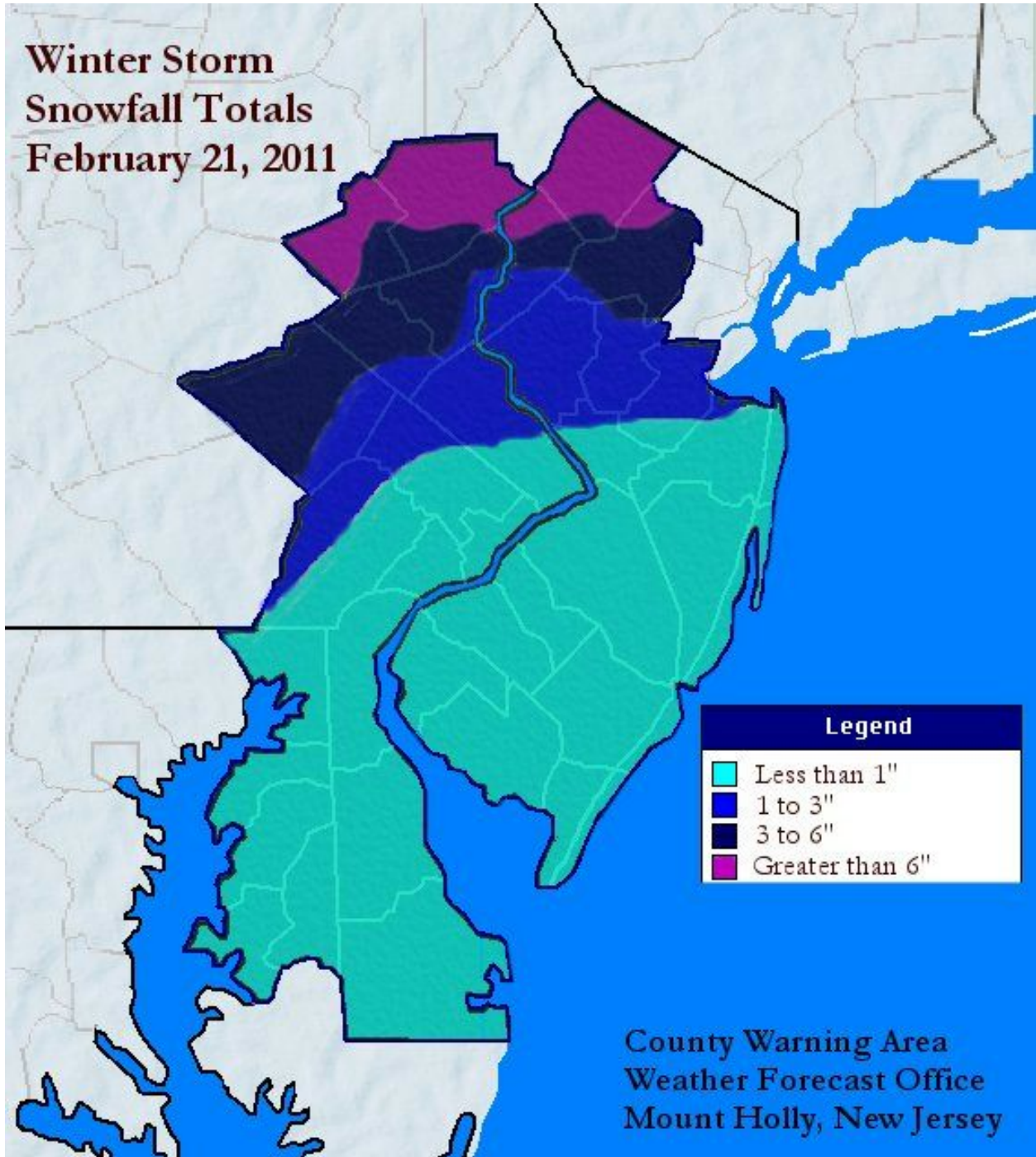


**Winter Storm
Snowfall Totals
February 21, 2011**



NOUS41 KPHI 211445

PNSPHI

DEZ001>004-MDZ008-012-015-019-020-NJZ001-007>010-012>027-PAZ054-055-
060>062-067>071-220245-

PUBLIC INFORMATION STATEMENT
SPOTTER REPORTS

NATIONAL WEATHER SERVICE MOUNT HOLLY NJ
945 AM EST MON FEB 21 2011

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS TAKEN DURING THE PAST 10 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 SNOWFALL /INCHES/	TIME/DATE OF MEASUREMENT	COMMENTS
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DELAWARE

...NEW CASTLE COUNTY...

