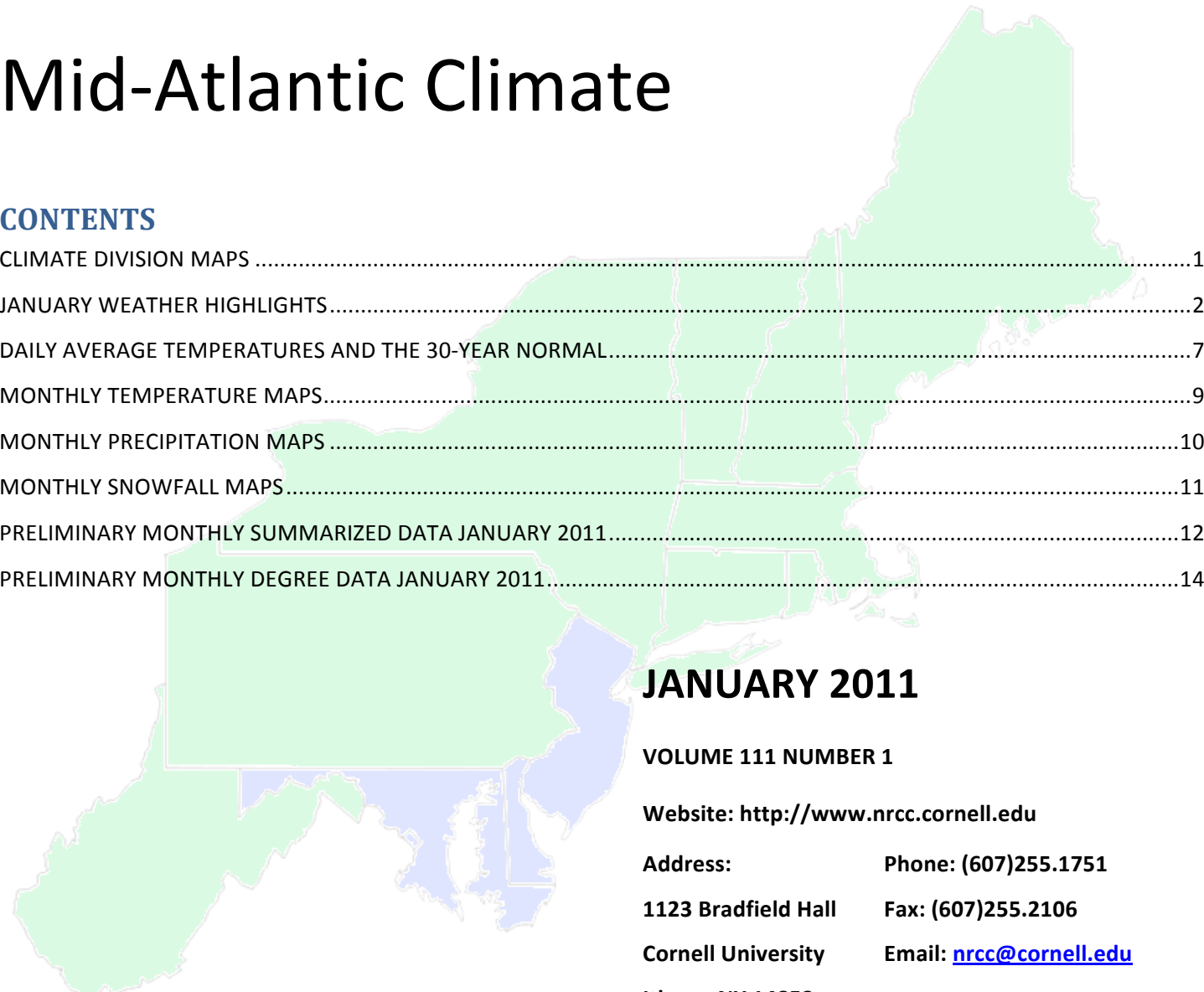


# Northeast Regional Climate Center

## Mid-Atlantic Climate

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## JANUARY 2011

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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

## JANUARY WEATHER HIGHLIGHTS

The Mid-Atlantic region was cooler than normal for the second month in a row. January 2011 averaged 28.7 degrees, which was 3.1 degrees below normal. This was 3.0 degrees cooler than January 2010, but 0.1 degree warmer than January 2009. Each state in the region was cooler than normal, with departures of -2.9 degrees in Maryland, -3.2 degrees in New Jersey, and -3.5 degrees in Delaware. Downtown Baltimore, MD and Toms River, NJ reported the warmest temperature this month, 61 degrees, on the 2<sup>nd</sup>. The cool spot was Oakland, MD, with a low of -9 degrees on the 25<sup>th</sup>.

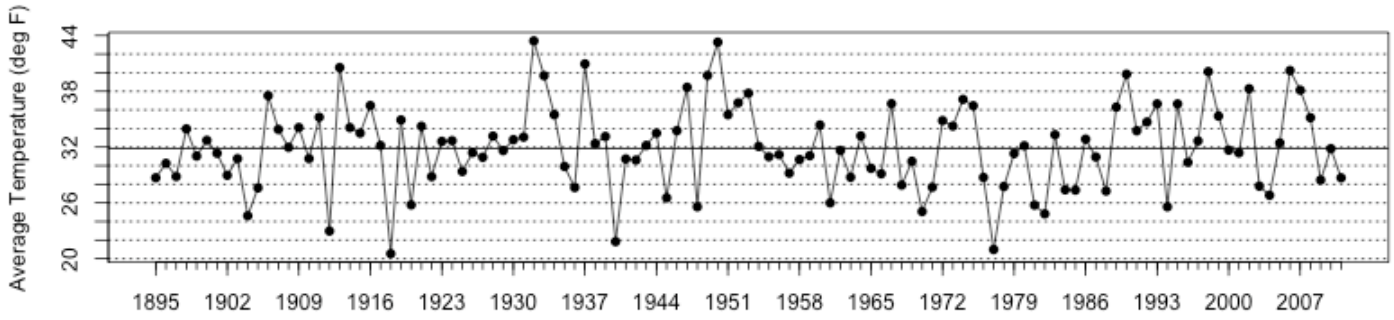
Precipitation totals averaged 79% of normal in January. The region saw an average of 3.01 inches, which was 0.13 inches more than what fell during January 2010. It was the wettest January since 2007. Individually, the state averages were 71% in Maryland, 79% in Delaware, and 91% in New Jersey. Harrison, NJ reported the most precipitation this month, 5.34 inches. Newark, NJ's snowfall total of 37.4 inches was the highest in the state this month as well as a new monthly record for the station.

