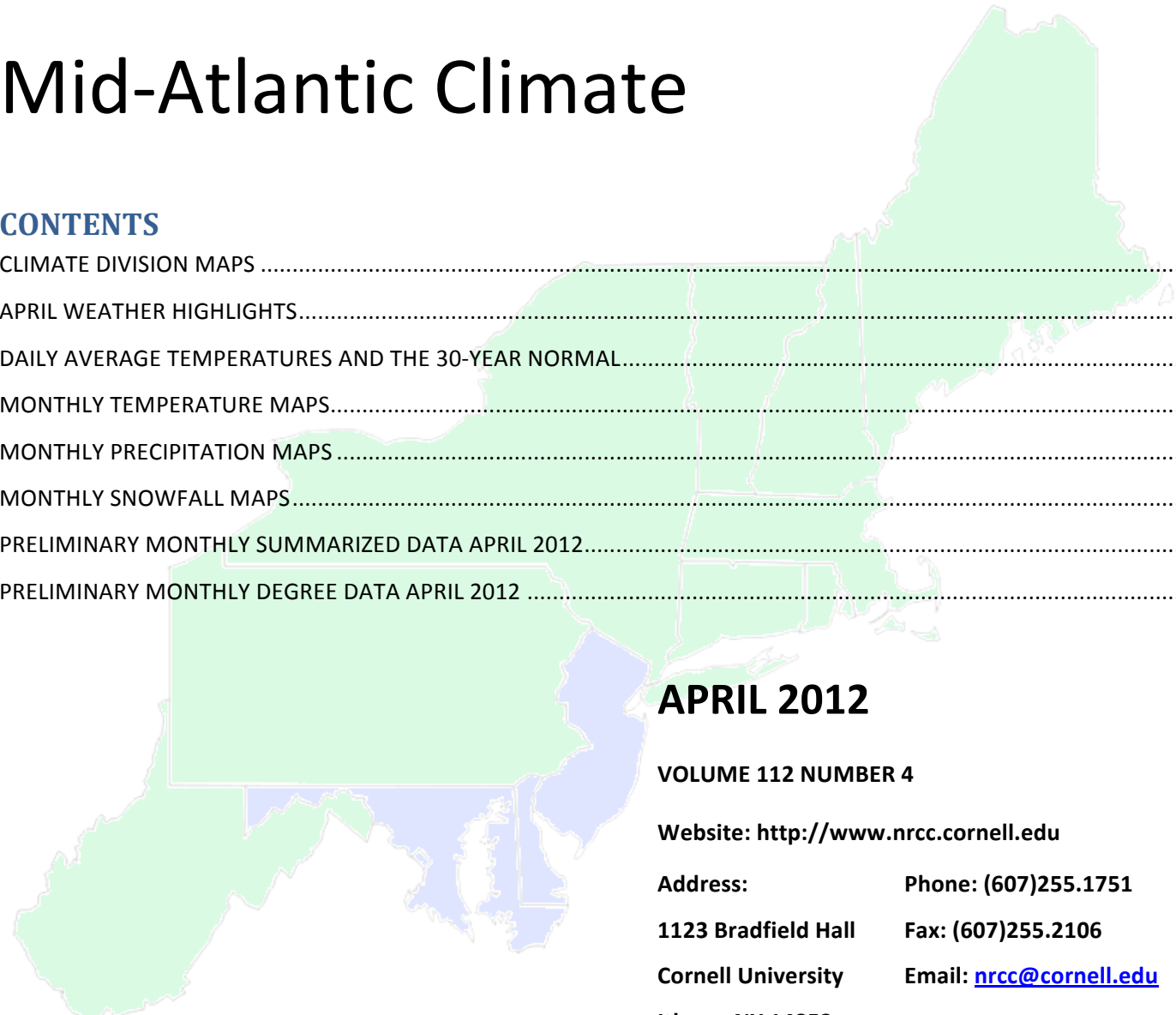


Northeast Regional Climate Center

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

APRIL WEATHER HIGHLIGHTS

April temperatures in the Mid-Atlantic continued the warm trend that began in Feb 2011. The monthly average for the region was 53.5 degrees. This was 0.9 degrees warmer than normal, but 2.1 degrees cooler than April 2011. It was the 28th warmest April since 1895, the 22nd warmest April in Delaware and the 18th warmest in New Jersey. Maryland's departure from normal was only +0.2 degrees, but Delaware ended up 1.4 degrees warmer than normal, and New Jersey, +1.7 degrees. Chatham, NJ saw the highest reading this month, 95 degrees, on the 17th. The cold spot this month was Oakland, MD, where the temperature fell to 25 degrees on the 7th.

The Mid-Atlantic's precipitation total was 2.67 inches, or 71 percent of normal. The total was 2.32 inches less than the same month in 2011. It was the driest April since 2001 and the 28th driest April since recordkeeping began in 1895. Precipitation departures among the states were 83% of normal in Delaware, 71% of normal in New Jersey, and 68% of normal in Maryland. It was the 26th driest April in Maryland since recordkeeping began in 1895. The wettest observation station this month was Lambertville, NJ with a monthly total of 3.83 inches.

Daily Maximum Temperature Records (°F)

<u>Station</u>	<u>Date</u>	<u>New</u>	<u>Previous</u>
Baltimore, MD	16	90	90 in 2002

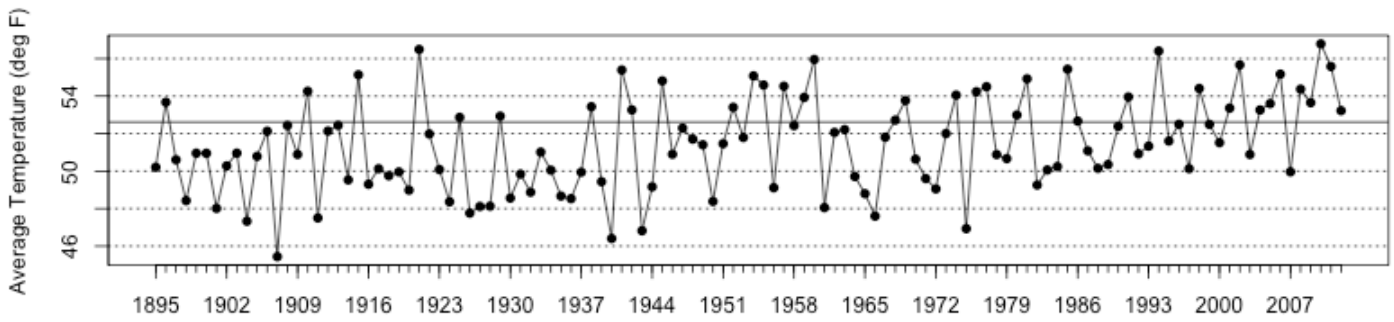
Daily Minimum Temperature Records (°F)

<u>Station</u>	<u>Date</u>	<u>New</u>	<u>Previous</u>
Atlantic City, NJ	28	28	30 in 1993

