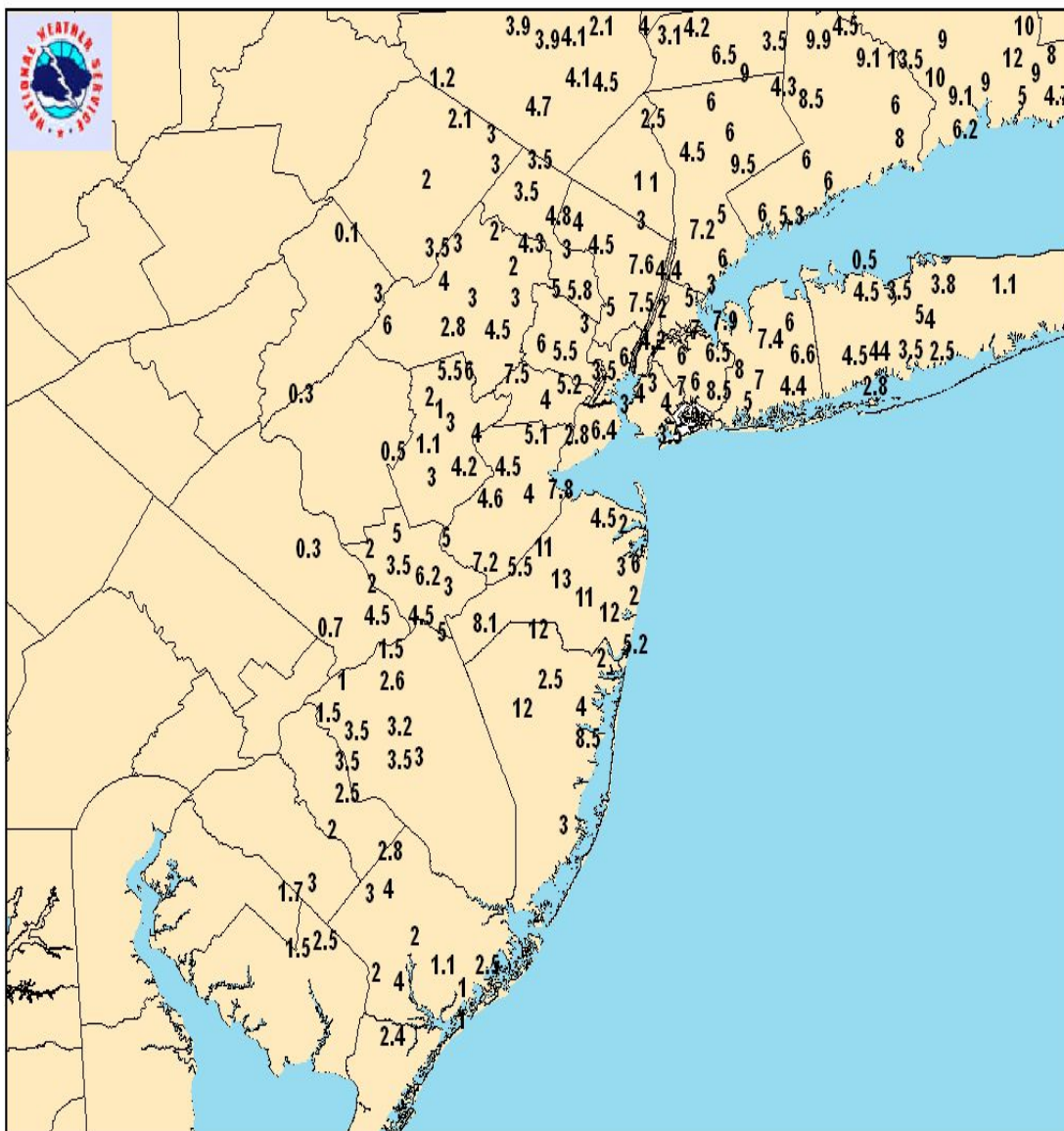


## Storm Total Snowfall - November 7-8 2012



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NOUS41 KPHI 081730

PNSPHI

DEZ001>004-MDZ008-012-015-019-020-NJZ001-007>010-012>027-PAZ054-055-060>062-067>071-090530-

PUBLIC INFORMATION STATEMENT

SPOTTER REPORTS

NATIONAL WEATHER SERVICE MOUNT HOLLY NJ

1230 PM EST THU NOV 08 2012

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS TAKEN DURING THE PAST 25 HOURS FOR THE STORM THAT HAS BEEN AFFECTING OUR REGION. APPRECIATION IS EXTENDED TO HIGHWAY DEPARTMENTS...COOPERATIVE OBSERVERS...SKYWARN SPOTTERS AND MEDIA FOR THESE REPORTS. THIS SUMMARY IS ALSO AVAILABLE ON OUR HOME PAGE AT WEATHER.GOV/PHI

\*\*\*\*\*STORM TOTAL SNOWFALL\*\*\*\*\*

LOCATION	STORM TOTAL	TIME/DATE	COMMENTS
	SNOWFALL	OF	
	/INCHES/	MEASUREMENT	

DELAWARE

...NEW CASTLE COUNTY...

BEAR	T	100 AM 11/08	TRAINED SPOTTER
WILMINGTON AIRPORT	T	100 AM 11/08	ASOS

NEW JERSEY

...ATLANTIC COUNTY...

ESTELL MANOR	4.0	706 AM 11/08	TRAINED SPOTTER
PLEASANTVILLE	2.5	100 AM 11/08	TRAINED SPOTTER
ATLANTIC CITY AIRPOR	2.5	100 AM 11/08	ASOS
MAYS LANDING	2.0	530 PM 11/07	PUBLIC
LINWOOD	1.0	700 PM 11/07	PUBLIC

...BURLINGTON COUNTY...

CROSSWICKS	4.5	1042 PM 11/07	TRAINED SPOTTER
MARLTON	3.5	1000 PM 11/07	PUBLIC
SOUTHAMPTON TWP	3.2	1050 PM 11/07	TRAINED SPOTTER
TABERNAACLE	3.0	945 PM 11/07	TRAINED SPOTTER
