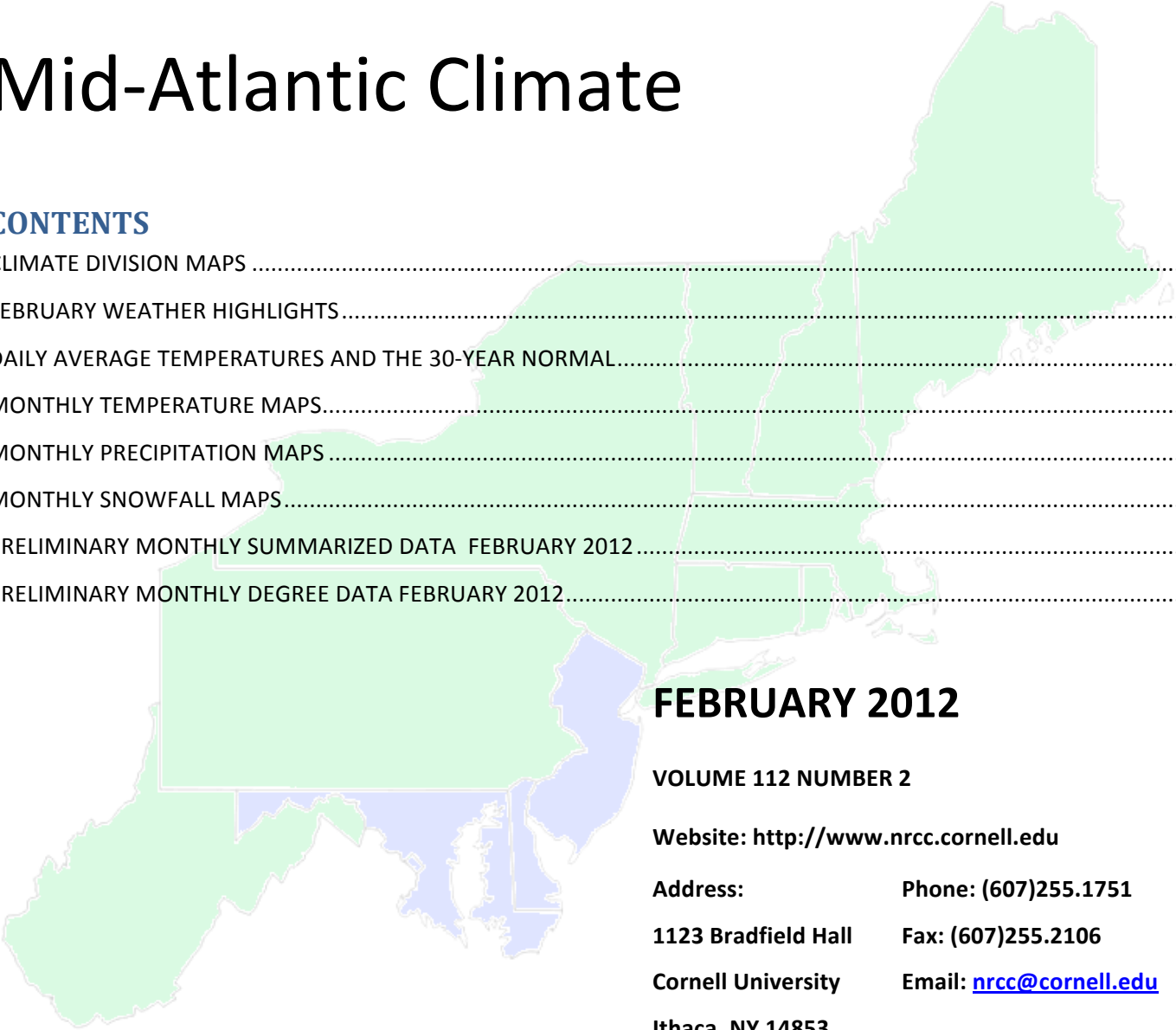


Northeast Regional Climate Center

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 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

FEBRUARY WEATHER HIGHLIGHTS

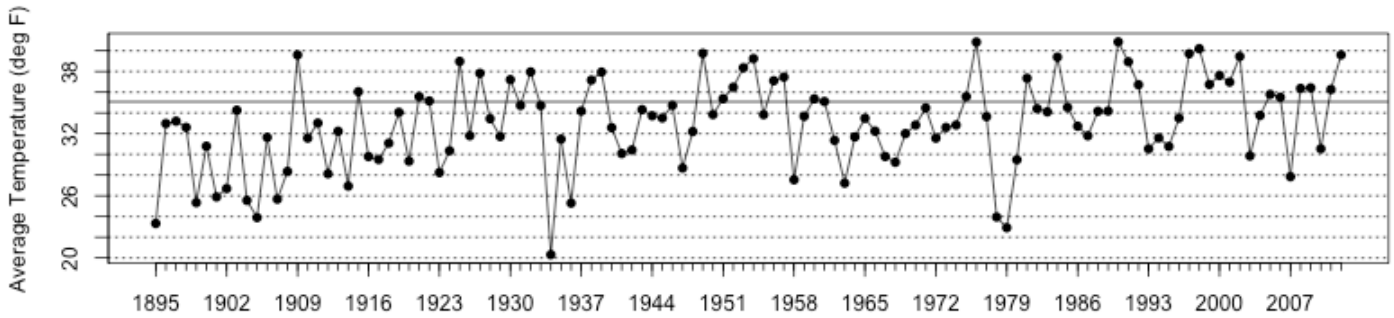
Temperatures during February averaged 39.9 degrees, which was 4.9 degrees above normal and 3.7 degrees warmer than the same month in 2011. It was the 13th consecutive month with above normal temperatures in the Mid-Atlantic. The region saw its warmest February since 1998 and it was the 4th warmest February since 1895. For the 4th consecutive month temperatures in each of the states averaged above normal. It was the 3rd warmest February since 1895 in New Jersey, the 5th warmest in Delaware, and the 6th warmest in Maryland. Departures in the three states were +4.8 degrees in Maryland, +5.0 degrees in New Jersey, and +5.1 degrees in Delaware. The mercury topped out at 77 degrees on the 24th at Salisbury, MD. Once again, Oakland, MD took honors for the cold spot in the region with a low of 6 degrees on the 12th.

The region's precipitation total was 1.83 inches, which was 63% of normal. It was the driest February since 2009 and the 17th driest in 118 years. With a precipitation total that was 47% of normal, New Jersey had its 8th driest February since 1895. Maryland's departure was 69% and Delaware's 92%. Salisbury, MD received the greatest amount of precipitation this month, 3.60 inches – 1.54 inches of that total fell on the 29th. Quite a few locations in the region saw their greatest daily amount on the 29th. Had this not been a leap year, the monthly averages would have been even drier.

