

## **WINTER STORM SUMMARY FOR**

### **FEBRUARY 03, 2009 TO FEBRUARY 4, 2009 EVENT**

#### **Synopsis**

A coastal storm developed along a stalled front south of the region on February 2nd, then stayed well offshore as it tracked off towards the northeast on the 3rd. As the coastal storm pulled farther away from the Mid-Atlantic region, an upper level trough over the Ohio Valley pushed eastward. The upper trough moved east and had several shortwaves rotating around the bottom of the 02032009wss trough, each crossing our region through the afternoon and evening hours of the 3rd. The upper trough continued moving eastward and eventually out to sea by the afternoon of the 4th.

#### **Watches/Warnings/Advisories**

A Winter Weather Advisory was issued at 2:53 PM EST on the 2nd, and was effective from 6:00 AM EST on the 3rd until Midnight EST on the 3rd. This advisory was for Carbon, Monroe, Berks, Lehigh, Northampton, Chester, Montgomery, Bucks Counties in Pennsylvania; Sussex, Warren, Morris, Hunterdon, Somerset, all of Monmouth, Middlesex, and Mercer Counties in New Jersey. A Winter Weather Advisory was also issued at 2:53 PM EST on the 2nd, and was effective from 4:00 AM EST on the 3rd until Midnight EST on the 3rd. This advisory was for all of Sussex County in Delaware; Cecil, Kent, Queen Anne's, Talbot and Caroline Counties in Maryland. A Winter Storm Watch was issued at 2:53 PM EST on the 2nd, and was effective for 6:00 AM EST on the 3rd until Midnight EST on the 3rd. The watch was for Delaware and Philadelphia Counties in Pennsylvania; Salem, Gloucester, Camden, all of Burlington, all of Ocean, Cumberland, all of Atlantic and all of Cape May Counties in New Jersey; New Castle and Kent Counties in Delaware. At 5:24 PM EST on the 2nd, the winter weather message product was updated with no headline changes, but to reflect expected accumulations within portions of the advisory area. At 8:48 PM EST on the 2nd, an update was issued to the winter weather message, with no headline changes, but for expected conditions by the morning commute and to adjust accumulation amounts in the some of the advisory area.

At 3:25 AM EST on the 3rd, the Winter Weather Advisory was cancelled for Carbon, Monroe and Berks Counties in Pennsylvania. The watch area was changed to a Winter Weather Advisory at this time. All other advisories remained the same with updates to reflect the current conditions and expected amounts. At 4:55 AM EST on the 3rd, the winter weather message product was updated to remove the cancelled headlines. At 10:45 AM EST on the 3rd, an updated winter weather message was issued with

no changes to the headlines. However, amounts were adjusted across the advisory area to better match other products. At 1:35 PM EST on the 3rd, another update was sent with no headline changes. At 5:46 PM EST on the 3rd, an update was issued with no headline changes, but to indicate the decreasing intensity of the snow through the evening hours. At 6:58 PM EST on the 3rd, the Winter Weather Advisory was cancelled for Kent and all of Sussex Counties in Delaware; Cecil, Kent, Queen Anne's, Talbot and Caroline Counties in Maryland. All other headlines were unchanged with this update. At 9:40 PM EST on the 3rd, the advisory was upgraded to a Winter Storm Warning for Salem, Gloucester, Camden, Cumberland and Atlantic Counties in New Jersey; Delaware and Philadelphia Counties in Pennsylvania and was extended until 4:00 AM EST on the 4th due to an increase in heavy snow over the region. The remaining advisories were left unchanged.

At 12:02 AM EST on the 4th, the advisories were cancelled for Sussex, Warren, Morris, Hunterdon, Somerset, Middlesex, all of Monmouth, Mercer, all of Burlington, all of Ocean, all of Cape May and the coastal strip of Atlantic Counties in New Jersey; Lehigh, Northampton and Bucks Counties in Pennsylvania. The warning headline remained unchanged with adjustments made to expected accumulations. The remaining advisory for Chester and Montgomery Counties in Pennsylvania and New Castle County in Delaware was extended until 4:00 AM EST on the 4th. At 3:45 AM EST on the 4th, all advisories and warnings were cancelled as the storm exited the region and the heaviest precipitation ended.

