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Public Information Statement

National Weather Service Mount Holly NJ

100 PM EST Thu Dec 5 2019

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Subject: Updated Flood Inundation Maps across the Passaic Basin

Benefiting from new U.S. Army Corps of Engineers (USACE) modeling techniques, the National Weather Service (NWS) was able to update seven flood inundation map libraries across northern New Jersey. Incorporating the new modeling, the length of the seven inundation libraries, or reach, was expanded. The updated inundation libraries are now on the Advanced Hydrologic Prediction Service (AHPS) web portal. In all, thirty-five flood inundation map libraries exist across New Jersey's river basins. Each of them can be viewed on AHPS.

Inundation maps provide information on the spatial extent and depth of flood waters in the vicinity of both river forecast and non-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.

These are the seven updated flood inundation map libraries and the communities they serve.

GAGE	MUNICIPALITIES
Pequannock River at Macopin	Borough of Kinnelon, West Milford Township, Borough of Butler, Borough of Bloomingdale, Borough of Riverdale, Borough of Pompton Lakes
Wanaque River at Wanaque	Borough of Wanaque, Borough of Pompton Lakes, Borough of Riverdale
Pompton River at Pompton Plains	Borough of Riverdale, Pequannock Township, Wayne Township
Passaic River at Pine Brook	Montville Township, Fairfield Township
Passaic River at Singac	Borough of Lincoln Park, Fairfield Township, Little Falls Township, Wayne Township, Borough of Totowa, Montville Township

Passaic River at Little Falls	Wayne Township, Little Falls Township, Borough of Totowa, Borough of Woodland Park, City of Paterson, Borough of Haledon, Borough of Prospect Park, Borough of Fair Lawn
Passaic River at Clifton/Dundee Dam	Borough of Fair Lawn, Borough of Elmwood Park, City of Garfield, City of Clifton, City of Paterson, City of Passaic

Each inundation library is associated with a United States Geological Survey (USGS) river gage and/or NWS forecast point.

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:

<http://water.weather.gov/ahps>

A complete list of flood inundation map location is online at:

<http://water.weather.gov/ahps/inundation.php>

A user's guide for the flood inundation map web interface is available at:

http://water.weather.gov/ahps/inundation_mapping_user_guide.pdf

These inundation maps were developed in partnership with the New Jersey Department of Environmental Protection, the New York and Philadelphia Districts of the U.S. Army Corps of Engineers, the New Jersey U.S. Geological Survey, and made online in cooperation with the Federal Emergency Management Agency Region II.

If you have any questions or comments, please contact:

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