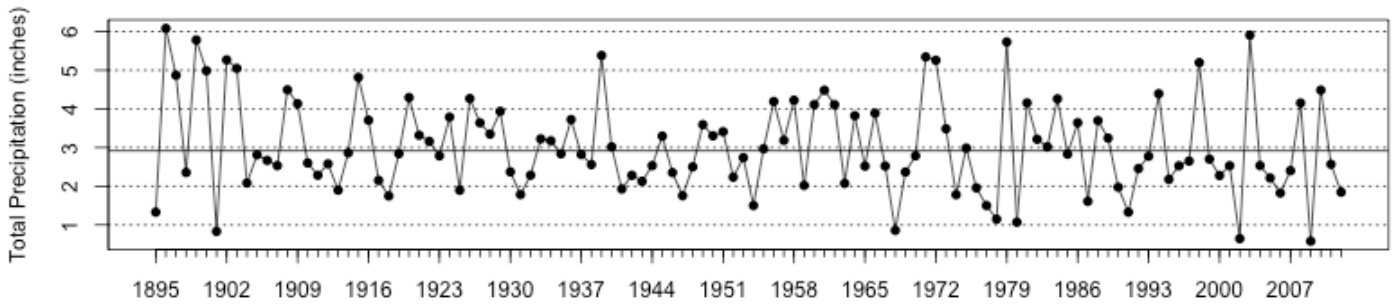
Daily Precipitation Records (inches)

<u>Station</u>	<u>Date</u>	<u>New</u>	<u>Previous</u>
Washington Dulles, DC	29	1.35	0.51 in 1968
Wilmington, DE	29	1.14	0.55 in 1968
Baltimore, MD	29	1.64	0.92 in 1892

Mid Atlantic Average February Temperatures



Mid Atlantic February Precipitation Totals



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

The Winter That Almost Wasn't February 2012 and Winter 2011/2012 Recaps

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

February Overview

New Jersey's relatively mild and tranquil winter continued in February. Snow fell on occasion, temperatures dipped into the teens, and the 25th was a very windy day. However, on four days temperatures climbed into the 60s, early-spring flowers such as crocus and snowdrops were in bloom several weeks ahead of schedule, and there were reports of some early daffodil sightings and buds swelling on some trees. Greater concerns will arise for plant damage should early March continue to be mild followed by a late-season invasion of cold air.

The February statewide average temperature of 38.5° was 4.7° above the 1981-2010 normal. It was the 5th mildest February since records commenced in 1895 (Table 1).

Rank	Year	Feb. Avg. Temp.
1	1998	39.4°
2	1990	38.9°
3	1997	38.6°
3	2002	38.6°
5	2012	38.5°
6	1976	38.4°
7	1984	38.3°
8	1949	37.8°
9	1991	37.6°
10	1954	37.5°

Table 1. The ten warmest Februaries across New Jersey since 1895.

This marks the 13th consecutive month of above-average temperatures. In fact, 21 of the past 24 have been on the positive side of the ledger. The 55.5° average temperature over these 24 months is the highest of any 24-month period going back to January 1895-December 1896 (Table 2). The table shows that there have been three lengthy intervals since the late 1990s with warm episodes lasting longer than 24 months, including the one NJ is currently experiencing, one about five years ago, and another in the late 1990s. The highest ranking 24-month warm interval occurring prior to 1990 is March 1948-February 1950 (62nd warmest).

Rank	End Month	Year	24-Month Avg. Temp.
1	Feb	2012	55.5°
2	Jan	2012	55.2°
3	Dec	1999	55.0°
4	Dec	2011	55.0°
5	Nov	1999	55.0°
6	Jan	2007	54.9°

7	May	2007	54.9°
8	Jun	2007	54.8°
9	Oct	2011	54.8°
10	Mar	2007	54.8°
11	Sep	1999	54.8°
12	Nov	2011	54.8°
13	Oct	1999	54.7°
14	Jul	2007	54.7°
15	Oct	2007	54.7°

Table 2. The fifteen warmest consecutive 24-month intervals in New Jersey since 1895.

The ending month of the 24-month interval is displayed. There have been 1383 such intervals over this time span. Averages have been rounded to the tenth of a degree for display purposes.

Maximum temperatures exceeded 60° on four February afternoons. Rather remarkably, the first day of the month was the mildest. Cherry Hill (Camden County) reached 69° and six other stations of the 50 monitored on a daily basis within the NJ Weather and Climate Network got to 67°. All told, 43 of these stations reached 60° or higher, with the High Point Monument (Sussex) station the coolest at 52°. Temperatures reached into the mid 50s on the 7th and 17th, but it wasn't until the 22nd with Sicklerville (Camden) at 62° and eighteen stations at either 60° or 61° that the 60° mark was again reached. This was followed by 65° at Sicklerville and 64° at Mansfield (Burlington) on the 23rd, and 61° at Sicklerville, Howell (Monmouth), and Clayton (Gloucester) on the 27th.

Low temperatures dipped into the teens somewhere in NJ on twelve days during February (note that the often coldest station in Walpack (Sussex) is not included in this month's summary, as there is a problem with an inconsistent thermometer at this location). The 4th through 6th saw Berkeley Township (Ocean) take low honors at 19°, 17°, and 14° respectively. Pequest (Warren) fell to 18° and 15° on the latter two mornings. On the 9th Berkeley reached 18° and Pequest 19°, while they both dropped to 17° on the 10th. High Point Monument, at an elevation of 1755 feet, fell to 15° on the 11th, with the nearby High Point Mesonet station (370 feet lower in elevation) at 17°.

The 12th was the coldest morning of the month, with High Point Monument at 9° and 44 other stations between 10° to 19°. West Cape May (Cape May) was the least cold at 22°. The Monument station fell to 19° on the 13th. Berkeley and Pequest were 19° on the 19th, Berkeley and Pequest 13° and 15° respectively on the 21st, High Point Monument 19° on the 26th, and Pequest, Berkeley and Basking Ridge (Somerset) 17°, 18°, and 19° respectively on the 27th.

February statewide precipitation totaled 1.25" (rain and melted snow). This is 1.61" below average and ranks as the 6th driest on record, but only the 3rd driest of the past eleven Februaries (Table 3). The last month with a larger monthly departure was the 1.73" deficit in August 2010. As a result of the dry conditions, minor brush fires broke out on a number of occasions, though nothing major transpired.

It is important to note that despite moderate to heavy rain totaling as much as 1.88" in Woodbine (Cape May) and as much as 2.3" of snow in Wantage (Sussex) during the daylight hours and evening of the 29th, precipitation totals are only included through the early morning of February 29th at most stations. This is due to the fact that most National Weather Service Cooperative Observing station observations are taken close to 7AM, thus a day "officially" ends at that hour with precipitation later in the day counted in the next day's 1st-of-the-month observation. It is from these long-term stations that statewide totals and rankings are determined. The same observing practice holds at NJ CoCoRaHS locations. The 29th event will be included in March totals.

Rank	Year	Feb. Prcp
1	2009	0.67"
2	2002	0.75"
3	1901	0.92"
4	1980	1.01"
5	1968	1.07"
6	2012	1.25"
7	1895	1.27"
8	1987	1.32"
9	1991	1.38"
10	1978	1.45"

Table 3. The ten driest Februaries across New Jersey since 1895.

Southern coastal NJ saw the most precipitation in February, with stations in Woodbine (Cape May) receiving 2.08" and 1.98", and one in Dennis Township (Cape May) reporting 2.02". On the dry side was the west central area with 0.61" in Mt. Olive (Morris), 0.63" in Alexandria Township (Hunterdon), and 0.64" in Oxford Township (Warren). These totals were taken from amongst 89 CoCoRaHS stations that submitted reports on all 29 days, 24 with 28 days reported, and eleven with 27 days (the latter two groups were evaluated to make sure missing reports were not on days where they might have experienced precipitation).

