

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 350 ft. Lat: 36.3925° N Lon: 89.0317° W
Station: **UNION CITY, TN US USC00409219**

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	44.5	26.9	35.7	4.0	4.4	4.1	5.7	3.4	1.3	0.1	0.0	0.0	603.8	663.5	754.4	908.1	0.0	0.0	10.9	5.3	22.3	0.2
02	49.2	29.6	39.4	4.6	4.3	4.3	8.7	5.3	2.1	0.2	0.0	0.0	445.4	498.0	578.8	716.9	0.0	0.0	13.7	2.7	18.1	0.2
03	58.6	37.4	48.0	4.6	4.1	4.2	46.3	32.2	17.7	4.7	0.6	0.2	263.3	311.2	389.7	531.7	0.0	0.0	23.7	0.3	10.5	0.0
04	69.3	46.5	57.9	3.2	3.2	3.0	159.4	124.1	79.7	29.5	5.7	2.0	72.4	97.1	142.7	242.5	0.0	0.0	29.0	0.0	1.8	0.0
05	78.1	57.3	67.7	2.6	3.1	2.6	397.7	340.0	259.1	143.9	59.0	35.3	4.0	8.3	20.5	60.2	0.0	1.1	31.0	0.0	0.0	0.0
06	85.9	65.7	75.8	2.2	2.2	2.0	623.9	563.9	474.2	326.3	187.3	137.9	0.0	0.1	0.3	2.4	0.0	8.5	30.0	0.0	0.0	0.0
07	88.4	68.6	78.5	2.3	2.2	2.1	728.4	666.4	573.4	418.4	265.4	206.7	0.0	0.0	0.0	0.0	0.3	14.3	31.0	0.0	0.0	0.0
08	88.0	65.8	76.9	3.2	2.5	2.6	678.8	616.8	523.8	369.4	220.6	165.9	0.0	0.0	0.0	0.6	0.6	12.6	31.0	0.0	0.0	0.0
09	82.5	58.1	70.3	2.9	2.6	2.4	460.7	402.4	317.7	189.8	90.1	60.1	1.8	3.6	8.8	30.9	0.0	5.5	30.0	0.0	0.0	0.0
10	71.8	46.0	58.9	2.7	2.5	2.1	181.6	143.0	94.9	40.4	11.9	6.4	60.7	84.1	129.0	229.5	0.0	0.3	30.8	0.0	2.1	0.0
11	58.5	36.3	47.4	4.9	3.9	4.1	38.4	26.1	13.6	3.0	0.2	0.0	266.3	314.1	391.5	531.0	0.0	0.0	23.5	0.2	11.8	0.0
12	48.0	30.0	39.0	4.0	3.9	3.9	7.9	4.7	1.6	0.1	0.0	0.0	503.8	562.6	652.5	806.0	0.0	0.0	13.8	2.4	19.5	0.1
Summary	68.6	47.4	58.0	3.4	3.2	3.1	3337	2928	2359	1526	841	614	2222	2543	3068	4060	0.9	42.3	298.4	10.9	86.1	0.5

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	3.97	12.1	6.7	2.8	1.2	2.50	4.20	4.78	
02	4.64	10.7	6.5	3.5	1.4	3.09	3.95	5.54	
03	5.23	12.7	7.9	3.4	1.6	3.59	5.21	6.45	
04	5.22	11.9	7.7	3.7	1.6	3.61	5.09	6.01	
05	5.56	12.2	8.6	3.7	1.5	4.05	5.35	6.57	
06	4.41	9.9	6.6	3.2	1.4	2.94	4.16	5.30	
07	4.05	9.0	6.2	2.9	1.1	2.22	3.30	4.97	
08	3.34	8.2	5.2	2.4	1.0	1.91	3.00	4.85	
09	3.81	7.6	4.8	2.2	1.3	1.26	3.29	6.28	
10	3.96	8.4	5.4	2.8	1.1	2.51	3.29	5.63	
11	4.43	10.4	6.2	3.0	1.4	2.71	3.75	5.62	
12	5.17	11.3	7.1	3.5	1.5	3.41	5.03	6.76	
Summary	53.79	124.4	78.9	37.1	16.1	33.80	49.62	68.76	

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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	2.10	1.6	0.8	0.2	0.1	0.0	2.2	0.9	0.2	0.0	0.00	0.40	3.90
02	1.70	1.1	0.6	0.2	0.0	0.0	1.5	0.3	0.0	0.0	0.00	0.00	1.00
03	1.00	0.4	0.2	0.2	0.1	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.20
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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.20	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	0.70	0.6	0.2	0.1	0.0	0.0	0.7	0.3	0.2	0.0	0.00	0.00	0.40
Summary	5.8	3.9	1.9	0.7	0.2	0.0	4.7	1.6	0.4	0.0	0.0	0.4	5.5

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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	75.7	109.5	285.6	539.5	858.6	1073.8	1193.3	1143.7	908.8	587.5	260.6	106.4
45	36.5	56.4	177.9	397.7	703.7	923.9	1038.4	988.8	758.9	437.3	158.9	51.3
50	15.7	24.3	97.9	268.5	549.2	773.9	883.4	833.8	609.0	298.3	85.1	21.8
55	5.7	8.7	46.3	159.4	397.7	623.9	728.4	678.8	460.7	181.6	38.4	7.9
60	1.3	2.1	17.7	79.7	259.1	474.2	573.4	523.8	317.7	94.9	13.6	1.6
Growing Degree Units for Corn (Monthly)												
50/86	43.9	67.5	168.8	328.4	556.3	741.3	831.8	782.7	599.2	372.9	159.3	57.7
Growing Degree Units (Accumulated Monthly)												
40	76	185	471	1010	1869	2943	4136	5280	6188	6776	7037	7143
45	36	93	271	668	1372	2296	3334	4323	5082	5520	5678	5730
50	16	40	138	406	956	1730	2613	3447	4056	4354	4439	4461
55	6	14	61	220	618	1242	1970	2649	3110	3291	3330	3337
60	1	3	21	101	360	834	1408	1931	2249	2344	2358	2359
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	44	111	280	609	1165	1906	2738	3521	4120	4493	4652	4710

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