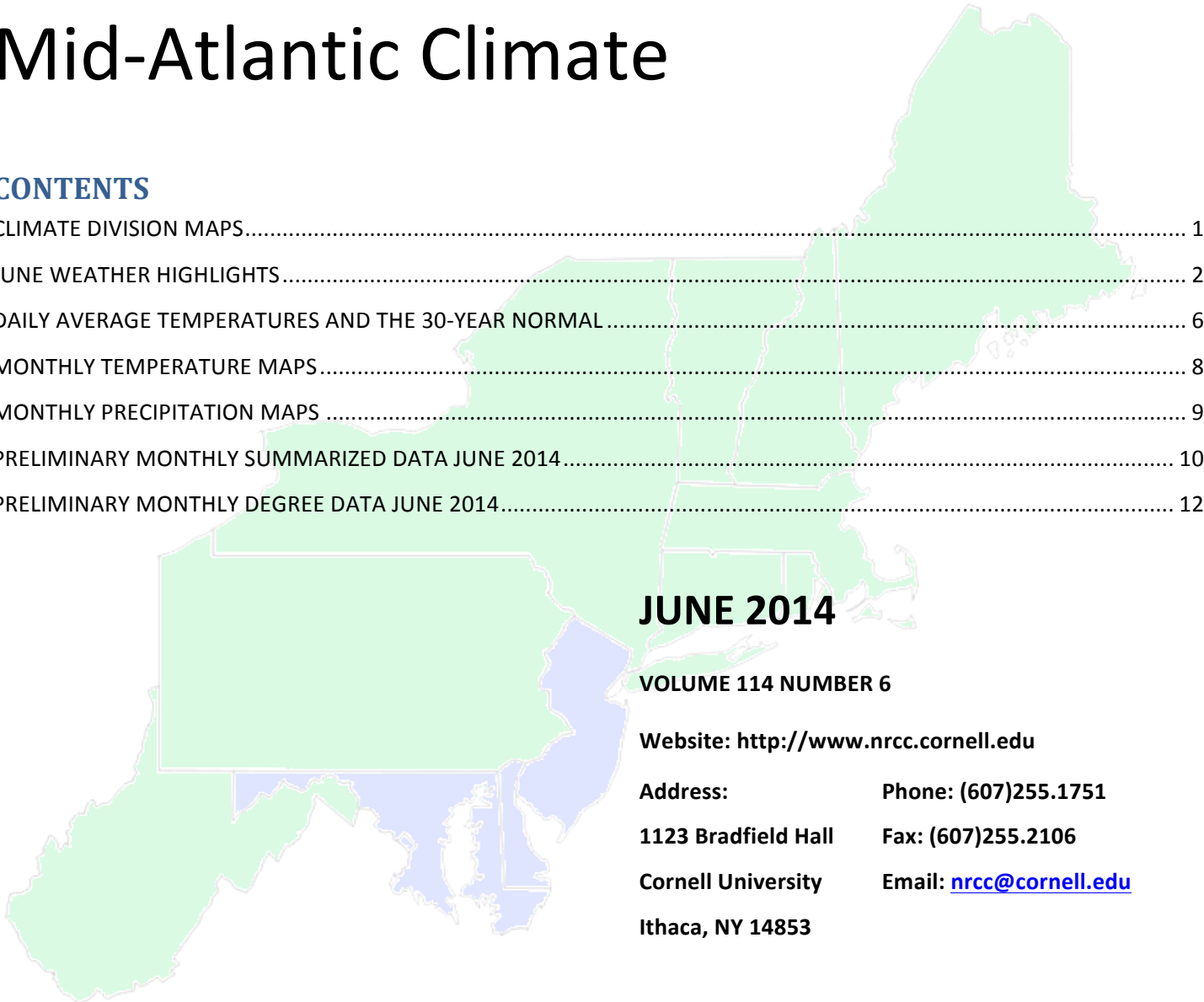


# Northeast Regional Climate Center

## Mid-Atlantic Climate

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**Website:** <http://www.nrcc.cornell.edu>

**Address:** **Phone:** (607)255.1751

**1123 Bradfield Hall** **Fax:** (607)255.2106

**Cornell University** **Email:** [nrcc@cornell.edu](mailto:nrcc@cornell.edu)

**Ithaca, NY 14853**

#### NRCC Staff:

**Dr. Arthur DeGaetano**  
Director  
**Mr. William Noon**  
Computer Analyst

**Mr. Keith Eggleston**  
Regional Climatologist  
**Mrs. Jessica Spaccio**  
Assistant Climatologist

**Mrs. Samantha Borisoff**  
Assistant Climatologist  
**Ms. Tara Fardellone**  
Publication Design

**Mrs. Pamela Vitale**  
Administrative Assistant

#### State Climatologists:

**Dr. Daniel Leathers**  
210 Pearson Hall  
Department of Geography  
Newark, DE 19716  
302-831-8764

**Konstantin Y. Vinnikov**  
Dept of Atmospheric and Oceanic Sci.  
University of Maryland  
College Park, MD 20742  
301-405-5382

**David Robinson**  
Department of Geography  
Rutgers University  
Piscataway, NJ 08854  
732-445-4741

# CLIMATE DIVISION MAPS



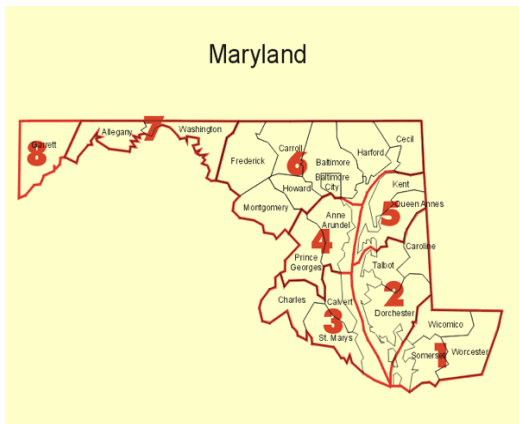
## New Jersey Climate Divisions

- 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

## JUNE WEATHER HIGHLIGHTS

Warmer-than-normal temperatures lingered through June in the Mid-Atlantic. The region's average temperature of 71.8 degrees was 0.7 degrees above normal. All three states were warmer than normal, with departures of +0.9 degrees in Delaware, +0.8 degrees in New Jersey, and +0.6 degrees in Maryland. Of the 13 climate divisions that make up the Mid-Atlantic region, five ranked this June among their top 20 warmest. Snow Hill, MD, was the site of the region's highest and lowest temperatures of the month. The site hit 99 degrees on the 18<sup>th</sup> and dropped to 41 degrees on the 1<sup>st</sup> and 2<sup>nd</sup>. Atsion, NJ, also reported a low of 41 degrees on the 2<sup>nd</sup>.

