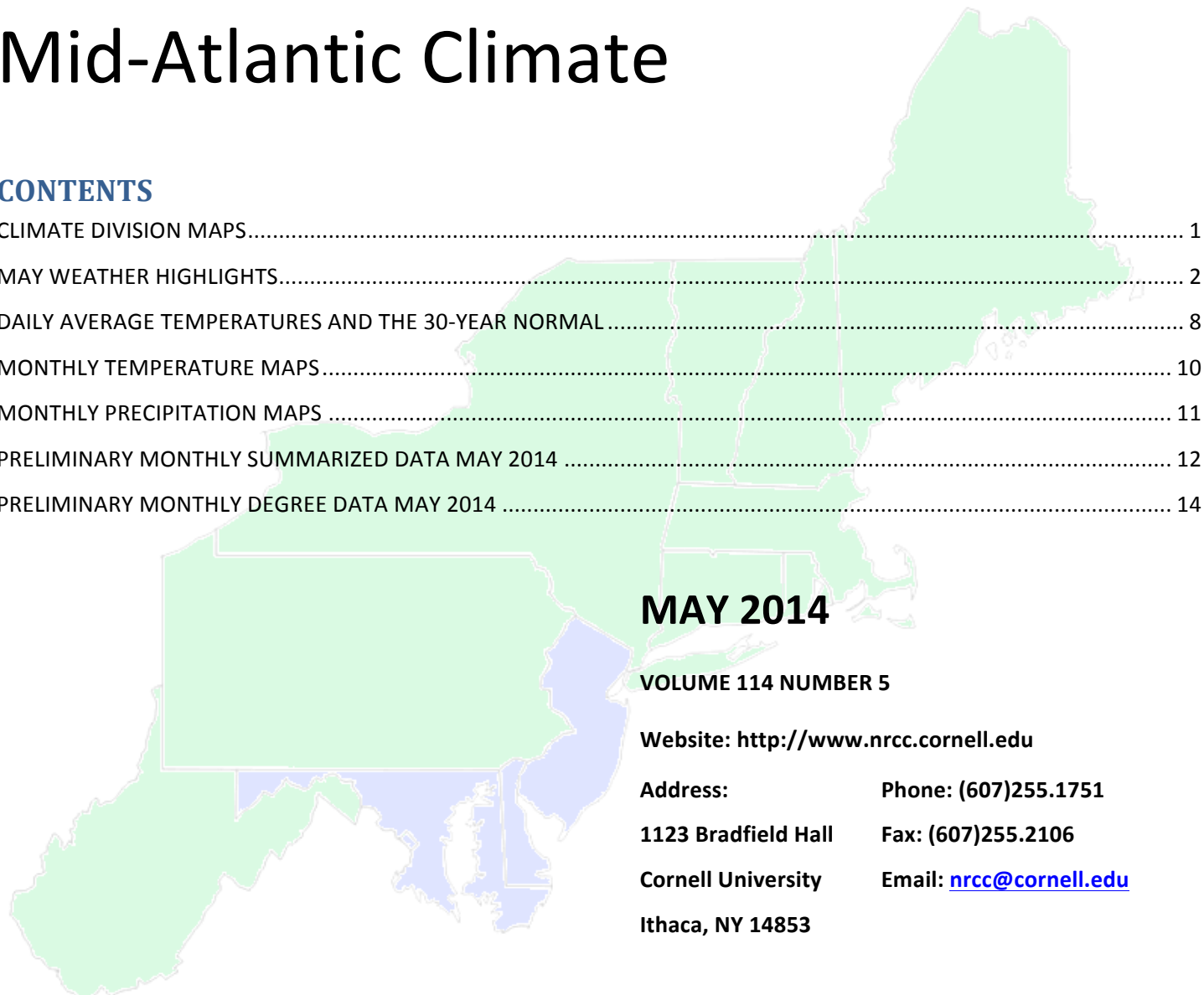


Northeast Regional Climate Center

Mid-Atlantic Climate

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MAY 2014

VOLUME 114 NUMBER 5

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CLIMATE DIVISION MAPS



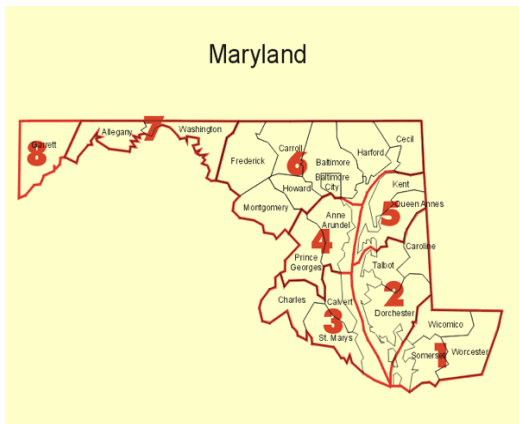
New Jersey Climate Divisions

- 1 Northern
- 2 Southern
- 3 Coastal



Delaware Climate Divisions

- 1 Northern
- 2 Southern



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 first warmer-than-normal month of 2014 for the Mid-Atlantic. The region's average temperature of 63.4 degrees was 1.5 degrees above normal. With a departure of +2.0 degrees, Delaware had its 18th warmest May since 1895. Maryland ended the month 1.5 degrees warmer than normal, while New Jersey wrapped up the month at 1.4 degrees above normal. One of Delaware's two divisions, one of New Jersey's three divisions, and three of Maryland's eight divisions ranked the month among their top 20 warmest. The National Arboretum in Washington, DC, was the site of the highest May temperature: 93 degrees on the 14th. Two western Maryland sites reported the lowest temperature of the month. Oakland reported a low of 30 degrees on the 5th and 19th, while Deep Creek Lake reported that temperature on the 19th and 20th.

The Mid-Atlantic ended May on the wetter side of normal. The region received 5.22 inches of precipitation, 127 percent of normal, making it the 18th wettest May in 119 years. Receiving 138 percent of normal precipitation, Maryland had its 16th wettest May since recordkeeping began. Five of the state's divisions ranked the month among their top 20 wettest (ranging from 3rd wettest in the North Central division to 19th wettest in the Allegheny Plateau). New Jersey picked up 131 percent of normal precipitation, making it the 19th wettest May on record. The state's Northern division had its 14th wettest May. Delaware, however, was drier than normal. The state received only 60 percent of its normal May precipitation. Maryland's North Central division was home to the greatest monthly and daily precipitation totals. Brighton Dam accumulated 9.78 inches of rain during May, and Phillips Army Airfield in Aberdeen reported 5.97 inches of rain on the 1st.

At the start of May, parts of Garrett, Allegany, and Washington Counties in Maryland were abnormally dry, according to the U.S. Drought Monitor. Dry conditions eased through the month and by month's end the state was drought-free.

Several rounds of severe weather struck the region from mid to late May. Extreme rainfall, in some cases a month's worth or more in a few hours, caused flash flooding that shut down roads, and pea to golf ball sized hail caused damage. An EF-1 tornado, with winds to 105 mph, caused tree and structural damage in Kent County, DE, on May 22. According to a USDA Crop Report, only 25% of corn had been planted in Delaware as of May 6 compared to the 5-year average of 52%, and in Maryland only 39% of apple trees were in full bloom versus the 5-year average of 82%. The strawberry crop was delayed by up to 3 weeks across the region, causing a shortened berry-picking season. While improving conditions in late May allowed many farmers to make significant progress in their fields, some crops remained behind schedule.