MOUNT HOLLY WFO	2.6	100 AM 11/08	NWS OFFICE
FLORENCE	2.5	1100 PM 11/07	TRAINED SPOTTER
MOUNT LAUREL	2.3	943 PM 11/07	NWS EMPLOYEE
DELTRAN TWP	1.0	1200 AM 11/08	NWS EMPLOYEE

...CAMDEN COUNTY...

VOORHEES	3.5	106 AM 11/08	TRAINED SPOTTER
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...CUMBERLAND COUNTY...

SOUTH VINELAND	2.5	500 PM 11/07	PUBLIC
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...GLOUCESTER COUNTY...

MALAGA	3.0	501 PM 11/07	TRAINED SPOTTER
WILLIAMSTOWN	2.0	530 PM 11/07	PUBLIC

NATIONAL PARK	T	100	AM	11/08	TRAINED SPOTTER
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...HUNTERDON COUNTY...

ANNANDALE	T	815	PM	11/07	TRAINED SPOTTER
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...MERCER COUNTY...

HIGHTSTOWN	7.2	825	AM	11/08	CO-OP OBSERVER
MERCERVILLE	6.2	600	AM	11/08	PUBLIC
HOPEWELL	5.0	230	AM	11/08	TRAINED SPOTTER
PRINCETON JUNCTION	5.0	700	AM	11/08	PUBLIC
EWING	3.5	430	AM	11/08	TRAINED SPOTTER
ROBBINSVILLE	3.0	1217	AM	11/08	TRAINED SPOTTER
WASHINGTON CROSSING	2.0	750	AM	11/08	CO-OP OBSERVER
YARDVILLE	1.5	934	PM	11/07	TRAINED SPOTTER

...MIDDLESEX COUNTY...

CHEESEQUAKE	7.8	131	AM	11/08	TRAINED SPOTTER
CARTERET	5.5	130	AM	11/08	PUBLIC
METUCHEN	5.1	110	AM	11/08	TRAINED SPOTTER
EAST BRUNSWICK	4.5	628	AM	11/08	TRAINED SPOTTER
OLD BRIDGE	4.0	229	AM	11/08	TRAINED SPOTTER

...MONMOUTH COUNTY...

