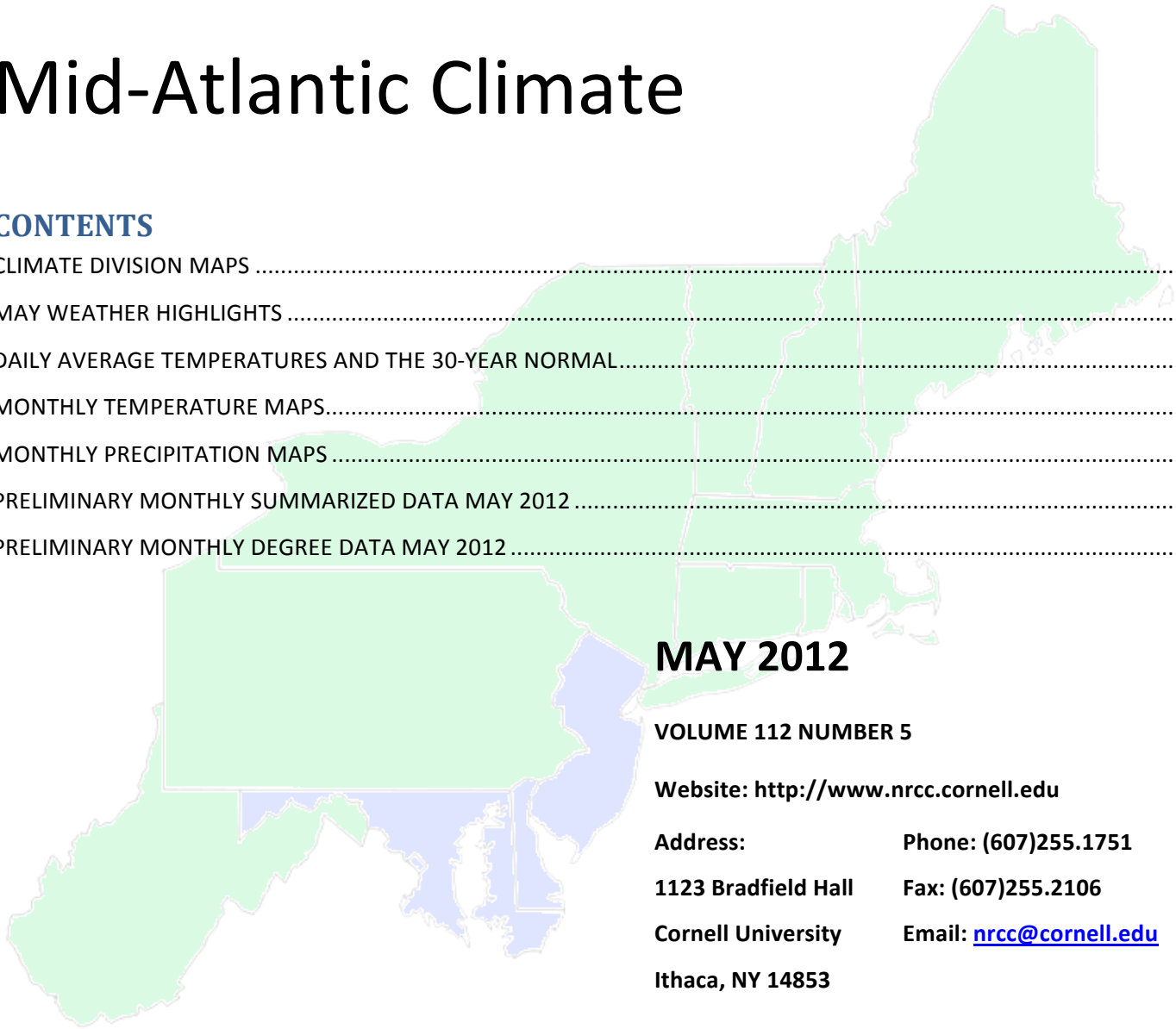


Northeast Regional Climate Center

Mid-Atlantic Climate

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CLIMATE DIVISION MAPS

New Jersey



New Jersey Climate Divisions

- 1 Northern
- 2 Southern
- 3 Coastal

Delaware



Delaware Climate Divisions

- 1 Northern
- 2 Southern

Maryland



Maryland Climate Divisions

- 1 Southeastern Shore
- 2 Central Eastern Shore
- 3 Lower Southern
- 4 Upper Southern
- 5 Northeastern Shore
- 6 Northern Central
- 7 Appalachian Mountain
- 8 Allegheny Plateau

MAY WEATHER HIGHLIGHTS

May was the 16th consecutive month with warmer-than-normal temperatures in the Mid-Atlantic region. The regional average was 66.7 degrees, which was 4.8 degrees above normal and 1.9 degrees warmer than May 2011. It was the warmest May since 2004 and the 3rd warmest May in 118 years. It was also the 3rd warmest May since 1895 in New Jersey and the 4th warmest in Delaware and Maryland. State temperature departures were +4.2 degrees in Delaware, +4.6 degrees in New Jersey, and +5.2 degrees in Maryland. The Maryland Science Center in Baltimore was the warm spot this month, with a high of 98 degrees on the 28th. The coolest reading was 31 degrees, recorded on the 1st at Belvidere Bridge, NJ, on the 11th at Oakland, MD, and on the 11th and 12th at Sines Deep Creek, MD.

Rainfall totals during May varied from 59% of normal in Delaware to 106% of normal in New Jersey (Maryland's total was 84% of normal). Overall, the region averaged 3.66 inches, or 90% of normal, making this the fifth consecutive month with below normal precipitation totals. While May 2012 was drier than normal, this month's total was 0.35 inches more than the amount in May 2011 and it was the wettest May since 2009. The wettest state, New Jersey, was home to the wettest location in the Mid-Atlantic region. Long Branch Oakhurst ended up with a monthly total of 6.35 inches.

While drought conditions improved during the month, the May 29, 2012 U.S. Drought Monitor still indicated moderate (D1) and severe (D2) drought in Delaware, with an area of D1 drought in eastern Maryland. Conditions in New Jersey improved from D1 to abnormally dry (D0).

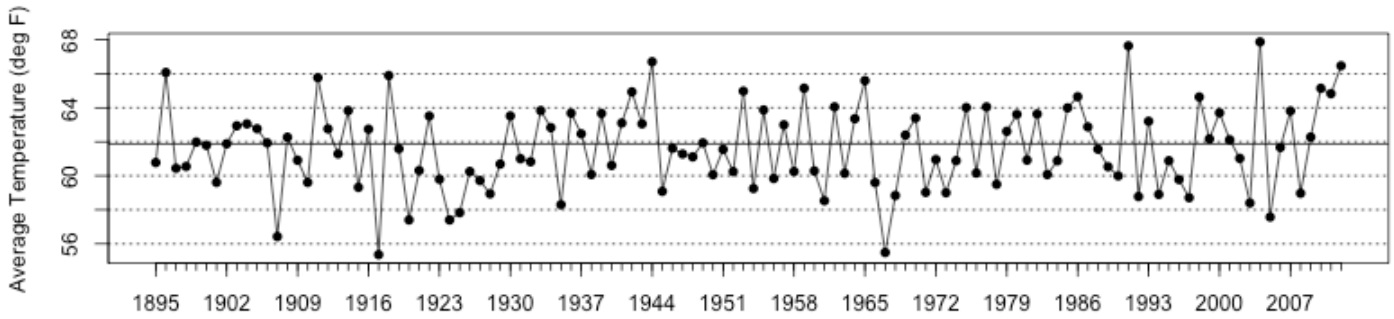
Daily Maximum Temperature Records (°F)

