

WINTER STORM SUMMARY FOR

FEBRUARY 25, 2010 TO FEBRUARY 26, 2010 EVENT

Synopsis

A strong Nor'Easter spread significant snow and windy conditions across the Middle Atlantic region from Thursday February 25th into Friday February 26th. An area of low pressure developed off the Carolina coast late Wednesday night February 24th and then strengthened as it tracked northward to near Long Island, New York by Thursday evening. As low pressure aloft deepened over the Mid Atlantic coast Thursday night into Friday, the surface low retrograded and moved westward into northern New Jersey and southern New York. By Saturday February 27th, the low pushed into southern New England and gradually weakened over the weekend.

Watches/Warnings/Advisories

A Winter Storm Watch was issued at 330 pm on Tuesday February 23rd for the following areas: New Castle, Kent, and Sussex in Delaware; Cecil, Kent, Queen Annes, Talbot, and Caroline in Maryland; Sussex, Warren, Morris, Hunterdon, Somerset, Middlesex, Monmouth, Mercer, Salem, Gloucester, Camden, Burlington, Ocean, Cumberland, Atlantic, and Cape May in New Jersey; Carbon, Monroe, Berks, Lehigh, Northampton, Chester, Montgomery, Bucks, Delaware, and Philadelphia in Pennsylvania. At 316 pm on Wednesday February 24th, the Winter Storm Watch was upgraded to a Winter Storm Warning for all of the areas listed above. At 434 am on Friday February 26th, the Winter Storm Warning was downgraded to a Winter Weather Advisory for the following areas: Kent and Sussex in Delaware; Kent, Queen Annes, Talbot, and Caroline in Maryland.

At 1117 am on Thursday February 25th, a Wind Advisory was issued for the following areas: New Castle, Kent, and Sussex in Delaware; Cecil, Kent, Queen Annes, Talbot, and Caroline in Maryland; Sussex, Warren, Morris, Hunterdon, Somerset, Middlesex, Monmouth, Mercer, Salem, Gloucester, Camden, Burlington, Ocean, Cumberland, Atlantic, and Cape May in New Jersey; Carbon, Monroe, Berks, Lehigh, Northampton, Chester, Montgomery, Bucks, Delaware, and Philadelphia in Pennsylvania.