Snowfall was rather meager, with many stations coming in with less than a 2.0" total for February. Medford Lakes (Burlington) topped the list at 4.3", with Medford Township (Burlington) next at 3.9", followed by the Hunterdon County townships of Holland and Bethlehem at 3.6" and 3.5" respectively. Statewide, an average of 2.1" fell in February, which is 5.9" below average and is the 23rd least snowy February of the past 118 years.

There were five events in the month (again not counting the 29th) where at least 0.20" of rain or rain/melted snow fell. The first was on the 4th when extreme south Jersey saw 0.22" in Middle Township (Cape May) and 0.21" at Linwood (Atlantic). Coastal areas received the most precipitation on the 8th, with 0.32" in Woodbine, 0.25" at Wildwood Crest, and 0.24" in Sea Isle City, all in Cape May County. A swath of snow fell across central NJ that day, with 1.7" and 1.5" in Bethlehem and Holland townships (Hunterdon) and 2.0" in the Monmouth County communities of Howell and Freehold.

A complex system on the 11th brought two periods of snow along with some rain around the state. About an inch of snow fell in central areas in the morning, while heavier snow fell in central portions of south Jersey in the evening. Medford Lakes (Burlington) received 4.0", Medford Township (Burlington) 3.6", Hammonton (Atlantic) 3.4", and Buena Vista (Atlantic) 3.0". Precipitation (rain and melted snow) for the event was greatest in the Burlington County communities of Moorestown (0.57"), Mt. Laurel (0.54"), and Medford Lakes (0.49").

A mostly rain event covered the state on the 16th, and was just a bit heavier in the north than south. White Township (Warren) had 0.33", Wanaque (Passaic) 0.27", and both Oakland (Bergen) and Mansfield Township (Warren) 0.26". Blairstown (Warren) caught 0.6" of snow in this minor storm.

The wettest storm of the month was from the 23rd-24th. The heaviest rain fell in the southeast with a secondary maximum in the northeast. Dennis Township (Cape May) topped the list at 1.17", with Woodbine (Cape May) stations catching 1.12" and 1.13", followed by Egg Harbor Township at 1.03". Late-afternoon thunderstorms occurred in Cape May and Atlantic counties. Higher elevations in the north saw some snow, with 3.0" at the High Point State Park (Sussex), 2.3" in Wantage (Sussex), and 1.5" in Vernon (Sussex) and West Milford (Passaic).

February was not a particularly windy month, though on seven days gusts equaled or exceeded 40 mph at one or more locations. High Point Monument gusted to 40 mph on the 3rd. This site reached 40 mph on the 11th when Wantage (Sussex) topped out at 43 mph. The Monument station reached 48 mph on the 12th, with Seaside Heights (Ocean) at 43 mph. Stewartsville (Warren) gusted to 50 mph on the 24th, with Wantage reaching 40 mph. The 25th was a very windy day, accompanied by snow squalls in portions of central and north Jersey. Peak gusts were 62 mph at both Wantage and High Point Monument. Atlantic City Marina (Atlantic) and Seaside Heights reached 53 mph and 52 mph respectively. Meanwhile, fifteen stations saw peak gusts between 40-49 mph. Fortunately, there was no significant damage or power outages accompanying these gusts. The 26th had gusts of 45 mph at High Point Monument and 40 mph in Wantage, with these two stations having 46 mph and 43 mph gusts respectively on the 28th.

It is hardly surprising that the monthly low barometric pressure of approximately 29.30" was achieved on the 24th with the highest pressures of the month in the mid 30.40"s range arriving on the 26th and 27th (the 3rd also had similar high values). This explains the strong winds that occurred on the 25th as a strong pressure gradient became established between the departing low pressure system and an arriving high.

Winter Overview

Mild conditions prevailed throughout the bulk of the winter. Monthly anomalies of 5.2°, 4.1°, and 4.7° from December through February made for a seasonal mean temperature of 38.2°, which is 4.7° above average. This ranks as the 4th mildest winter on record in New Jersey (Table 4). On nineteen winter days, the high temperature was 60° or higher at one or more locations in the state.

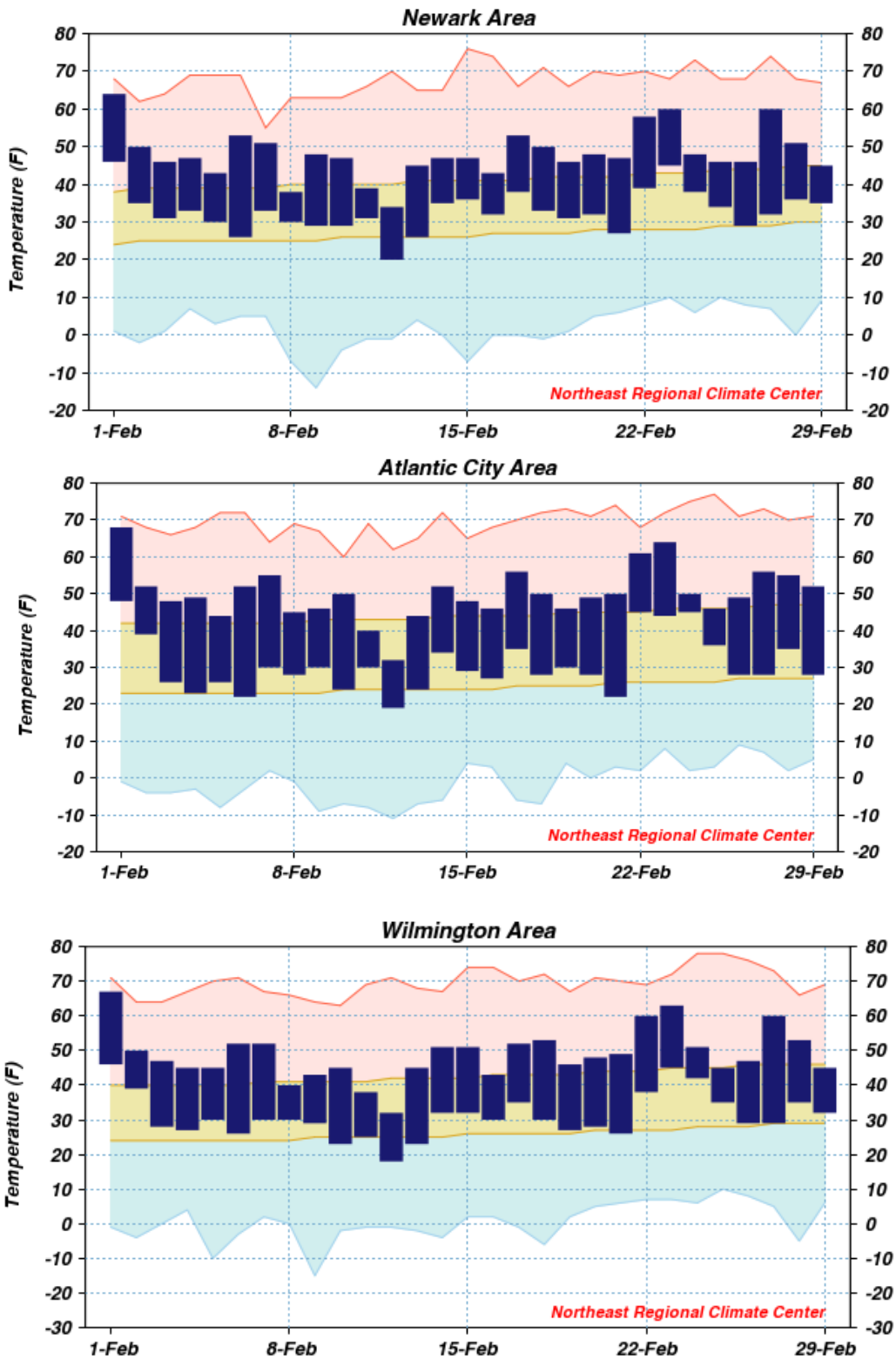
Rank	Year	Winter Avg. Temp.
1	2002	39.2°
2	1932	38.9°
3	1998	38.5°
4	2012	38.2°
5	1949	37.3°
6	1937	36.8°
7	1991	36.6°
8	1999	36.6°
9	1953	36.5°
10	1950	36.4°