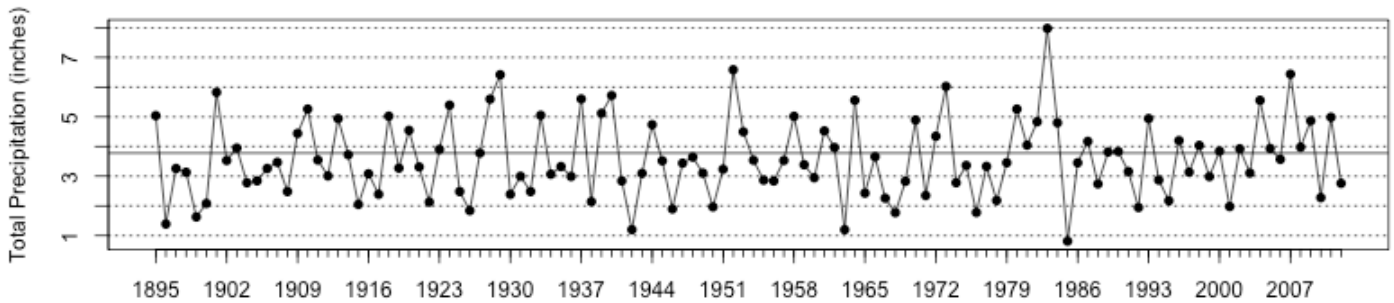
Daily Precipitation Records (inches)

<u>Station</u>	<u>Date</u>	<u>New</u>	<u>Previous</u>
Atlantic City, NJ	22	1.71	1.63 in 2006
Newark, NJ	22	2.64	1.21 in 2006

Mid Atlantic Average April Temperatures



Mid Atlantic April Precipitation Totals



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

A Backward Month: April 2012 Summary

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

While New Jersey experienced its 15th consecutive month of above-average temperatures, many residents of the state may think that April broke the string. What they may not recall is the 90° afternoon on the 16th or reaching the low 80°s at some locations as late in the month as the 21st. Rather they remember the cool last week and a half of the month, the longest interval with below-average temperatures across the Garden State since an eleven day stretch late last October through the first week of November. That stretch included the first freeze of the season over much of the state on the 28th and the record breaking snowstorm on the 29th. The cool end-of-April period saw freezing temperatures in a number of locations occurring about two weeks after the average last freeze of the season. Jersey residents may also think that April had close-to-average precipitation, remembering the late season nor'easter that soaked the state on the 22nd. However there was very little additional precipitation, thus April was the 4th consecutive month with a below-average total.

The average temperature this past month of 52.6° is 1.4° above the 1981-2010 average. It was the 23rd warmest April since 1895. Being that this April was a bit cooler than April 2011, the twelve-month period ending this past March will remain as the warmest twelve-month period on record in NJ (out of 1397 such intervals since 1895). However, the twelve months ending this April is only 0.1° cooler and ranks as the second warmest on record.

The first four months of 2012 in NJ averaged 44.1°, which is 4.8° above average and the warmest start of any year on record (Table 1). When considering March 1 as the start of the growing season, which it certainly was this year, the March-April 2012 period was the 3rd warmest start to the season on record (Table 2). This resulted in the early blooming of vegetation in March, a trend that continued throughout April.

Rank	Year	Jan.- Apr. Avg. Temp.
1	2012	44.1°
2	1998	43.8°
3	2002	43.5°
4	1990	42.9°
5	1921	42.6°
6	1949	42.2°
6	2006	42.2°
8	1953	41.5°
8	1991	41.5°
10	2008	41.3°

Table 1. The ten warmest January-April intervals across New Jersey since 1895.

Rank	Year	Mar.- Apr. Avg. Temp.
1	1921	52.2°
2	1945	51.8°
3	2012	51.2°
4	2010	50.9°
5	1977	49.2°
6	2002	49.0°
7	1946	48.7°
7	1903	48.7°
9	1976	48.6°
10	1973	48.5°
10	1910	48.5°

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

There were four very warm April days where the thermometer topped 80° in many locations. Only coastal locations stayed failed to top 80° on at least one afternoon. The 15th saw Sicklerville (Camden County) reach 84° and the Burlington County towns of Mansfield and Eastampton get to 83°. The 16th was an exceptionally hot day for April. Seven stations spread out among five counties topped out at 91° and four at 90° (out of 50 stations in our [NJWxNet](#) that report daily highs and lows). The cool spots were West Cape May (Cape May) and Harvey Cedars (Ocean), both only reaching 69°. The warm spell continued on the 17th with Woodbine (Cape May) up to 83°, three stations at 82°, and ten reaching 81°. Hillsborough (Somerset) and Clayton (Gloucester) topped out at 83° on the 21st, just before the month-ending cool spell arrived.

Minimum temperatures fell to or below the 32° mark at one or more NJ stations on eighteen April mornings. Seven of those days saw a location drop to 25° or lower, starting on the 3rd when the northwest Jersey valley locations of Walpack (Sussex) and Pequest (Warren) fell to 23° to 24°, respectively. They repeated these marks on the 6th. Walpack dropped to 22° on the 7th and 8th, with Pequest checking in with 26° and 24°, respectively. These two stations reached 25° on the 13th. Berkeley Township (Ocean) and Walpack fell to 24° on the 28th, when 30 other stations were between 25° and 32°. On this coldest morning of the month, Atlantic City Marina (Atlantic) was the mild spot at 41°. Some locations fell to their monthly low on the 30th, although the 28th was colder statewide. Still, there were 22 stations reporting freezing temperatures, falling to as low as 25° at Berkeley Township. Harvey Cedars only dropped to 47°. Fortunately, the cold did not result in major damage to vegetation.

April was the 4th consecutive month with below-average precipitation across the Garden State. An average of 2.98" fell, which is 1.08" below normal and is the 42nd driest of the past 118 Aprils. Precipitation for January through April totaled 9.09" and was 5.52" below average and the 4th driest start of the year on record (Table 3). The first two months of the growing season rank as 14th driest with 4.93" having fallen. As a result of the persistent dry pattern, all parts of the state were in the D0 category (abnormal dryness) of the weekly [National Drought Monitor](#) map at the start of month. On April 12 the state moved to D1, which signifies moderate drought (yes, it is odd that there isn't a "minor" drought category).

Rank	Year	Jan - Apr. Prcp
1	1985	6.80"
2	1946	8.83"
3	1927	9.06"
4	2012	9.09"
5	1992	9.10"
6	1995	9.29"
7	1963	10.08"
8	2009	10.41"
9	1930	10.45"
9	1981	10.45"

Table 3. The ten driest Januarys-Aprils across New Jersey since 1895.

The wettest location in April was Eatontown (Monmouth) with 4.04". Ocean Township (Monmouth) was next highest at 3.79", with Long Branch (Monmouth) and Mine Hill Township (Morris) both receiving 3.64". Bernards Township (Somerset) had the lowest monthly total at 2.08", followed by Pennsville (Salem) with 2.13", Pittman (Gloucester) at 2.21", and Burlington (Burlington) with 2.22".

