

Northeast Regional Climate Center

Mid-Atlantic Climate

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CLIMATE DIVISION MAPS



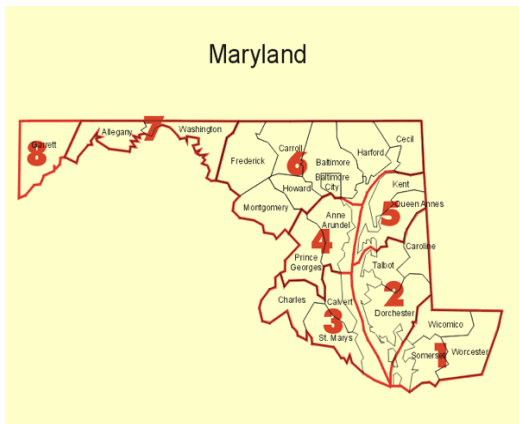
New Jersey Climate Divisions

- 1 Northern
- 2 Southern
- 3 Coastal



Delaware Climate Divisions

- 1 Northern
- 2 Southern



Maryland Climate Divisions

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

AUGUST WEATHER HIGHLIGHTS

Cool conditions dominated the Mid-Atlantic in August. The region's average temperature of 71.5 degrees was 2.5 degrees below normal, making it the coolest August in 20 years. All states and their divisions saw below-normal temperatures. At 2.8 degrees below normal, Maryland had its 18th coolest August on record. Three of its divisions ranked the month among their top 10 coolest: Northern Central division, 4th coolest; Southeastern Shore, 6th coolest; and Appalachian Mountains, 10th coolest. New Jersey was 2.2 degrees cooler than normal. The state's Southern division had its 15th coolest August. Delaware wrapped up August 2.0 degrees cooler than normal. The high temperature of the month was 94 degrees. Pottersville, NJ, recorded the temperature on the 6th, while Baltimore's Maryland Science Center reported it on the 31st. Once again, Oakland, MD, was the region's cool spot. The site had a low of 41 degrees on the 16th.

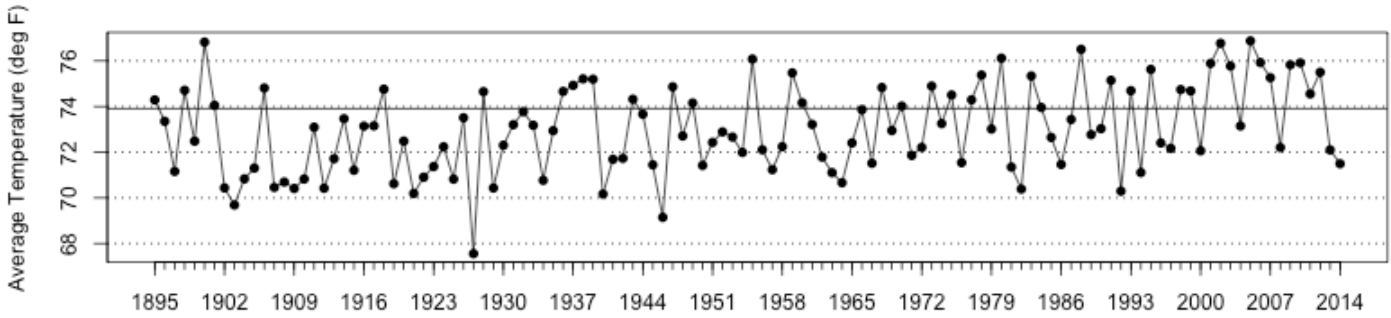
August was another wetter-than-normal month for the Mid-Atlantic, but barely. The region picked up 4.13 inches of rain, 103 percent of normal. Delaware was the wettest state at 118 percent of normal. While Maryland saw 102 percent of normal rainfall for the month, its Southeastern Shore division had its 9th driest August. New Jersey saw 101 percent of normal precipitation, with its Northern division having its 16th driest August. New Jersey was home to the month's largest monthly and daily rain totals. Atlantic City International Airport received 9.91 inches of rain during the month, and Millville Municipal Airport saw 8.92 inches of rain on the 12th.

Extreme rainfall shattered records and caused significant flash flooding in parts of the Mid-Atlantic on August 12. Numerous roads, including major highways, were submerged under feet of water, leaving cars stranded and leading to dozens of water rescues. Two long-term parking lots at Baltimore-Washington International Airport were partially flooded, as well. Baltimore, MD, saw over 6.30 of rain on the 12th, making it the highest amount of precipitation for any calendar day that was non-tropical based.

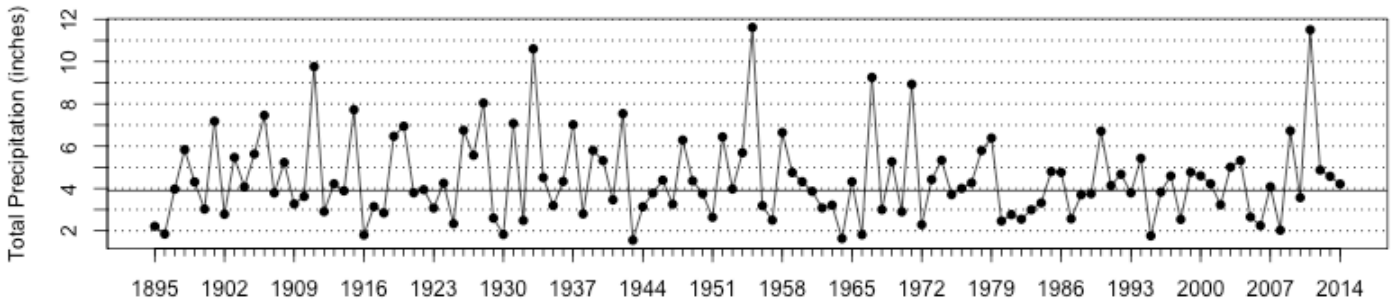
Daily Precipitation Records (inches)

Station	Date	New	Previous
Atlantic City, NJ	12	4.41	3.13 in 1901
Baltimore, MD	12	6.30	4.91 in 1955
Washington Dulles, DC	21	1.43	1.42 in 1973

Mid Atlantic Average August Temperatures



Mid Atlantic August Precipitation Totals



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

Comfort Reigns August and Summer of 2014 Recaps

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

August Overview

A month ago, many NJ residents felt July was quite cool, while in fact it was just 0.4° below the 1981-2010 mean. Such was not the case in August, which truly was on the cool side. The statewide average temperature of 71.0° was 2.4° below average. It ranks as the 32nd coolest since 1895. Even when compared to the 1895-present mean, the month was 1.5° below average. Days with a maximum temperature of 90° or greater were hard to find, certainly a characteristic of the summer of 2014, which will be discussed later in this narrative.

