

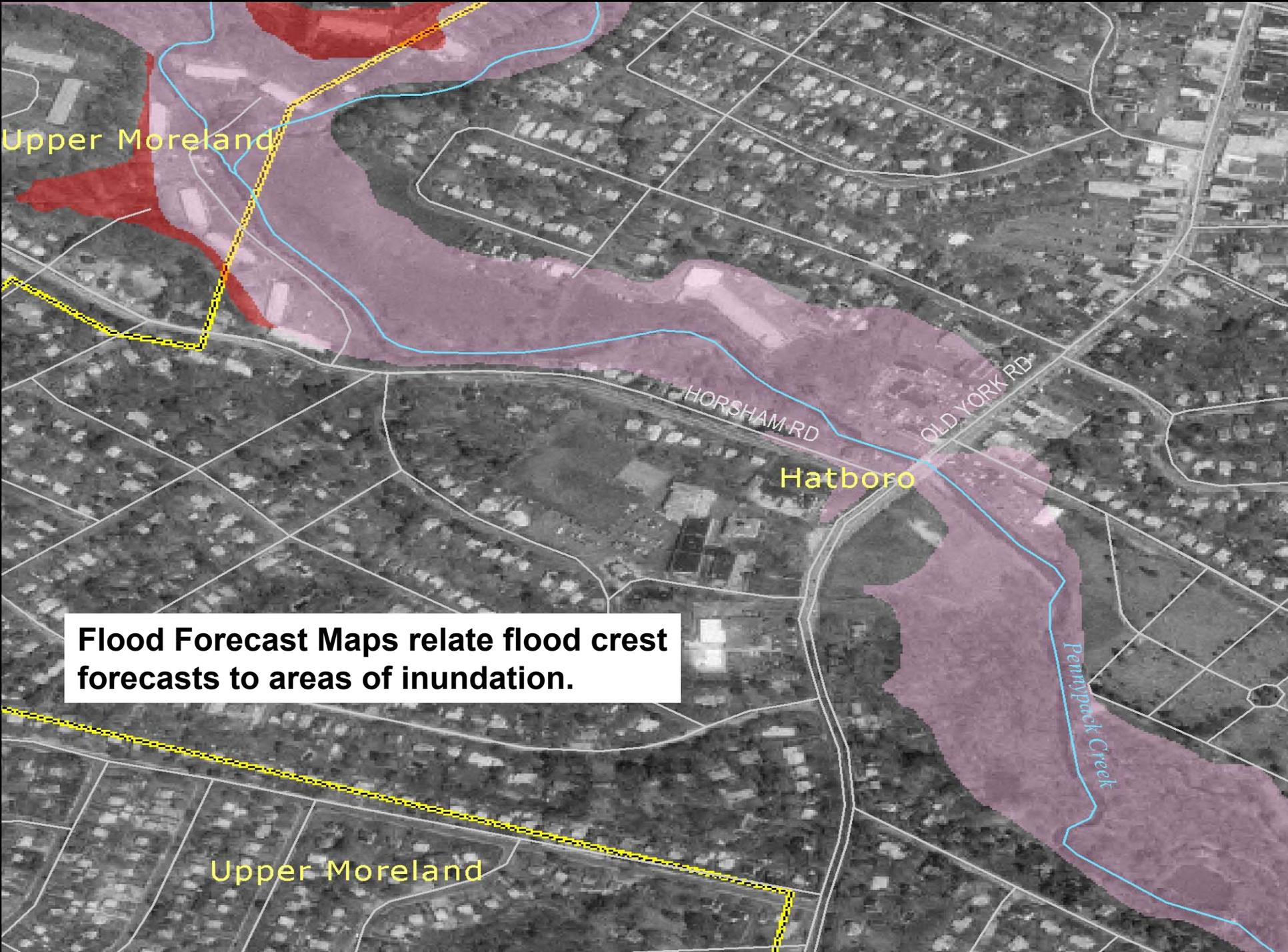
# **Flood Loss Reduction Priorities**

**Carol R. Collier  
Executive Director  
Delaware River Basin Commission**



**1) Implementation of 2002 Flood Warning Recommendations by DRBC Flood Advisory Committee including:**

- \* Expansion of U.S. Geological Survey (USGS) stream and precipitation gage network**
- \* Accelerated development of the Advanced Hydrologic Prediction Services (AHPS) by the National Weather Service**
- \* Increase National Weather Service, USGS, and U.S. Army Corps of Engineers funding for the development of Flood Stage Forecast Maps to be integrated with AHPS.**