After a wetter-than-normal May, June was drier than normal. The region saw 3.25 inches of rain, 83 percent of normal. Delaware received 58 percent of normal precipitation, making it the state's 17<sup>th</sup> driest June since 1895. The state's Southern division had its 10<sup>th</sup> driest June on record. New Jersey wrapped up June at 82 percent of normal, while Maryland had 88 percent of normal. Maryland's Southeastern Shore had its 4<sup>th</sup> driest June on record. That division was home to the lowest monthly precipitation: Salisbury's Wicomico Airport received only 0.84 inches of precipitation during June. On the flip side, Baltimore's Maryland Science Center had the greatest monthly total of 6.77 inches. The greatest daily rain total of 2.13 inches was reported in New Brunswick, NJ, on the 9<sup>th</sup>.

Downpours from thunderstorms triggered flash flooding multiple times in June. Water, from several inches deep to several feet deep, covered roads, making them impassable and stranding motorists. The rising water also flooded homes and numerous water rescues were performed. In addition, lightning started several fires and a funnel cloud was spotted in Princes George's County, MD, on June 19. According to the USDA, fruits such as strawberries, apples, peaches, and cherries were still behind schedule through June despite mostly favorable weather conditions. However, other crops like cucumbers, cantaloupe, and sweet corn were near or ahead of schedule.

### Daily Maximum Temperature Records (°F)

Station	Date	New	Previous
Washington National, DC	17	97	95 in 1991
Atlantic City, NJ	18	95	93 in 1962

### Daily High Minimum Temperature Records (°F)

Station	Date	New	Previous
Washington Dulles, DC	18	71	70 in 2004
Atlantic City, NJ	18	74	74 in 1957
Washington National, DC	18	77	77 in 1957
Wilmington, DE	18	77	77 in 1894
Washington Dulles, DC	19	71	70 in 2011

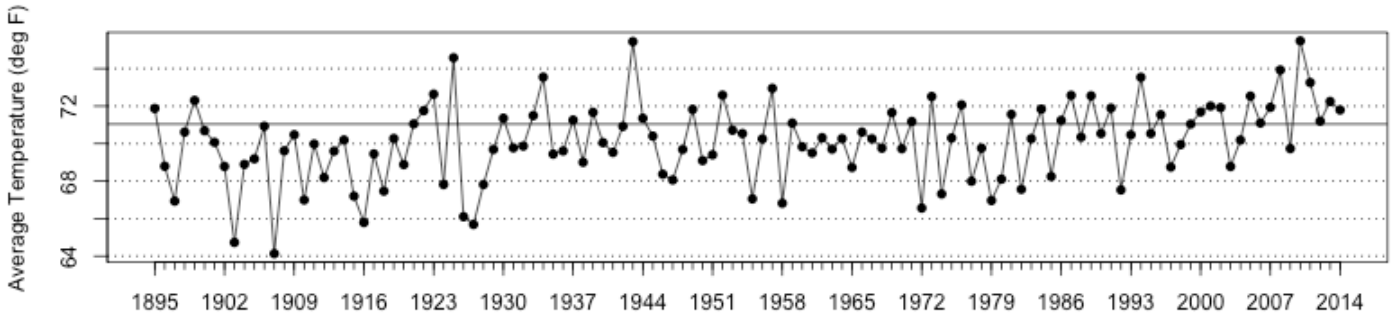
### Daily High Average Temperature Records (°F)

Station	Date	New	Previous
Atlantic City, NJ	17	82.5	82.5 in 2000
Washington National, DC	17	85.0	85.0 in 1957
Washington Dulles, DC	18	81.0	80.0 in 2007
Atlantic City, NJ	18	84.5	81.0 in 1952

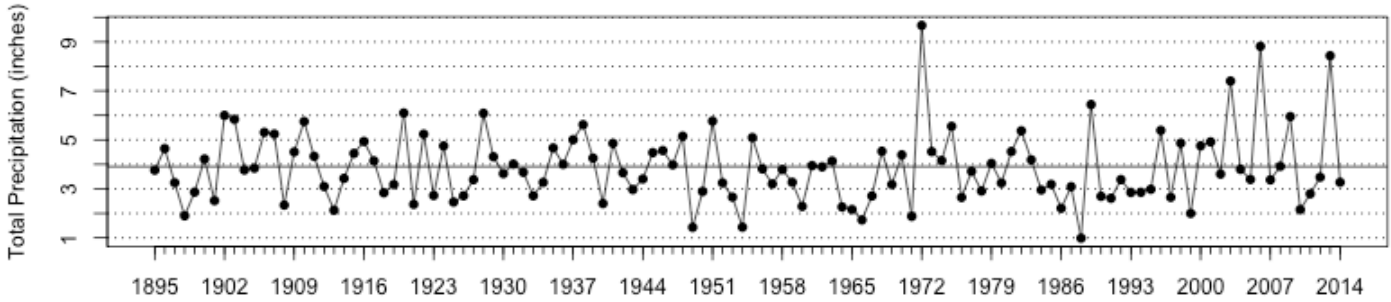
### Daily Precipitation Records (inches)

Station	Date	New	Previous
Washington Dulles, DC	8	1.71	0.96 in 1978
Baltimore, MD	19	1.50	1.38 in 1996

**Mid Atlantic Average June Temperatures**



**Mid Atlantic June Precipitation Totals**



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

## On the Mild and Dry Side: June 2014 Summary and Mid-Year Recap

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

### June Overview

The statewide average temperature in June was 70.6°. This is 0.5° above normal and ranks as the 29<sup>th</sup> warmest since 1895. More than a few people may be inclined to think the month was cooler than average. This might be due to the absence of an extended hot spell, the thermometer remaining below 90° over most of the northern third of the state, or a continued reaction to the earlier cold start of 2014 (more on this later).

June precipitation averaged 3.15", which is 0.87" below normal and ranks as the 47<sup>th</sup> driest. As expected during a warm-season month, rainfall was quite variable around NJ, ranging from 6.49" in Denville (Morris County) to 0.38" in Sea Isle City (Cape May).