Precipitation varied widely across the Garden State in August, rather typical of a summer month in these parts. Individual station totals ranged from 12.33" in Lacey Township (Ocean County) to 1.01" in Hillsborough (Somerset). When monthly totals from several dozen long-term stations were averaged together, the statewide precipitation was 4.39". This is 0.18" above the 1981-2010 mean (0.26" below the 1895-present mean) and ranks as the 53rd wettest of the past 120 Augusts. It must be noted that the heavy rain that fell after 8 AM on the 31st is not accounted for in most August station totals. For the monthly state average, only several stations that observe at midnight have their full August 31st totals included, while monthly totals at most other National Weather Service Cooperative stations only run through the morning of the 31st. For more on this observing practice, see the [April 2014 report](#).

Precipitation and storms

The coastal counties of Ocean and Atlantic were wettest in August. In addition to the previously mentioned Lacey Township foot plus total, impressive accumulations were seen at a Stafford Township (Ocean) station with 10.39", Lavallette (Ocean) 10.20", Buena Vista (Atlantic) 9.70", and Little Egg Harbor (Ocean) 9.57". Two other Stafford stations came in with 9.19" and 8.58". Scattered locations in northern and central sections often missed the passing downpours. In addition to the Hillsborough total (another station in that community caught 2.05"), other stations with under 1.50" to show for the month included Roxbury Township (Morris) 1.04", Ringwood (Passaic) 1.16", Mine Hill Township (Morris) 1.35", Wantage (Sussex) 1.43", and Flemington (Hunterdon) 1.47".

There were only three August episodes that resulted in heavy rainfall in parts of NJ. For each, several stations received more than 3.00", while little to none fell in other locations. Each event resulted in local flooding of small streams and roadways. The first included periods of showers from the afternoon of the 1st until mid morning on the 2nd, with the rain resuming later that day and continuing into the morning of the 3rd. Wildwood Crest (Cape May) took top honors with 3.79", followed by Upper Township (Cape May) 3.65", Egg Harbor Township (Atlantic) 3.46", and Middle Township (Cape May) 3.45". Six of the approximately 200 CoCoRaHS stations caught more than 3.00", 20 between 2.00"-2.99", and 50 from 1.00"-1.99". The heaviest rain was in the southeast, with somewhat lesser amounts in the remainder of the southern half of the state, and tapering to no rain in portions of the northwest.

The next event brought excessive rain along a narrow path that extended from eastern Cumberland County northward to the southern coast of Monmouth County. An [earlier report](#) covered this overnight 12th into 13th event in some detail. The 8.94" that inundated Millville (Cumberland) is likely to only be seen at a given location in south Jersey once every

100 years. Other impressive totals were Lacey Township (Ocean) 8.35", Stafford Township (Ocean) 7.24", Buena Vista (Atlantic) 6.79", Lavallette (Ocean) 6.55", and Vineland 6.51". Three other locations caught between 7.00-7.99", five from 6.00"-6.99", nine from 5.00"-5.99", 12 between 3.00"-4.99", and 49 from 1.00"-2.99". In the northwest, Wantage only saw 0.05" and Branchburg (Somerset) 0.08". Over an inch fell from Monmouth and Burlington counties southward. Flooding damaged roadways and the foundations of some homes.

Beginning with scattered showers in the north during the morning of the 21st and transitioning into drenching storms during that evening and early morning on the 22nd, heavy totals were observed in the Interstate 78 corridor. Greenwich Township (Warren) received 3.37", Holland Township (Hunterdon) 3.21", and one location in Bridgewater (Somerset) 3.00". Four other Bridgewater locations caught 1.69", 1.62", 1.47" and 1.20". Ten stations saw 2.00-2.99", and 70 between 1.00-1.99". At least an inch fell from Sussex County southeastward into Ocean County. The northeast corner and most of the southern third of the state saw several tenths, with less than 0.10" in the far southwest.

The aforementioned event on the 31st began with storms in the northern half during the afternoon and ended in south Jersey during the pre-dawn hours of September 1st. Rainfall exceeded 3.00" at several locations in Gloucester and Camden counties. This will be covered in more detail in the September narrative.

The highest pressures of the month were close to 30.30" on the 30th, while the lowest were in the upper 29.60"s on the 13th. Winds gusted to 40 mph or greater at [NJWxNet](#) stations on just three August days. Stewartsville (Warren) received a 44 mph gust on the 1st and Seaside Heights (Ocean) saw a 40 mph gust on the 12th. The windiest day of the month was the 13th, with coastal stations gusting to 50 mph at Harvey Cedars (Ocean), 46 mph in Sea Girt (Monmouth), and 40 mph at Seaside Heights. On the 13th, seven stations had peak gusts between 30-39 mph.

Temperature

Maximum temperatures equaled or exceeded 90° at one or more of the 56 [NJWxNet](#) stations on just four August afternoons. Hawthorne (Passaic) made it to 92° on the 5th, when six other stations reached 90°. It wasn't until the last week of the month that 90° conditions reappeared. On the 26th, Hawthorne was 92° and Cherry Hill (Camden) 90°. The 27th saw Hawthorne up to 93°, Haworth (Bergen) at 92°, and six locations either 90° or 91°. The 31st was the warmest August day across NJ. Hillsborough (Somerset) and Greenwich (Cumberland) made it to 93°, seven stations were 92°, and 18 were either 90° or 91°.