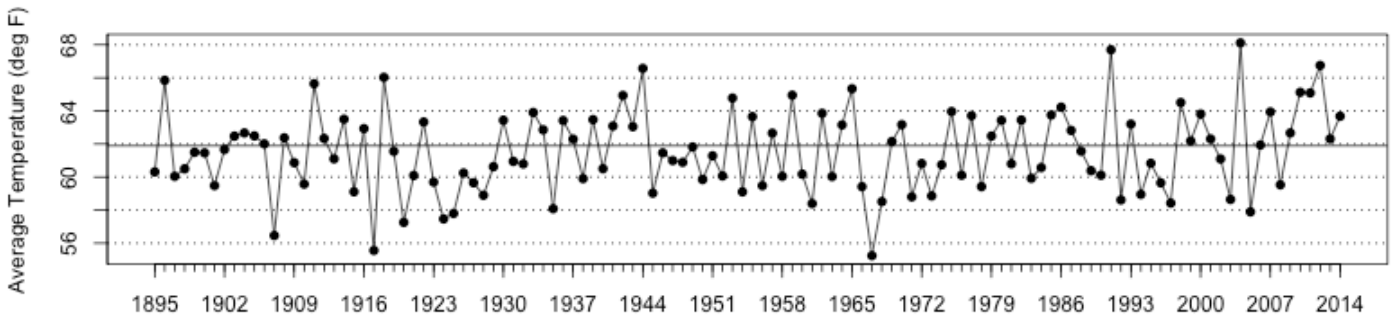
Daily Low Maximum Temperature Records (°F)

<u>Station</u>	<u>Date</u>	<u>New</u>	<u>Previous</u>
Wilmington, DE	29	57	58 in 1996
Baltimore, MD	29	57	58 in 1996

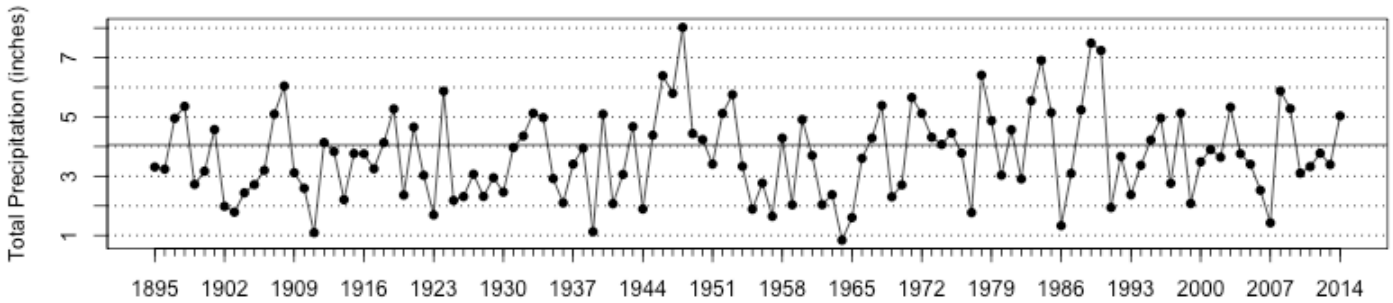
Daily Precipitation Records (inches)

<u>Station</u>	<u>Date</u>	<u>New</u>	<u>Previous</u>
Washington Dulles, DC	16	1.97	1.62 in 1983
Washington National, DC	16	2.25	1.91 in 1983

Mid Atlantic Average May Temperatures



Mid Atlantic May Precipitation Totals



The 2014 values depicted on these graphs are based on preliminary data.

Typical Springtime Variability May and Spring 2014 Summaries

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

May Overview

May 2014 had a difficult time establishing an identity. What began with a storm that carried over from April 30th and resulted in the 7th largest flood of the past century in the Raritan basin on the 1st (see the April narrative for discussion of this event), later included some warm days, late freezes in a few locations, severe thunderstorms with hail in others, and a spectacular Memorial Day. Overall, May averaged 62.1°, which is 1.3° above average (compared to the 1981-2010 average). This ranks as the 35th warmest (tied with 1962) in the 120 years back to 1895. Precipitation averaged 5.18", which is 1.18" above average and ranks as 19th wettest. This value includes the considerable rain that fell on April 30th at National Weather Service Cooperative Stations that report during the morning hours (see April narrative for a full explanation).

Precipitation and storms

There was almost a factor of three difference between the wettest and driest location in NJ in May. Kearny (Hudson County) led the way with 10.86", followed by North Arlington (Bergen) 9.53", Hamilton (Mercer) 8.86", Robbinsville (Mercer) 8.61", and East Greenwich (Gloucester) 8.45". Middle Township (Cape May) came up shortest with 3.22", followed by the Cape May County communities of Wildwood Crest 3.34" and Woodbine 3.39".

Flooding subsided rather quickly following river crests on the 1st. Local thundershowers on the 4th deposited some pea-size hail at Wantage (Sussex) and Ringwood (Passaic). Little rain fell until the evening of the 7th into the morning of the 8th, when the northern and central coast saw the most with 1.03" in Long Branch (Monmouth) and 1.02" at both Eatontown (Monmouth) and Stafford Township (Ocean). The least rain fell in southwest counties. The 9th dawned with scattered moderate to dense fog, later to be followed by rain that was off and on from late on the 9th until early on the 11th. Thunderstorms during the evening of the 10th brought down trees and wires in portions of Hunterdon, Burlington, Somerset, and Bergen counties, including a tree that fell onto a car in Fairview (Bergen). Central and northeastern areas saw 0.10" to 0.50", with as much as 0.74" in Bedminster (Somerset), 0.71" at Hamilton (Mercer), and 0.70" at Glen Rock (Bergen). Less than 0.10" accumulated in the southeast and far northwest.

Late evening rain on the 12th into the early 13th was widely scattered in central and south Jersey. As much as 0.50" fell at Lavallette (Ocean), with 0.39" and 0.34" at two Montgomery (Somerset) locations. Most locations received under 0.10". Bergen County saw moderate rain late on the 14th into early on the 15th. While less than 0.10" fell elsewhere in NJ, Ramsey saw 0.60" and Glen Rock 0.47".

A storm from the morning of the 16th into early hours of the 17th brought heavy rain to western and eastern regions and a lighter zone up the middle of the state. This is depicted in Figure 1, with Warren County reports of 2.95" in Mansfield, Liberty Township 2.84", and Blirstown 2.57". Of approximately 200 NJ CoCoRaHS reports, 12 equaled or exceeded 2.00" and 82 were between 1.00" and 1.99". Franklin Township (Gloucester) saw the least with 0.35".

