8	12.9	21.1	40.4	96.1	0.0	0.3	31.0	0.0	0.1	0.0
06	83.8	62.8	73.3	2.3	1.9	1.9	549.0	489.1	400.0	257.0	130.8	89.1	0.0	0.1	1.1	8.0	0.1	4.1	30.0	0.0	0.0	0.0
07	86.9	66.5	76.7	2.8	1.9	2.2	672.6	610.6	517.6	362.9	212.4	157.4	0.0	0.0	0.0	0.2	0.2	9.1	31.0	0.0	0.0	0.0
08	86.2	65.2	75.7	2.9	2.4	2.4	641.6	579.6	486.7	332.8	186.9	135.9	0.0	0.0	0.1	1.2	0.1	7.7	31.0	0.0	0.0	0.0
09	80.2	58.1	69.1	3.9	2.8	3.1	427.8	370.8	288.0	166.2	75.2	49.4	3.4	6.4	13.6	41.8	0.0	3.7	30.0	0.0	0.0	0.0
10	68.6	47.0	57.8	2.9	2.3	2.3	161.3	126.4	82.8	32.6	9.5	5.5	74.6	101.7	151.1	255.8	0.0	0.2	29.8	0.0	1.6	0.0
11	55.8	36.4	46.1	4.4	3.3	3.7	30.5	19.8	9.4	1.8	0.1	0.0	297.4	346.8	426.3	568.7	0.0	0.0	20.7	0.3	11.0	0.0
12	45.9	29.6	37.8	4.8	4.4	4.5	6.9	3.8	1.3	0.2	0.0	0.0	541.6	600.5	691.0	844.8	0.0	0.0	11.3	4.4	19.3	0.0
Summary	66.3	46.3	56.3	3.7	3.2	3.3	3015	2624	2079	1289	659	461	2509	2847	3397	4432	0.4	25.1	284.2	17.9	89.9	0.8

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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	3.42	12.6	6.7	2.3	0.7	2.39	3.57	4.40
02	3.64	11.6	6.9	2.4	0.9	2.24	3.24	4.67
03	4.48	12.8	8.0	3.0	1.1	3.28	3.85	5.23
04	4.42	12.8	7.9	3.1	0.9	2.86	4.23	4.91
05	5.44	12.6	8.6	3.7	1.4	3.78	5.28	6.48
06	4.96	11.7	7.8	3.5	1.1	3.00	4.82	5.74
07	5.12	10.7	7.7	3.5	1.7	3.36	4.95	6.31
08	3.71	9.6	6.6	2.4	0.7	2.37	3.61	4.68
09	3.42	7.7	5.1	2.2	1.1	1.47	2.88	4.89
10	3.66	9.2	5.5	2.5	0.9	1.66	3.55	5.77
11	3.37	10.3	6.1	2.5	0.7	1.98	2.82	4.71
12	4.20	12.6	7.6	3.1	0.9	2.76	3.81	5.88
Summary	49.84	134.2	84.5	34.2	12.1	31.15	46.61	63.67

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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	4.70	4.5	1.3	0.5	0.1	0.0	4.1	1.7	0.6	0.2	1.20	3.10	6.30
02	4.50	3.8	1.2	0.4	0.1	0.1	4.0	1.5	0.6	0.2	0.80	3.20	5.70
03	2.80	1.7	0.7	0.3	0.2	0.0	1.5	0.5	0.2	0.1	0.00	0.60	4.40
04	0.20	0.2	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	0.40	0.7	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.40
12	1.90	2.5	0.6	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.10	0.60	2.70
Summary	14.5	13.4	4.0	1.2	0.4	0.1	11.9	4.1	1.4	0.5	2.1	7.5	19.5

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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	68.4	94.1	243.8	491.6	787.4	998.8	1137.5	1106.5	874.3	553.8	233.7	98.6
45	32.3	48.3	149.4	355.1	632.8	848.9	982.6	951.6	724.4	406.3	138.3	49.0
50	14.0	21.4	81.7	234.7	479.9	698.9	827.6	796.6	574.9	271.6	71.4	20.4
55	4.6	7.5	40.0	138.1	335.3	549.0	672.6	641.6	427.8	161.3	30.5	6.9
60	0.7	2.2	15.4	67.0	207.8	400.0	517.6	486.7	288.0	82.8	9.4	1.3
Growing Degree Units for Corn (Monthly)												
50/86	34.9	55.1	141.7	294.1	499.2	678.9	787.6	760.8	568.9	328.3	127.2	47.6

Growing Degree Units (Accumulated Monthly)

40	68	162	406	898	1685	2684	3822	4928	5802	6356	6590	6689
45	32	81	230	585	1218	2067	3049	4001	4725	5132	5270	5319
50	14	35	117	352	832	1531	2358	3155	3730	4001	4073	4093
55	5	12	52	190	526	1074	1747	2389	2816	2978	3008	3015
60	1	3	18	85	293	693	1211	1697	1985	2068	2078	2079
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	35	90	232	526	1025	1704	2492	3252	3821	4150	4277	4324

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

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