There were a number of cool nights during the month. On 12 mornings, Walpack (Sussex), the often chilly northwest valley location, dropped into the 40's. This was followed closely by Pequest (Warren) with 10 such days. On several occasions other locations reached the upper 40's. Walpack dropped to 45° on the 7th, with Pequest at 48°. The 8th found Walpack at 43°, Pequest 46°, and Kingwood (Hunterdon) 49°. The 9th saw Pequest at 48° and Walpack 49°. The next day, Walpack was 47° and Pequest 49°. Walpack stood alone in the 40's at 47° on the 14th. The two coolest mornings of the month statewide occurred on the 15th and 16th. The first day found Pequest at 44°, Walpack 45°, Kingwood 46°, and six stations between 47°-49°. On the 16th, Pequest made it down to 44°, Walpack 46°, and seven stations between 47°-49°. On the 18th-19th, Walpack was 42° and 43°, respectively, and Pequest 47° both days. Walpack was 48° on the 28th, and 42° on the 29th, when Pequest dipped to 44°. The 30th saw Walpack at 46° and Pequest 47°. Coastal stations failed to dip below 60° throughout the month, only reaching 60° or 61° on several occasions at locations including Seaside Heights (Ocean), Harvey Cedars (Ocean), Atlantic City Marina (Atlantic), and West Cape May (Cape May).