The first major snowstorm to hit Maryland and Delaware was the sixth storm to impact New Jersey this month. Totals for the storm on the 26<sup>th</sup> and 27<sup>th</sup> ranged from 3-12 inches in Maryland and Delaware and 3-20 inches in New Jersey. This storm caused travel nightmares throughout the region, but notably in the Baltimore-Washington area where commuters were stuck for up to eight hours due to extremely slick conditions, accidents and abandoned vehicles. A few weather-related deaths were reported in Maryland and Delaware during this storm.

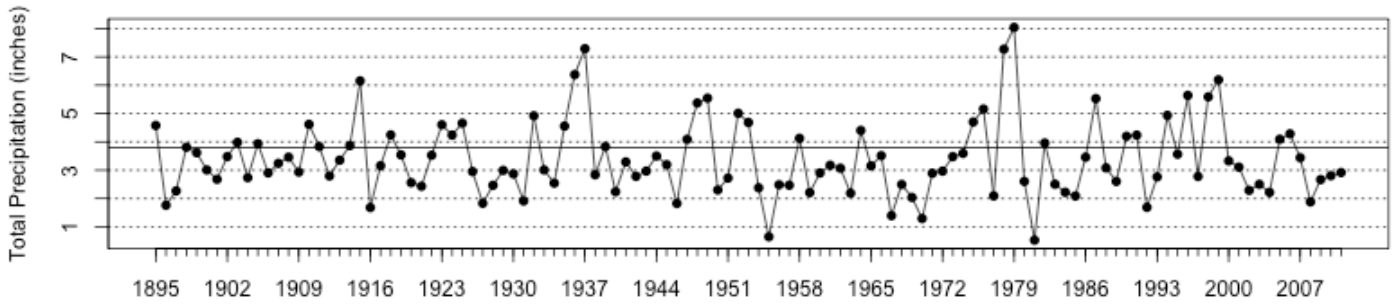
### Daily Snowfall Records

Location	Day	New (inches)	Previous
Atlantic City, NJ	8	7.7	6.6 in 1988
Newark, NJ	12	6.4	3.2 in 1994
Newark, NJ	22	4.5	4.2 in 2001
Baltimore, MD	26	7.8	6.9 in 1966
Dulles AP	26	7.3	6.1 in 1987
Wilmington, DE	26	10.3	5.2 in 1987
Newark, NJ	27	6.7	6.5 in 1894

**Mid Atlantic Average January Temperatures**



**Mid Atlantic January Precipitation Totals**



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

## Snow and More Snow January 2011 Overview

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

The new year started off with several mild days, which served to melt some of the massive amounts of snow that fell in the eastern half of NJ during the late December blizzard. Just when some thought we might be in for a more tranquil January, temperatures dropped and snow began to fly. By month's end, six snow events each delivered two or more inches of the white stuff to all or a portion of the state. In some locations, this month was the snowiest January on record. For instance, the 31.2" that fell in New Brunswick broke the record of 27.4" from January 1986. With 118 years of observations in this community, it is rather remarkable that their two snowiest months on record are February 2010 (37.4") and this month!

Rain fell in some locations during several of the snow events, with only the storm on the 17<sup>th</sup>-18<sup>th</sup> remaining a predominantly rainy one. Harrison (Hudson County) with 5.34" received the most precipitation, followed by Howell Township (Monmouth) with 5.07", 4.81" at Moorestown (Burlington) and 4.79" in Red Bank (Monmouth). The least amount of precipitation fell in Egg Harbor Township (Atlantic) with 2.37", followed by 2.55" in Wantage (Sussex) and 2.69" in Middle Township (Cape May).

The first notable precipitation event of the month was on the 7<sup>th</sup>, when 4-6" of snow fell over the northeast corner of the state. Mahwah (Bergen) with 6.0" caught the most. Most of the remainder of the state saw 1-2", with coastal counties coming in under an inch. The next day saw another small system impact the state, only this time it was the southeast seeing the most snow, with 4-7" in most places and as much as 7.7" in Pomona (Atlantic). Snowfall tapered off to less than 2" in the north, with none in Bergen County, which had seen the most the day before.

A moderate-sized storm impacted NJ on the 11<sup>th</sup>-12<sup>th</sup>. The northern half saw 6-10" of snow fall, with the 10.0" at Freehold (Monmouth) and 9.8" in Garfield (Bergen) topping the list. Snow totals declined going south, with only about 2" in the southeast corner of the state. The aforementioned mixed precipitation event arrived late on the 17<sup>th</sup> and extended throughout the 18<sup>th</sup>. In the northern half of the state, 1-2" of snow (up to 3.0" in West Milford (Passaic)) changed to freezing rain and then plain rain. Rain and melted snow amounted to about 0.30-0.50" in the north. Only rain fell in the southern third, where about an inch of liquid precipitation fell.

It was not long until another snow event whitened NJ. Early on the 21<sup>st</sup> 4-5" accumulated in the northern third, 1-4" in the central third and less than an inch down south. Bethlehem Township (Hunterdon) reported 5.5", while Allamuchy (Warren) and West Orange (Essex) both topped out at 5.2".

The most powerful storm of the month started in the predawn hours of the 26<sup>th</sup>, tapering off early on the 27<sup>th</sup>. When all was said and done, greater than 10" of fresh snow covered most of central and northern NJ. Snow only amounted to 4-6" in extreme northwest Jersey and 2" in the far southeast. This storm did not rival the late December blizzard in terms of ferocity, as winds were generally light and impacts on NJ residents were not crippling. However in many a winter this would have been considered the event of the season. Table 1 shows the range of snowfall observations for this event in each county. The 19.5" in Rahway (Union) tops the list, followed by 18.9" in Newark Airport (Essex). The table also shows the largest January totals by county. They range from 9.3" in Woodbine (Cape May) to 42.8" in Bethlehem Township (Hunterdon).

County	1/26-27 Range	Monthly Maximum
Atlantic	2.0 - 11.3"	20.7"
Bergen	7.9 - 16.6"	37.4"
Burlington	8.0 - 15.6"	29.5"
Camden	10.1 - 13.4"	20.3"
Cape May	0.3 - 2.0"	9.3"
Cumberland	5.5 - 7.2"	10.3"
Essex	13.2 - 18.9"	37.4"
Gloucester	8.0 - 17.2"	22.2"
Hudson	16.0 - 17.0"	36.3"
Hunterdon	9.3 - 16.8"	42.8"
Mercer	11.2 - 18.0"	33.0"
Middlesex	13.1 - 17.7"	31.2"
Monmouth	6.5 - 16.5"	27.0"
Morris	8.1 - 18.5"	35.7"
Ocean	3.0 - 10.6"	19.7"
Passaic	6.3 - 19.0"	29.6"
Salem	4.0 - 6.5"	12.4"
Somerset	11.5 - 18.5"	35.2"
Sussex	4.0 - 8.9"	25.0"
Union	16.5 - 19.5"	40.3"
Warren	7.0 - 11.7"	27.3"

Table 1. Minimum and maximum snowfall totals (in inches) at observing sites in the 21 NJ counties for the storm on January 26<sup>th</sup> - 27<sup>th</sup> (left column Maximum monthly snowfall reported at a station in each county (right column).