Upper Moreland

HORSHAM RD

OLD YORK RD

Hatboro

Pennypack Creek

**Flood Forecast Maps relate flood crest forecasts to areas of inundation.**

Upper Moreland

**2) Increased Funding for Pre-Disaster Mitigation, including development of Flood Hazard Mitigation Plans for compliance with the federal Disaster Mitigation Act of 2000.**



Easton, PA – April 2005 - Photo by Bill Ward – USGS New Jersey Dist.

**3) Update 1984 Delaware River Basin Survey Report by U.S. Army Corps of Engineers as a means of accelerating the completion of flood mitigation plans for the main stem Delaware.**



Stockton, NJ - April 2005 Photo by John Jenks USGS New Jersey District

4) Increased federal funding for flood plain property acquisition and flood proofing.



**5) Target FEMA Map Modernization funds to those municipalities where flood conditions have changed due to development.**



**Yardley, PA - Tropical Storm Ivan - Photograph provided by U.S. Army Corps of Engineers – Philadelphia District**

**6) Strengthen flood plain regulations consistent with “No Adverse Impact” recommendations by the Association of State Floodplain Managers.**





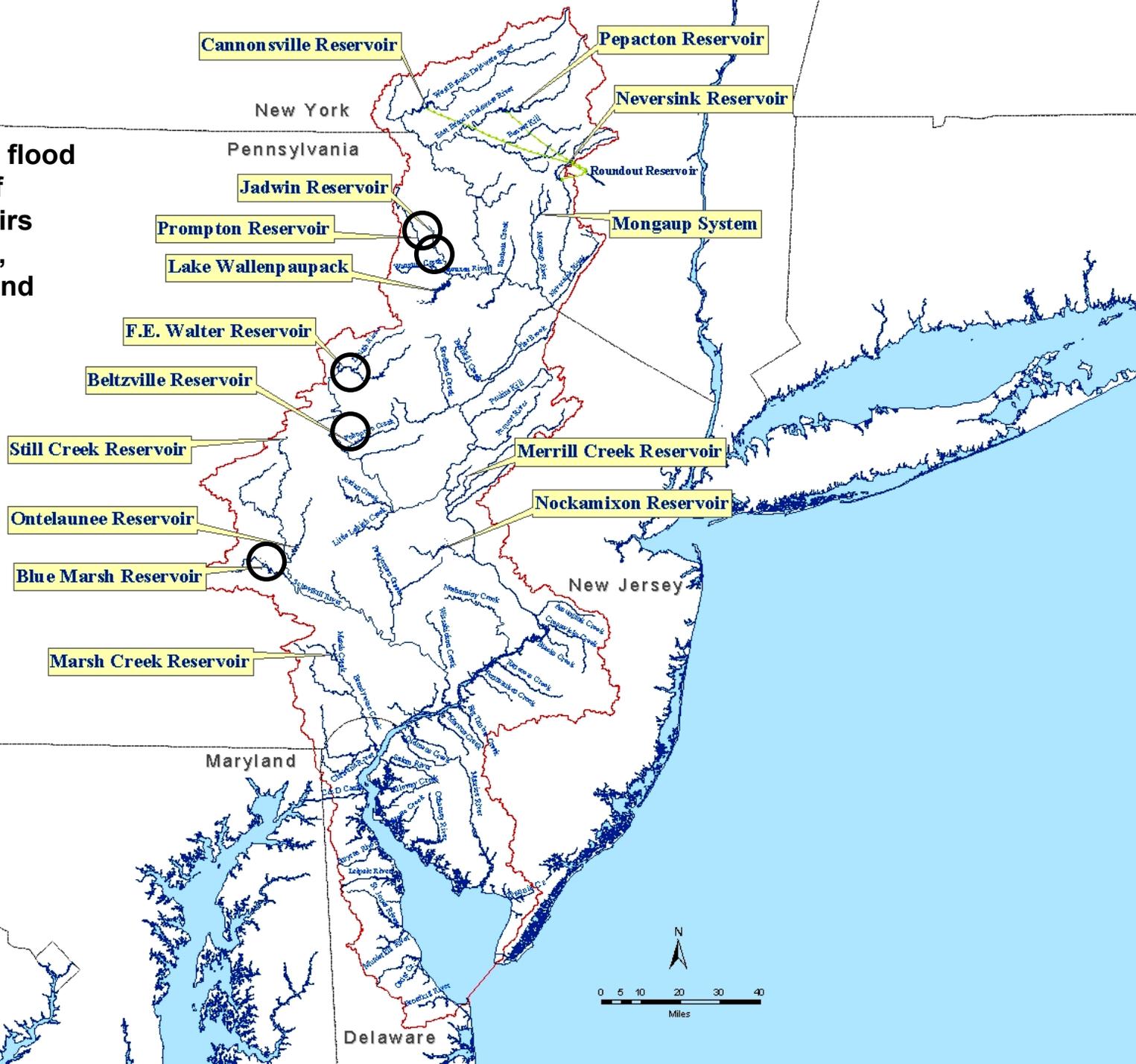
**7) Maintenance of existing flood control structures. Consider new structures only when economically supported and consistent with recreational and ecological objectives.**