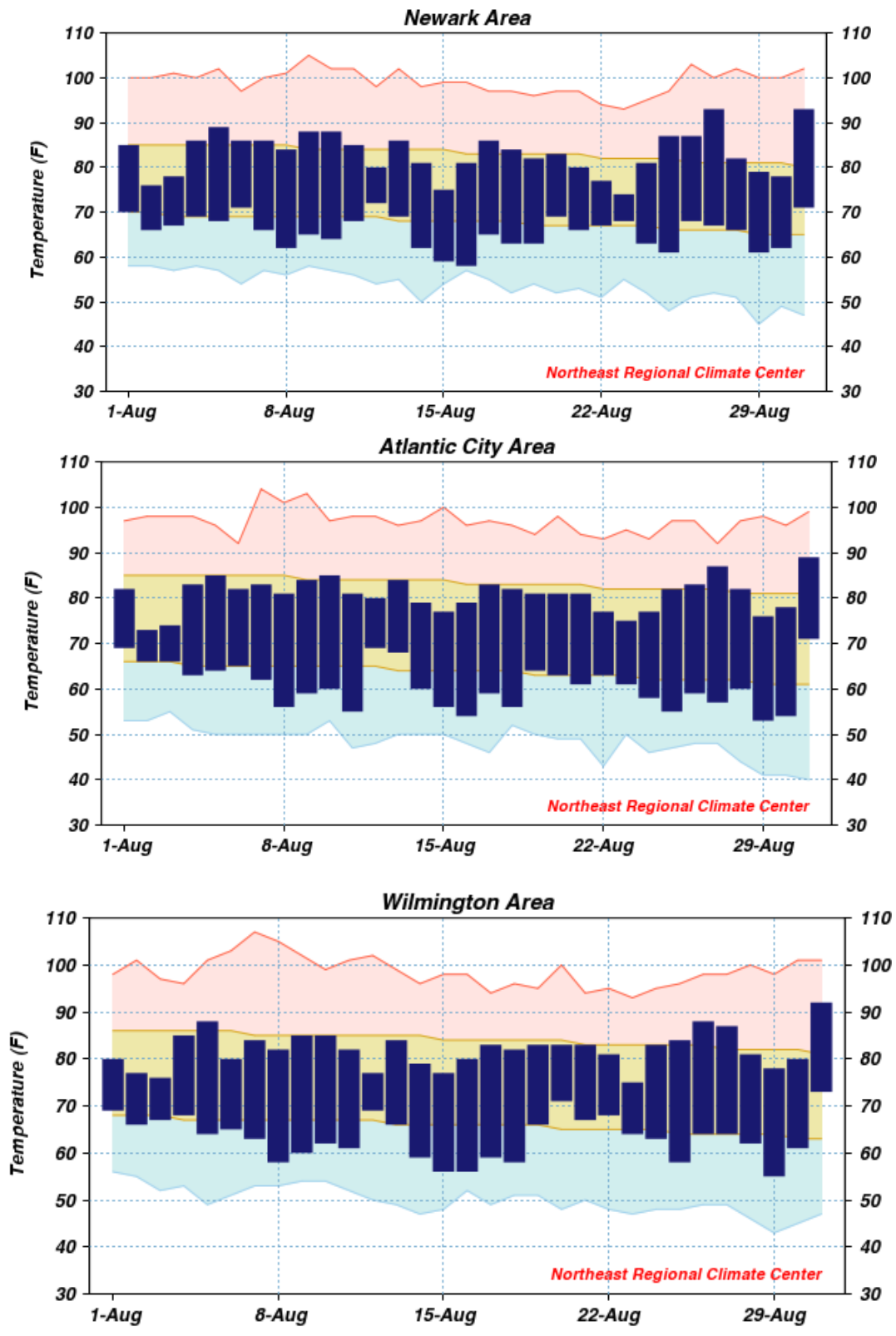
Summer Overview

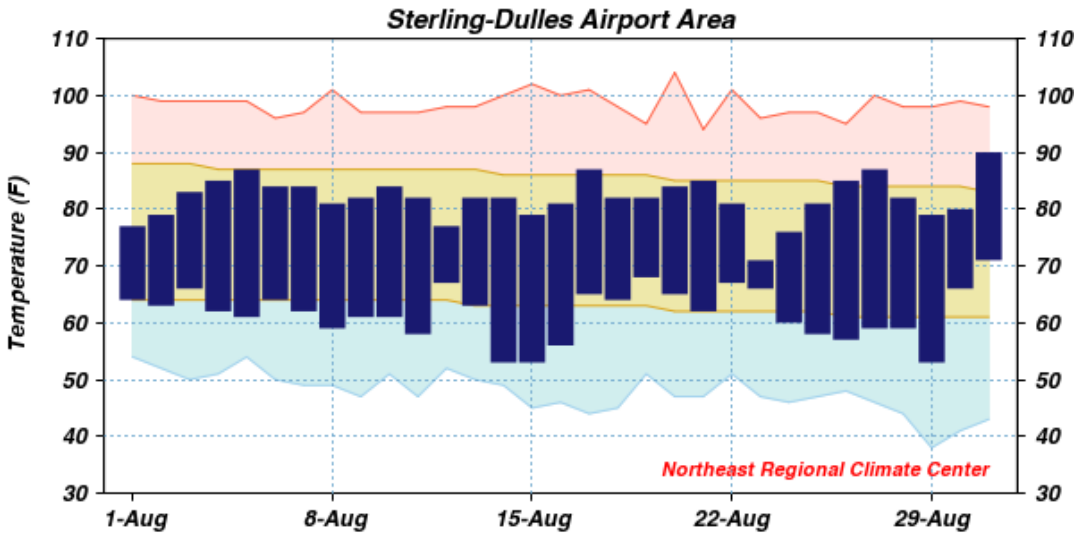
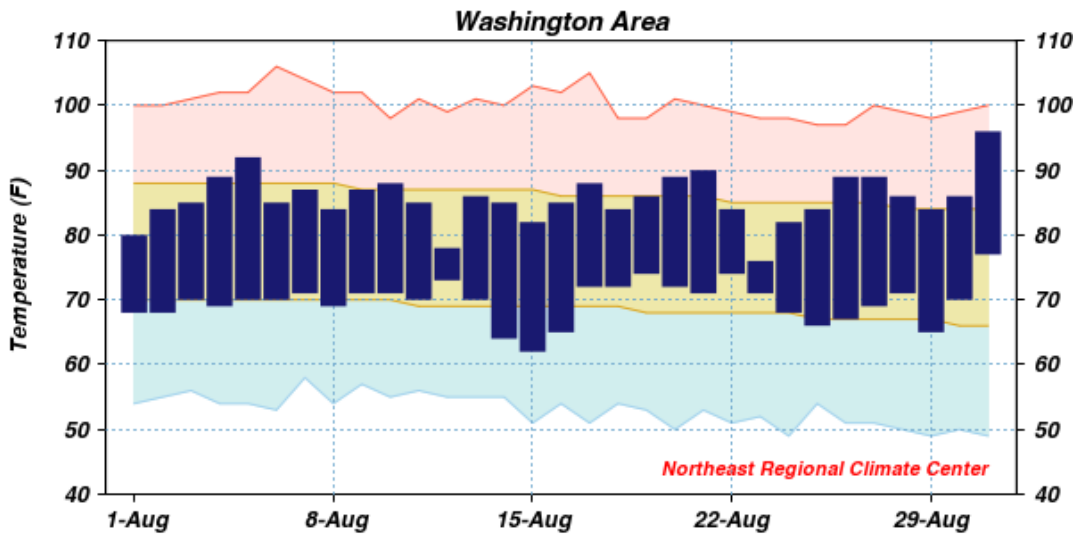
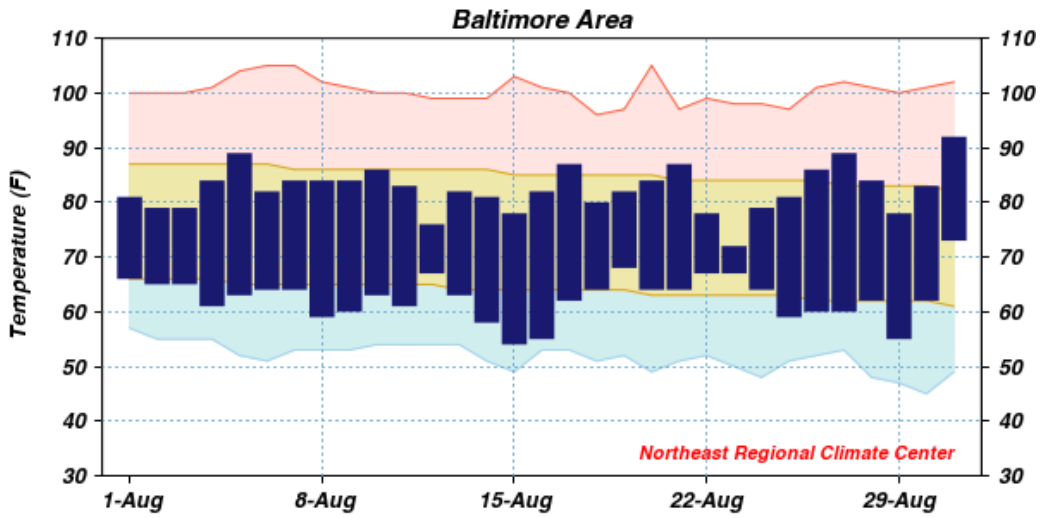
Perhaps the best word to describe the 2014 summer (June-August) is “comfortable.” Statistically, the primary word is “average.” The average temperature of 72.1° was 0.7° below the 1981-2010 mean. However, it ranks as the 54th warmest of the past 120 summers, and compared to the 1895-present mean it was 0.1° above average. The first half of the summer was on the warm side, while conditions from mid July through August were cooler than average. There were frequent transitions from warm to cool temperatures and back again. This resulted in the absence of extended periods of heat and humidity. In fact, there were only two occasions when some, but certainly not all, locations around NJ experienced three consecutive days with maximum temperatures equal or exceeding 90°. These were July 1-3 and July 7-9. The total number of 90° days were below average throughout NJ (recognizing that September days will add to totals). This followed four consecutive summers with temperatures averaging in the top 15, an unprecedented run of abnormal warmth.

Summer precipitation averaged 13.00”. This is 0.25” above the 1981-2010 mean, and just 0.07” above the 1895-present mean. This ranks as the 56th wettest on record. Leading the way was Lacey Township (Ocean) with 19.24”, followed by Belmar (Monmouth) with 18.26”, Howell (Monmouth) 17.88”, Buena Vista (Atlantic) 17.45”, and Wall Township (Monmouth) 17.24”. Pockets of drier-than-average conditions were found around the state. In the southwest corner, Upper Deerfield (Cumberland) caught only 9.41”, while elsewhere in the south Collingswood (Camden) came in with 10.24” and Wildwood Crest (Cape May) with 10.89”. In the north, Boonton (Morris) received just 10.10” and Blairstown (Warren) 10.64”.

