Northeast Winter Storm (Nor'easter) April 15-16,2007

The Storm of April 15-16, 2007

Low pressure developed over Texas on Friday the 13th, it moved across the Tennessee River Valley on Saturday, April 14th, and over the lower Appalachians on Saturday night. The low continued to intensify as it drifted to the northeast, passing off the Virginia Capes late on Sunday, April 15th. The center of the storm moved northward over the coastal waters of Delaware and New Jersey on Sunday night before reaching the New York City area on Monday morning, April 16th.

Heavy rain began to fall in much of eastern Pennsylvania, northeastern Maryland, Delaware and New Jersey late on Saturday night. The precipitation began as a period of light snow in the higher elevations of the Pocono region before changing to rain on Sunday morning.

The heavy rain continued through the day on Sunday and into Sunday night. Rainfall totals ranged from 3 to 7 inches in the region. Totals were slightly lower along the New Jersey coast, where they were mainly between 2 and 4 inches

The heavy rain resulted in widespread flooding. Most of eastern Pennsylvania and the far upper Delmarva region had been under a flood watch since Friday afternoon, along with northern, central and southwestern New Jersey. Southeastern New Jersey, central and southern Delaware, and the rest of northeastern Maryland were added to the flood watch around noontime on Saturday. The first flood warnings were issued in the early morning hours of Sunday.

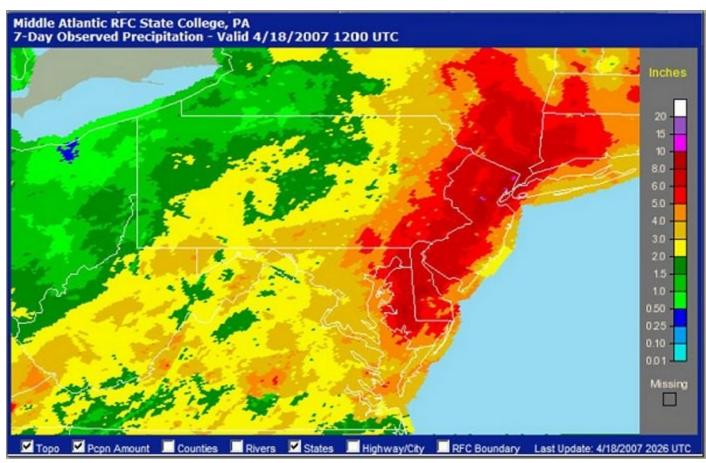
A number of locations experienced near record flooding. Around noontime on Monday, the Raritan River crested at Bound Brook at 38.4 feet, the second highest on record. On Monday afternoon, the Millstone River crested at Blackwells Mills at 19.2 feet, the second highest on record. Also on Monday afternoon, the Assunpink Creek crested at Trenton at 13.3 feet, the fourth highest on record. On Tuesday night, the Passaic River crested at Little Falls at 11.9 feet, the third highest on record.

The heavy rain resulted in significant rises along the main stem of the Delaware River. However, the river crested just below flood stage at most locations on Monday night.

In addition to the flooding on streams, creeks and rivers, there was tidal flooding along the coasts of New Jersey and Delaware, along Delaware Bay and on the tidal portion of the Delaware River. There was widespread minor tidal flooding for a number of tide cycles, beginning on Sunday evening, especially along the New Jersey shore. As cold air began to wrap around the storm and into the region on Sunday night and Monday, the rain changed to snow at many locations. Parts of Carbon, Monroe, Northampton, Lehigh, Berks, Chester, Montgomery, Bucks and Delaware Counties in Pennsylvania picked up an inch or two of snow early on Monday morning. Many location from Philadelphia south and east, as well as parts of northern and central New Jersey, received anywhere from a trace to an inch of snow at that time. Meanwhile, in the higher elevations of the Poconos, mainly above 1500 feet, up to 4 to 7 inches of snow fell from Sunday night into Monday.

