

Northeast Regional Climate Center

Mid-Atlantic Climate

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CLIMATE DIVISION MAPS



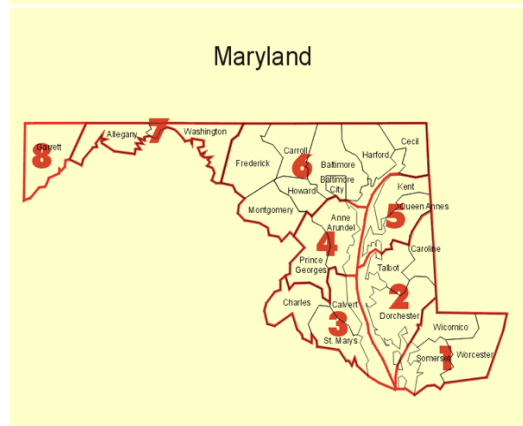
New Jersey Climate Divisions

- 1 Northern
- 2 Southern
- 3 Coastal



Delaware Climate Divisions

- 1 Northern
- 2 Southern



Maryland Climate Divisions

- 1 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

The Mid-Atlantic temperature average for April was 55.8 degrees. This was one degree less than the average in April 2010, but 3.9 degrees above normal. April 2010 was the warmest April since 1895 and this month was the 5th warmest. Delaware's temperature average of 58.6 degrees was the warmest in 117 years; it was the 6th warmest in Maryland and the 7th warmest in New Jersey. State departures were +3.6 degrees in New Jersey, +3.8 degrees in Maryland and +5.6 degrees in Delaware. A high of 91 degrees was recorded on the 26th in Cumberland, MD. The lowest reading this month was 27 degrees, observed at the weather station in Sussex, NJ on the 22nd.

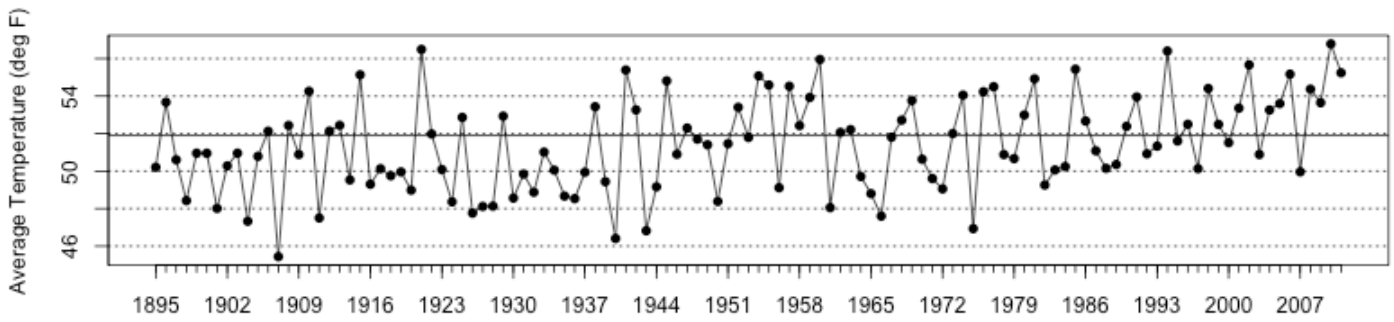
The region experienced above normal precipitation for the 6th consecutive month. The Mid-Atlantic precipitation total of 5.47 inches was 151% of the normal amount. It was the wettest April since 2007 and the 12th wettest since 1895. Delaware saw 112% of the normal rainfall amount, New Jersey's total was 148% of normal, and Maryland received 159% of the monthly average. It was the 10th wettest April since 1895 in New Jersey and the 12th wettest in Maryland. There was quite a range of departures among Maryland's climate divisions – from 52% of normal in the Southeastern Shore to 247% of normal in the Appalachian Mountain division. Coincidentally, the greatest monthly total of 8.77 inches was recorded at Williamsport in the Appalachian Mountain climate division.

Severe weather in Maryland on the 27th and 28th generated 10 confirmed tornadoes in Prince Georges, Allegany, Montgomery, Carroll, Baltimore, St. Marys, and Calvert Counties. Nine of the tornadoes were rated EF0 on the Enhanced Fujita scale and one was an EF1. With wind speeds in the 65 to 80 mph range, most of the damage was limited to uprooted and snapped trees and minor structural damage. More significant damage was found at the Potomac Airfield in Prince Georges County, where six general aviation aircraft sustained minor to major damage. (http://www.erh.noaa.gov/er/lwx/events/svrwx_20110427_28/)

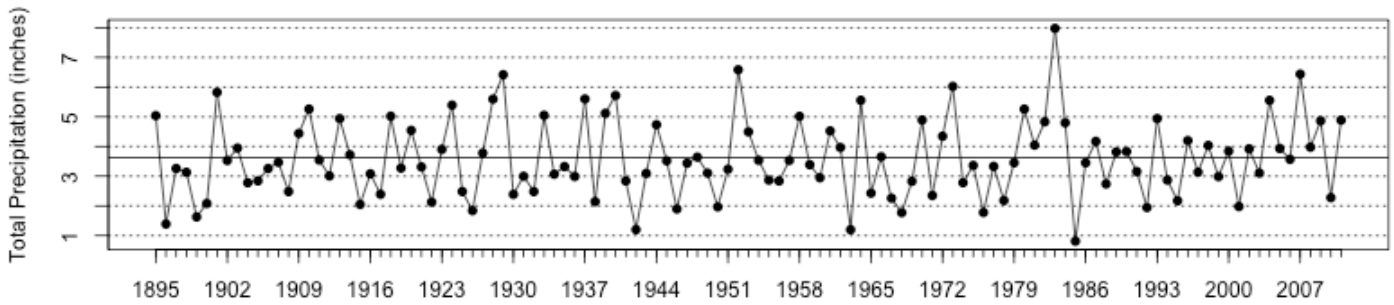
Daily Maximum Temperature Records

Station	Date	New	Previous
Newark, NJ	11	87	84 in 1955
Baltimore, MD	11	85	85 in 1887
Washington Dulles	24	85	85 in 1994

Mid Atlantic Average April Temperatures



Mid Atlantic April Precipitation Totals



The 2011 values depicted on these graphs are based on preliminary data.