BEAR	T	100 AM 2/21	
WILMINGTON AIRPORT	T	100 AM 2/21	

NEW JERSEY

...ATLANTIC COUNTY...

PLEASANTVILLE	0.1	700 AM 2/21	
ATLANTIC CITY AIRPOR	0.1	700 AM 2/21	

...BURLINGTON COUNTY...

FLORENCE	0.5	500 AM 2/21	
WRIGHTSTOWN	0.2	700 AM 2/21	
MOUNT HOLLY WFO	0.1	700 AM 2/21	
MOUNT LAUREL	T	700 AM 2/21	

...GLOUCESTER COUNTY...

NATIONAL PARK	T	700 AM 2/21	
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...HUNTERDON COUNTY...

WHITEHOUSE STATION	2.2	725 AM 2/21	
2 NW WHITEHOUSE STAT	1.8	755 AM 2/21	
FLEMINGTON	1.8	830 AM 2/21	
WERTSVILLE	0.8	730 AM 2/21	

...MERCER COUNTY...

EWING	0.4	710 AM 2/21	
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...MIDDLESEX COUNTY...

METUCHEN	1.1	608 AM 2/21	
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NEW BRUNSWICK	1.0	800 AM	2/21
...MONMOUTH COUNTY...			
FREEHOLD	T	800 AM	2/21
...MORRIS COUNTY...			
BUTLER	7.8	814 AM	2/21
1 NNE PETERSBURG	7.0	756 AM	2/21
MARCELLA	6.7	837 AM	2/21
BOONTON	5.0	900 AM	2/21
ROCKAWAY	4.0	730 AM	2/21
...SOMERSET COUNTY...			
POTTERSVILLE	3.2	700 AM	2/21
BEDMINSTER	2.0	757 AM	2/21
BRIDGEWATER TWP	1.8	859 AM	2/21
SOMERVILLE	1.5	730 AM	2/21
HILLSBOROUGH	1.0	757 AM	2/21
...SUSSEX COUNTY...			
NEWTON	8.0	850 AM	2/21
WANTAGE	6.8	809 AM	2/21
SPARTA	6.3	830 AM	2/21
FREDON	6.0	818 AM	2/21
...WARREN COUNTY...			
BLAIRSTOWN	6.2	819 AM	2/21
BELVIDERE	4.0	755 AM	2/21
HACKETTSTOWN	3.5	735 AM	2/21
PHILLIPSBURG	2.5	708 AM	2/21
STEWARTSVILLE	2.4	715 AM	2/21
PENNSYLVANIA			
...BERKS COUNTY...			
KUTZTOWN	2.4	910 AM	2/21
HAMBURG	0.1	800 AM	2/21
...BUCKS COUNTY...			
SPRINGTOWN	1.6	700 AM	2/21
SELLERSVILLE	1.0	700 AM	2/21
FURLONG	0.7	857 AM	2/21
DOYLESTOWN	0.7	600 AM	2/21
PERKASIE	0.4	700 AM	2/21
...CARBON COUNTY...			
LAKE HARMONY	7.0	908 AM	2/21
LEHIGHTON	4.0	800 AM	2/21

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...CHESTER COUNTY...
  SPRING CITY          0.1   650 AM  2/21

...LEHIGH COUNTY...
  WERLEYS CORNER      2.5   900 AM  2/21
  ALLENTOWN           2.2   700 AM  2/21
  ALLENTOWN AIRPORT   2.2   700 AM  2/21