The strongest winds associated with the storm were on the morning of the 16th as the low moved up over the New York City area. Peak wind gusts were generally in the 40 to 50 mph range in New Jersey, Delaware, eastern Pennsylvania and northeastern Maryland. Gusts were a little higher along the coast and near Delaware Bay, mainly from 50 to 60 mph.

A record low barometric pressure for the month of April was recorded at Philadelphia. The pressure bottomed out at 28.82 inches at 4:33 am on Monday. The previous record was 28.91 inches set on April 2, 1970.



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PUBLIC INFORMATION STATEMENT

SPOTTER REPORTS

NATIONAL WEATHER SERVICE MOUNT HOLLY NJ

1225 PM EDT TUE APR 17 2007

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS FOR THE STORM THAT HAS 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

**************************************	RAINFALL**************
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******	***STORM	TOTAL	_ RAI1	NFAL]	_****	* * * * * * * * * *
LOCATION	STORM TOTAL RAINFALL (INCHES)			OF		COMMENTS
	(11/0	,11110 /	1.111111	ЭОПП	.11111	
DELAWARE						
KENT COUNTY DOVER DOVER AFB		4.04				
NEW CASTLE COURTER BEAR WILMINGTON AIR NEWARK		5.05 4.87 4.77	800	AM	4/16	
SUSSEX COUNTY. LINCOLN		2.80	730	AM	4/16	
MARYLAND						
CAROLINE COUNT AMERICAN CORNE		5.63	626	AM	4/16	
CECIL COUNTY CONOWINGO DAM		3.37	946	AM	4/16	
QUEEN ANNE'S CO		3.50	1030	AM	4/16	
NEW JERSEY						
ATLANTIC COUNT HAMMONTON ATLANTIC CITY		4.94 2.59	330 200	PM PM	4/16 4/16	
BURLINGTON COUNTABERNACLE SOUTHAMPTON MOUNT HOLLY NW. MOUNT HOLLY AIX WILLINGBORO	S	6.30 6.20 6.08 5.78 5.74	300 200 200	PM PM	4/16 4/16 4/16	
CAMDEN COUNTY. BLACKWOOD		4.26	1030	AM	4/16	
CAPE MAY COUNT WOODBINE OCEAN VIEW SEAVILLE SEAVILLE CAPE MAY COURT FISHING CREEK GREEN CREEK WEST CAPE MAY		3.00 2.45 2.43 2.36 2.13 1.95 1.92 1.85	530 930 930 930 930 930	AM AM AM AM AM AM	4/16 4/16 4/16 4/16 4/16 4/16 4/16 4/16	

ELDORA WILDWOOD SCOTCH BONNET ERMA	1.79 1.71 1.69 1.59	930 . 930 .	AM AM	4/16 4/16 4/16 4/16
CUMBERLAND COUNTY VINELAND NEWPORT BRIDGETON SHILOH LEESBURG	4.00	930 700 1015 1015 1015	AM AM AM	4/17 4/16 4/16
GLOUCESTER COUNTY GLASSBORO MULLICA HILL		530 940		
HUNTERDON COUNTY LAMBERTVILLE ANNANDALE LEBANON RINGOES WERTSVILLE TEWKSBURY	7.25 6.24 5.95 5.50 4.85 3.95	938 . 705 . 900 . 800 .	AM AM AM AM	
MERCER COUNTY MERCERVILLE TRENTON AIRPORT	5.54 5.42	730 200		4/17 4/16
MIDDLESEX COUNTY METUCHEN	5.63	1215	PM	4/16
MONMOUTH COUNTY CREAM RIDGE OCEANPORT MANASQUAN BELMAR AIRPORT	3.00 2.38	721 713 830 200	AM AM	4/16 4/16
MORRIS COUNTY OAK RIDGE	4.60	830 .	AM	4/16
OCEAN COUNTY BEACHWOOD BRICK	3.76 2.65	442 500		4/16 4/16
SOMERSET COUNTY SOMERSET HILLSBOROUGH SOMERVILLE AIRPORT	6.73 6.27 4.92		PM	4/16
SUSSEX COUNTY WANTAGE NEWTON ANDOVER AIRPORT SUSSEX AIRPORT LIBERTYVILLE	6.17 5.48 5.08 4.89 4.60	630 200 400	PM PM PM	4/16