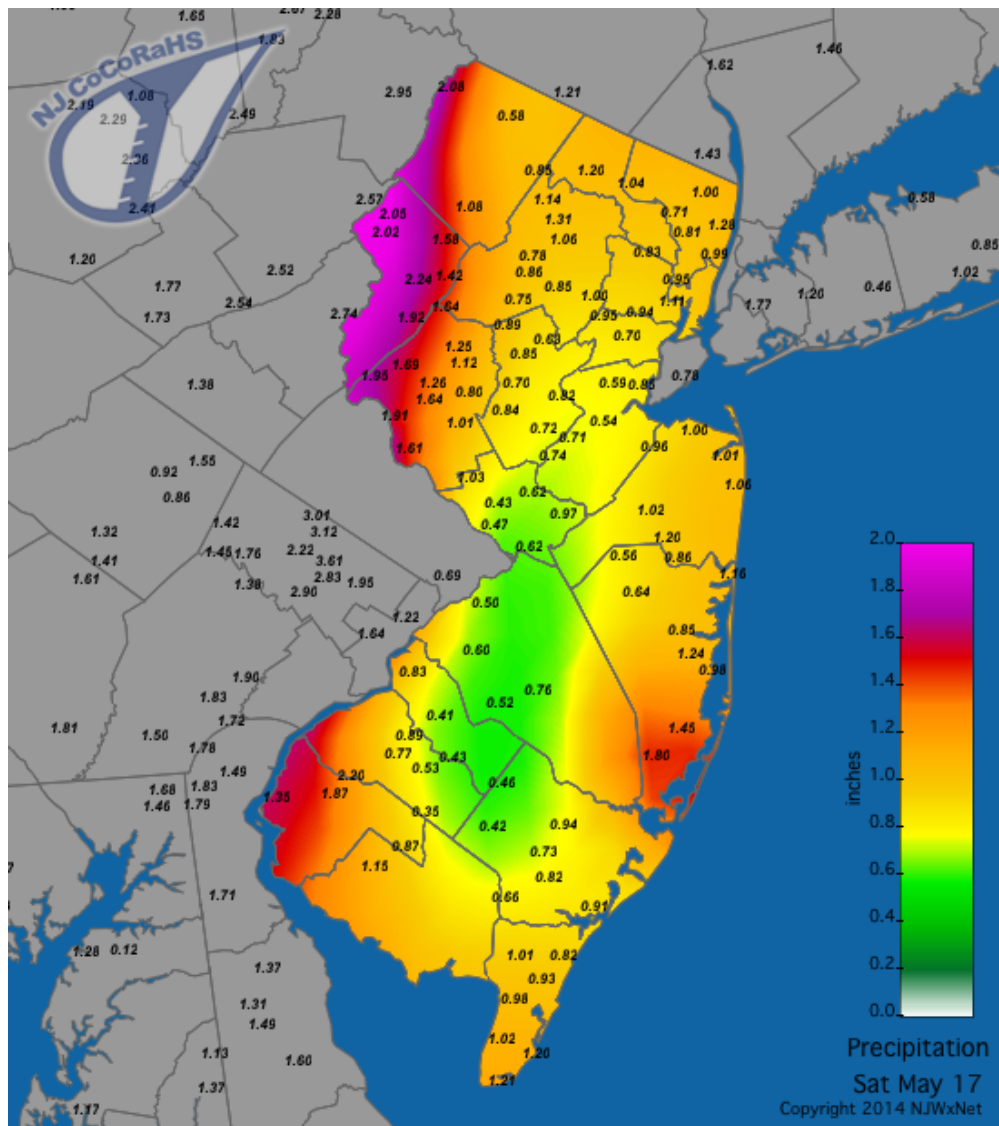


Figure 1. Rainfall totals from the morning of May 16 to the morning of May 17 based on 199 NJ CoCoRaHS observations. Rain fell from dawn on the 22nd into the early hours of the 23rd. Scattered areas of Mercer County southeast into Ocean County saw over 2.00", including Pine Beach (Ocean) with 2.68", and both Hamilton Township (Mercer) and Berkeley Township (Ocean) with 2.21". Severe storms dropped hail in several locations. It was as large as ping-pong balls in Upper Deerfield and Fairfield Township (both in Cumberland), quarter-size in Woodstown (Salem) and Woolwich (Gloucester), and pea to quarter size in Blairstown (Warren) and Randolph (Morris). Elsewhere, rain totaled less than 0.25", especially in the northeast, while a few areas in the southwest and northwest saw over an inch.



Figure 2. A nearly 2" diameter hailstone that fell on the property of a CoCoRaHS volunteer in Upper Deerfield Twp (Cumberland) on May 22.

The northeast quarter of the state was targeted by strong thunderstorms during the afternoon and evening hours of the 23rd. This included 2.39" in Kearny (Hudson), 2.20" at North Arlington, and 2.14" in Tenafly. Pea to marble size hail fell in River Vale (Bergen), Vernon Township (Sussex), Little Falls (Passaic), and Kenilworth (Union). Further south, pea-size hail fell in Moorestown (Burlington) and Little Egg Harbor (Ocean). Flash flooding occurred on some northeast roadways, while elsewhere less than 0.10" fell in central and southern NJ. Showers returned during the second half of the 24th. A wedge-shaped zone extending from the Mercer-Middlesex border north to Sussex and Bergen saw up to 0.50" in most locations, except for 0.96" in Peapack-Gladstone (Somerset), 0.86" in Bedminster (Somerset), and 0.73" at Oakland (Bergen).

Continuing the sure sign that warm-season convective systems had begun to provide the bulk of our rainfall, yet another afternoon and evening bout of scattered thunderstorms invaded the southern half of NJ on the 27th. While totals were mainly under 0.50", 1.10" fell at Runnemede (Camden), 1.00" at Washington Township (Gloucester), and 0.74" in Dennis Township (Cape May). Gusty winds damaged trees and wires in portions of Burlington and Monmouth counties. Daytime showers on the 28th deposited 2.40" in Franklin Township (Gloucester), 1.58" in Folsom (Atlantic), and 1.36" at Clayton (Gloucester). The distribution of rainfall was almost identical to that of the previous day, including little to none in central and northern NJ. However larger amounts fell in Camden, Gloucester, and Atlantic than on the 27th.

The highest barometric pressure of May occurred on the 14th, with values close to 30.35". The lowest pressures of between 29.60"-29.65" occurred on the 1st and 4th. On six May days, winds gusted to 40 mph or greater at NJWxNet stations. On the 4th, High Point Monument (Sussex) topped out at 44 mph, with six other stations between 40-43 mph. Wantage (Sussex) reached 47 mph on the

5th. A local storm brought a 42 mph gust to Lyndhurst (Bergen) on the 10th. The 16th was the windiest day of May, with Stewartville (Warren) and Wantage up to 46 mph, Berkeley Township (Ocean) 44 mph, and Upper Deerfield (Cumberland) 42 mph. Twenty other stations gusted between 30-39 mph. Berkeley Township gusted to 54 mph on the 22nd and Upper Deerfield 48 mph. On the 27th, Harvey Cedars (Ocean) and Mullica (Atlantic) hit 43 mph and Seaside Heights (Ocean) 40 mph.

Temperature

Maximum temperatures equaled or exceeded 80° on nine May afternoons at one or more of the 53 NJWxNet stations where temperatures were observed. The first such occurrence was on the 10th, when Egg Harbor Township (Atlantic) and West Creek (Ocean) reached 85°. The 11th saw Jersey City (Hudson) up to 83°. Red Lion (Burlington) hit 89° and Cherry Hill (Camden), Howell (Monmouth), and Sicklerville (Camden) reached 88° on the 12th. Greenwich (Cumberland) was 83° on the 13th and Cherry Hill, Clayton (Gloucester), and Sewell (Gloucester) 82° on the 15th. Jersey City made it to 80 and on the 20th. The warmest three-day spell of the month surrounded Memorial Day (26th). Five stations reached 83° on the 25th. A remarkable convergence of maximum temperatures occurred on Memorial Day, when 15 stations maxed out at 87°, 12 at 86°, and 12 at 85°. The coolest location was the Atlantic City Marina (Atlantic) at 77°. The 27th was the warmest day of May, with the first 90° readings of the season at NJWxNet stations recorded at Cape May Courthouse (Cape May), Oswego Lake (Burlington), West Creek, and Woodbine (Cape May), which all topped out at 90°. The cool spot was Netcong (Morris) at 81°.