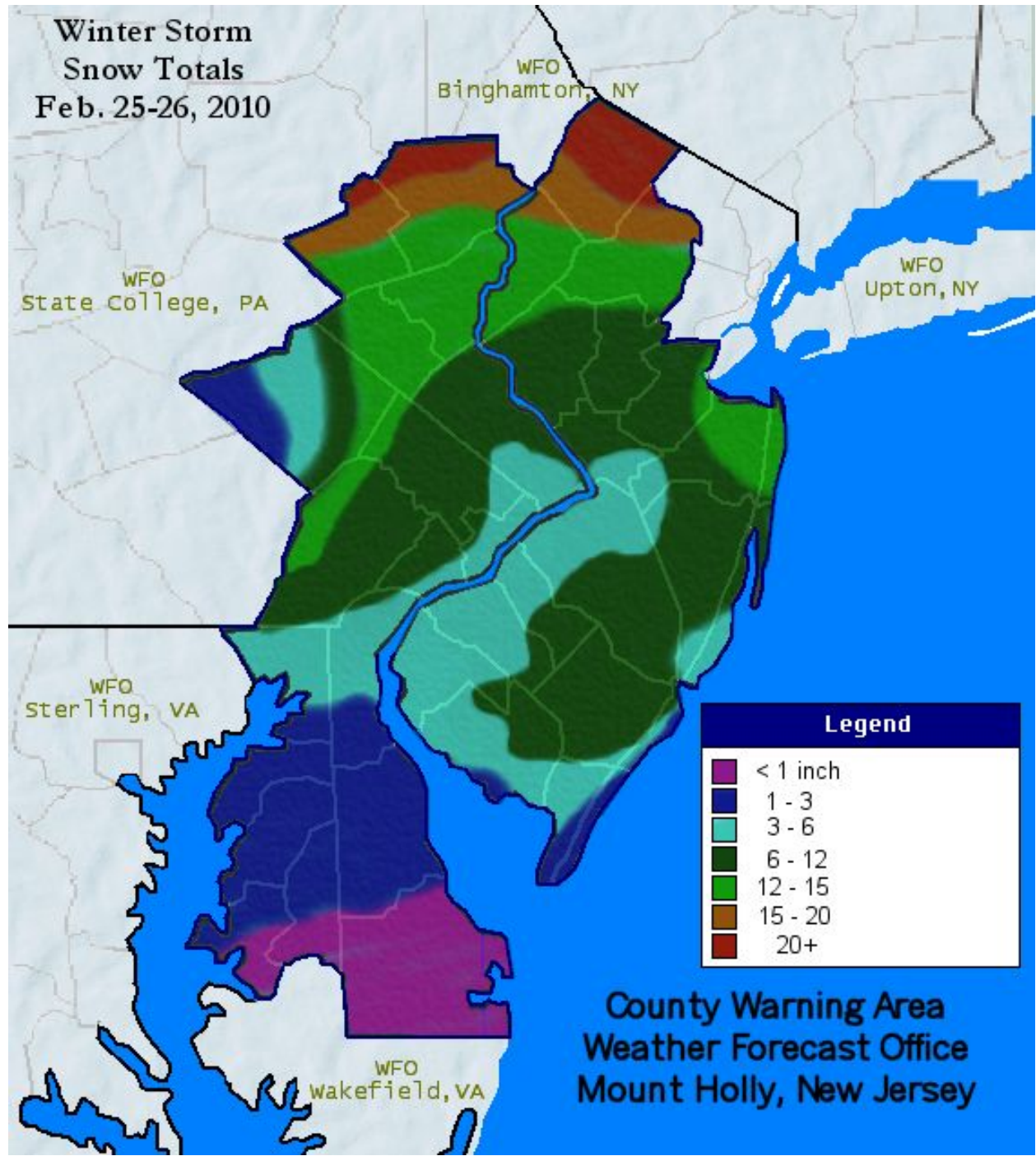
Precipitation/Temperatures/Winds

Precipitation began across the Mid Atlantic region late Wednesday night and into the early morning hours of Thursday February 25th. At the onset, the precipitation was generally a mix of rain and snow from the Delmarva into southern New Jersey and southeastern Pennsylvania as temperatures hovered in the 30s. By mid-morning on Thursday, the precipitation had changed to mainly snow from southeastern Pennsylvania and through inland portions of New Jersey. Heavier snow fell across northern New Jersey and into the Poconos of northeast Pennsylvania. In fact, total accumulations of 20 inches or more were recorded from Morris and Sussex counties in New Jersey westward into Monroe county Pennsylvania. A band of 12 to 18 inches of snow accumulation was measured from Warren and Morris counties in New Jersey westward to Lehigh county Pennsylvania. In addition to snow that accumulated during the daytime on Thursday, many locations across the region experienced a heavier burst of snow with gusty winds Thursday night into early Friday thanks to additional moisture that wrapped around the low pressure system. Some areas saw snowfall rates of 1 to 2 inches per hour, especially from northern New Jersey and into the Poconos.

Strong wind gusts were measured throughout the Middle Atlantic region as a result of this coastal storm. Some of the highest wind gusts recorded include 62 mph measured at Cape May, NJ; 52 mph at the Atlantic City Marina; 51 mph at the Mount Pocono Airport and at Lewes, DE; and 50 mph at Dover Air Force Base. Wind gusts of 40 mph or greater were also recorded at Philadelphia, Wilmington, and Allentown. Considerable blowing and drifting snow resulted, especially from the Poconos eastward into northern New Jersey. Snow drifts as high as 3 to 5 feet were seen across portions of Warren and Sussex counties in New Jersey.

Significant Impacts/Aspects

A heavy, wet snow fell across much of the region during this storm; however, the snow that fell was a bit lighter and drier throughout northern New Jersey and the Poconos where more blowing and drifting occurred. The combination of gusty winds and accumulating snow resulted in scattered power outages and downed trees. Slippery conditions led to traffic accidents and speed restrictions on the region's roadways and interstates. Numerous flights were cancelled at county and international airports, including at Allentown, Philadelphia, and Atlantic City. Many school districts across the region, including Philadelphia area schools, were closed on both Thursday February 25th and Friday February 26th.



NOUS41 KPHI 270315

PNSPHI

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PUBLIC INFORMATION STATEMENT

SPOTTER REPORTS

NATIONAL WEATHER SERVICE MOUNT HOLLY NJ
943 PM EST FRI FEB 26 2010

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS TAKEN DURING THE PAST 12 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

...KENT COUNTY...

VIOLA	1.1	100 PM	2/26	DEOS/DELDOT
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...NEW CASTLE COUNTY...

HOCKESSIN	5.6	100 PM	2/26	DEOS/DELDOT
BEAR	4.7	100 PM	2/26	SPOTTER
WILMINGTON AIRPORT	4.7	100 PM	2/26	
NEWARK	4.5	100 PM	2/26	SPOTTER
GLASGOW	3.0	100 PM	2/26	DEOS/DELDOT
NEW CASTLE	3.0	825 AM	2/26	SPOTTER

...SUSSEX COUNTY...