WARREN COUNTY STEWARTSVILLE BELVIDERE	5.74 3.41				
PENNSYLVANIA					
BERKS COUNTY SCARLETS MILL FLEETWOOD READING AIRPORT	3.70 3.03 2.69	1130	AM	4/16	
BUCKS COUNTY MORRISVILLE FURLONG DOYLESTOWN AIRPORT	5.60 5.47 5.26	1215	PM	4/16	
CHESTER COUNTY GLENMOORE COATESVILLE	4.19 3.65				
DELAWARE COUNTY MEDIA BOOTHWYN DREXEL HILL	6.04 6.00 5.60	745	AM	4/16	
LEHIGH COUNTY ALLENTOWN AIRPORT SLATINGTON	3.16 2.23				
MONTGOMERY COUNTY. NORRISTOWN SOUDERTON WYNNEWOOD EAGLEVILLE HATBORO POTTSTOWN	5.63 4.99 4.69 4.67 4.44 4.11	830 530 300 519	AM AM PM AM	4/16 4/16 4/16 4/16	
NORTHAMPTON COUNTY GLENDON MARTINS CREEK	5.91 4.44			4/16 4/16	
PHILADELPHIA COUNT ROXBOROUGH NE PHILADELPHIA AR PHILADELPHIA PHILADELPHIA AIRPO	6.22 RPT 5.88 5.82	200 800	PM AM	4/16 4/16	
******	STORM TOTAL	SNOV	VFAL	L****	*****
LOCATION STO	ORM TOTAL SNOWFALL (INCHES)		OF		COMMENTS

DELAWARE

...NEW CASTLE COUNTY...

YORKLYN WILMINGTON AIRPORT	1.0 T	541 800		4/16 4/16
NEW JERSEY				
ATLANTIC COUNTY ATLANTIC CITY AIRPORT HAMMONTON	T T	800 728		4/16 4/16
BURLINGTON COUNTY MOUNT HOLLY NWS SOUTHAMPTON WILLINGBORO	0.4 0.1 T		PM	4/16 4/16 4/16
CUMBERLAND COUNTY VINELAND	1.0	930	AM	4/16
GLOUCESTER COUNTY GLASSBORO	0.5	1000	AM	4/16
MERCER COUNTY EWING	0.5	812	AM	4/16
OCEAN COUNTY BEACHWOOD	Т	1020	AM	4/16
SUSSEX COUNTY HOPATCONG	1.2	100	PM	4/16
PENNSYLVANIA				
BERKS COUNTY BOYERTOWN FREDERICKSVILLE	1.8 1.5	650 525		
BUCKS COUNTY WARMINSTER	0.5	730	AM	4/16
CHESTER COUNTY EAST NANTMEAL COATESVILLE	2.0	758 640	AM AM	4/16 4/16
DELAWARE COUNTY HAVERTOWN DREXEL HILL	1.5 1.5			4/16 4/16
LEHIGH COUNTY ALLENTOWN AIRPORT SLATINGTON	T 1.4			4/16 4/17
MONROE COUNTY BLAKESLEE TOBYHANNA POCONO SUMMIT	7.4 6.0 4.0		PM	4/17 4/16 4/16
MONTGOMERY COUNTY ROSEMONT	1.5	745	AM	4/16