<u>Station</u>	<u>Date</u>	<u>New</u>	<u>Previous</u>
Dulles AP, DC	28	90	90 in 1991

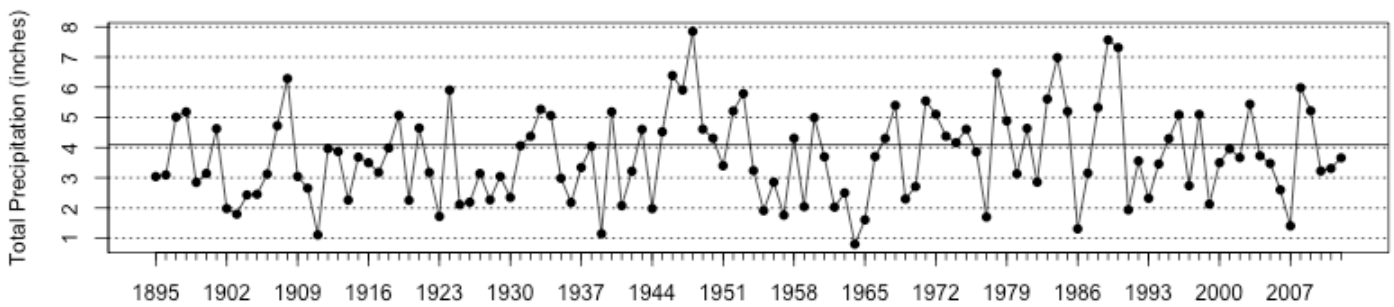
Daily Precipitation Records (inches)

<u>Station</u>	<u>Date</u>	<u>New</u>	<u>Previous</u>
Newark, NJ	21	1.62	1.12 in 1985

Mid Atlantic Average May Temperatures



Mid Atlantic May Precipitation Totals



The 2012 values depicted on these graphs are based on preliminary data.

Anomalous Warmth Continues: May 2012, Spring 2012, and Snow Season 2011/12 Summaries

Dr. David A. Robinson, New Jersey State Climatologist
NJ Agricultural Experiment Station, Rutgers University

There were two major story lines to May weather conditions. First was the warmth, bringing New Jersey its 16th consecutive month of above-average temperatures (and 24 of the past 27 months too). The warmest weather occurred over the Memorial Day weekend, making it feel more like the 4th of July than late May. Second was the near-average rainfall, the first month of 2012 without sub-average totals. Still, the extreme southern portion of the state is in the early stages of drought. Elsewhere, there have been noticeable improvements in all aspects of the water budget, however year-to-date precipitation totals remain multiple inches below average and in some locations ground water and stream flows have yet to get up to average for this time of the year. Reservoirs are in good shape and the vast majority of NJ is in far better hydrologic shape than it was before the April 22nd nor'easter marked the onset of a return to more average conditions.

May temperatures across NJ averaged 65.0°, which is 4.2° above average. This ranks as the 4th warmest May since records commenced in 1895 (Table 1). Statewide temperatures in ten of the past fourteen months have fallen in the top ten warmest of their respective month, a remarkable total when you consider observations go back 117 years (118 for Jan.-May). The first five months of 2012 also comprised the warmest of all such Jan.-May periods on record.

Rank	Year	May Avg. Temp.
1	2004	66.2°
2	1991	66.1°
2	1944	66.1°
4	2012	65.0°
5	1896	64.9°
6	1965	64.4°
7	2010	64.2°
8	1911	64.1°
8	1918	64.1°
10	1942	64.0°
10	2011	64.0°

Table 1. The eleven warmest Mays across New Jersey since 1895.

Temperatures were rather consistently mild throughout May, with about three quarters of the days averaging above normal. Daily minimum temperatures led the way, with maximums not as abnormally high. This was due to frequent cloud cover and showers. The thermometer equaled or exceeded 85° somewhere in the state on six afternoons, all within the last week of the month. Sicklerville (Camden County) and Piney Hollow (Gloucester) reached 85° on the 25th. Haworth (Bergen) got to 89° on the 26th, when three other stations reached 88°. Sicklerville and Piney Hollow again took top honors on the 27th at 88° with seven stations at 87°. The first 90° readings since April 16th arrived on the 28th with Hawthorne (Passaic) and Oswego Lake (Burlington) at 94°. This Memorial Day heat saw another 21 of the 45 stations monitored daily by the State Climate Office warming to between 90° and 93°. The lowest maximum was 78° in Bivalve (Cumberland). The 29th was just a bit hotter, with Hawthorne up to 95° and 28 stations between 90° and 93°. Atlantic City Marina (Atlantic) and Harvey Cedars (Ocean) were the coolest locations at 77°. The 31st saw Berkeley Township (Ocean) top out at 85°.

Six mornings, all in the first three weeks of the month, had low temperatures in the 30°s at two or more locations. The southern half of NJ was coolest on the 7th with Cape May Courthouse (Cape May) and Berkeley Township down to 39°. The 10th saw the northwest valley locations of Walpack (Sussex) and Pequest (Warren) at 38°. Pequest fell to 32° on the 11th, with Walpack at 33°. This coldest May morning saw eight stations between 36°-39°, with West Cape May (Cape May) considerably milder at 56°. Walpack was again at 33° on the 12th, Pequest at 34° and seven stations between 36° and 39°. West Cape May was again mildest at 53°. Walpack and Berkeley Township fell to 35° on the 18th and Walpack, Pequest, and Basking Ridge (Somerset) reached 39° on the 19th. The mildest morning of the month was on the 29th, when thirteen stations were no cooler than 70°-73°, with High Point and High Point Monument in Sussex County coolest at 62°.

Averaging the widely-ranging precipitation totals across NJ during May resulted in an average that cannot be much closer to the 1981-2010 average. The 3.95" that fell was 0.05" below average and was the 43rd wettest of the past 118 years (remembering that monthly precipitation is not statistically normally distributed, with there always being more months below the average than above it). The Warren/western Morris county area was wettest, with Rockaway (Morris) receiving 7.81" and two locations in Liberty Township (Warren) coming in with 7.23" and 6.62". A localized event in central Burlington County on the 24th helped make Southampton Township the 4th wettest location in May at 6.53". On the low end, the Cape May County locations of Middle Township (1.65"), Stone Harbor (1.94"), and Wildwood Crest (2.04") saw the least rain, along with Pitman (Gloucester; 2.04"). Rain fell on at least half of the days of the month in many locations, with some communities receiving measureable rain (0.01" or more) on as many as 21 or 22 days. While localized flash flooding occurred with some of the heavier downpours, there were no reports of significant flood, wind, or lightning damage from the thunderstorms that plagued NJ on many occasions.

The month started with a bang, as early morning thunderstorms on the 1st dumped 1.50" in Ewing (Mercer) and 1.32" at Belmar (Monmouth). Most of the northern two thirds of the state saw at least 0.25". Intervals of rain with some embedded thunderstorms from the 2nd-4th totaled 1.75" in Flemington (Hunterdon) and 1.51" at Paterson (Passaic). Most of northern half of NJ saw about 0.50", tapering down to under 0.10" in Cape May County. Another period of off and on rain from late on the 8th into the morning of the 10th saw the entire state receive 0.50" or more, with the heaviest rain along the coast from Monmouth south to Atlantic counties. Lacey Township (Ocean) was soaked with 2.74", with two Berkeley Township stations coming in with 2.60" and 2.56".