Eight May days saw temperatures bottom out below 40° at one or more stations. Pequest (Warren) fell to 39° on the 2nd, Walpack (Sussex) to 33° on the 3rd, and Pequest to 37° on the 5th. West Creek reached 31° on the 6th, when Walpack fell to 33°. These two stations dropped to 30° and 29°, respectively, on the 7th, joined by Pequest at 32°. The last trio of cool mornings began on the 18th, with Pequest down to 36°. The last subfreezing temperatures of May, and likely the season, occurred on the 19th, when Walpack was 31° and Pequest 32°. These two stations dropped to 35° on the 20th.

Assuming the freezing season has ended, a look at NJWxNet stations shows a 103-day difference to the length of the season between several stations. Walpack had its first freeze on September 24th and the last on May 19th for a 238-day season. Pequest went from October 19th to May 19th for second longest at 213 days. On the other end, both Atlantic City Mariana (Atlantic) and West Cape May (Cape May) did not see their first freeze until November 13 and experienced the last freezing day on March 27th for a 135-day season. Only a day behind was Harvey Cedars (Ocean) with a range from November 12th to March 27th.

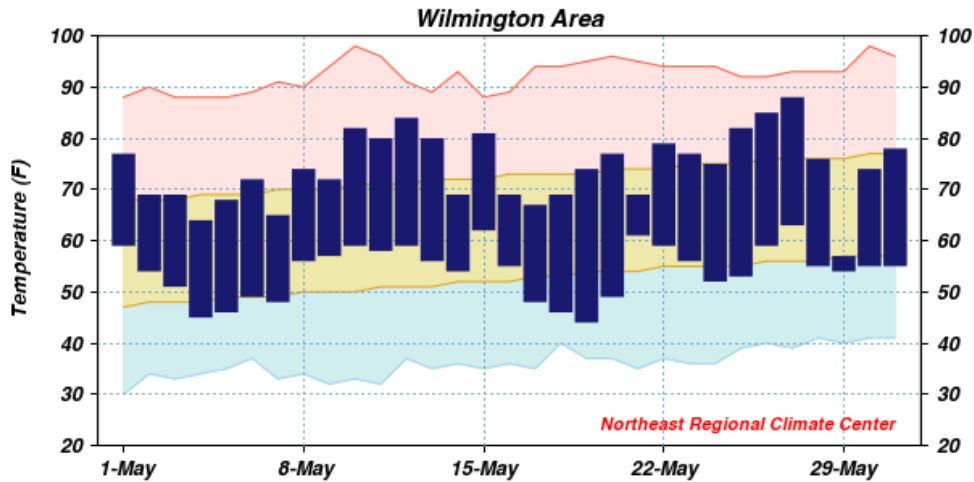
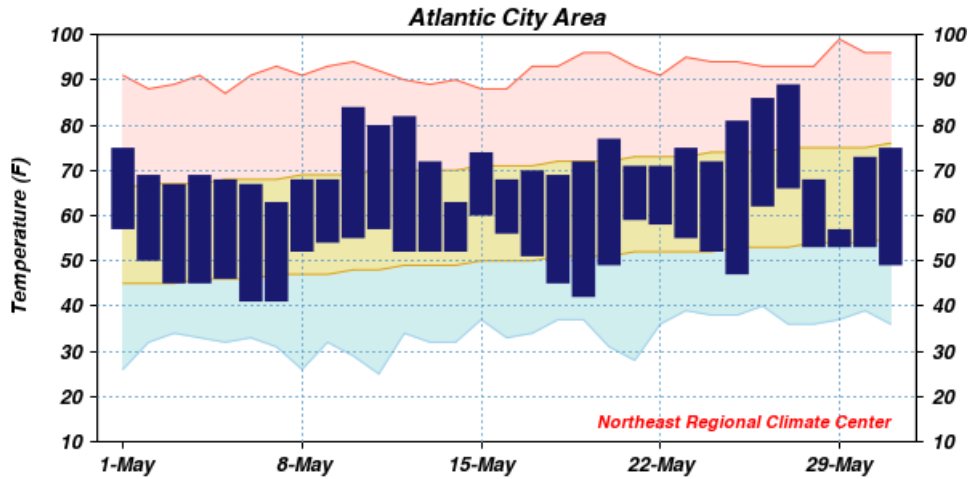
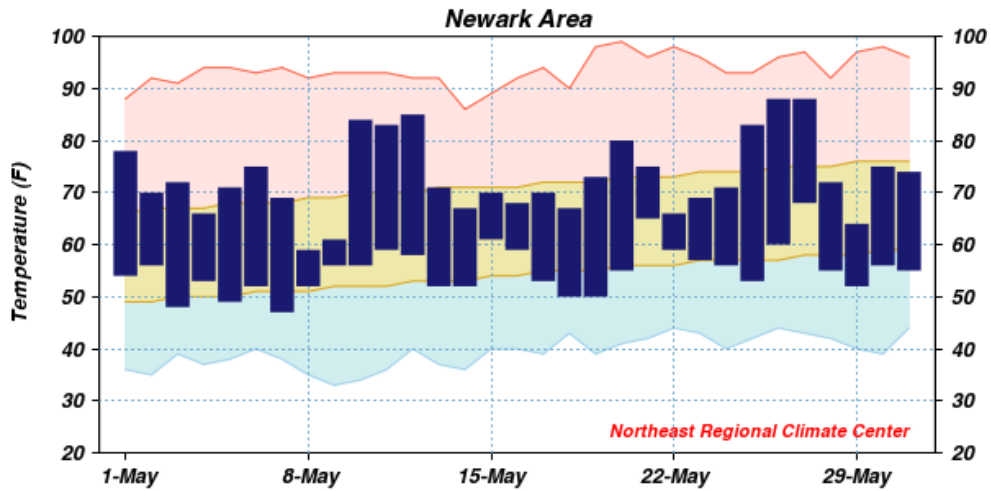
Spring Overview

