

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 5053 ft. Lat: 36.1875° N Lon: 81.8742° W
Station: BEECH MTN, NC US USC00310645

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	34.8	20.0	27.4	4.0	4.5	4.1	0.1	0.0	0.0	0.0	0.0	0.0	855.5	917.5	1010.5	1165.5	0.0	0.0	3.5	12.1	24.7	2.9
02	36.9	21.8	29.3	4.9	4.8	4.7	0.1	0.0	0.0	0.0	0.0	0.0	718.3	774.2	858.2	998.2	0.0	0.0	4.1	8.8	22.5	1.0
03	43.4	27.7	35.6	5.1	4.8	4.9	1.6	0.7	0.2	0.0	0.0	0.0	604.5	665.6	758.1	912.9	0.0	0.0	10.8	5.6	19.2	0.4
04	53.3	36.4	44.9	3.1	3.1	3.0	17.9	9.8	3.0	0.1	0.0	0.0	322.4	374.3	457.5	604.6	0.0	0.0	21.0	1.3	10.9	0.0
05	60.7	46.0	53.3	3.1	4.2	3.5	70.9	43.8	16.0	1.1	0.0	0.0	122.2	157.0	222.2	362.3	0.0	0.0	28.3	0.0	2.8	0.0
06	65.9	53.6	59.8	2.6	1.8	2.1	161.3	113.2	55.4	6.6	0.2	0.1	18.8	30.7	62.9	164.2	0.0	0.0	29.8	0.0	0.0	0.0
07	68.9	57.3	63.1	2.3	1.9	2.0	252.3	193.2	111.5	19.8	0.7	0.1	1.3	4.1	15.5	78.7	0.0	0.0	31.0	0.0	0.0	0.0
08	67.7	56.1	61.9	2.3	1.9	2.1	217.4	160.4	85.7	12.9	0.3	0.0	3.5	8.5	26.8	109.1	0.0	0.0	31.0	0.0	0.0	0.0
09	63.4	50.5	57.0	2.7	2.5	2.5	104.8	68.0	28.0	1.6	0.0	0.0	46.4	69.5	119.5	243.1	0.0	0.0	29.6	0.0	0.3	0.0
10	55.0	40.6	47.8	2.2	2.6	2.3	20.7	10.6	3.1	0.3	0.0	0.0	243.9	295.8	381.3	533.5	0.0	0.0	24.7	0.8	6.2	0.0
11	45.6	30.9	38.3	4.2	4.1	4.1	1.3	0.4	0.0	0.0	0.0	0.0	503.7	562.9	652.5	802.5	0.0	0.0	12.7	3.6	16.0	0.0
12	38.8	24.4	31.6	5.0	5.1	5.0	0.5	0.1	0.0	0.0	0.0	0.0	725.9	787.5	880.4	1035.4	0.0	0.0	5.5	8.3	22.8	0.7
Summary	52.9	38.8	45.8	3.5	3.4	3.4	849	600	303	42	1	0	4166	4648	5445	7010	0.0	0.0	232.0	40.5	125.4	5.0

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	5.18	20.1	10.6	2.9	1.2	4.05	5.13	6.15	
02	4.21	17.8	10.1	2.7	0.5	2.99	4.05	5.06	
03	4.81	16.1	10.0	2.9	0.9	3.41	4.44	5.78	
04	4.92	15.4	10.5	3.4	1.3	3.45	4.51	6.01	
05	5.71	17.2	12.2	4.0	1.2	4.14	4.95	6.93	
06	4.94	18.0	11.6	4.4	1.2	3.86	4.79	5.67	
07	5.97	18.6	12.0	5.0	2.1	4.46	5.40	6.67	
08	4.96	16.9	10.2	4.0	1.5	3.05	4.66	6.39	
09	4.99	13.1	8.9	3.4	1.5	2.88	3.77	6.82	
10	3.75	11.6	7.0	2.2	0.9	2.14	3.10	4.95	
11	3.50	12.1	6.8	2.2	0.7	2.38	3.40	4.54	
12	4.84	18.3	11.4	2.9	1.1	3.57	4.63	5.34	
Summary	57.78	195.2	121.3	40.0	14.1	40.38	52.83	70.31	

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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	16.60	9.7	7.0	2.6	1.4	0.1					13.00	15.20	18.90
02	16.50	9.1	6.5	3.2	1.5	0.2					7.20	14.10	17.60
03	13.00	6.7	4.8	1.9	1.2	0.1					4.00	10.50	21.00
04	4.40	2.0	1.2	0.5	0.2	0.0					1.00	2.00	5.80
05	0.10	0.3	0.2	0.1	0.0	0.0					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.60	0.5	0.4	0.0	0.0	0.0					0.00	0.00	1.10
11	2.10	2.9	1.9	0.5	0.1	0.0					0.50	1.00	4.30
12	13.20	6.7	4.3	1.6	0.9	0.1					6.30	10.90	17.10
Summary	66.5	37.9	26.3	10.4	5.3	0.5	0.0	0.0	0.0	0.0	32.0	53.7	85.8

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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	21.2	23.1	80.0	212.2	421.6	592.4	715.9	678.7	509.4	277.6	97.7	40.2
45	5.1	7.1	34.0	120.8	283.0	443.2	561.0	523.8	362.1	161.2	39.8	13.4
50	0.6	1.4	10.3	55.7	163.4	297.4	406.0	369.0	223.0	72.5	10.6	2.9
55	0.1	0.1	1.6	17.9	70.9	161.3	252.3	217.4	104.8	20.7	1.3	0.5
60	0.0	0.0	0.2	3.0	16.0	55.4	111.5	85.7	28.0	3.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.0	6.3	29.9	97.3	198.4	308.4	406.7	372.2	245.1	113.1	31.9	9.8

Growing Degree Units (Accumulated Monthly)												
40	21	44	124	336	758	1350	2066	2745	3255	3532	3630	3670
45	5	12	46	167	450	893	1454	1978	2340	2501	2541	2554
50	1	2	12	68	231	529	935	1304	1527	1599	1610	1613
55	0	0	2	20	91	252	504	722	826	847	848	849
60	0	0	0	3	19	75	186	272	300	303	303	303
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	10	40	138	336	644	1051	1423	1668	1781	1813	1823

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