### ***Precipitation and storms***

In addition to the Denville total, other locations in north Jersey had abundant June rain. This includes Mansfield (Warren) with 6.42", Rockaway (Morris) 6.24", Greenwich Township (Warren) 6.15", and 27 other CoCoRaHS stations with 5.00"-5.99" (out of almost 200 statewide stations with monthly totals). Joining Sea Isle City on the dry side were other south Jersey locales including Woodbine (Cape May) with 0.66" and 0.80" (two CoCoRaHS stations), Middle Township (Cape May) 1.06", Tabernacle (Burlington) 1.63", and Estell Manor (Atlantic) 1.97".

There were seven June events of one to several days duration where an inch of rain or more was observed at multiple locations. The first was during the afternoon and evening of the 3<sup>rd</sup> when thunderstorms dropped 1.44" in Princeton (Mercer), 1.20" at Montague (Sussex), and 0.98" in Peapack-Gladstone (Somerset). Several tenths of an inch fell from Mercer County northeast to Bergen County, with a few scattered heavy pockets elsewhere.

The evening of the 4<sup>th</sup> into mid morning on the 5<sup>th</sup> brought showers and thunderstorms to the entire state. Most locations received at least several tenths, and there were two heavy bands extending from Salem to southern Ocean counties and Warren to Bergen counties. Franklin (Gloucester) saw 2.06", Lacey Township (Ocean) 1.49" and 1.46", and 1.47" fell at two Stafford Township (Ocean) locations. The morning of the 9<sup>th</sup> brought storms across NJ north of Interstate 195, with the heaviest rain mainly between Interstates 78 and 80. Kearny (Hudson) caught 2.90", Woodbridge (Middlesex) 2.53", Harrison (Hudson) 2.22", Kenilworth (Union) 2.11", Maplewood (Essex) 2.10", and Mt. Olive (Morris) 2.04". Some 64 other CoCoRaHS stations received 1.00"-1.99".

Localized torrential rain on the afternoon of the 10<sup>th</sup> caused flash flooding in portions of Gloucester County, where Pitman received 4.11", Monroe 2.69", Washington Township 2.54", and Clayton 2.04". Little rain fell outside of Gloucester and, in fact, East Greenwich Township in western Gloucester received only 0.06".

Scattered showers and drizzle fell on the 11<sup>th</sup> and 12<sup>th</sup>, with strong storms impacting an area from Warren and Sussex counties east to Bergen County on the morning of the 13<sup>th</sup>. These storms were accompanied by pea size hail in Rockaway Township (Morris), tree and wire damage in spots, and local street flooding. Most of NJ had only a few tenths of an inch of rain during the three-day interval, however, due to the storms on the 13<sup>th</sup>, Blairstown (Warren) caught 4.16", Mansfield (Warren) 3.31", and Washington Township (Warren) 3.17". Some 39 stations received over 2.00", with 67 stations between 1.00"-1.99".

Showers during the daylight hours of the 19<sup>th</sup> resulted in three areas of 0.50" or greater rainfall, one extending from Cumberland to Atlantic counties, another in the west central counties, and the third in the extreme northwest. Mt. Laurel (Burlington) received 0.94", Estell Manor (Atlantic) 0.82", and Ewing (Mercer) 0.81". The final rain event of the month occurred from the late afternoon of the 25<sup>th</sup> into the early hours of the 26<sup>th</sup>. A swath of 0.50"-1.50" fell from Mercer/Hunterdon counties to Bergen County. Elsewhere,

several tenths fell. Long Hill Township (Morris) received 1.82", Montgomery Township (Somerset) 1.81", Bernards Township (Somerset) 1.52", and Glen Rock (Bergen) 1.43".

The minimum barometric pressure in June occurred on the 5<sup>th</sup>, at 29.55"–20.60". The maximum was on the 1<sup>st</sup>, when pressures were 30.35"–30.40". Winds were not all that strong during June. While local areas may have had strong gusts in thunderstorms that missed our recording sites, the highest "official" gust of the month was 40 mph at Wantage on the 6<sup>th</sup>. Overall, the windiest day was the 19<sup>th</sup> when five stations gusted to between 30 and 39 mph, and nine more between 25-29 mph.

### **Temperature**

Maximum temperatures equaled or exceeded 90° at more than one [NJWxNet](#) station on four June afternoons. Ten stations hit 90° or higher on the 3<sup>rd</sup>, with four stations topping out at 92°. A two-day hot spell began on the 17<sup>th</sup> when 93° was reached at New Brunswick (Middlesex) and 26 other stations were between 90° and 92°. This heat was exceeded on the 18<sup>th</sup>. In particular, the southeast portion of NJ all the way to the coast was hottest that day with Cape May Court House and Dennis Township, both in Cape May County, reaching 96°. Highs of 90° to 95° were observed at 36 of the 53 NJWxNet stations. This included the Atlantic City Marina station (Atlantic) getting to 95°. New Brunswick and Hillsborough (Somerset) reached 91° and Berkeley Township 90° on the 25<sup>th</sup>.

Six June mornings saw minimum temperatures fall to 45° or lower at some NJWxNet stations. Walpack (Sussex) dropped to 39° on the 1<sup>st</sup> and Berkeley Township (Ocean) was 40°. The 2<sup>nd</sup> was the coolest morning of the month, with Oswego Lake (Burlington) down to 38° and both Berkeley Township and Woodbine (Cape May) at 40°. Five other stations were between 41° and 45°. Walpack dropped to 42° and Pequest to 44° on the 7<sup>th</sup> and Walpack to 45° on the 8<sup>th</sup>. Later in the month, Walpack fell to 42° and Pequest to 45° on the 20<sup>th</sup>, with Walpack at 43° on the 21<sup>st</sup>.