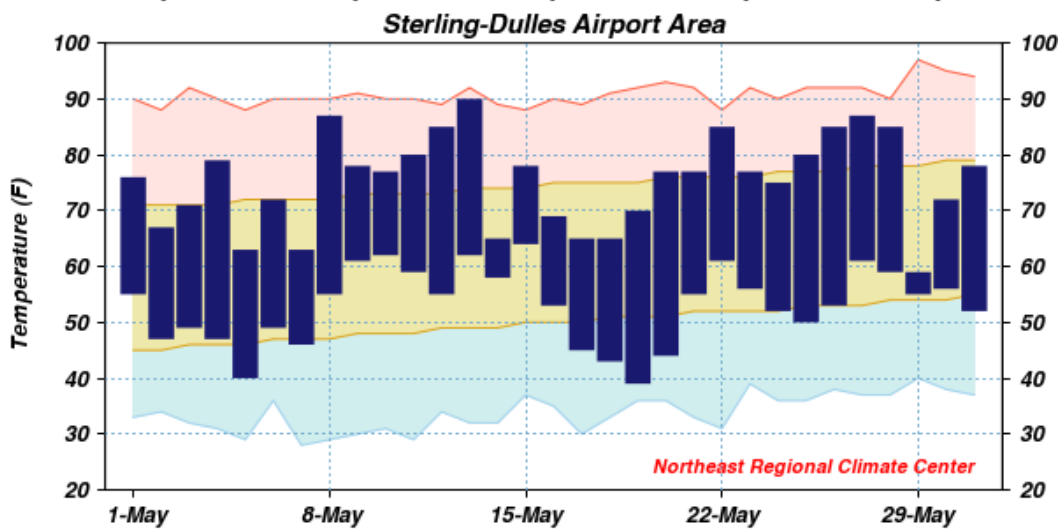
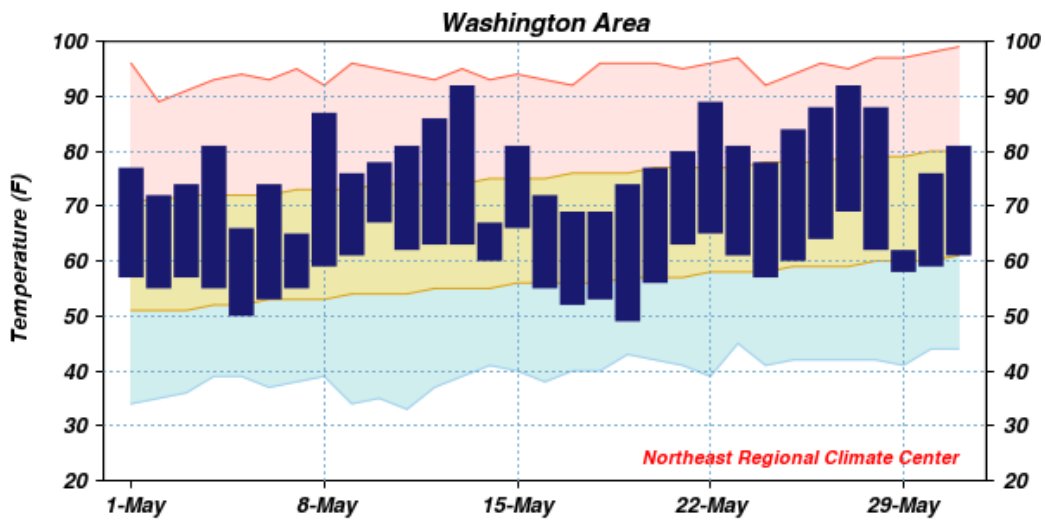
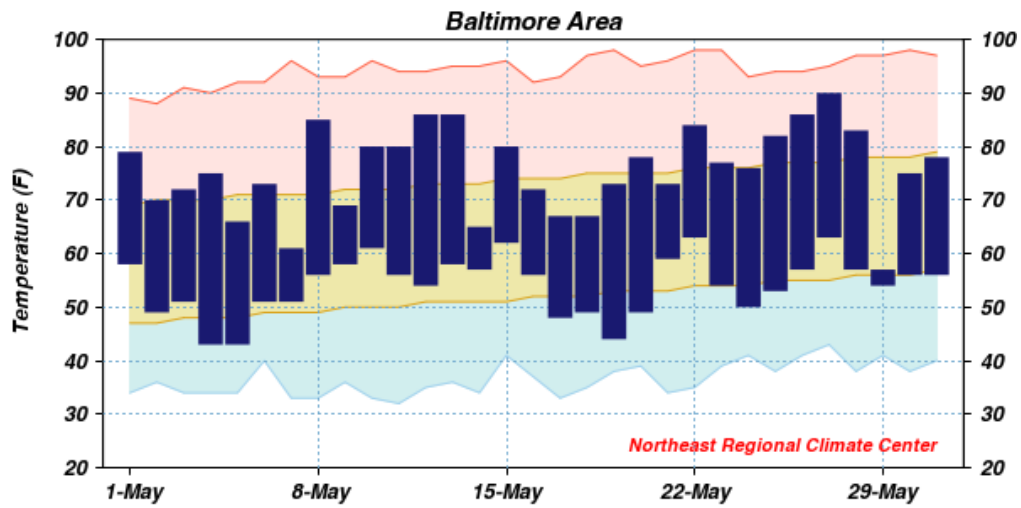
Spring (March-May) temperatures were on the cool side, averaging 49.3°. This is 1.7° below average and ranks as the 42nd coolest since 1895. The front end of the season was quite chilly, with March 5.8° below average. April was just below average (0.6°), while May pulled up the seasonal average at bit at +1.3°. The coldest temperature of the season was -9° on March 4th at Walpack (Sussex), the warmest 90° at four locations on May 27th.

Spring precipitation across the state average 13.38". This is 0.88" above average and ranks as the 28th wettest. There were two major rainstorms during the season. The first, from March 29th-31st, deposited as much as 3.75" at North Brunswick (Middlesex). The second, from April 29th-May 1st, saw as much as 6.52" in Washington Township (Gloucester). This resulted in the 7th largest flood of the past 80 years occurring at several stream gauges in the Raritan basin of central NJ and considerable roadway and stream flooding elsewhere.

Snowfall was abundant in southern NJ during March, but virtually nonexistent in central and north reaches. Three storms contributed to a monthly total of 21.8" at Wildwood Crest (Cape May). April saw a late season light snow event from the 15th into the 16th, with 1.5" falling in Freehold (Monmouth) and 1.3" at High Point (Sussex).

DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL





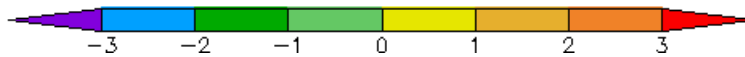
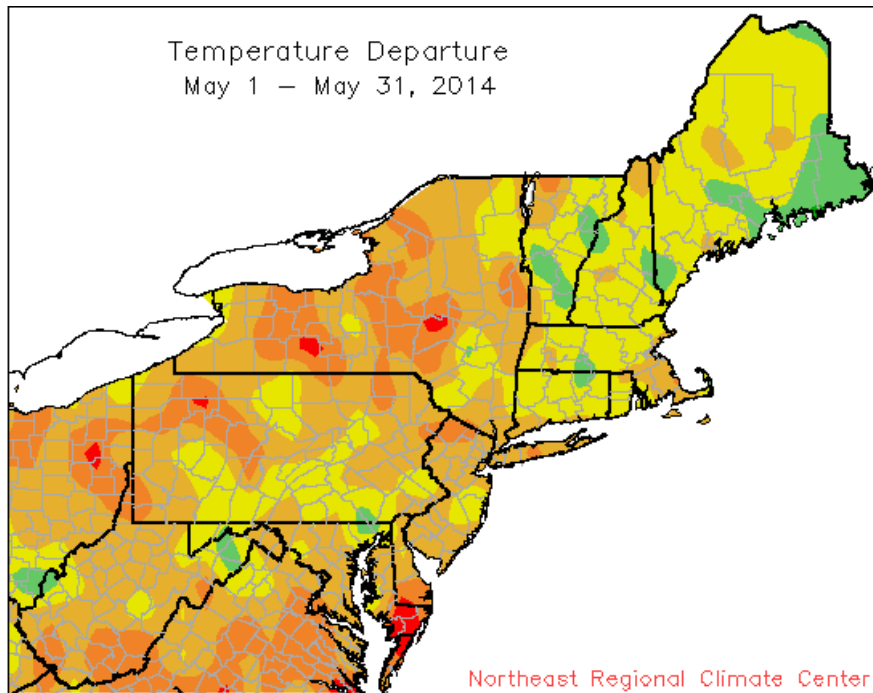
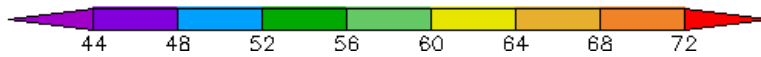
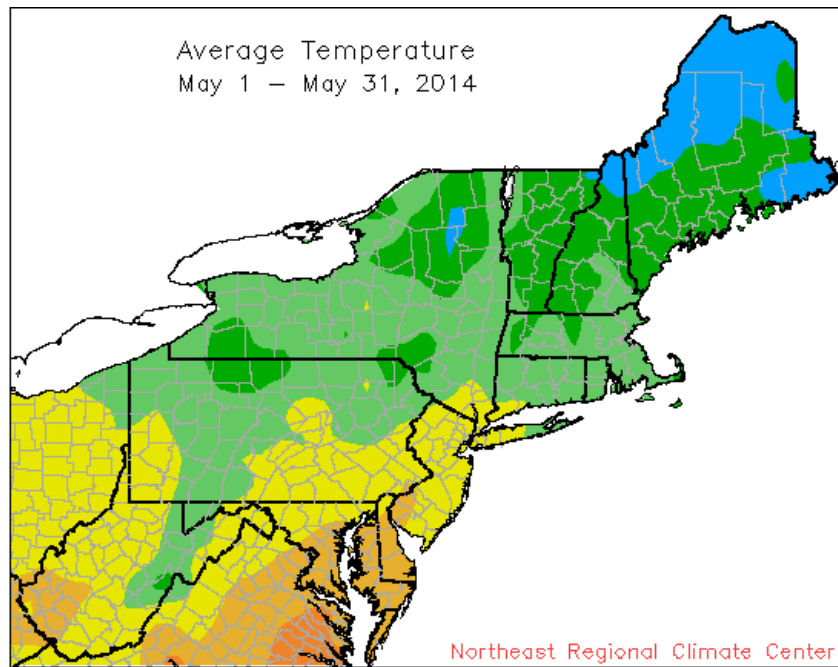
Observed daily maximum and minimum temperatures are connected by dark blue bars.

Area between normal max and min temperatures has tan shading.

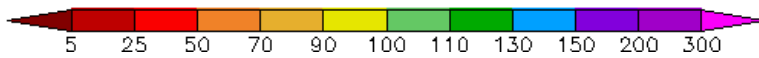
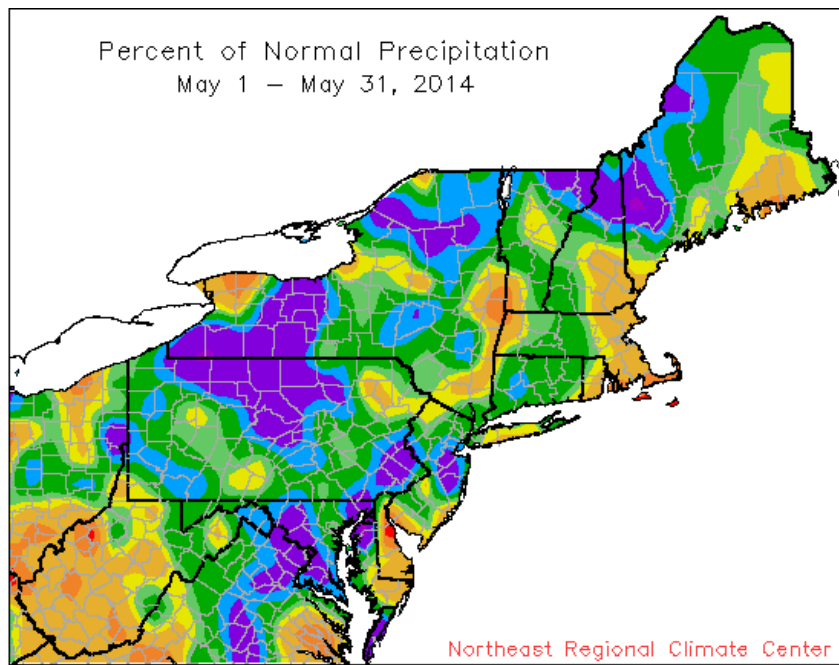
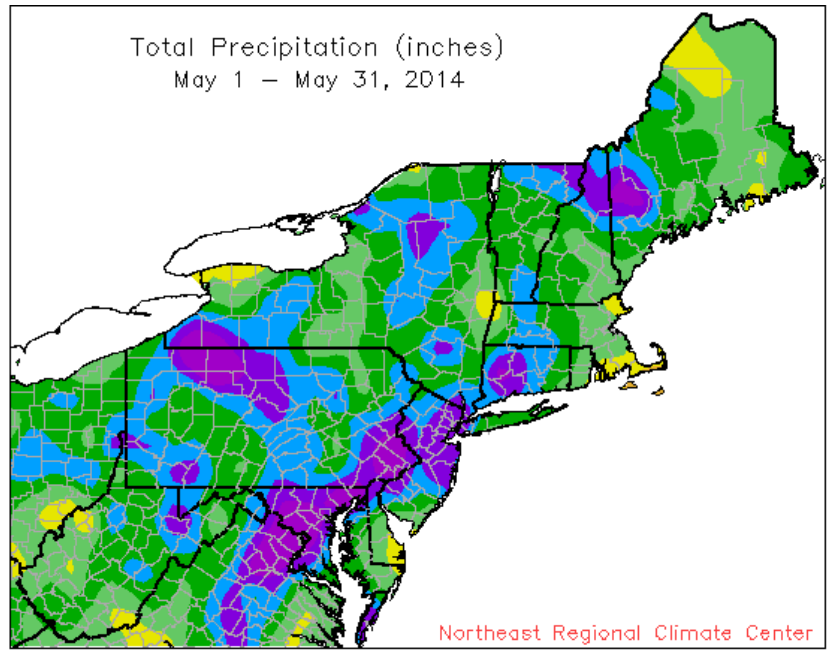
Red line connects record high temperatures.

Light blue line connects record low temperatures.