...MONROE COUNTY...
  TOBYHANNA          9.3   915 AM  2/21

...MONTGOMERY COUNTY...
  ROYERSFORD          0.2   921 AM  2/21

...NORTHAMPTON COUNTY...
  BATH                4.5   900 AM  2/21
  BANGOR              4.3   911 AM  2/21
  EASTON              3.0   756 AM  2/21

...PHILADELPHIA COUNTY...
  PHILADELPHIA INTL AI  T    700 AM  2/21

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

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

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...BURLINGTON COUNTY...
  2 E BURLINGTON      0.1   800 AM  2/21  COCORAHS

...HUNTERDON COUNTY...
  1 NW CALIFON        3.1   800 AM  2/21  COCORAHS
  1 S BETHLEHEM TWP   3.0   630 AM  2/21  COCORAHS
  3 N LEBANON         2.5   630 AM  2/21  COCORAHS
  4 N CLINTON TWP     2.5   800 AM  2/21  COCORAHS
  3 NNE HOLLAND TWP   2.3   630 AM  2/21  COCORAHS
  3 SW LEBANON        2.0   700 AM  2/21  COCORAHS
  2 ENE READINGTON TWP 1.9   700 AM  2/21  COCORAHS
  E FLEMINGTON        1.3   630 AM  2/21  COCORAHS
  2 E FLEMINGTON      1.2   800 AM  2/21  COCORAHS
  4 NNW STOCKTON      1.2   700 AM  2/21  COCORAHS

...MERCER COUNTY...

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1 NNW LAWRENCE TWP	0.6	530 AM	2/21	COCORAHS
1 ENE PENNINGTON	0.4	810 AM	2/21	COCORAHS
1 ESE EWING TWP	0.4	659 AM	2/21	COCORAHS
2 SSW LAWRENCE TWP	0.3	720 AM	2/21	COCORAHS
...MIDDLESEX COUNTY...				
2 W NORTH BRUNSWICK	0.8	700 AM	2/21	COCORAHS
...MONMOUTH COUNTY...				
1 NW RED BANK	0.1	700 AM	2/21	COCORAHS
...MORRIS COUNTY...				
2 ENE JEFFERSON TWP	7.7	800 AM	2/21	COCORAHS
2 E PARSIPPANY-TROY	5.0	800 AM	2/21	COCORAHS
1 W RANDOLPH TWP	5.0	810 AM	2/21	COCORAHS
2 SSE BOONTON TWP	5.0	800 AM	2/21	COCORAHS
NNW ROCKAWAY	4.2	800 AM	2/21	COCORAHS
2 S ROXBURY TWP	3.9	700 AM	2/21	COCORAHS
3 NNW HARDING TWP	3.0	700 AM	2/21	COCORAHS
1 NW CHATHAM	3.0	700 AM	2/21	COCORAHS
...SOMERSET COUNTY...				
1 NW BERNARDS TWP	3.0	700 AM	2/21	COCORAHS
3 NW BRIDGEWATER TWP	2.0	700 AM	2/21	COCORAHS
4 ENE FRANKLIN TWP	1.1	700 AM	2/21	COCORAHS
5 ESE HILLSBOROUGH T	1.0	700 AM	2/21	COCORAHS
...SUSSEX COUNTY...				
2 SE WANTAGE TWP	7.0	700 AM	2/21	COCORAHS
...WARREN COUNTY...				
2 SE BLAIRSTOWN TWP	5.2	700 AM	2/21	COCORAHS
1 W HACKETTSTOWN	3.5	700 AM	2/21	COCORAHS
3 WNW MANSFIELD TWP	3.0	700 AM	2/21	COCORAHS
2 S GREENWICH TWP	2.4	700 AM	2/21	COCORAHS

PENNSYLVANIA

...BERKS COUNTY...				
2 ESE FLEETWOOD	0.9	800 AM	2/21	COCORAHS
3 SSW MOHNTON	0.3	800 AM	2/21	COCORAHS
1 SSE WEST LAWN	0.3	700 AM	2/21	COCORAHS
...CARBON COUNTY...				
1 NNE JIM THORPE	4.3	730 AM	2/21	COCORAHS
3 WSW LEHIGHTON	4.3	700 AM	2/21	COCORAHS
4 NE PALMERTON	4.2	745 AM	2/21	COCORAHS