There were only four rainfall episodes during the month, and only one of these was noteworthy. The 1st-2nd saw as much as 0.58" fall in East Greenwich (Gloucester) and 0.57" at Palisades Park (Bergen). Most of the state received 0.20"-0.40". Hardly any rain fell from the 3rd-18th, with warm temperatures throughout most of the period. This resulted in a fire danger alert being issued by the state on the 3rd, which was followed by almost daily brush or forest fires through the entire dry spell. A fire near the Camden-Atlantic county border on the 6th burned about 375 acres. The largest fire began on the 9th and consumed 1000 acres in Burlington County. While the larger fires were in the Pinelands region, no area in the state was immune to fire.

The fire danger began to subside with some light showers on the 19th-20th. Some dense fog occurred in central areas on the morning of the 19th and a thunderstorm visited Hammonton (Atlantic) on the evening of the 20th. However, it wasn't until a statewide event began to soak NJ on the 21st that the fire danger was greatly reduced. The first part of the storm brought late-evening thunderstorms to central and north Jersey on the 21st. The height of this late-season nor'easter was from late morning on the 22nd through the evening, with rain tapering off early on the 23rd. When all was said and done, of the 209 [CoCoRaHS](#) reports, the most rain fell in Monmouth County where Eatontown received 3.58" and Ocean Township 3.48". Ten stations had from 3.06"-3.25", 99 from 2.50"-2.99", 93 from 2.00"-2.49" and 16 from 1.33"-1.94". The lowest total was in East Greenwich (Gloucester). The southwest and northwest corners received the least. Rivers rose to near bank full in several areas and the Griggstown Causeway (Somerset) was closed due to flooding.

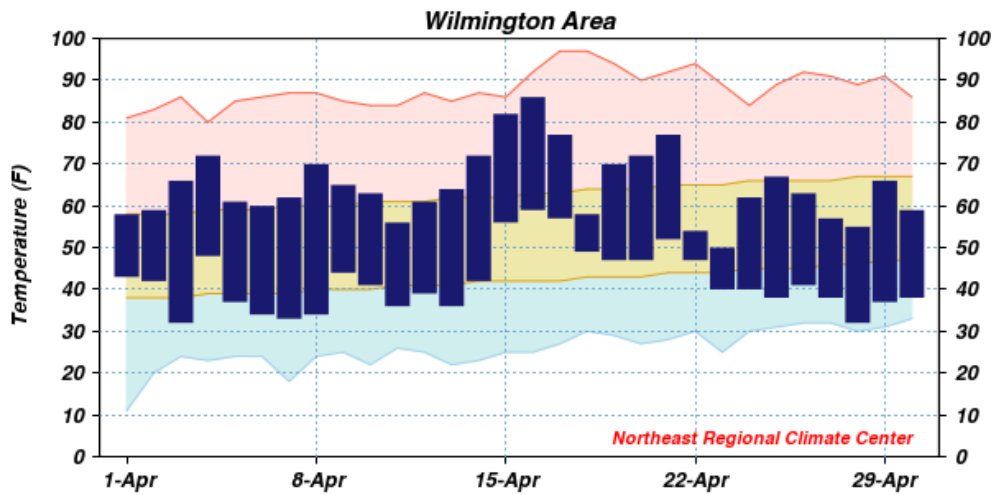
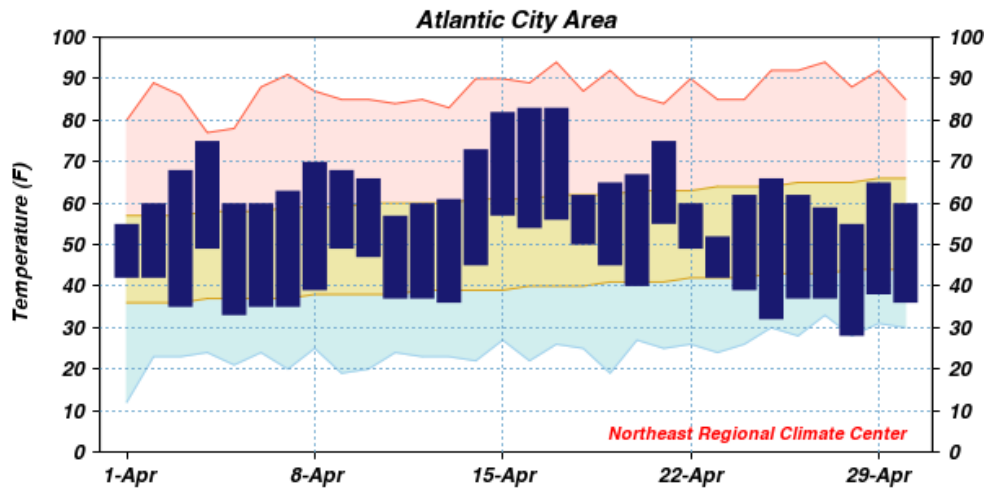
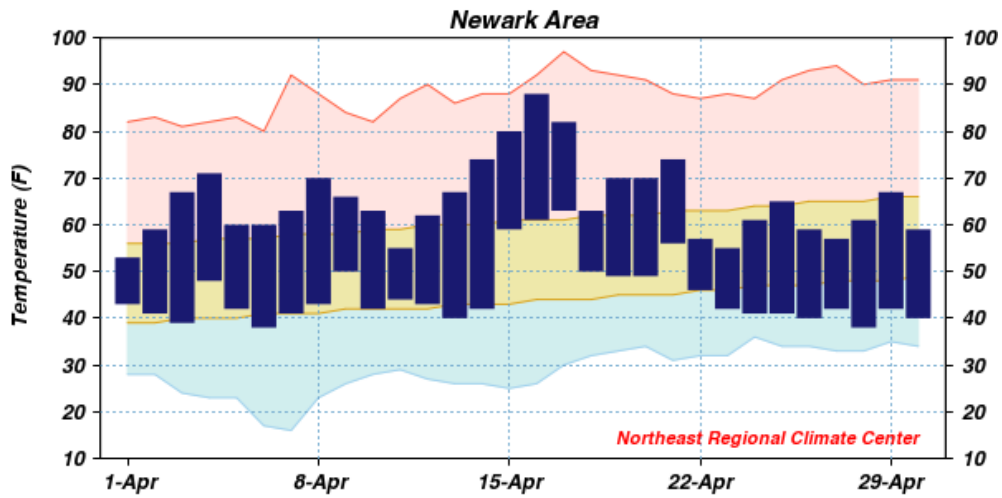
A minor event on the 26th brought 0.29" to Greenwich Township (Cumberland) and two Bridgeton (Cumberland) locations 0.26" and 0.24". Less than 0.10" fell outside of the southwest corner of the state. A light snow and sleet shower fell at High Point on the morning of the 27th for the only frozen precipitation of the month. Finally another minor round of precipitation saw 0.29" fall in Estell Manor (Atlantic) on the 28th-29th, with 0.25" in Egg Harbor Township (Atlantic), Woodbine (Cape May), and Stone Harbor (Cape May). Very little fell outside of the southeast region of the state.