The middle of the month saw "top 10" days of clear skies, mild temperatures, and low humidity on the 12th, 13th, and 17th-19th. However in the midst of this interval an episode of on-and-off rain from the last half of the 14th to the morning of the 16th brought west-central areas over an inch with at least 0.25" having accumulated elsewhere. Liberty Township (Warren) took top honors with 2.49", with Somerville (Somerset) and White Township (Warren) receiving 1.89" in thunderstorms.

The 21st-22nd brought heavy rain to the Monmouth County communities of Ocean Township (2.60"), Eatontown (2.40"), and Asbury Park (2.35"). One inch plus rains extended northward into Bergen County, with the least in the northwest and far south. Showers and thunderstorms returned to the northern half and parts of the southwest of NJ on the 23rd, with 3.04" at Pequest (Warren), 2.32" in East Greenwich (Gloucester), 2.25" in Liberty Township (Warren), and 1.99" at Medford (Burlington). The aforementioned localized storm brought 2.35" to Southampton Township (Burlington) on the 24th, with nearby Chesterfield (Burlington) catching 1.39". Rain from late on the 26th to the morning of the 27th brought 1.11" to both Woodland Township (Burlington) and Bethlehem Township (Hunterdon). Scattered areas in other areas of NJ received 0.50" or more, with no rain falling in the extreme south. The evening of the 29th through the morning of the 30th saw scattered areas in the northern half and in the south from Salem to Cape May counties receive 0.50" or more. Upper Township (Cape May) caught 1.24" and Sussex (Sussex) 1.18".

May was not a particularly windy month, with only three days seeing gusts at or exceeding 40 mph at one or more location. The 10th was the windiest with High Point Monument (Sussex) gusts reaching 44 mph and eight stations up to 30-36 mph. The Monument reached 40 mph on the 11th, with two stations between 30-37 mph. High Point Monument and Wantage (Sussex) gusted to 43 mph on the 29th, when six stations were from 30-35 mph. Linked with the lower winds of this May were rather minor day-to-day pressure gradients. The lowest pressures were on the 10th, at between 29.45"-29.50", with the highest on the 12th between 30.25"-30.30".

Spring Overview

Spring 2012 (March-May) goes into the record book as the warmest on record for the Garden State (Table 2). The average temperature of 55.8° was 4.7° above average. This follows the 3rd hottest summer, 3rd warmest fall, and 4th mildest winter.

Rank	Year	Spring Avg. Temp.
1	2012	55.8°
2	2010	55.3°
3	1921	54.7°
4	1991	54.0°
5	1945	53.9°
6	1977	53.7°
6	2004	53.7°
8	1998	53.5°
9	1903	53.2°
10	1985	53.1°
10	2011	53.1°

Table 2. The eleven warmest March-May intervals across New Jersey since 1895.

It is interesting that amidst this warmth the interval of time between the first and last freeze of the cold season was close to average in most locations. This was the result of a late first freeze on October 28th in most places (a day before the snow storm) and a late last freeze for most locations on one of the last three mornings of April (October 28th-April 30th is 186 days). Each was about two weeks later than average. The longest interval of freezing weather was at Pequest (Warren) with an October 28th first freeze and May 11th last freeze (197 days). The shortest freeze season was at Atlantic City Marina (Atlantic) with a first freeze on December 11th and last on March 10th, making for only a 91 day season. A few other coastal locations had short seasons too, namely Harvey Cedars (Ocean) and Seaside Heights (Ocean), both 108 days from December 11th-March 27th. West Cape May (Cape May) had a 133 day season starting on October 31st and ending early on March 11th. Newark Airport, representing urban areas, had a first freeze on October 31st and last on March 27th, spanning 149 days.

Spring precipitation averaged 8.86" across NJ. This is 3.43" below average and ranks as the 24th driest on record. The wettest locations were in the Highlands, with 12.52" at Rockaway (Morris) and along the northern coast where Ocean Township (Monmouth) received 11.93" and Asbury Park (Monmouth) 11.77". Southern locations were driest, with only 5.82" in Middle Township (Cape May), 6.77" at Wildwood Crest (Cape May), 7.28" in Woolwich Township (Gloucester), and 7.44" in Woodstown (Salem).

Snow Season Recap

For snow lovers, there wasn't any better way to start the snow season in northern and central NJ than the [October 29th storm](#). This brought record-breaking early season snow, totaling as much as 19.1" at Barry Lakes (Sussex). While much lower amounts fell at lower elevations, roads needed plowing and many leaf- and snow-laden trees came down on power lines, automobiles, and homes. Little did we know that this would be the largest storm of the 2011/2012 snow season, making the season one of the lowest ranking on record. At individual stations, the highest totals were not surprisingly in those locations hit hardest in October. Barry Lakes received 31.0" for the season, with Mine Hill (Morris) at 23.8" and Rockaway Township (Morris) with 23.6". On the low end, the

Cape May County communities of Woodbine and Upper Township measured only 0.5" for the season, with Middle Township (Cape May) at 0.9".

Recently, the State Climate Office generated regional monthly and seasonal snow totals back to the winter of 1894/1895. Our Northern region includes the counties of Sussex, Warren, Morris, Passaic, Bergen, Hudson and Essex. The Central region has Hunterdon, Somerset, Mercer, Middlesex, Union and Monmouth. Burlington, Ocean, Camden, Gloucester, Salem, Cumberland, Atlantic and Cape May encompass the Southern region. Table 3 includes the 2011/2012 seasonal and monthly totals for each region and the state as a whole, this past season's ranking (of the past 118 seasons), and the period of record seasonal average (no measureable snow fell in April). The North had the most snow but ranked lowest due to its normally higher average, while the South had the least snow but only ranked 9th lowest.

