

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 3770 ft. Lat: 36.1617° N Lon: 81.8742° W

Station: **BANNER ELK, NC US USC00310506**

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	40.3	22.1	31.2	4.2	4.3	4.1	0.4	0.1	0.0	0.0	0.0	0.0	738.1	799.8	892.7	1047.6	0.0	0.0	8.2	6.5	25.2	1.3
02	43.5	24.3	33.9	4.7	4.2	4.3	0.7	0.3	0.1	0.0	0.0	0.0	591.5	647.1	730.8	870.8	0.0	0.0	10.2	5.0	22.4	0.4
03	50.4	30.4	40.4	5.0	3.5	4.1	5.8	2.7	0.7	0.0	0.0	0.0	458.3	517.2	608.2	762.6	0.0	0.0	18.5	2.5	18.9	0.2
04	60.4	38.6	49.5	3.2	3.0	2.9	38.4	22.5	7.5	0.5	0.0	0.0	203.4	247.5	322.5	465.5	0.0	0.0	25.6	0.1	9.4	0.0
05	67.9	47.4	57.7	3.0	3.2	2.8	140.9	101.2	53.4	8.3	0.1	0.0	58.7	81.0	126.3	236.2	0.0	0.0	30.2	0.0	1.4	0.0
06	74.0	55.5	64.8	2.8	1.5	1.8	295.9	239.5	159.5	51.9	4.4	0.8	3.5	7.1	17.1	59.4	0.0	0.0	30.0	0.0	0.0	0.0
07	76.9	58.7	67.8	2.2	1.9	1.8	396.8	335.0	243.4	103.2	14.3	3.2	0.0	0.2	1.6	16.4	0.0	0.0	31.0	0.0	0.0	0.0
08	76.3	57.3	66.8	2.7	2.0	2.0	365.9	304.2	213.0	80.1	10.3	2.5	0.1	0.5	2.3	24.4	0.0	0.0	31.0	0.0	0.0	0.0
09	71.3	51.5	61.4	2.9	2.6	2.3	208.5	159.0	94.1	22.0	0.7	0.1	16.6	27.1	52.2	130.1	0.0	0.0	30.0	0.0	0.5	0.0
10	62.0	40.1	51.1	2.3	3.0	2.2	44.5	27.2	11.8	1.6	0.0	0.0	166.9	211.7	289.2	434.0	0.0	0.0	28.6	0.2	7.4	0.0
11	52.3	30.8	41.5	4.6	3.2	3.6	5.8	2.6	0.4	0.0	0.0	0.0	409.2	466.1	553.8	703.4	0.0	0.0	19.6	0.9	18.4	0.0
12	43.9	25.5	34.7	4.8	4.7	4.6	1.2	0.5	0.1	0.0	0.0	0.0	630.5	691.8	784.3	939.3	0.0	0.0	12.3	4.5	22.9	0.3
Summary	59.9	40.2	50.1	3.5	3.1	3.0	1505	1195	784	268	30	7	3277	3697	4381	5690	0.0	0.0	275.2	19.7	126.5	2.2

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 3770 ft. Lat: 36.1617° N Lon: 81.8742° W
Station: **BANNER ELK, NC US USC00310506**

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

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	4.62	13.9	8.6	2.4	1.0	3.13	4.62	5.20
02	3.70	11.3	7.7	2.4	0.4	2.77	3.59	4.30
03	4.87	13.1	8.5	2.4	0.9	3.35	4.98	5.71
04	4.83	12.3	8.6	3.1	1.1	3.59	4.61	6.23
05	5.13	13.8	9.9	3.0	0.9	2.89	4.34	6.33
06	5.12	14.3	10.2	3.8	1.3	4.00	4.44	6.53
07	5.68	15.3	10.8	4.4	1.5	4.29	5.24	6.31
08	4.31	14.1	8.7	2.9	1.1	2.69	3.94	6.09
09	4.55	11.5	7.7	2.9	1.2	2.39	3.54	5.54
10	3.41	9.3	6.1	2.1	0.8	1.92	2.59	4.74
11	3.30	9.8	6.5	1.7	0.8	2.00	3.44	4.50
12	4.25	13.2	8.6	2.6	1.0	3.17	3.96	5.07
Summary	53.77	151.9	101.9	33.7	12.0	36.19	49.29	66.55

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Current Location: Elev: 3770 ft. Lat: 36.1617° N Lon: 81.8742° W
Station: **BANNER ELK, NC US USC00310506**

Summary of Monthly Normals
1991-2020
Generated on 06/04/2024

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	6.90	5.7	3.8	1.3	0.4	0.0					2.90	5.80	9.70
02	11.40	4.2	3.1	1.4	0.5	0.0					3.70	7.50	15.90
03	4.80	2.9	2.2	0.8	0.3	0.0					1.30	3.60	8.00
04	0.80	0.9	0.7	0.3	0.1	0.0					0.00	0.00	1.00
05	0.00	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					0.00	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	0.10	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	1.60	1.0	0.7	0.1	0.0	0.0					0.00	0.20	2.50
12	5.80	4.4	2.7	0.9	0.5	0.2					1.50	4.50	7.80
Summary	31.4	19.3	13.3	4.8	1.8	0.2	0.0	0.0	0.0	0.0	9.4	21.6	44.9

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 3770 ft. Lat: 36.1617° N Lon: 81.8742° W
Station: **BANNER ELK, NC US USC00310506**

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	35.5	45.6	131.0	307.7	548.0	742.4	861.7	830.7	641.9	355.6	137.0	59.5
45	10.8	16.6	62.5	189.4	398.2	592.4	706.7	675.7	492.7	222.6	63.8	23.5
50	1.9	4.7	23.1	97.8	259.5	442.7	551.7	520.7	346.4	116.3	23.3	6.3
55	0.4	0.7	5.8	38.4	140.9	295.9	396.8	365.9	208.5	44.5	5.8	1.2
60	0.0	0.1	0.7	7.5	53.4	159.5	243.4	213.0	94.1	11.8	0.4	0.1
Growing Degree Units for Corn (Monthly)												
50/86	17.0	28.1	78.6	178.0	311.0	452.6	553.6	523.9	377.4	206.4	84.3	29.2

Growing Degree Units (Accumulated Monthly)												
40	36	81	212	520	1068	1810	2672	3503	4144	4500	4637	4697
45	11	27	90	279	678	1270	1977	2652	3145	3368	3431	3455
50	2	7	30	128	387	830	1381	1902	2248	2365	2388	2394
55	0	1	7	45	186	482	879	1245	1453	1498	1504	1505
60	0	0	1	8	62	221	465	678	772	784	784	784
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	45	124	302	613	1065	1619	2143	2520	2727	2811	2840

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.