U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Summary of Monthly Normals 1991-2020

Generated on 11/11/2026

Current Location: Elev: 79 ft. Lat: 39.6728° N Lon: 75.6008° W

Station: **WILMINGTON NEW CASTLE CO AP, DE US USW00013781**

Temperature (°F)

Mean							Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	41.4	25.6	33.5	4.4	4.0	4.1	0.8	0.3	0.1	0.0	0.0	0.0	667.2	728.7	821.5	976.3	0.0	0.0	6.9	6.5	23.6	0.0
02	44.1	27.0	35.5	4.9	3.9	4.3	1.6	0.7	0.1	0.0	0.0	0.0	546.1	601.3	684.7	824.5	0.0	0.0	8.0	3.8	21.2	0.0
03	52.5	33.9	43.2	4.0	3.1	3.5	14.0	8.8	4.1	0.8	0.0	0.0	379.8	436.6	524.9	676.5	0.0	0.0	17.6	0.6	14.2	0.0
04	64.2	43.5	53.9	2.5	2.1	2.2	84.4	62.0	36.9	12.5	3.0	1.6	118.9	156.5	221.4	347.0	0.0	0.1	27.8	0.0	2.0	0.0
05	73.5	53.4	63.5	3.2	3.2	3.0	273.9	222.4	154.8	73.6	26.5	15.6	12.0	22.4	47.9	121.7	0.0	1.1	31.0	0.0	0.0	0.0
06	82.2	63.0	72.6	2.0	1.6	1.6	528.2	468.6	380.2	241.0	123.5	86.5	0.2	0.7	2.2	13.1	0.0	3.9	30.0	0.0	0.0	0.0
07	86.8	68.3	77.6	2.6	2.1	2.2	699.0	636.9	543.9	389.0	236.8	181.0	0.0	0.0	0.0	0.1	0.2	9.6	31.0	0.0	0.0	0.0
08	84.9	66.6	75.8	2.2	2.1	2.1	643.2	581.2	488.2	333.8	187.7	136.1	0.0	0.0	0.0	0.6	0.0	5.7	31.0	0.0	0.0	0.0
09	78.5	59.3	68.9	2.6	2.2	2.2	419.1	361.3	278.0	154.9	66.8	42.7	2.1	4.4	11.1	38.0	0.0	1.9	30.0	0.0	0.0	0.0
10	67.0	47.3	57.2	2.5	2.6	2.4	135.3	101.6	62.1	22.5	6.1	3.1	68.6	96.9	150.4	265.8	0.0	0.1	30.5	0.0	0.6	0.0
11	55.9	37.4	46.6	3.6	2.8	3.0	20.4	12.4	4.7	0.4	0.0	0.0	270.9	322.9	405.2	550.9	0.0	0.0	22.2	0.1	9.9	0.0
12	46.0	30.3	38.2	4.1	3.5	3.8	3.3	1.5	0.5	0.0	0.0	0.0	525.6	585.9	677.8	832.3	0.0	0.0	10.6	2.6	20.1	0.0
Summary	64.8	46.3	55.5	3.2	2.8	2.9	2823	2458	1954	1229	650	467	2591	2956	3547	4647	0.2	22.4	276.6	13.6	91.6	0.0

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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	3.23	10.8	5.8	2.2	0.8	2.53	3.18	3.98
02	2.83	10.0	5.6	2.1	0.5	1.96	2.52	3.49
03	4.16	11.2	7.0	3.1	1.1	3.38	4.08	4.83
04	3.51	11.1	6.5	2.1	0.8	2.35	2.88	4.37
05	3.57	11.7	6.7	2.3	0.7	2.40	3.44	4.34
06	4.67	11.0	7.0	3.2	1.4	2.31	3.66	5.03
07	4.41	10.0	6.8	3.2	1.4	3.06	4.20	6.02
08	3.98	8.9	5.7	2.6	1.1	2.50	3.09	5.11
09	4.38	8.8	5.9	2.5	1.3	2.20	4.55	5.94
10	3.68	8.9	5.5	2.6	1.0	2.25	3.24	5.49
11	3.06	8.8	5.6	2.2	0.7	1.95	2.88	4.18
12	3.85	10.6	6.7	3.0	1.0	2.58	3.72	4.79
Summary	45.33	121.8	74.8	31.1	11.8	29.47	41.44	57.57

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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	6.10	3.5	1.4	0.6	0.2	0.2	5.4	2.6	1.5	0.3	1.60	3.50	6.10
02	7.80	3.5	2.0	0.8	0.5	0.1	6.8	3.9	2.5	1.0	1.30	5.00	9.80
03	3.10	1.7	0.9	0.3	0.1	0.0	2.6	1.0	0.5	0.0	0.00	1.20	3.70
04	0.10	0.1	0.1	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	0.20	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	2.90	1.7	0.8	0.2	0.1	0.0	2.1	0.7	0.4	0.1	0.00	0.30	4.10
Summary	20.2	10.7	5.3	2.0	0.9	0.3	16.9	8.2	4.9	1.4	2.9	10.0	23.7

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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	41.6	48.9	165.1	418.3	727.0	977.9	1163.9	1108.1	866.9	531.9	227.1	79.0
45	15.7	19.7	84.7	280.3	572.1	827.9	1008.9	953.1	716.9	380.6	125.1	33.8
50	4.6	6.3	37.5	164.6	418.2	677.9	853.9	798.2	567.1	243.4	57.5	12.1
55	0.8	1.6	14.0	84.4	273.9	528.2	699.0	643.2	419.1	135.3	20.4	3.3
60	0.1	0.1	4.1	36.9	154.8	380.2	543.9	488.2	278.0	62.1	4.7	0.5
Growing Degree Units for Corn (Monthly)												
50/86	21.1	28.1	88.8	230.9	438.7	661.6	812.2	773.2	566.1	301.4	116.1	35.3

Growing Degree Units (Accumulated Monthly)

40	42	90	256	674	1401	2379	3543	4651	5518	6050	6277	6356
45	16	35	120	400	972	1800	2809	3762	4479	4860	4985	5019
50	5	11	48	213	631	1309	2163	2961	3528	3772	3829	3841
55	1	2	16	101	375	903	1602	2245	2664	2800	2820	2823
60	0	0	4	41	196	576	1120	1608	1886	1948	1953	1954
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	21	49	138	369	808	1469	2281	3055	3621	3922	4038	4073

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

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