SELBYVILLE	0.1	100 PM	2/26	DEOS/DELDOT
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MARYLAND

...CECIL COUNTY...

COLORA	4.5	1019 AM	2/26	SPOTTER
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NEW JERSEY

...ATLANTIC COUNTY...

ESTELL MANOR	8.7	100 PM	2/26	SPOTTER
ATLANTIC CITY AIRPORT	7.6	100 PM	2/26	
PLEASANTVILLE	7.6	100 PM	2/26	SPOTTER
EGG HARBOR CITY	7.0	1030 AM	2/26	SPOTTER
HAMMONTON	7.0	209 PM	2/26	SPOTTER
SOMERS POINT	4.0	910 AM	2/26	SPOTTER
MARGATE CITY	2.4	958 AM	2/26	SPOTTER

...BURLINGTON COUNTY...

TABERNACLE	9.9	1100 AM	2/26	SPOTTER
MOUNT LAUREL	6.4	1050 AM	2/26	
MOUNT HOLLY NWS	6.3	100 PM	2/26	
MOORESTOWN	5.0	1030 AM	2/26	SPOTTER
EASTAMPTON	4.8	900 AM	2/26	SPOTTER
CHESTERFIELD	4.5	1030 AM	2/26	SPOTTER
WILLINGBORO	4.3	100 PM	2/26	SPOTTER

...CAMDEN COUNTY...

ATCO	10.0	300 PM	2/26	SPOTTER
CHERRY HILL	6.2	213 PM	2/26	SPOTTER
LINDENWOLD	5.4	100 PM	2/26	SPOTTER
SOMERDALE	5.2	900 AM	2/26	SPOTTER
VOORHEES	4.5	100 PM	2/26	SPOTTER

...CAPE MAY COUNTY...

ELDORA	3.8	1236 PM	2/26	SPOTTER
WOODBINE	3.5	912 AM	2/26	SPOTTER
GREEN CREEK	3.0	1236 PM	2/26	SPOTTER
SEAVILLE	2.5	1237 PM	2/26	SPOTTER
CAPE MAY COURT HOUSE	2.4	1237 PM	2/26	SPOTTER
CAPE MAY	2.1	100 PM	2/26	COOP
WEST CAPE MAY	2.0	1235 PM	2/26	SPOTTER
WILDWOOD CREST	2.0	1236 PM	2/26	SPOTTER
GREEN CREEK	1.7	910 AM	2/26	SPOTTER
NORTH CAPE MAY	1.5	1220 PM	2/26	SPOTTER
WILDWOOD CREST	1.5	909 AM	2/26	SPOTTER

...CUMBERLAND COUNTY...

MILLVILLE	7.0	100 PM	2/26	SPOTTER
VINELAND	5.4	100 PM	2/26	SPOTTER
NEWPORT	2.0	1027 AM	2/26	SPOTTER

...GLOUCESTER COUNTY...

MALAGA	7.5	100 PM	2/26	SPOTTER
NATIONAL PARK	5.6	100 PM	2/26	SPOTTER
GLASSBORO	5.0	1050 AM	2/26	SPOTTER
SWEDESBORO	4.5	1030 AM	2/26	SPOTTER

...HUNTERDON COUNTY...

WHITE HOUSE STATION	9.5	100 PM	2/26	SPOTTER
FLEMINGTON	9.0	954 AM	2/26	SPOTTER
WERTSVILLE	4.5	956 AM	2/26	SPOTTER
RINGOES	3.4	1100 AM	2/26	SPOTTER

...MERCER COUNTY...

EWING	8.2	1001 AM	2/26	SPOTTER
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HOPEWELL	8.0	1245	PM	2/26	SPOTTER
HIGHTSTOWN	6.5	1030	AM	2/26	SPOTTER
ROBBINSVILLE	6.0	1131	AM	2/26	SPOTTER

...MIDDLESEX COUNTY...

EDISON	13.5	910	AM	2/26	SPOTTER
METUCHEN	13.3	200	PM	2/26	SPOTTER
EAST BRUNSWICK	13.0	200	PM	2/26	SPOTTER
CHEESEQUAKE	12.6	300	PM	2/26	SPOTTER
OLD BRIDGE	12.0	1019	AM	2/26	SPOTTER
SAYREVILLE	11.0	1030	AM	2/26	SPOTTER
HOPELAWN	10.7	300	PM	2/26	SPOTTER
NEW BRUNSWICK	9.5	956	AM	2/26	SPOTTER
NORTH BRUNSWICK	9.4	200	PM	2/26	SPOTTER
SOUTH PLAINFIELD	9.0	1018	AM	2/26	SPOTTER
WOODBIDGE	8.0	730	AM	2/26	SPOTTER
MILLTOWN	7.0	1030	AM	2/26	SPOTTER

...MONMOUTH COUNTY...