Sneaky Warmth and Awfully Wet

April 2011 Overview

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

While clouds that produced ample rain made it seem to most of us that this past month averaged on the cool side of the ledger, in actuality New Jersey experienced its 7th warmest April since statewide records commenced in 1895 (table below). The mean temperature of 53.8° was 3.3° above average. Perhaps the sense of a cool April was due to this year being cooler than last year's record warmth. Or might we just be getting used to April "heat", as five of the twelve warmest Aprils have occurred in the past ten years?

Rank	Year	April Temp.
1	2010	55.8°
2	1921	55.6°
3	1941	54.9°
4	2002	54.6°
5	1960	54.2°
6	1945	54.1°
7	2011	53.8°
7	1994	53.8°
9	1915	53.7°
10	2006	53.6°
11	1976	53.3°
11	2008	53.3°
13	1985	53.2°
14	1998	53.1°
15	1981	53.0°

On six April afternoons, temperatures topped the 80° mark somewhere in New Jersey. The 11th saw Howell (Monmouth County) top out at 88° (state maximum for the month), Holmdel (Monmouth) reached 87° and Eastampton (Burlington) was 86°. Meanwhile, a sea breeze kept the maximum to 57° at Harvey Cedars (Ocean) and at the Atlantic City Marina (Atlantic). Warmth returned on the 20th with four southern Jersey stations reaching 84°. Statewide, the warmest April day was the 24th, with Toms River reaching 87° and three other stations at 86°. The temperature even rose to 67° at High Point Monument (Sussex) and 69° at West Cape May, the cool spots in the state. The 26th found Sicklerville (Camden) at 85° and eleven other stations at 84°. Sicklerville reached 83° and four stations 82° on the 27th. Hammonton hit 82° on the 28th with Piney Hollow (Gloucester) and New Brunswick (Middlesex) at 80°.

Despite the above average temperatures in April there were twelve mornings when one or more locations fell below the freezing mark. The High Point and High Point Monument stations dipped to 29° on the 1st, with three stations at 31°. Walpack (Sussex) was 25° on the 2nd and Pequest (Warren) 27°. This last location fell to the same mark on the 3rd, with Walpack and Hope (Warren) at 28°. The 5th-9th saw lows ranging from 27° to 30° at stations including High Point Monument, Berkeley Township (Ocean), Walpack and Pequest. The two High Point stations reached 31° on the 16th and Walpack 29° on the 18th. Walpack and High Point were at 31° by late evening on the 21st. Numerous other stations fell below freezing by dawn on the 22nd, which proved to be the coldest April morning. Walpack dropped to 21° and Pequest to 26°. Stations in ten of the 21 counties fell below freezing, with the warmest location being West Cape May (Cape May) at 43°.

April showers were plentiful and brought renewed flooding to the Garden State on the heels of the major flooding last month. On average, 5.67" fell across the state. This is 1.74" above normal and ranks as the 13th wettest on record. There was a rather wide disparity in monthly totals, with the north central region wettest and far south driest. West Milford (Passaic) topped all totals with 9.49". This was followed by 8.93" in Mendham (Morris), 8.73" at Randolph (Morris), 8.62" in Oakland (Bergen) and 8.48" at Rockaway (Morris). Dennis Township (Cape May) at 3.34" had the least precipitation, while the next lowest were 3.37" in Middle Township (Cape May), 3.60" in Lower Township (Cape May), 3.82" in Lavallette (Ocean), and 4.07" in Lacey Township (Ocean).

While wet conditions over the course of the month slowed the progress of outdoors work, including in the agricultural sector. However overall the news was good on the water resources front, as river discharges are above average, ground water levels are decent and reservoirs are full.

Rank	Year	April Precip.
1	2007	9.07"
2	1983	8.91"
3	1973	6.64"
4	1952	6.58"
5	1980	6.28"
6	1929	6.22"
7	1901	6.18"
8	1964	5.99"
9	1924	5.95"
10	1909	5.77"
11	1982	5.72"
11	1958	5.72"
13	2011	5.67"
14	1913	5.59"
15	1940	5.57"

The 1st brought the only measureable snow of the month. High Point took top honors with 4.7" of the white stuff, while accumulations elsewhere included Liberty Township (Warren) 3.0", Holland Township (Hunterdon) 2.0" and Greenwich Township (Warren) 1.4". Much of northern and central NJ saw flakes flying and briefly accumulating that morning. The south received the heaviest precipitation from this event, with 0.69" in Lacey Township (Ocean) and Stafford and Little Egg Harbor townships in Ocean County both catching 0.61". The northwest corner of the state saw a few flakes fall and up to 0.62" of rain accumulate at Walpack (Sussex) on the 5th, with High Point receiving 0.57". Thunder was heard in some locations. A trace of snow also fell at a few locations on the 6th-7th when a statewide event brought as much as 0.41" to Sparta (Sussex) and 0.39" to Washington (Warren). Central and southern areas were wettest on the 8th, with 0.82" falling at Little Egg Harbor Township and 0.81" and 0.78" at stations in Medford (Burlington).

Local showers brought 0.42" to Bernards Township and 0.38" to Peapack-Gladstone in northern Somerset County on the 11th. A more formidable event, replete with thunder and lightning brought heavy rain in a swath from central to northeast NJ on the 12th-13th. 1.85" accumulated in Mendham (Morris), 1.78" in River Vale (Bergen), and 1.72" in Bridgewater (Somerset). This rain primed the surface for flooding to occur quite rapidly when heavy thunderstorm rains fell throughout much of NJ from mid day on the 16th