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

Precipitation began as a mix of rain and snow in southern Delaware but quickly changed over to all snow. It remained all snow throughout the region as temperatures stayed just above freezing in most areas. Although it snowed most of the day in parts of the area, the indirect solar insolation provided enough heat to melt the snow at the surface and limited daytime accumulations. After the sun set, temperatures dropped, which allowed for more accumulations to occur.

Some selected snowfall totals from this storm include:

In Delaware: 1.2 inches at the New Castle County Airport in Wilmington and Bear and 1.0 inches at the Dover Air Force Base.

In Maryland: 3.0 inches in Colora and Millington, 2.5 inches in Conowingo, 2.0 inches in Galena, 1.5 inches in Chesapeake City and Chestertown and 1.0 inches in Grasonville. Several reports of around 0.5 inches was reported near Easton.

In New Jersey (Due to the numerous reports from NJ, we have only listed the top 5 reports from each county, if available):

Atlantic County: 4.7 inches in Hammonton, 4.3 inches in Hamilton Township, 4.0 inches in Estell Manor, 3.6 inches in Buena Vista and 3.2 inches in Pleasantville and at the Atlantic City International Airport.

Burlington County: 5.0 inches in Southampton, 4.6 inches in Wrightstown, 4.4 inches in Moorestown, 4.3 inches in Delran and 4.0 inches in Tabernacle. There was also 3.4 inches reported at the NWS Mount Holly Office.

Camden County: 5.5 inches in Sicklerville, 5.4 inches in Somerdale, 3.3 inches in Lindenwold, 3.1 inches in Winslow and 3.0 inches in Merchantville.

Cape May County: 3.7 inches in Upper Township, 2.8 inches in Seaville, 2.6 inches in Woodbine, 2.4 inches in Belleplain and 2.3 inches in Eldora.

Cumberland County: 4.0 inches in Vineland.

Gloucester County: 10.0 inches in Glassboro, 9.5 inches in Glassboro (just SW), 8.4 inches in National Park, 8.0 inches in West Deptford and 7.6 inches in Sewell.

Hunterdon County: 5.2 inches in Stockton, 5.0 inches in Bethlehem, 4.2 inches in Wertsville, 3.8 inches in Flemington and 3.5 inches in Whitehorse.

Mercer County: 5.0 inches in Princeton, 4.7 inches in Hopewell, 4.5 inches in Lawrence, 4.1 inches in Washington Township and 4.0 inches in Ewing and Hamilton Township.

Middlesex County: 5.5 inches in the Brunswicks (East, New, North and South), 5.3 inches in Sayreville and 5.2 inches in Edison.

Monmouth County: 6.4 inches in Red Bank, 6.3 inches in Colts Neck and Holmdel, 6.0 inches in Aberdeen and Middletown and 5.9 inches in Howell and Millstone Townships.

Morris County: 4.8 inches in Denville, 4.5 inches in Rockaway Valley, 4.2 inches in Randolph, 4.0 inches in Roxbury and 3.7 inches in Riverdale.

Ocean County: 5.5 inches in Brick, 5.0 inches in Toms River, 4.0 inches in Point Pleasant Beach, 3.8 inches in Brick Township and 3.5 inches in Tuckerton.

Salem County: 7.6 inches in Pittsgrove.

Somerset County: 5.6 inches in Hillsborough, 5.0 inches in Neshanic, 4.3 inches in Franklin Township, 4.0 inches in Kingston and 3.8 inches in Bernards Township.

Sussex County: 4.5 inches in Vernon, 3.6 inches in Hopatcong, 3.5 inches in Newton, 3.3 inches in Wantage and 3.0 inches in Sparta.