It was a cold month across the Garden State. This is not surprising given that the jet stream often dipped to our south, permitting cold air to pour into NJ, as well as the refrigerating influence of the persistent snow cover over most of the state.

As in December 2010, the 1<sup>st</sup> of January was the warmest day of the month. Tom's River (Ocean) reached 61°, with Oswego Lake (Burlington), Howell (Monmouth) and Wall (Monmouth) reaching 60°. The warmth continued into the 2<sup>nd</sup>, with Hammonton (Atlantic) and Woodbine (Cape May) making it up to 57°. The only other time the thermometer reached 50° during the remainder of the month was on the 18<sup>th</sup>, when four southern stations reached this mark. There were four days during January where the maximum temperature failed to reach the freezing point anywhere in NJ. This included the 8<sup>th</sup>, 22<sup>nd</sup>, 23<sup>rd</sup> and 24<sup>th</sup>, with the 22<sup>nd</sup> being the coldest.

Minimum temperatures fell into the single digits above zero or lower at one or more Jersey location on fourteen days. As is often the case, a valley station influenced by cold air drainage from the surrounding hillsides led the way. Pequest (Warren) was the coldest location on twelve days, first falling to 3° on the 7<sup>th</sup>, when Kingwood (Hunterdon) reached 6°. The 8<sup>th</sup> saw Pequest at 0° and Basking Ridge at 2°. Pequest was 7° on the 10<sup>th</sup> and 6° on the 11<sup>th</sup>, also joined at that value by Berkeley Township (Ocean) on the 11<sup>th</sup>. Pequest and Kingwood fell to 3° on the 13<sup>th</sup>. It was -3° at Pequest and 0° in Basking Ridge and at Piney Hollow (Gloucester) on the 14<sup>th</sup>, and -1° at Pequest and 1° at three other locations on the 15<sup>th</sup>. High Point Monument fell to 7° on the 17<sup>th</sup> and 6° on the 21<sup>st</sup>. The coldest surge of the month saw the temperature fall to -8° at Pequest on the 22<sup>nd</sup>, with five other locations from -2° to -6°. Pequest fell to -14° on the 23<sup>rd</sup>, with Hope (Warren) down to -10° and ten other stations between -1° and -8°. The coldest morning

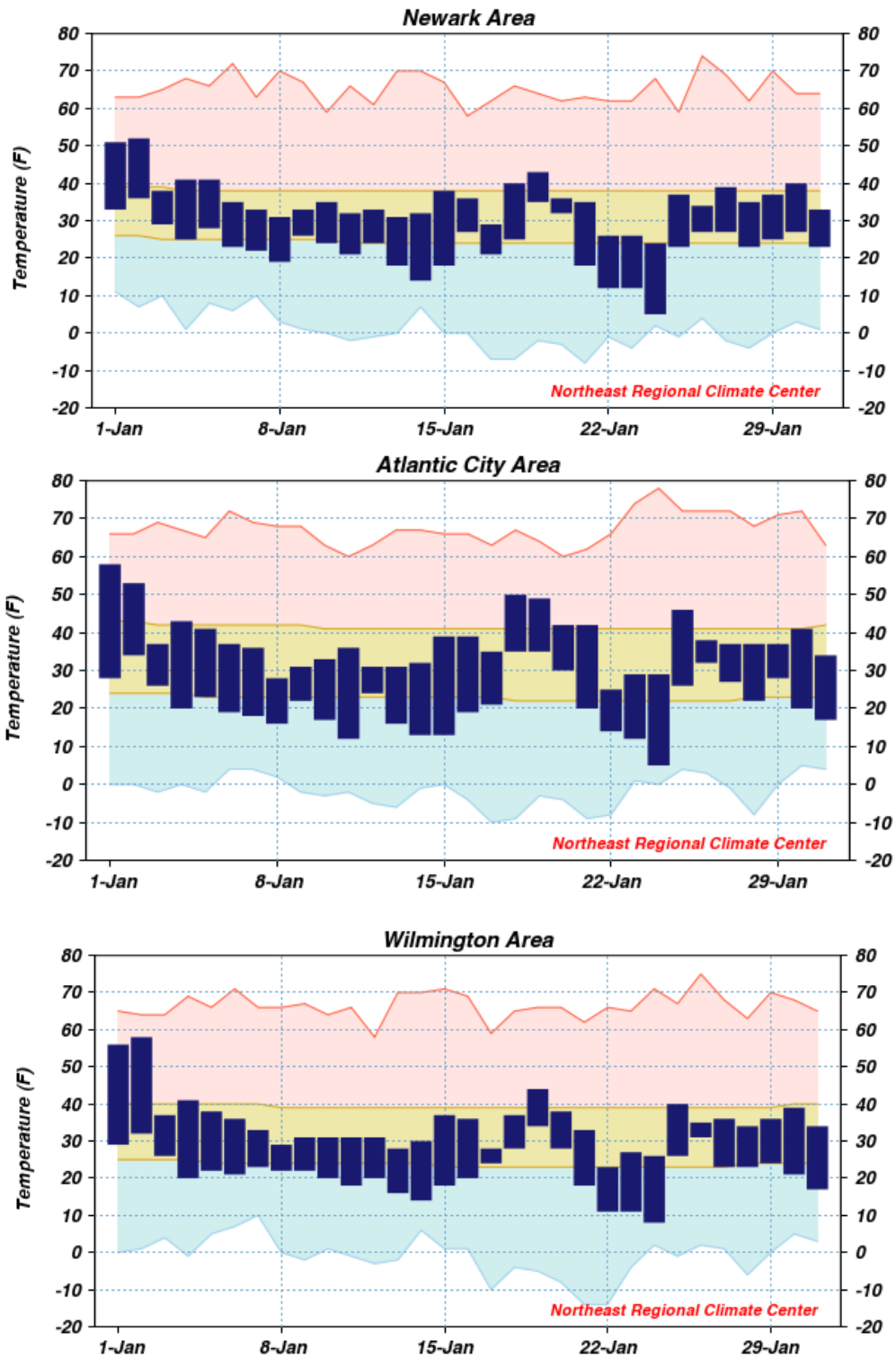
of the winter thus far was the 24<sup>th</sup>, with Pequest again at -14°, -9° at three stations and eleven others subzero. West Cape May (Cape May) was the "warmest" location in the state, with a minimum of 11°. The end of the month saw Pequest fall to 9° on the 28<sup>th</sup> and -2° on the 31<sup>st</sup>. Kingwood and Hope each reached 0° on the 31<sup>st</sup>.

