

A Flood Mitigation Plan for the Non-Tidal N.J. Section of the Delaware River Basin



Sussex County Kick-off Meeting
November 28, 2006

The Delaware River....

crosses many boundaries

- Four states: DE, PA, NJ, NY
- 25 congressional districts
- 2 FEMA Regions
- 2 EPA Regions
- 5 USGS offices
- 42 counties
- 838 municipalities

.... coordination is critical for effective flood loss reduction



September 2004

April 2005

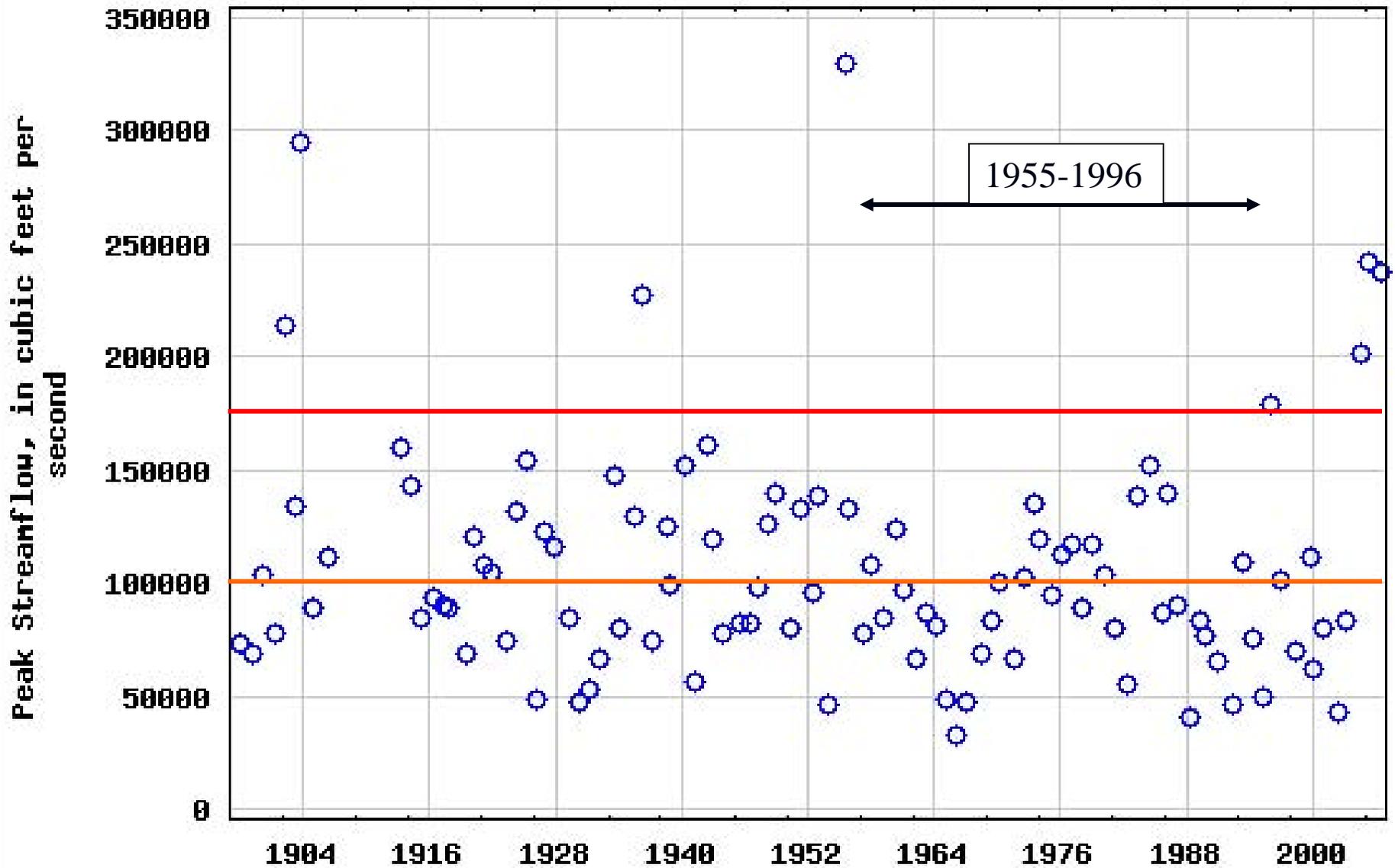
June 2006



Stockton, NJ - April 2005

Three Major Floods along the Main Stem
Delaware River in less than Two Years

USGS 01463500 DELAWARE RIVER AT TRENTON NJ





Comprehensive Flood Mitigation



Current Ongoing Mitigation Measures

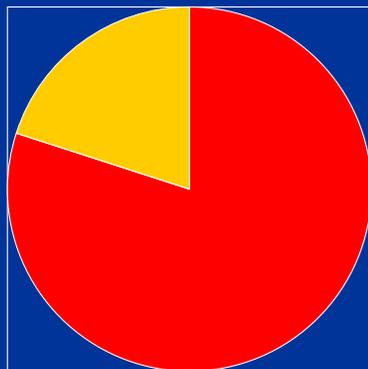
- Delaware River Basin Interstate Flood Mitigation Task Force - DRBC