Another characteristic of the summer of 2014 was the abundance of stellar weekend and holiday weather days. Going back to Memorial Day weekend (May 24th-26th) and extending through Labor Day (September 1), we evaluated the 33 weekend/holiday days. This included looking at maximum temperatures, daily precipitation, and average solar radiation at a handful of stations up and down the coast (though results generally hold throughout the state). A combination of these observations and some subjective judgment had us awarding each day a double thumbs up, thumbs up, neutral, thumbs down, or a double thumbs down. For the season, 11 days earned a double thumbs up, 10 a single thumbs up, 6 were neutral, 5 a thumbs down and 1 a double thumbs down. Memorial Day and Labor Day each received double thumbs up and were both considerably warmer than July 4th, which earned the single double thumbs down. A dreary 4th was due to the western edge of Hurricane Arthur impacting coastal areas and a stalled front providing light rain and clouds in the north. While ratings aren’t available for previous summers, we are confident that not too many recent ones have been any nicer than 2014.

DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL





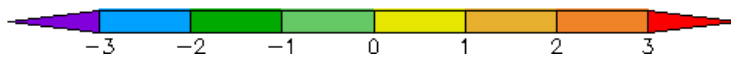
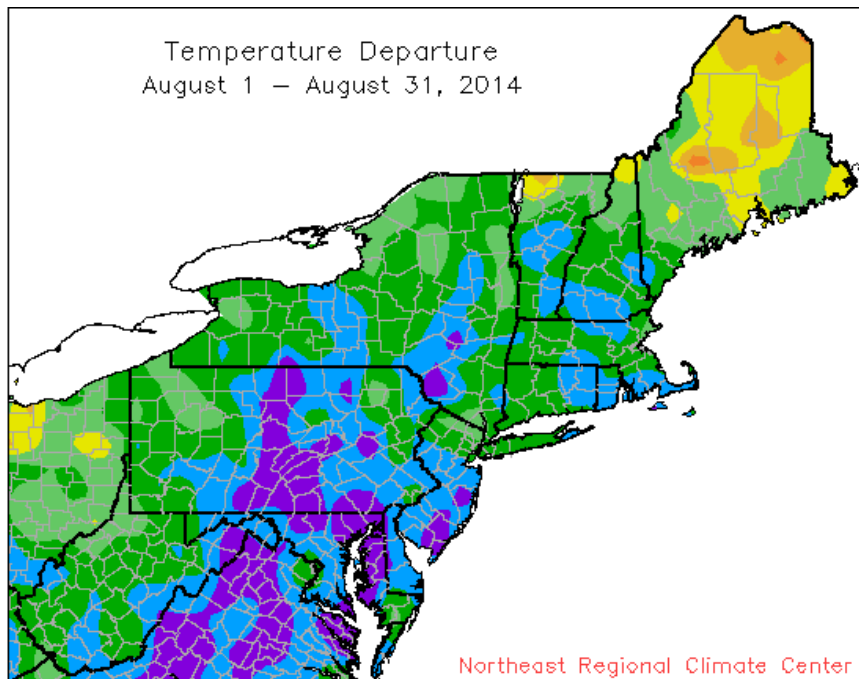
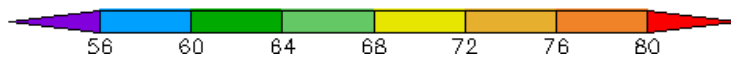
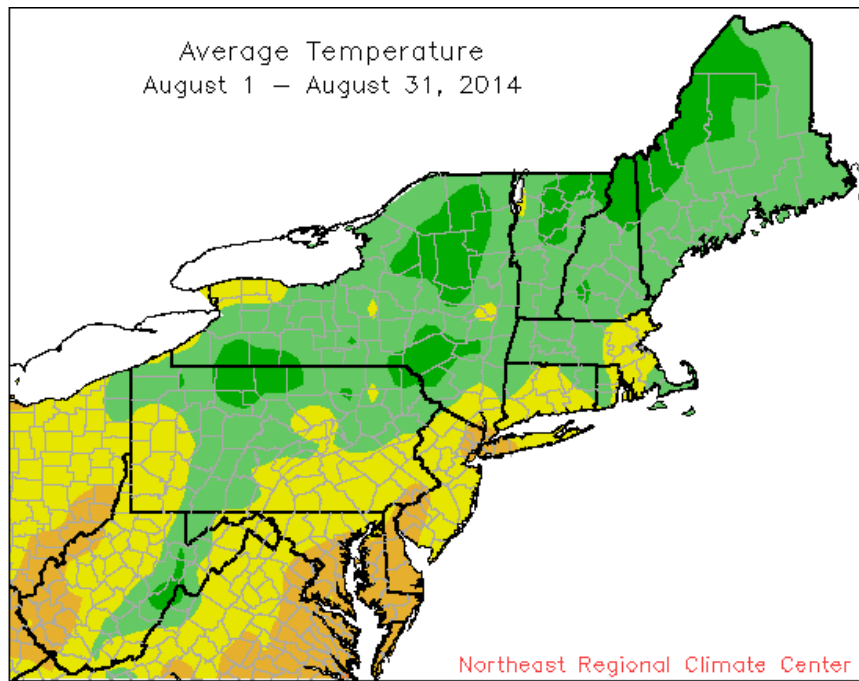
Observed daily maximum and minimum temperatures are connected by dark blue bars.

Area between normal max and min temperatures has tan shading.