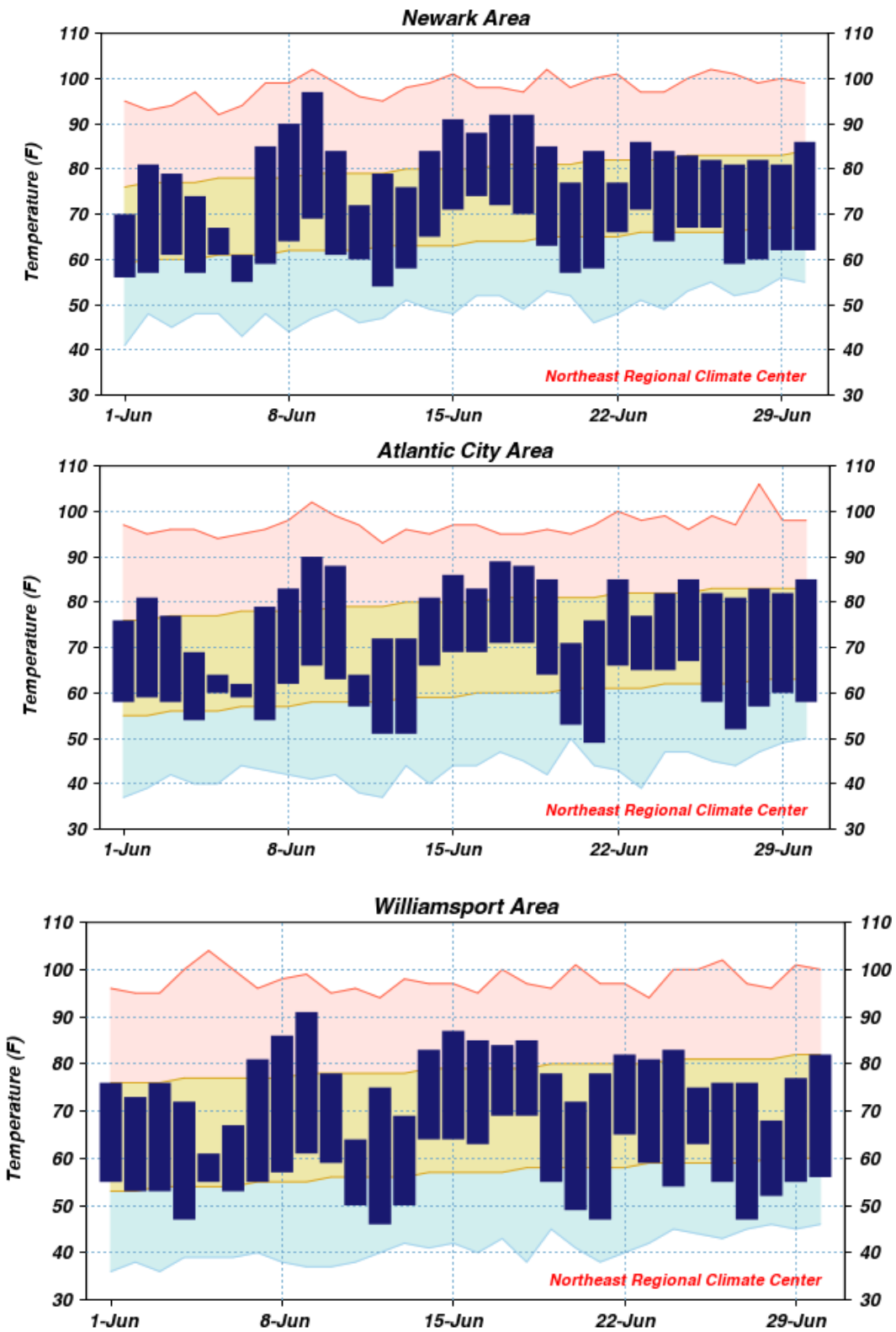
### **2014: First Half Overview**

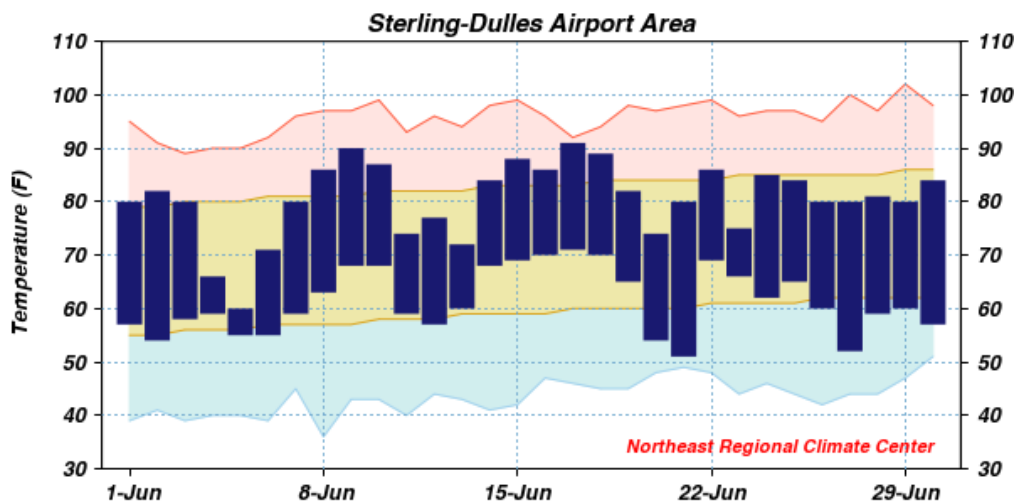
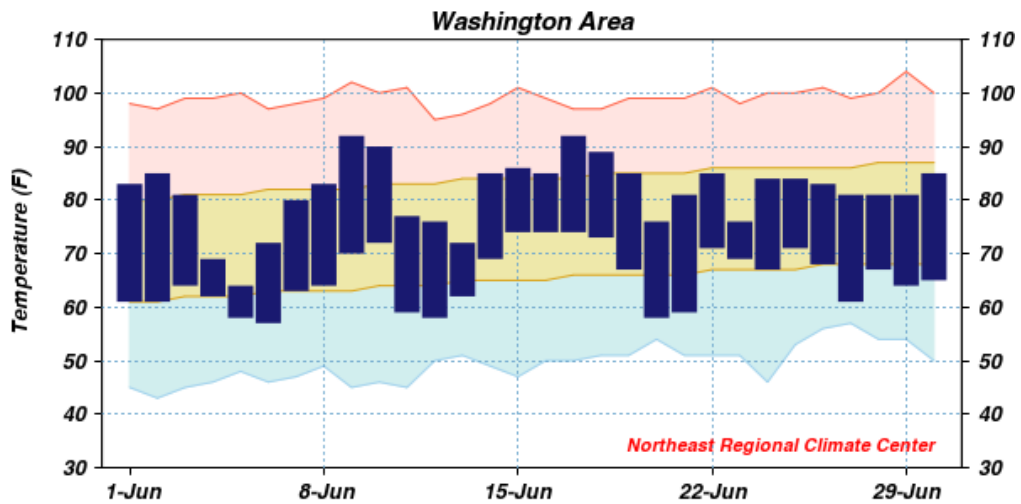
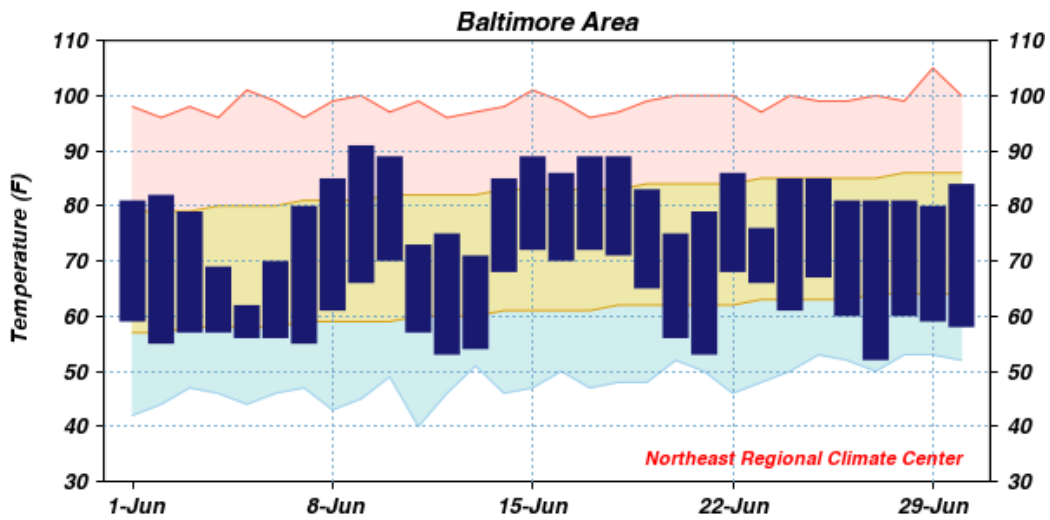
Statewide, the first six months of 2014 averaged 45.8°. This is 2.2° below normal and ranks as the 31<sup>st</sup> coolest since 1895. It was the coolest start since 2003, which was 45.0° and ranked 15<sup>th</sup>. Before then you have to go back to 1982 (45.3°), which ranked 20<sup>th</sup>. The chilliest was 1907 at 43.2°.

