

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 450 ft. Lat: 36.2836° N Lon: 88.7064° W
Station: DRESDEN, TN US USC00402600

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	45.7	27.1	36.4	3.8	4.2	3.9	6.3	3.9	1.5	0.2	0.0	0.0	582.7	642.3	732.9	886.7	0.0	0.0	11.3	4.4	21.9	0.1
02	50.4	30.3	40.3	4.8	4.3	4.3	10.8	6.9	3.1	0.4	0.0	0.0	420.9	473.0	553.2	690.6	0.0	0.0	14.7	2.2	17.5	0.1
03	59.5	38.2	48.9	4.6	3.6	4.0	57.8	41.4	23.1	6.9	1.1	0.5	248.4	294.1	368.8	507.6	0.0	0.0	24.1	0.3	10.0	0.0
04	69.9	47.3	58.6	3.1	3.2	3.1	178.2	140.7	93.8	38.0	8.7	3.6	70.2	92.7	135.8	230.0	0.0	0.0	29.0	0.0	2.0	0.0
05	77.7	57.2	67.5	2.6	3.0	2.6	390.4	332.7	252.1	137.1	53.9	31.0	4.5	8.8	21.2	61.2	0.0	0.5	31.0	0.0	0.0	0.0
06	85.3	65.4	75.4	2.3	2.0	2.0	610.4	550.5	460.7	314.1	178.7	130.7	0.0	0.1	0.4	3.7	0.0	6.8	30.0	0.0	0.0	0.0
07	88.2	69.3	78.8	2.2	2.0	2.0	736.2	674.2	581.2	426.3	272.5	213.2	0.0	0.0	0.0	0.1	0.1	13.5	31.0	0.0	0.0	0.0
08	88.1	67.5	77.8	3.2	2.4	2.6	706.7	644.7	551.7	397.3	246.6	189.4	0.0	0.0	0.0	0.6	0.9	12.2	31.0	0.0	0.0	0.0
09	82.3	60.3	71.3	3.2	2.8	2.7	490.1	431.4	345.6	213.4	104.2	70.3	1.2	2.5	6.7	24.5	0.0	4.6	30.0	0.0	0.0	0.0
10	71.5	48.0	59.8	2.8	2.5	2.2	199.4	157.8	105.0	43.6	12.1	6.4	52.2	72.5	112.7	206.3	0.0	0.2	30.8	0.0	1.7	0.0
11	58.8	38.0	48.4	4.9	3.8	4.1	47.5	32.7	16.5	3.9	0.3	0.0	245.4	290.6	364.4	501.9	0.0	0.0	23.6	0.0	9.2	0.0
12	48.8	30.5	39.7	4.3	3.7	3.9	8.2	4.8	1.8	0.1	0.0	0.0	483.9	542.5	632.5	785.9	0.0	0.0	13.5	2.6	20.0	0.0
Summary	68.8	48.3	58.6	3.5	3.1	3.1	3442	3022	2436	1581	878	645	2109	2419	2929	3899	1.0	37.8	300.0	9.5	82.3	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	3.88	9.6	6.8	3.0	1.1	2.97	3.80	4.62
02	4.80	8.6	6.4	3.4	1.5	2.37	3.93	6.17
03	4.84	9.7	7.7	3.5	1.3	3.37	4.40	5.46
04	5.08	10.6	7.7	4.1	1.5	3.32	4.85	5.88
05	5.91	11.3	7.7	3.8	1.9	4.28	5.63	7.14
06	4.61	10.3	7.4	3.1	1.4	3.16	4.29	5.31
07	4.45	9.3	6.0	3.2	1.4	2.31	4.39	6.79
08	3.19	6.9	4.2	1.9	1.1	1.71	3.41	4.23
09	3.89	7.6	5.3	2.4	1.5	1.54	3.59	5.15
10	3.64	8.0	5.6	2.7	1.3	2.18	3.65	4.59
11	4.31	9.2	6.1	2.7	1.3	2.61	3.86	5.42
12	4.96	9.4	7.1	2.9	1.6	3.55	5.03	6.47
Summary	53.56	110.5	78.0	36.7	16.9	33.37	50.83	67.23

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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	0.00	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.30	0.1	0.1	0.1	0.0	0.0	0.3	0.2	0.0	0.0	0.00	0.00	0.00
03	0.10	0.1	0.1	0.0	0.0	0.0	0.1	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.4	0.3	0.2	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0

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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	83.1	124.7	308.5	560.5	850.9	1060.3	1201.1	1171.6	938.8	613.8	285.9	118.5
45	40.7	66.1	197.5	418.2	695.9	910.3	1046.1	1016.6	788.8	463.1	180.8	58.7
50	17.4	29.5	112.9	288.5	541.4	760.4	891.2	861.7	638.9	321.3	100.7	24.7
55	6.3	10.8	57.8	178.2	390.4	610.4	736.2	706.7	490.1	199.4	47.5	8.2
60	1.5	3.1	23.1	93.8	252.1	460.7	581.2	551.7	345.6	105.0	16.5	1.8
Growing Degree Units for Corn (Monthly)												
50/86	48.4	77.4	183.1	343.9	550.6	731.7	841.9	809.6	627.0	378.1	165.6	62.9

Growing Degree Units (Accumulated Monthly)												
40	83	208	516	1077	1928	2988	4189	5361	6300	6913	7199	7318
45	41	107	304	722	1418	2329	3375	4391	5180	5643	5824	5883
50	17	47	160	448	990	1750	2641	3503	4142	4463	4564	4589
55	6	17	75	253	644	1254	1990	2697	3187	3386	3434	3442
60	2	5	28	122	374	834	1416	1967	2313	2418	2434	2436
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	48	126	309	653	1203	1935	2777	3587	4214	4592	4757	4820

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

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