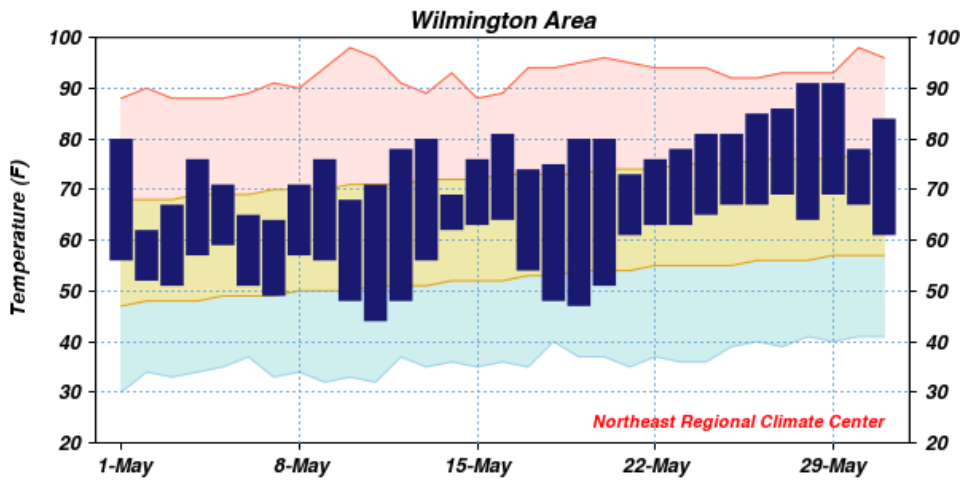
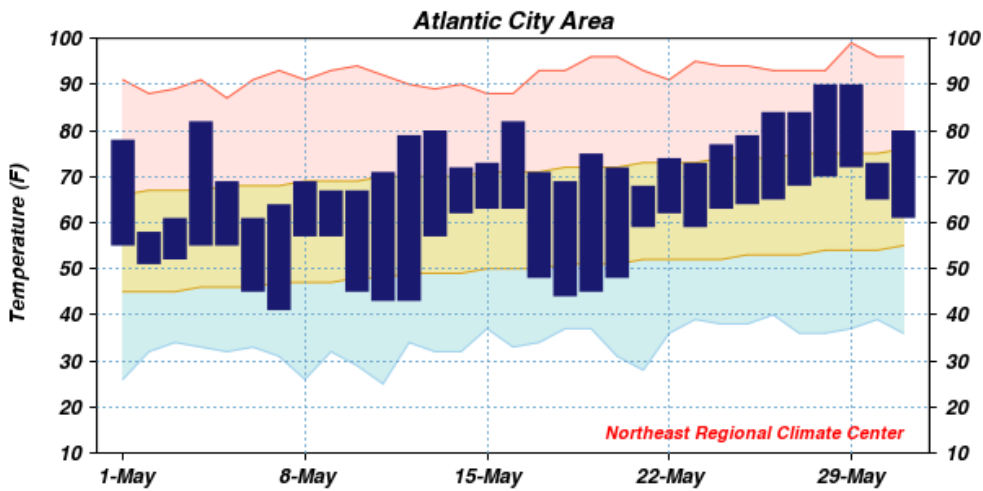
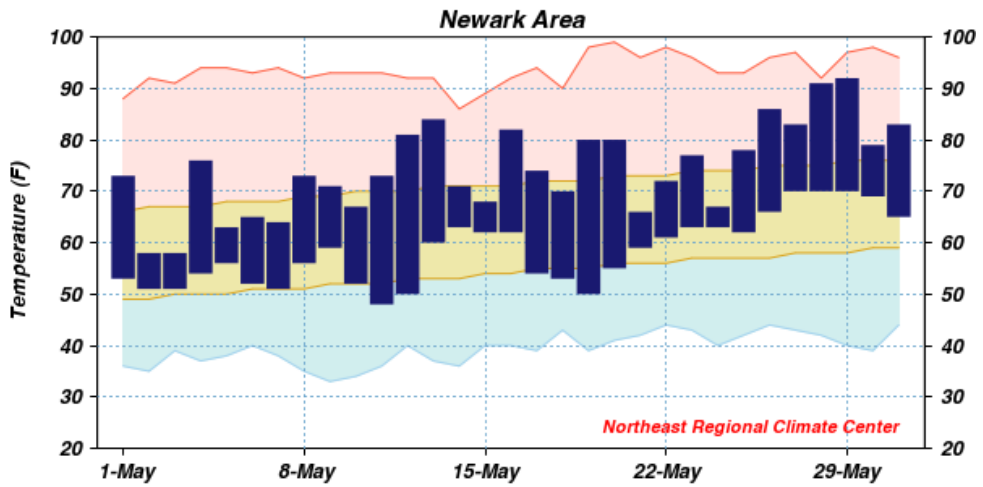
For comparison, annual snowfall statewide has ranged from 3.9" in 1972/73 to 62.8" in 1995/96. The North has ranged from 6.6" in 1918/19 to 84.5" in 1995/96, Central from 3.4" in 1918/19 to 68.4" in 1995/96, and South 0.9" in 1972/73 to 66.5" in 2009/10.

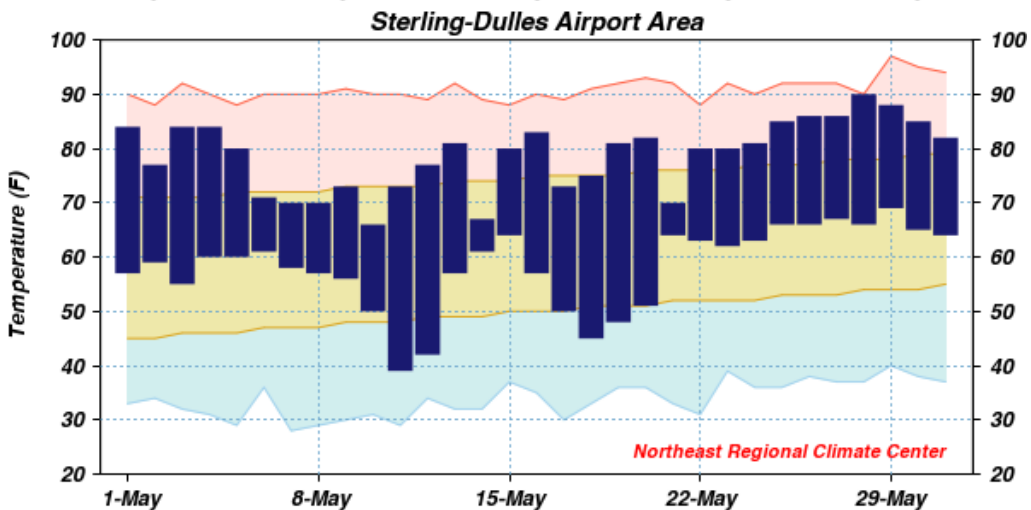
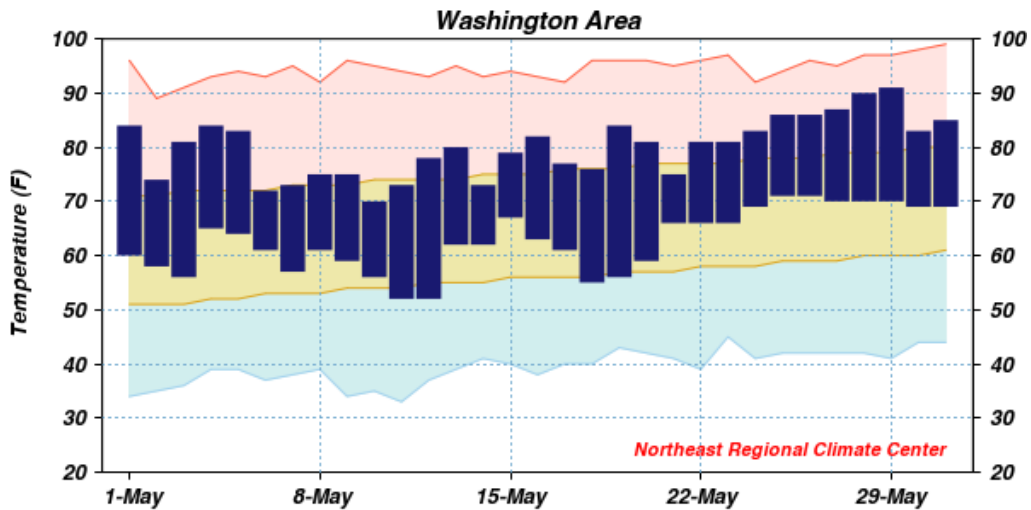
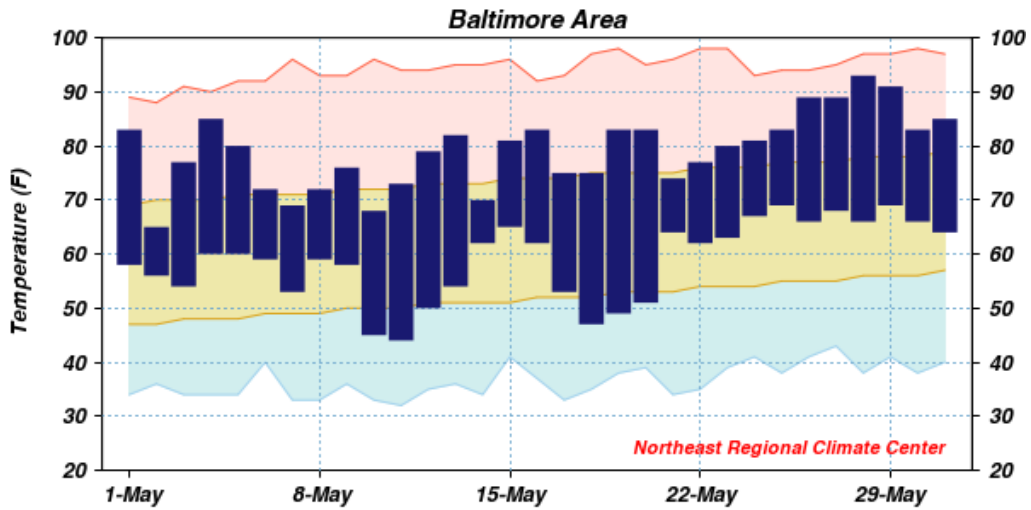
Had the October snowstorm not occurred, the South ranking would have remained the same, while the Central would have fallen to 4th, the North to least snowy, and the state to 3rd least snowy season.