Wind gusts were 40 mph or greater on ten days in January. As usual, the Wantage and High Point Monument stations in Sussex County often topped the list. Wantage gusted to 44 mph on the 2<sup>nd</sup>. The 9<sup>th</sup> through 14<sup>th</sup> saw Wantage gust to at least 40 mph each day, with High Point exceeding this mark on four of them. This included gusts of 53 mph at Wantage on the 9<sup>th</sup> and 10<sup>th</sup> and a 50 mph gust on the 13<sup>th</sup>. Later in the month, wind gusts reached 42 mph at Bivalve (Cumberland) on the 21<sup>st</sup>, 42 mph at Harvey Cedars on the 23<sup>rd</sup> and 50 mph at the Atlantic City Marina on the 26<sup>th</sup>.

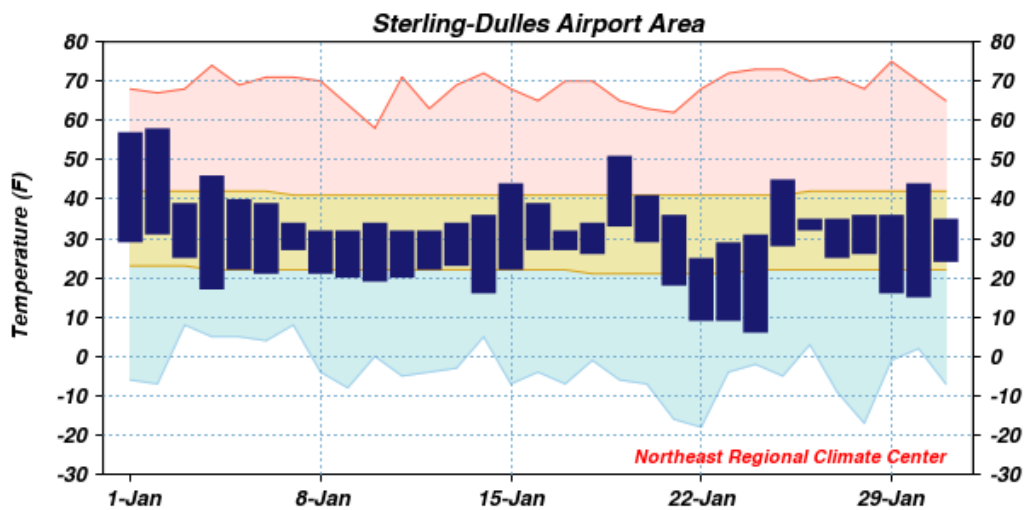
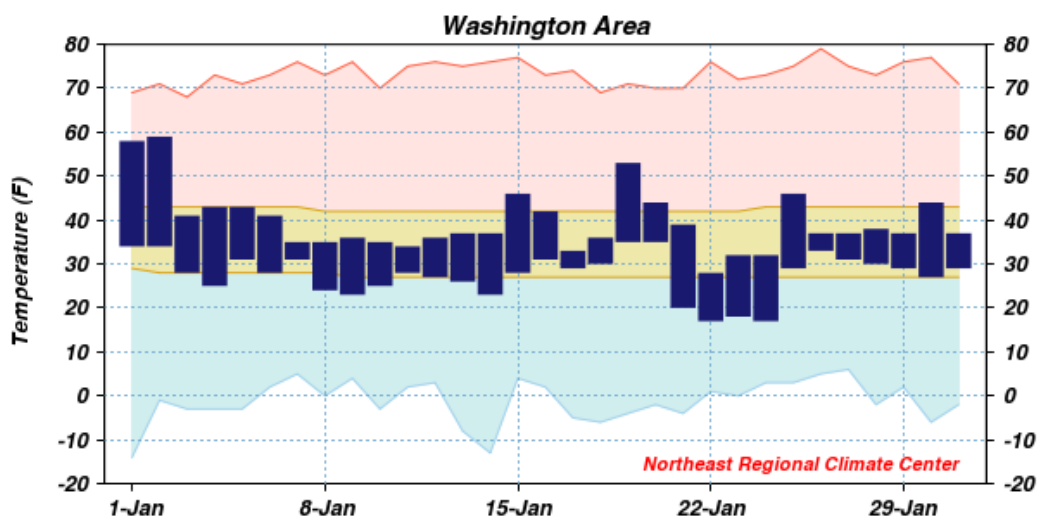
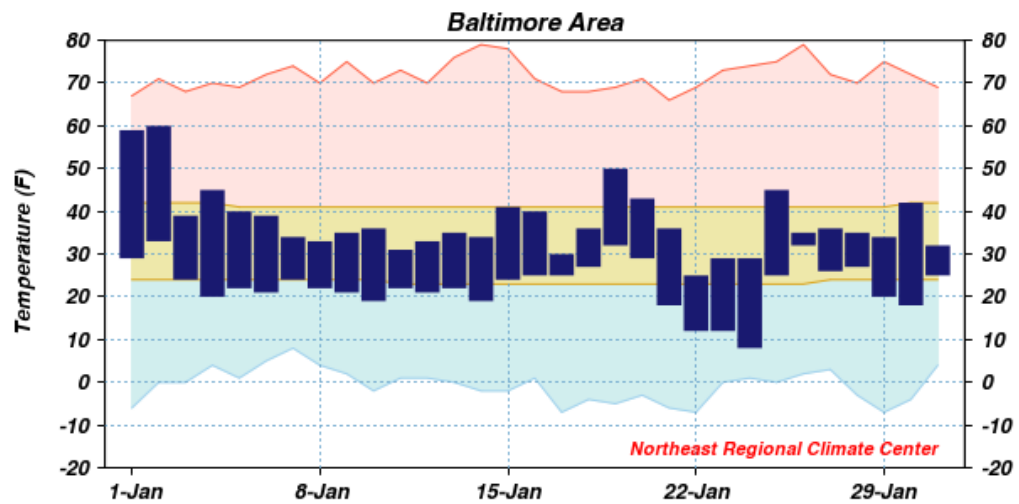
Polar high pressure systems brought pressures up to the 30.50-30.55" range across NJ on the 24<sup>th</sup> and 31<sup>st</sup>. Lowest pressures were observed on the 7<sup>th</sup> and 8<sup>th</sup>, falling to about 29.35".