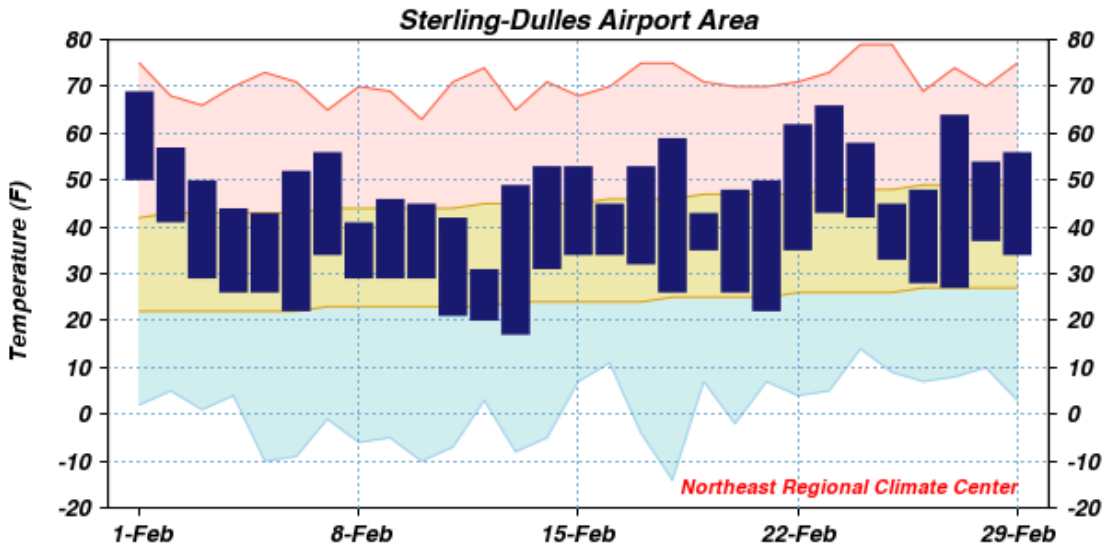
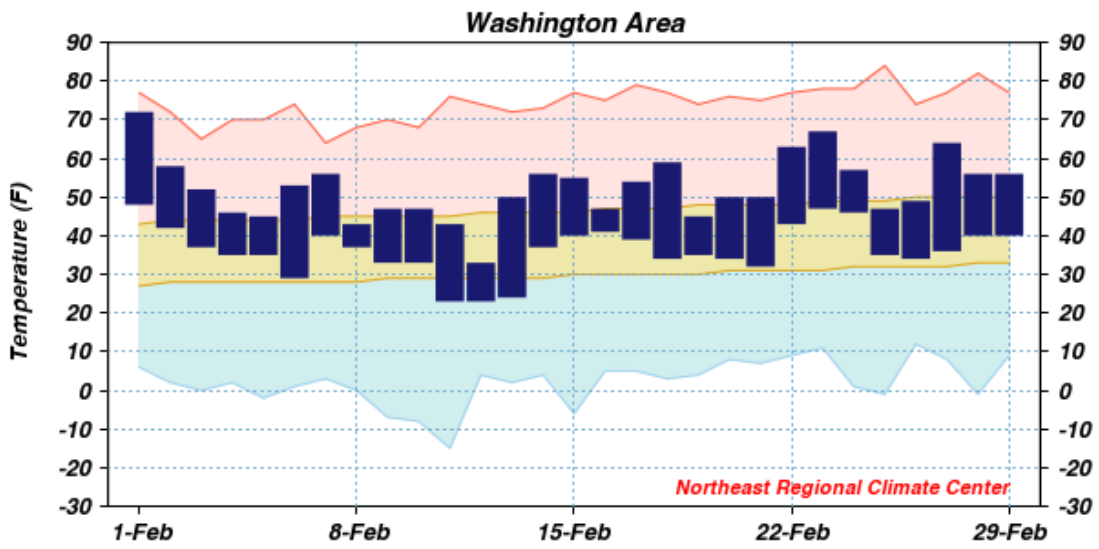
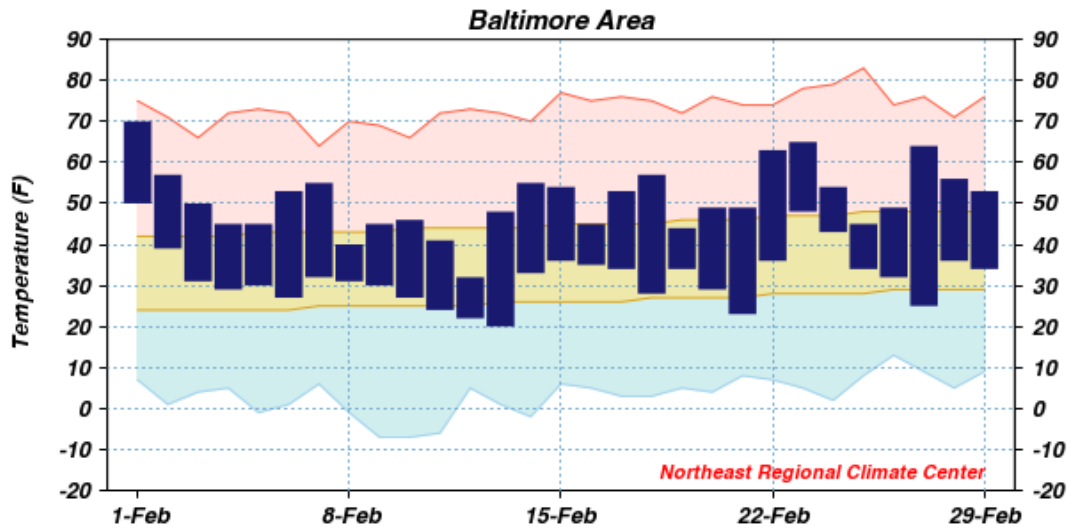
Table 4. The ten mildest winters (Dec-Feb) across New Jersey since 1895.
The year listed applies to the year in which January falls.

Winter precipitation totaled 8.57", which is 1.68" below average and ranks as the 30th driest on record. Given the heavy rains of 2011, NJ's hydrological situation is good. This includes ground water, rivers, and reservoirs.

Snowfall was meager throughout the winter months. The 20.0" long-term average for the three months far exceeds the 4.9" winter total resulting from no snow in December, 2.8" in January, and 2.1" in February. Statewide, snowfall has averaged 7.7" since the first flakes flew on October 29, 2011. The northern third of the state has totaled 12.0", the central region 9.4", and the south 4.6". Were not a flake to accumulate the rest of the season, this would be the 6th least snowy winter since records began in the winter of 1895-1896.

DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL



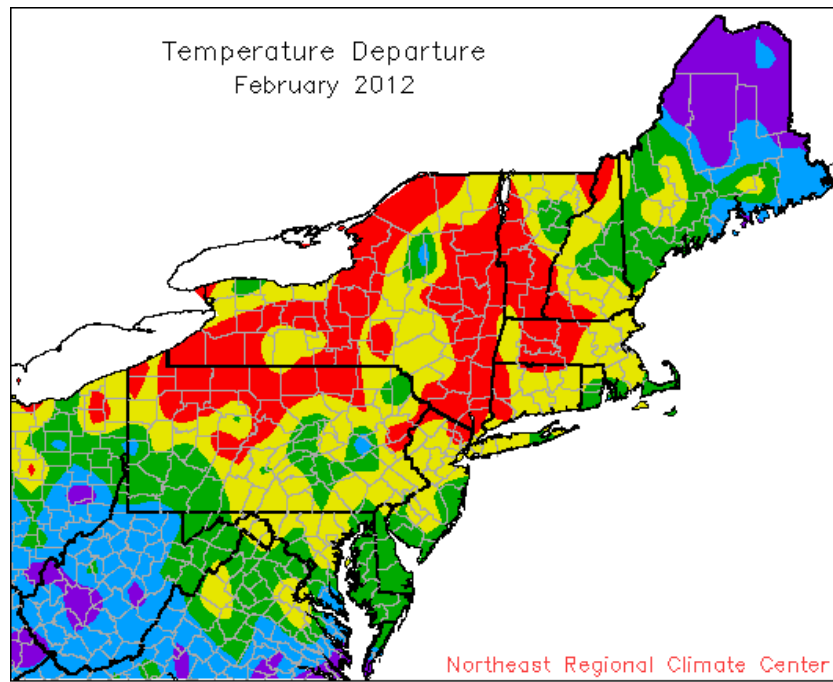
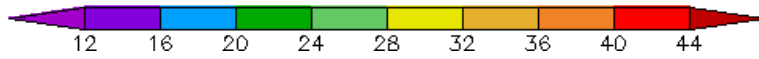
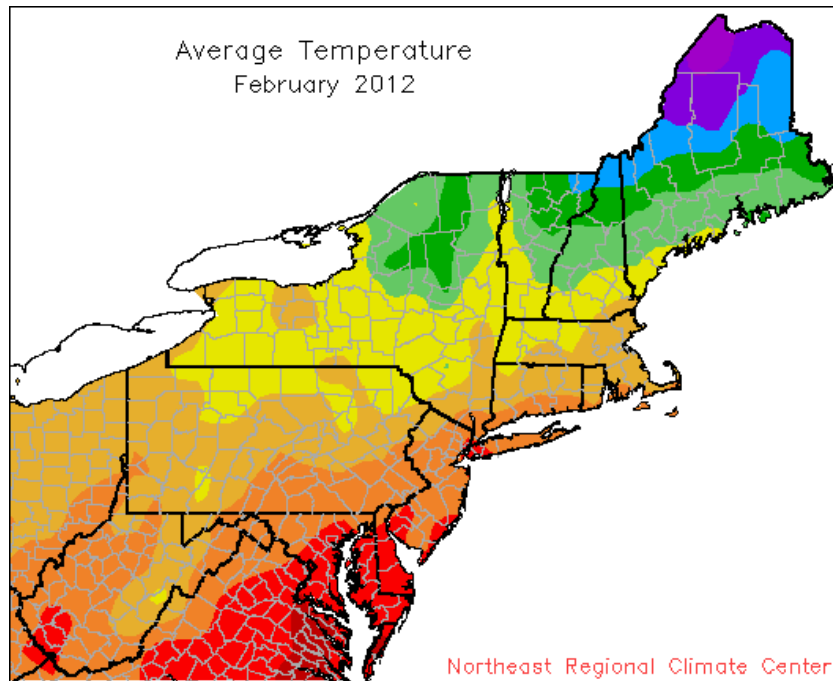


Area between normal max and min temperatures has tan shading.

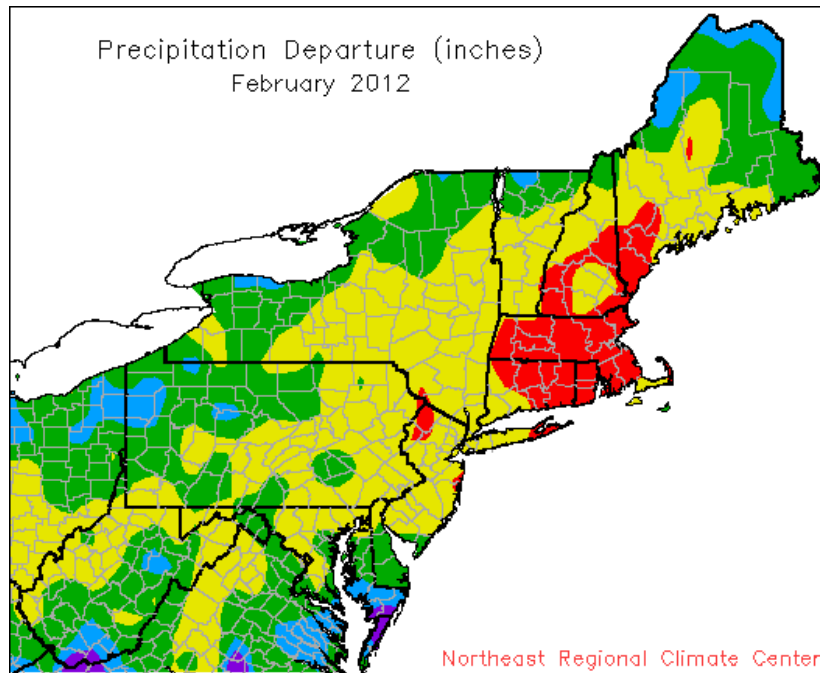
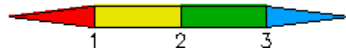
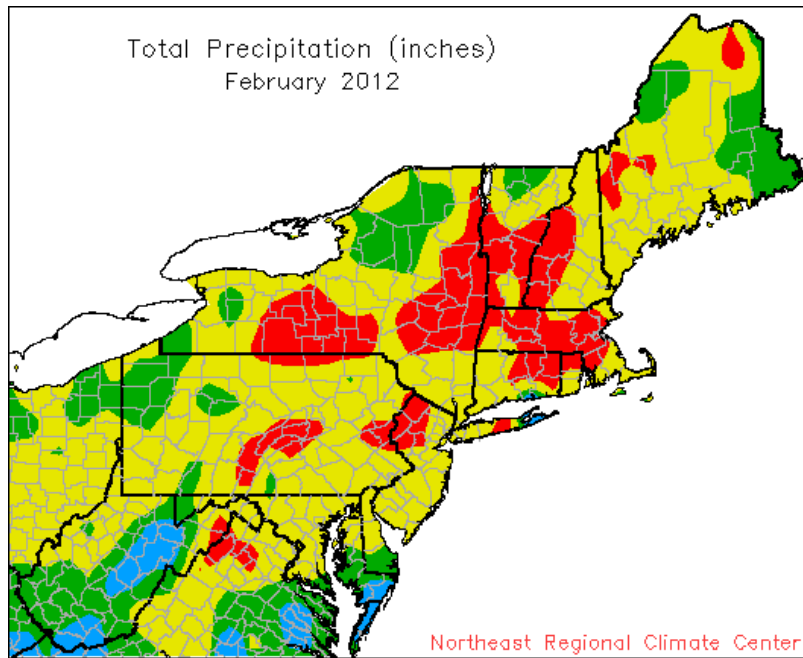
Red line connects record high temperatures.