- Flood Analysis Model – DRBC
- Interim Spill Mitigation Program – DRBC
- Multi-Jurisdictional Use and Management of Water Resources for the Delaware River Basin, NY, PA, NJ & DE – US Army Corps of Engineers
- Delaware River Flood Risk Verification Study – FEMA Region III

Current Ongoing Mitigation Measures -Continued-

- Multi-Jurisdictional Flood Mitigation Plan
– DRBC, NJDEP, NJOEM
- Interim Feasibility Study for New Jersey –
NJDEP, US Army Corps of Engineers
- Updated Floodplain Mapping – NJDEP
- Updated Flood Hazard Area Control Act
Rules – NJDEP

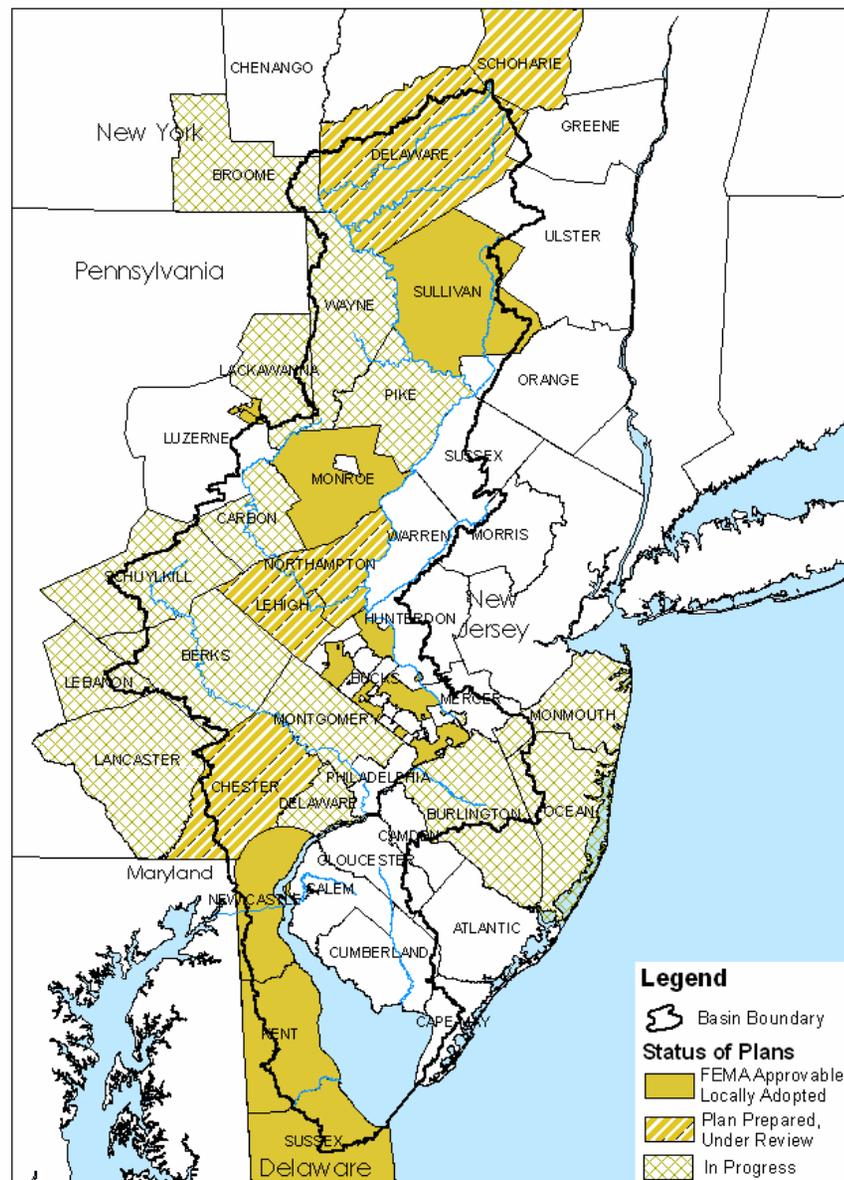
No one set of mitigation actions will stop flooding along the Delaware, it is only through a combination of *local and regional measures* that the impacts of flooding on our communities will be reduced.