Each of the snow events in January continued to deplete the snow removal budgets of communities and the state. Just where to put all of the snow became an issue later in the month, particularly in central and northeastern areas where seasonal totals have been the greatest. The storms closed schools on several occasions, leaving some districts already exceeding allotted snow days for the season. At months end, the amount of water locked up in the snow pack was as much as 3" in some locations. This raises the threat of flooding later in the season as the snow eventually melts. This will have to be monitored very carefully. And of course, with snow and ice so prevalent and the temperatures so cold, pot holes are beginning to grow on many roadways, certain to only become worse in the coming weeks.

# DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL





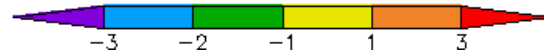
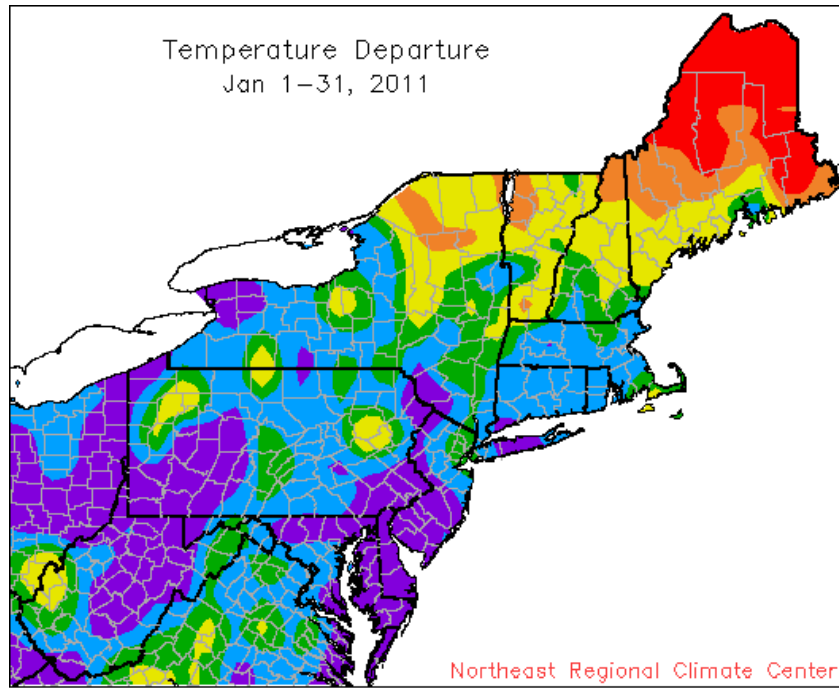
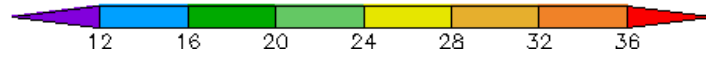
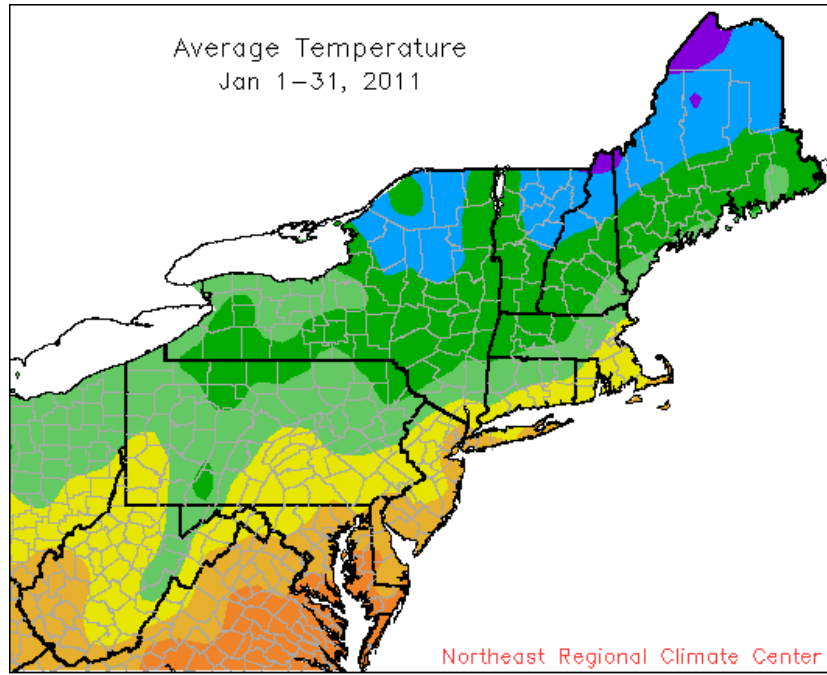


Area between normal max and min temperatures has tan shading.

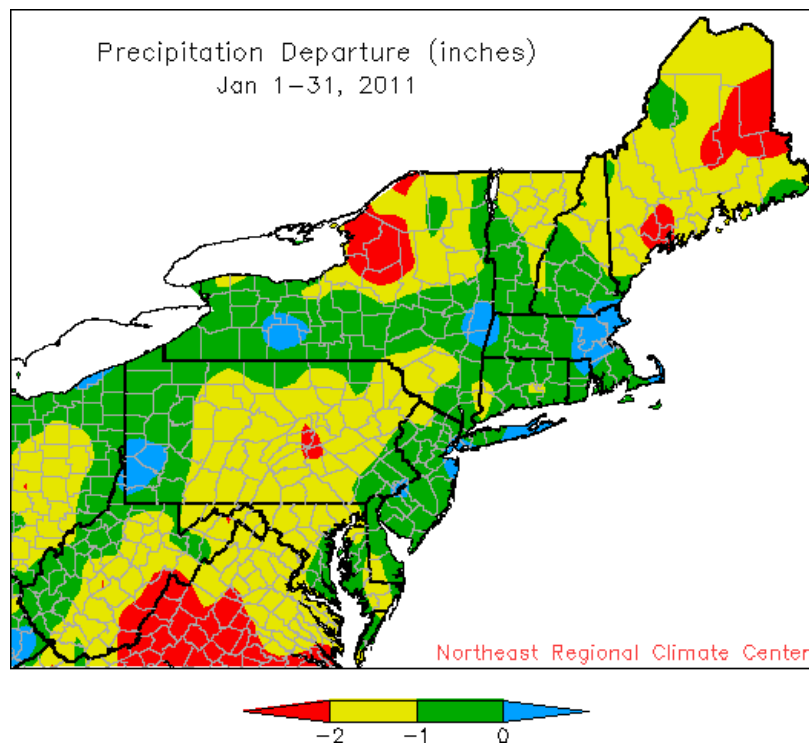
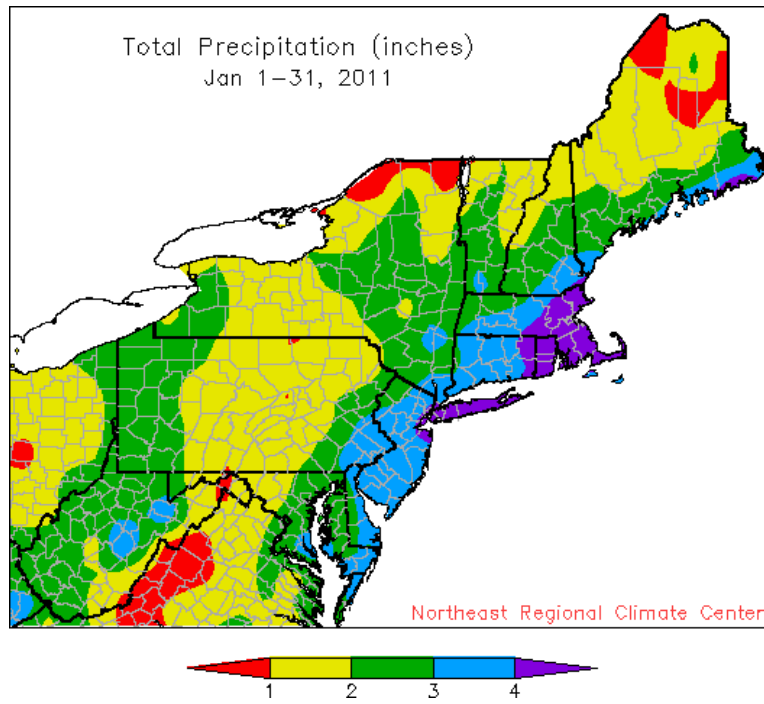
Red line connects record high temperatures.

