

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 505 ft. Lat: 35.6047° N Lon: 87.8408° W
Station: **LINDEN WTP, TN US USC00405278**

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	48.6	26.5	37.5	4.0	4.8	4.2	7.9	4.5	1.8	0.1	0.0	0.0	548.6	607.2	697.5	850.9	0.0	0.0	15.7	3.1	22.2	0.3
02	53.2	29.2	41.2	4.9	4.8	4.6	9.2	5.0	1.8	0.1	0.0	0.0	395.5	447.3	528.1	666.4	0.0	0.0	18.1	1.0	18.3	0.1
03	62.6	36.1	49.3	4.7	3.9	4.1	53.6	37.6	20.1	5.3	0.7	0.3	228.7	274.8	350.3	490.5	0.0	0.0	26.6	0.2	13.4	0.0
04	72.0	44.2	58.1	2.8	3.5	2.9	162.2	126.2	80.8	29.2	6.2	2.3	69.2	93.2	137.7	236.2	0.0	0.2	29.3	0.0	4.0	0.0
05	78.7	54.1	66.4	2.4	3.4	2.6	358.4	301.2	222.2	112.5	37.7	19.6	5.0	9.8	23.8	69.1	0.0	0.9	31.0	0.0	0.0	0.0
06	85.1	62.9	74.0	2.5	2.5	2.2	569.9	509.9	420.4	274.9	144.2	99.7	0.0	0.1	0.5	5.0	0.1	7.5	30.0	0.0	0.0	0.0
07	88.7	67.0	77.8	2.7	2.6	2.4	708.2	646.2	553.2	398.4	246.1	188.2	0.0	0.0	0.0	0.1	0.3	15.8	31.0	0.0	0.0	0.0
08	88.5	65.4	76.9	3.2	2.4	2.4	680.3	618.3	525.3	371.0	221.1	164.8	0.0	0.0	0.0	0.7	1.1	14.8	31.0	0.0	0.0	0.0
09	83.3	57.8	70.5	3.2	3.5	2.8	467.5	409.1	323.6	194.4	92.3	61.2	1.1	2.7	7.3	28.0	0.2	6.3	30.0	0.0	0.0	0.0
10	73.2	44.9	59.0	2.7	2.9	2.2	182.5	142.3	91.6	35.8	10.4	5.8	56.9	78.7	121.0	220.2	0.0	0.4	30.8	0.0	3.1	0.0
11	61.4	35.2	48.3	4.6	3.7	3.8	40.9	28.0	14.9	3.2	0.2	0.1	241.8	288.9	365.8	504.1	0.0	0.0	25.9	0.0	13.7	0.0
12	51.9	29.6	40.7	4.3	4.1	4.0	12.4	8.1	4.4	1.5	0.4	0.2	454.1	511.7	601.0	753.2	0.0	0.0	18.8	1.0	20.3	0.0
Summary	70.6	46.1	58.3	3.5	3.5	3.2	3253	2836	2260	1426	759	542	2001	2314	2833	3824	1.7	45.9	318.2	5.3	95.0	0.4

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	4.60	9.0	6.9	3.4	1.5	3.41	4.75	5.75
02	4.91	8.5	6.9	3.7	1.8	2.92	4.18	5.36
03	4.93	9.0	7.1	3.5	1.6	3.50	4.52	5.65
04	5.64	8.7	7.0	3.6	1.9	3.95	6.12	7.20
05	6.36	9.4	7.5	3.7	1.9	4.12	5.63	7.59
06	5.31	8.2	6.3	3.3	1.5	3.68	5.11	6.47
07	5.06	8.2	6.5	3.1	1.7	3.07	4.26	5.84
08	3.20	6.8	5.2	2.2	1.0	1.81	2.91	3.97
09	4.20	6.5	4.8	2.7	1.3	2.91	4.13	4.69
10	3.82	7.1	5.1	2.7	1.5	2.31	3.00	5.66
11	3.89	7.9	6.1	2.3	1.2	2.47	3.43	4.98
12	5.67	9.1	7.1	4.0	1.8	3.93	5.51	6.90
Summary	57.59	98.4	76.5	38.2	18.7	38.08	53.55	70.06

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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	0.90	0.3	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.30
02	0.70	0.4	0.3	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.00	0.00	0.00
03	0.40	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.1	0.9	0.7	0.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3

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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	99.7	130.6	316.8	545.2	818.4	1019.9	1173.2	1145.3	916.3	592.0	277.0	133.6
45	50.4	67.4	200.7	403.1	663.4	869.9	1018.2	990.3	766.3	442.4	170.0	70.5
50	22.8	29.3	112.1	272.2	508.9	719.9	863.2	835.3	616.5	302.1	91.2	31.7
55	7.9	9.2	53.6	162.2	358.4	569.9	708.2	680.3	467.5	182.5	40.9	12.4
60	1.8	1.8	20.1	80.8	222.2	420.4	553.2	525.3	323.6	91.6	14.9	4.4
Growing Degree Units for Corn (Monthly)												
50/86	67.9	95.7	215.9	358.1	535.4	695.0	807.7	780.1	609.0	390.0	191.5	88.2

Growing Degree Units (Accumulated Monthly)												
40	100	230	547	1092	1911	2931	4104	5249	6165	6757	7034	7168
45	50	118	318	722	1385	2255	3273	4263	5030	5472	5642	5713
50	23	52	164	436	945	1665	2528	3364	3980	4282	4374	4405
55	8	17	71	233	591	1161	1869	2550	3017	3200	3241	3253
60	2	4	24	104	327	747	1300	1826	2149	2241	2256	2260
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	68	164	380	738	1273	1968	2776	3556	4165	4555	4746	4834

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