

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 525 ft. Lat: 36.2292° N Lon: 86.3181° W

Station: **LEBANON, TN US USC00405108**

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	47.4	27.8	37.6	4.3	4.5	4.2	9.6	5.8	2.1	0.2	0.0	0.0	548.8	607.1	696.4	849.4	0.0	0.0	13.7	3.7	21.7	0.3
02	51.7	30.2	41.0	4.6	3.9	4.1	11.4	6.8	2.9	0.4	0.0	0.0	404.7	456.0	536.2	673.8	0.0	0.0	16.3	1.8	18.5	0.1
03	60.7	37.7	49.2	4.4	3.9	4.0	57.0	40.3	23.0	7.2	1.1	0.3	236.8	282.1	357.8	497.0	0.0	0.0	25.0	0.3	12.0	0.0
04	70.8	46.4	58.6	3.0	2.9	2.8	178.1	141.6	95.4	39.9	10.5	4.9	70.1	93.7	137.4	231.9	0.0	0.1	29.2	0.0	3.1	0.0
05	79.2	56.1	67.6	2.9	3.4	3.0	398.6	342.1	262.2	149.2	64.1	39.1	6.4	12.0	25.1	67.1	0.0	1.6	31.0	0.0	0.1	0.0
06	86.9	65.0	75.9	2.5	2.3	2.0	628.4	568.5	478.8	331.9	195.6	146.3	0.0	0.1	0.4	3.5	0.1	10.7	30.0	0.0	0.0	0.0
07	90.2	69.2	79.7	2.2	2.1	1.9	765.6	703.6	610.6	455.6	301.7	241.8	0.0	0.0	0.0	0.0	0.6	18.4	31.0	0.0	0.0	0.0
08	89.6	66.9	78.2	3.0	2.7	2.6	720.6	658.6	565.7	411.1	259.1	201.6	0.0	0.0	0.0	0.4	0.9	17.4	31.0	0.0	0.0	0.0
09	83.6	59.6	71.6	3.4	2.4	2.4	499.1	440.6	354.9	223.1	113.7	78.8	1.3	2.7	7.0	25.2	0.2	7.1	30.0	0.0	0.0	0.0
10	72.9	46.5	59.7	2.8	2.5	2.2	200.7	160.2	108.7	46.5	14.8	8.4	54.9	76.5	118.0	210.8	0.0	0.5	30.7	0.0	3.0	0.0
11	60.5	36.8	48.7	4.5	3.3	3.6	47.8	33.6	17.6	4.8	0.7	0.2	238.2	284.0	358.1	495.2	0.0	0.0	24.4	0.1	13.0	0.0
12	50.7	31.1	40.9	4.3	3.9	4.0	12.2	7.7	3.4	0.6	0.0	0.0	449.2	506.7	595.4	747.6	0.0	0.0	16.2	1.7	19.7	0.0
Summary	70.4	47.8	59.1	3.5	3.1	3.1	3529	3109	2525	1670	961	721	2010	2321	2832	3802	1.8	55.8	308.5	7.6	91.1	0.4

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	4.67	10.7	7.4	3.2	1.5	3.53	4.67	5.59	
02	4.91	9.9	7.6	3.7	1.5	2.76	3.91	6.26	
03	4.97	11.1	8.2	3.6	1.4	3.19	4.70	5.64	
04	4.93	10.0	7.3	3.2	1.7	3.33	4.83	6.48	
05	5.61	10.7	8.0	3.6	1.7	4.23	4.99	6.73	
06	4.50	10.2	7.5	3.1	1.4	2.62	4.09	5.89	
07	4.84	10.0	7.6	3.5	1.4	3.15	4.43	6.06	
08	3.91	8.1	5.9	2.9	1.2	1.98	3.57	5.06	
09	3.85	7.3	5.1	2.5	1.1	2.04	3.50	5.11	
10	3.39	8.3	5.3	2.3	1.0	2.23	3.02	4.39	
11	3.71	8.9	6.0	2.8	1.2	2.27	3.60	5.07	
12	5.16	11.4	8.1	3.6	1.4	3.89	4.65	6.70	
Summary	54.45	116.6	84.0	38.0	16.5	35.22	49.96	68.98	

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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	104.4	131.3	318.0	560.3	857.1	1078.3	1230.5	1185.6	947.8	612.1	288.1	138.0
45	53.8	69.8	204.9	418.6	702.2	928.3	1075.5	1030.6	797.8	462.4	180.4	72.7
50	25.0	31.7	117.4	287.8	547.8	778.4	920.6	875.6	648.0	322.3	99.4	33.5
55	9.6	11.4	57.0	178.1	398.6	628.4	765.6	720.6	499.1	200.7	47.8	12.2
60	2.1	2.9	23.0	95.4	262.2	478.8	610.6	565.7	354.9	108.7	17.6	3.4
Growing Degree Units for Corn (Monthly)												
50/86	62.4	87.4	198.2	354.7	559.8	736.3	846.2	806.4	629.1	396.0	184.6	80.4
Growing Degree Units (Accumulated Monthly)												
40	104	236	554	1114	1971	3049	4280	5466	6413	7025	7314	7452
45	54	124	328	747	1449	2378	3453	4484	5282	5744	5924	5997
50	25	57	174	462	1010	1788	2709	3584	4232	4555	4654	4687
55	10	21	78	256	655	1283	2049	2769	3268	3469	3517	3529
60	2	5	28	123	386	864	1475	2041	2396	2504	2522	2525
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	62	150	348	703	1262	1999	2845	3651	4280	4676	4861	4942

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