Light blue line connects record low temperatures.

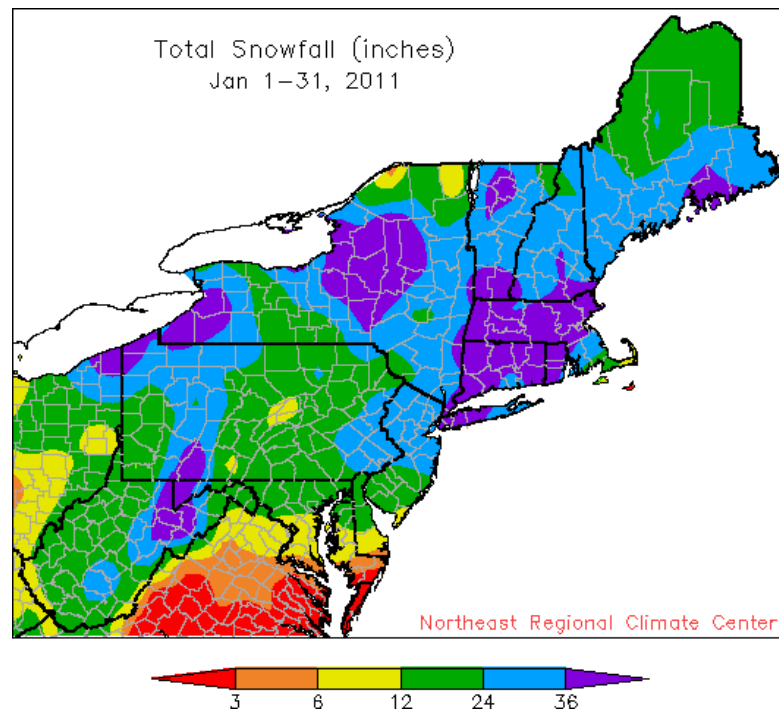
# MONTHLY TEMPERATURE MAPS



# MONTHLY PRECIPITATION MAPS



## MONTHLY SNOWFALL MAPS



# PRELIMINARY MONTHLY SUMMARIZED DATA JANUARY 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 50+	DAY 32-	MON 32-	DAY 0-	MON TOT	DEPRT	DAYS 0.1+	DLY MAX	DAY MAX	MON TOT	DLY MAX
-DE: NORTHERN-																	
BEAR 2 SW	36.2	21.0	28.6		58	2+	9	24	2	8	29	0	3.05		6	1.65	26
WILMINGTON NEW CAS	35.3	21.6	28.4	-3.1	58	2	8	24	2	11	30	0	3.22	-0.21	7	1.57	26
WILMINGTON PORTER R	33.3	22.2	27.8		55	2	7	24	2	17	31	0	2.97		10	0.85	26
-DIVISION-			28.3	-3.4									3.08	-0.62			20.7
-DE: SOUTHERN-																	
DOVER	38.7	23.5	31.1	-4.2	57	2	10	24+	2	6	28	0	3.10	-0.84	5	1.35	18
-DIVISION-			31.1	-3.5									3.10	-0.89			
-STATE-			30.5	-3.5									3.10	-0.83			4.6
-MD: SOUTHEASTERN-																	
SALISBURY WICOMICO	39.6	23.7	31.6	-4.1	58	1	8	24	5	3	28	0	3.01	-1.08	6	1.27	26
-DIVISION-			31.6	-4.4									3.01	-0.99			NM
-MD: CENTRAL EAST-																	
-DIVISION-			31.8	-3.0									2.94	-1.04			
-MD: LOWER SOUTHE-																	
MECHANICSVILLE 5 N	38.5	22.9	30.7	-4.2	58	2	7	25+	4	5	31	0	3.27	-0.72	6	1.02	27
SOLOMONS	38.9	27.9	33.4		59	2	17	24+	3	4	28	0					
-DIVISION-			32.1	-1.9									3.27	-0.45			
-MD: UPPER SOUTHE-																	
BALTIMORE WASH INT	37.8	22.7	30.2	-2.1	60	2	8	24	3	6	30	0	2.66	-0.81	4	1.82	26
BELTSVILLE	37.7	22.7	30.2	-2.4	58	2	10	24	4	6	31	0	2.12	-1.31	4	1.09	27
DALECARLIA RSVR	37.7	23.6	30.6	-3.4	57	2	11	24	2	7	30	0	1.44	-2.04	5	0.62	27
BALTIMORE DOWNTOWN	38.4	27.8	33.1		61	2	16	24+	3	4	25	0	2.06		4	1.26	26
NATL ARBORETUM DC	39.4	23.0	31.2	-2.3	53	20	10	24	3	3	30	0	2.55	-1.02	4	1.55	27
OXON HILL	38.8	25.0	31.9		58	2	11	25+	4	5	29	0	2.72		5	1.66	27
-DIVISION-			31.2	-2.1									2.26	-1.29			10.6 9
-MD: NORTHEASTERN-																	
STEVENSVILLE	37.5	26.6	32.1		56	2	15	25+	2	5	29	0	2.44		5	1.17	27
-DIVISION-			32.1	-0.6									2.44	-1.21			10.8 10.8
-MD: NORTHERN CEN-																	
ABERDEEN PHILLIPS	36.3	22.2	29.3	-4.3	54	2	9	24+	1	6	31	0					
CONOWINGO DAM													2.40	-1.58	5	1.24	27
CYLBURN	34.6	21.5	28.0		57	2	7	25+	1	14	31	0					
DAMASCUS *	34.3	20.8	27.6		55	3+	6	25+									
EMMITSBURG 2 SE	34.6	19.9	27.3	-3.7	53	2	4	25+	1	13	31	0	2.72	-0.94	3	1.25	18
MILLERS 4 NE	34.3	20.4	27.3	-3.1	54	2	1	24	2	16	30	0	2.77	-0.87	6	0.86	27
WESTMINSTER POL BR	35.3	20.7	28.0	-3.5	55	2	5	25+	2	12	30	0	1.50	-1.65	4	0.78	27
-DIVISION-			27.9	-3.3									2.33	-1.27			15.6 19.3
-MD: APPALACHIAN -																	
FROSTBURG 2	28.9	14.9	21.9	-2.6	52	1	-1	24+	1	21	29	3	1.44	-2.13	4	0.64	27
SHARPSBURG 5 S	36.0	18.2	27.1		57	2	4	25+	2	13	31	0	1.87		3	1.14	27
WILLIAMSPORT	35.6	16.4	26.0		50	1	2	25+	1	11	31	0	1.33		3	0.84	27
-DIVISION-			25.0	-4.0									1.55	-1.55			14.4 11.7 13
-MD: ALLEGHENY PL-																	
OAKLAND 1 SE	29.8	14.5	22.2	-4.6	56	1	-9	25	2	20	30	1	3.27	-0.24	11	0.80	27
SAVAGE RIVER DAM *	30.6	17.4	24.0	-2.2	44	1	-2	25+									
KITZMILLER 1 W	32.5	17.2	24.9		47	1	-1	25+	0	18	30	2					
