

## **WINTER STORM SUMMARY FOR JANUARY 30, 2010 EVENT**

### **Synopsis**

High pressure was in place over the region as a low pressure system developed on a frontal boundary along the Gulf Coast on Friday January 29th. This low then tracked northeastward, settling off the North Carolina coast on Saturday January 30th. The low began to intensify as it continued to move east and further offshore Saturday and Saturday night. With a good deal of arctic air already in place, snow began to fall across mainly the southern areas late Saturday morning and spreading northward through the afternoon and finally ending late Saturday night as the low pushed farther away from the middle Atlantic coast.

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

A Winter Weather Advisory was issued at 300 PM on Friday January 29th for Sussex County and the nearby coastal areas in Delaware and Talbot and Caroline Counties in Maryland. A Winter Storm Warning was issued at 416 AM on Saturday January 30th for Kent and Sussex Counties and the nearby coastal areas in Delaware; Kent, Queen Annes, Talbot and Caroline Counties in Maryland and Cape May County and the nearby coastal areas in New Jersey. Also, a Winter Weather Advisory was issued at 416 AM for New Castle County in Delaware, Cecil County in Maryland, and Salem, Gloucester, Camden, Ocean, Cumberland, Atlantic and Southeastern Burlington Counties and the nearby coastal areas in New Jersey. At 500 PM, the advisory was upgraded to a warning for New Castle County in Delaware, Cecil County in Maryland and Cumberland and Atlantic Counties and the nearby coastal areas in New Jersey.

At 634 PM the advisory was upgraded to a warning for Salem, Gloucester, Ocean and Southeastern Burlington Counties in New Jersey. Also, a Winter Weather Advisory was issued at 634 PM for Northwestern Burlington County in New Jersey and Chester, Delaware, Montgomery and Philadelphia Counties in Pennsylvania. At 1224 AM on Sunday January 31st, the Winter Storm Warning was cancelled for New Castle County in Delaware, Cecil and Kent Counties in Maryland, and Salem and Gloucester Counties in New Jersey. Also, the Winter Storm Advisory was cancelled for Camden and Northwestern Burlington Counties in New Jersey and Chester, Montgomery, Delaware and Philadelphia Counties in Pennsylvania. At 1243 AM the warning was cancelled for Queen Annes, Talbot and Caroline Counties in Maryland and Ocean and Southeastern Burlington Counties in New Jersey. At 315 AM the remaining warnings were cancelled.

**Precipitation/Temperatures/Winds**

All precipitation was in the form of snow as temperatures struggled to even reach the 20s across the region. Snow began falling just before 1000AM on Saturday morning and spread north and east across the region. A very defined line of snow/no snow could be seen across southeast PA and into central NJ, which shifted slightly northward, throughout the course of the storm.

Snowfall totals were highest across the southern areas with generally 5 to 11 inches reported through Delaware, the Maryland eastern shore and Southern New Jersey. The amounts lessened as you traveled northward with only 2.1 inches in Philadelphia, 1.2 inches in Mount Holly (Burlington County) and 0.1 inches in Hightstown (Mercer County, NJ).

**Significant Impacts/Aspects**

No major impacts were noted with this storm other than the usual traffic accidents and scattered power outages associated with inclement weather.

NOUS41 KPHI 311620  
PNSPHI  
DEZ001>004-MDZ008-012-015-019-020-NJZ001-007>010-012>027-PAZ054-055-  
060>062-067>071-010358-

PUBLIC INFORMATION STATEMENT  
SPOTTER REPORTS  
NATIONAL WEATHER SERVICE MOUNT HOLLY NJ  
1120 AM EST SUN JAN 31 2010

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS TAKEN DURING THE PAST 24 HOURS FOR THE STORM THAT AFFECTED 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...

WOODSIDE	5.9	531	PM	1/30
DOVER	5.0	551	PM	1/30

...NEW CASTLE COUNTY...

NEWARK	5.0	700	AM	1/31
BEAR	4.3	1200	AM	1/31
CARAVEL FARMS	4.3	700	AM	1/31
NEW CASTLE COUNTY ARPT	4.3	1200	AM	1/31
NEWPORT	2.2	700	AM	1/31
CLAYMONT	1.8	731	PM	1/30

...SUSSEX COUNTY...

FRANKFORD	11.3	1030	PM	1/30
LEWES	9.6	630	AM	1/31
BRIDGEVILLE	8.0	815	AM	1/31
MILFORD	7.8	1024	PM	1/30
DELMAR	7.0	703	PM	1/30

MARYLAND

...CAROLINE COUNTY...

GREENSBORO	7.5	700	AM	1/31
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...CECIL COUNTY...

COLORA	5.5	900	PM	1/30
PORT HERMAN	5.0	952	PM	1/30
PORT DEPOSIT	4.3	300	PM	1/30
ELKTON	4.0	700	AM	1/31

...KENT COUNTY...

MILLINGTON	8.0	800	AM	1/31
ROCK HALL	7.5	1100	PM	1/30
CHESTERTOWN	7.0	530	PM	1/30
FAIRLEE	6.0	700	AM	1/31

...QUEEN ANNE`S COUNTY...

KENT ISLAND	8.3	1026	PM	1/30
QUEENSTOWN	6.0	1027	PM	1/30

...TALBOT COUNTY...

ROYAL OAK	10.5	1000	PM	1/30
EASTON	7.0	850	AM	1/31
SAINT MICHAELS	7.0	850	AM	1/31
TRAPPE	7.0	850	AM	1/31

NEW JERSEY

...ATLANTIC COUNTY...