Light blue line connects record low temperatures.

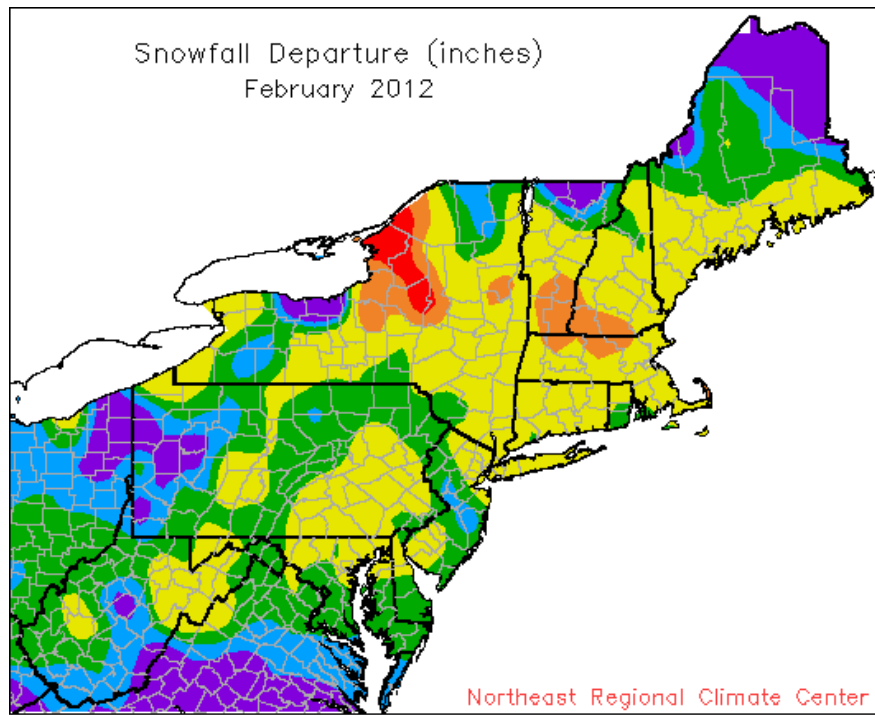
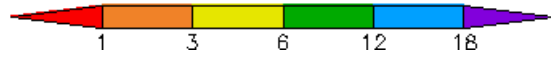
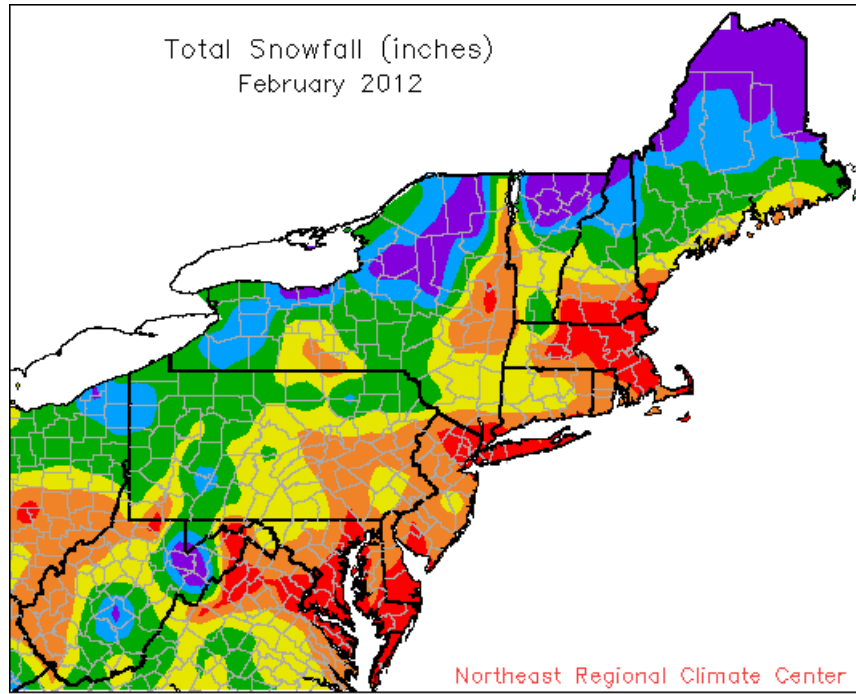
MONTHLY TEMPERATURE MAPS