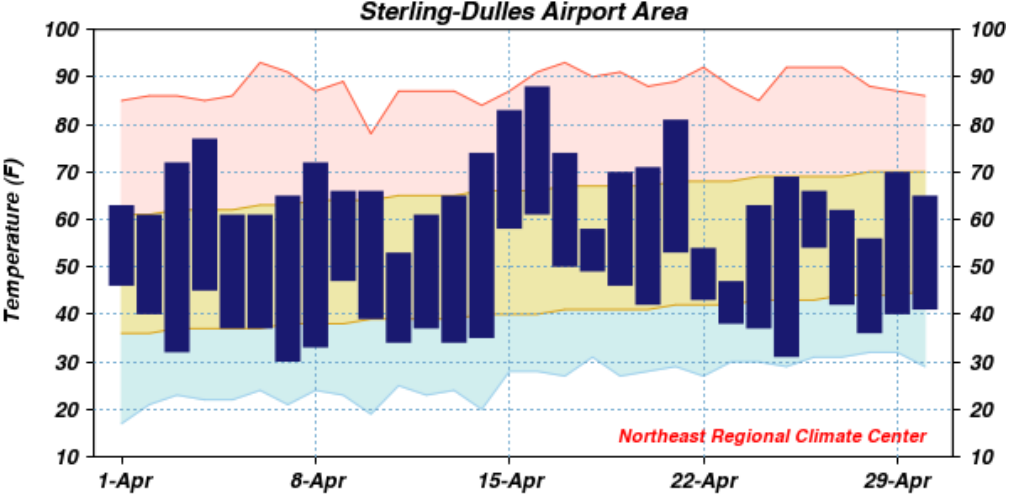
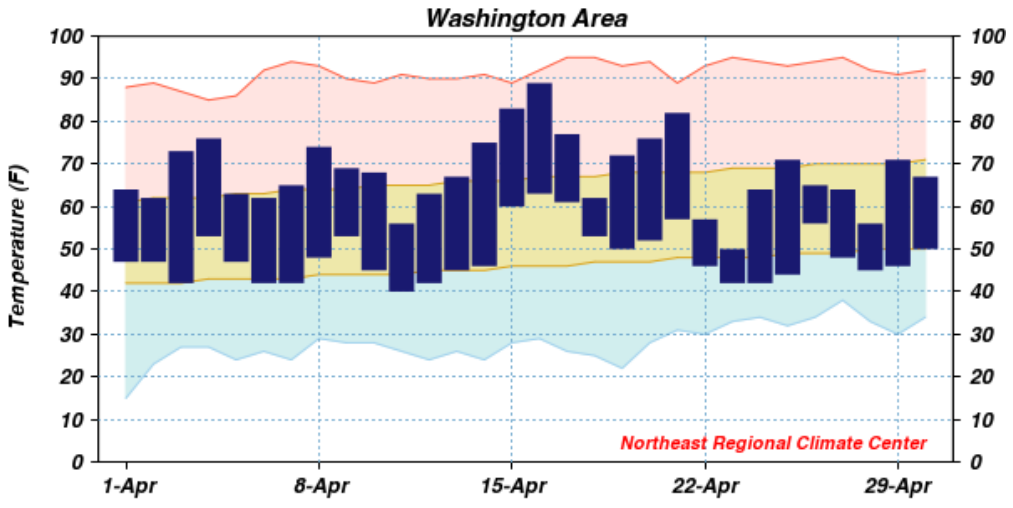
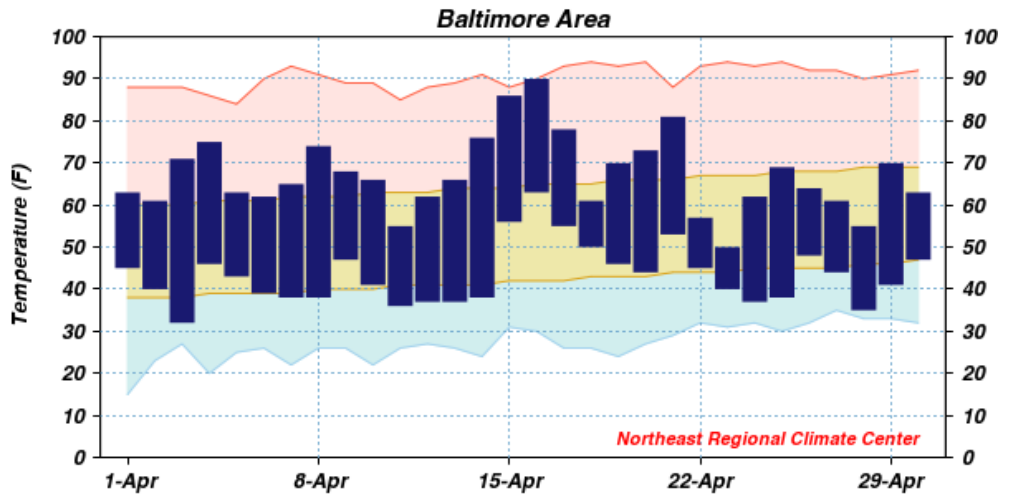
Wind gusts topped out at 40 mph or greater at one or more NJ locations on twelve April days. On nine of those days the High Point Monument (Sussex) station fell into this category. This began with a 46 mph gust on the 2nd. The 3rd brought a 45 mph gust to Wantage (Sussex). High Point Monument reached 46 mph on the 4th, 41 mph on the 6th, and 47 mph on the 7th, when Wantage

reached 43 mph. The 8th saw the Monument at 49 mph, Stewartsville (Warren) up to 42 mph, and Wantage at 41 mph. The 9th was a very windy day across the state. High Point Monument peaked at 60 mph, Stewartsville 55 mph, and Seaside Heights (Ocean) 50 mph. Thirteen stations peaked between 40-49 mph. High Point reached 40 mph on the 17th, with Upper Deerfield (Cumberland) maxing out at 46 mph on the 21st and Wantage at 40 mph. Atlantic City Marina (Atlantic) reached 43 mph on the 22nd, with Seaside Heights and High Point right behind at 42 mph and 41 mph, respectively. Wantage took top honors on the 24th with a 41 mph gust, and High Point Monument at 52 mph and Wantage at 44 mph on the 27th finishing the 40+ mph gusts of April.

The lowest monthly barometric pressure was achieved on the 23rd when readings were quite low at 29.10"- 29.15". The month's maximum pressure was reached on the 30th with values between 30.35" and 30.40" at many locations.