WYNNEWOOD	1.5	720	AM	4/16	
EAGLEVILLE	1.3	720 545	AM	4/16	
NORTHAMPTON COUNTY					
GLENDON	1.8	230	PM	4/16	
PHILADELPHIA COUNTY					
PHILADELPHIA AIRPORT	Т	800	AM	4/16	
******	*PEAK	WIND *	***	*****	*****
			/-		~~
LOCATION PEAK	MIND	.T. T IV	-	A'I'E	COMMENTS
	(MDH)	MEAS	OF	יחותיםותי	
	(MFH)	MEAS	OKE	IME IN I	
DELAWARE					
KENT COUNTY					
DOVER AFB	56	509	ΑM	4/16	
NEW CASTLE COUNTY					
WILMINGTON AIRPORT		_		4/16	
BRANDYWINE LIGHT					
BEAR	53			4/16	
DELAWARE CITY	49	500		4/16	
BLACKBIRD RAMS	44 43	500		4/16	
BLACKBIRD LANDING	43	500 400	MA	4/16	
CHERRY ISLAND	41	400	AM	4/16	
SUSSEX COUNTY					
	41	400	ДΜ	4/16	
LAUREL		1000		-	
REDDEN		1251			
				. = 3	
MARYLAND					
CECIL COUNTY					
CHESAPEAKE CITY	46	1000	AM	4/16	
KENT COUNTY					
TOLCHESTER BEACH	46	600	ΜA	4/16	
TALBOT COUNTY		1000		1/55	
EASTON	48	1206	PM	4/16	
NEW JERSEY					
ATLANTIC COUNTY					
ATLANTIC CITY MARINA	53	1000	AM	4/16	
ATLANTIC CITY AIRPORT	48	619	MA	4/16	
CADE MAN COUNTY					
CAPE MAY HADDOD	60	600	7/ 1/ /	1/10	
CAPE MAY HARBOR CAPE MAY FERRY TERMIN	טט דען	500		4/16	
WILDWOOD AIRPORT	51 LAL	755	∑ M ∀M	4/16	
	44			4/16	
WOODBINE	44	700	AM	4/16	

WOODBINE RAWS	43	1100	AM	4/16
CUMBERLAND COUNTY NEWPORT MILLVILLE AIRPORT UPPER DEERFIELD	55 48 45	302	AM	4/16 4/16 4/16
HUNTERDON COUNTY CALIFON	40	400	AM	4/16
MONMOUTH COUNTY BELMAR AIRPORT KEANSBURG CREAM RIDGE	45	155 700 1208	AM	4/16
OCEAN COUNTY HARVEY CEDARS BARNEGAT LIGHT		600 600		4/16 4/16
PENNSYLVANIA				
BERKS COUNTY READING AIRPORT	46	547	PM	4/16
BUCKS COUNTY DOYLESTOWN AIRPORT	49	423	AM	4/16
CHESTER COUNTY LONDON GROVE GLENMOORE	49 42			
DELAWARE COUNTY DREXEL HILL	51	900	AM	4/16
LEHIGH COUNTY SLATINGTON ALLENTOWN AIRPORT	55 46			4/16 4/16
MONROE COUNTY MOUNT POCONO AIRPORT	52	617	AM	4/16
MONTGOMERY COUNTY WILLOW GROVE NAS	45	428	AM	4/16
PHILADELPHIA COUNTY NE PHILADELPHIA AIRPORT PHILADELPHIA AIRPORT	47 47		AM AM	٠.