Flooding is NJ's #1 Natural Hazard.



- Flood Hazard
- All Others

Status of All Hazards Mitigation Plans in the Delaware River Basin



Source: Federal Emergency Management Agency (FEMA) and County Planning Departments, 09/20/06.

Proposed Study Area:

Municipalities located in the non-tidal, NJ section of the Delaware River Basin.

Hunterdon:

16 Municipalities

Mercer:

9 Municipalities

Sussex:

17 Municipalities

Warren:

22 Municipalities

Total:

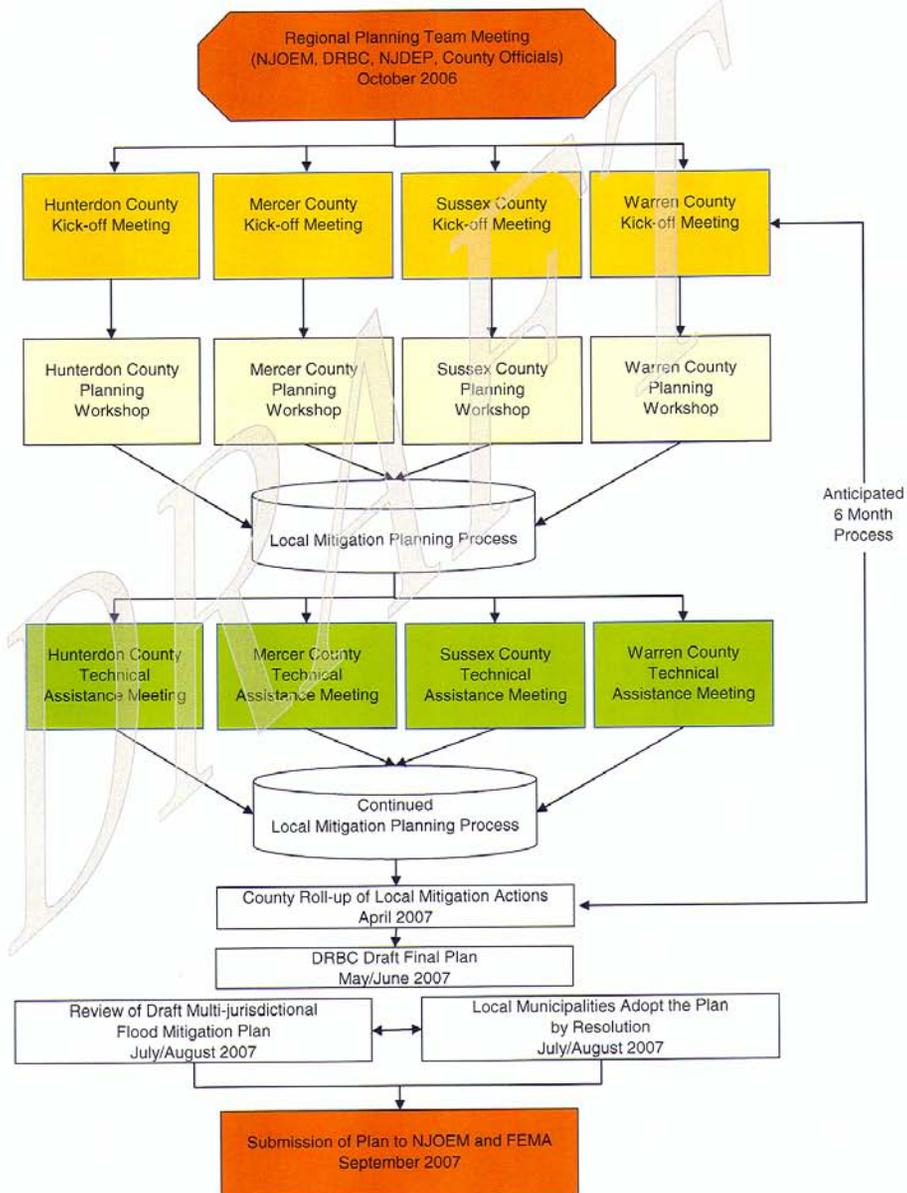
64 municipalities



1. What will the final plan look like?
2. What is the proposed planning process and anticipated timeline?
3. What help will be provided?
4. What is required of our municipality to participate?

**A Multi-Jurisdictional Flood Mitigation Plan for the
Non-Tidal N.J. Section of the Delaware River Basin**

-Planning Process-



Roles and Responsibilities



Lambertville, NJ - April 2005

- Local Municipalities
- Regional Planning Team
- Project Management Team

Local Municipalities

- Form a local flood mitigation planning team
- Document local planning process
- Complete questionnaires identifying critical facilities and flood prone areas
- Publish notice of the municipality's intent to prepare a Flood Mitigation Plan to encourage public participation
- Distribute a questionnaire to residents known to be in the flood prone areas
- Allow time for comment at two public meetings
- Collect questionnaires and summarize public comments
- Compose a list of community goals and desired local mitigation actions

Importance of Local Participation:



Lambertville, NJ - April 2005

- Crucial for the successful development of a Flood Mitigation Plan that contains mitigation actions able to be implemented in the future.
- Participation by the counties and municipalities is also required by FEMA in order for them to be eligible to adopt the Plan.

Regional Planning Team

- Community outreach to encourage municipal participation
- Collect and review the goals and desired mitigation actions of each municipality
- Document the county-level planning process
- Identify county critical facilities and unique flooding hazards
- Develop a list of county-level desired mitigation actions
- Allow time for public comment

Products/Services to be Provided by Project Management Team

- Flood hazard identification and vulnerability assessment (HAZUS)
- GIS Analysis of flood insurance claims and repetitive loss properties
- Historic flood damage costs by county and municipal damage areas
- Basin-scale mitigation strategies and priorities
- Compendium of local mitigation strategies

Products/Services to be Provided (cont.)