Precipitation (rain and melted snow) averaged 24.76" across NJ from January through June. This total is 2.11" above normal and is 26<sup>th</sup> wettest. Since 2003, four January-June intervals have been wetter, including last year. 2011 ranked one notch drier at 27<sup>th</sup>. The wettest first half of the year was 1983 at 32.51".

An examination of stations within the CoCoRaHS network shows Morris and Hunterdon counties had the wettest first six months of the year. Cape May County and portions of Atlantic and Ocean counties were the driest, with the far northwest corner of NJ also on the low side. Six month totals over 30.00" include Holland Township (Hunterdon) 31.61", Rockaway Township (Morris) 31.47", Mine Hill Township (Morris) 31.38", Lebanon (Hunterdon) 30.91", Washington Township (Morris) 30.11", and Bethlehem Township (Morris) 30.07". On the dry side, Wildwood Crest (Cape May) came in with 19.19", two Woodbine stations (Cape May) caught 20.53" and 22.24", Wantage (Sussex) 21.44", Brick (Ocean) 22.46", and Estell Manor (Atlantic) 22.49".

# DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL





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

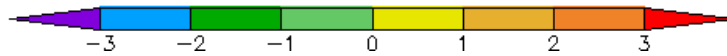
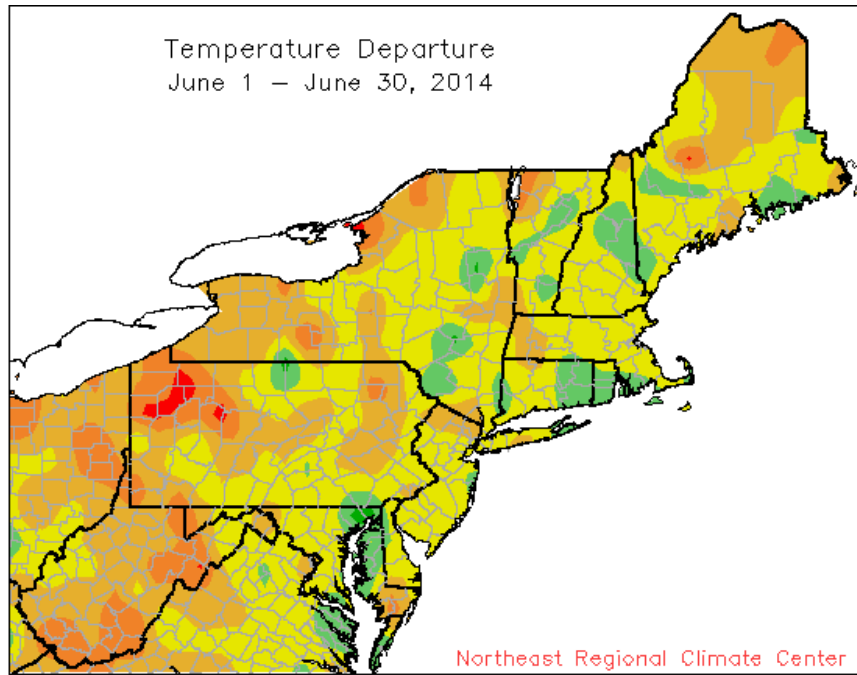
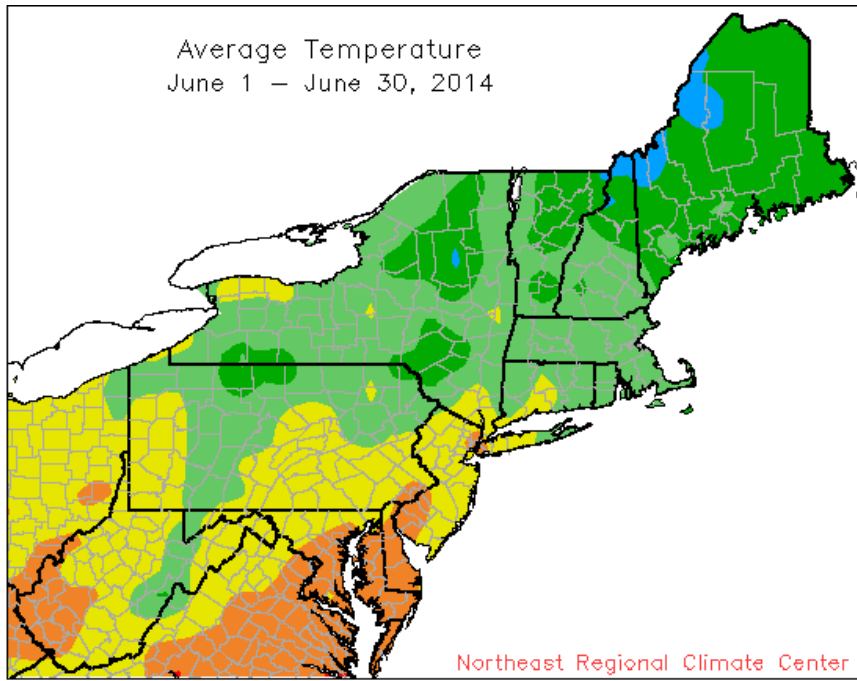
Area between normal max and min temperatures has tan shading.

