

**WINTER STORM SUMMARY FOR
FEBRUARY 05, 2010 TO FEBRUARY 6, 2010 EVENT**

Synopsis

The Middle Atlantic area was impacted by a strong Nor'easter from Friday evening February 5th through Saturday February 6th. A low pressure system organized along the Gulf Coast and tracked northeastward through the Southeastern States. By Saturday morning February 6th, the center of this low was located near the North Carolina coast. This system continued to strengthen as it moved east-northeast near the Mid Atlantic coast. With plenty of cold air across the region, snow began falling late Friday afternoon and evening through the Delmarva Peninsula. By late Friday night, snow had overspread much of southeastern Pennsylvania and southern New Jersey. As the low pressure system intensified, heavier bands of snow pushed through much of the region during the overnight hours and into Saturday, and these bands produced significant snow accumulations. Farther north, snow accumulations were not as high across the Lehigh Valley of northeast Pennsylvania and northern parts of New Jersey.

Watches/Warnings/Advisories

A Winter Storm Watch was issued at 323 am Thursday February 4th for the following areas: New Castle, Kent, and Sussex in Delaware; Cecil, Kent, Queen Annes, Talbot, and Caroline in Maryland; Hunterdon, Somerset, Middlesex, Western Monmouth, Eastern Monmouth, Mercer, Salem, Gloucester, Camden, Northwestern Burlington, Ocean, Cumberland, Atlantic, Cape May, and Southeastern Burlington in New Jersey; Berks, Lehigh, Chester, Montgomery, Bucks, Delaware, and Philadelphia in Pennsylvania. At 143 pm Thursday February 4th, a Blizzard Warning was issued for the following areas: Kent and Sussex in Delaware; Ocean, Cumberland, Atlantic, Cape May, and Southeastern Burlington in New Jersey. A Winter Storm Warning was issued at 143 pm Thursday February 4th for the following areas: Hunterdon, Somerset, Middlesex, Western Monmouth, Eastern Monmouth, Mercer, Salem, Gloucester, Camden, Northwestern Burlington, Warren, and Morris in New Jersey; Berks, Lehigh, Chester, Montgomery, Bucks, Delaware, Philadelphia, and Northampton in Pennsylvania; Cecil, Kent, Queen Annes, Talbot, and Caroline in Maryland; New Castle in Delaware. At 400 pm Friday February 5th, a Winter Weather Advisory was issued for the following areas: Sussex in New Jersey; Carbon and Monroe in Pennsylvania. At 1010 pm Friday February 5th, the Winter Storm Warning was upgraded to a Blizzard Warning for the following areas: Kent, Queen Annes, Talbot, and Caroline in Maryland. At 558 am Saturday February 6th, the Winter Storm Warning was downgraded to a Winter Weather Advisory for the following areas: Warren and Morris in New Jersey.

Precipitation/Temperatures/Winds

Significant snow accumulations were measured across the Delmarva, southern New Jersey, and southeastern Pennsylvania from this storm. Philadelphia recorded its second highest snowfall for any single event with 28.5 inches at the Philadelphia International Airport. This surpassed the previous second highest snowfall of 23.2 inches measured earlier this winter season during the December 19-20, 2009 storm. Wilmington, DE recorded its highest snowfall ever for any single event with 25.8 inches. Elsewhere, Atlantic City, NJ came in with 18.2 inches making this its third highest snowfall for any single event.

Strong, gusty winds were also recorded with this storm system. Some of the higher wind gusts included 61 mph measured at Lewes, DE; 60 mph at Georgetown, DE; and 51 mph at Tuckerton, NJ. Wind gusts of 40 mph or greater were also recorded at Philadelphia, Dover, Wilmington, and Atlantic City. As a result,

considerable blowing and drifting of snow with reduced visibilities occurred throughout the region. Temperatures remained in the 20s for most areas during the storm, yielding a light, fluffy snow.