HAMILTON TOWNSHIP	8.1	700 AM	1/31
ATLANTIC CITY INTL APT	8.0	700 AM	1/31
ESTELL MANOR	8.0	900 AM	1/31
PLEASANTVILLE	8.0	700 AM	1/31
ATLANTIC CITY BOARDWALK	7.3	742 PM	1/30
NORTHFIELD	7.0	746 PM	1/30
SOMERS POINT	7.0	745 PM	1/30
LINWOOD	6.0	632 PM	1/30
HAMMONTON	5.6	700 AM	1/31
FOLSOM	5.5	642 PM	1/30

...BURLINGTON COUNTY...

TABERNACLE	2.7	1000 PM	1/30
MEDFORD	2.0	1130 PM	1/30
MOORESTOWN	2.0	200 AM	1/31
MAPLE SHADE	1.8	900 PM	1/30
SOUTHAMPTON	1.8	1045 PM	1/30
MOUNT LAUREL	1.7	700 AM	1/31
MOUNT HOLLY NWS	1.2	700 AM	1/31
WRIGHTSTOWN	1.0	700 AM	1/31
BURLINGTON	0.5	700 AM	1/31
CHESTERFIELD	0.5	200 AM	1/31

...CAMDEN COUNTY...

BLACKWOOD	3.5	1100 PM	1/30
ERIAL	3.0	917 PM	1/30
WINSLOW	2.3	700 AM	1/31
LINDENWOLD	2.1	1115 PM	1/30
SOMERDALE	1.4	700 AM	1/31
MERCHANTVILLE	1.0	840 AM	1/31

...CAPE MAY COUNTY...

ERMA	10.0	815 AM	1/31
LOWER TOWNSHIP	10.0	700 AM	1/31
CAPE MAY	9.9	910 AM	1/31
MIDDLE TOWNSHIP	9.5	700 AM	1/31
GREEN CREEK	9.5	815 AM	1/31
NORTH CAPE MAY	9.5	915 PM	1/30
SCOTCH BONNET	9.5	920 PM	1/30
WILDWOOD CREST	8.6	815 AM	1/31
SEAVILLE	8.5	920 PM	1/30
WEST CAPE MAY	8.5	920 PM	1/30
WILDWOOD	8.5	815 AM	1/31
CAPE MAY COURT HOUSE	8.3	920 PM	1/30
SWAINTON	7.5	200 AM	1/31
OCEAN CITY	7.0	629 PM	1/30
BEESELEYS POINT	6.8	830 PM	1/30
WOODBINE	6.8	815 AM	1/31

PETERSBURG	6.0	637 PM	1/30
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...CUMBERLAND COUNTY...

VINELAND	6.8	730 PM	1/30
NEWPORT	5.9	1000 PM	1/30
BRIDGETON	5.3	840 PM	1/30
UPPER DEERFIELD	3.3	700 AM	1/31

...GLOUCESTER COUNTY...

FRANKLIN TOWNSHIP	5.5	700 AM	1/31
MALAGA	5.5	800 AM	1/31
SWEDESBORO	4.0	200 AM	1/31
GLASSBORO	3.0	735 AM	1/31
MANTUA	2.3	100 AM	1/31
NATIONAL PARK	2.1	1200 AM	1/31
WOODBURY	1.4	800 PM	1/30
WEST DEPTFORD	1.0	700 AM	1/31

...MERCER COUNTY...

EWING	0.2	700 PM	1/30
HIGHTSTOWN	0.1	700 AM	1/31

...MIDDLESEX COUNTY...

MILLTOWN	T	200 AM	1/31
OLD BRIDGE	T	200 AM	1/31

...MONMOUTH COUNTY...

HOWELL TWP	1.0	200 AM	1/31
WAYSIDE	1.0	825 AM	1/31
CREAM RIDGE	0.9	926 PM	1/30
FREEHOLD	0.5	200 AM	1/31
MANASQUAN	0.5	700 AM	1/31
RED BANK	0.3	700 AM	1/31
EATONTOWN	0.2	700 AM	1/31
HOLMDEL	T	200 AM	1/31

...OCEAN COUNTY...

NORTH BEACH HAVEN	5.1	605 PM	1/30
BARNEGAT	4.5	200 AM	1/31
MANAHAWKIN	3.2	910 PM	1/30
HARVEY CEDARS	3.0	910 PM	1/30
MYSTIC ISLANDS	3.0	325 PM	1/30
BRICK TOWNSHIP	2.0	1200 AM	1/31
BAYVILLE	1.5	910 PM	1/30
TOMS RIVER	1.5	805 PM	1/30
BERKELEY TOWNSHIP	1.4	700 AM	1/31
BAMBERG LAKES	1.3	910 PM	1/30
POINT PLEASANT BEACH	1.0	700 AM	1/31

WHITING	1.0	910	PM	1/30
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...SALEM COUNTY...

PITTSBORO	5.1	616	PM	1/30
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QUINTON	4.1	609	PM	1/30
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PENNSYLVANIA

...BUCKS COUNTY...

NESHAMINY FALLS		T	1200	AM	1/31
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...CHESTER COUNTY...

KENNETT SQUARE	1.3	806	PM	1/30
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EXTON	1.0	516	PM	1/30
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WEST CHESTER	1.0	900	AM	1/31
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UNIONVILLE	0.7	700	AM	1/31
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GLENMOORE	0.3	700	AM	1/31
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...DELAWARE COUNTY...

CLIFTON HEIGHTS	1.6	832	PM	1/30
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DREXEL HILL	1.3	845	PM	1/30
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...MONTGOMERY COUNTY...

WYNNEWOOD	1.2	1200	AM	1/31
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ELKINS PARK	0.5	1105	PM	1/30
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...PHILADELPHIA COUNTY...

PHILADELPHIA INTL ARPT	2.1	1200	AM	1/31
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PHILA. FRANKLIN INST	0.5	930	AM	1/31
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SOMERTON	0.3	230	AM	1/31
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