COLTS NECK	13.0	1200	PM	2/26	SPOTTER
HOLMDEL	12.5	100	PM	2/26	SPOTTER
ENGLISHTOWN	12.0	1017	AM	2/26	SPOTTER
MARLBORO	10.0	323	PM	2/26	SPOTTER
OAKLAND MILLS	10.0	1000	AM	2/26	SPOTTER
CREAM RIDGE	9.4	1200	PM	2/26	SPOTTER
MORGANVILLE	8.5	830	AM	2/26	SPOTTER

...MORRIS COUNTY...

GREEN POND	22.5	200	PM	2/26	SPOTTER
MARCELLA	18.0	100	PM	2/26	SPOTTER
MILTON	17.0	407	PM	2/26	SPOTTER
OAK RIDGE	16.0	835	AM	2/26	SPOTTER
ROCKAWAY	15.0	1006	AM	2/26	SPOTTER
BUTLER	12.0	815	AM	2/26	SPOTTER

...OCEAN COUNTY...

WHITING	11.0	1210	PM	2/26	SPOTTER
TOMS RIVER	10.0	222	PM	2/26	SPOTTER
MANCHESTER	7.5	225	PM	2/26	SPOTTER
BARNEGAT	5.0	1030	AM	2/26	SPOTTER
MANAHAWKIN	5.0	225	PM	2/26	SPOTTER
SHIP BOTTOM	4.0	1200	PM	2/26	SPOTTER

...SALEM COUNTY...

PITTSGROVE	7.7	100	PM	2/26	PUBLIC
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...SOMERSET COUNTY...

SOMERSET	10.3	1100	AM	2/26	SPOTTER
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POTTERSVILLE	8.6	956 AM	2/26	SPOTTER
BRIDGEWATER	8.4	925 AM	2/26	SPOTTER
BELLE MEAD	8.1	100 PM	2/26	SPOTTER
HILLSBOROUGH	8.0	1030 AM	2/26	SPOTTER
SOMERVILLE	7.9	1200 PM	2/26	SPOTTER
BRANCHBURG	7.0	1200 PM	2/26	SPOTTER
NORTH PLAINFIELD	7.0	1019 AM	2/26	SPOTTER

...SUSSEX COUNTY...

MONTAGUE	26.5	815 AM	2/26	SPOTTER	
HIGHLAND LAKES	26.4	100 PM	2/26	SPOTTER	
SPARTA	23.5	100 PM	2/26	SPOTTER	
WANTAGE	22.5	600 PM	2/26	SPOTTER	5 FOOT DRIFTS
NEWTON	19.5	1200 PM	2/26	SPOTTER	
ANDOVER	15.0	950 AM	2/26	SPOTTER	

...WARREN COUNTY...

BLAIRSTOWN	16.0	223 PM	2/26	SPOTTER	
PHILLIPSBURG	14.1	100 PM	2/26	SPOTTER	
STEWARTSVILLE	14.1	200 PM	2/26	SPOTTER	3 FOOT DRIFTS
BROADWAY	14.0	950 PM	2/26	SPOTTER	
HACKETTSTOWN	14.0	545 PM	2/26	SPOTTER	
HOPE	12.0	200 PM	2/26	SPOTTER	
BELVIDERE	10.0	948 AM	2/26	SPOTTER	

PENNSYLVANIA

...BUCKS COUNTY...

EAST ROCKHILL	11.7	1200 PM	2/26	SPOTTER
PERKASIE	11.7	1030 AM	2/26	SPOTTER
SELLERSVILLE	8.0	953 AM	2/26	SPOTTER
FURLONG	5.8	1145 AM	2/26	SPOTTER

...CHESTER COUNTY...

EAST NANTMEAL TWP	13.5	100 PM	2/26	SPOTTER
WEST CALN TWP	12.3	200 PM	2/26	SPOTTER
SOUTH COVENTRY	11.3	1130 AM	2/26	SPOTTER
EXTON	10.1	1130 AM	2/26	SPOTTER
CHESTERBROOK	10.0	1200 PM	2/26	SPOTTER
DOWNINGTOWN	8.0	719 AM	2/26	SPOTTER

...DELAWARE COUNTY...

CLIFTON HEIGHTS	7.5	120 PM	2/26	SPOTTER
DREXEL HILL	6.6	100 PM	2/26	SPOTTER

...LEHIGH COUNTY...