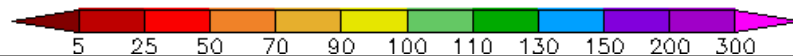
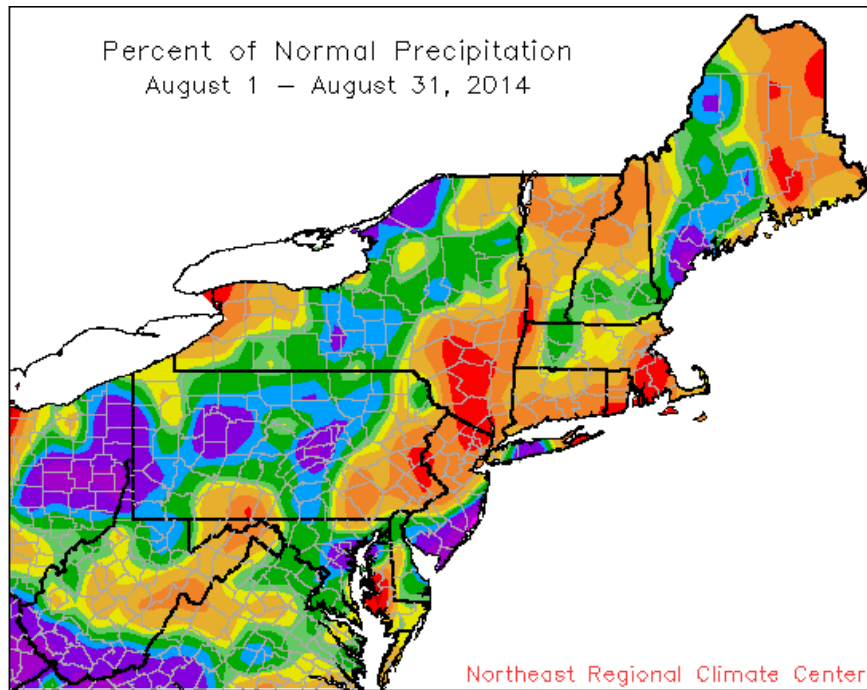
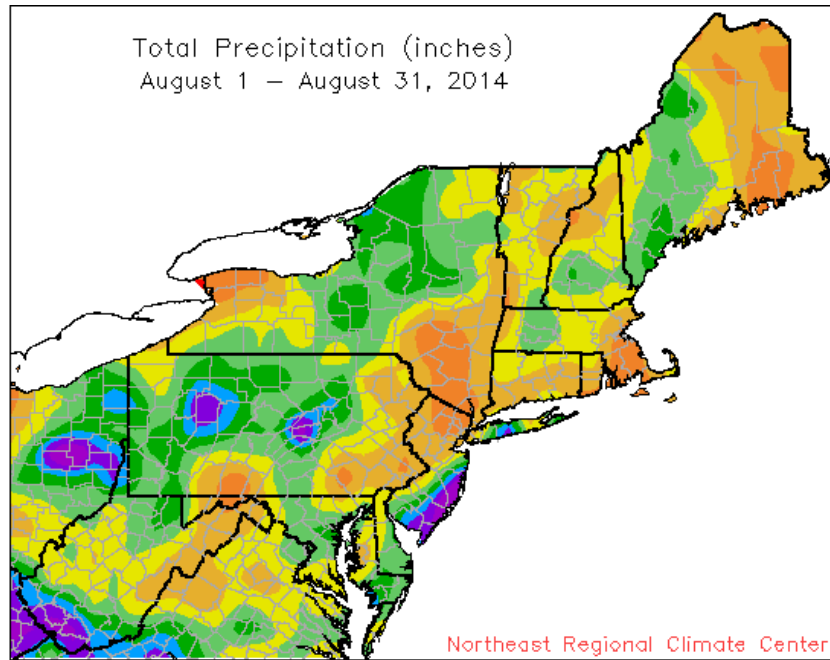
Red line connects record high temperatures.

Light blue line connects record low temperatures.

MONTHLY TEMPERATURE MAPS



MONTHLY PRECIPITATION MAPS



PRELIMINARY MONTHLY SUMMARIZED DATA AUGUST 2014

STATION	TEMPERATURE (F)						PRECIPITATION (INCHES)										
	MONTHLY AVERAGES			EXTREMES		NUMBER OF DAYS				MONTHLY TOTALS			EXTREMES		SNOWFALL		
	AVG MAX	AVG MIN	MON 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	82.1	63.3	72.7	92	31	55	29	1	0	12	0	4.77		5	2.51	12	0
WILMINGTON PORTER R	81.7	63.8	72.7	92	31	57	29	1	0	15	0	3.88		6	2.04	12	0
-DIVISION-			72.7 -2.2									4.32	0.85				
-DE: SOUTHERN-																	
DOVER	82.9	63.9	73.4	92	31	58	29+	1	0	15	0						0
-DIVISION-			73.4 -2.0									5.23	+0.75				
-STATE-			73.2 -2.0									5.03	+0.77			0	
-MD: SOUTHEASTERN-																	
SALISBURY WICOMICO	84.6	64.7	74.6	93	31	58	30+	2	0	15	0	4.34		6	1.56	2	0
SNOW HILL 4 N	83.8	61.5	72.7	91	31	52	29	1	0	11	0	4.99		7	2.30	2	NM
SALISBURY 2N	83.9	59.7	71.8	90	31	55	29+	1	0	6	0	4.60		6	2.37	2	NM
-DIVISION-			73.0 -2.6									4.64	-0.01				
-MD: CENTRAL EAST-																	
ROYAL OAK 2 SSW	83.5	63.4	73.5	91	31	53	29	1	0	12	0	1.55		3	0.60	3	0
-DIVISION-			73.5 -3.0									1.55	-2.57				
-MD: LOWER SOUTHE-																	
MECHANICSVILLE 5 N	80.7	61.3	71.0	87	22	55	16+	0	0	6	0						0
SOLOMONS *	82.6	68.9	75.7	91	31	63	15										NM
ST INIGOES WEBSTE*	81.7	64.4	73.0	87	21	57	15										NM
-DIVISION-			73.2 -2.0									3.22	-0.71				
-MD: UPPER SOUTHE-																	
BALTIMORE WASH INT	82.5	62.5	72.5	92	31	54	15	1	0	8	0	7.90		5	6.30	12	0
BELTSVILLE	81.7	62.7	72.2	89	6	53	29	0	0	9	0	3.94		5	2.85	13	0
DALECARLIA RSVR *	83.0	64.1	73.5	89	7+	55	15										0
LAUREL 3 W	83.4	65.6	74.5	92	31	57	29+	2	0	19	0	4.97		8	2.88	12	NM
MD SCI CTR BALTIMO	82.9	68.5	75.7	94	31	62	15+	2	0	27	0	6.35		4	5.42	12	NM
NATL ARBORETUM DC	86.0	65.7	75.8	92	31+	57	15	7	0	18	0	2.73		7	1.30	13	0
OXON HILL	82.6	64.2	73.4	90	6	58	15	1	0	16	0	5.52		7	3.86	13	0
UPPER MARLBORO 3 N	83.0	62.4	72.7	89	28+	53	29+	0	0	13	0	4.44		4	3.45	13	NM
-DIVISION-			73.8 -2.2									5.12	1.53				
-MD: NORTHEASTERN-																	
STEVENSVILLE	81.4	66.4	73.9	86	28+	63	29+	0	0	24	0	3.74		5	2.73	13	0
-DIVISION-			73.9 -1.7									3.74	0.36				
-MD: NORTHERN CEN-																	
ABERDEEN PHILLIPS	81.3	61.7	71.5	88	28	55	30+	0	0	10	0	5.01		4	3.73	13	0
BRIGHTON DAM	79.9	60.5	70.2	86	29+	51	16+	0	1	6	0	4.96		6	3.01	13	0
CONOWINGO DAM	79.3	61.0	70.2	87	31	53	16	0	0	7	0	3.61		4	2.53	12	NM
CYLBURN	77.6	61.8	69.7	84	28	55	15	0	1	7	0						NM
DAMASCUS 3 SSW	78.9	61.5	70.2	88	31	50	15	0	1	9	1	3.44		7	1.19	12	0
EMMITSBURG 2 SE	80.1	57.9	69.0	87	28	48	16	0	0	1	2	5.16		6	1.93	24	0
MILLERS 4 NE	80.1	59.3	69.7	87	31	48	15	0	0	4	3	3.64		7	1.31	12	0
-DIVISION-			70.1 -3.8									4.30	0.73				
-MD: APPALACHIAN -																	
CUMBERLAND 2	83.9	59.9	71.9	92	31+	49	16	3	0	6	3	2.28		5	0.91	13	NM
FROSTBURG 2	75.4	55.9	65.6	83	31+	45	15	0	6	1	6	3.15		5	0.91	12	NM
SHARPSBURG 5 S	81.2	57.6	69.4	87	28+	47	16+	0	1	1	5						NM
-DIVISION-			69.0 -2.7									2.72	-0.44				
-MD: ALLEGHENY PL-																	
OAKLAND 1 SE	76.1	53.9	65.0	86	31	41	16	0	3	0	8	4.99		9	1.55	23	0
SAVAGE RIVER DAM *	76.9	56.7	66.8	85	28	46	17+										NM
KITZMILLER 1 W	79.1	57.1	68.1	87	31	46	16	0	1	1	4						NM
-DIVISION-			66.6 -1.3									4.99	1.31				
-STATE-			71.4 -2.8									3.84	-0.07			0	
-NJ: NORTHERN-																	

