

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 742 ft. Lat: 35.1342° N Lon: 86.5419° W
Station: FAYETTEVILLE WTP, TN US USC00403074

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	49.8	30.5	40.2	3.9	4.5	4.1	11.4	6.8	2.6	0.3	0.0	0.0	471.5	528.9	617.8	770.5	0.0	0.0	17.5	2.0	18.1	0.0
02	54.7	33.4	44.1	4.5	4.4	4.3	18.4	11.9	5.9	0.9	0.0	0.0	324.9	374.5	452.5	587.5	0.0	0.0	19.3	0.7	14.3	0.0
03	63.3	39.9	51.6	4.2	3.7	3.8	74.6	52.8	29.6	7.6	0.7	0.1	180.0	220.2	290.0	423.0	0.0	0.0	27.9	0.1	8.8	0.0
04	72.8	47.9	60.3	2.9	3.0	2.8	203.9	161.6	107.0	41.5	8.1	3.2	43.5	61.1	96.5	181.0	0.0	0.1	29.7	0.0	2.0	0.0
05	79.6	56.2	67.9	2.5	3.0	2.5	403.8	345.4	261.2	139.0	48.4	25.0	3.9	7.4	16.3	49.1	0.0	1.5	31.0	0.0	0.0	0.0
06	86.2	63.9	75.1	2.7	1.8	1.9	601.4	541.5	451.7	303.9	166.2	117.1	0.0	0.1	0.2	2.5	0.1	9.9	30.0	0.0	0.0	0.0
07	88.8	67.7	78.2	2.4	1.7	1.8	720.7	658.7	565.7	410.7	256.8	196.9	0.0	0.0	0.0	0.0	0.3	16.7	31.0	0.0	0.0	0.0
08	88.7	66.3	77.5	3.0	2.1	2.3	697.4	635.4	542.5	387.9	235.9	178.3	0.0	0.0	0.1	0.5	0.7	15.8	31.0	0.0	0.0	0.0
09	83.6	59.8	71.7	3.4	2.4	2.5	501.6	442.8	356.0	220.8	106.1	70.1	0.8	1.9	5.0	19.9	0.0	7.0	30.0	0.0	0.0	0.0
10	73.5	47.9	60.7	2.8	3.2	2.3	217.0	172.8	115.2	47.2	13.2	7.0	40.3	58.1	93.5	180.5	0.0	0.4	30.9	0.0	2.2	0.0
11	61.6	38.1	49.8	4.3	3.4	3.5	49.2	34.1	18.2	4.6	0.4	0.1	203.6	248.5	322.7	459.1	0.0	0.0	26.8	0.0	10.2	0.0
12	52.4	33.2	42.8	4.0	4.0	3.9	17.4	11.3	5.6	0.9	0.1	0.0	395.5	451.5	538.7	689.1	0.0	0.0	19.3	0.6	16.0	0.0
Summary	71.3	48.7	60.0	3.4	3.1	3.0	3517	3075	2461	1565	836	598	1664	1952	2433	3363	1.1	51.4	324.4	3.4	71.6	0.0

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	5.29	11.5	7.9	3.7	1.6	3.44	5.23	6.67	
02	5.72	11.9	8.2	3.7	1.7	3.15	4.22	7.07	
03	5.79	12.0	8.7	4.2	1.6	4.25	5.34	7.08	
04	5.18	10.8	7.8	3.6	1.8	3.58	5.02	6.26	
05	4.68	11.8	8.4	3.4	1.2	3.33	4.32	6.73	
06	4.91	12.1	8.2	3.4	1.4	3.55	5.45	6.29	
07	4.98	12.2	8.3	3.2	1.2	3.26	4.98	6.28	
08	4.12	10.4	6.2	2.5	1.5	2.38	3.34	6.12	
09	4.10	8.4	5.2	2.5	1.4	1.84	3.87	6.25	
10	3.79	9.2	6.0	2.6	1.1	1.96	3.25	5.86	
11	4.80	10.3	7.0	3.2	1.9	3.26	4.30	6.13	
12	6.45	13.4	8.7	4.8	2.2	4.40	6.12	7.67	
Summary	59.81	134.0	90.6	40.8	18.6	38.40	55.44	78.41	

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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	0.20	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	0.40	0.4	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.10
03	0.50	0.2	0.1	0.1	0.0	0.0	0.3	0.2	0.1	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	0.1	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.1	0.8	0.3	0.1	0.0	0.0	0.7	0.2	0.1	0.0	0.0	0.0	0.1

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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	131.1	175.1	377.8	611.8	864.9	1051.4	1185.6	1162.3	950.8	642.2	313.4	167.0
45	67.2	97.5	252.6	465.7	709.9	901.4	1030.7	1007.4	800.9	490.1	196.9	91.8
50	30.0	47.3	150.0	327.1	555.3	751.4	875.7	852.4	650.9	344.8	106.9	43.0
55	11.4	18.4	74.6	203.9	403.8	601.4	720.7	697.4	501.6	217.0	49.2	17.4
60	2.6	5.9	29.6	107.0	261.2	451.7	565.7	542.5	356.0	115.2	18.2	5.6
Growing Degree Units for Corn (Monthly)												
50/86	71.4	108.0	231.8	390.8	570.2	718.5	820.6	795.2	636.5	414.3	196.0	90.6

Growing Degree Units (Accumulated Monthly)												
40	131	306	684	1296	2161	3212	4398	5560	6511	7153	7466	7633
45	67	165	417	883	1593	2494	3525	4532	5333	5823	6020	6112
50	30	77	227	554	1110	1861	2737	3589	4240	4585	4692	4735
55	11	30	104	308	712	1314	2034	2732	3233	3450	3499	3517
60	3	8	38	145	406	858	1424	1966	2322	2437	2456	2461
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	71	179	411	802	1372	2091	2911	3706	4343	4757	4953	5044

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