FREEHOLD	13.0	330	AM	11/08	PUBLIC
ALLAIRE	12.0	600	AM	11/08	PUBLIC
HOWELL TWP	11.0	917	AM	11/08	PUBLIC
CREAM RIDGE	8.1	638	AM	11/08	CO-OP OBSERVER
OAKHURST	6.0	555	AM	11/08	TRAINED SPOTTER
WALL TWP	5.5	730	PM	11/07	PUBLIC
MANALAPAN	5.5	1056	PM	11/07	TRAINED SPOTTER
WAYSIDE	3.0	711	PM	11/07	PUBLIC
RED BANK	2.0	740	PM	11/07	PUBLIC
NEPTUNE CITY	2.0	615	PM	11/07	PUBLIC

...MORRIS COUNTY...

WASHIGNTON TWP	6.0	1206	AM	11/08	COCORAHS
BUTLER	4.5	1020	PM	11/07	TRAINED SPOTTER
LAKE HOPATCONG	3.5	643	AM	11/08	TRAINED SPOTTER
ROCKAWAY	3.0	1220	AM	11/08	TRAINED SPOTTER
JEFFERSON TWP	3.0	610	PM	11/07	PUBLIC
BOONTON	3.0	750	AM	11/08	CO-OP OBSERVER
GREEN POND	2.5	550	PM	11/07	PUBLIC
MARCELLA	2.0	1115	PM	11/07	TRAINED SPOTTER

...OCEAN COUNTY...

JACKSON TWP	12.0	500	AM	11/08	PUBLIC
MANCHESTER TWP	12.0	100	AM	11/08	TRAINED SPOTTER
BEACHWOOD	8.5	917	AM	11/08	CO-OP OBSERVER

BRICK TWP	7.0	600	AM	11/08	PUBLIC
BAYVILLE	6.2	651	AM	11/08	TRAINED SPOTTER
TOMS RIVER	4.0	715	PM	11/07	PUBLIC
MANAHAWKIN	3.0	530	AM	11/08	PUBLIC
LAKEHURST	2.5	530	PM	11/07	PUBLIC
BRICKTOWN	2.0	530	PM	11/07	PUBLIC

...PASSAIC COUNTY...

WANAQUE	1.5	844	AM	11/08	CO-OP OBSERVER
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...SALEM COUNTY...

PITTSGROVE TWP	1.7	700	AM	11/08	TRAINED SPOTTER
NORMA	1.5	507	PM	11/07	PUBLIC

...SOMERSET COUNTY...

HILLSBOROUGH	5.3	1030	PM	11/07	PUBLIC
WARREN TWP	3.8	855	PM	11/07	PUBLIC
SOMERVILLE	3.0	1100	PM	11/07	TRAINED SPOTTER
BASKING RIDGE	2.0	600	PM	11/07	PUBLIC
BRIDGEWATER TWP	1.0	1030	PM	11/07	TRAINED SPOTTER

...SUSSEX COUNTY...

VERNON	3.0	730	PM	11/07	PUBLIC
HIGHLAND LAKES	3.0	600	PM	11/07	PUBLIC
LAFAYETTE	2.0	754	AM	11/08	TRAINED SPOTTER
HIGH POINT	1.2	724	PM	11/07	TRAINED SPOTTER

...WARREN COUNTY...

HACKETTSTOWN	3.0	1152	PM	11/07	TRAINED SPOTTER
BLAIRSTOWN	0.1	941	PM	11/07	TRAINED SPOTTER

PENNSYLVANIA

...BUCKS COUNTY...

MORRISVILLE	4.5	649	AM	11/08	TRAINED SPOTTER
LOWER MAKEFIELD TWP	2.0	750	PM	11/07	PUBLIC
FURLONG	0.3	1231	AM	11/08	TRAINED SPOTTER

...LEHIGH COUNTY...

ALLENTOWN AIRPORT	T	100	AM	11/08	ASOS
ALLENTOWN	T	100	AM	11/08	TRAINED SPOTTER

...PHILADELPHIA COUNTY...