MONTHLY PRECIPITATION MAPS



MONTHLY SNOWFALL MAPS



PRELIMINARY MONTHLY SUMMARIZED DATA FEBRUARY 2012

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 50+	DAY 32-	MON 32-	DAY 0-	MON TOT	DEPRT 0.1+	DAYS 0.1+	DLY MAX	DAY MAX	MON TOT	DLY MAX			
-DE: NORTHERN-																				
BEAR 2 SW	49.0	29.6	39.3	4.9	67	1	20	12	14	0	22	0	1.88	-0.91	5	1.02	29	2.3	2.0	11
WILMINGTON NEW CAS	48.9	31.0	39.9	4.8	67	1	18	12	13	1	21	0	2.09	-0.59	5	1.14	29	2.3	2.0	11
WILMINGTON PORTER R	47.2	31.2	39.2	4.6	64	1	17	12	11	0	19	0	1.01	-1.98	4	0.32	11			
-DIVISION-			39.5	4.5									1.66	-1.13				2.3		
-DE: SOUTHERN-																				
DOVER	52.7	32.3	42.5	4.5	67	1	19	12	20	0	18	0								
-DIVISION-			42.5	5.3									3.04	0.01						
-STATE-			41.8	5.1									2.74	-0.24				0.5		
-MD: SOUTHEASTERN-																				
SALISBURY WICOMICO	53.4	31.8	42.6	4.9	77	24	18	13	19	1	21	0	3.60	0.25	8	1.54	29	NM		
-DIVISION-			42.6	4.0									3.60	0.39						
-MD: CENTRAL EAST-																				
ROYAL OAK 2 SSW	51.7	35.0	43.3	4.4	67	24+	23	21	16	0	9	0	2.80	-0.33	7	1.05	29	1.0	0.5	20+
-DIVISION-			43.3	5.4									2.80	-0.29				1		
-MD: LOWER SOUTHE-																				
MECHANICSVILLE 5 *	51.5	28.8	40.1	3.2	70	2	16	14+					2.02	-1.06	6	0.73	25			
SOLOMONS	50.5	36.4	43.5	4.2	69	2	23	12	15	1	7	0								
-DIVISION-			41.8	4.3									2.02	-0.95						
-MD: UPPER SOUTHE-																				
BALTIMORE WASH INT	51.1	32.1	41.6	5.8	70	1	20	13	15	1	16	0	2.42	-0.48	5	1.64	29	0.5	0.5	11
BELTSVILLE	50.8	30.9	40.8	5.1	68	2	18	13	15	1	18	0	0.76	-1.84	4	0.18	25	0.5	0.5	5
DALECARLIA RSVR	51.0	32.3	41.6	3.8	70	2	21	13+	16	1	15	0	1.95	-1.08	8	0.52	25	0		
LAUREL 3 W	50.7	33.2	41.9	5.6	68	1	20	13+	17	1	14	0	2.51	-0.52	6	1.53	29			
BALTIMORE DOWNTOWN	53.0	38.8	45.9	7.3	71	1	25	13+	17	0	3	0	2.39	-0.21	5	1.56	29	NM		
NATL ARBORETUM DC*	54.3	32.1	43.2	4.8	71	2	22	13												
OXON HILL	51.9	33.0	42.4	4.5	69	2	21	13+	17	1	14	0	1.15	-1.78	7	0.29	25	0.4	0.2	12
UPPER MARLBORO 3 N	51.9	30.3	41.1	4.9	71	2	17	13	16	1	19	0	1.17	-1.55	4	0.40	25	0.6	0.3	12+
-DIVISION-			42.3	5.2									1.76	-1.07				0.4		
-MD: NORTHEASTERN-																				
STEVENSVILLE	49.2	35.1	42.1	5.3	68	2	23	12	13	1	7	0	1.39		5	0.66	25	T	T	
-DIVISION-			42.1	5.9									1.39	-1.53				0		
-MD: NORTHERN CEN-																				
ABERDEEN PHILLIPS	49.6	30.0	39.8	4.2	68	2	19	13+	13	1	20	0								
BRIGHTON DAM	49.3	29.3	39.3		63	1	17	13	15	1	22	0								
CATOCTIN MTN PK													1.60	-1.65	6	0.40	24+	NM		
CONOWINGO DAM													0.88	-1.97	5	0.18	24	0.5	0.5	12
CYLBURN	49.0	31.7	40.3	4.6	66	2	19	12	13	0	18	0						NM		
DAMASCUS	46.4	30.6	38.5	4.2	64	2	18	12	9	0	18	0	1.27	-1.90	5	0.32	17			
EMMITSBURG 2 SE	48.1	27.9	38.0	5.6	63	2+	19	12	12	1	22	0	0.93	-1.77	4	0.31	24			
FREDERICK 2 NNE	49.6	29.7	39.7	5.5	65	2+	21	13+	15	1	21	0	1.74	-1.08	5	0.67	11	2.2	1.2	9
MILLERS 4 NE	47.7	29.9	38.8	5.6	64	1	16	12	10	1	21	0	2.32	-0.87	6	0.90	29	6.4	2.0	8
WESTMINSTER POL BR	48.9	29.1	39.0	4.4	65	2+	18	12	14	1	23	0	0.94	-1.55	5	0.32	24	0		
-DIVISION-			39.2	4.7									1.44	-1.43				2.9		
-MD: APPALACHIAN -																				
CUMBERLAND 2	49.6	29.4	39.5	4.7	67	1	17	12	16	1	23	0	1.37	-1.00	5	0.42	24			
FROSTBURG 2	42.1	24.6	33.4	4.8	58	28+	9	12	8	4	25	0	1.65	-1.47	4	0.46	24			
WILLIAMSPORT *	50.8	28.0	39.4	5.7	70	1	20	13												
-DIVISION-			37.4	4.6									1.51	-1.14						

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	MAX	MIN	0-	MON	DEPRT	DAYS	DLY	DAY	MON	DLY	DAY	
	MAX	MIN	AVG		MAX	MIN			50+	32-	32-	0-	TOT		0.1+	MAX		TOT	MAX			
-MD: ALLEGHENY PL-																						
OAKLAND 1 SE	42.2	22.8	32.5	4.7	60	25	6	12+	6	6	24	0	3.16	-0.04	8	1.07	12	17.4	9.2	12		
KITZMILLER 1 W	45.1	26.3	35.7		62	25	13	12	11	2	23	0	1.48		5	0.46	24	NM				
-DIVISION-			34.1	4.5									2.32	-0.62				17.4				
-STATE-			40.3	4.8									2.02	-0.92				2.3				
-NJ: NORTHERN-																						
BELVIDERE BRG	46.0	24.7	35.3	4.6	60	2	17	6	8	1	27	0	0.52	-2.15	2	0.22	25	0.9	0.5	12		
BOONTON 1 SE	46.6	28.0	37.3	6.6	59	2	19	12	9	1	23	0	0.82	-2.08	3	0.27	25	0.5	0.5	11		
BOUND BROOK 2 W													0.83	-1.72	3	0.27	25					
CANOE BROOK	47.4	29.5	38.5	7.2	62	2	20	12	9	1	22	0	0.99	-1.81	3	0.37	25	0.5	0.3	11		
CHARLOTTEBURG RSV*	43.6	26.0	34.8	5.0	57	2	15	12														
CHATHAM 2 W	48.0	24.8	36.4	5.2	62	24+	14	12	12	0	27	0	1.05	-2.32	3	0.41	25	0.7	0.4	9		
CRANFORD	50.0	29.0	39.5	5.6	64	2+	18	12	13	0	20	0	1.06	-2.14	3	0.36	24	0.5	0.3	9		
FLEMINGTON 5 NNW *	46.3	26.3	36.2	5.1	61	2	18	12														
HARRISON	47.9	32.1	40.0	6.0	64	2	20	12	10	0	18	0										
NEWARK INTL AP	48.3	32.8	40.5	5.9	64	1	20	12	10	0	15	0	1.33	-1.55	3	0.58	24	0.3	0.2	8		
PHILLIPSBURG EAST*	46.6	28.3	37.4	7.0	61	2	18	13+														
PLAINFIELD	48.9	30.6	39.7	5.6	64	1	19	11	12	0	18	0	2.30	-0.65	5	0.80	1	0.5	0.5	8		
POTTERSVILLE 2 NNW	46.4	28.6	37.5		59	24	20	12	9	1	22	0	0.80	-2.04	3	0.24	24					
SUSSEX 2 NW	44.5	25.2	34.8	6.9	58	2	15	12	7	1	26	0										
WAYNE	47.6	30.5	39.1		62	2	20	12	8	0	21	0	1.05		3	0.42	25	NM				
WERTSVILLE 4 NE	47.0	27.8	37.4	5.8	63	2	16	13+	9	0	24	0	1.17	-1.51	6	0.26	25					
TOCKS ISLAND	45.5	26.7	36.1		59	2	19	12	6	1	26	0										
-DIVISION-			37.5	5.7									1.11	-1.78				0.6				
-NJ: SOUTHERN-																						
ATLANTIC CITY INTL	50.2	30.7	40.4	5.1	68	1	19	12	15	1	20	0	2.39	-0.48	7	0.90	24	2.0	1.7	11		
ESTELL MANOR	50.6	28.8	39.7	5.1	66	2	18	12	17	0	21	0	1.77	-1.52	8	0.67	25					
FREEHOLD MARLBORO	48.9	29.7	39.3	5.5	64	2	18	12	13	0	22	0	0.71	-2.09	4	0.14	11					
HAMMONTON 1 NE *	49.4	30.2	39.8	5.6	66	2	18	12														
HIGHTSTOWN 2 W	48.3	27.0	37.7	4.4	65	2	17	13+	12	0	24	0	0.77	-1.78	5	0.16	24	5.5	2.3	11+		
INDIAN MILLS	49.5	29.8	39.7	5.5	65	1	14	12	13	0	21	0	1.94	-0.87	7	0.48	29	2.0	2.0	12		
MILLVILLE MUNI AP	48.6	26.9	37.7	3.4	66	1	19	21+	13	1	23	0	2.03	-0.75	5	0.84	29	NM				
MOORESTOWN	51.3	32.4	41.8	6.1	66	1	18	12	17	0	18	0	1.45	-1.31	5	0.60	29					
NEW BRUNSWICK 3 S*	49.6	28.1	38.9	5.9	65	2	19	12														
SEABROOK FARMS	48.7	32.9	40.8		66	2	19	12	13	2	14	0	1.27		5	0.31	25					
SOMERDALE 4 SW	46.9	27.3	37.1		63	2	16	13+	9	0	23	0	1.12	-2.01	4	0.29	24					
TRENTON MERCER CO	49.7	32.5	41.1	7.1	67	1	20	12	14	0	17	0	1.58	-0.73	4	0.70	29	NM				
PHILADELPHIA MT HO	48.6	29.3	38.9		65	2	18	13+	12	1	22	0	0.96		5	0.28	12	2.9	1.9	12		
-DIVISION-			39.5	4.6									1.45	-1.39				3.1				
-NJ: COASTAL-																						
ATLANTIC CITY	47.3	35.9	41.6	4.4	64	2	21	13	9	1	5	0	1.45	-1.42	6	0.55	25	NM				
BRANT BEACH HVN	45.5	34.8	40.1	4.6	58	2	21	12	4	1	4	0	1.55	-1.31	5	0.58	25	NM				
CAPE MAY 2 NW	49.4	33.3	41.4	4.6	65	23+	21	12	14	0	15	0	2.73	-0.09	8	1.07	29	0.8	0.6	11		
LONG BRANCH OAKHUR	48.2	30.6	39.4	4.7	65	2	20	13+	9	0	20	0	0.98	-2.06	4	0.31	25	NM				
-DIVISION-			40.6	4.5									1.68	-1.21				0.8				
-STATE-			38.8	5.0									1.34	-1.52				2				