	Total 2011/12	Rank 2011/12	Long- term average	Oct	Nov	Dec	Jan	Feb	Mar
NJ	7.4"	6	26.1"	2.8"	0.0"	0.0"	2.7"	1.8"	0.1"
North	12.1"	5	34.7"	6.7"	0.0"	0.1"	4.1"	1.0"	0.2"
Central	9.1"	7	28.9"	4.0"	0.0"	0.0"	3.0"	2.1"	0.0"
South	4.0"	9	19.9"	0.1"	0.0"	0.0"	1.8"	2.1"	0.0"

Table 3. Seasonal and monthly snowfall totals and rankings (from lowest) for New Jersey and three regions.

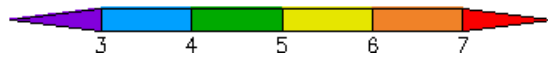
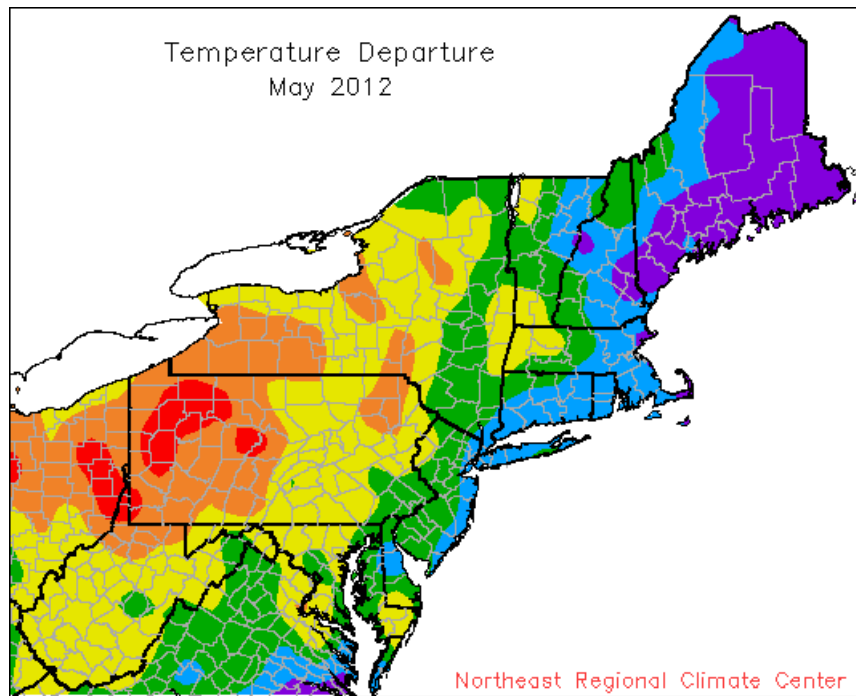
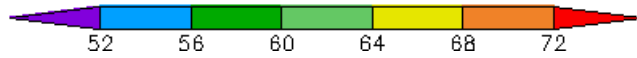
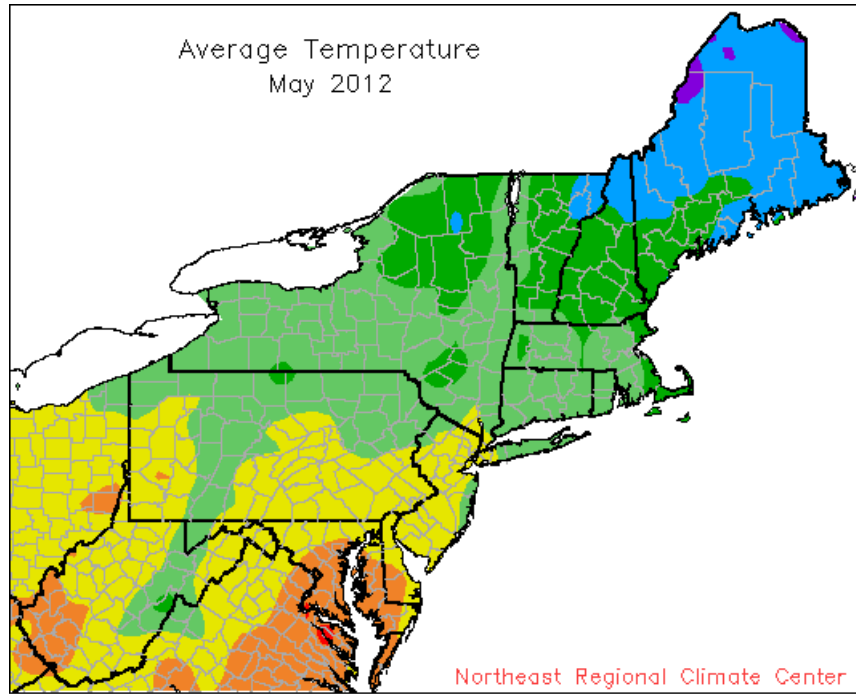
DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL



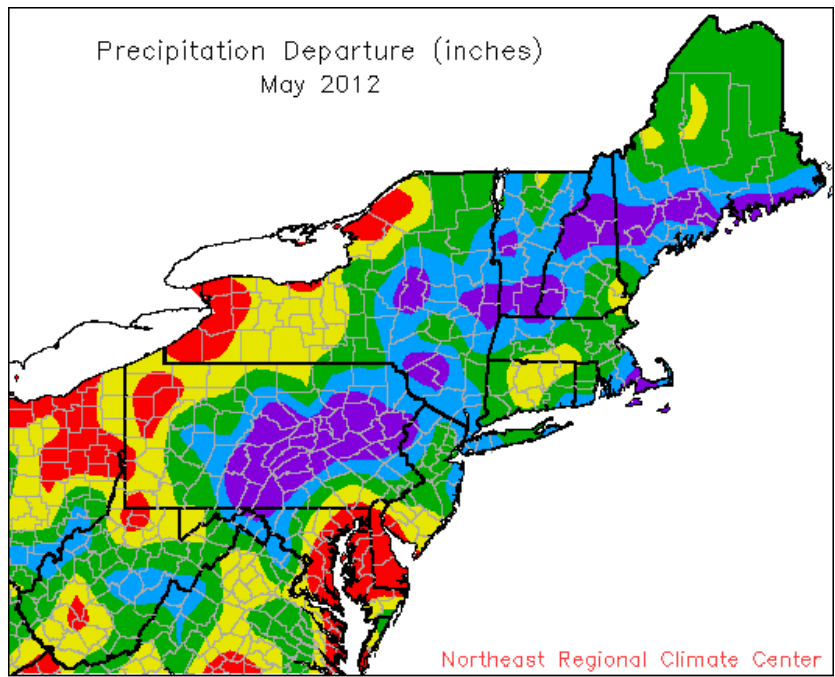
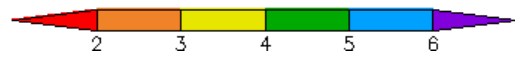
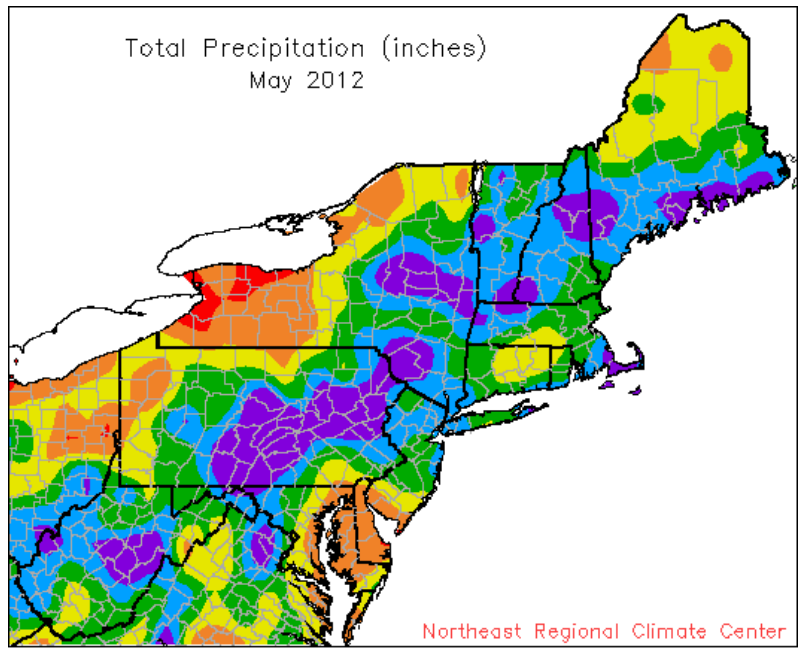


Area between normal max and min temperatures has tan shading.
 Red line connects record high temperatures.
 Light blue line connects record low temperatures.

MONTHLY TEMPERATURE MAPS



MONTHLY PRECIPITATION MAPS



PRELIMINARY MONTHLY SUMMARIZED DATA MAY 2012

STATION	TEMPERATURE (F)								PRECIPITATION (INCHES)											
	MONTHLY AVERAGES				EXTREMES		NUMBER OF DAYS				MONTHLY TOTALS			EXTREMES		SNOWFALL				
	AVG	AVG	MON	DEPRT	MON	MON	MAX	MIN	90+	70-	65+	50-	MON	DEPRT	DAYS	DLY	DAY	MON	DLY	DAY
	MAX	MIN	AVG		MAX	MIN							TOT	DEPRT	0.1+	MAX		TOT	MAX	
-DE: NORTHERN-																				
BEAR 2 SW	76.3	56.2	66.3	4.5	90	29	39	11	1	6	4	8	2.05	-2.09	6	0.63	9			0
WILMINGTON NEW CAS	76.4	57.7	67.0	4.2	91	29+	44	11	2	6	6	6	2.25	-1.70	8	0.54	15			0
WILMINGTON PORTER R	75.9	55.6	65.8	3.4	90	29	42	1	1	9	7	11	3.26	-1.12	9	0.89	14			0
-DIVISION-			66.4	3.7									2.52	-1.63						
-DE: SOUTHERN-																				
DOVER	76.2	58.4	67.3	3.1	90	29+	46	11+	2	6	6	4	2.30	-1.95	6	0.77	30			NM
-DIVISION-			67.3	4.3									2.30	-1.66						
-STATE-			67.1	4.2									2.35	-1.65						0
-MD: SOUTHEASTERN-																				
SALISBURY WICOMICO	79.2	59.0	69.1	6.5	90	29	46	11	1	2	7	6	2.61	-1.01	6	1.15	9			0
SALISBURY 2N *	78.4	59.0	68.7		87	29	45	11+												NM
-DIVISION-			68.9	5.5									2.61	-0.84						
-MD: CENTRAL EAST-																				
ROYAL OAK 2 SSW	78.9	60.6	69.8	4.4	90	28	47	11	1	2	9	4	2.43	-1.76	8	0.63	15			NM
-DIVISION-			69.8	5.1									2.43	-1.60						
-MD: LOWER SOUTHE-																				
SOLOMONS	75.9	62.0	69.0	3.4	89	29	52	11	0	6	12	0	2.62		6	0.68	2			NM
-DIVISION-			69.0	5.6									2.62	-1.54						
-MD: UPPER SOUTHE-																				
BALTIMORE WASH INT	79.2	58.8	69.0	6.1	93	28	44	11	2	4	8	5	1.99	-2.00	7	0.56	21			0
BELTSVILLE	77.9	58.7	68.3	4.9	91	29	43	11	2	5	6	5	2.70	-1.62	6	0.92	15			0
DALECARLIA RSVR	79.4	58.9	69.2	4.1	93	30+	44	11+	2	4	8	6	4.03	-0.41	11	0.78	15			0
LAUREL 3 W	79.2	59.5	69.4	4.4	91	29+	48	11	2	3	8	2	3.69	-0.87	8	0.80	15			0
MD SCI CTR BALTIM*	82.1	64.8	73.5	7.4	98	28	53	11												NM
NATL ARBORETUM DC	80.8	59.4	70.1	4.2	93	29	48	13	5	2	8	5	3.06	-1.22	7	0.93	15			NM
OXON HILL	78.6	58.9	68.7	3.7	91	29	48	13+	1	3	7	5	3.70	-0.66	9	0.95	15			0
UPPER MARLBORO 3 N	78.5	58.5	68.5	5.0	92	29	45	12+	2	2	7	5	2.59	-1.73	9	0.72	15			0
-DIVISION-			69.6	5.7									3.11	-1.27						
-MD: NORTHEASTERN-																				
STEVENSVILLE	75.6	58.8	67.2	3.9	89	29	41	19	0	6	7	3	2.47		6	0.80	15			0
-DIVISION-			67.2	3.7									2.47	-1.73						
-MD: NORTHERN CEN-																				
ABERDEEN PHILLIPS	76.7	58.3	67.5	5.0	91	30+	44	1	2	5	10	6	3.40	-0.55	9	0.67	3			0
CONOWINGO DAM *	76.4	56.3	66.4	2.6	89	30	39	1					2.11	-1.85	6	0.56	9			NM
CYLBURN	73.8	57.4	65.6	3.5	88	30	44	1	0	11	5	5								NM
DAMASCUS 3 SSW	76.2	57.9	67.0	5.3	88	29+	41	11	0	9	5	4	5.67	1.50	8	1.46	23			NM
EMMITSBURG 2 SE	75.5	56.7	66.1	5.4	87	30+	41	1	0	10	4	5	4.89	0.55	9	1.38	22			0
FREDERICK MUNI AP*	80.6	57.7	69.1		91	29+	39	11												NM
FREDERICK 2 NNE	78.7	57.8	68.3	5.8	92	29	43	1	2	5	6	6	4.33	-0.23	8	1.21	15			NM
MILLERS 4 NE	78.0	56.6	67.3	6.5	89	28	43	18+	0	4	4	6	5.12	0.86	10	1.05	15			0
WESTMINSTER	76.5	56.8	66.7	4.4	91	30	41	11	2	9	5	6	3.53	-0.62	9	0.89	15			0
-DIVISION-			67.1	4.8									4.15	-0.18						
-MD: APPALACHIAN -																				
CUMBERLAND 2	80.6	55.4	68.0	4.2	93	27	40	11	5	3	1	9	4.08	0.06	9	1.26	28			NM
FROSTBURG 2	72.8	52.5	62.7	6.1	85	4	38	11	0	10	0	9	5.97	1.09	13	1.34	28			NM
SHARPSBURG 5 S	78.0	54.2	66.1	5.0	90	29	37	11	1	6	1	8	5.95	1.79	10	1.67	22			NM
-DIVISION-			65.6	5.3									5.33	1.07						
-MD: ALLEGHENY PL-																				
OAKLAND 1 SE *	73.6	51.2	62.4	6.3	87	29+	31	11												0
SAVAGE RIVER DAM	73.8	52.8	63.3	5.6	86	30+	37	12+	0	10	0	10	4.54	0.02	12	1.07	28			NM
SINES DEEP CREEK	73.3	48.8	61.1		84	29+	31	12+	0	10	0	13	4.60		13	0.70	15			NM
KITZMILLER 1 W	75.9	54.9	65.4		88	29+	37	11	0	6	1	7								NM
-DIVISION-			63.1	6.3									4.57	-0.16						
-STATE-			67.7	5.2									3.52	-0.66						