Warren County: 3.7 inches in Allamuchy Township, 3.5 inches in Greenwich Township and Stewartsville, 2.5 inches in Blairstown and 2.4 inches in Hackettstown and Independence Township.

In Pennsylvania (Due to numerous reports, some counties will only have the top 5 snowfalls listed):

Berks County: 4.8 inches in Longswamp, 3.5 inches in Fleetwood, 2.6 inches in Morgantown, 1.5 inches in Blue Marsh Lake and 1.3 inches in West Lawn.

Bucks County: 6.6 inches in Perkasio, 4.8 inches in Morrisville and Springtown, 4.6 inches in Richboro and 4.5 inches in Bensalem and Furlong.

Carbon County: 1.8 inches in Palmerton and 1.5 inches in Jim Thorpe.

Chester County: 7.9 inches in Phoenixville, 6.0 inches in Chesterbrook, 5.3 inches in East Nantmeal, 4.8 inches in Exton and 4.3 inches in West Caln.

Delaware County: 8.3 inches in Wayne, 7.4 inches in Clifton Heights, 7.1 inches in Drexel Hill, 7.0 inches in Media and 6.5 inches in Swarthmore.

Lehigh County: 4.5 inches in Emmaus, 3.1 inches at the Lehigh Valley International Airport in Allentown, 1.2 inches in Slatington and 1.0 inches in Schnecksville.

Monroe County: 3.2 inches in Delaware Water Gap, 3.0 inches in Bossardsville and 2.5 inches in Tobyhanna.

Montgomery County: 7.0 inches in King of Prussia, 6.1 inches in Abington, 6.0 inches in Norristown, Rockledge and Wynnewood and 5.5 inches in Elkins Park and Hatboro.

Northampton County: 4.0 inches in Bethlehem, 2.7 inches in Forks Township and 1.8 inches in Tatamy.

Philadelphia County: 8.4 inches at the Philadelphia International Airport, 5.5 inches at the Franklin Institute and 5.1 inches in Philadelphia (4.7 miles northeast).

### **Significant Impacts/Aspects**

The storm moved in during the morning hours on the 3rd but did not pick up until later in the day. Aided by indirect solar insolation, temperatures above freezing, a lighter intensity of the snow, and pre-treating of the roadways, the roads were mainly wet while snow accumulated on unpaved and untreated surfaces. As the sun set during the evening rush hour, the roads became more slippery. As the temperatures continued to fall through the evening and overnight, wet road surfaces began to freeze with areas of black ice reported. Numerous accidents were reported by law enforcement and the media.

A good portion of the region saw over 4 inches of snow while some areas, mainly around Philadelphia and southern New Jersey, saw 6 to 10 inches. Numerous schools were closed and/or delayed on the morning of the 4th.

### **Notes**

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

NOUS41 KPHI 042008

PNSPHI

DEZ001>004-MDZ008-012-015-019-020-NJZ001-007>010-012>027-PAZ054-055-  
060>062-067>071-050600-

PUBLIC INFORMATION STATEMENT

SPOTTER REPORTS

NATIONAL WEATHER SERVICE MOUNT HOLLY NJ

308 PM EST WED FEB 4 2009

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS TAKEN DURING THE PAST 36 HOURS FOR THE STORM THAT HAS BEEN AFFECTING OUR REGION. APPRECIATION IS EXTENDED TO HIGHWAY DEPARTMENTS.....COCORAHNS...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	1.2	700 AM	2/4
WILMINGTON	1.2	700 AM	2/4

...KENT COUNTY...

DOVER AFB	1.0	700 AM	2/4
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...SUSSEX COUNTY...

GREENWOOD	T	700 AM	2/4
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MARYLAND

...CECIL COUNTY...

COLORA	3.0	700 AM	2/4
CONOWINGO	2.5	1000 AM	2/4
CHESAPEAKE CITY	1.5	1145 AM	2/4
NORTH EAST	0.5	800 AM	2/4 1.2 W
CHARLESTOWN	T	1125 AM	2/4

...KENT COUNTY...

