

Summary of Monthly Normals
1991-2020

Generated on 05/14/2024

Current Location: Elev: 655 ft. Lat: 35.9417° N Lon: 86.8686° W

Station: FRANKLIN SEWAGE PLT, TN US USC00403280

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	49.1	28.6	38.9	4.1	4.5	4.2	11.7	7.0	2.8	0.3	0.0	0.0	512.1	569.5	658.2	810.8	0.0	0.0	13.7	3.9	21.1	0.2
02	53.4	31.1	42.3	4.8	4.2	4.4	15.1	9.3	4.2	0.9	0.1	0.0	372.0	422.2	501.1	637.9	0.0	0.0	16.6	1.9	16.9	0.1
03	62.2	37.8	50.0	4.5	3.4	3.8	61.5	43.9	24.5	7.0	0.9	0.3	216.5	260.9	334.5	472.0	0.0	0.0	25.4	0.3	10.9	0.0
04	71.9	46.2	59.0	3.1	3.1	3.0	181.9	144.1	95.7	39.7	9.9	4.2	60.4	82.6	124.3	218.2	0.0	0.1	28.9	0.0	2.5	0.0
05	79.5	55.4	67.4	2.9	3.1	2.8	391.4	334.5	253.8	139.7	56.2	33.2	5.4	10.5	22.8	63.8	0.0	1.0	31.0	0.0	0.0	0.0
06	87.3	64.3	75.8	2.5	2.2	2.1	623.9	563.9	474.1	326.8	188.9	139.9	0.0	0.0	0.2	2.9	0.1	8.2	30.0	0.0	0.0	0.0
07	90.8	68.5	79.7	2.2	2.1	1.9	764.0	702.0	609.0	454.1	300.0	239.6	0.0	0.0	0.0	0.0	0.4	16.1	31.0	0.0	0.0	0.0
08	90.2	66.9	78.5	3.0	2.4	2.5	729.9	667.9	574.9	420.3	268.5	210.7	0.0	0.0	0.0	0.3	0.6	13.6	31.0	0.0	0.0	0.0
09	84.8	59.8	72.3	3.2	2.9	2.7	519.6	460.6	373.7	238.9	125.5	89.1	0.8	1.7	4.9	20.0	0.0	5.7	30.0	0.0	0.0	0.0
10	73.8	47.2	60.5	2.9	2.7	2.3	215.4	172.1	117.7	52.3	16.9	10.0	44.9	63.5	102.2	191.8	0.0	0.4	30.7	0.0	2.3	0.0
11	61.6	37.1	49.4	4.2	3.4	3.5	50.1	34.8	18.6	4.6	0.7	0.2	219.5	264.2	337.9	474.0	0.0	0.0	24.4	0.1	11.5	0.0
12	52.5	31.8	42.1	4.2	4.0	4.0	16.7	10.6	4.6	0.9	0.0	0.0	415.0	470.8	557.9	709.2	0.0	0.0	16.8	1.4	18.5	0.0
Summary	71.4	47.9	59.7	3.5	3.2	3.1	3581	3151	2554	1686	968	727	1847	2146	2644	3601	1.1	45.1	309.5	7.6	83.7	0.3

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	4.25	11.9	7.5	2.9	1.1	2.82	4.28	5.23	
02	4.76	11.2	7.6	3.5	1.3	3.08	3.93	5.88	
03	5.16	12.7	8.4	3.9	1.5	3.90	4.80	5.82	
04	5.16	11.1	7.7	3.6	1.6	3.60	5.23	6.42	
05	5.39	12.3	8.0	3.3	1.4	3.36	4.71	5.73	
06	4.39	11.2	7.5	3.1	1.2	2.94	3.68	5.17	
07	4.57	10.6	7.4	3.2	1.3	3.28	4.15	6.37	
08	3.61	9.0	6.1	2.4	1.1	2.81	3.70	4.55	
09	4.00	8.4	5.4	2.8	1.3	2.18	3.73	5.36	
10	3.47	9.1	5.5	2.3	1.0	1.89	3.24	4.97	
11	3.83	10.0	6.1	2.8	1.0	2.96	3.72	5.05	
12	5.20	12.2	7.8	3.4	1.4	3.46	4.79	6.79	
Summary	53.79	129.7	85.0	37.2	15.2	36.28	49.96	67.34	

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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	0.90	0.5	0.3	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
02	0.30	0.3	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
03	0.40	0.3	0.2	0.1	0.0	0.0	0.3	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	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.7	1.3	0.7	0.1	0.0	0.0	0.9	0.1	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	121.7	153.2	336.2	573.4	851.0	1073.8	1229.0	1194.9	968.8	636.6	304.8	159.0
45	63.7	84.5	217.4	430.0	696.0	923.9	1074.0	1039.9	818.8	485.0	192.2	87.5
50	30.0	40.2	124.2	296.1	541.3	773.9	919.0	884.9	668.9	341.8	106.6	41.8
55	11.7	15.1	61.5	181.9	391.4	623.9	764.0	729.9	519.6	215.4	50.1	16.7
60	2.8	4.2	24.5	95.7	253.8	474.1	609.0	574.9	373.7	117.7	18.6	4.6
Growing Degree Units for Corn (Monthly)												
50/86	74.3	101.2	215.2	367.5	553.8	727.8	837.1	808.2	643.0	411.1	196.9	95.1

Growing Degree Units (Accumulated Monthly)												
40	122	275	611	1184	2036	3109	4338	5533	6502	7139	7443	7602
45	64	148	366	796	1492	2416	3490	4529	5348	5833	6025	6113
50	30	70	194	490	1032	1806	2725	3610	4278	4620	4727	4769
55	12	27	88	270	662	1286	2050	2779	3299	3514	3564	3581
60	3	7	32	127	381	855	1464	2039	2413	2530	2549	2554
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	74	176	391	758	1312	2040	2877	3685	4328	4739	4936	5031

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