SOMERTON	0.7	201	AM	11/08	TRAINED SPOTTER
PHILADELPHIA INTL AI	T	100	AM	11/08	ASOS

\*\*\*\*\*24 HOUR SNOWFALL\*\*\*\*\*

LOCATION	24 HOUR	TIME/DATE	COMMENTS
	SNOWFALL	OF	
	/INCHES/	MEASUREMENT	

NEW JERSEY

...ATLANTIC COUNTY...

3 SE FOLSOM	4.0	600 AM 11/08	COCORAHS
3 NNE BUENA VISTA TW	3.0	600 AM 11/08	COCORAHS
3 WSW HAMMONTON	2.8	700 AM 11/08	COCORAHS
5 NE ESTELL MANOR	2.1	530 AM 11/08	COCORAHS
4 WNW ESTELL MANOR	2.0	600 AM 11/08	COCORAHS
1 NW EGG HARBOR TWP	1.1	600 AM 11/08	COCORAHS
1 SSW LINWOOD	1.0	730 AM 11/08	COCORAHS

...BURLINGTON COUNTY...

ESE CHESTERFIELD TWP	5.0	530 AM 11/08	COCORAHS
5 WNW TABERNACLE TWP	3.5	630 AM 11/08	COCORAHS
3 ENE MOUNT LAUREL T	2.6	600 AM 11/08	COCORAHS
2 E BURLINGTON	1.5	700 AM 11/08	COCORAHS
1 SE MOORESTOWN TWP	1.5	729 AM 11/08	COCORAHS

...CAMDEN COUNTY...

2 SW BERLIN	2.5	500 AM 11/08	COCORAHS
4 W WINSLOW TWP	0.9	600 AM 11/08	COCORAHS

...CAPE MAY COUNTY...

1 NNW WOODBINE	2.4	430 AM 11/08	COCORAHS
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...HUNTERDON COUNTY...

2 E FLEMINGTON	0.5	700 AM 11/08	COCORAHS
3 NNE HOLLAND TWP	0.3	600 AM 11/08	COCORAHS

...MERCER COUNTY...

2 WSW WASHINGTON TWP	7.1	545 AM 11/08	COCORAHS
1 NNW LAWRENCE TWP	5.9	430 AM 11/08	COCORAHS
1 ENE PENNINGTON	5.0	700 AM 11/08	COCORAHS
1 NNE EWING TWP	3.5	545 AM 11/08	COCORAHS

...MIDDLESEX COUNTY...

1 ESE WOODBRIDGE TWP	5.5	600 AM 11/08	COCORAHS
2 W NORTH BRUNSWICK	4.6	600 AM 11/08	COCORAHS
3 NNE EAST BRUNSWICK	4.5	600 AM 11/08	COCORAHS

...MONMOUTH COUNTY...

2 NNE MANALAPAN TWP	11.0	800 AM 11/08	COCORAHS
1 NW RED BANK	4.5	600 AM 11/08	COCORAHS

1	N BRADLEY BEACH	4.2	600 AM	11/08	COCORAHS
1	W LONG BRANCH	3.0	630 AM	11/08	COCORAHS

...MORRIS COUNTY...

WNW	FLORHAM PARK	4.5	700 AM	11/08	COCORAHS
1	ESE ROXBURY TWP	4.0	600 AM	11/08	COCORAHS
2	E RANDOLPH TWP	3.0	700 AM	11/08	COCORAHS
1	W RANDOLPH TWP	2.8	500 AM	11/08	COCORAHS
NNW	ROCKAWAY	2.5	700 AM	11/08	COCORAHS
2	E PARSIPPANY-TROY	2.0	700 AM	11/08	COCORAHS
2	SSE BOONTON TWP	2.0	600 AM	11/08	COCORAHS

...OCEAN COUNTY...

1	SW POINT PLEASANT	5.2	600 AM	11/08	COCORAHS
	NW PINE BEACH	2.5	700 AM	11/08	COCORAHS

...SOMERSET COUNTY...