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 MAX	DAY MIN	90+ 70-	70- 65+	65+ 50-	MON TOT	DEPRT 0.1+	DAYS	DLY MAX	DAY	MON TOT	DLY MAX	
BELVIDERE BRG *	80.7	56.2	68.4			89	11+	49	1		0	1		2.10	3	1.27	22	0	
BOONTON 1 SE	82.5	59.5	71.0			90	28+	53	30		3	0	4	0	2.47	5	0.85	2	0
BOUND BROOK 2 W														3.47	3	1.93	22	0	
CANISTEAR RSVR														1.57	3	0.90	22	0	
CANOE BROOK	82.7	60.3	71.5			92	31	53	29		2	0	4	0	3.36	5	1.28	31	NM
CHARLOTTEBURG RSVR	80.0	57.6	68.8			88	6	49	16		0	1	2	1	1.30	4	0.59	22	0
CRANFORD	82.7	64.0	73.3			91	28+	56	9		2	0	17	0	1.86	3	0.76	13	0
FLEMINGTON 5 NNW	82.1	58.1	70.1			91	28	51	30+		1	1	2	0	2.36	5	1.23	22	0
HARRISON	82.2	63.9	73.1			93	28	59	29+		3	1	13	0	1.63	3	0.58	13	NM
LAMBERTVILLE														1.87	4	0.82	22	0	
NEWARK INTL AP	83.2	65.7	74.5			93	31+	58	16		2	0	20	0	1.76	5	0.51	2	0
OAK RIDGE RSVR														1.07	3	0.44	22	0	
PHILLIPSBURG EASTO	81.3	59.2	70.3			89	28	53	18+		0	1	3	0	4.76	4	3.80	22	0
POTTERSVILLE 2 NNW	80.5	60.4	70.4			94	6	54	16		2	3	5	0	1.85	3	1.04	22	0
SUSSEX 2 NW	80.4	57.4	68.9			88	28	49	16		0	1	3	3					0
WAYNE	82.3	62.1	72.2			91	28	55	15		1	0	9	0	1.34	4	0.40	2	0
WERTSVILLE 4 NE	80.6	58.5	69.6			90	28	51	29		1	1	1	0	1.84	3	0.72	22	0
RIEGELSVILLE														2.40	4	1.93	22	0	
TOCKS ISLAND	78.6	58.6	68.6			86	28	51	15		0	2	6	0					NM
-DIVISION-			70.8	-1.1										2.22	-1.92				
-NJ: SOUTHERN-																			
ATLANTIC CITY INTL	80.8	60.8	70.8			89	31	53	29		0	0	7	0	9.91	6	4.41	12	0
ESTELL MANOR	80.4	59.2	69.8			86	28+	51	29		0	0	5	0	9.43	3	6.17	13	0
FREEHOLD MARLBORO	82.4	60.0	71.2			89	28+	51	29		0	0	6	0					0
HAMMONTON 1 NE	82.0	60.6	71.3			89	28+	54	31+		0	0	8	0	6.39	4	3.47	13	0
HIGHTSTOWN 2 W	82.8	57.3	70.1			90	28+	49	29		2	0	2	2	2.87	4	1.11	13	0
INDIAN MILLS	81.6	58.9	70.3			89	31	51	30		0	0	7	0	3.57	8	1.61	13	0
MILLVILLE MUNI AP*	81.6	60.3	70.9			88	5	50	29					9.54	2	8.92	12	NM	
NEW BRUNSWICK 3 SE	82.5	59.6	71.1			91	28	50	29		2	0	7	1	1.89	4	0.70	13	0
SEABROOK FARMS	83.0	62.9	72.9			89	28+	54	29		0	0	14	0	5.95	3	4.85	13	0
SOMERDALE 4 SW	82.3	61.4	71.8			89	28+	53	15		0	0	11	0	3.08	5	1.82	13	0
ATSION	79.6	59.0	69.3			87	28	51	30+		0	2	4	0	4.59	4	2.38	13	0
TRENTON MERCER CO	81.5	62.0	71.8			89	31+	53	16		0	0	11	0	3.46	8	1.26	21	NM
PHILADELPHIA MT HO	80.0	59.9	70.0			87	6	51	25		0	0	2	0	3.60	6	1.94	13	0
-DIVISION-			70.9	-2.9										5.36	1.06				
-NJ: COASTAL-																			
ATLANTIC CITY *	77.3	68.7	73.0			86	27	61	29										0
CAPE MAY 2 NW	81.8	64.0	72.9			88	27	58	29		0	0	14	0	5.65	4	2.38	2	0
LONG BRANCH OAKHUR	79.6	62.1	70.9			88	31	56	30+		0	0	10	0	6.93	4	5.05	12	0
-DIVISION-			72.3	-2.1										6.29	2.19				
-STATE-			71.0	-2.2										4.28	0.05				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.

