

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 810 ft. Lat: 35.2983° N Lon: 86.3631° W
Station: LYNCHBURG, TN US USC00405525

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	48.5	27.0	37.8	4.1	4.8	4.3	7.4	3.9	1.3	0.2	0.0	0.0	542.0	600.6	690.9	844.8	0.0	0.0	16.3	3.4	22.1	0.2
02	52.9	29.0	40.9	4.4	4.3	4.1	10.2	6.5	3.1	0.5	0.0	0.0	403.5	455.8	536.4	673.8	0.0	0.0	17.4	1.1	18.9	0.0
03	61.8	35.8	48.8	4.3	3.6	3.8	47.0	31.4	15.9	3.4	0.2	0.0	239.2	285.6	363.1	505.7	0.0	0.0	26.1	0.2	12.6	0.0
04	71.3	43.2	57.2	3.3	3.0	3.0	145.8	111.5	68.8	22.1	2.9	0.8	78.3	103.9	151.2	254.5	0.0	0.1	29.2	0.0	3.7	0.0
05	79.4	53.1	66.3	2.6	3.1	2.6	359.3	304.1	226.5	114.8	36.1	16.9	10.6	17.4	32.8	76.1	0.0	1.9	31.0	0.0	0.0	0.0
06	86.1	62.3	74.2	2.9	1.9	2.1	575.9	515.9	426.3	279.2	144.9	99.0	0.0	0.0	0.4	3.3	0.1	10.1	30.0	0.0	0.0	0.0
07	89.3	66.0	77.7	2.2	1.9	1.8	702.1	640.1	547.1	392.2	240.3	182.3	0.0	0.0	0.0	0.1	0.4	16.3	31.0	0.0	0.0	0.0
08	88.6	64.3	76.4	2.9	2.4	2.4	664.9	602.9	509.9	355.5	205.8	150.8	0.0	0.0	0.0	0.6	0.3	14.8	31.0	0.0	0.0	0.0
09	83.2	57.5	70.4	3.0	2.7	2.3	462.3	404.0	318.9	189.0	83.5	51.8	1.9	3.6	8.6	28.6	0.0	6.3	30.0	0.0	0.0	0.0
10	73.3	44.6	58.9	2.5	3.2	2.3	182.6	142.9	91.9	32.7	8.2	4.4	60.2	82.4	124.4	220.2	0.0	0.4	30.6	0.0	3.6	0.0
11	61.1	34.5	47.8	4.5	3.5	3.6	35.1	23.9	12.7	2.4	0.1	0.0	251.0	299.8	378.6	518.3	0.0	0.0	26.1	0.0	14.8	0.0
12	51.5	29.3	40.4	4.4	3.8	3.9	11.2	7.1	3.2	0.4	0.0	0.0	463.7	521.6	610.7	762.9	0.0	0.0	17.6	1.2	20.9	0.0
Summary	70.6	45.5	58.1	3.4	3.2	3.0	3204	2794	2226	1392	722	506	2050	2371	2897	3889	0.8	49.9	316.3	5.9	96.6	0.2

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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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	5.45	10.9	7.4	3.4	1.5	4.18	4.89	6.99	
02	5.21	11.7	8.0	4.2	1.5	2.47	3.62	7.48	
03	6.14	12.0	9.1	3.6	1.4	4.19	6.16	7.66	
04	5.59	11.0	8.0	3.9	2.1	4.17	5.26	7.04	
05	5.25	12.3	8.3	3.7	1.2	3.83	4.89	6.21	
06	5.55	11.1	7.7	4.0	1.8	3.69	5.44	7.15	
07	4.74	11.6	8.2	3.5	1.4	2.77	4.62	6.43	
08	4.63	10.0	6.8	3.1	1.5	2.97	4.82	6.16	
09	4.61	7.8	5.7	2.9	1.8	2.84	4.39	6.48	
10	3.55	9.0	5.7	2.5	1.2	1.81	3.06	5.05	
11	4.77	9.9	6.8	3.0	1.4	3.59	4.65	5.82	
12	6.76	12.1	8.4	4.8	2.3	4.45	6.82	7.77	
Summary	62.25	129.4	90.1	42.6	19.1	40.96	58.62	80.24	

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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	0.30	0.4	0.2	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.20
02	0.60	0.5	0.4	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.30
03	0.50	0.3	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.30
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.10	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.5	1.4	0.9	0.3	0.0	0.0	1.5	0.3	0.0	0.0	0.0	0.0	0.8

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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	106.7	125.6	303.1	520.4	813.7	1025.8	1166.9	1129.7	910.2	588.7	264.7	130.7
45	54.4	65.8	190.1	379.4	658.9	875.8	1012.0	974.8	760.3	440.5	158.5	70.1
50	23.6	29.2	103.7	251.2	506.0	725.8	857.0	819.8	610.5	302.0	80.7	31.3
55	7.4	10.2	47.0	145.8	359.3	575.9	702.1	664.9	462.3	182.6	35.1	11.2
60	1.3	3.1	15.9	68.8	226.5	426.3	547.1	509.9	318.9	91.9	12.7	3.2
Growing Degree Units for Corn (Monthly)												
50/86	67.4	92.1	204.1	341.6	530.5	693.9	794.3	763.1	603.5	389.4	187.7	85.3

Growing Degree Units (Accumulated Monthly)												
40	107	232	535	1056	1870	2895	4062	5192	6102	6691	6956	7086
45	54	120	310	690	1349	2224	3236	4211	4972	5412	5570	5641
50	24	53	156	408	914	1640	2496	3316	3927	4229	4310	4341
55	7	18	65	210	570	1146	1848	2513	2975	3158	3193	3204
60	1	4	20	89	316	742	1289	1799	2118	2210	2222	2226
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	67	160	364	705	1236	1930	2724	3487	4090	4480	4668	4753

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