

Summary of Monthly Normals
1981-2010

Generated on 05/23/2024

Current Location: Elev: 1130 ft. Lat: 36.6086° N Lon: 83.7144° W
Station: MIDDLESBORO FIRE DEPARTMENT, KY US USC00155389

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	45.1	25.0	35.1	4.3	4.5	4.3	3	1	1	-7777	0	0	621	682	774	928	0.0	0.0	10.6	3.1	22.8	1.3
02	49.7	27.3	38.5	4.3	3.6	3.6	5	2	1	0	0	0	466	520	603	742	0.0	0.0	14.7	2.1	19.1	0.4
03	59.2	33.2	46.2	3.8	2.9	3.2	28	19	11	2	-7777	0	301	354	438	585	0.0	0.0	24.0	0.2	16.2	0.0
04	69.2	41.5	55.3	3.5	2.8	2.9	113	83	48	14	1	-7777	103	132	188	303	0.0	0.0	28.7	0.0	4.8	0.0
05	77.4	50.0	63.7	3.5	4.2	3.6	286	234	162	70	18	8	16	26	48	111	0.0	0.6	31.0	0.0	0.3	0.0
06	84.6	59.4	72.0	2.4	2.3	1.9	511	452	364	223	101	64	1	2	5	13	0.0	4.1	30.0	0.0	0.0	0.0
07	87.4	63.3	75.3	2.5	1.7	1.8	631	569	476	321	172	118	0	0	0	-7777	0.0	10.2	31.0	0.0	0.0	0.0
08	86.0	62.7	74.4	3.1	2.1	2.3	600	538	445	291	146	98	0	0	-7777	1	0.5	7.1	31.0	0.0	0.0	0.0
09	80.4	55.2	67.8	3.6	2.1	2.3	389	333	253	135	52	30	6	9	19	51	0.0	2.5	30.0	0.0	0.0	0.0
10	69.8	43.1	56.4	3.2	3.8	3.2	133	100	60	20	4	2	88	116	170	285	0.0	0.2	30.4	0.0	5.0	0.0
11	59.4	34.7	47.1	3.9	3.3	3.1	28	17	7	1	-7777	0	266	316	396	540	0.0	0.0	24.5	0.0	13.5	0.0
12	47.7	27.5	37.6	5.2	4.2	4.5	7	4	2	-7777	0	0	546	606	696	850	0.0	0.0	14.0	3.0	20.4	1.0
Summary	68.0	43.6	55.8	3.6	3.1	3.1	2734	2352	1830	1077	494	320	2414	2763	3337	4409	0.5	24.7	299.9	8.4	102.1	2.7

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	4.18							
02	4.03							
03	4.39							
04	4.28							
05	4.58							
06	4.28							
07	4.89							
08	4.74							
09	3.45							
10	2.73							
11	3.80							
12	4.54							
Summary	49.89	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	61	90	237	467	735	959	1096	1064	834	512	242	101
45	27	41	140	331	580	810	941	909	684	364	141	51
50	10	15	70	210	428	660	786	755	535	235	68	21
55	3	5	28	113	286	511	631	600	389	133	28	7
60	1	1	11	48	162	364	476	445	253	60	7	2
Growing Degree Units for Corn (Monthly)												
50/86	35	66	170	304	476	643	744	722	542	332	162	56

Growing Degree Units (Accumulated Monthly)												
40	61	151	388	855	1590	2549	3645	4709	5543	6055	6297	6398
45	27	68	208	539	1119	1929	2870	3779	4463	4827	4968	5019
50	10	25	95	305	733	1393	2179	2934	3469	3704	3772	3793
55	3	8	36	149	435	946	1577	2177	2566	2699	2727	2734
60	1	2	13	61	223	587	1063	1508	1761	1821	1828	1830
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	35	101	271	575	1051	1694	2438	3160	3702	4034	4196	4252

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