Tropical Storm Ivan, Gen'l Jadwin Dam , Wayne County, PA

Photo by Corps of Engineers - Philadelphia

**72 BG of dedicated flood storage in Corps of Engineers' reservoirs (Jadwin, Prompton, Walter, Beltzville, and Blue Marsh)**

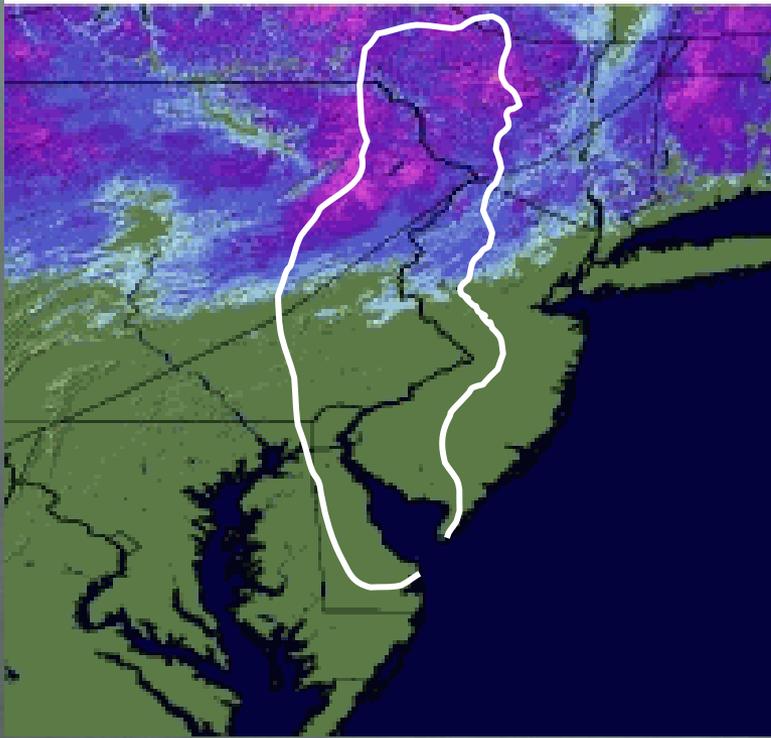


**8) Adoption and enforcement of stormwater management regulations.**





**9) Expansion of flood plain and flood safety education programs.**



**10) Use of snowpack-based storage management programs for water supply reservoirs should be evaluated, while recognizing the limited seasonal availability and marginal risk reduction offered by this type of flood mitigation. Evaluation of such programs must consider the supply risk incurred to the Decree Parties in their implementation. In the upper Delaware River Basin, such programs require unanimous approval of the parties to the 1954 U.S. Supreme Court Decree.**