MILLINGTON	3.0	900 AM	2/4
GALENA	2.0	1200 PM	2/4
CHESTERTOWN	1.5	1030 AM	2/4

...QUEEN ANNE`S COUNTY...

GRASONVILLE	1.0	1100 AM	2/4
KENT ISLAND	0.5	1045 AM	2/4
STEVENSVILLE	0.5	700 AM	2/4

...TALBOT COUNTY...

EASTON	0.5	800 AM	2/4 2.9 NNE
ROYAL OAK	0.5	1100 AM	2/4
SAINT MICHAELS	0.3	800 AM	2/4 0.7 SE



BELLEVUE	0.1	730 AM	2/4	0.3 NNE
EASTON	0.1	700 AM	2/4	1.2 SSW
EASTON	T	800 AM	2/4	1.1 SW
EASTON	T	700 AM	2/4	2.4 SE
EASTON	T	1030 AM	2/4	

#### NEW JERSEY

##### ...ATLANTIC COUNTY...

HAMMONTON	4.7	800 AM	2/4	3.3 WSW
HAMILTON TWP	4.3	700 AM	2/4	
ESTELL MANOR	4.0	700 AM	2/4	
BUENA VISTA	3.6	700 AM	2/4	2.6 NNE
ATLANTIC CITY AIRPORT	3.2	700 AM	2/4	
PLEASANTVILLE	3.2	700 AM	2/4	
ABSECON	3.0	100 AM	2/4	

##### ...BURLINGTON COUNTY...

SOUTHAMPTON	5.0	1040 PM	2/3	
WRIGHTSTOWN	4.6	700 AM	2/4	
MOORESTOWN I	4.4	800 AM	2/4	0.6 SE
DELTRAN	4.3	700 AM	2/4	
MOORESTOWN II	4.0	825 AM	2/4	
TABERNACLE	4.0	710 AM	2/4	
EDGEWATER PARK	3.9	700 AM	2/4	
MOUNT LAUREL	3.9	700 AM	2/4	
BURLINGTON	3.7	700 AM	2/4	1.7 E
CROSSWICKS	3.6	725 PM	2/3	
MOUNT HOLLY NWS	3.4	700 AM	2/4	
LUMBERTON	3.3	700 AM	2/4	

##### ...CAMDEN COUNTY...

SICKLERVILLE	5.5	815 AM	2/4	
SOMERDALE	5.4	700 AM	2/4	
LINDENWOLD	3.3	735 AM	2/4	
WINSLOW	3.1	700 AM	2/4	3.5 W
MERCHANTVILLE	3.0	800 AM	2/4	0.5 ESE

##### ...CAPE MAY COUNTY...

UPPER TWP	3.7	700 AM	2/4	0.4 SSW
SEAVILLE	2.8	700 AM	2/4	
WOODBINE	2.6	700 AM	2/4	
BELLEPLAIN	2.4	1200 AM	2/4	
ELDORA	2.3	1200 AM	2/4	
DENNISVILLE	1.9	1200 AM	2/4	
GREEN CREEK	1.5	700 AM	2/4	
MIDDLE TWP	1.5	700 AM	2/4	4.4 SW
CAPE MAY HARBOR	1.3	542 PM	2/3	

SCOTCH BONNET	1.2	700 AM	2/4	
ERMA	1.0	700 AM	2/4	
NORTH CAPE MAY	1.0	500 PM	2/3	
WEST CAPE MAY	1.0	1100 PM	2/3	
LOWER TWP	0.9	700 AM	2/4	2.2 NE

...CUMBERLAND COUNTY...

VINELAND	4.0	730 AM	2/4	
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...GLOUCESTER COUNTY...