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MEOLA/ROBERTSON/GORSE

	EVENT MAG REMARKS	CITY LOCATION		
0915 AM 04/15/2007	FLOOD	DARBY DELAWARE	PA	39.92N 75.26W TRAINED SPOTTER
	BETWEEN COLLINGE AT WALNUT STREET	INDER WATER ON SHARC PALE AND SHARRON HII 'IN DARBY BOROUGH A CREEKS ALSO FLOODIN	LL. DA	RBY CREEK FLOODED OK ROAD IN DARBY
0930 AM 04/15/2007	FLOOD	CHARLESTOWN CECIL		39.58N 75.98W TRAINED SPOTTER
	PEDDLER CREEK. I	D ALONG ROUTE 7 AT RINITY WOODS SUBDIV XPERIENCING YARD AN	'ISION	AND OTHER PARTS
0945 AM 04/15/2007	FLOOD	CHERRY HILL CAMDEN		39.90N 75.00W BROADCAST MEDIA
	ROUTE 70 AND KIN	IGS HIGHWAY CLOSED D	UE TO	HIGH WATER.
1100 AM 04/15/2007	FLOOD	PHILADELPHIA PHILADELPHIA	PA	40.01N 75.13W TRAINED SPOTTER
		OTH STREET AND WOOD N SOUTHWEST PHILADE		
1100 AM 04/15/2007	FLOOD	NEW CASTLE NEW CASTLE		
	TIDAL FLOODING A	LONG RIVER ROAD AND	ROUT	E 9 AT 6TH
1145 AM 04/15/2007	FLOOD	ROXBOROUGH PHILADELPHIA	PA	40.00N 75.22W TRAINED SPOTTER
	URBAN FLOODING A	LONG WITH BASEMENT	FLOOD	ING IN
1200 PM 04/15/2007	FLOOD	10 WSW BRIDGETON CUMBERLAND	NJ	39.37N 75.39W TRAINED SPOTTER
		ON GLADE ROAD, BAY A ACH ROAD AND MATTS I Y.		
1200 PM 04/15/2007			NJ	40.31N 74.02W TRAINED SPOTTER
	STREET AND HIGHW	MAY FLOODING IN THE	OCEAN	PORT AREA.
1250 PM 04/15/2007		2 WSW AVENEL MIDDLESEX		

04/15/2007

FLOODING OF SMALL STREAMS IN WOODBRIDGE TOWNSHIP.

1253 PM 04/15/2007	FLOOD	MACUNGIE LEHIGH	PA	40.52N 75.55W TRAINED SPOTTER
		NG ON THE LITTLE LE2 INCHES OF RAIN W.		
0100 PM 04/15/2007	FLOOD	WILMINGTON NEW CASTLE	DE	39.74N 75.53W TRAINED SPOTTER
	PORTIONS OF NEW MIDNIGHT.	TREAMS OUT OF THEIR CASTLE COUNTY. 2.56	INCH	ES OF RAIN SINCE
0100 PM 04/15/2007	FLOOD	BRYN MAWR MONTGOMERY	PA	40.02N 75.32W TRAINED SPOTTER
	VILLANOVA, A PON	IN THE BYRN MAWR TO D IS ABOUT TO OVERF IN THE AREA ARE VE	LOW A	ND FLOOD NEARBY
0110 PM 04/15/2007	FLOOD	ELKTON CECIL		39.60N 75.82W EMERGENCY MNGR
		TREAMS OUT OF THEIR ONG WITH A FEW ROAD		
0200 PM 04/15/2007	FLOOD			40.96N 74.66W LAW ENFORCEMENT
	SOME ROADWAY FLO	ODING IN AROUND THE	НОРА	TCONG AREA.
0208 PM 04/15/2007	FLOOD		PA	39.90N 75.35W TRAINED SPOTTER
	WATER UP TO THE ITS BANKS.	BOTTOM OF A BRIDGE.	CRUM	CREEK IS OUT OF
0220 PM 04/15/2007	FLOOD			39.94N 75.11W TRAINED SPOTTER
		ADMIRAL WILSON BOUL 6 INCHES OF WATER.		WITH 1 LANE OPEN
0220 PM 04/15/2007	FLOOD	3 SW LINDENWOLD CAMDEN		39.79N 75.03W TRAINED SPOTTER
	FLOODING ALONG T	IMBER CREEK IN GLOU	CESTE	R TOWNSHIP.
0420 PM 04/15/2007	FLOOD	1 N BRASS CASTLE WARREN		40.75N 75.01W TRAINED SPOTTER

THE POHATCONG CREEK IN BROADWAY AT ROUTE 643 HAS OVERFLOWED ITS BANKS AND IS FLOODING OUT THE PHOTACONG CREEK TRAILER PARK. EVACUATIONS WERE REPORTLY IN

PROGRESS.

0530 PM FLOOD EDGEWATER PARK 40.05N 74.91W 04/15/2007 BURLINGTON NJ EMERGENCY MNGR

EMERGENCY MANAGEMENT OFFICIALS REPORTED THAT THE RETENTION PONDS IN EDGEWATER PARK ARE OVERFLOWING AND

FLOODING SOME ROADWAYS.

