

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 110 ft. Lat: 35.6939° N Lon: 77.9461° W
Station: WILSON 3 SW, NC US USC00319476

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	52.1	32.7	42.4	3.5	4.0	3.6	16.9	11.4	5.4	1.3	0.1	0.0	407.4	463.8	550.8	701.8	0.0	0.0	18.3	1.5	17.7	0.0
02	55.4	34.3	44.8	4.5	3.5	3.9	19.9	13.7	7.7	2.0	0.2	0.0	304.1	353.8	431.8	566.1	0.0	0.0	19.2	0.5	13.8	0.0
03	62.9	40.4	51.6	3.9	3.6	3.6	73.4	53.8	31.4	9.9	1.4	0.5	177.2	219.6	290.1	423.7	0.0	0.0	27.2	0.0	7.6	0.0
04	72.5	49.2	60.8	2.4	2.4	2.2	213.0	170.5	116.0	50.2	14.2	7.1	37.5	55.0	90.5	174.7	0.0	0.2	29.7	0.0	0.5	0.0
05	79.7	58.3	69.0	2.8	3.5	2.9	435.8	376.3	291.4	168.9	75.8	48.5	1.8	4.3	12.4	44.9	0.0	3.0	31.0	0.0	0.0	0.0
06	86.8	66.9	76.8	2.5	2.7	2.3	655.5	595.5	505.8	358.8	219.5	168.4	0.0	0.0	0.4	3.4	0.1	10.8	30.0	0.0	0.0	0.0
07	90.2	71.1	80.6	2.1	1.9	1.8	795.1	733.0	640.0	485.1	330.5	269.0	0.0	0.0	0.0	0.0	0.6	18.6	31.0	0.0	0.0	0.0
08	88.2	69.7	79.0	2.2	1.9	1.8	742.4	680.4	587.4	432.5	278.4	218.8	0.0	0.0	0.0	0.1	0.3	13.8	31.0	0.0	0.0	0.0
09	82.7	64.0	73.4	2.6	2.2	2.2	550.5	490.7	401.9	260.1	136.8	96.3	0.1	0.4	1.6	9.7	0.1	4.5	30.0	0.0	0.0	0.0
10	73.4	51.6	62.5	2.1	2.9	2.3	254.1	204.7	140.5	62.5	20.4	11.4	21.6	34.2	63.0	140.0	0.0	0.3	31.0	0.0	0.3	0.0
11	63.5	41.1	52.3	3.7	3.2	3.3	71.1	50.7	27.6	7.3	0.9	0.3	152.0	191.6	258.5	388.2	0.0	0.0	27.7	0.0	5.8	0.0
12	55.5	35.4	45.5	4.7	4.1	4.3	26.6	18.4	9.5	2.9	0.7	0.2	322.6	376.4	460.5	608.9	0.0	0.0	21.7	0.2	14.3	0.0
Summary	71.9	51.2	61.6	3.1	3.0	2.9	3854	3399	2765	1842	1079	820	1424	1699	2160	3062	1.1	51.2	327.8	2.2	60.0	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	3.75	11.1	6.9	2.9	0.8	2.68	3.32	4.66	
02	3.04	10.0	6.2	2.3	0.5	2.18	2.52	3.90	
03	4.16	11.2	7.5	3.0	1.0	2.85	4.21	5.24	
04	3.88	9.3	6.7	2.5	0.8	2.34	3.29	4.54	
05	3.92	10.3	6.7	2.7	1.0	2.44	3.71	4.82	
06	4.14	10.0	6.6	2.6	1.3	2.58	3.83	4.95	
07	5.75	11.0	8.3	3.7	1.9	3.98	5.27	6.77	
08	5.33	10.1	7.0	3.4	1.7	2.54	4.45	6.79	
09	6.08	9.4	6.9	3.5	2.0	3.51	4.78	6.94	
10	3.36	8.2	4.5	1.9	1.0	1.71	3.14	4.33	
11	3.29	8.6	5.2	2.2	0.8	1.66	3.07	4.46	
12	3.60	11.0	6.3	2.6	0.7	2.33	3.68	4.77	
Summary	50.30	120.2	78.8	33.3	13.5	30.80	45.27	62.17	

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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	0.80	0.4	0.3	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.10
02	0.40	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
03	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
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	0.60	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
Summary	1.9	1.1	0.7	0.4	0.1	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.1

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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	161.4	180.7	373.1	625.7	899.0	1105.4	1260.1	1207.4	1000.4	697.6	376.0	209.2
45	86.7	101.5	245.2	477.7	744.0	955.4	1105.0	1052.4	850.3	543.3	246.1	116.8
50	41.1	48.9	144.5	337.1	589.1	805.4	950.0	897.4	700.4	393.3	142.3	58.5
55	16.9	19.9	73.4	213.0	435.8	655.5	795.1	742.4	550.5	254.1	71.1	26.6
60	5.4	7.7	31.4	116.0	291.4	505.8	640.0	587.4	401.9	140.5	27.6	9.5
Growing Degree Units for Corn (Monthly)												
50/86	95.1	113.2	223.3	382.7	586.6	762.1	877.0	845.4	685.3	429.8	222.7	121.7
Growing Degree Units (Accumulated Monthly)												
40	161	342	715	1341	2240	3345	4605	5813	6813	7511	7887	8096
45	87	188	433	911	1655	2610	3716	4768	5618	6162	6408	6524
50	41	90	234	572	1161	1966	2916	3814	4514	4907	5050	5108
55	17	37	110	323	759	1414	2210	2952	3502	3757	3828	3854
60	5	13	44	160	452	958	1598	2185	2587	2728	2755	2765
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	95	208	432	814	1401	2163	3040	3885	4571	5000	5223	5345

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