GLASSBORO I	10.0	835 AM	2/4	
GLASSBORO II	9.5	700 AM	2/4	
NATIONAL PARK	8.4	700 AM	2/4	
WEST DEPTFORD	8.0	811 AM	2/4	
SEWELL	7.6	600 AM	2/4	
MANTUA	7.5	630 AM	2/4	1.5 E
MALAGA	7.0	1100 AM	2/4	
PITMAN	6.5	700 AM	2/4	0.1 W
WASHINGTON TWP	6.1	700 AM	2/4	1.5 N
MULLICA HILL	6.0	930 PM	2/3	

...HUNTERDON COUNTY...

STOCKTON	5.2	700 AM	2/4	4.4 NW
BETHLEHEM	5.0	800 AM	2/4	0.6 S
WERTSVILLE	4.2	730 AM	2/4	
FLEMINGTON	3.8	800 AM	2/4	
WHITEHOUSE	3.5	654 PM	2/3	
HIGH BRIDGE	2.3	700 AM	2/4	0.6 WNW
READINGTON	2.0	700 AM	2/4	1.8 ENE

...MERCER COUNTY...

PRINCETON	5.0	800 AM	2/4	2.2 SSE
HOPEWELL	4.7	1230 AM	2/4	
LAWRENCE	4.5	530 AM	2/4	1.0 NNW
WASHINGTON TWP	4.1	700 AM	2/4	1.7 WSW
EWING	4.0	900 PM	2/3	
HAMILTON I	4.0	800 AM	2/4	
PENNINGTON	3.9	800 AM	2/4	0.6 ENE
HAMILTON SQUARE	3.8	800 AM	2/4	
HAMILTON II	3.7	700 AM	2/4	2.2 NE
HAMILTON III	3.4	800 AM	2/4	2.1 SE

...MIDDLESEX COUNTY...

EAST BRUNSWICK	5.5	1030 PM	2/3	
NEW BRUNSWICK I	5.5	900 AM	2/4	
NORTH BRUNSWICK I	5.5	918 PM	2/3	
SOUTH BRUNSWICK I	5.5	800 AM	2/4	3.1 NW
SAYREVILLE STATION	5.3	1116 PM	2/3	

EDISON	5.2	800 PM	2/3	
NORTH BRUNSWICK II	5.0	700 AM	2/4	1.5 W
SOUTH BRUNSWICK II	4.9	700 AM	2/4	1.3 NNE
CRANBURY	4.8	800 AM	2/4	1.4 SW
NEW BRUNSWICK II	4.8	700 AM	2/4	
JAMESBURG	4.5	935 PM	2/3	
METUCHEN	4.5	800 PM	2/3	
OLD BRIDGE	4.0	1030 PM	2/3	

...MONMOUTH COUNTY...

RED BANK	6.4	700 AM	2/4	1.3 NW
COLTS NECK	6.3	920 PM	2/3	
HOLMDEL	6.3	700 AM	2/4	0.7 E
ABERDEEN	6.0	1030 PM	2/3	
MIDDLETOWN	6.0	835 PM	2/3	
HOWELL TWP	5.9	700 AM	2/4	2.5 W
MILLSTONE TWP	5.9	100 AM	2/4	
MORGANVILLE	5.8	1115 AM	2/4	
TINTON FALLS	5.3	926 PM	2/3	
FREEHOLD I	5.0	700 AM	2/4	
BRADLEY BEACH	4.5	700 AM	2/4	0.2 ESE
FREEHOLD II	4.5	630 AM	2/4	1.0 WNW
WEST LONG BRANCH	4.5	700 AM	2/4	
OAKHURST	4.0	1030 PM	2/3	
CREAM RIDGE	3.9	1130 PM	2/3	
MANASQUAN	3.4	700 AM	2/4	
FREEWOOD ACRES	3.3	900 PM	2/3	
NEPTUNE CITY	3.2	715 AM	2/4	

...MORRIS COUNTY...