0530 PM FLOOD LAMBERTVILLE 40.37N 74.94W 04/15/2007 HUNTERDON NJ TRAINED SPOTTER

MINOR FLOODING REPORTED ON THE ALEXHAUKEN CREEK JUST EAST OF LAMBERTVILLE.

0600 PM FLOOD LEVITTOWN 40.15N 74.85W 04/15/2007 BUCKS PA TRAINED SPOTTER

SEVERAL AREAS OF STREET, STREAM, CREEK AS WELL AS POOR DRAINAGE AND BASEMENT FLOODING ACROSS BUCKS COUNTY.

0600 PM FLOOD 2 NNW MEDFORD LAKES 39.88N 74.82W 04/15/2007 BURLINGTON NJ TRAINED SPOTTER

ROAD CLOSURES REPORTED IN MEDFORD TOWNSHIP BECAUSE OF FLOODING.

0615 PM FLOOD EAST BRUNSWICK 40.43N 74.42W 04/15/2007 MIDDLESEX NJ TRAINED SPOTTER

MINOR FLOODING ON THE SOUTH RIVER OF THE SOUTH BRANCH OF THE RARITAN RIVER. THE RIVER IS ABOUT 1 FOOT ABOVE FLOOD STAGE WITH SOME FLOODING OF PARKING LOTS AND COMMERCIAL PROPERTY. HIGHWAY 18 IN EAST BRUNSWICK IS CLOSED DUE TO FLOODING.

0630 PM FLOOD 6 N BELVIDERE 40.91N 75.06W 04/15/2007 WARREN NJ PUBLIC

PARTIAL BLOCKED LANE ON INTERSTATE 80 IN COLUMBIA DUE TO FLOWING WATER ONTO THE ROAD WITH ROCK DEBRIS. TRAFFIC IS REPORTED TO BE STOPPED. NEW INFORMATION AT 845 PM INDICATED FLOWING WATER OVER THE INTERSTATE HAS SLOWED, THE ROCK DEBRIS HAS BEEN CLEARED AND ALL LANES REOPENED. STATE POLICE CONFIRM SOME STANDING WATER STILL ON THE WESTBOUND LANES.

0630 PM FLOOD STROUDSBURG 40.98N 75.20W 04/15/2007 MONROE PA TRAINED SPOTTER

STREAM FLOODING REPORTED NEAR INTERSTATE 80 IN STROUDSBURG.

0700 PM FLOOD MAPLE SHADE 39.95N 75.00W 04/15/2007 BURLINGTON NJ NWS EMPLOYEE

THE PENNSAUKEN CREEK HAS FLOODED ONE ROADWAY IN MAPLE

SHADE.

INCHES.

0715 PM 04/15/2007	FLOOD	PEMBERTON BURLINGTON	NJ	39.97N 74.69W TRAINED SPOTTER
	ROAD FLOODING RE	PORTED IN PEMBERTON	TOWN	SHIP CLOSING
0835 PM 04/15/2007		SEA BRIGHT MONMOUTH		
		ATER IN SEA BRIGHT, IDES AND HEAVY RAIN		
0853 PM 04/15/2007		CHURCHVILLE BUCKS	PA	
	SIGNIFICANT FLOO PARK GAUGE.	DING ON THE NESHAMI	NY CR	REEK AT THE PENNS
0945 PM 04/15/2007		3 N MEDFORD LAKES BURLINGTON		
	ROUTE 70 IS CLOS	EED FROM ROUTE 206 I	O MED	FORD DUE TO
0950 PM 04/15/2007		PINE HILL CAMDEN		39.79N 74.99W TRAINED SPOTTER
	FLOODING CAUSED COLLAPSE IN PINE	A STRUCTURAL WALL C	F A B	BUILDING TO
1005 PM 04/15/2007	FLOOD	MILLVILLE CUMBERLAND	NJ	39.39N 75.05W TRAINED SPOTTER

BASEMENT FLOODING REPORTED IN MILLVILLE. RAINFALL OF 4.10