2	SSE WARREN TWP	7.5	700 AM	11/08	COCORAHS
1	ENE BERNARDS TWP	6.0	600 AM	11/08	COCORAHS
1	NNW BERNARDS TWP	5.5	700 AM	11/08	COCORAHS
3	NE MONTGOMERY TWP	4.5	715 AM	11/08	COCORAHS
5	ESE HILLSBOROUGH T	4.2	600 AM	11/08	COCORAHS
5	NNW FRANKLIN TWP	4.0	600 AM	11/08	COCORAHS
	ENE SOMERVILLE	3.0	700 AM	11/08	COCORAHS
2	NNE MONTGOMERY TWP	3.0	700 AM	11/08	COCORAHS
3	NW BRIDGEWATER TWP	2.0	600 AM	11/08	COCORAHS
1	N HILLSBOROUGH TWP	1.4	800 AM	11/08	COCORAHS
2	NW HILLSBOROUGH TW	1.1	600 AM	11/08	COCORAHS

...SUSSEX COUNTY...

2	SE WANTAGE TWP	2.1	600 AM	11/08	COCORAHS
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...WARREN COUNTY...

1	W HACKETTSTOWN	3.0	600 AM	11/08	COCORAHS
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\*\*\*\*\*SNOW ON GROUND\*\*\*\*\*

LOCATION	SNOW	TIME/DATE	COMMENTS
	ON GROUND		OF
	/INCHES/	MEASUREMENT	

NEW JERSEY

...ATLANTIC COUNTY...

3	SE FOLSOM	4.0	600 AM	11/08	COCORAHS
5	NE ESTELL MANOR	2.1	530 AM	11/08	COCORAHS
4	WNW ESTELL MANOR	2.0	600 AM	11/08	COCORAHS

1 NW EGG HARBOR TWP	1.1	600 AM	11/08	COCORAHS
1 SSW LINWOOD	1.0	730 AM	11/08	COCORAHS

...BURLINGTON COUNTY...

ESE CHESTERFIELD TWP	5.0	530 AM	11/08	COCORAHS
NE PEMBERTON	4.0	600 AM	11/08	COCORAHS
5 WNW TABERNACLE TWP	3.5	630 AM	11/08	COCORAHS
1 S PEMBERTON	3.5	600 AM	11/08	COCORAHS
3 ENE MOUNT LAUREL T	2.0	600 AM	11/08	COCORAHS
2 E BURLINGTON	1.5	700 AM	11/08	COCORAHS

...CAMDEN COUNTY...

4 W WINSLOW TWP	1.0	600 AM	11/08	COCORAHS
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...CAPE MAY COUNTY...

1 NNW WOODBINE	2.4	430 AM	11/08	COCORAHS
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...CUMBERLAND COUNTY...

3 WSW VINELAND	2.0	600 AM	11/08	COCORAHS
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...HUNTERDON COUNTY...

3 NNE HOLLAND TWP	0.5	600 AM	11/08	COCORAHS
2 E FLEMINGTON	0.5	700 AM	11/08	COCORAHS

...MERCER COUNTY...

2 WSW WASHINGTON TWP	7.0	545 AM	11/08	COCORAHS
1 NNW LAWRENCE TWP	5.0	430 AM	11/08	COCORAHS
1 ENE PENNINGTON	5.0	700 AM	11/08	COCORAHS
2 SSW LAWRENCE TWP	0.6	600 AM	11/08	COCORAHS

...MIDDLESEX COUNTY...

1 ESE WOODBRIDGE TWP	5.5	600 AM	11/08	COCORAHS
3 NNE EAST BRUNSWICK	4.5	600 AM	11/08	COCORAHS
2 W NORTH BRUNSWICK	2.5	600 AM	11/08	COCORAHS
2 N EDISON TWP	1.0	600 AM	11/08	COCORAHS

...MONMOUTH COUNTY...

1 NW RED BANK	4.5	600 AM	11/08	COCORAHS
1 W LONG BRANCH	3.0	630 AM	11/08	COCORAHS

...MORRIS COUNTY...