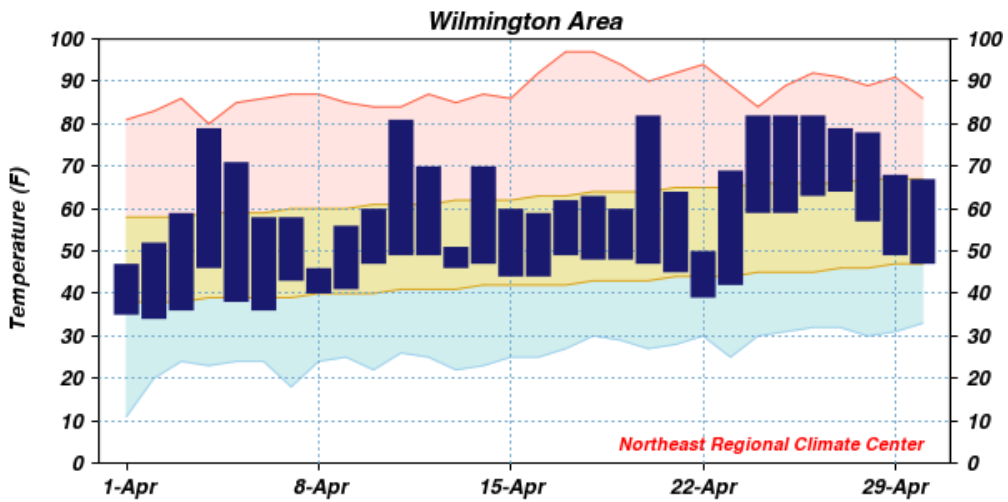
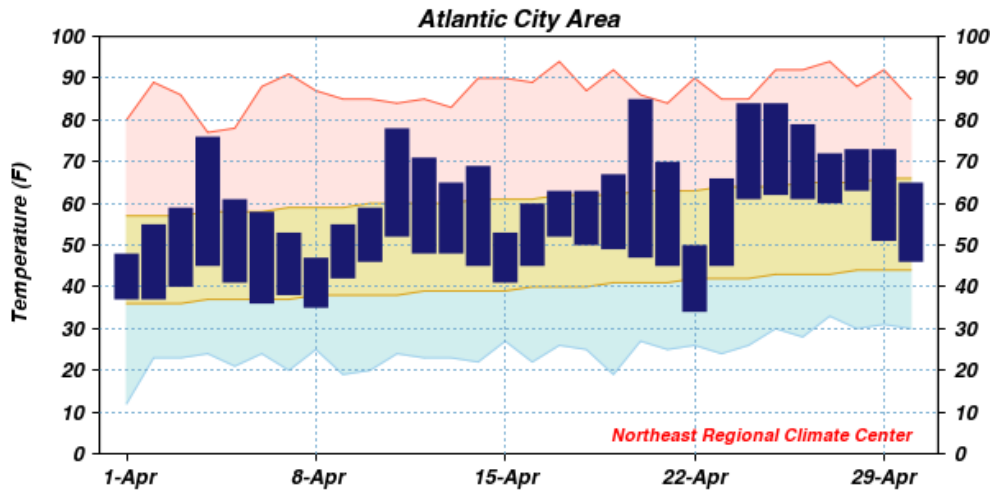
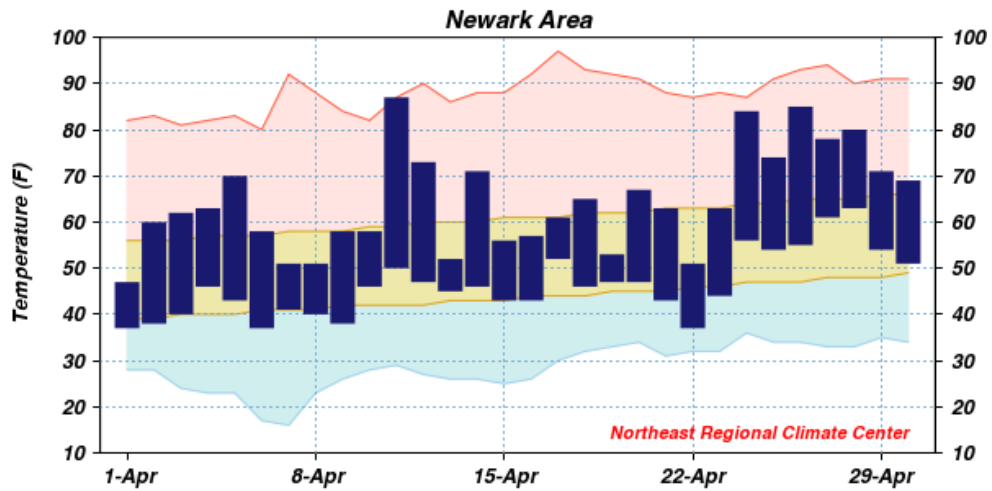
to early on the 17th. As was the case in March, the heaviest rain fell in the Highlands, with 4.25" and 3.87" at stations in West Milford (Passaic), 3.85" in Ringwood (Passaic) and 3.77" at Little Falls (Passaic). The remainder of the north, along with central and the bulk of southern NJ received more than 1.50". Only coastal areas remained in the 0.75"-1.50" range. The result of these rains was the most impactful event of April. While most rivers in the Passaic basin crested several feet below March 2011 levels, flooding was still moderate to borderline major. Road closures and the evacuation of fewer than 100 homes resulted. Flood crests in the Raritan basin were a few feet higher than in March but overall were considered moderate. Road closures were plentiful but there were not any major impacts.