MONTHLY TEMPERATURE MAPS



MONTHLY PRECIPITATION MAPS



PRELIMINARY MONTHLY SUMMARIZED DATA MAY 2014

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 90+	DAY 70-	MON 65+	DAY 50-	MON TOT	DEPRT 0.1+	DAYS 0.1+	DLY MAX	DAY MAX	MON TOT	DLY MAX	
-DE: NORTHERN-																		
WILMINGTON NEW CAS	74.3	54.1	64.2		88	27	44	19		0	11	0	8	3.09	8	1.31	16	0
WILMINGTON PORTER R	72.8	54.6	63.7		87	27	47	5		0	12	1	7	2.47	3	1.65	16	0
-DIVISION-			64.0	1.3										2.78	-1.37			
-DE: SOUTHERN-																		
DOVER	75.0	55.4	65.2		89	27	44	19		0	9	2	7	2.28	5	1.08	16	0
-DIVISION-			65.2	2.2										2.28	-1.68			
-STATE-			64.9	2.0										2.39	-1.61			0
-MD: SOUTHEASTERN-																		
SALISBURY WICOMICO	78.2	56.0	67.1		92	13	45	19+		2	7	3	8	2.21	5	1.32	16	0
SNOW HILL 4 N	79.7	53.6	66.7		91	27	34	20		2	3	2	8	3.19	5	1.64	16	NM
SALISBURY 2N	77.9	55.7	66.8		89	13	42	19		0	3	5	8	3.52	6	1.59	16	NM
-DIVISION-			66.9	3.5										2.97	-0.48			
-MD: CENTRAL EAST-																		
ROYAL OAK 2 SSW	76.0	56.4	66.2		88	27	47	19		0	6	2	8	5.05	6	2.85	16	0
-DIVISION-			66.2	1.5										5.05	1.02			
-MD: LOWER SOUTHE-																		
MECHANICSVILLE 5 *	75.2	53.1	64.2		88	14	43	19		0	9	3	6	3.99	6	2.15	16	0
ST INIGOES WEBSTER	75.8	57.3	66.5		89	27+	45	19		0	9	3	6	3.99	6	2.15	16	NM
-DIVISION-			65.3	1.9										3.99	-0.17			
-MD: UPPER SOUTHE-																		
BALTIMORE WASH INT	75.6	54.1	64.9		90	27	43	5+		1	8	0	8	3.35	7	1.71	16	0
BELTSVILLE	75.1	53.7	64.4		88	28+	41	5		0	8	1	9	8.89	8	2.91	1	0
DALECARLIA RSVR *	76.2	53.8	65.0		90	28	44	19										0
LAUREL 3 W	76.2	55.8	66.0		89	27	44	5		0	6	1	5	5.82	9	2.48	16	NM
MD SCI CTR BALTIMO	76.1	58.3	67.2		90	27	49	5		1	7	1	1	3.22	8	1.76	16	NM
NATL ARBORETUM DC*	79.6	57.6	68.6		93	14	44	19										0
OXON HILL	76.8	54.6	65.7		90	28+	44	19		2	7	1	7	7.29	9	2.12	1	0
UPPER MARLBORO 3 N	76.0	53.9	64.9		90	28	41	19		1	8	0	10	5.70	8	2.06	1	NM
-DIVISION-			65.8	1.9										5.71	1.33			
-MD: NORTHEASTERN-																		
STEVENSVILLE	74.4	57.1	65.7		90	28	49	5		1	11	4	2	6.66	8	2.72	1	0
-DIVISION-			65.7	2.2										6.66	2.46			
-MD: NORTHERN CEN-																		
ABERDEEN PHILLIPS	74.1	53.9	64.0		89	28	43	19		0	11	1	10	8.40	5	5.97	1	0
BRIGHTON DAM	75.5	50.8	63.1		87	28	40	20+		0	7	0	14	9.78	10	4.30	1	0
CYLBURN	72.7	53.6	63.1		85	28	43	19		0	12	3	9					NM
DAMASCUS 3 SSW	72.8	53.1	62.9		86	13+	40	5		0	12	0	12	6.74	9	3.03	16	0
EMMITSBURG 2 SE	73.6	50.5	62.1		90	14	39	20+		1	12	0	13	7.50	7	3.33	16	0
MILLERS 4 NE	74.5	50.9	62.7		86	13	38	5		0	9	0	14	4.67	6	2.80	16	0
-DIVISION-			63.0	0.7										7.42	3.09			
-MD: APPALACHIAN -																		
CUMBERLAND 2	75.9	50.8	63.4		92	14	36	18		3	11	1	16	4.75	9	1.63	16	NM
FROSTBURG 2	68.3	46.5	57.4		83	9	34	5		0	19	0	19	5.69	9	1.92	16	NM
SHARPSBURG 5 S	74.0	47.8	60.9		90	14	34	5		1	10	0	19	7.56	8	3.97	16	NM
WILLIAMSPORT	74.5	51.9	63.2		86	28+	41	20+		0	11	0	14	4.81	8	2.88	16	0
-DIVISION-			61.2	0.9										5.70	1.44			
-MD: ALLEGHENY PL-																		
OAKLAND 1 SE	69.3	45.0	57.2		86	14	30	19+		0	15	0	23	7.52	9	2.63	16	0
SAVAGE RIVER DAM *	69.0	47.2	58.1		87	14	35	20+						4.60	9	1.92	16	NM
SINES DEEP CREEK *	68.8	42.3	55.6		84	14	30	20+										NM
KITZMILLER 1 W	71.5	49.2	60.4		88	14	36	19		0	15	0	19					NM
-DIVISION-			57.8	1.0										6.06	1.33			
-STATE-			64.0	1.5										5.78	1.59			0

STATION	TEMPERATURE (F)							PRECIPITATION (INCHES)										
	MONTHLY AVERAGES				EXTREMES			NUMBER OF DAYS			MONTHLY TOTALS			EXTREMES		SNOWFALL		
	AVG MAX	AVG MIN	MON AVG	DEPRT	MON MAX	DAY MIN	MON DAY	MAX 90+	MIN 70-	65+	50-	MON TOT	DEPRT 0.1+	DAYS	DLY MAX	DAY	MON TOT	DLY MAX
-NJ: NORTHERN-																		
BELVIDERE BRG *	72.3	47.6	59.9		84	27	37	7										0
BOONTON 1 SE	71.9	51.6	61.7		87	28	41	1	0	15	0	12	6.77	9	3.40	1		0
BOUND BROOK 2 W													5.96	9	3.54	1		0
CANOE BROOK	72.2	51.4	61.8		87	26	41	7	0	14	0	12	7.04	8	4.02	1	NM	
CHARLOTTEBURG RSV*	70.7	49.7	60.2		87	28	38	19									NM	
CRANFORD	72.4	54.0	63.2		87	27	42	1	0	13	0	7	6.61	8	3.38	1		0
FLEMINGTON 5 NNW	71.9	50.1	61.0		85	28+	38	19+	0	14	0	14	6.52	8	3.73	1		0
HARRISON	72.4	53.0	62.7		89	28+	41	1	0	18	1	8	8.76	9	4.27	1	NM	
LAMBERTVILLE													7.67	6	3.45	1		0
NEWARK INTL AP	73.0	55.1	64.1		88	27+	47	7	0	13	2	5	4.03	6	1.45	23		0
PHILLIPSBURG EAST*	72.4	50.0	61.2		85	28+	41	1										0
POTTERSVILLE 2 NNW	72.5	51.2	61.9		91	27	42	1	1	11	0	10	6.07	4	3.62	1		0
SUSSEX 2 NW	72.2	49.4	60.8		87	28	37	7	0	15	0	20						0
WAYNE	71.8	52.3	62.1		88	28+	41	17	0	16	1	13	6.58	8	3.07	1		0
WERTSVILLE 4 NE	70.9	51.4	61.2		84	27+	41	1	0	15	1	13	5.88	8	3.02	1		0
TOCKS ISLAND	70.8	49.8	60.3		85	27	39	19+	0	16	0	16					NM	
-DIVISION-			61.6	1.9									6.47	2.10				
-NJ: SOUTHERN-																		
ATLANTIC CITY INTL	72.4	51.9	62.1		89	27	41	7+	0	14	1	11	2.26	5	0.85	16		0
ESTELL MANOR	73.3	51.4	62.3		88	28	38	19	0	12	1	13	5.05	6	1.82	29		0
FREEHOLD MARLBORO	72.1	51.3	61.7		88	28	37	1	0	18	0	12						0
HAMMONTON 1 NE	73.5	52.1	62.8		89	28	40	8	0	13	1	11	4.87	7	2.41	1		0
HIGHTSTOWN 2 W *	72.5	50.4	61.4		87	28	38	7					7.52	10	4.09	1		0
INDIAN MILLS	74.2	50.5	62.3		86	27+	36	19+	0	8	1	15	4.20	5	2.07	1		0
MILLVILLE MUNI AP*	73.9	50.9	62.4		89	27	38	19					1.79	4	0.51	22	NM	
NEW BRUNSWICK 3 SE	72.9	51.0	61.9		87	28+	40	19+	0	15	0	14	6.90	8	4.50	1		0
SEABROOK FARMS	74.2	53.6	63.9		89	28	44	5	0	10	2	9	4.71	6	2.21	1		0
ATSION	72.3	51.9	62.1		86	13	40	7	0	15	1	11						0
TRENTON MERCER CO	72.4	52.8	62.6		85	26	43	19+	0	15	0	7	3.14	7	0.90	22		0
PHILADELPHIA MT HO	72.5	51.8	62.2		87	13	40	6	0	14	1	13	6.32	9	4.25	1		0
-DIVISION-			62.3	0.9									4.68	0.88				
-NJ: COASTAL-																		
ATLANTIC CITY *	68.0	56.3	62.1		83	27	50	7+										0
CAPE MAY 2 NW	72.7	53.8	63.3		90	27	45	19	1	12	1	7	2.32	5	1.06	16		0
LONG BRANCH OAKHUR	69.0	51.9	60.5		87	27	42	7+	0	19	0	11	3.75	5	1.11	16		0
-DIVISION-			62.0	1.7									3.04	-0.45				
-STATE-			62.0	1.4									5.22	1.23				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.

