

Summary of Monthly Normals
1991-2020

Generated on 06/02/2024

Current Location: Elev: 0 ft. Lat: 35.5731° N Lon: 76.5847° W

Station: BELHAVEN 3 NE, NC US USC00310674

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	53.9	32.6	43.2	3.8	3.0	3.3	14.0	8.3	3.2	0.7	0.0	0.0	378.0	434.3	522.2	674.7	0.0	0.0	19.8	1.1	14.7	0.0
02	57.2	34.3	45.7	3.9	3.1	3.4	14.6	8.9	3.9	0.9	0.0	0.0	273.6	323.8	402.9	539.8	0.0	0.0	21.0	0.2	11.7	0.0
03	63.3	40.0	51.7	3.9	3.2	3.4	65.3	45.7	24.3	5.9	0.4	0.1	169.0	211.4	283.0	419.6	0.0	0.0	28.5	0.0	5.3	0.0
04	72.8	49.3	61.1	2.1	2.9	2.3	216.4	172.9	117.1	51.3	16.0	8.6	34.9	51.4	85.6	169.9	0.0	0.4	29.8	0.0	0.3	0.0
05	79.2	58.0	68.6	2.7	3.3	2.9	423.3	363.7	279.4	156.2	66.5	42.4	1.7	4.0	12.8	44.6	0.0	2.8	31.0	0.0	0.0	0.0
06	85.6	66.6	76.1	2.2	2.3	2.0	632.9	572.9	483.2	336.2	199.3	149.8	0.0	0.0	0.3	3.3	0.2	8.0	30.0	0.0	0.0	0.0
07	88.6	70.7	79.7	1.7	1.9	1.7	764.0	702.0	609.0	454.0	299.2	238.7	0.0	0.0	0.0	0.0	0.1	13.1	31.0	0.0	0.0	0.0
08	87.2	68.6	77.9	1.5	1.6	1.4	709.8	647.8	554.8	399.9	246.2	187.3	0.0	0.0	0.0	0.0	0.1	9.1	31.0	0.0	0.0	0.0
09	82.5	63.2	72.8	1.8	2.2	1.8	535.4	475.5	386.5	244.1	117.5	77.1	0.0	0.1	1.1	8.8	0.0	1.6	30.0	0.0	0.0	0.0
10	74.6	51.6	63.1	2.1	2.6	2.1	267.7	215.6	146.9	65.2	20.8	11.6	16.6	26.5	50.8	124.1	0.0	0.3	31.0	0.0	0.2	0.0
11	64.9	41.7	53.3	3.6	3.4	3.4	83.2	59.3	32.4	8.0	1.5	0.6	134.1	170.2	233.3	358.9	0.0	0.0	28.4	0.0	4.1	0.0
12	56.9	36.2	46.5	4.3	4.3	4.2	28.3	19.1	9.6	2.0	0.2	0.0	290.2	342.9	426.4	573.9	0.0	0.0	22.5	0.0	11.5	0.0
Summary	72.2	51.1	61.6	2.8	2.8	2.7	3755	3292	2650	1724	968	716	1298	1565	2018	2918	0.4	35.3	334.0	1.3	47.8	0.0

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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	3.85	10.1	7.6	3.3	0.9	2.92	3.60	4.59
02	3.00	7.8	5.3	2.0	0.6	2.06	2.68	3.91
03	3.71	9.6	6.7	3.0	1.0	2.74	3.46	4.19
04	3.30	7.3	5.0	1.8	1.0	2.10	3.32	4.32
05	4.01	8.8	6.1	3.0	1.1	2.09	2.98	5.29
06	6.07	9.0	7.1	3.4	1.4	3.69	5.62	7.82
07	6.09	10.4	8.2	4.2	1.8	4.67	6.54	7.14
08	6.35	10.4	7.3	3.7	1.8	4.93	6.38	7.68
09	5.35	8.7	6.1	2.9	1.3	2.35	4.58	7.05
10	3.58	5.9	3.9	1.7	0.8	1.57	3.02	4.40
11	3.33	6.9	5.0	2.0	0.8	1.89	3.11	4.04
12	3.63	8.4	5.6	2.3	0.9	2.71	3.21	4.24
Summary	52.27	103.3	73.9	33.3	13.4	33.72	48.50	64.67

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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	0.50	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
02	0.30	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
03	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
04	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
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	0.40	0.2	0.1	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
Summary	1.2	0.7	0.4	0.3	0.1	0.0	0.6	0.2	0.1	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	174.9	191.2	372.8	631.5	886.7	1082.8	1228.9	1174.8	985.3	716.1	405.3	237.4
45	94.0	102.2	242.0	482.8	731.6	932.9	1074.0	1019.8	835.4	561.6	272.9	136.3
50	41.6	44.6	137.7	341.0	576.7	782.9	919.0	864.8	685.4	410.4	163.7	67.5
55	14.0	14.6	65.3	216.4	423.3	632.9	764.0	709.8	535.4	267.7	83.2	28.3
60	3.2	3.9	24.3	117.1	279.4	483.2	609.0	554.8	386.5	146.9	32.4	9.6
Growing Degree Units for Corn (Monthly)												
50/86	104.7	120.6	225.0	388.6	574.9	750.5	867.3	826.3	677.1	449.8	245.5	135.1

Growing Degree Units (Accumulated Monthly)												
40	175	366	739	1370	2257	3340	4569	5744	6729	7445	7850	8088
45	94	196	438	921	1653	2586	3660	4679	5515	6076	6349	6486
50	42	86	224	565	1142	1924	2844	3708	4394	4804	4968	5035
55	14	29	94	310	734	1366	2130	2840	3376	3643	3727	3755
60	3	7	31	148	428	911	1520	2075	2461	2608	2641	2650
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	105	225	450	839	1414	2164	3032	3858	4535	4985	5230	5365

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

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