Red line connects record high temperatures.

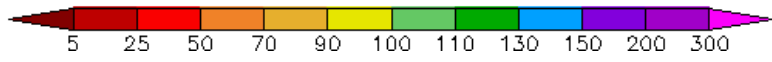
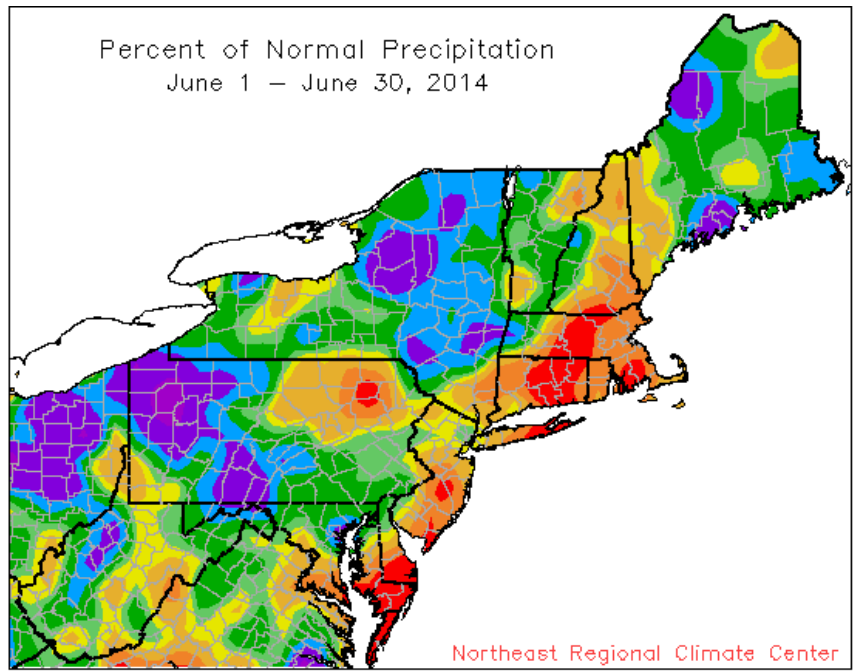
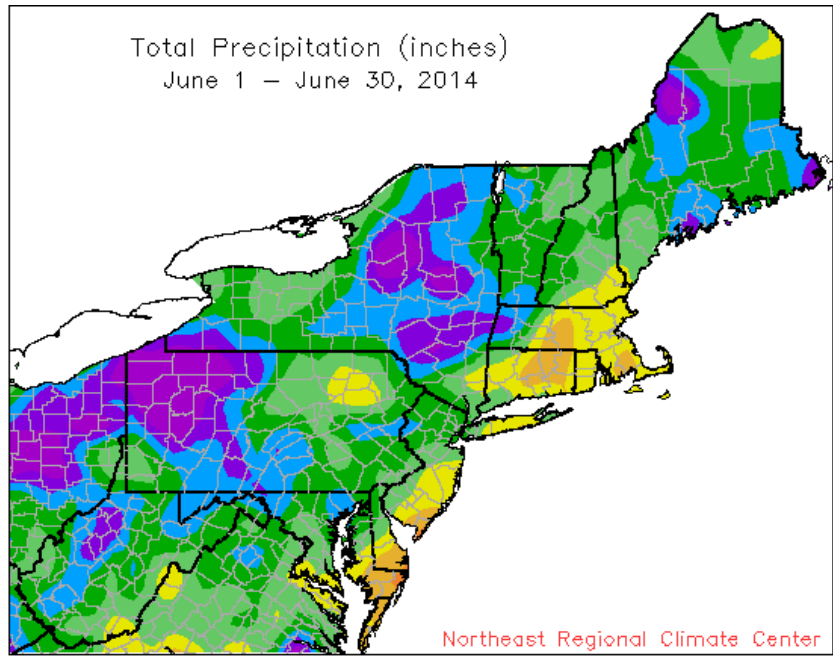
Light blue line connects record low temperatures.