...CHESTER COUNTY...					
1	SSW SPRING CITY	0.1	700 AM	2/21	COCORAHS
...LEHIGH COUNTY...					
4	W ALLENTOWN	2.0	800 AM	2/21	COCORAHS
...MONTGOMERY COUNTY...					
3	SSW KULPSVILLE	0.3	700 AM	2/21	COCORAHS
...NORTHAMPTON COUNTY...					
E	MARTINS CREEK	3.1	700 AM	2/21	COCORAHS
4	S GLENDON	2.0	700 AM	2/21	COCORAHS

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WINTER STORM SUMMARY FOR FEBRUARY 21, 2011 EVENT

Synopsis

An area of low pressure, located over the Southern Plains, began to move towards the northeast early on Sunday February 20th. High pressure remained fairly entrenched across the Eastern Seaboard while a weak surface trough of low pressure extended from the east coast through the mid-west. An associated warm front extended east from the center of the low pressure while a cold front draped towards the southwest through New Mexico.

The high pressure started to retreat late on Sunday and allowed the warm front to near by very early Monday morning. Precipitation started shortly after midnight in Central and Southeastern Pennsylvania as a rain/snow/sleet mix, but eventually became all snow a few hours later and spread towards the northeast. By late in the morning the snow had come to end over the far northern counties where the largest accumulations had occurred.

Watches/Warnings/Advisories

At 332AM on Sunday February 20th the first Winter Weather Advisory was issued for the following areas: Carbon and Monroe in Pennsylvania; Sussex in New Jersey. At 412PM on the 20th the Winter Weather Advisory was upgraded to a Winter Storm Warning for Carbon and Monroe counties in Pennsylvania. Also at 412PM on the 20th the Winter Weather Advisory was expanded to include the following areas: Warren, Morris, Hunterdon, Somerset, and Middlesex in New Jersey; Berks, Lehigh, and Northampton in Pennsylvania; Sussex county New Jersey remained in the Advisory. At 829PM on the 20th the Winter Weather Advisory was expanded even further to cover the following areas: Chester, Bucks, and Montgomery in Pennsylvania; Mercer and Western Monmouth in New Jersey.

At 640AM on February 21st the Winter Weather Advisory was canceled for the following areas: Chester in Pennsylvania; Mercer, Middlesex, and Western Monmouth in New Jersey. Finally at 1026AM on the 21st, the Winter Weather Advisory was canceled for the following areas: Sussex, Warren, Morris, Hunterdon, and Somerset in New Jersey; Berks, Lehigh, and Northampton in Pennsylvania. The Winter Weather Advisory was allowed to expire for Montgomery and Bucks in Pennsylvania and the Winter Storm Warning was canceled for Carbon and Monroe counties in Pennsylvania.

Precipitation/Temperatures/Winds

The precipitation shield moved in late on Sunday night and slowly spread from the southwest towards the northeast continuing into the early morning hours on Monday the 20th. With a warm front providing a majority of the vertical lift and drawing moisture up from the south a mixture of rain/snow/sleet began to fall in the Philadelphia metro area. By about 1AM, more moderate precipitation bands were moving through SE PA and Central NJ and were generating a light snowfall accumulation. As warmer air aloft continued to move into the region from the south a changeover to a snow/sleet mix occurred a few hours later. Due to this changeover and the more moderate precipitation working its way towards the northeast, very light accumulations were experienced from I-195 southward with totals less than an inch. Heading further north, where the cold air was in place a lot longer and where the warm front never actually made it, snowfall amounts ranged from 3 to 6 inches in the Lehigh Valley and Northwest New Jersey...the highest amounts were seen in the higher elevations in Sussex and Morris in New Jersey and the Pocono Mountains.

Significant Impacts/Aspects

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

Notes

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