DENVILLE	4.8	1237 AM	2/4	
ROCKAWAY VALLEY	4.5	800 AM	2/4	0.7 NE
RANDOLPH	4.2	700 AM	2/4	2.2 SE
ROXBURY	4.0	700 AM	2/4	1.7 S
RIVERDALE	3.7	800 PM	2/3	
KINNELON	3.6	800 AM	2/4	1.4 SE
MARCELLA	3.5	823 PM	2/3	
ROCKAWAY	3.3	800 AM	2/4	0.4 NNW
WHIPPANY	3.0	500 PM	2/3	
BUTLER	2.9	515 PM	2/3	
BOONTON	2.3	800 AM	2/4	1.6 SSE
POTTERSVILLE	1.8	730 AM	2/4	

...OCEAN COUNTY...

BRICK	5.5	905 PM	2/3	
TOMS RIVER	5.0	800 PM	2/3	
POINT PLEASANT BEACH	4.0	940 PM	2/3	
BRICK TWP I	3.8	700 AM	2/4	2.4 N

BRICK TWP II	3.6	700 AM	2/4	1.5 NNE
TUCKERTON	3.5	830 AM	2/4	
STAFFORD	3.3	800 AM	2/4	2.1 NW
MANAHAWKIN	3.2	915 PM	2/3	
BAYVILLE	3.0	915 PM	2/3	
FORKED RIVER	2.6	917 PM	2/3	

...SALEM COUNTY...

PITTSGROVE	7.6	830 AM	2/4	
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...SOMERSET COUNTY...

HILLSBOROUGH	5.6	700 AM	2/4	4.7 ESE
NESHANIC	5.0	915 PM	2/3	
FRANKLIN TWP	4.3	700 AM	2/4	2.1 ENE
KINGSTON	4.0	1030 PM	2/3	
BERNARDS TWP I	3.8	700 AM	2/4	0.6 NNW
BRIDGEWATER I	3.5	900 PM	2/3	
GREEN BROOK PARK	3.5	800 PM	2/3	
SOMERVILLE	3.3	1030 PM	2/3	
BRIDGEWATER II	2.8	700 AM	2/4	1.9 W
BRANCHBURG PARK	2.7	356 PM	2/3	
BERNARDS TWP II	2.5	700 AM	2/4	0.9 ENE
BRIDGEWATER III	2.1	700 AM	2/4	3.3 NW

...SUSSEX COUNTY...

VERNON	4.5	700 AM	2/4	1.7 N
HOPATCONG	3.6	900 PM	2/3	
NEWTON	3.5	700 AM	2/4	1.9 N
WANTAGE	3.3	619 PM	2/3	
SPARTA	3.0	700 AM	2/4	1.6 S
SUSSEX	2.3	700 AM	2/4	
WANTAGE	2.3	700 AM	2/4	2.4 SW
HARDYSTON	2.2	745 AM	2/4	3.2 SE

...WARREN COUNTY...

ALLAMUCHY	3.7	900 PM	2/3	
GREENWICH TWP	3.5	700 AM	2/4	1.6 S
STEWARTSVILLE	3.5	800 AM	2/4	
BLAIRSTOWN	2.5	700 AM	2/4	2.0 SE
HACKETTSTOWN	2.4	725 PM	2/3	
INDEPENDENCE TWP	2.4	700 AM	2/4	2.8 SE

PENNSYLVANIA

...BERKS COUNTY...

LONGSWAMP	4.8	930 AM	2/4	1000 FT ELEVATION
FLEETWOOD	3.5	830 AM	2/4	2.0 ESE
MORGANTOWN	2.6	700 AM	2/4	

BLUE MARSH DAM	1.5	700 AM	2/4	
WEST LAWN	1.3	700 AM	2/4	0.9 SSE

...BUCKS COUNTY...

PERKASIE	6.6	700 AM	2/4	
MORRISVILLE	4.8	800 AM	2/4	
SPRINGTOWN	4.8	700 AM	2/4	
RICHBORO	4.6	600 AM	2/4	1.1 SE
BENSALEM	4.5	740 AM	2/4	
FURLONG	4.5	100 AM	2/4	
FEASTERVILLE	4.2	912 PM	2/3	
PERKASIE	3.3	800 PM	2/3	
QUAKERTOWN	3.3	800 PM	2/3	
LEVITTOWN	3.0	800 PM	2/3	
NESHAMINY FALLS	3.0	700 AM	2/4	
SELLERSVILLE	1.5	700 AM	2/4	

...CARBON COUNTY...