# MONTHLY TEMPERATURE MAPS



# MONTHLY PRECIPITATION MAPS



# PRELIMINARY MONTHLY SUMMARIZED DATA JUNE 2014

STATION	TEMPERATURE (F)									PRECIPITATION (INCHES)													
	MONTHLY AVERAGES				EXTREMES			NUMBER OF DAYS			MONTHLY TOTALS			EXTREMES		SNOWFALL							
	AVG	AVG	MON	DEPRT	MON	DAY	MON	DAY	MAX	MIN	90+	70-	65+	50-	MON	DEPRT	DAYS	DLY	DAY	MON	DLY	DAY	
	MAX	MIN	AVG		MAX	MIN									TOT		0.1+	MAX		TOT	MAX		
-DE: NORTHERN-																							
WILMINGTON NEW CAS	82.2	63.3	72.7		93	18	50	1	2	0	13	1		5.03		8	2.01	10		0			
WILMINGTON PORTER R	83.4	61.6	72.5		92	19	51	1	3	0	10	0		3.15		7	0.81	12		0			
-DIVISION-			72.6	0.6										4.09	0.06								
-DE: SOUTHERN-																							
DOVER	83.0	63.7	73.4		94	18	48	1	3	0	14	1								0			
-DIVISION-			73.4	0.9										1.72	-2.09								
-STATE-			73.2	0.8										2.24	-1.62						0		
-MD: SOUTHEASTERN-																							
SALISBURY WICOMICO	85.9	62.9	74.4		98	18	44	2	8	0	11	2		0.84		2	0.52	4		0			
SNOW HILL 4 N	86.3	62.5	74.4		99	18	41	2+	5	0	16	2		1.55		2	0.95	5		NM			
SALISBURY 2N *	84.3	62.4	73.2		95	18	46	3+	1	0				1.07		4	0.44	5		NM			
-DIVISION-			74.0	1.4										1.16	-2.46								
-MD: CENTRAL EAST-																							
ROYAL OAK 2 SSW	83.3	64.7	74.0		94	18	50	1	2	0	17	1		2.79		5	1.09	12		0			
-DIVISION-			74.0	0.1										2.79	-1.18								
-MD: LOWER SOUTHE-																							
MECHANICSVILLE 5 N	82.1	60.6	71.3		92	18	49	2	2	0	9	3		2.56		7	1.04	12		NM			
ST INIGOES WEBSTER	82.7	65.5	74.1		93	18	51	1	3	0	17	0		2.57		5	0.98	12		NM			
-DIVISION-			72.7	0.3										2.56	-1.42								
-MD: UPPER SOUTHE-																							
BALTIMORE WASH INT	83.0	63.3	73.2		96	18	50	1	3	0	16	1		3.95		10	1.50	19		0			
BELTSVILLE	82.6	63.5	73.0		93	19+	51	2+	3	0	15	0		2.87		7	0.57	14		0			
DALECARLIA RSVR	84.3	64.7	74.5		95	18	54	2+	4	0	15	0		2.95		6	0.96	9		0			
LAUREL 3 W	83.7	65.0	74.3		94	18	54	1	3	0	18	0		4.45		8	1.43	19		NM			
MD SCI CTR BALTIMO	83.3	68.0	75.7		95	18+	59	2+	2	0	24	0		6.77		8	2.01	19		NM			
NATL ARBORETUM DC	86.7	67.0	76.8		95	19	55	2+	10	0	19	0		4.88		7	1.27	11		NM			
OXON HILL	83.9	63.4	73.6		93	19+	52	2	3	0	15	0		3.02		7	0.75	19		0			
UPPER MARLBORO 3 N	83.2	63.1	73.2		95	18	50	1	2	0	16	1		3.29		7	1.43	11		NM			
-DIVISION-			74.3	1.0										4.02	0.04								
-MD: NORTHEASTERN-																							
-DIVISION-			73.2	0.5										4.02	0.15								
-MD: NORTHERN CEN-																							
ABERDEEN PHILLIPS	81.6	63.2	72.4		95	19	50	1	2	2	12	1		4.02		8	0.85	26		0			
BRIGHTON DAM	81.2	61.1	71.2		90	19+	50	2+	2	1	8	2		3.02		6	0.75	20		0			
CONOWINGO DAM	79.6	60.8	70.2		92	18	51	2+	1	1	7	0		4.91		7	1.14	9		NM			
CYLBURN	79.9	64.3	72.1		88	19+	54	1	0	1	15	0								NM			
DAMASCUS 3 SSW	79.8	62.0	70.9		89	17	51	15	0	1	10	0		3.33		8	0.69	11		0			
EMMITSBURG 2 SE	80.8	60.3	70.6		90	19+	52	16+	2	1	8	0		4.98		9	0.91	10		0			
MILLERS 4 NE	80.7	59.4	70.1		90	18	48	15+	1	1	9	3		3.89		7	0.93	10		0			
-DIVISION-			71.1	-0.2										4.03	0.16								
-MD: APPALACHIAN -																							
CUMBERLAND 2 *	84.2	60.1	72.2		94	19	45	6												NM			
FROSTBURG 2 *	76.6	56.5	66.5		84	18	45	6						4.44		7	1.61	9		NM			
SHARPSBURG 5 S	82.2	59.4	70.8		91	18	49	7+	2	1	8	5								NM			
WILLIAMSPORT *	82.3	60.4	71.3		93	18	50	17+												0			
-DIVISION-			70.2	1.1										4.44	0.91								
-MD: ALLEGHENY PL-																							
OAKLAND 1 SE	78.1	56.3	67.2		91	20	43	15+	2	3	2	6		3.55		12	0.66	5		0			
SAVAGE RIVER DAM *	77.6	57.2	67.4		87	19	47	15+						4.79		11	1.30	9		NM			
KITZMILLER 1 W	80.4	59.6	70.0		89	19	48	15+	0	1	7	4								NM			
-DIVISION-			68.2	3.0										4.17	-0.14								

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	MAX 90+	MIN 70-	MIN 65+	50-	MON TOT	DEPRT 0.1+	DAYS	DLY MAX	DAY	MON TOT	DLY MAX
-STATE-			72.1	0.6									3.42	-0.45					0
-NJ: NORTHERN-																			
BLACKWELLS MILLS													2.68		5	1.10	26		0
BOONTON 1 SE	81.6	59.5	70.5		92	18	50	2	3	3	5	1	4.04		7	1.16	14		0
BOUND BROOK 2 W													3.50		7	1.40	9		0
CANISTEAR RSVR													4.00		6	0.81	13		0
CHARLOTTEBURG RSVR	78.7	57.1	67.9		89	18	45	1	0	4	2	3	4.64		6	1.59	14		0
CRANFORD	80.0	63.1	71.5		91	19+	52	2	3	0	11	0	5.66		7	1.71	14		0
FLEMINGTON 5 NNW	81.3	58.4	69.8		91	19+	45	1	3	3	4	2	4.14		7	1.27	13		0
HARRISON	81.5	63.1	72.3		91	19	53	1	2	0	12	0	4.75		8	1.82	9	NM	0
LAMBERTVILLE													4.06		9	1.08	13		0
NEWARK INTL AP	82.2	63.7	72.9		92	18	53	2	2	0	10	0	4.41		5	1.87	9		0
OAK RIDGE RSVR													4.15		6	1.32	13		0
PHILLIPSBURG EAST*	82.0	59.8	70.9		91	19	52	1											0
SUSSEX 2 NW	79.6	58.2	68.9		90	18	45	1	1	4	4	2							0
WAYNE	80.7	62.5	71.6		90	18+	51	1	2	3	6	0	4.02		8	0.98	14		0
WERTSVILLE 4 NE	80.0	58.8	69.4		90	19	47	1	1	1	4	2	3.48		6	0.98	26		0
TOCKS ISLAND	78.6	58.8	68.7		88	19+	49	1	0	4	4	2						NM	0
-DIVISION-			70.4	1.6									4.39	-0.11					
-NJ: SOUTHERN-																			
ATLANTIC CITY INTL	81.5	60.3	70.9		95	18	43	2	2	1	8	2	1.54		4	0.71	5		0
ESTELL MANOR	80.7	59.7	70.2		93	19	42	2	2	1	9	3	1.89		4	0.74	19		0
FREEHOLD MARLBORO	81.3	59.1	70.2		91	18	44	12	4	1	7	3	2.84		8	0.54	14		0
HAMMONTON 1 NE	82.9	60.8	71.9		94	19	46	2	2	1	9	2	2.00		4	1.12	5		0
HIGHTSTOWN 2 W	83.4	58.5	71.0		93	18+	45	1	7	1	5	4	2.42		8	0.47	26		0
INDIAN MILLS	82.9	59.4	71.1		92	18	43	1	3	0	9	4	1.65		5	0.86	5		0
MILLVILLE MUNI AP*	81.9	59.7	70.8		95	18	42	2					2.22		7	0.78	5	NM	0
NEW BRUNSWICK 3 SE	81.9	59.3	70.6		93	19+	46	1	4	1	6	2	3.93		8	2.13	9		0
SEABROOK FARMS	82.4	62.9	72.7		95	19	44	1	2	0	12	2	2.15		5	1.10	5		0
SOMERDALE 4 SW	85.2	61.3	73.3		96	19	48	2+	8	1	11	2	3.84		9	1.26	11		0
ATSION	80.5	59.2	69.8		92	19	41	2	2	1	8	2	4.39		6	1.60	9		0
TRENTON MERCER CO	81.6	61.2	71.4		92	18+	48	1	2	1	9	2	2.24		6	0.94	25	NM	0
PHILADELPHIA MT HO	80.6	60.3	70.4		92	19	47	2	2	1	6	2	3.54		9	1.06	10		0
-DIVISION-			71.1	0.3									2.67	-1.11					
-NJ: COASTAL-																			
ATLANTIC CITY *	75.9	66.9	71.4		94	18	58	2											0
CAPE MAY 2 NW	81.2	62.9	72.0		95	18	46	2	2	0	13	2	1.30		4	0.44	26		0
LONG BRANCH OAKHUR	77.3	61.1	69.2		92	18	52	1	1	2	6	0	3.35		5	1.22	13		0
-DIVISION-			70.9	0.9									2.33	-0.84					
-STATE-			70.8	0.8									3.28	-0.72					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.