STATION	TEMPERATURE (F)									PRECIPITATION (INCHES)									
	MONTHLY AVERAGES				EXTREMES		NUMBER OF DAYS				MONTHLY TOTALS			EXTREMES		SNOWFALL			
	AVG MAX	AVG MIN	MON AVG	DEPRT AVG	MON MAX	DAY MIN	MON MAX	DAY MIN	90+ 70-	65+ 50-	MAX	MIN	MON TOT	DEPRT 0.1+	DAYS	DLY MAX	DAY	MON TOT	DLY MAX
-NJ: NORTHERN-																			
BELVIDERE BRG	73.8	52.6	63.2	3.9	88	29	31	1	0	11	1	13	5.58	1.46	15	1.02	16	NM	
BOONTON 1 SE	74.0	54.8	64.4	4.1	91	30+	37	1	2	11	4	8	5.39	0.92	11	1.50	22	0	
BOUND BROOK 2 W													4.22	0.10	12	1.07	16	NM	
CANOE BROOK	73.1	56.1	64.6	4.6	91	30	42	12	2	12	4	8	5.13	0.75	10	1.02	22	0	
CHARLOTTEBURG RSVR	71.8	53.9	62.8	4.1	89	30	40	12+	0	14	3	12	4.71	0.35	12	0.80	22	0	
CHATHAM 2 W *	74.8	54.0	64.5	4.1	95	30	35	1					5.00	0.69	10	1.15	22	0	
CRANFORD	74.7	56.2	65.4	4.7	93	30	44	11	2	11	4	9	4.65	0.29	10	0.94	21	0	
FLEMINGTON 5 NNW *	75.9	55.7	65.8	6.0	91	30	40	12					4.17	-0.45	11	0.73	16	NM	
HARRISON	73.2	57.2	65.2	2.3	94	30	43	1	2	14	6	4	4.98	0.48	11	1.85	22	NM	
NEWARK INTL AP	74.4	58.4	66.4	3.7	92	29	48	11	2	10	6	3	4.32	0.23	10	1.62	21	0	
PHILLIPSBURG EASTO	76.2	55.1	65.6	5.6	91	30+	35	1	2	7	5	10	5.15		13	0.88	16	NM	
SUSSEX 2 NW *	73.4	52.5	63.0	5.4	90	30+	34	1										0	
WAYNE	74.3	57.3	65.8		93	30	41	1	2	14	5	7	5.30		11	1.19	22	0	
WERTSVILLE 4 NE	73.6	54.8	64.2	4.4	89	30+	37	1	0	11	4	10	4.77	0.38	13	0.80	16	NM	
TOCKS ISLAND	73.7	54.2	63.9		88	30+	39	11+	0	11	4	13						NM	
-DIVISION-			64.6	4.9									4.93	0.56					
-NJ: SOUTHERN-																			
ATLANTIC CITY INTL	73.9	56.0	65.0	3.9	90	29+	41	7	2	10	5	9	3.56	0.21	9	1.12	9	0	
ESTELL MANOR	75.0	56.1	65.6	4.3	90	30	41	12+	1	9	5	7	3.15	-0.48	9	0.82	22	NM	
FREEHOLD MARLBORO*	74.1	55.5	64.8	3.9	91	30	40	11										NM	
HAMMONTON 1 NE	75.9	55.6	65.8	4.2	92	30	34	1	2	9	6	10	4.25	0.74	9	1.00	10	0	
HIGHTSTOWN 2 W	75.5	54.0	64.7	4.0	93	30	34	1	2	8	4	10	4.42	0.32	10	0.90	16	0	
INDIAN MILLS	77.3	55.7	66.5	5.0	91	29+	39	11	2	7	5	9	4.00	-0.02	8	1.18	9	0	
MILLVILLE MUNI AP*	75.7	54.5	65.1	4.1	89	28	41	12										NM	
MOORESTOWN	77.5	56.9	67.2	4.3	92	29	41	2	3	3	6	7	3.14	-1.11	11	0.69	9	NM	
NEW BRUNSWICK 3 SE	74.3	55.9	65.1	4.4	91	30+	41	12	2	9	4	8	4.65	0.46	9	0.91	16	0	
SEABROOK FARMS	76.2	58.6	67.4		92	30	46	11	2	7	6	4	3.16		7	0.88	9	0	
SOMERDALE 4 SW	76.1	55.2	65.6		94	30	40	11	2	9	4	10	3.33	-0.63	9	0.74	9	NM	
TRENTON MERCER CO	76.1	57.8	67.0	5.9	91	29	46	11	2	8	5	5	5.05	0.68	14	0.86	15	NM	
PHILADELPHIA MT HO	75.4	57.2	66.3		92	30+	44	12+	2	8	5	6	4.07		10	0.69	16	0	
-DIVISION-			65.9	4.5									3.89	0.09					
-NJ: COASTAL-																			
ATLANTIC CITY	67.4	58.8	63.1	2.5	89	29	48	1	0	21	7	1	2.55	-0.67	6	0.84	10	0	
BRANT BEACH HVN *	69.6	58.3	63.9	3.7	88	29	48	1					2.51	-0.27	7	0.78	10	NM	
CAPE MAY 2 NW	73.8	57.8	65.8	4.3	88	28	46	7	0	10	5	4	2.28	-1.25	8	0.55	15	0	
LONG BRANCH OAKHUR	69.4	55.0	62.2	2.9	88	30	36	1	0	17	4	10	6.35	2.30	8	1.74	22	NM	
-DIVISION-			63.8	3.5									3.42	-0.07					
-STATE-			65.3	4.6									4.24	0.25					0

*= One to four days of missing temperature data + = This value also occurred on one or more previous dates this month.