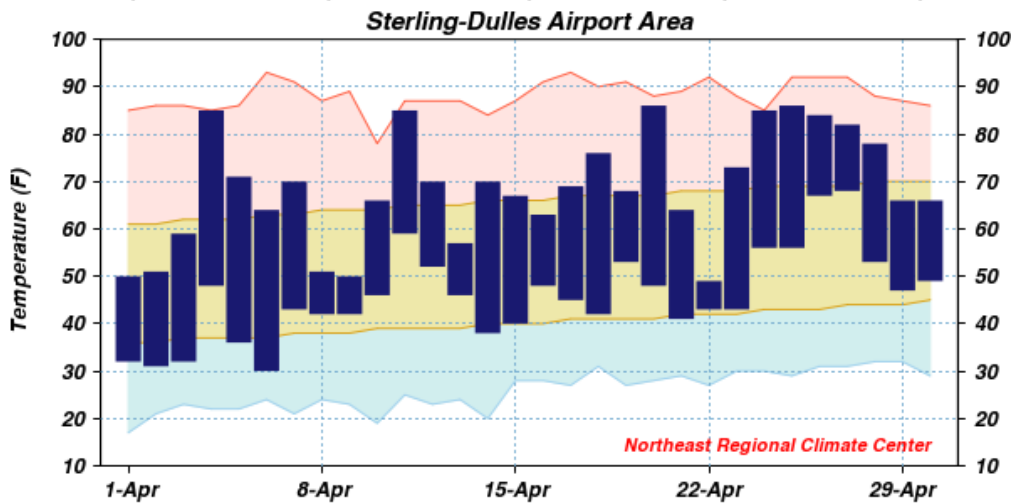
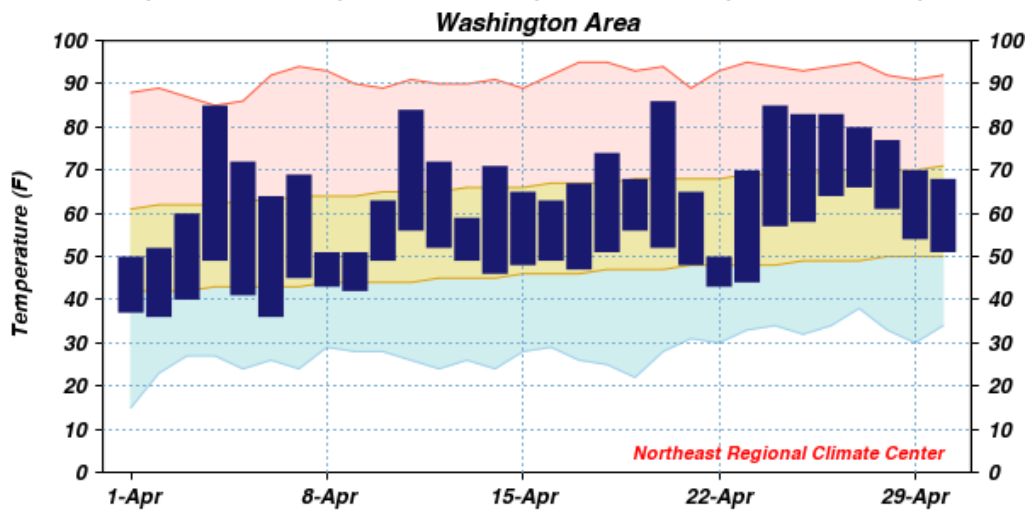
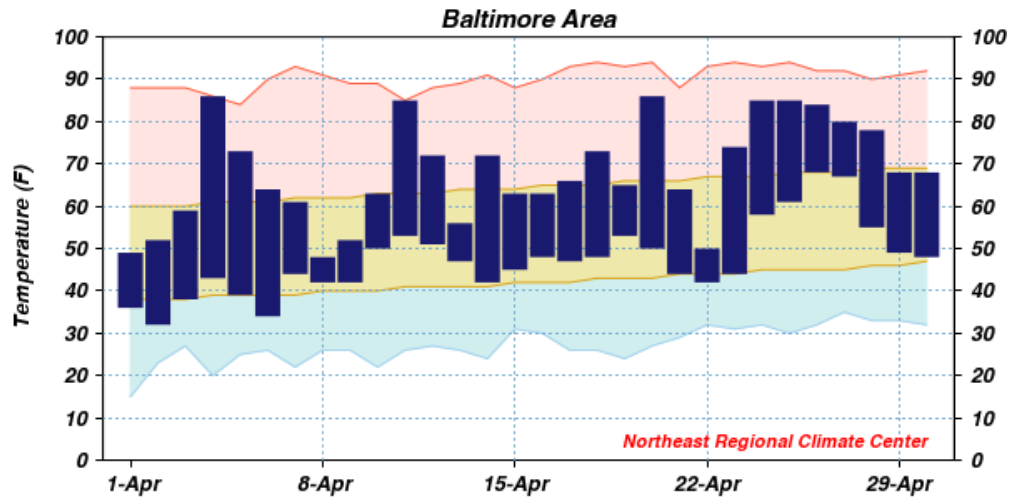
The 22nd-23rd saw a moderate event begin with a few flakes of snow or sleet pellets in some locations. The most rain fell in the north, with 1.02" in Ewing Township (Mercer) and 0.99" at Demarest (Bergen). Southern areas had a few tenths of an inch of rain. Easter evening (24th) brought two bands of moderate thunderstorms crossing from southwest to northeast across central and southern NJ. Top rainfall honors went to two stations in Reading Township (Hunterdon) with 1.44" and 1.36", with Long Hill Township (Morris) catching 1.02". Localized thunderstorms brought rain mostly to Morris County on the 27th, with 0.59" in Mendham and Denville. Heavier bands of thunderstorms dropped 0.75" to 1.00" at many locations from Warren to Bergen counties and in Cape May County on the 28th. The most rain fell at Randolph Township (reports of 1.63" and 1.36"), Holland Township (Hunterdon; 1.39"), and Washington (Warren; 1.27"). Totals elsewhere in the state were within a few tenths of 0.50". This event brought damaging straight line winds to portions of Morris County around mid day. Trees were toppled by straight line winds onto homes, fences and wires. These storms were the remnants of the system that brought the tragic outburst of tornadoes to the southeast US the previous day.

The most interesting precipitation gauge report of the month came from a CoCoRaHS observer from Cumberland County. On the 11th he reported an accumulation of 0.1" of beetles!

Among other reports of notable weather during April, heavy fog impacted travel on the 20th and was particularly widespread on the morning of the 26th. The lowest barometric pressures were observed on the 5th at about 29.20" to 29.25" of mercury. The cold high pressure system on the 22nd saw the barometer rise to 30.50" to 30.55". On ten April days wind gusts equaled or exceeded 40 mph at one or more NJ observing sites. On the 4th a 52 mph gust occurred at the Atlantic City Marina (Atlantic) and 40 mph at Harvey Cedars (Ocean). The strongest gust of the month of 63 mph was observed at Wantage (Sussex) on the 5th, when the Atlantic City Marina reached 52 mph. Red Lion (Burlington) reached 40 mph on the 6th and Wantage 41 mph on the 11th. Seaside Heights (Ocean) saw a gust to 48 mph on the 12th, with three other stations reaching 43 mph. Sea Girt (Monmouth) reached 45 mph on the 13th and Seaside Heights 43 mph. The 16th brought gusts of 59 mph to Bivalve (Cumberland) and 47 mph to Harvey Cedars. Hillsborough (Somerset) topped out at 48 mph on the 17th, Wantage at 54 mph on the 21st, and gusts of 49 mph and 42 mph were recorded at Atlantic City Mariana and Seaside Heights on the 28th.

DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL



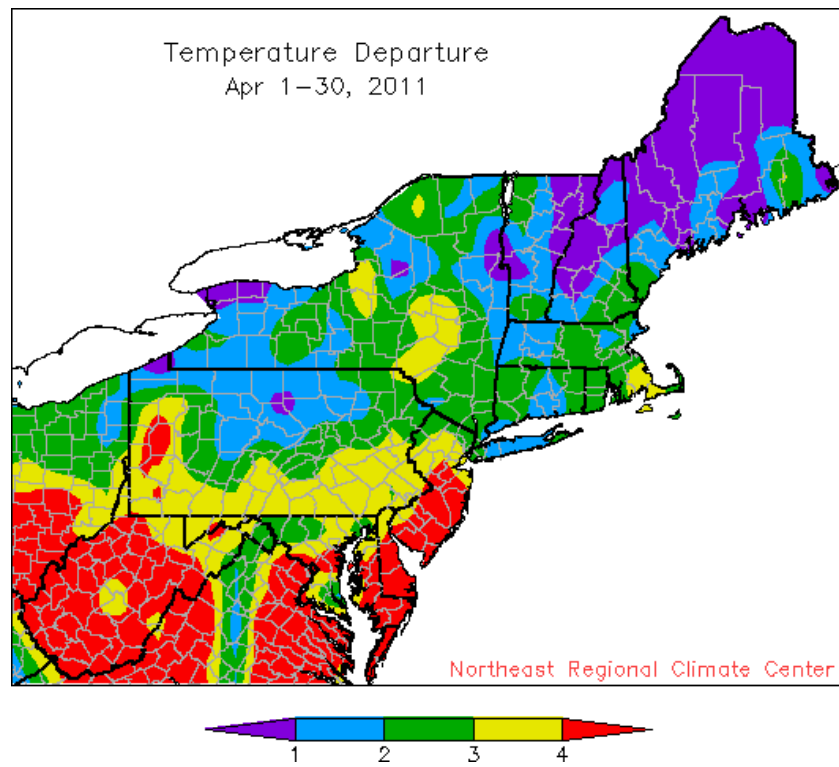
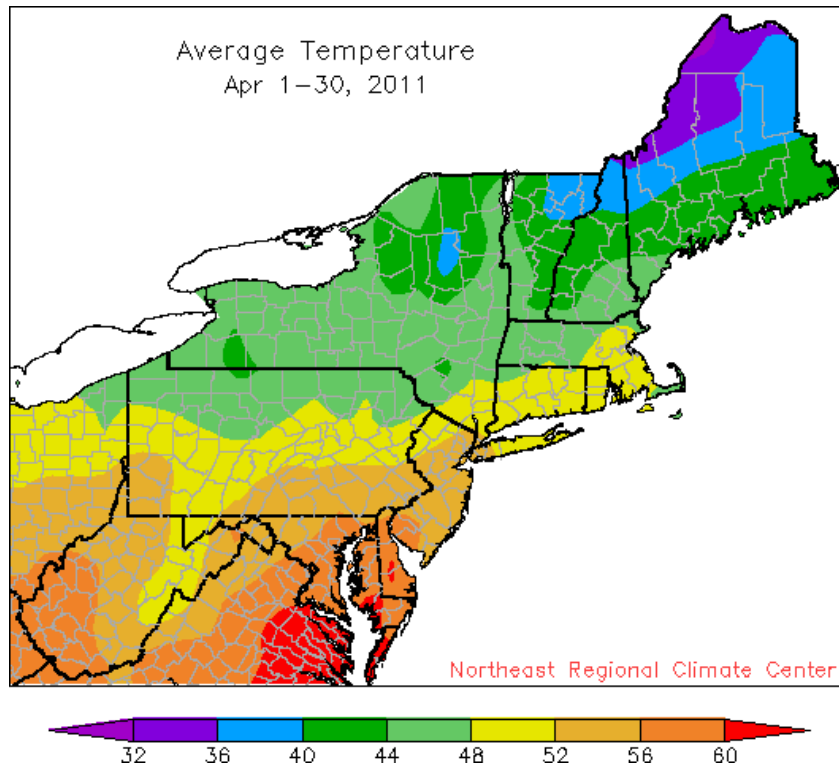


Area between normal max and min temperatures has tan shading.