Significant Impacts/Aspects

With the heavy snow bands that developed across the region Friday night into Saturday, snowfall rates of 1 to 2 inches per hour extended from portions of the Delmarva into southern New Jersey and southeastern Pennsylvania. The Philadelphia International Airport was shut down for a time during Saturday February 6th because plow trucks could not keep the runways clear due to the heavy snow and strong winds. Elsewhere, snow covered trees and power lines along with gusty winds created numerous power outages across southern New Jersey, especially in Cape May county. Even though the snow ended by Saturday afternoon and evening across the region, Philadelphia area schools were closed on Monday, February 8th because additional time was needed to clear roadways and sidewalks.

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 PAZ054-055-060>062-067>071-071700-

PUBLIC INFORMATION STATEMENT
 SPOTTER REPORTS
 NATIONAL WEATHER SERVICE MOUNT HOLLY NJ
 255 PM EST SUN FEB 7 2010

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS TAKEN DURING THE STORM THAT HAS BEEN AFFECTING OUR REGION. APPRECIATION IS EXTENDED TO COOPERATIVE OBSERVERS AND SKYWARN SPOTTERS. 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

...KENT COUNTY...

HOUSTON	23.0	700 PM	2/6	
DOVER	22.0	800 PM	2/6	
MAGNOLIA	22.0	700 PM	2/6	
WOODSIDE	20.5	300 PM	2/6	
DOVER	19.2	700 PM	2/6	DEOS/DELDOT
VIOLA	18.5	700 PM	2/6	DEOS/DELDOT
HARRINGTON	17.7	700 PM	2/6	DEOS/DELDOT

...NEW CASTLE COUNTY...

WILMINGTON	26.5	130	PM	2/6	
BEAR	25.8	700	PM	2/6	
WILMINGTON	25.8	700	PM	2/6	COUNTY AIRPORT
CLAYMONT	25.2	300	PM	2/6	
NEWARK	24.3	139	PM	2/6	
NEW CASTLE	20.0	700	PM	2/6	
BLACKBIRD	19.0	700	PM	2/6	DEOS/DELDOT
HOCKESSIN	17.5	700	PM	2/6	DEOS/DELDOT
GREENVILLE	16.1	700	PM	2/6	DEOS/DELDOT
GLASGOW	15.0	700	PM	2/6	DEOS/DELDOT

...SUSSEX COUNTY...

BRIDGEVILLE	25.0	130	PM	2/6	
LAUREL	22.0	700	PM	2/6	
MILTON	22.0	317	PM	2/6	
LEWES	20.6	550	PM	2/6	
STOCKLEY	17.4	700	PM	2/6	DEOS/DELDOT
LAUREL	16.4	700	PM	2/6	DEOS/DELDOT
DELMAR	15.6	800	PM	2/6	
SELBYVILLE	15.6	700	PM	2/6	DEOS/DELDOT
ELLENDALE	14.8	700	PM	2/6	DEOS/DELDOT
BRIDGEVILLE	10.8	700	PM	2/6	DEOS/DELDOT

MARYLAND

...CAROLINE COUNTY...

DENTON	23.0	300	PM	2/6	
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...CECIL COUNTY...

PORT HERMAN	27.0	640	PM	2/6	
ELKTON	21.0	330	PM	2/6	
NORTHEAST	20.0	440	PM	2/6	
COLORA	19.8	130	PM	2/6	
FAIR HILL	18.0	230	PM	2/6	

...KENT COUNTY...

GALENA	30.0	640	PM	2/6	
MILLINGTON	30.0	640	PM	2/6	
CHESTERTOWN	24.0	640	PM	2/6	
ROCK HALL	17.0	300	PM	2/6	

...QUEEN ANNE`S COUNTY...

CHESTER	28.0	620	PM	2/6	
STEVENSVILLE	28.0	445	PM	2/6	
GRASONVILLE	22.0	620	PM	2/6	
CENTREVILLE	17.0	330	PM	2/6	

...TALBOT COUNTY...