-DIVISION-			23.7	-2.1									3.27	-0.28			NM 58.8
-STATE-			32.2	-2.9									2.58	-1.08			13.2
-NJ: NORTHERN-																	
BELVIDERE BRG	32.6	14.0	23.3	-3.4	48	3+	-4	24+	0	18	31	3	2.79	-0.71	6	0.95	27
BOONTON 1 SE	34.1	17.2	25.7	-1.7	52	2	0	25	2	14	31	1	2.58	-1.59	6	0.92	27
BOUND BROOK 2 W	34.7	21.2	28.0		50	3	5	24	1	9	29	0	2.99	-0.69	6	1.14	27
CANOE BROOK	38.8	15.4	27.1	-1.4	54	2	-4	24	3	4	30	1	3.39	-0.74	6	1.28	27
CHARLOTTEBURG RSV*	32.1	15.2	23.7	-2.0	54	2	-6	23									NM

STATION	TEMPERATURE (F)									PRECIPITATION (INCHES)										
	MONTHLY AVERAGES				EXTREMES			NUMBER OF DAYS			MONTHLY TOTALS			EXTREMES		SNOWFALL				
	AVG MAX	AVG MIN	MON AVG	DEPRT AVG	MON MAX	DAY MIN	MON MAX	DAY MIN	MAX 50+	MIN 32-	32- 0-	MON TOT	DEPRT 0.1+	DAYS 0.1+	DLY MAX	DAY MAX	MON TOT	DLY MAX		
CRANFORD	33.5	22.4	27.9	-1.7	48	3+	2	24	0	13	28	0	4.40	0.33	8	1.28	27	38.6	17.5	27
FLEMINGTON 5 NNW *	33.1	16.5	24.8	-2.8	51	2	-3	24+												
HARRISON	35.4	22.1	28.7		51	3	4	25+	2	10	30	0	5.34		7	2.16	27	36.3	17.0	27
NEWARK INTL AP	35.7	23.3	29.5	-1.8	52	2	5	24	2	8	28	0	4.40	0.42	7	1.25	26	37.4	11.0	26
POTTERSVILLE 2 NNW	33.3	19.2	26.2		45	3	3	25	0	14	31	0	3.30	-0.92	7	1.18	27			
SUSSEX 2 NW *	31.3	12.6	21.9	-2.5	52	2	-8	25+												
WAYNE	34.9	18.4	26.7		52	3+	1	23	2	11	30	0	2.92		6	1.04	27	NM		
WERTSVILLE 4 NE *	32.8	18.2	25.5		51	2	-1	25+												
TOCKS ISLAND	33.2	15.4	24.3		51	2	-5	25	2	16	31	3						NM		
-DIVISION-			25.9	-2.2									3.57	-0.45				32.1		
-NJ: SOUTHERN-																				
-NJ: SOUTHERN-																				
ATLANTIC CITY INTL	37.9	21.4	29.7	-2.4	58	1	5	24	3	8	28	0	3.19	-0.41	7	0.94	18	13.4	7.7	8
ESTELL MANOR	38.6	19.0	28.8		56	2	3	25+	4	5	29	0	3.77		8	1.10	18	13.9	5.6	9
HAMMONTON 1 NE	35.4	19.8	27.6	-4.1	57	1	6	25	2	10	30	0	3.67	-0.26	10	1.52	27			
HIGHTSTOWN 2 W *	35.9	17.5	26.7	-3.4	53	2	-1	24												
INDIAN MILLS	35.4	20.9	28.2	-4.1	58	1	4	24	2	11	30	0	3.71	-0.34	6	1.34	27	NM		
MILLVILLE MUNI AP	35.7	17.5	26.6	-6.1	54	2+	3	14	2	11	29	0	3.35	-0.27	7	1.23	18	NM		
MOORESTOWN	36.3	21.1	28.7	-3.6	54	2+	6	24	2	10	30	0	4.64	0.74	8	1.70	27			
NEW BRUNSWICK 3 SE	36.0	17.9	26.9	-2.8	53	2	2	25+	2	9	30	0	3.71	-0.39	5	1.75	27	31.2	16.1	27
SEABROOK FARMS	36.0	22.3	29.1	-3.2	54	2	8	14	2	8	29	0	3.34	-0.62	8	1.13	27	17.5	6.0	27
SOMERDALE 4 SW	33.8	18.4	26.1		54	2	5	24	1	14	31	0	4.10		7	1.89	27			
TOMS RIVER	37.1	19.0	28.0	-3.2	61	2	5	24	3	11	30	0								
TRENTON MERCER CO	35.2	21.3	28.2		53	1	3	24	2	11	29	0	2.62		6	0.85	26	NM		
PHILADELPHIA MT HO	34.7	18.8	26.8		53	2	4	25	1	12	31	0	3.89		7	1.81	27	24.4	11.8	27
WEST DEPTFORD *	36.9	22.2	29.6		55	3+	9	27+												
-DIVISION-			27.9	-4.0									3.64	-0.26				20.1		
-NJ: COASTAL-																				
ATLANTIC CITY	37.1	26.8	32.0	-3.2	50	3	11	25	1	7	26	0	2.87	-0.57	6	1.02	18	NM		
BRANT BEACH HVN *	35.8	24.4	30.1		49	19	9	25+												
CAPE MAY 2 NW	37.9	24.6	31.2	-3.1	52	1	10	24	2	6	27	0	3.16	-0.52	7	1.01	26	9.4	6.1	8
-DIVISION-			31.1	-2.3									3.01	-0.83				9.4		
-STATE-			27.4	-3.2									3.57	-0.37				23.7		