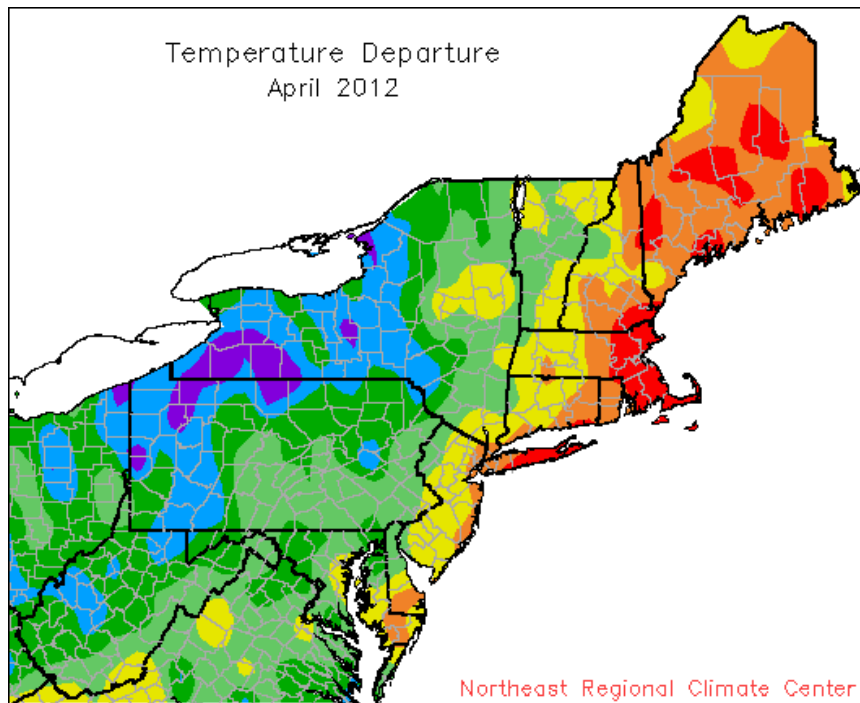
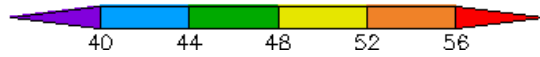
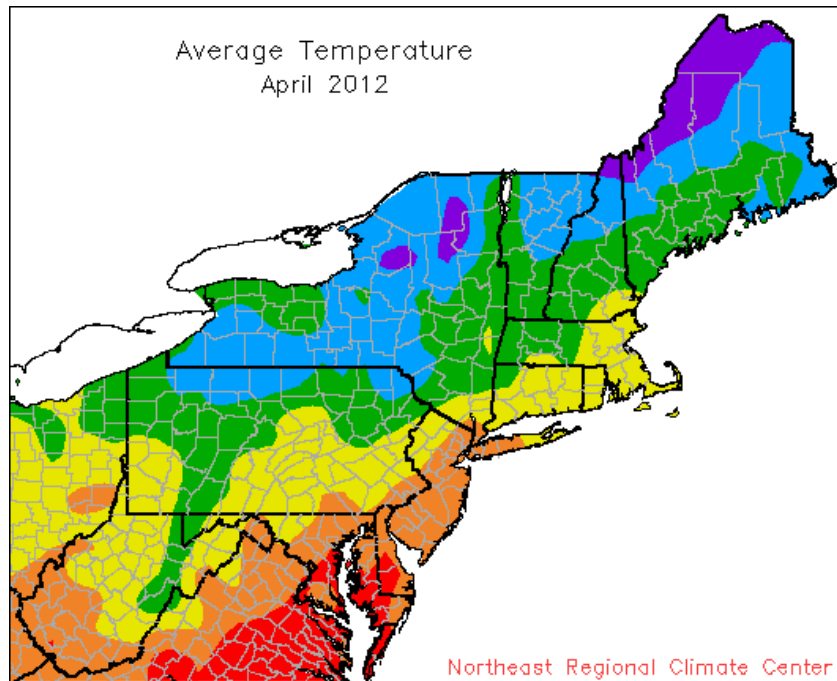
DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL



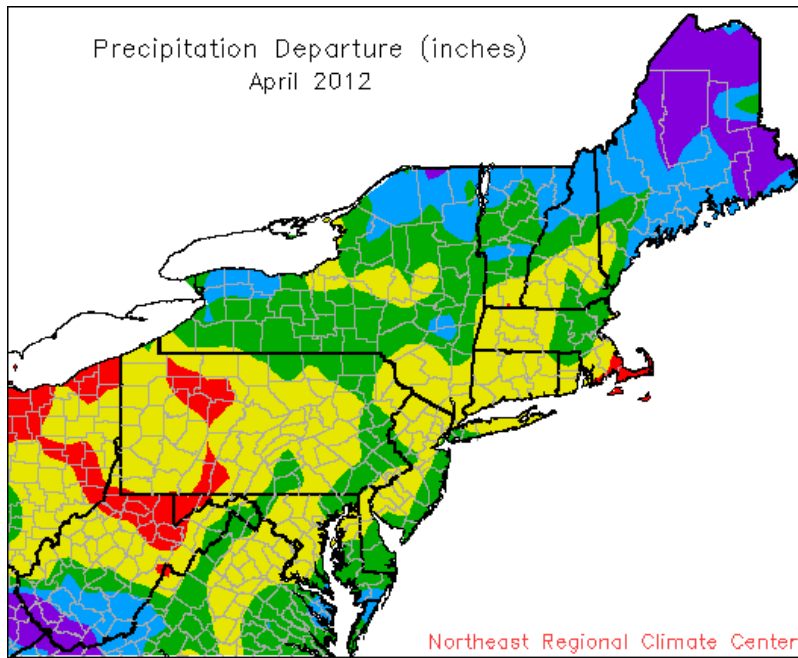
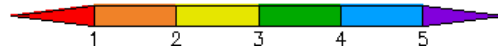
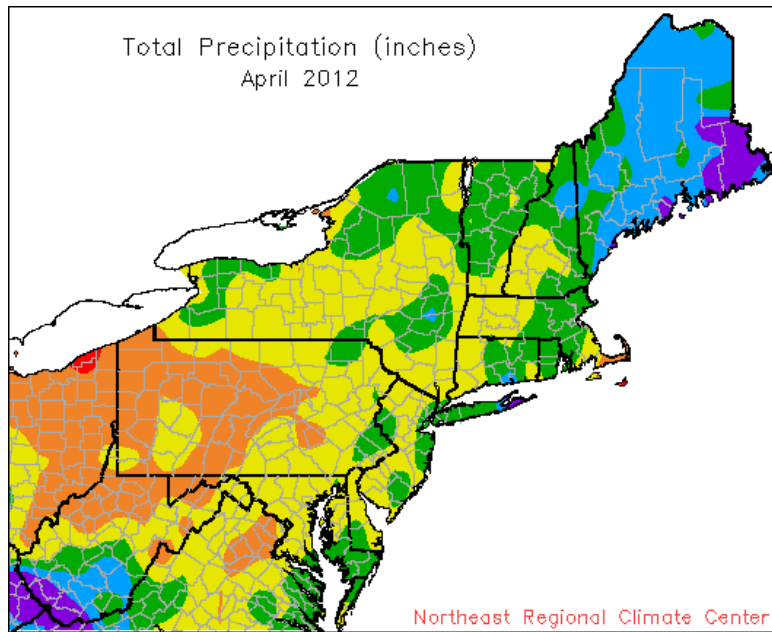


Area between normal max and min temperatures has tan shading.
 Red line connects record high temperatures.
 Light blue line connects record low temperatures.