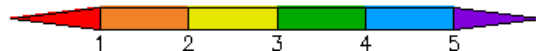
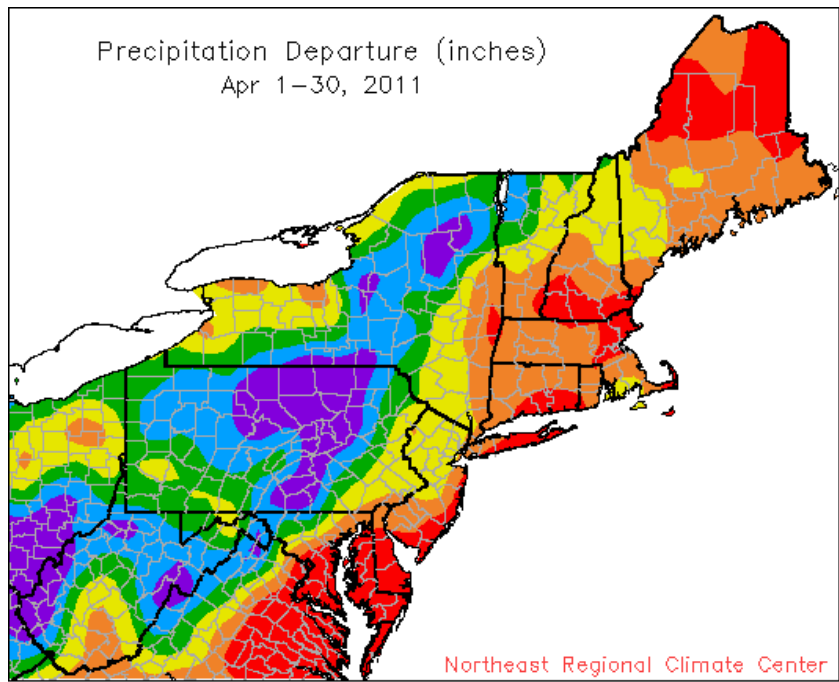
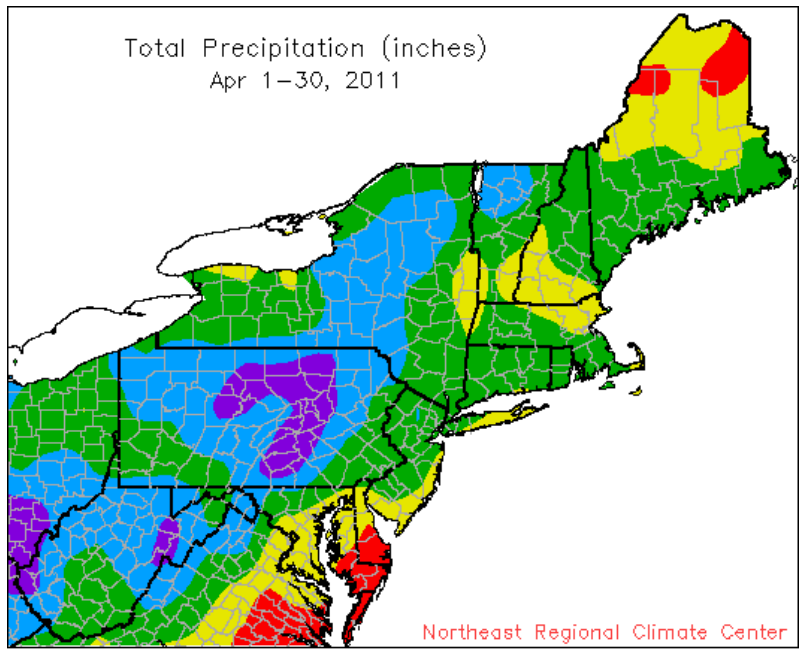
Red line connects record high temperatures.

Light blue line connects record low temperatures.

MONTHLY TEMPERATURE MAPS



MONTHLY PRECIPITATION MAPS



PRELIMINARY MONTHLY SUMMARIZED DATA APRIL 2011

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 DAY	MAX 50+	MIN 32-	0-	MON TOT	DEPRT 0.1+	DAYS 0.1+	DLY MAX	DAY MAX	MON TOT	DLY MAX	
-DE: NORTHERN-																		
BEAR 2 SW	66.3	46.9	56.6		84	25	34	2	28	0	0	0	4.37		8	1.59	16	0
WILMINGTON NEW CAS	65.5	46.4	55.9	3.5	82	26+	34	2	28	0	0	0	4.71	1.32	11	1.65	16	0
WILMINGTON PORTER R	64.9	46.2	55.6		82	25	33	1	28	0	0	0	4.58		12	1.32	16	0
-DIVISION-			56.0	3.6									4.55	0.92				0
-DE: SOUTHERN-																		
DOVER	71.0	47.8	59.4	4.8	85	25+	33	6+	29	0	0	0						NM
-DIVISION-			59.4	6.2									3.75	0.28				
-STATE-			58.6	5.6									3.931	0.42				0
-MD: SOUTHEASTERN-																		
SALISBURY WICOMICO	69.8	48.5	59.1	4.8	85	25+	30	6	29	0	2	0	1.70	-1.71	7	0.47	16	
-DIVISION-			59.1	5.0									1.70	-1.56				
-MD: CENTRAL EAST-			58.8	4.3									3.90	0.51				
-DIVISION-																		
-MD: LOWER SOUTHE-																		
MECHANICSVILLE 5 N	67.8	46.3	57.0	1.7	86	26+	30	3+	28	0	4	0	3.74	0.25	8	1.22	17	NM
SOLOMONS	67.1	50.2	58.7		86	26+	37	2	28	0	0	0						
-DIVISION-			57.9	3.7									3.74	0.54				
-MD: UPPER SOUTHE-																		
BALTIMORE WASH INT	68.1	47.3	57.7	4.5	86	20+	32	2	28	0	1	0	3.52	0.52	8	1.29	16	0
BELTSVILLE	66.5	48.1	57.3	4.0	85	26+	30	2	26	0	2	0	3.49	0.16	8	0.85	17	0
DALECARLIA RSVR	71.5	47.3	59.4	3.8	89	25	33	3+	28	0	0	0	3.59	0.05	8	1.10	17	0
BALTIMORE DOWNTOWN	70.2	52.0	61.1		88	20+	39	1	30	0	0	0	4.15		12	1.24	16	NM
NATL ARBORETUM DC*	68.7	48.1	58.4	4.3	87	27	35	6										NM
OXON HILL	69.1	48.1	58.6		89	26	34	7+	29	0	0	0	5.71		11	1.39	28	
-DIVISION-			58.8	4.7									4.09	0.75				0
-MD: NORTHEASTERN-																		
STEVENSVILLE	65.7	48.6	57.1		84	26+	37	2+	27	0	0	0	4.46		9	1.36	17	0
-DIVISION-			57.1	3.8									4.46	1.07				0
-MD: NORTHERN CEN-																		
ABERDEEN PHILLIPS	65.0	46.8	55.9	1.3	84	21	35	6+	26	0	0	0						
CONOWINGO DAM													5.39	1.74	12	2.10	17	
CYLBURN	64.1	46.9	55.5		83	27+	34	1	25	0	0	0						NM
DAMASCUS	66.5	46.5	56.5		85	26+	32	6+	26	0	2	0	6.89		13	1.35	16	
EMMITSBURG 2 SE	64.1	44.4	54.3	1.5	85	26	31	7	25	0	3	0	6.94	3.14	11	2.37	17	NM
MILLERS 4 NE	67.4	44.7	56.1	4.3	83	26+	31	6	28	0	3	0	7.78	4.33	13	2.38	28	2.0 2.0 1
WESTMINSTER POL BR	63.8	45.3	54.6	1.3	85	26	33	2+	25	0	0	0	7.20	3.91	11	2.49	29	0.3 0.3 1
-DIVISION-			55.5	3.2									7.20	3.67				1.2
-MD: APPALACHIAN -																		
CUMBERLAND 2 *	70.4	42.7	56.7	3.8	91	26	30	7+										NM
FROSTBURG 2	59.8	39.6	49.7	3.8	84	26	28	6+	21	1	5	0	8.04	4.07	15	1.35	17	
SHARPSBURG 5 S	65.5	42.4	54.0		87	26	28	7+	25	0	5	0	8.33		11	3.52	17	NM
WILLIAMSPORT	66.1	42.3	54.2		86	26	28	7	27	0	4	0	8.77		14	2.49	17	
-DIVISION-			53.7	3.0									8.38	4.99				
-MD: ALLEGHENY PL-																		
OAKLAND 1 SE	60.2	39.6	49.9	2.4	81	27+	28	6+	22	0	7	0	7.90	3.83	15	1.65	20	6.5 5.0 2
SAVAGE RIVER DAM													8.47	5.09	14	1.60	20	NM
KITZMILLER 1 W	61.6	41.7	51.7		85	26	29	6	22	0	2	0						NM
-DIVISION-			50.8	3.8									7.90	4.06				6.5
-STATE-			56.5	3.8									5.46	2.03				0.8
-NJ: NORTHERN-																		
BELVIDERE BRG	59.8	40.6	50.2	2.3	81	12	28	7	25	0	5	0	5.06	1.13	12	1.38	17	1.0 1.0 9
BOONTON 1 SE	61.5	43.0	52.2	2.6	83	12	33	22	28	0	0	0	5.92	1.55	12	2.01	17	
BOUND BROOK 2 W	62.8	45.6	54.2		82	28	34	2	29	0	0	0	6.50	2.63	9	2.46	17	0