\*= 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 JANUARY 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	1121		2989		0		0					
WILMINGTON NEW CAST	1126	97	2955	1170	0	0	0	0				
WILMINGTON PORTER RS	1145		3016		0		0					
-DE: SOUTHERN-												
DOVER	1044	124	2738	1244	0	0	0	0				
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	1027	119	2773	1229	0	0	0	0				
-MD: CENTRAL EASTERN SHORE-												
-MD: CENTRAL EASTERN SHORE-												
-MD: LOWER SOUTHERN-												
MECHANICSVILLE 5 NE	1057	123	2968	1347	0	0	0	0				
SOLOMONS	973		2511		0		0					
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	1069	69	2851	1080	0	0	0	0				
BELTSVILLE	1069	64	2848	1117	0	0	0	0				
DALECARLIA RSVR	1057	95	2875	1212	0	0	0	0				
BALTIMORE DOWNTOWN	981		2487		0		0					
NATL ARBORETUM DC	1043	66			0	0	0	0				
OXON HILL	1018				0		0					
-MD: NORTHEASTERN SHORE-												
STEVENSVILLE	1014				0		0					
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	1099	126	2906	1269	0	0	0	0				
CYLBURN	1135		3108		0		0					
EMMITSBURG 2 SE	1161	106	3216	1309	0	0	0	0				
MILLERS 4 NE	1162	89	3161	1257	0	0	0	0				
WESTMINSTER POL BRK	1138	99	3133	1311	0	0	0	0				
-MD: APPALACHIAN MOUNTAIN-												
FROSTBURG 2	1329	72	3978	1382	0	0	0	0				
SHARPSBURG 5 S	1167		3298		0		0					
WILLIAMSPORT	1205				0		0					
-MD: ALLEGHENY PLATEAU-												
OAKLAND 1 SE	1320	134	4157	1690	0	0	0	0				
KITZMILLER 1 W	1234		3655		0		0					
-NJ: NORTHERN-												
BELVIDERE BRG	1285	95	3577	1336	0	0	0	0				
BOONTON 1 SE	1210	45			0	0	0	0				
BOUND BROOK 2 W	1143				0		0					
CANOE BROOK	1168	35	3176	1120	0	0	0	0				
CRANFORD	1140	40	3099	1108	0	0	0	0				
HARRISON	1117		2910		0		0					
NEWARK INTL AP	1094	64	2817	1084	0	0	0	0				
POTTERSVILLE 2 NNW	1193		3294		0		0					
WAYNE	1184				0		0					
TOCKS ISLAND	1252		3439		0		0					
-NJ: SOUTHERN-												

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
ATLANTIC CITY INTL	1088	69	2884	1044	0	0	0	0				
ESTELL MANOR	1114		2984		0		0					
HAMMONTON 1 NE	1152	119			0	0	0	0				
INDIAN MILLS	1136	120	3084	1286	0	0	0	0				
MILLVILLE MUNI AP	1181	179	3110	1360	0	0	0	0				
MOORESTOWN	1116	103			0	0	0	0				
NEW BRUNSWICK 3 SE	1172	76			0	0	0	0				
SEABROOK FARMS	1101	85	2799	1058	0	0	0	0				
SOMERDALE 4 SW	1200				0		0					
TOMS RIVER	1137	88			0	0	0	0				
TRENTON MERCER CO A	1134		2959		0		0					
PHILADELPHIA MT HOL	1177		3193		0		0					
-NJ: COASTAL-												
ATLANTIC CITY	1014	90	2613	1112	0	0	0	0				
CAPE MAY 2 NW	1038	84			0	0	0	0				

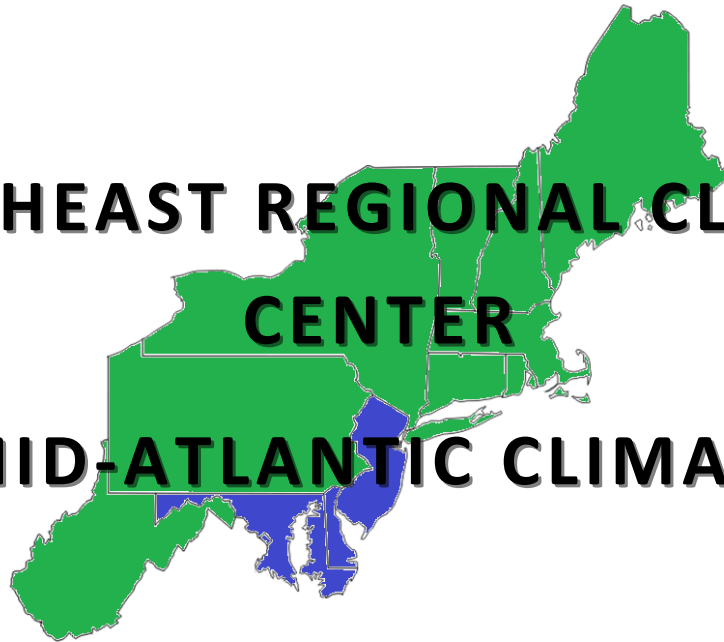
The heating season begins July 1 and ends June 30. The cooling season begins January 1 and ends December 31.  
The growing season begins March 1 and ends October 31. All departures are calculated from the 1971 - 2000 mean.  
These data are considered preliminary, published data from the National Climatic Data Center may differ somewhat from the values shown here.



**NORTHEAST REGIONAL CLIMATE**

**CENTER**

**MID-ATLANTIC CLIMATE**



**Northeast  
Regional  
Climate  
Center**



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