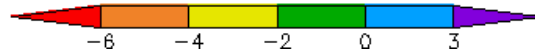
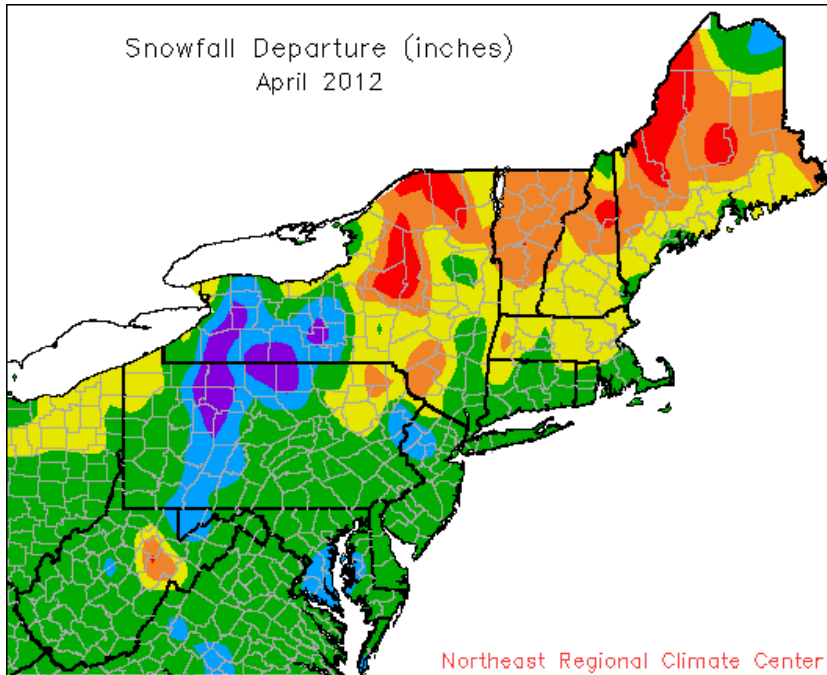
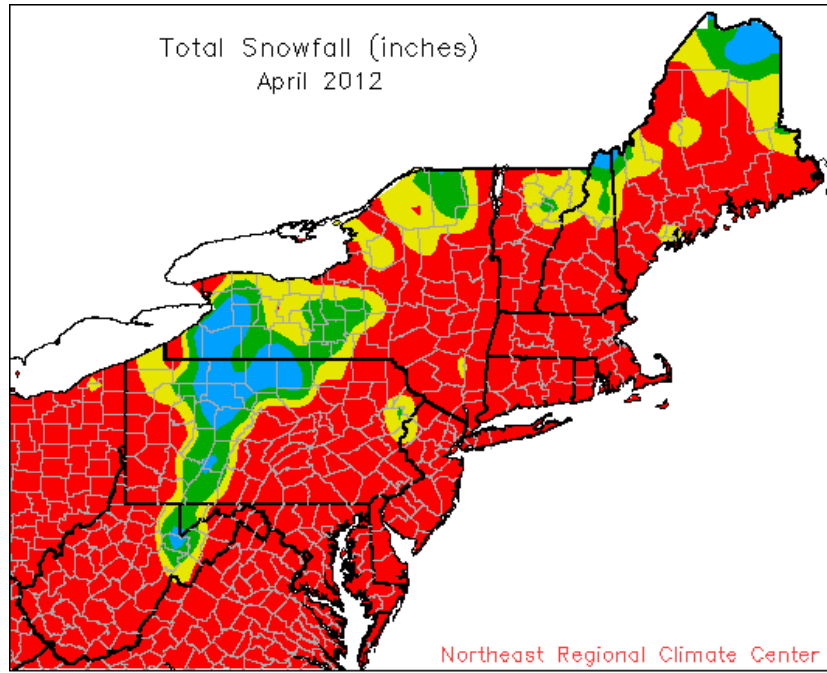
MONTHLY TEMPERATURE MAPS



MONTHLY PRECIPITATION MAPS



MONTHLY SNOWFALL MAPS



PRELIMINARY MONTHLY SUMMARIZED DATA APRIL 2012

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	MON DAY	MAX 50+	MIN 32-	32-	0-	MON TOT	DEPRT	DAYS 0.1+	DLY MAX	DAY	MON TOT	DLY MAX
-DE: NORTHERN-																			
BEAR 2 SW	64.9	40.6	52.7	0.2	87	16	30	8+	29	0	4	0	2.82	-1.04	3	2.02	22		0
WILMINGTON NEW CAS	64.8	42.0	53.4	0.1	86	16	32	28+	30	0	2	0	2.56	-0.94	3	1.90	22		0
WILMINGTON PORTER R	64.1	41.6	52.9	0.2	85	16	36	6	30	0	0	0	2.63	-1.58	5	1.71	22		0
-DIVISION-			53.0	0.0									2.67	-1.09					0
-DE: SOUTHERN-																			
DOVER	66.8	44.4	55.6	0.6	88	16	35	28	30	0	0	0							NM
-DIVISION-			55.6	1.8															
-STATE-			55.0	1.4									0.59	-3.13					0
-MD: SOUTHEASTERN-																			
SALISBURY WICOMICO	68.3	44.3	56.3	2.3	88	16	32	8	30	0	1	0	2.96	-0.59	5	1.93	22		NM
-DIVISION-			56.3	1.7									2.96	-0.56					
-MD: CENTRAL EAST-																			
-DIVISION-																			
-MD: LOWER SOUTHE-																			
MECHANICSVILLE 5 N	65.9	41.7	53.8	-0.8	88	17	32	8+	29	0	4	0	2.32	-1.18	4	1.53	23		
SOLOMONS	65.2	49.2	57.2	0.8	87	17+	41	11	30	0	0	0							NM
-DIVISION-			55.5	0.6									2.32	-1.10					
-MD: UPPER SOUTHE-																			
BALTIMORE WASH INT	67.2	43.3	55.3	1.6	90	16	32	3	30	0	1	0	1.99	-1.20	3	1.33	22		0
BELTSVILLE	65.3	42.7	54.0	0.3	86	17	32	3	29	0	1	0	2.02	-1.33	4	1.30	23		0
DALECARLIA RSVR	67.5	43.8	55.7	-0.5	90	17	34	8	29	0	0	0	2.35	-1.31	6	1.37	23		0
LAUREL 3 W	67.0	45.2	56.1	1.0	88	16	36	6	29	0	0	0	2.18	-1.63	5	1.25	22		0
MD SCI CTR BALTIMO	68.7	50.4	59.5	2.9	91	16	42	24	30	0	0	0	2.25	-0.97	4	1.31	22		NM
NATL ARBORETUM DC*	69.2	46.0	57.6	1.2	89	17	37	3											NM
OXON HILL	67.6	44.2	55.9	-0.6	89	17	36	8+	29	0	0	0	2.16	-1.24	4	1.44	23		0
UPPER MARLBORO 3 N	66.9	42.9	54.9	0.6	89	17	31	3	29	0	1	0	2.35	-1.20	5	1.27	23		
-DIVISION-			56.1	1.2									2.19	-1.32					0
-MD: NORTHEASTERN-																			
STEVENSVILLE	63.9	47.1	55.5	0.8	84	17	41	12+	29	0	0	0	2.25		2	1.74	23		0
-DIVISION-			55.5	1.3									2.25	-1.42					0
-MD: NORTHERN CEN-																			
ABERDEEN PHILLIPS	64.4	42.2	53.3	-0.8	86	17	33	28	27	0	0	0	2.41	-1.26	2	1.80	23		0
BRIGHTON DAM *	63.4	39.1	51.3		86	17	30	3					2.23		6	1.22	23		0
CONOWINGO DAM	66.2	41.0	53.6	0.1	85	17+	32	8	29	0	1	0	3.27	-0.66	5	2.00	23		
CYLBURN	63.1	42.1	52.6	-0.7	85	17	34	3	28	0	0	0							NM
DAMASCUS 3 SSW	63.2	42.6	52.9	-0.2	86	16	33	7	29	0	0	0	1.82	-1.81	4	1.04	22		
EMMITSBURG 2 SE	63.7	39.3	51.5	0.4	86	17	30	7	28	0	3	0	2.49	-1.42	5	1.30	23		0
FREDERICK MUNI AP	65.3	38.8	52.0		88	16	28	7	29	0	5	0							NM
FREDERICK 2 NNE	65.5	40.6	53.1	0.4	88	17	32	8+	28	0	2	0	1.95	-1.67	5	1.08	23		NM
MILLERS 4 NE	65.5	40.8	53.2	1.5	86	16	32	28+	29	0	3	0	2.78	-0.93	5	0.83	23		T T
SMITHSBURG *	62.2	37.0	49.6	-1.9	85	17	27	7					3.78	-0.03	8	1.80	23		
WESTMINSTER	63.2	40.4	51.8	-1.5	87	17	32	4+	27	0	2	0	1.88	-1.62	5	1.01	23		0
-DIVISION-			52.3	-0.7									2.51	-1.11					0
-MD: APPALACHIAN -																			
CUMBERLAND 2	67.0	39.8	53.4	-1.1	92	17	34	8+	29	0	0	0	1.00	-2.30	3	0.44	23		NM
FROSTBURG 2	59.8	35.9	47.9	0.4	85	17	29	13+	25	0	12	0	1.27	-2.60	4	0.37	2		
SHARPSBURG 5 S	64.8	36.5	50.7	-0.6	87	17	28	8+	28	0	12	0	2.75	-0.87	6	1.30	23		0
WILLIAMSPORT *	66.1	39.6	52.9	0.8	87	17	32	8											
-DIVISION-			51.2	-0.3									1.67	-1.82					0
-MD: ALLEGHENY PL-																			
OAKLAND 1 SE	58.6	33.6	46.1	-0.5	82	17	25	7	26	0	16	0	1.82	-2.05	7	0.30	24+	5.8	2.5 23
SINES DEEP CREEK *	58.0	32.5	45.2		81	17	26	8+											
KITZMILLER 1 W	61.7	38.7	50.2		85	17	31	7	27	0	2	0							NM
-DIVISION-			47.2	-0.9									1.82	-1.84					5.8
-STATE-			47.0	-6.5									2.08	-1.52					0.4

