

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 2700 ft. Lat: 35.8264° N Lon: 82.1836° W

Station: CELO 2 S, NC US USC00311624

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	44.9	22.7	33.8	3.4	4.3	3.7	0.8	0.3	0.1	0.0	0.0	0.0	657.8	719.4	812.1	967.1	0.0	0.0	13.2	3.7	24.6	0.6
02	48.7	26.0	37.4	4.4	3.2	3.5	2.0	1.2	0.5	0.0	0.0	0.0	496.2	551.4	634.7	774.2	0.0	0.0	14.7	1.7	21.8	0.2
03	55.8	31.8	43.8	5.5	3.5	4.3	16.9	9.9	3.8	0.2	0.0	0.0	364.1	419.1	506.0	657.4	0.0	0.0	23.2	0.5	16.0	0.0
04	65.1	39.6	52.4	3.0	3.1	2.8	70.0	48.1	24.2	4.2	0.1	0.0	149.5	187.6	253.7	383.7	0.0	0.0	28.1	0.0	5.6	0.0
05	71.0	48.4	59.7	2.8	3.4	2.7	180.2	135.9	78.8	20.8	2.5	0.6	34.5	52.2	88.2	185.1	0.0	0.2	30.7	0.0	0.6	0.0
06	76.3	55.5	65.9	2.8	1.8	2.0	330.4	273.3	191.2	76.1	12.0	3.3	3.5	6.4	14.3	49.2	0.0	0.2	30.0	0.0	0.0	0.0
07	79.4	59.3	69.3	2.3	1.7	1.7	444.7	382.8	290.2	144.0	33.9	11.4	0.0	0.1	0.5	9.2	0.0	0.7	31.0	0.0	0.0	0.0
08	78.0	58.3	68.1	2.3	2.0	1.6	407.6	345.8	253.7	112.9	23.9	9.0	0.0	0.2	1.2	15.3	0.0	0.4	31.0	0.0	0.0	0.0
09	73.1	52.1	62.6	2.5	2.9	2.2	237.7	185.6	115.9	33.0	3.3	0.9	9.8	17.7	38.0	105.1	0.0	0.4	30.0	0.0	0.2	0.0
10	64.7	40.9	52.8	2.6	3.6	2.2	60.8	37.7	15.7	2.4	0.3	0.1	128.9	167.9	238.9	380.6	0.0	0.0	29.9	0.0	5.6	0.0
11	55.8	30.6	43.2	4.1	2.9	3.3	9.0	5.0	1.4	0.0	0.0	0.0	362.9	418.9	505.3	653.9	0.0	0.0	23.4	0.1	17.7	0.0
12	48.3	25.9	37.1	4.7	3.9	4.1	2.5	1.3	0.6	0.1	0.0	0.0	557.4	618.2	710.5	864.9	0.0	0.0	15.4	2.2	24.5	0.0
Summary	63.4	40.9	52.2	3.4	3.0	2.8	1763	1427	976	394	76	25	2765	3159	3803	5046	0.0	1.9	300.6	8.2	116.6	0.8

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	5.87	9.7	6.7	3.6	1.9	3.83	5.26	6.28
02	4.64	9.5	6.8	3.2	1.2	3.25	4.33	5.61
03	5.27	11.1	8.3	3.9	1.6	3.75	5.01	6.36
04	5.98	10.6	8.1	3.3	1.7	4.76	5.85	7.55
05	5.90	11.5	8.3	3.6	1.5	2.63	4.67	9.47
06	5.77	12.8	9.8	3.8	1.7	3.83	5.56	6.89
07	5.77	12.3	8.8	3.7	1.4	2.97	5.56	6.58
08	5.62	12.5	9.0	3.4	1.1	3.05	4.25	8.90
09	6.00	9.5	6.9	2.8	1.4	2.35	5.12	7.46
10	4.29	7.0	4.9	2.2	1.2	2.14	3.30	6.97
11	4.52	8.3	5.7	2.9	1.2	2.63	3.94	6.52
12	4.71	9.9	6.9	3.0	1.4	3.48	4.56	5.06
Summary	64.34	124.7	90.2	39.4	17.3	38.67	57.41	83.65

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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	4.20	1.7	1.0	0.5	0.3	0.0	2.5	1.3	0.6	0.2	0.00	2.50	6.50
02	2.30	1.2	0.9	0.2	0.0	0.0	1.8	0.4	0.0	0.0	0.00	1.90	2.90
03	3.30	0.7	0.6	0.2	0.1	0.1	1.2	0.7	0.6	0.3	0.00	0.10	3.10
04	0.50	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1	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	0.20	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	2.20	1.3	0.9	0.4	0.1	0.1	1.4	0.7	0.2	0.0	0.00	0.60	3.20
Summary	12.7	5.3	3.6	1.3	0.5	0.2	7.1	3.2	1.5	0.5	0.0	5.1	15.7

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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	47.4	66.7	188.5	380.5	610.9	776.9	909.7	872.5	677.9	403.3	159.6	76.2
45	17.7	25.5	103.2	251.5	457.7	626.9	754.7	717.6	528.0	263.3	79.5	32.6
50	4.8	7.5	47.1	145.5	310.8	477.4	599.7	562.6	379.6	145.5	31.5	10.7
55	0.8	2.0	16.9	70.0	180.2	330.4	444.7	407.6	237.7	60.8	9.0	2.5
60	0.1	0.5	3.8	24.2	78.8	191.2	290.2	253.7	115.9	15.7	1.4	0.6
Growing Degree Units for Corn (Monthly)												
50/86	34.9	54.0	125.3	238.8	359.7	485.3	598.7	563.6	407.7	243.6	117.4	57.5

Growing Degree Units (Accumulated Monthly)												
40	47	114	303	683	1294	2071	2981	3853	4531	4934	5094	5170
45	18	43	146	398	856	1482	2237	2955	3483	3746	3826	3858
50	5	12	59	205	516	993	1593	2155	2535	2680	2712	2723
55	1	3	20	90	270	600	1045	1453	1690	1751	1760	1763
60	0	1	4	29	107	299	589	842	958	974	976	976
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	35	89	214	453	813	1298	1897	2460	2868	3112	3229	3286

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

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