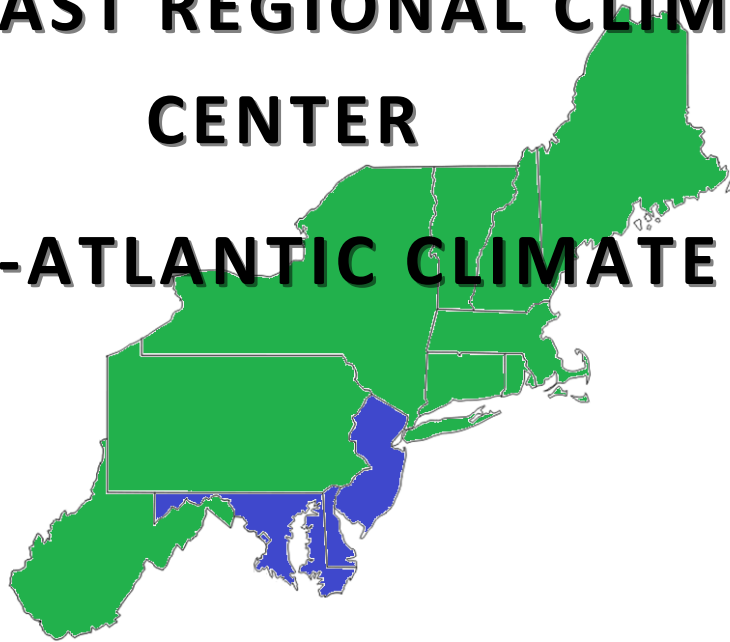
These data are considered preliminary, published data from the National Climatic Data Center may differ somewhat from the values shown here.

PRELIMINARY MONTHLY DEGREE DATA MAY 2014

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-												
WILMINGTON NEW CAST	76		5125		60		67		449		575	
WILMINGTON PORTER RS	85				54				434			
-DE: SOUTHERN-												
DOVER	64				76				477		662	
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	50		4171		121		135		536		776	
SNOW HILL 4 N	53				113				525		732	
SALISBURY 2N	48				111				528			
-MD: CENTRAL EASTERN SHORE-												
ROYAL OAK 2 SSW	52		4521		98		105		511		724	
-MD: LOWER SOUTHERN-												
ST INIGOES WEBSTER	56				111		121		520		739	
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	74		5004		78		85		469		616	
BELTSVILLE	89				78		88		454		618	
LAUREL 3 W	59				97				503			
MD SCI CTR BALTIMOR	37				116		130		544		772	
OXON HILL	63		4711		92		106		494		710	
UPPER MARLBORO 3 NN	77				83		95		471		636	
-MD: NORTHEASTERN SHORE-												
STEVENSVILLE	54		4845		85		93		496		642	
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	86		5211		60		66		439		558	
BRIGHTON DAM	104				54				415			
CYLBURN	106				56				415			
DAMASCUS 3 SSW	119				61		69		407		538	
EMMITSBURG 2 SE	128				50		58		387		490	
MILLERS 4 NE	115		5644		49		52		399		506	
-MD: APPALACHIAN MOUNTAIN-												
CUMBERLAND 2	121		5515		80		89		424		595	
FROSTBURG 2	250				24		28		255		321	
SHARPSBURG 5 S	163				45				348			
WILLIAMSPORT	109				62				418			
-MD: ALLEGHENY PLATEAU-												
OAKLAND 1 SE	258				21				255		296	
KITZMILLER 1 W	185				47				331			
-NJ: NORTHERN-												
BOONTON 1 SE	132				39				375			

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
CANOE BROOK	135				42				374			
CRANFORD	102		5230		53		61		416		538	
FLEMINGTON 5 NNW	153				37		44		351		444	
HARRISON	118		5380		56		60		404		519	
NEWARK INTL AP	74		5166		54		62		445		574	
POTTERSVILLE 2 NNW	127		5932		35		37		376		459	
SUSSEX 2 NW	157				33				345		411	
WAYNE	137				51				381			
WERTSVILLE 4 NE	148				37				354			
TOCKS ISLAND	163		6482		27		33		332		404	
-NJ: SOUTHERN-												
ATLANTIC CITY INTL	121		5294		36		36		380		469	
ESTELL MANOR	122		5289		48		57		391		504	
FREEHOLD MARLBORO	141				47				371			
HAMMONTON 1 NE	107		5312		47		54		405		512	
INDIAN MILLS	115		5340		42		50		392		523	
NEW BRUNSWICK 3 SE	135		5568		46		58		376		495	
SEABROOK FARMS	87		4993		60		72		438		580	
ATSION	126				43				382			
TRENTON MERCER CO A	106		5474		38		44		397		504	
PHILADELPHIA MT HOL	125		5425		46		55		386		514	
-NJ: COASTAL-												
CAPE MAY 2 NW	85		4727		41		41		421		515	
LONG BRANCH OAKHURS	166				32				331		392	
<p>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.</p>												

NORTHEAST REGIONAL CLIMATE CENTER MID-ATLANTIC CLIMATE



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