WNW FLORHAM PARK	4.5	700 AM	11/08	COCORAHS
1 ESE ROXBURY TWP	4.0	600 AM	11/08	COCORAHS
2 E RANDOLPH TWP	3.0	700 AM	11/08	COCORAHS
1 W RANDOLPH TWP	2.8	500 AM	11/08	COCORAHS
1 NW MORRIS TWP	2.5	700 AM	11/08	COCORAHS
2 SSE BOONTON TWP	2.0	600 AM	11/08	COCORAHS
2 E PARSIPPANY-TROY	2.0	700 AM	11/08	COCORAHS

NNW ROCKAWAY	1.0	700	AM	11/08	COCORAHS
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...SOMERSET COUNTY...

2 SSE WARREN TWP	7.5	700	AM	11/08	COCORAHS
1 ENE BERNARDS TWP	6.0	600	AM	11/08	COCORAHS
1 NNW BERNARDS TWP	5.5	700	AM	11/08	COCORAHS
5 NNW FRANKLIN TWP	4.0	600	AM	11/08	COCORAHS
5 ESE HILLSBOROUGH T	3.0	600	AM	11/08	COCORAHS
ENE SOMERVILLE	2.5	700	AM	11/08	COCORAHS
1 N HILLSBOROUGH TWP	1.4	800	AM	11/08	COCORAHS
3 NW BRIDGEWATER TWP	1.0	600	AM	11/08	COCORAHS

...SUSSEX COUNTY...

2 SE WANTAGE TWP	2.1	600	AM	11/08	COCORAHS
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...WARREN COUNTY...

1 W HACKETTSTOWN	2.5	600	AM	11/08	COCORAHS
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## WINTER STORM SUMMARY FOR

### NOVEMBER 07, 2012 TO NOVEMBER 8, 2012 EVENT

#### Synopsis

An early season Nor'easter delivered snow, rain, and gusty winds to the Mid Atlantic region from Wednesday November 7 through the early morning of Thursday November 8, 2012. This storm affected the region only a week after the historic Post Tropical Cyclone Sandy brought significant storm surge to coastal New Jersey along with high winds and heavy rain from the coast inland to Eastern Pennsylvania and southward through the Delmarva. The Nor'easter affected many of the same areas near the Mid Atlantic to Northeast Coast. Low pressure initially organized over the Southeastern States and emerged off of the Carolina coast late Tuesday November 6. This area of low pressure then intensified and tracked northeast near the coast through the morning of November 7. By afternoon, the center of the strong low pressure was a couple hundred miles off of the New Jersey coast. Many locations from the New Jersey coast westward to the Delaware Valley initially reported rain for a few hours from late morning through early afternoon, but as temperatures fell later in the day and into the evening, rain mixed with or changed over to snow across much of New Jersey. In addition, a few bands of heavy snow developed in eastern to central New Jersey with significant accumulations during the late evening of the 7th to early morning of the 8th. As the center of low pressure slowly pushed northeast and away from the New Jersey coast, precipitation gradually ended from southwest to northeast across the region before daybreak on Thursday November 8.