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	50+ MAX	32- MIN	32- MIN	0- MIN	MON TOT	DEPRT 0.1+	DAYS	DLY MAX	DAY MAX	MON TOT	DLY MAX	
-NJ: NORTHERN-																				
BELVIDERE BRG	61.7	36.9	49.3	-0.0	86	17	29	13+	27	0	11	0	2.93	-1.02	3	2.10	23	3.0	2.2	23
BOONTON 1 SE	63.3	40.7	52.0	1.7	89	17	32	6	29	0	1	0	2.52	-1.97	3	1.64	23	0		
CANOE BROOK	63.3	42.2	52.8	2.6	91	17	32	6	29	0	1	0	2.93	-1.36	3	2.11	23	0		
CHARLOTTEBURG RSVR	59.9	38.9	49.4	0.6	89	17	31	26	25	0	4	0								
CHATHAM 2 W	67.3	38.2	52.7	2.2	95	17	27	6	29	0	7	0	2.95	-1.62	3	2.34	23	0		
HARRISON	63.6	44.9	54.2	1.4	87	17	36	6	29	0	0	0	3.58	-1.07	3	2.89	23	NM		
LAMBERTVILLE													3.83	-0.28	4	2.30	23	NM		
NEWARK INTL AP	65.3	45.2	55.2	2.4	88	16	38	28+	30	0	0	0	3.45	-0.75	4	2.64	22	0		
PHILLIPSBURG EASTO	62.3	39.8	51.1	0.9	89	17	31	6	28	0	2	0	2.84		3	2.02	23			
POTTERSVILLE 2 NNW	63.6	40.7	52.2		89	17	30	3	29	0	1	0	2.60	-1.84	3	2.04	23	NM		
SUSSEX 2 NW	61.5	37.2	49.3	1.8	90	17	28	3	26	0	10	0	2.51	-2.00	3	1.55	23	0		
WAYNE	63.7	43.6	53.7		90	17	34	6	29	0	0	0	3.14		3	2.34	23	0		
WERTSVILLE 4 NE *	61.6	40.1	50.9	0.9	87	17	31	6												
TOCKS ISLAND	60.9	38.2	49.5		87	17	30	6	26	0	6	0								
-DIVISION-			51.7	1.8									2.95	-1.36					0.4	
-NJ: SOUTHERN-																				
ATLANTIC CITY INTL	65.1	41.9	53.5	1.8	83	17+	28	28	30	0	2	0	2.93	-0.70	3	2.09	22	0		
ESTELL MANOR	65.3	40.0	52.7	0.9	87	17	29	28	30	0	6	0	2.87	-1.15	4	2.02	23	NM		
FREEHOLD MARLBORO*	65.2	41.6	53.6	1.7	90	17	31	28												
HAMMONTON 1 NE	65.3	41.9	53.6	1.4	90	17	31	29	29	0	1	0	3.07	-1.13	4	1.89	23	0		
HIGHTSTOWN 2 W	64.5	40.0	52.3	1.2	92	17	28	28	29	0	5	0	2.96	-1.05	3	2.41	23	0		
INDIAN MILLS	66.9	39.6	53.3	1.2	89	16	28	28+	29	0	9	0	2.86	-1.17	3	1.41	23	0		
MAYS LANDING 1 W													3.18		4	2.38	23	NM		
MILLVILLE MUNI AP	64.9	39.6	52.2	0.6	85	16	27	8+	30	0	6	0	2.82	-0.94	4	1.75	22	NM		
MOORESTOWN	67.7	42.8	55.3	1.7	90	17+	32	28	30	0	1	0	2.72	-1.28	3	1.60	23	NM		
NEW BRUNSWICK 3 SE	64.7	41.5	53.1	2.2	91	17	30	28	29	0	3	0	3.15	-1.08	3	2.36	23	0		
SEABROOK FARMS	64.8	44.8	54.8		87	17	34	28	29	0	0	0	3.03		4	2.35	23	0		
SOMERDALE 4 SW	64.2	38.9	51.6		90	17	28	4+	28	0	7	0	3.00	-0.85	3	1.99	23	NM		
ATSION													2.87		4	1.72	23	NM		
TRENTON MERCER CO	66.6	44.2	55.4	4.2	91	16	33	28	30	0	0	0	2.61	-0.93	4	2.06	22	NM		
PHILADELPHIA MT HO	64.1	42.2	53.2		92	17	32	28	29	0	1	0	2.47		3	1.85	23	0		
-DIVISION-			53.4	1.5									2.87	-1.08					0	
-NJ: COASTAL-																				
ATLANTIC CITY	59.9	46.9	53.4	1.8	79	18	40	7+	28	0	0	0	2.53	-0.86	3	1.83	23	NM		
BRANT BEACH HVN	60.7	46.3	53.5	3.4	76	18	39	7+	29	0	0	0	2.95	-0.31	2	2.40	23	NM		
CAPE MAY 2 NW	64.7	45.0	54.8	2.5	81	15	35	28+	30	0	0	0	2.82	-0.71	6	1.93	22	0		
-DIVISION-			53.9	2.8									2.77	-0.92					0	
-STATE-			52.8	1.7									2.89	-1.17					0.1	