*= 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 FEBRUARY 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	739	-116	3129	-646	0	0	0	0				
WILMINGTON NEW CAST	719	-117	3064	-559	0	0	0	0				
WILMINGTON PORTER RS	742	-110			0	0						
-DE: SOUTHERN-												
DOVER	646	-110			0	0	0	0				
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	645	-119	2548	-757	0	0	0	0				
-MD: CENTRAL EASTERN SHORE-												
ROYAL OAK 2 SSW	622	-110			0	0	0	0				
-MD: LOWER SOUTHERN-												
SOLOMONS	620	-101	2431	-453	0	0	0	0				
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	670	-149	2904	-691	0	0	0	0				
BELTSVILLE	694	-125	3002	-564	0	0	0	0				
DALECARLIA RSVR	669	-94			0	0	0	0				
LAUREL 3 W	662	-141			0	0	0	0				
BALTIMORE DOWNTOWN	546	-194	2269	-819	0	0	0	0				
OXON HILL	647	-113	2818	-461	0	0	0	0				
UPPER MARLBORO 3 NN	684	-122	2984	-538	0	0	0	0				
-MD: NORTHEASTERN SHORE-												
STEVENSVILLE	656	-133	2693	-543	0	0	0	0				
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	724	-98	3102	-431	0	0	0	0				
BRIGHTON DAM	736				0							
CYLBURN	708	-114	3116	-577	0	0	0	0				
DAMASCUS	764	-97	3230	-595	0	0	0	0				
EMMITSBURG 2 SE	777	-137	3507	-517	0	0	0	0				
FREDERICK 2 NNE	725	-139			0	0	0	0				
MILLERS 4 NE	756	-136	3279	-707	0	0	0	0				
WESTMINSTER POL BRK	745	-107			0	0						
-MD: APPALACHIAN MOUNTAIN-												
CUMBERLAND 2	733	-114			0	0	0	0				
FROSTBURG 2	911	-107	4182	-545	0	0	0	0				
-MD: ALLEGHENY PLATEAU-												
OAKLAND 1 SE	936	-107	4267	-593	0	0	0	0				
KITZMILLER 1 W	840				0		0					
-NJ: NORTHERN-												
BELVIDERE BRG	855	-105			0	0						
BOONTON 1 SE	797	-163			0	0						
CANOE BROOK	761	-182			0	0	0	0				
CHATHAM 2 W	823	-123			0	0						
CRANFORD	732	-139			0	0	0	0				
HARRISON	715	-153			0	0	0	0				

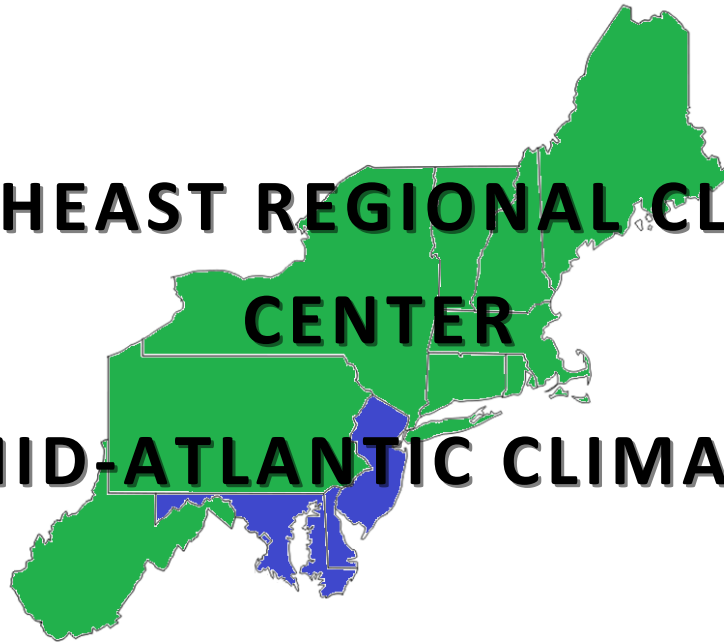
STATION	HEATING DEGREE DAYS (BASE 65)				COOLING DEGREE DAYS (BASE 65)				GROWING DEGREE DAYS (BASE 50)			
	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON
NEWARK INTL AP	702	-149	2910	-725	0	0	0	0				
PLAINFIELD	726	-139			0	0						
POTTERSVILLE 2 NNW	789				0		0					
SUSSEX 2 NW	867	-172			0	0						
WAYNE	746				0		0					
WERTSVILLE 4 NE	795	-141			0	0						
TOCKS ISLAND	829		3653		0		0					
-NJ: SOUTHERN-												
ATLANTIC CITY INTL	707	-123	2832	-759	0	0	0	0				
ESTELL MANOR	725	-126	3049	-690	0	0	0	0				
FREEHOLD MARLBORO	739	-134			0	0	0	0				
HIGHTSTOWN 2 W	785	-102			0	0	0	0				
INDIAN MILLS	729	-133			0	0	0	0				
MILLVILLE MUNI AP	781	-80			0	0						
MOORESTOWN	666	-154			0	0						
SEABROOK FARMS	696				0							
SOMERDALE 4 SW	801		3497		0		0					
TRENTON MERCER CO A	685	-183	2913	-901	0	0	0	0				
PHILADELPHIA MT HOL	750		3169		0		0					
-NJ: COASTAL-												
ATLANTIC CITY	670	-108	2564	-619	0	0	0	0				
BRANT BEACH HVN	714	-113			0	0	0	0				
CAPE MAY 2 NW	679	-112	2677	-578	0	0	0	0				
LONG BRANCH OAKHURS	737	-111			0	0						

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
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