ROYAL OAK	29.5	341 PM	2/6
SAINT MICHAELS	24.0	710 PM	2/6
TILGHMAN ISLAND	24.0	710 PM	2/6
EASTON	23.5	710 PM	2/6
TRAPPE	23.0	710 PM	2/6
QUEEN ANNE	22.5	710 PM	2/6

NEW JERSEY

...ATLANTIC COUNTY...

ESTELL MANOR	24.0	505 PM	2/6
EGG HARBOR CITY	22.0	600 PM	2/6
FOLSOM	21.5	735 PM	2/6
HAMMONTON	21.0	520 PM	2/6
ATLANTIC CITY	19.3	400 PM	2/6
ATLANTIC CITY	18.2	700 PM	2/6 INTL AIRPORT
PLEASANTVILLE	18.2	700 PM	2/6
EGG HARBOR TWP	18.0	600 PM	2/6
MCKEE CITY	18.0	725 PM	2/6
NORTHFIELD	17.0	725 PM	2/6
SOMERS POINT	16.4	725 PM	2/6
MILMAY	16.0	400 PM	2/6
ABSECON	15.6	400 PM	2/6
MARGATE	15.2	725 PM	2/6

...BURLINGTON COUNTY...

PALMYRA	21.0	345 PM	2/6
WILLINGBORO	21.0	630 PM	2/6
DELTRAN	20.5	345 PM	2/6
MOORESTOWN	20.0	600 PM	2/6
TABERNACLE	19.6	520 PM	2/6
MOUNT HOLLY NWS	19.4	100 PM	2/6
MAPLE SHADE	19.0	400 PM	2/6
MOUNT LAUREL	19.0	345 PM	2/6
SHAMONG	18.0	330 PM	2/6
SOUTHAMPTON	17.5	400 PM	2/6
WESTAMPTON	17.0	300 PM	2/6
EASTAMPTON	14.5	149 PM	2/6
CHESTERFIELD	14.0	600 PM	2/6
CROSSWICKS	13.0	240 PM	2/6
COLUMBUS	12.9	300 PM	2/6

...CAMDEN COUNTY...

CHERRY HILL	27.3	150 PM	2/6
WATERFORD	27.0	625 PM	2/6
PENNSAUKEN	25.5	108 PM	2/6
VOORHEES	25.0	345 PM	2/6
ERIAL	23.0	625 PM	2/6

HADDON HEIGHTS	23.0	625	PM	2/6
HINELLA	23.0	625	PM	2/6
BLACKWOOD	22.0	420	PM	2/6
CHERRY HILL	21.0	115	PM	2/6
PINE HILL	21.0	625	PM	2/6
MERCHANTVILLE	20.0	350	PM	2/6
PENNSAUKEN	20.0	625	PM	2/6
SICKLERVILLE	20.0	400	PM	2/6
SOMERDALE	20.0	341	PM	2/6
BLUE ANCHOR	18.0	115	PM	2/6
LINDENWOLD	17.2	535	PM	2/6
GLOUCESTER CITY	15.0	115	PM	2/6

...CAPE MAY COUNTY...

WEST CAPE MAY	21.8	715	PM	2/6
SWAINTON	21.0	600	PM	2/6
GREEN CREEK	20.5	900	PM	2/6
MIDDLE TOWNSHIP	20.5	900	PM	2/6
WOODBINE	20.5	400	PM	2/6
NORTH CAPE MAY	17.0	645	PM	2/6
SEAVILLE	16.5	400	PM	2/6
ERMA	16.2	700	PM	2/6
BEESELEYS POINT	15.0	400	PM	2/6
WILDWOOD CREST	13.5	400	PM	2/6
NORTHERN VILLAS	11.0	400	PM	2/6

...CUMBERLAND COUNTY...

VINELAND	24.2	815	PM	2/6
MILLVILLE	22.0	500	PM	2/6
CEDARVILLE	21.0	610	PM	2/6
NEWPORT	20.0	615	PM	2/6

...GLOUCESTER COUNTY...