#### Watches/Warnings/Advisories



A Winter Weather Advisory was issued at 410 pm November 6 for the following areas: New Castle in Delaware; Cecil and Kent in Maryland; Sussex, Warren, Morris, Hunterdon, Somerset, Middlesex, Western Monmouth, Mercer, Salem, Gloucester, Camden, and Northwestern Burlington in New Jersey; Carbon, Monroe, Berks, Lehigh, Northampton, Chester, Montgomery, Bucks, Delaware, and Philadelphia in Pennsylvania. A Winter Storm Warning was issued at 340 am November 7 for the following areas: New Castle in Delaware; Salem, Gloucester, Camden, and Northwestern Burlington in New Jersey; Delaware and Philadelphia in Pennsylvania. Also at 340 am November 7, a Winter Weather Advisory was issued for the following areas: Ocean, Cumberland, Atlantic, and Southeastern Burlington in New Jersey. At 335 pm November 7 the Winter Storm Warning was downgraded to a Winter Weather Advisory for the following areas: New Castle in Delaware; Salem, Gloucester, Camden, and Northwestern Burlington in New Jersey; Delaware and Philadelphia in Pennsylvania. Also at 335 pm November 7, a Winter Weather Advisory was issued for Cape May in New Jersey, and the Winter Weather Advisory for Carbon and Monroe in Pennsylvania was cancelled. At 704 pm November 7, the Winter Weather Advisory was cancelled for the following areas: Cecil and Kent in Maryland; Berks, Lehigh, and Northampton in Pennsylvania. Also at 704 pm November 7 a Winter Weather Advisory was issued for the following areas: Eastern Monmouth, Coastal Atlantic, and Coastal Ocean in New Jersey. At 832 pm November 7, the Winter Weather Advisory was upgraded to a Winter Storm Warning for the following areas in New Jersey: Middlesex, Western Monmouth, Eastern Monmouth, Ocean, and Coastal Ocean. As low pressure slowly moved away from the coast and accumulating snow gradually ended from southwest to northeast across the region, all Winter Weather Advisories and Winter Storm Warnings were cancelled during the early morning of November 8.

### **Precipitation/Temperatures/Winds**

Precipitation initially fell as rain across southern New Jersey, the northern Delmarva, and the lower Delaware Valley as low pressure advanced north off of the Mid Atlantic coast during the morning of November 7, with temperatures holding in the lower 40s through the first part of the day. By afternoon, temperatures were slowly falling into the 30s, with areas across southern New Jersey in Atlantic, Cumberland, and Salem counties reporting rain mixing with or changing to snow. Accumulations ranging from 1 to 4 inches were noted in these areas. Rain also mixed with or changed over to snow for a time farther west and south, with a trace of snow reported at the Allentown, Philadelphia, and Wilmington airports. By the night of the 7th, a few heavier bands of snow developed across eastern to central sections of New Jersey as low pressure continued to slowly spin off of the coast. Over the course of a few hours from the late evening of the 7th into the early morning of the 8th, these heavy bands dumped localized amounts of 6 to 12 inches of snow extending from parts of Mercer and Middlesex counties into eastern sections of Monmouth and Ocean counties. Elsewhere with light to occasional moderate snow reported through the night of the 7th, locations from Sussex and Morris counties in northwest New Jersey to Burlington, Camden, and Gloucester counties in southern New Jersey reported a general 2 to 4 inches accumulation. Snowfall amounts in the 2 to 4 inch range were also recorded in lower Bucks county Pennsylvania. As temperatures held in the 30s through the duration of the event, a heavy, wet snow fell. Where the higher snowfall accumulations of 6 to 12 inches occurred, power outages and numerous downed trees resulted. Winds throughout the event were generally out of a north to northeasterly direction ranging between 15 to 25 mph, with some gusts around 35 mph.

### **Significant Impacts/Aspects**

Impacts from this early November Nor'easter were notable and hampered recovery efforts from Post Tropical Cyclone Sandy, which had just swept through the Mid Atlantic region during the last week of October from the 28th through the 30th. Hardest hit were portions of Monmouth, Ocean, Middlesex, and Mercer counties where localized accumulations of 6 to 12 inches of heavy, wet snow resulted in numerous downed trees and power lines. Over 100,000 new power outages resulted. In some locations, electricity had just recently been restored only a day or two earlier from previous outages caused by Post Tropical Cyclone Sandy. Meanwhile, other communities in these counties had yet to have power restored from outages caused by Sandy, leaving residents without electricity or heat during the November Nor'easter. For many communities in eastern Monmouth and Ocean counties, which sustained considerable damage from Sandy, the heavy, wet snow accumulated on piles of debris yet to be cleared away. Downed trees and power lines resulted in road closures and detours in Monmouth and Ocean counties, with only essential personnel driving being permitted in Jackson Township the day following the Nor'easter. Air travel across the Mid Atlantic region was also affected by this early season Nor'easter, with dozens of flights being cancelled or delayed at the Philadelphia International Airport and other major airports in the New York vicinity.

### **Notes**

Information contained in this summary is preliminary. More complete and/or detailed information may be contained in subsequent monthly NOAA storm data publications.