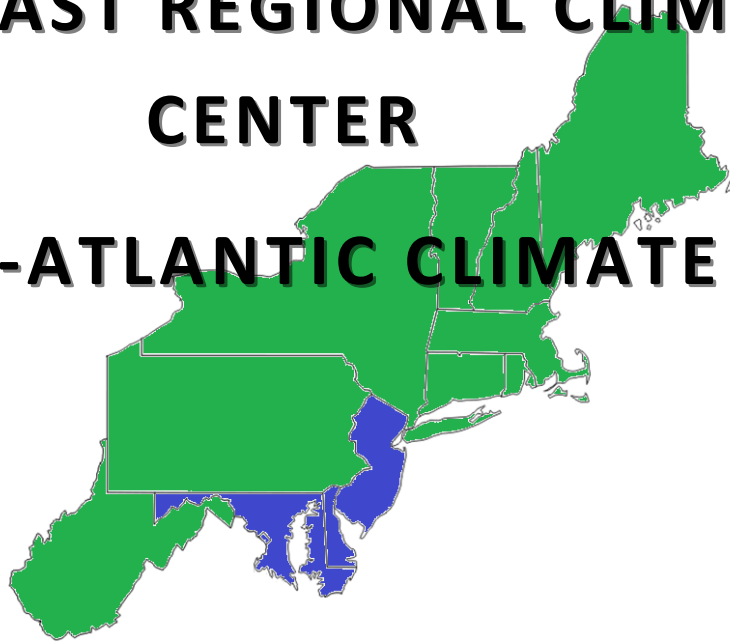
## PRELIMINARY MONTHLY DEGREE DATA JUNE 2014

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	2		5127		240		307		688		1263	
WILMINGTON PORTER RS	2				235				683			
-DE: SOUTHERN-												
DOVER	4				260				706		1368	
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	5		4176		293		428		738		1514	
SNOW HILL 4 N	11				302				741		1473	
-MD: CENTRAL EASTERN SHORE-												
ROYAL OAK 2 SSW	2		4523		278		383		726		1450	
-MD: LOWER SOUTHERN-												
MECHANICSVILLE 5 NE	4				201				647			
ST INIGOES WEBSTER	3				284		405		731		1470	
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	2		5006		256		341		704		1320	
BELTSVILLE	5				252		340		697		1315	
DALECARLIA RSVR	0				294				744			
LAUREL 3 W	0				288				738			
MD SCI CTR BALTIMOR	0				328		458		778		1550	
NATL ARBORETUM DC	0				362				812			
OXON HILL	0		4711		264		370		714		1424	
UPPER MARLBORO 3 NN	3				256		351		703		1339	
-MD: NORTHEASTERN SHORE-												
-MD: NORTHEASTERN SHORE-												
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	7		5218		236		302		679		1237	
BRIGHTON DAM	7				201				644			
CONOWINGO DAM	8		5840		173		209		615		1051	
CYLBURN	3				222				669			
DAMASCUS 3 SSW	2				185		254		633		1171	
EMMITSBURG 2 SE	5				177		235		622		1112	
MILLERS 4 NE	8		5652		167		219		609		1115	
-MD: APPALACHIAN MOUNTAIN-												
SHARPSBURG 5 S	8				191				633			
-MD: ALLEGHENY PLATEAU-												
OAKLAND 1 SE	39				111				522		818	
KITZMILLER 1 W	12				168				606			
-NJ: NORTHERN-												
BOONTON 1 SE	5				177				622			
CHARLOTTEBURG RSVR	23				119				546			
CRANFORD	1		5231		206		267		655		1193	
FLEMINGTON 5 NNW	10				163		207		603		1047	
HARRISON	1		5376		227		287		676		1200	
NEWARK INTL AP	0		5166		246		308		696		1270	
SUSSEX 2 NW	13				137				574		985	

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
WAYNE	5				206				651			
WERTSVILLE 4 NE	17				153				586			
TOCKS ISLAND	14		6496		132		165		568		972	
-NJ: SOUTHERN-												
ATLANTIC CITY INEL	10		5304		196		232		636		1105	
ESTELL MANOR	16		5305		181		238		615		1119	
FREEHOLD MARLBORO	18				182				614			
HAMMONTON 1 NE	5		5317		218		272		663		1175	
HIGHTSTOWN 2 W	14				198				634			
INDIAN MILLS	8		5348		199		249		641		1164	
NEW BRUNSWICK 3 SE	9		5577		185		243		626		1121	
SEABROOK FARMS	9		5002		246		318		687		1267	
SOMERDALE 4 SW	1		5172		256		347		705		1329	
ATSION	14				168				604			
TRENTON MERCER CO A	3		5477		201		245		648		1152	
PHILADELPHIA MT HOL	7		5432		177		232		620		1134	
-NJ: COASTAL-												
CAPE MAY 2 NW	10		4737		229		270		669		1184	
LONG BRANCH OAKHURS	3				134				581		973	

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  
Center**

1123 Bradfield Hall  
Cornell University  
Ithaca, NY 14853-1901