All means are for the years 1981-2010. NM = Snowfall is not measured.

These data are considered preliminary, published data from the National Climatic Data Center may differ somewhat from the values shown here.

PRELIMINARY MONTHLY DEGREE DATA MAY 2012

STATION	HEATING DEGREE DAYS (BASE 65)				COOLING DEGREE DAYS (BASE 65)				GROWING DEGREE DAYS (BASE 50)			
	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON
-DE: NORTHERN-												
BEAR 2 SW	63	-92	3990	-1035	109	53	121	57	511	142	771	240
WILMINGTON NEW CAST	51	-84	3889	-915	122	55	139	60	536	138	812	227
WILMINGTON PORTER RS	59	-82			92	30			498	110	727	165
-DE: SOUTHERN-												
DOVER	47	-64			124	36	157	49	542	100	885	197
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	30	-112	3202	-1220	166	99	203	119	601	209	1004	384
-MD: CENTRAL EASTERN SHORE-												
ROYAL OAK 2 SSW	19	-66			173	76	202	84	619	142	1052	294
-MD: LOWER SOUTHERN-												
SOLOMONS	22	-52	3042	-778	152	60	180	68	595	111	1011	259
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	27	-107	3586	-1163	160	90	192	108	598	195	976	366
BELTSVILLE	40	-89	3759	-954	150	70	171	74	575	157	914	281
DALECARLIA RSVR	30	-72			167	63	193	59	602	133	1005	247
LAUREL 3 W	20	-80			162	62	208	85	607	141	1030	309
NATL ARBORETUM DC	16	-68			182	70			631	138		
OXON HILL	31	-63	3472	-790	154	61	192	72	588	123	998	246
UPPER MARLBORO 3 NN	39	-91	3718	-921	154	73	184	82	580	161	942	291
-MD: NORTHEASTERN SHORE-												
STEVENSVILLE	51	-66	3408	-916	127	64	143	71	541	130	886	268
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	56	-82	3953	-739	142	81	156	81	551	161	833	234
CYLBURN	67	-81	3980	-912	91	35	109	42	489	113	775	212
DAMASCUS 3 SSW	42	-116	3996	-1065	111	55	133	60	534	167	857	287
EMMITSBURG 2 SE	64	-111	4429	-942	106	64	115	67	507	169	759	275
FREDERICK 2 NNE	40	-105			147	81	159	83	572	182	884	328
MILLERS 4 NE	37	-139	4065	-1253	114	68	129	73	542	201	863	355
WESTMINSTER	61	-85			123	60			527	142	802	216
-MD: APPALACHIAN MOUNTAIN-												
CUMBERLAND 2	46	-72			148	68	173	75	567	137	912	241
FROSTBURG 2	110	-171	5332	-1102	46	27	51	28	403	170	608	263
SHARPSBURG 5 S	68	-105			111	59			508	156	764	254
-MD: ALLEGHENY PLATEAU-												
SAVAGE RIVER DAM	102	-145			56	35			420	162	603	237
SINES DEEP CREEK	143				29				359			
KITZMILLER 1 W	68				89				487			
-NJ: NORTHERN-												
BELVIDERE BRG	116	-94			70	37			422	124		
BOONTON 1 SE	90	-95			79	41			454	130	670	235
CANOE BROOK	93	-104			88	46			460	142		
CHARLOTTEBURG RSVR	123	-103			65	34			408	127	590	213
CRANFORD	85	-92			106	62			486	149	755	275

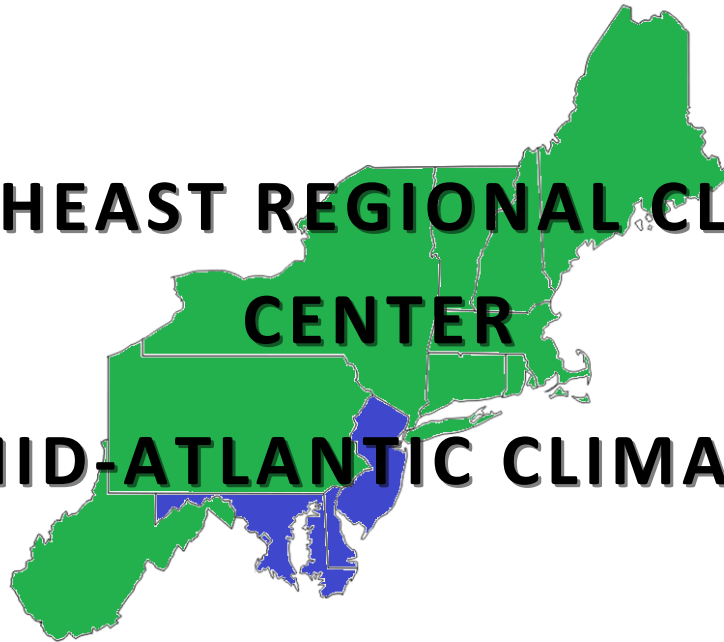
STATION	HEATING DEGREE DAYS (BASE 65)				COOLING DEGREE DAYS (BASE 65)				GROWING DEGREE DAYS (BASE 50)			
	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON
HARRISON	85	-49			99	31			479	79		
NEWARK INTL AP	55	-80	3693	-1162	105	41	133	57	515	120	830	263
PHILLIPSBURG EASTON	79	-113			103	66			489	168	723	285
WAYNE	80				111		125		496		774	
WERTSVILLE 4 NE	102	-97			85	47			448	137		
TOCKS ISLAND	104		4745		81		86		442		638	
-NJ: SOUTHERN-												
ATLANTIC CITY INTL	95	-79	3696	-1182	101	46	117	53	471	120	749	239
ESTELL MANOR	85	-88	3969	-1056	111	53	128	58	491	134	746	217
HAMMONTON 1 NE	80	-82			112	54	135	67	498	132	773	242
HIGHTSTOWN 2 W	96	-86			96	47	112	53	465	126	706	221
INDIAN MILLS	64	-99			116	61			517	155	812	281
MOORESTOWN	53	-85			129	58			541	140		
NEW BRUNSWICK 3 SE	87	-92	4144	-1101	96	50	111	58	474	137	728	256
SEABROOK FARMS	54				137				548			
SOMERDALE 4 SW	88		4514		117		130		494		712	
TRENTON MERCER CO A	45	-123	3654	-1482	117	68	156	99	537	187	888	394
PHILADELPHIA MT HOL	78		4075		124		141		511		776	
-NJ: COASTAL-												
ATLANTIC CITY	102	-69	3418	-1017	54	21	59	22	417	88	648	196
CAPE MAY 2 NW	57	-95	3478	-988	91	46	100	50	499	139	766	261
LONG BRANCH OAKHURS	144	-65			63	30			388	94		

The heating season begins July 1 and ends June 30. The cooling season begins January 1 and ends December 31.
The growing season begins March 1 and ends October 31. All departures are calculated from the 1981 - 2010 mean.
These data are considered preliminary, published data from the National Climatic Data Center may differ somewhat from the values shown here.

NORTHEAST REGIONAL CLIMATE

CENTER

MID-ATLANTIC CLIMATE



**Northeast
Regional
Climate
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