

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1625 ft. Lat: 34.7683° N Lon: 83.2544° W
Station: **LONG CREEK, SC US USC00385278**

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	50.2	30.0	40.1	3.3	3.9	3.4	3.4	1.6	0.3	0.0	0.0	0.0	465.1	525.3	617.0	771.8	0.0	0.0	16.4	1.3	19.1	0.0
02	53.6	32.4	43.0	3.8	4.1	3.7	9.6	5.2	1.8	0.1	0.0	0.0	345.5	397.2	477.7	616.1	0.0	0.0	19.1	0.6	15.1	0.1
03	61.1	38.2	49.7	3.9	4.3	3.9	47.4	31.7	15.7	2.9	0.2	0.1	213.2	259.5	336.5	478.7	0.0	0.0	26.4	0.1	9.6	0.0
04	69.7	45.8	57.8	2.2	3.0	2.4	139.7	103.4	60.0	16.7	2.1	0.6	57.3	80.9	127.5	234.2	0.0	0.0	29.6	0.0	2.0	0.0
05	76.1	54.3	65.2	2.7	3.5	2.8	325.7	270.1	192.2	85.7	21.3	9.4	9.5	15.9	31.0	79.5	0.0	0.3	30.9	0.0	0.0	0.0
06	81.8	61.7	71.8	3.1	2.0	2.4	502.6	442.8	353.8	211.4	88.6	51.1	0.2	0.4	1.4	8.9	0.0	2.7	30.0	0.0	0.0	0.0
07	85.1	65.0	75.0	1.9	1.9	1.7	621.4	559.4	466.4	311.8	161.1	106.0	0.0	0.0	0.0	0.3	0.0	5.3	31.0	0.0	0.0	0.0
08	83.7	64.1	73.9	2.6	2.2	2.0	585.8	523.8	430.8	276.6	131.9	83.6	0.0	0.0	0.0	0.8	0.0	2.5	31.0	0.0	0.0	0.0
09	78.6	58.3	68.4	3.0	2.8	2.6	404.5	346.4	262.3	138.0	48.8	25.6	1.2	3.1	8.9	34.5	0.0	0.7	30.0	0.0	0.0	0.0
10	69.9	46.9	58.4	2.4	4.2	2.9	153.1	113.6	66.3	21.1	5.4	2.9	47.6	70.1	115.8	225.6	0.0	0.2	30.7	0.0	1.4	0.0
11	60.9	38.2	49.6	3.2	3.3	2.8	31.2	19.4	8.2	0.9	0.0	0.0	194.7	242.8	321.6	464.4	0.0	0.0	27.3	0.0	9.2	0.0
12	53.2	32.3	42.8	3.9	4.2	3.9	6.7	3.5	0.7	0.0	0.0	0.0	386.3	445.1	535.3	689.7	0.0	0.0	21.7	0.1	17.2	0.0
Summary	68.7	47.3	58.0	3.0	3.3	2.9	2831	2421	1858	1065	459	279	1721	2040	2573	3605	0.0	11.7	324.1	2.1	73.6	0.1

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	5.91	9.9	7.6	4.4	2.3	4.21	5.62	7.48	
02	5.25	9.2	6.7	3.5	1.6	3.32	5.10	6.85	
03	5.61	11.8	8.6	4.1	2.0	4.02	5.50	6.80	
04	5.23	10.0	7.5	3.6	1.8	3.40	5.01	7.06	
05	4.95	10.7	7.4	3.2	1.6	2.91	4.75	6.55	
06	5.53	11.9	8.6	3.2	1.6	3.75	5.07	7.03	
07	4.96	11.5	8.1	3.4	1.2	3.88	4.51	5.45	
08	5.95	11.5	7.9	3.2	1.5	3.79	4.92	8.47	
09	4.89	8.7	6.7	3.4	2.0	2.37	4.21	6.37	
10	4.80	7.7	5.6	2.5	1.5	2.67	4.19	6.48	
11	5.13	7.8	6.2	2.8	1.6	3.50	4.91	6.60	
12	6.17	10.8	8.9	4.7	2.3	3.73	5.55	7.43	
Summary	64.38	121.5	89.8	42.0	21.0	41.55	59.34	82.57	

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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	0.4	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
02	1.30	0.4	0.3	0.2	0.2	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
03	0.60	0.2	0.1	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
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	0.00	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	0.0	0.0	0.3	0.2	0.0	0.0	0.00	0.00	0.00
Summary	2.8	1.2	0.6	0.5	0.4	0.0	0.9	0.5	0.0	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	110.0	145.7	319.2	533.4	781.2	952.4	1086.4	1050.8	853.4	571.0	299.0	143.6
45	49.0	73.0	199.5	388.2	626.6	802.4	931.4	895.8	703.4	418.6	175.7	67.7
50	16.8	30.4	107.9	252.9	473.0	652.4	776.4	740.8	553.5	275.3	84.1	25.4
55	3.4	9.6	47.4	139.7	325.7	502.6	621.4	585.8	404.5	153.1	31.2	6.7
60	0.3	1.8	15.7	60.0	192.2	353.8	466.4	430.8	262.3	66.3	8.2	0.7
Growing Degree Units for Corn (Monthly)												
50/86	61.2	88.2	191.6	320.5	495.2	645.5	756.2	726.2	558.6	344.1	177.0	81.9

Growing Degree Units (Accumulated Monthly)												
40	110	256	575	1108	1890	2842	3928	4979	5832	6404	6702	6846
45	49	122	322	710	1336	2139	3070	3966	4669	5088	5264	5331
50	17	47	155	408	881	1533	2310	3051	3604	3879	3964	3989
55	3	13	60	200	526	1028	1650	2236	2640	2793	2824	2831
60	0	2	18	78	270	624	1090	1521	1783	1850	1858	1858
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	61	149	341	662	1157	1802	2558	3285	3843	4187	4364	4446

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