NATIONAL PARK	28.5	700	PM	2/6
SEWELL	28.2	600	PM	2/6
SWEDESBORO	27.0	600	PM	2/6
MALAGA	25.4	605	PM	2/6
GLASSBORO	23.5	330	PM	2/6
MANTUA	20.5	230	PM	2/6

...HUNTERDON COUNTY...

FLEMINGTON	8.3	145	PM	2/6
KINGWOOD	7.0	655	PM	2/6

...MERCER COUNTY...

HAMILTON	12.0	1200	PM	2/6
ROBBINSVILLE	11.5	140	PM	2/6
HOPEWELL	10.5	435	PM	2/6

EWING	10.4	100	PM	2/6
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...MIDDLESEX COUNTY...

SOUTH OLD BRIDGE	8.7	1200	PM	2/6
OLD BRIDGE	8.4	310	PM	2/6
CHEESEQUAKE	8.2	200	PM	2/6
EAST BRUNSWICK	8.2	310	PM	2/6
SOUTH BRUNSWICK	8.0	310	PM	2/6
MADISON PARK	7.8	310	PM	2/6
NORTH BRUNSWICK	7.0	1215	PM	2/6
SAYREVILLE	6.5	1200	PM	2/6
METUCHEN	5.2	215	PM	2/6
HIGHLAND PARK	5.0	1200	PM	2/6
SOUTH PLAINFIELD	4.0	1200	PM	2/6
WOODBIDGE	3.0	600	PM	2/6

...MONMOUTH COUNTY...

FREEHOLD	15.9	1230	PM	2/6
COLTS NECK	15.0	315	PM	2/6
HOWELL	15.0	400	PM	2/6
CREAM RIDGE	13.2	430	PM	2/6
ENGLISHTOWN	12.0	310	PM	2/6
MANALAPAN	12.0	310	PM	2/6
OCEAN TWP	11.5	315	PM	2/6
HOLMDEL	10.0	600	PM	2/6
MORGANVILLE	9.5	310	PM	2/6
ABERDEEN	9.0	1200	PM	2/6

...OCEAN COUNTY...

BEACHWOOD	19.0	455	PM	2/6
BRICK	19.0	430	PM	2/6
WHITING	17.5	415	PM	2/6
BAYVILLE	16.6	430	PM	2/6
MANCHESTER	16.5	430	PM	2/6
MANAHAWKIN	16.0	430	PM	2/6
FORKED RIVER	15.0	430	PM	2/6
POINT PLEASANT BEACH	15.0	830	PM	2/6
POINT PLEASANT	14.5	430	PM	2/6
SHIP BOTTOM	14.0	1235	PM	2/6
JACKSON	12.5	800	PM	2/6

...SALEM COUNTY...

PITTSGROVE	24.0	1000	PM	2/6
QUINTON	21.5	235	PM	2/6

...SOMERSET COUNTY...

HILLSBOROUGH	6.8	725	PM	2/6
NORTH PLAINFIELD	4.0	820	PM	2/6

...WARREN COUNTY...

STEWARTSVILLE	6.0	455 PM	2/6
HOPE	1.0	600 PM	2/6

PENNSYLVANIA

...BERKS COUNTY...

BOYERTOWN	14.8	300 PM	2/6
BERNVILLE	13.0	350 PM	2/6
NEW BERLINVILLE	13.0	300 PM	2/6
FLEETWOOD	11.0	230 PM	2/6

...BUCKS COUNTY...

CROYDEN	16.0	745 PM	2/6
LANGHORNE	15.0	150 PM	2/6
BENSALEM	14.2	350 PM	2/6
MORRISVILLE	14.2	350 PM	2/6
FURLONG	12.8	245 PM	2/6
DOYLESTOWN	10.5	155 PM	2/6

...CHESTER COUNTY...

CHESTER SPRINGS	24.1	210 PM	2/6
CALN TWP	23.7	1250 PM	2/6
NEW LONDON TWP	23.0	115 PM	2/6
WEST CALN	21.8	515 PM	2/6
CHESTERBROOK	21.0	400 PM	2/6
EXTON	21.0	535 PM	2/6
WEST CHESTER	19.7	300 PM	2/6
GLENMMORE	19.0	100 PM	2/6
EAST NANTMEAL	18.3	145 PM	2/6

...DELAWARE COUNTY...