ALLENTOWN AIRPORT	12.4	100 PM	2/26	
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...MONROE COUNTY...

TOBYHANNA	25.0	1130 AM	2/26	SPOTTER
MOUNT POCONO	20.5	330 PM	2/26	SPOTTER
BLAKESLEE	20.0	200 PM	2/26	SPOTTER
DELAWARE WATER GAP	15.5	200 PM	2/26	SPOTTER
EAST STROUDSBURG	11.2	100 PM	2/26	SPOTTER
GILBERT	6.0	330 PM	2/26	SPOTTER

...MONTGOMERY COUNTY...

MONTGOMERYVILLE	11.5	912 AM	2/26	SPOTTER
ROYERSFORD	10.0	1200 PM	2/26	SPOTTER
TRAPPE	9.8	1100 AM	2/26	SPOTTER
ABINGTON	8.8	200 PM	2/26	
POTTSTOWN	8.0	1130 AM	2/26	SPOTTER
WILLOW GROVE NAS	7.0	100 PM	2/26	
KING OF PRUSSIA	6.3	100 PM	2/26	SPOTTER
WYNNEWOOD	6.0	1100 AM	2/26	SPOTTER
WILLOW GROVE	5.8	100 PM	2/26	SPOTTER
AMBLER	4.5	1001 AM	2/26	SPOTTER
PALM	4.2	952 AM	2/26	SPOTTER

...NORTHAMPTON COUNTY...

MARTINS CREEK	15.3	1200 PM	2/26	SPOTTER
BETHLEHEM	13.7	700 AM	2/26	SPOTTER
NAZARETH	12.0	817 AM	2/26	SPOTTER

...PHILADELPHIA COUNTY...

PHILADELPHIA INTL ARPT	5.6	100 PM	2/26	
FRANKLIN INSTITUTE	5.0	930 AM	2/26	

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

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

DELAWARE

...KENT COUNTY...

DOVER AFB	50	1008 PM	2/25	
SANDTOWN	48	135 PM	2/26	DEOS

...NEW CASTLE COUNTY...

WILMINGTON AIRPORT	44	921 PM	2/25	
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...SUSSEX COUNTY...

LEWES	51	1206 AM	2/26	
MILFORD	43	1205 AM	2/26	DEOS
GEORGETOWN AIRPORT	40	1111 AM	2/26	
JONES CROSSROADS	40	740 AM	2/26	DEOS
SEAFORD	40	700 AM	2/26	DEOS

MARYLAND

...TALBOT COUNTY...				
EASTON	40	1242 AM	2/26	

NEW JERSEY

...ATLANTIC COUNTY...				
ATLANTIC CITY MARINA	52	800 PM	2/25	
ATLANTIC CITY AIRPORT	43	935 PM	2/25	

...BURLINGTON COUNTY...				
MCGUIRE AFB	44	835 PM	2/25	
MOUNT HOLLY AIRPORT	38	1242 AM	2/26	

...CAPE MAY COUNTY...				
CAPE MAY	62	100 AM	2/26	COOP
AVALON	45	1200 AM	2/26	

...CUMBERLAND COUNTY...				
MILLVILLE AIRPORT	44	1104 PM	2/25	

...MERCER COUNTY...				
TRENTON AIRPORT	35	355 AM	2/26	

...MONMOUTH COUNTY...				
SANDY HOOK	51	1015 PM	2/25	
BELMAR/FARMDALE AIRPORT	40	1235 AM	2/26	

...OCEAN COUNTY...				
BRANT BEACH	47	1200 AM	2/26	
TOMS RIVER	38	1115 PM	2/25	

...SUSSEX COUNTY...				
WANTAGE	48	900 AM	2/26	PUBLIC

PENNSYLVANIA

...BERKS COUNTY...				
READING AIRPORT	38	951 PM	2/25	

...BUCKS COUNTY...

DOYLESTOWN	39	1238	PM	2/26
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...CHESTER COUNTY...

COATESVILLE	48	320	AM	2/26
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...LEHIGH COUNTY...

ALLENTOWN AIRPORT	40	405	AM	2/26
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...MONROE COUNTY...

MOUNT POCONO AIRPORT	51	1127	PM	2/25
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...MONTGOMERY COUNTY...

POTTSTOWN	40	115	AM	2/26
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WILLOW GROVE NAS	40	1210	AM	2/26
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...PHILADELPHIA COUNTY...

PHILADELPHIA INTL ARPT	48	111	AM	2/26
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PHILADELPHIA/NE AIRPORT	43	1248	AM	2/26
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