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+ 50+	32- 32-	32- 32-	0- 0-	MON TOT	DEPRT TOT	DAYS 0.1+	DLY MAX	DAY MAX	MON TOT	DLY MAX
CANOE BROOK *	63.8	43.3	53.1	3.3	86	25	30	22					6.79	2.57	11	3.20	17	0	
CHARLOTTEBURG RSV*	59.0	41.2	50.1	2.8	82	27+	30	22										NM	
CHATHAM 2 W	63.1	41.0	52.1		87	27+	30	23+	26	0	6	0							
CRANFORD	62.1	46.4	54.3	4.3	87	12	33	6	28	0	0	0	6.52	2.37	11	2.51	17	0	
FLEMINGTON 5 NNW	62.1	42.5	52.3	3.1	85	12	31	22	25	0	3	0	8.33	4.24	14	2.47	17		
HARRISON	62.0	44.5	53.2		85	12	36	2+	28	0	0	0	6.11		10	2.32	17		
NEWARK INTL AP	64.6	46.3	55.5	3.2	87	11	37	22+	29	0	0	0	5.86	1.94	9	2.39	16	T	T
POTTERSVILLE 2 NNW	62.3	41.9	52.1		86	27	31	22	27	0	1	0	7.13	2.52	12	2.76	17		
SUSSEX 2 NW *	59.4	40.5	50.0	2.8	85	27	27	22											
WAYNE	61.3	44.9	53.1		85	27	33	2+	27	0	0	0	6.18		11	2.20	17	0	
WERTSVILLE 4 NE *	62.3	42.7	52.5		83	12	32	2					7.49	3.53	11	3.10	17		
TOCKS ISLAND	59.8	41.9	50.8		81	27+	31	22	24	0	3	0						NM	
-NJ: NORTHERN- -DIVISION-			52.4	3.3									6.54	2.30				0.2	
-NJ: SOUTHERN- ATLANTIC CITY INTL	65.4	46.7	56.1	5.5	85	20	34	22	28	0	0	0	3.56	0.11	8	1.07	16	0	
ESTELL MANOR	66.8	45.8	56.3		87	26	29	6	27	0	2	0	4.85		8	1.33	17	T	T
FREEHOLD MARLBORO*	64.2	44.4	54.3	3.6	87	12	34	8+										NM	
HAMMONTON 1 NE	66.0	45.4	55.7	3.8	88	26	34	23+	27	0	0	0							
HIGHTSTOWN 2 W	64.2	44.3	54.3	4.1	87	12	33	22	28	0	0	0	6.56	2.62	9	2.34	17	0	
INDIAN MILLS	67.4	45.4	56.4	4.0	84	25	30	6	28	0	2	0	5.81	1.96	10	1.82	17	0	
MILLVILLE MUNI AP*	65.2	44.7	55.0	3.0	83	20	28	6+					4.88	1.35	8	1.77	16	NM	
NEW BRUNSWICK 3 SE	63.3	44.7	54.0	3.7	86	12	34	6+	27	0	0	0	7.17	3.09	9	2.70	17	T	T
SEABROOK FARMS	65.6	47.9	56.8	4.7	85	26	35	1	28	0	0	0	4.37	0.79	8	1.77	17	0	
SOMERDALE 4 SW	64.1	43.4	53.8		87	26	30	6+	27	0	3	0	6.08		11	2.56	17	T	T
ATSION	65.5	44.3	54.9		86	26	30	6	27	0	2	0	6.23		10	1.87	17	NM	
TRENTON MERCER CO	66.2	46.2	56.2		86	11	36	6+	29	0	0	0	6.15		9	2.37	16	NM	
PHILADELPHIA MT HO -DIVISION-	64.8	45.4	55.1		87	12	31	6	27	0	1	0	5.83		10	2.78	17	0.1	0.1
			55.3	4.0									5.59	1.82				0	2
-NJ: COASTAL- ATLANTIC CITY	57.2	47.1	52.2	0.8	71	26+	38	2+	23	0	0	0	4.51	1.26	7	1.18	17	NM	
BRANT BEACH HVN	57.4	44.9	51.2		73	26	36	2	24	0	0	0	3.73		7	0.86	13	NM	
CAPE MAY 2 NW -DIVISION-	63.3	47.2	55.3	3.8	81	20	38	1	28	0	0	0	3.55	0.24	7	1.21	28	0	
			52.9	2.4									3.93	0.37				0	
-STATE-			54.1	3.6									5.82	1.89				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 1971-2000. 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 2011