RIDLEY PARK	30.0	330 PM	2/6
FOLCROFT	29.5	600 PM	2/6
NEWTOWN SQUARE	29.5	330 PM	2/6
BOOTHWYN	28.0	445 PM	2/6
DREXEL HILL	25.5	250 PM	2/6
BROOMALL	25.0	200 PM	2/6
UPPER CHICHESTER	25.0	330 PM	2/6
CLIFTON HEIGHTS	22.6	300 PM	2/6
SWARTHMORE	22.6	350 PM	2/6
MEDIA	22.0	100 PM	2/6
SECANE	22.0	1230 PM	2/6
EDGEMONT	20.0	1230 PM	2/6

...LEHIGH COUNTY...

ALLENTOWN	7.7	700 PM	2/6	INTL AIRPORT
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SLATINGTON 6.5 1200 PM 2/6

...MONTGOMERY COUNTY...

KING OF PRUSSIA	23.4	200 PM	2/6
WYNNEWOOD	23.0	545 PM	2/6
VILLANOVA	22.5	245 PM	2/6
TRAPPE	20.2	400 PM	2/6
NORRISTOWN	20.0	800 PM	2/6
AMBLER	17.0	235 PM	2/6
EAGLEVILLE	17.0	100 PM	2/6
HORSHAM	17.0	440 PM	2/6
ABINGTON	16.8	1245 PM	2/6
ROYERSFORD	16.7	320 PM	2/6
ELKINS PARK	15.5	150 PM	2/6
GILBERTSVILLE	15.0	210 PM	2/6
MONTGOMERYVILLE	14.0	225 PM	2/6
SALFORDVILLE	12.0	120 PM	2/6

...PHILADELPHIA COUNTY...

PHILADELPHIA	28.5	700 PM	2/6	INTL AIRPORT
ROXBOROUGH	22.0	455 PM	2/6	
SOMERTON	14.0	535 PM	2/6	

*****PEAK WIND GUST*****

LOCATION	PEAK WIND	TIME/DATE	COMMENTS
	GUST	OF	
	(MPH)	MEASUREMENT	

DELAWARE

...KENT COUNTY...

DOVER AFB	44	1118 AM	2/6
SANDTOWN	44	1200 AM	2/6

...NEW CASTLE COUNTY...

WILMINGTON	43	436 AM	2/6
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...SUSSEX COUNTY...

LEWES	61	400 AM	2/6
GEORGETOWN	60	354 AM	2/6
BETHANY BEACH	38	500 AM	2/6
HARBESON	38	300 AM	2/6

NEW JERSEY

...ATLANTIC COUNTY...

ATLANTIC CITY	48	1100 AM	2/6	MARINA
ATLANTIC CITY	47	749 AM	2/6	

...CAPE MAY COUNTY...

CAPE MAY	50	400 AM	2/6	FERRY
OCEAN CITY	46	630 AM	2/6	
WOODBINE	35	600 AM	2/6	

...CUMBERLAND COUNTY...

MILLVILLE	43	842 AM	2/6	
UPPER DEERFIELD	38	800 AM	2/6	

...MONMOUTH COUNTY...

SEA GIRT	44	900 AM	2/6	
KEANSBURG	38	300 PM	2/6	

...OCEAN COUNTY...

TUCKERTON	51	630 AM	2/6	
SEASIDE HEIGHTS	45	630 AM	2/6	
POINT PLEASANT	41	630 AM	2/6	
LAKEHURST NAS	38	557 AM	2/6	
HARVEY CEDARS	35	1200 PM	2/6	
WEST CREEK	35	900 AM	2/6	

PENNSYLVANIA

...PHILADELPHIA COUNTY...

PHILADELPHIA	41	418 AM	2/6	
PHILADELPHIA/NE	40	828 AM	2/6	