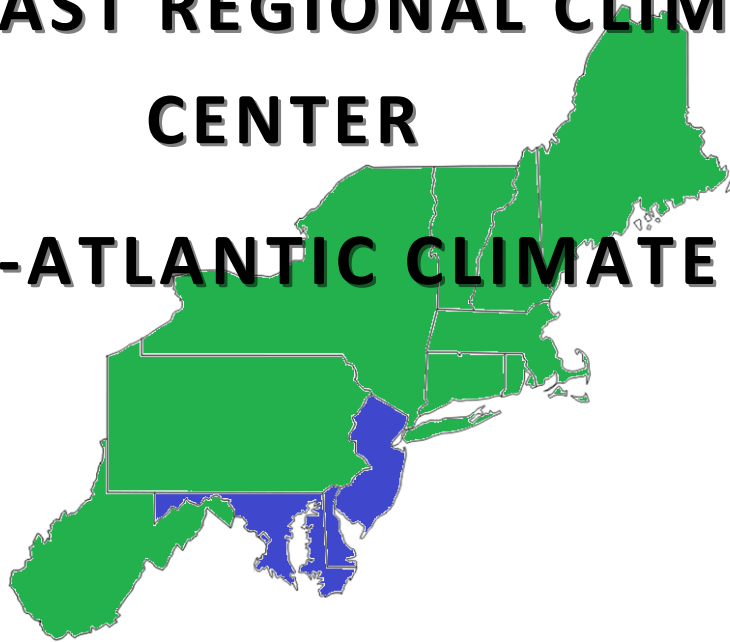
PRELIMINARY MONTHLY DEGREE DATA AUGUST 2014

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	0		0		247		906		712		2792	
WILMINGTON PORTER RS	0		0		247				712			
-DE: SOUTHERN-												
DOVER	0		0		271				736		2935	
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	0		0		304		1122		769		3138	
SNOW HILL 4 N	0		0		243				708		3014	
SALISBURY 2N	0		0		215				680			
-MD: CENTRAL EASTERN SHORE-												
ROYAL OAK 2 SSW	0		0		268		1036		733		3033	
-MD: LOWER SOUTHERN-												
MECHANICSVILLE 5 NE	0		1		192				657			
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	0		0		241		917		706		2826	
BELTSVILLE	0		2		231		902		696		2805	
LAUREL 3 W	0		0		302				767			
MD SCI CTR BALTIMOR	0		0		338		1218		803		3240	
NATL ARBORETUM DC	0		0		342				807			
OXON HILL	0		0		270		996		735		2980	
UPPER MARLBORO 3 NN	0		1		246		942		711		2859	
-MD: NORTHEASTERN SHORE-												
STEVENSVILLE	0		0		284				749			
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	0		0		207		835		672		2700	
BRIGHTON DAM	0		4		169				634			
CONOWINGO DAM	0		0		169		638		634		2410	
CYLBURN	1		3		156				620			
DAMASCUS 3 SSW	2				172				635			
EMMITSBURG 2 SE	3		9		133		630		595		2428	
MILLERS 4 NE	7		10		159		623		617		2439	
-MD: APPALACHIAN MOUNTAIN-												
CUMBERLAND 2	1		4		222				686			
FROSTBURG 2	40		84		66				491			
SHARPSBURG 5 S	6		14		150				609			
-MD: ALLEGHENY PLATEAU-												
OAKLAND 1 SE	49		112		59				475		1826	
KITZMILLER 1 W	15		35		118				568			
-NJ: NORTHERN-												
BOONTON 1 SE	1		1		196				660			
CANOE BROOK	0		0		209				674			
CHARLOTTEBURG RSVR	8				132				589			
CRANFORD	0		0		266		882		731		2738	
FLEMINGTON 5 NNW	4		6		172		661		633		2425	

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	0				259				724			
NEWARK INTL AP	0		0		300		985		765		2877	
PHILLIPSBURG EASTON	2				174				637			
POTTERSVILLE 2 NNW	4		4		179		829		640		2623	
SUSSEX 2 NW	9		10		136				592		2281	
WAYNE	0		0		230				695			
WERTSVILLE 4 NE	3		4		152				614			
TOCKS ISLAND	8		11		127		504		584		2230	
-NJ: SOUTHERN-												
ATLANTIC CITY INTL	0		0		189		712		654		2515	
ESTELL MANOR	0		0		156		667		621		2478	
FREEHOLD MARLBORO	0		0		199				664			
HAMMONTON 1 NE	0		0		203		802		668		2635	
HIGHTSTOWN 2 W	2				167				630			
INDIAN MILLS	1				172				636			
NEW BRUNSWICK 3 SE	2		2		200		755		663		2561	
SEABROOK FARMS	0		0		252		937		717		2816	
SOMERDALE 4 SW	0		0		219		950		684		2862	
ATSION	3		3		143				605			
TRENTON MERCER CO A	0		0		219		783		684		2620	
PHILADELPHIA MT HOL	1		1		162		668		626		2499	
-NJ: COASTAL-												
CAPE MAY 2 NW	0		0		252		816		717		2660	
LONG BRANCH OAKHURS	0		0		189				654		2348	

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



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