

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 3850 ft. Lat: 35.0564° N Lon: 83.1983° W

Station: HIGHLANDS, NC US USC00314055

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	42.3	23.9	33.1	3.1	4.1	3.4	0.1	0.0	0.0	0.0	0.0	0.0	679.0	740.9	833.8	988.8	0.0	0.0	7.7	4.8	24.1	0.5
02	46.4	26.3	36.3	3.7	4.0	3.7	0.8	0.3	0.0	0.0	0.0	0.0	523.0	578.5	662.2	802.2	0.0	0.0	11.7	2.2	20.6	0.2
03	53.7	31.7	42.7	4.2	3.6	3.7	6.9	3.2	0.5	0.0	0.0	0.0	388.2	446.5	536.8	691.3	0.0	0.0	21.5	0.9	16.1	0.0
04	62.1	38.6	50.3	2.7	2.8	2.5	37.9	22.7	8.5	0.6	0.0	0.0	177.4	222.2	298.0	440.1	0.0	0.0	27.2	0.0	7.5	0.0
05	69.3	46.8	58.0	2.1	3.0	2.3	139.6	98.5	49.2	8.1	0.3	0.0	45.0	65.9	109.7	223.6	0.0	0.0	30.8	0.0	1.0	0.0
06	74.8	54.2	64.5	2.7	1.7	1.9	287.9	231.2	151.6	46.9	4.5	1.1	2.9	6.2	16.6	61.9	0.0	0.0	30.0	0.0	0.0	0.0
07	77.7	57.7	67.7	2.2	1.4	1.5	393.7	331.7	239.6	97.7	12.2	3.1	0.0	0.1	0.9	14.0	0.0	0.1	31.0	0.0	0.0	0.0
08	76.1	56.7	66.4	2.6	1.8	1.9	353.4	291.7	200.9	72.4	9.5	3.4	0.0	0.3	2.5	29.0	0.0	0.0	31.0	0.0	0.0	0.0
09	71.4	51.1	61.3	2.5	2.5	2.0	200.6	150.6	84.9	15.8	0.2	0.0	13.1	23.1	47.4	128.3	0.0	0.0	30.0	0.0	0.2	0.0
10	62.5	40.8	51.7	1.8	2.8	2.1	42.8	24.9	9.2	0.8	0.0	0.0	146.6	190.7	268.1	414.6	0.0	0.0	29.7	0.1	5.8	0.0
11	53.1	31.6	42.4	3.6	3.2	3.2	4.0	1.4	0.1	0.0	0.0	0.0	383.5	440.9	529.6	679.5	0.0	0.0	21.2	0.3	17.1	0.0
12	45.1	27.1	36.1	4.3	4.4	4.3	0.5	0.2	0.0	0.0	0.0	0.0	586.4	648.1	740.9	895.9	0.0	0.0	10.9	2.6	22.5	0.0
Summary	61.2	40.5	50.9	3.0	2.9	2.7	1468	1156	744	242	27	8	2945	3363	4046	5369	0.0	0.1	282.7	10.9	114.9	0.7

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	7.99	13.9	8.6	4.8	2.5	5.03	7.50	9.80	
02	6.90	13.7	8.4	4.3	2.3	4.61	5.88	8.50	
03	7.60	13.9	9.2	5.0	2.7	5.74	7.18	9.05	
04	6.98	12.2	8.7	4.5	2.2	5.10	6.64	9.13	
05	6.60	13.9	8.8	4.1	2.1	3.66	5.80	7.96	
06	7.16	15.4	10.2	4.6	2.0	4.46	7.82	8.55	
07	7.09	16.9	11.0	4.1	1.9	4.35	5.52	8.86	
08	7.10	15.8	9.8	4.3	2.1	3.98	6.01	9.77	
09	7.98	11.8	7.8	4.3	2.5	4.56	6.66	9.46	
10	6.47	10.4	6.2	3.5	1.9	3.01	6.08	8.14	
11	7.76	11.1	7.4	4.7	2.8	5.00	7.51	9.75	
12	8.65	14.1	9.1	5.4	2.7	6.25	7.72	10.57	
Summary	88.28	163.1	105.2	53.6	27.7	55.75	80.32	109.54	

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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	2.60	1.1	0.6	0.4	0.2	0.0	2.8	1.5	0.9	0.5	0.00	0.20	2.80
02	2.00	1.1	0.7	0.2	0.0	0.0	1.5	0.4	0.1	0.0	0.00	0.00	3.50
03	1.80	0.9	0.5	0.2	0.1	0.0	1.2	0.6	0.4	0.3	0.00	0.00	1.00
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	0.20	0.1	0.1	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	0.10	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	3.50	1.6	1.0	0.4	0.2	0.0	1.8	0.9	0.8	0.0	0.00	0.00	5.90
Summary	10.2	5.0	2.9	1.2	0.5	0.0	7.4	3.4	2.2	0.8	0.0	0.2	13.2

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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	37.2	51.9	159.8	323.2	560.2	735.0	858.6	818.3	637.4	369.1	137.9	57.9
45	11.7	17.4	76.9	198.9	407.9	585.0	703.6	663.3	487.5	231.9	61.7	20.8
50	2.0	4.4	28.6	100.4	263.6	435.3	548.6	508.4	339.7	118.8	19.8	4.7
55	0.1	0.8	6.9	37.9	139.6	287.9	393.7	353.4	200.6	42.8	4.0	0.5
60	0.0	0.0	0.5	8.5	49.2	151.6	239.6	200.9	84.9	9.2	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	14.6	29.9	97.7	192.3	323.8	446.1	549.2	511.0	370.8	208.5	80.4	24.5

Growing Degree Units (Accumulated Monthly)												
40	37	89	249	572	1132	1867	2726	3544	4182	4551	4689	4746
45	12	29	106	305	713	1298	2001	2665	3152	3384	3446	3467
50	2	6	35	135	399	834	1383	1891	2231	2350	2370	2374
55	0	1	8	46	185	473	867	1220	1421	1464	1468	1468
60	0	0	0	9	58	210	449	650	735	744	744	744
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	44	142	334	658	1104	1654	2165	2535	2744	2824	2849

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

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