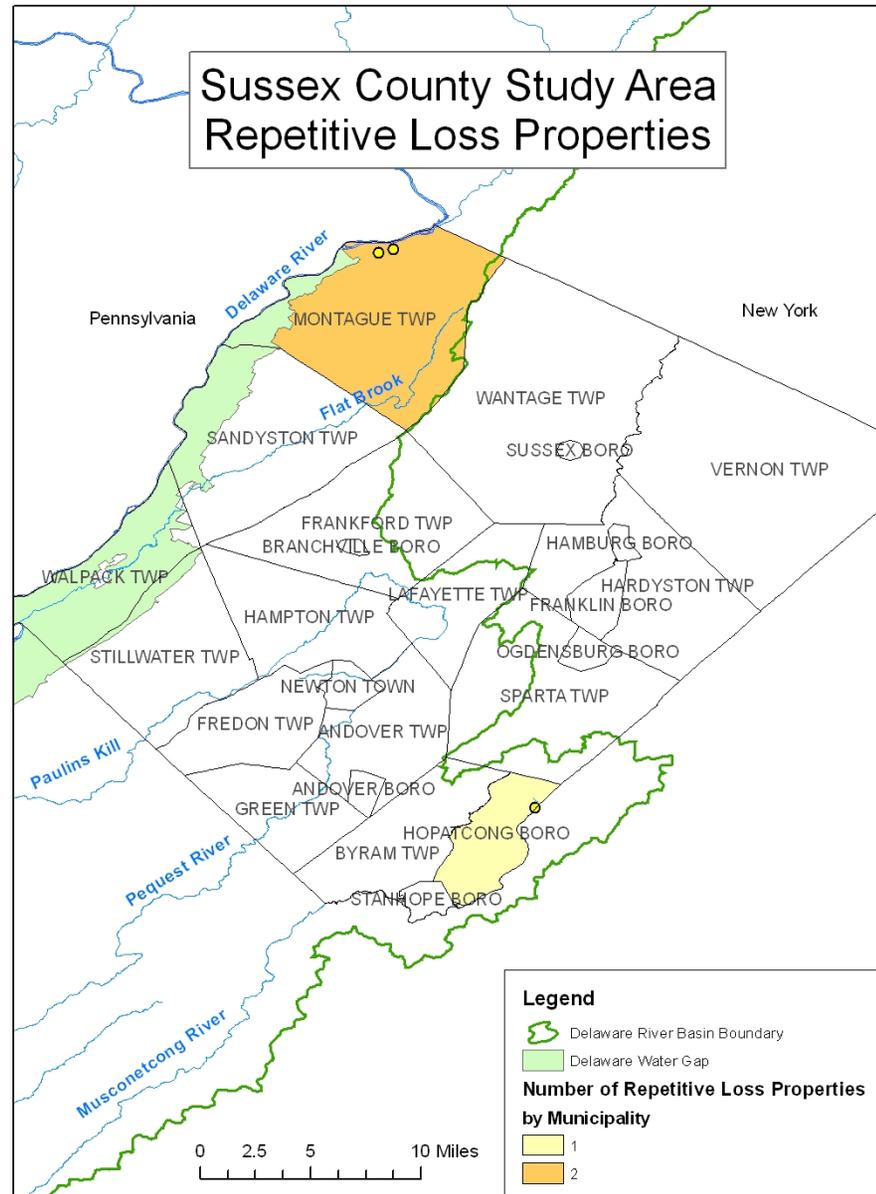
- DRBC Flood Mitigation Website to disseminate products and planning tools
- Facilitation of two meetings per county with municipalities
- Planning Workshops with local liaisons
- Draft/Compile Final Plan

Repetitive Loss Properties

Sussex County:
3 Repetitive Loss Properties
\$60,000 in Total Payouts

Municipalities with Repetitive Loss Properties:

	<u>Properties</u>
Montague	2
Hopatcong	1



Source: Federal Emergency Management Agency (FEMA). A property is considered a repetitive loss property when there are 2 or more losses reported which were paid more than \$1,000 for each loss. The 2 losses must be within 10 years of each other and be at least 10 days apart. Losses from 01/01/1978 - 08/31/06 that are closed are considered.

Prepared by Delaware River Basin Commission Staff, October 2006.

The Benefits of a Flood Mitigation Plan:

- It will identify areas vulnerable to flooding,
- It will identify actions that can be taken to reduce damages to life and property; such as buying or elevating buildings subject to repeat flooding;
- It will contain a prioritized list of local mitigation sources to influence funding sources.

Next Steps:

- Encourage county and local officials to participate in the planning process.
- Encourage residents to get involved in the process and provide input to or join their local mitigation planning teams.
- Spread the word about this planning initiative!