

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 185 ft. Lat: 33.4889° N Lon: 80.8742° W
Station: **ORANGEBURG 2, SC US USC00386527**

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	59.6	36.6	48.1	3.5	3.7	3.4	39.4	26.8	13.8	3.1	0.3	0.1	253.2	302.6	382.6	526.9	0.0	0.0	25.1	0.2	13.7	0.0
02	63.2	39.6	51.4	4.1	3.6	3.6	58.2	41.5	23.0	6.6	1.0	0.3	158.9	198.3	263.8	387.3	0.0	0.0	24.8	0.1	8.3	0.0
03	70.2	45.6	57.9	3.9	3.8	3.6	163.1	126.3	80.0	29.2	6.0	2.2	73.2	98.4	145.1	249.3	0.0	0.0	29.9	0.0	3.7	0.0
04	77.8	52.4	65.1	2.4	2.9	2.4	312.4	259.0	185.7	90.0	29.3	16.0	9.4	15.9	32.6	87.0	0.0	1.2	30.0	0.0	0.2	0.0
05	84.8	60.5	72.7	2.5	2.9	2.4	547.5	485.9	394.5	250.6	127.3	87.5	0.4	0.7	2.3	13.5	0.2	7.3	31.0	0.0	0.0	0.0
06	90.4	68.2	79.3	2.9	1.5	2.0	729.0	669.0	579.0	429.2	281.7	225.0	0.0	0.0	0.0	0.3	0.9	17.3	30.0	0.0	0.0	0.0
07	92.9	71.5	82.2	2.2	1.1	1.4	843.2	781.2	688.2	533.1	378.2	316.3	0.0	0.0	0.0	0.0	1.6	24.0	31.0	0.0	0.0	0.0
08	91.7	71.2	81.4	2.4	1.8	1.8	819.9	757.9	664.9	509.9	355.4	293.9	0.0	0.0	0.0	0.0	1.4	21.4	31.0	0.0	0.0	0.0
09	86.9	65.6	76.2	2.3	2.0	1.9	637.4	577.5	487.8	341.2	204.2	154.5	0.0	0.0	0.4	3.8	0.1	12.0	30.0	0.0	0.0	0.0
10	78.6	54.1	66.4	2.4	3.4	2.5	360.8	304.3	225.5	117.2	46.0	28.5	8.9	14.5	28.7	75.4	0.0	1.9	31.0	0.0	0.4	0.0
11	69.0	43.6	56.3	3.6	3.1	3.1	122.1	92.2	56.8	20.9	4.6	2.1	83.0	113.2	167.8	281.8	0.0	0.0	29.4	0.0	5.2	0.0
12	61.7	38.4	50.0	4.6	4.8	4.5	52.5	37.6	21.6	6.2	1.1	0.5	205.9	252.9	329.9	469.6	0.0	0.0	26.7	0.0	11.4	0.0
Summary	77.2	53.9	65.6	3.1	2.9	2.7	4686	4159	3421	2337	1435	1127	793	997	1353	2095	4.2	85.1	349.9	0.3	42.9	0.0

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	3.96	10.2	7.1	3.0	1.0	2.31	3.61	4.77
02	3.86	9.6	6.3	2.8	1.1	2.20	3.70	4.82
03	3.89	9.4	6.2	2.8	1.2	2.37	3.45	5.01
04	3.29	8.2	5.5	2.4	1.0	2.18	3.15	4.37
05	4.04	8.9	6.0	2.8	1.2	2.37	3.47	6.37
06	5.47	11.0	7.7	3.6	1.5	3.71	5.82	6.64
07	5.80	11.0	7.8	3.6	1.9	3.75	5.54	6.99
08	5.29	11.1	7.6	3.6	1.5	3.25	4.98	6.04
09	4.49	8.5	6.0	2.4	1.1	2.69	4.49	5.39
10	3.52	7.6	4.9	1.9	0.8	1.34	3.18	4.48
11	3.09	7.5	4.5	2.0	1.0	1.47	2.83	4.38
12	3.78	10.0	6.5	2.7	1.1	2.26	3.46	4.72
Summary	50.48	113.0	76.1	33.6	14.4	29.90	47.68	63.98

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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	0.10	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
02	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
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	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	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	278.4	327.9	556.8	753.0	1012.1	1179.0	1308.2	1284.9	1087.5	816.8	490.3	324.2
45	166.4	210.8	408.6	603.1	857.1	1029.0	1153.2	1129.9	937.4	662.0	346.3	200.0
50	87.2	119.1	273.6	454.6	702.1	879.0	998.2	974.9	787.4	508.7	219.3	109.1
55	39.4	58.2	163.1	312.4	547.5	729.0	843.2	819.9	637.4	360.8	122.1	52.5
60	13.8	23.0	80.0	185.7	394.5	579.0	688.2	664.9	487.8	225.5	56.8	21.6
Growing Degree Units for Corn (Monthly)												
50/86	174.1	203.2	345.4	481.6	674.4	800.9	888.3	879.6	742.4	530.7	310.7	201.1

Growing Degree Units (Accumulated Monthly)												
40	278	606	1163	1916	2928	4107	5415	6700	7788	8605	9095	9419
45	166	377	786	1389	2246	3275	4428	5558	6496	7158	7504	7704
50	87	206	480	934	1637	2516	3514	4489	5276	5785	6004	6113
55	39	98	261	573	1121	1850	2693	3513	4150	4511	4633	4686
60	14	37	117	302	697	1276	1964	2629	3117	3342	3399	3421
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	174	377	723	1204	1879	2680	3568	4448	5190	5721	6031	6232

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