*= 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 APRIL 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	371	-13	3927	-943	10	2	12	4	120	-14	260	98
WILMINGTON NEW CAST	355	-8	3838	-831	14	3	17	5	134	-17	276	89
WILMINGTON PORTER RS	359	-21			0	-9			108	-33	229	55
-DE: SOUTHERN-												
DOVER	303	-15			29	11	33	13	186	-5	343	97
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	283	-62	3172	-1108	30	15	37	20	202	30	403	175
-MD: CENTRAL EASTERN SHORE-												
-MD: CENTRAL EASTERN SHORE-												
-MD: LOWER SOUTHERN-												
MECHANICSVILLE 5 NE	342	12	3767	-718	13	-5	18	-3	151	-36	332	87
SOLOMONS	254	-25	3020	-726	26	6	28	8	230	13	416	148
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	305	-49	3559	-1056	22	9	32	18	181	18	378	171
BELTSVILLE	336	-18	3719	-865	14	-1	21	4	159	-9	339	124
DALECARLIA RSVR	288	-4			16	-10	26	-4	194	-31	403	114
LAUREL 3 W	283	-33			24	4	46	23	205	7	423	168
MD SCI CTR BALTIMOR	195	-83	2729	-1216	38	14	73	48	297	71	571	282
OXON HILL	289	7	3441	-727	23	-3	38	11	195	-31	410	123
UPPER MARLBORO 3 NN	319	-19	3679	-830	23	4	30	9	177	-4	362	130
-MD: NORTHEASTERN SHORE-												
STEVENSVILLE	292	-26	3357	-850	15	7	16	7	185	14	345	138
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	358	18	3897	-657	12	-1	14	0	140	-33	282	73
CONOWINGO DAM	353	-3			16	6			150	-4	277	95
CYLBURN	381	18	3913	-831	13	2	18	7	125	-31	286	99
DAMASCUS 3 SSW	365	-5	3954	-949	11	-4	22	5	137	-25	323	120
EMMITSBURG 2 SE	405	-18	4365	-831	8	2	9	3	107	-12	252	106
FREDERICK MUNI AP	389				8				104		277	
FREDERICK 2 NNE	359	-20			9	-1	12	2	133	-11	312	146
MILLERS 4 NE	363	-45	4028	-1114	15	6	15	5	140	6	321	154
WESTMINSTER	404	39			14	2			118	-42	275	74
-MD: APPALACHIAN MOUNTAIN-												
CUMBERLAND 2	350	20			12	-4	25	7	147	-44	345	104
FROSTBURG 2	512	-16	5222	-931	4	0	5	1	68	-23	205	93
SHARPSBURG 5 S	433	11			9	0			102	-26	256	98
-MD: ALLEGHENY PLATEAU-												
OAKLAND 1 SE	560	9			0	-1			44	-31		
KITZMILLER 1 W	441				3				96			
-NJ: NORTHERN-												
BELVIDERE BRG	465	-10			2	-2			83	-2		
BOONTON 1 SE	388	-59			7	2			111	13	216	105
CANOE BROOK	371	-78			12	5			131	27		
CHARLOTTEBURG RSVR	467	-22			7	2			87	4	182	86

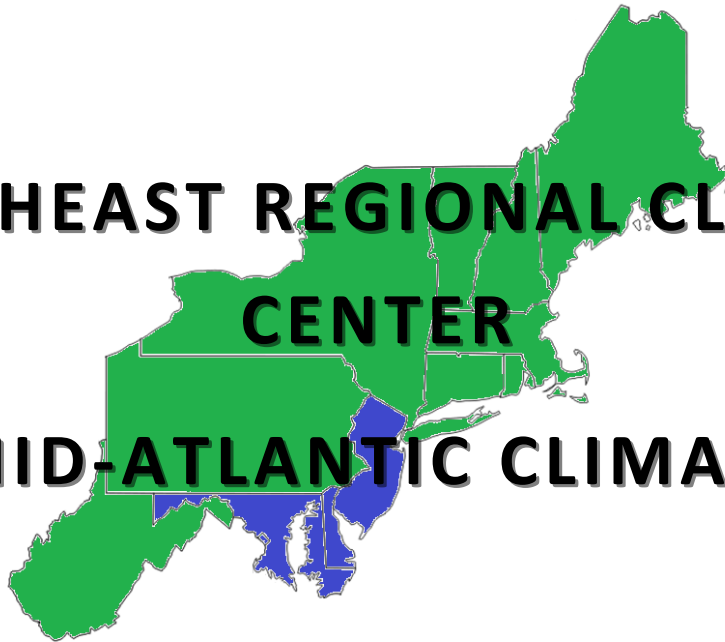
STATION	HEATING DEGREE DAYS (BASE 65)				COOLING DEGREE DAYS (BASE 65)				GROWING DEGREE DAYS (BASE 50)			
	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON
CHATHAM 2 W	377	-69			15	5			140	25	258	130
HARRISON	334	-48			17	3			158	14		
NEWARK INTL AP	307	-69	3638	-1082	23	12	28	16	170	27	315	143
PHILLIPSBURG EASTON	417	-34			7	0			106	0	234	117
POTTERSVILLE 2 NNW	385				6		13		115		251	
SUSSEX 2 NW	471	-58			7	3			91	20	183	102
WAYNE	347				13		14		144		278	
TOCKS ISLAND	465		4641		5		5		86		196	
-NJ: SOUTHERN-												
ATLANTIC CITY INTL	350	-57	3601	-1103	14	5	16	7	142	16	278	119
ESTELL MANOR	377	-29	3884	-968	15	4	17	5	130	-9	255	83
HAMMONTON 1 NE	352	-41			19	10	23	13	144	11	275	110
HIGHTSTOWN 2 W	390	-36			16	7	16	6	130	10	241	95
INDIAN MILLS	361	-37			19	8			151	14	295	126
MILLVILLE MUNI AP	385	-27			11	3			117	-6		
MOORESTOWN	308	-47			24	10			183	21		
NEW BRUNSWICK 3 SE	366	-63	4057	-1009	15	8	15	8	138	26	254	119
SEABROOK FARMS	324				24				177			
SOMERDALE 4 SW	412		4426		13		13		119		218	
TRENTON MERCER CO A	308	-114	3609	-1359	28	20	39	31	181	63	351	207
PHILADELPHIA MT HOL	365		3997		17		17		141		265	
-NJ: COASTAL-												
ATLANTIC CITY	344	-63	3348	-916	2	-2	2	-2	130	27	208	85
BRANT BEACH HVN	337	-110			0	-2	0	-2	130	50	189	96
CAPE MAY 2 NW	306	-80	3421	-893	9	4	9	4	161	41	267	122

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
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