PALMERTON	1.8	800 AM	2/4	3.9 NE
JIM THORPE	1.5	700 AM	2/4	1.1 NNE

...CHESTER COUNTY...

PHOENIXVILLE	7.9	610 AM	2/4	
CHESTERBROOK	6.0	548 AM	2/4	
EAST NANTMEAL	5.3	543 AM	2/4	
EXTON	4.8	1210 PM	2/4	
WEST CALN	4.3	406 PM	2/3	
POTTSTOWN LANDING	4.0	630 AM	2/4	
GLENMOORE	2.6	700 AM	2/4	
WEST CHESTER	2.6	700 AM	2/4	2.4 SSE

...DELAWARE COUNTY...

WAYNE	8.3	845 AM	2/4	500 FT ELEVATION
CLIFTON HEIGHTS	7.4	220 AM	2/4	
DREXEL HILL	7.1	600 AM	2/4	
MEDIA	7.0	500 AM	2/4	
SWARTHMORE	6.5	615 AM	2/4	
RADNOR	4.0	945 PM	2/3	
VILLANOVA	4.0	945 PM	2/3	
BOOTHWYN	3.0	800 AM	2/4	

...LEHIGH COUNTY...

EMMAUS	4.5	800 AM	2/4	
ALLENTOWN AIRPORT	3.1	700 AM	2/4	
SLATINGTON	1.2	400 AM	2/4	
SCHNECKSVILLE	1.0	700 AM	2/4	2.7 SW

...MONROE COUNTY...

DELAWARE WATER GAP	3.2	356 PM	2/3
BOSSARDSVILLE	3.0	900 PM	2/3
TOBYHANNA	2.5	900 PM	2/3

...MONTGOMERY COUNTY...

KING OF PRUSSIA	7.0	700 AM	2/4
ABINGTON	6.1	105 AM	2/4
NORRISTOWN	6.0	1130 AM	2/4
ROCKLEDGE	6.0	630 AM	2/4 1.3 SE
WYNNEWOOD	6.0	140 AM	2/4
ELKINS PARK	5.5	550 AM	2/4
HATBORO	5.5	745 AM	2/4
AMBLER	5.0	1135 PM	2/3
WEST CONSHOHOCKEN	5.0	1014 PM	2/3
WILLOW GROVE	4.7	835 PM	2/3
JENKINTOWN	4.5	915 PM	2/3
HARLEYSVILLE	4.4	700 AM	2/4 2.1 SSW
KULPSVILLE	4.2	700 AM	2/4 2.6 WSW
NORTH WALES	4.0	700 AM	2/4 1.3 WSW
COLLEGEVILLE	3.1	730 AM	2/4 3.0 NE
HATFIELD	3.0	600 AM	2/4 0.1 SSW
ROYERSFORD	3.0	853 PM	2/3
SOUDERTON	2.8	700 AM	2/4 0.6 NNW
PALM	2.3	700 AM	2/4
GREEN LANE	2.0	700 AM	2/4
GILBERTSVILLE	1.9	1030 AM	2/4 0.9 S
PENNSBURG	1.8	525 AM	2/4 3.0 ENE

...NORTHAMPTON COUNTY...

BETHLEHEM	4.0	700 AM	2/4
FORKS TWP	2.7	622 PM	2/3
TATAMY	1.8	653 PM	2/3

...PHILADELPHIA COUNTY...

PHILADELPHIA INTL ARPT	8.4	700 AM	2/4
PHILA. FRANKLIN INST	5.5	700 AM	2/4
PHILADELPHIA	5.1	700 AM	2/4 4.7 NE