PHLPNSPHI
PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE MOUNT HOLLY NJ
1230 PM EST TUE FEB 21 2012

TO: SUBSCRIBERS - FAMILY OF SERVICES AND NOAA WEATHER WIRE SERVICE AND
        OTHER NATIONAL WEATHER SERVICE PARTNERS, USERS AND EMPLOYEES

FROM: RAY KRUZDLO - SENIOR SERVICE HYDROLOGIST, NATIONAL WEATHER SERVICE, WEATHER
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SUBJECT: IMPROVED DELAWARE RIVER FLOOD INUNDATION MAPS AND USER INTERFACE

ON FRIDAY, FEBRUARY 3, 2012, THE NATIONAL WEATHER SERVICE (NWS) MIGRATED ALL NINE
DELAWARE RIVER FLOOD INUNDATION MAP LIBRARIES TO GOOGLE MAPS. THESE LIBRARIES CAN BE
FOUND ON THE ADVANCED HYDROLOGIC PREDICTION SERVICE (AHPS) WEB PORTAL.

THE DELAWARE RIVER INUNDATION MAP LIBRARIES PROVIDE DATA FOR PORTIONS OF PENNSYLVANIA,
NEW JERSEY, AND/OR NEW YORK. EACH INUNDATION LIBRARY IS ASSOCIATED WITH A UNITED STATES
GEOLOGICAL SURVEY (USGS) RIVER GAGE/NWS FORECAST POINT. THE MAPPING EXTENDS BOTH NORTH
AND SOUTH OF EACH GAGE.

BESIDES THE TRANSITION TO GOOGLE MAPS, AN IMPROVED INUNDATION MAP INTERFACE WAS ALSO
DEPLOYED.

ENHANCEMENTS INCLUDE IMPROVED MAPS WITH TERRAIN AND TRANSPORTATION LAYERS, HIGHER
RESOLUTION SATELLITE IMAGERY, AND THE INCREASED ABILITY TO ZOOM AND PAN. IN ADDITION, THE
NEW INTERFACE IS MORE INTERACTIVE ALLOWING THE USER TO DEFINE LAYER TRANSPARENCY AND
UTILIZE GEOLOCATION FUNCTIONALITY.

FLOOD INUNDATION MAPS ARE AVAILABLE FOR THE FOLLOWING GAGES/FORECAST POINTS. NO
CHANGES HAVE BEEN MADE TO THE SPATIAL EXTENT OF FLOOD INUNDATION DATA.

GAGE	NJ MUNICIPALITIES	PA MUNICIPALITIES	NY MUNICIPALITIES
TRENTON	TRENTON, EWING	MORRISVILLE, LOWER MAKEFIELD, YARDLEY	
NEW HOPE	EWING, HOPEWELL, WEST AMWELL, LAMBERTVILLE, DELAWARE	UPPER MAKEFIELD, NEW HOPE, SOLEBURY	

STOCKTON	STOCKTON, DELAWARE, KINGWOOD	SOLEBURY, PLUMSTEAD	
FRENCHTOWN	FRENCHTOWN, ALEXANDRIA, MILFORD	TINICUM, BRIDGETON	
REIGELSVILLE	HOLLAND, POHATCONG	DURHAM, REIGELSVILLE, WILLIAMS	
PORT JERVIS	MONTAGUE TOWNSHIP	MATAMORAS WESTFALL TOWNSHIP	PORT JERVIS
MONTAGUE	MONTAGUE TOWNSHIP	MILFORD BOROUGH, MILFORD TOWNSHIP, WESTFALL TOWNSHIP, DINGMAN TOWNSHIP	
BELVIDERE	BELVIDERE, WHITE TOWNSHIP	LOWER MT. BETHEL TOWNSHIP, UPPER MT. BETHEL TOWNSHIP	
EASTON	PHILLIPSBURG, LOPATCONG TOWNSHIP, HARMONY TOWNSHIP	WILLIAMS TOWNSHIP, CITY OF EASTON, FORKS TOWNSHIP, LOWER MT. BETHEL TOWNSHIP	

INUNDATION MAPS PROVIDE INFORMATION ON THE SPATIAL EXTENT AND DEPTH OF FLOOD WATERS IN THE VICINITY OF NWS RIVER FORECAST POINTS. USERS ARE ABLE TO DISPLAY FLOOD INUNDATION MAPS FOR VARIOUS LEVELS RANGING FROM MINOR FLOODING THROUGH AND/OR ABOVE THE LARGEST OBSERVED FLOOD.

FLOOD INUNDATION MAPS, COMBINED WITH RIVER OBSERVATIONS AND NWS FORECASTS, ENHANCE THE COMMUNICATION OF FLOOD RISK, PROVIDE USERS WITH ADDITIONAL INFORMATION TO BETTER MITIGATE THE IMPACTS OF FLOODING, AND BUILD MORE RESILIENT COMMUNITIES.

THESE FLOOD INUNDATION MAPS AND ASSOCIATED GEOSPATIAL DATA (SHAPEFILES) CAN BE ACCESSED THROUGH THE AHPS PORTAL (USE LOWERCASE LETTERS):

HTTP://WATER.WEATHER.GOV/AHPS

A COMPLETE LIST OF FLOOD INUNDATION MAP LOCATIONS IS ONLINE AT (USE LOWER CASE LETTERS):

HTTP://WATER.WEATHER.GOV/AHPS/INUNDATION.PHP

A USERS GUIDE FOR THE FLOOD INUNDATION MAP WEB INTERFACE IS AVAILABLE AT (USE LOWER CASE LETTERS):

HTTP://WWW.WEATHER.GOV/AHPS/INUNDATION/INUNDATION_MAPPING_USER_GUIDE.PDF

THESE INUNDATION MAPS WERE DEVELOPED BY THE PHILADELPHIA DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS, AND MADE AVAILABLE ONLINE THROUGH CONGRESSIONAL AND NOAA GRANT SUPPORT TO THE DELAWARE RIVER BASIN COMMISSION AND NOAA-NWS.

IF YOU HAVE ANY QUESTIONS OR COMMENTS, PLEASE CONTACT:

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