

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 330 ft. Lat: 35.7978° N Lon: 89.1175° W

Station: **ALAMO 1 N, TN US USC00400049**

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	46.5	29.1	37.8	3.8	4.3	3.9	8.8	5.6	2.4	0.5	0.0	0.0	541.8	600.6	690.4	843.4	0.0	0.0	12.7	4.5	20.8	0.1
02	50.7	32.5	41.6	4.4	4.0	4.1	15.5	10.1	4.6	1.0	0.0	0.0	390.7	441.2	519.8	656.2	0.0	0.0	13.4	2.6	15.7	0.0
03	59.6	40.2	49.9	4.6	3.9	4.1	64.5	46.3	25.1	8.1	1.2	0.3	222.6	266.4	338.2	476.2	0.0	0.0	24.5	0.4	8.0	0.0
04	70.0	49.5	59.8	3.1	2.7	2.9	198.5	159.1	107.8	46.3	12.4	5.7	56.0	76.6	115.3	203.8	0.0	0.1	29.2	0.0	0.7	0.0
05	78.3	59.3	68.8	2.4	2.5	2.3	430.3	371.7	287.9	166.5	72.2	44.1	2.5	5.9	15.1	48.7	0.0	1.0	31.0	0.0	0.0	0.0
06	85.9	67.2	76.6	2.3	2.0	1.9	646.4	586.4	496.5	347.6	205.2	152.8	0.0	0.0	0.1	1.2	0.1	9.3	30.0	0.0	0.0	0.0
07	88.6	69.7	79.2	2.2	2.0	2.0	748.6	686.6	593.6	438.7	285.9	227.2	0.0	0.0	0.0	0.1	0.2	13.5	31.0	0.0	0.0	0.0
08	88.2	67.6	77.9	3.1	2.3	2.4	709.8	647.8	554.8	400.3	250.4	193.8	0.0	0.0	0.0	0.5	0.5	12.9	31.0	0.0	0.0	0.0
09	82.8	60.2	71.5	2.8	2.9	2.5	495.7	436.4	349.3	216.0	107.2	73.0	0.7	1.5	4.4	21.2	0.0	5.8	30.0	0.0	0.0	0.0
10	72.2	48.8	60.5	2.7	2.6	2.2	212.4	169.3	114.9	50.3	15.7	8.2	41.9	60.8	99.3	189.8	0.0	0.3	30.9	0.0	0.7	0.0
11	59.7	39.3	49.5	4.5	3.5	3.8	49.5	33.9	17.7	4.3	0.7	0.2	214.4	258.9	332.7	469.3	0.0	0.0	24.7	0.2	7.5	0.0
12	49.5	32.7	41.1	3.8	4.0	3.7	13.0	8.3	3.9	0.5	0.0	0.0	443.8	501.0	589.7	741.2	0.0	0.0	15.7	1.3	16.2	0.0
Summary	69.3	49.7	59.5	3.3	3.1	3.0	3593	3162	2558	1680	951	705	1914	2213	2705	3652	0.8	42.9	304.1	9.0	69.6	0.1

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	4.23	8.1	6.6	3.3	1.0	3.29	4.21	5.04	
02	4.26	7.8	6.5	3.1	1.6	2.48	3.60	4.97	
03	5.22	9.8	8.1	3.6	1.6	3.91	4.66	5.96	
04	4.72	9.1	7.4	3.6	1.6	3.01	4.24	5.61	
05	5.44	9.9	7.9	3.8	1.5	3.49	4.66	6.40	
06	4.53	7.1	6.0	3.2	1.2	2.95	3.85	5.72	
07	3.53	6.9	5.7	2.3	1.1	2.38	2.79	4.85	
08	3.83	6.6	5.9	2.6	1.2	2.44	3.73	4.92	
09	3.76	5.7	4.4	2.3	1.2	1.78	3.56	4.89	
10	3.83	7.5	6.1	2.8	1.1	2.24	3.18	5.01	
11	4.87	7.8	6.6	3.0	1.6	2.50	4.23	6.25	
12	5.38	8.9	7.6	3.8	1.9	3.73	5.15	6.82	
Summary	53.60	95.2	78.8	37.4	16.6	34.20	47.86	66.44	

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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	1.30	0.9	0.6	0.1	0.0	0.0	1.2	0.4	0.1	0.0	0.00	0.20	1.40
02	1.50	0.8	0.8	0.2	0.1	0.0	1.4	0.4	0.1	0.0	0.00	0.00	2.90
03	0.70	0.2	0.2	0.1	0.1	0.0	0.2	0.1	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	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	0.20	0.1	0.1	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
Summary	3.7	2.1	1.7	0.5	0.2	0.0	3.2	1.0	0.2	0.0	0.0	0.2	4.3

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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	105.8	143.0	337.2	594.2	892.8	1096.2	1213.5	1174.6	944.7	636.1	309.2	139.8
45	54.1	80.3	220.6	450.0	737.8	946.3	1058.5	1019.7	794.8	483.6	195.4	74.2
50	23.7	39.2	129.5	315.4	583.0	796.4	903.6	864.7	645.0	339.2	107.0	34.5
55	8.8	15.5	64.5	198.5	430.3	646.4	748.6	709.8	495.7	212.4	49.5	13.0
60	2.4	4.6	25.1	107.8	287.9	496.5	593.6	554.8	349.3	114.9	17.7	3.9
Growing Degree Units for Corn (Monthly)												
50/86	57.5	79.3	187.4	357.5	585.6	765.4	847.8	810.3	629.7	391.3	175.1	71.5
Growing Degree Units (Accumulated Monthly)												
40	106	249	586	1180	2073	3169	4383	5557	6502	7138	7447	7587
45	54	134	355	805	1543	2489	3548	4567	5362	5846	6041	6115
50	24	63	192	508	1091	1887	2791	3656	4300	4640	4747	4781
55	9	24	89	287	718	1364	2113	2822	3318	3530	3580	3593
60	2	7	32	140	428	924	1518	2073	2422	2537	2555	2558
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	58	137	324	682	1267	2033	2880	3691	4320	4712	4887	4958

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