

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1143 ft. Lat: 35.7425° N Lon: 81.3819° W
Station: **HICKORY FAA AP, NC US USW00003810**

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	30.2	39.7	3.3	3.6	3.3	4.2	2.0	0.5	0.0	0.0	0.0	479.9	539.8	631.3	785.8	0.0	0.0	15.6	1.9	18.8	0.0
02	53.2	32.8	43.0	4.2	3.2	3.5	9.0	5.3	2.2	0.2	0.0	0.0	344.9	397.3	478.2	616.1	0.0	0.0	18.0	0.5	14.9	0.0
03	60.7	39.5	50.1	4.0	3.5	3.6	54.9	38.1	20.7	4.0	0.2	0.0	206.8	252.0	327.6	465.9	0.0	0.0	26.4	0.0	8.1	0.0
04	70.0	47.7	58.8	2.4	2.3	2.2	165.7	128.0	80.5	27.5	5.1	1.9	50.1	72.5	115.0	212.0	0.0	0.0	29.6	0.0	0.9	0.0
05	77.4	56.2	66.8	2.8	2.9	2.7	370.0	312.4	231.2	116.4	37.9	19.1	4.2	8.6	20.4	60.6	0.0	1.0	30.9	0.0	0.0	0.0
06	84.3	64.4	74.3	3.0	1.4	2.1	580.5	520.6	431.0	285.1	150.9	104.3	0.0	0.1	0.6	4.6	0.0	6.8	30.0	0.0	0.0	0.0
07	87.4	68.1	77.7	2.4	1.4	1.8	705.2	643.2	550.2	395.3	242.1	183.3	0.0	0.0	0.0	0.1	0.1	13.3	31.0	0.0	0.0	0.0
08	85.7	67.0	76.4	2.6	1.6	1.9	661.8	599.8	506.8	352.0	201.0	144.8	0.0	0.0	0.0	0.2	0.2	8.3	31.0	0.0	0.0	0.0
09	79.8	60.9	70.4	3.3	2.2	2.5	461.0	402.1	316.2	183.5	78.6	48.7	0.6	1.7	5.8	23.0	0.0	2.9	30.0	0.0	0.0	0.0
10	70.2	48.9	59.6	2.5	2.7	2.2	182.5	139.7	85.8	29.1	7.2	3.8	41.4	60.6	99.7	198.0	0.0	0.2	30.8	0.0	0.7	0.0
11	59.9	38.7	49.3	3.8	2.9	3.2	36.2	23.3	10.5	1.7	0.1	0.0	207.2	254.3	331.4	472.6	0.0	0.0	26.6	0.0	8.2	0.0
12	51.5	32.8	42.2	4.3	4.0	4.1	9.5	5.7	2.5	0.5	0.0	0.0	407.8	466.0	555.8	708.7	0.0	0.0	18.8	0.3	17.0	0.0
Summary	69.1	48.9	59.0	3.2	2.6	2.8	3240	2820	2238	1395	723	506	1743	2053	2566	3548	0.3	32.5	318.7	2.7	68.6	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	3.81	9.4	6.7	2.6	1.1	2.68	3.31	4.90
02	3.21	9.1	6.1	2.1	0.7	2.09	3.24	3.86
03	4.08	11.0	7.1	2.8	1.1	2.72	3.82	4.69
04	4.08	10.0	6.9	2.9	1.2	2.71	3.73	5.50
05	3.86	10.9	6.8	2.6	1.1	2.07	4.14	5.27
06	4.35	11.6	6.9	2.7	1.4	2.53	3.81	5.16
07	4.29	12.1	7.3	2.7	0.9	2.48	3.51	5.52
08	4.58	10.7	6.9	3.2	1.3	2.69	3.63	6.18
09	3.93	8.6	5.8	2.7	1.0	2.48	3.67	4.76
10	3.49	7.6	4.4	2.2	1.1	1.67	2.62	5.64
11	3.62	8.4	5.5	2.3	1.2	1.98	3.40	4.54
12	3.85	9.0	6.1	3.0	1.1	2.59	3.66	4.39
Summary	47.15	118.4	76.5	31.8	13.2	28.69	42.54	60.41

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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	105.7	141.2	330.0	566.0	830.8	1030.4	1170.2	1126.8	910.4	606.3	293.3	137.7
45	47.7	69.4	210.1	419.8	675.8	880.4	1015.1	971.8	760.4	453.6	176.7	66.6
50	16.8	28.5	117.2	283.0	521.3	730.4	860.2	816.8	610.5	309.2	90.6	27.8
55	4.2	9.0	54.9	165.7	370.0	580.5	705.2	661.8	461.0	182.5	36.2	9.5
60	0.5	2.2	20.7	80.5	231.2	431.0	550.2	506.8	316.2	85.8	10.5	2.5
Growing Degree Units for Corn (Monthly)												
50/86	59.2	85.3	189.4	335.4	530.6	706.1	816.5	786.7	605.6	358.7	167.5	74.0

Growing Degree Units (Accumulated Monthly)												
40	106	247	577	1143	1974	3004	4174	5301	6212	6818	7111	7249
45	48	117	327	747	1423	2303	3318	4290	5050	5504	5681	5747
50	17	45	162	446	967	1697	2557	3374	3985	4294	4384	4412
55	4	13	68	234	604	1184	1890	2551	3012	3195	3231	3240
60	0	3	23	104	335	766	1316	1823	2139	2225	2236	2238
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	59	144	334	669	1200	1906	2722	3509	4115	4474	4641	4715

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