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	274		4753		34		34		239		259	
WILMINGTON NEW CAST	291	-85	4750	9	30	21	30	19	224	87	241	66
WILMINGTON PORTER RS	306				31				217		232	
-DE: SOUTHERN-												
DOVER	214	-102	4219	114	54	50	54	50	313	147	349	142
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	226	-99	4299	156	57	55	57	55	305	150	346	155
-MD: CENTRAL EASTERN SHORE-												
-MD: CENTRAL EASTERN SHORE-												
-MD: LOWER SOUTHERN-												
MECHANICSVILLE 5 NE	290	-8	4624	426	60	54	61	55	267	83	300	69
SOLOMONS	225				43				289		329	
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	255	-94	4477	-107	44	33	44	29	268	104	304	89
BELTSVILLE	276	-77	4519	-60	54	53	54	53	272	139	307	141
DALECARLIA RSVR	224	-65	4458	169	65	58	65	58	324	132	361	123
BALTIMORE DOWNTOWN	178		3874		69		71		352		409	
OXON HILL	245				63				299		341	
-MD: NORTHEASTERN SHORE-												
STEVENSVILLE	264				33		33		250		283	
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	305	-13			40	36			229	63	253	53
CYLBURN	316		4967		38		38		221		242	
DAMASCUS	288				42				247		278	
EMMITSBURG 2 SE	349	-20	5172	291	36	35	36	35	196	76	215	64
MILLERS 4 NE	297	-101	4999	12	35	34	35	34	234	125	262	132
WESTMINSTER POL BRK	349	-6			42	39			207	63	226	53
-MD: APPALACHIAN MOUNTAIN-												
FROSTBURG 2	467	-106			11	11			132	91	138	88
SHARPSBURG 5 S	359				35				199		222	
WILLIAMSPORT	342				22		22		190		205	
-MD: ALLEGHENY PLATEAU-												
OAKLAND 1 SE	455	-70	6452	434	9	9	9	9	146	96	150	85
KITZMILLER 1 W	410		5752		18		18		160		175	
-NJ: NORTHERN-												
BELVIDERE BRG	440	-73	5870	77	6	6	6	6	111	62	120	64
BOONTON 1 SE	390	-73			15	15	15	15	140	76	154	82
BOUND BROOK 2 W	336				23		23		178		197	
CHATHAM 2 W	405				27				151			
CRANFORD	348	-101			32	32	32	32	186	117	203	120
FLEMINGTON 5 NNW	395	-81			22	22			151	91	167	97
HARRISON	364		4869		18		18		156		177	
NEWARK INTL AP	305	-70	4577	-127	26	16	26	14	199	58	229	52
POTTERSVILLE 2 NNW	402		5439		21		21		139		149	
WAYNE	370				17		17		155		169	

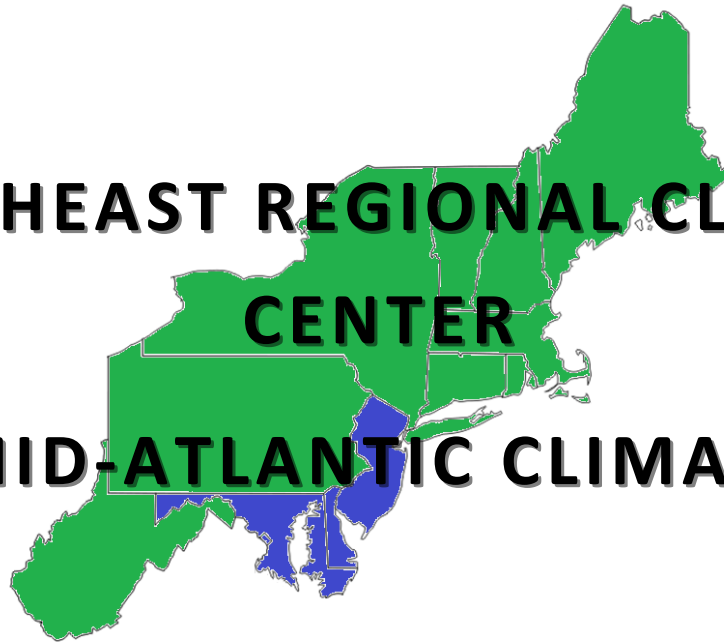
STATION	HEATING DEGREE DAYS (BASE 65)				COOLING DEGREE DAYS (BASE 65)				GROWING DEGREE DAYS (BASE 50)			
	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON
TOCKS ISLAND	433		5707		14		14		124		133	
-NJ: SOUTHERN-												
ATLANTIC CITY INTL	287	-150	4597	-297	26	21	26	20	228	126	253	120
ESTELL MANOR	300		4746		46		46		240		268	
HAMMONTON 1 NE	311	-85			40	39	40	39	230	123	250	125
HIGHTSTOWN 2 W	350	-95			34	34			185	110	208	120
INDIAN MILLS	295	-85	4930	202	43	42	43	42	246	128	271	131
NEW BRUNSWICK 3 SE	355	-87			32	32			176	103		
SEABROOK FARMS	280	-108	4494	-211	40	39	40	39	239	128	267	133
SOMERDALE 4 SW	368		5344		38		38		187		204	
ATSION	336				43				207			
TRENTON MERCER CO A	295		4736		38		38		226		252	
PHILADELPHIA MT HOL	335		5118		46		46		209		232	
-NJ: COASTAL-												
ATLANTIC CITY	377	-32	4396	101	1	1	1	1	124	33	139	31
BRANT BEACH HVN	406				0				102			
CAPE MAY 2 NW	289	-117	4389	-54	6	6	6	6	193	99	209	101

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 1971 - 2000 mean.
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NORTHEAST REGIONAL CLIMATE

CENTER

MID-ATLANTIC CLIMATE



**Northeast
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