The Coastal Vulnerability Index (CVI) was developed to help assess the vulnerability and resiliency of New Jersey coastal communities to natural hazards. While storm surge inundation and sea level rise are the primary factors influencing coastal flooding threats, those factors alone may not fully define the risk of coastal communities to both chronic and episodic hazards. As a layer combining data on flood zones, geomorphology, slope, soil erosion, soil drainage, soil flooding frequency, and ground elevation, as well as on storm surge inundation and water elevation changes, the CVI may provide a more complete picture of the flood hazard potential of coastal communities. In this map, the index is used to define three levels of relative vulnerability: Lower, Moderate, and Higher. More risk levels could be used, or break points between levels adjusted, as additional site specific data are examined. This process of fine tuning the CVI will be done by working with individual municipalities through a grant program aimed at improving the resiliency plans of New Jersey’s coastal communities.

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The CVI 2050
- Lower
- Moderate
- Higher

Facilities
- Fire Stations
- Law Enforcement
- Medical Facilities
- Rail Station
- Schools

Transportation
- Interstates
- US Highways
- NJ Highways
- Toll Routes
- 500 Routes
- County Routes
- T Passenger Rail

Water Features
- Streams
- Waterbodies

Legend

Nutley Township, Essex County

Coastal Vulnerability Index

911 BLOOMFIELD TWP
NORTH ARLINGTON BORO
EAST RUTHERFORD BORO
WALLINGTON BORO
LYNDHURST TWP
BELLEVILLE TWP
MONTCLAIR TWP
RUTHERFORD BORO
PASSAIC CITY
GLEN RIDGE BORO
NORTH ARLINGTON BORO
EAST RUTHERFORD BORO
WALLINGTON BORO
LYNDHURST TWP
BELLEVILLE TWP
MONTCLAIR TWP
RUTHERFORD BORO
PASSAIC CITY
GLEN RIDGE BORO
Nutley Township, Essex County

September 2014

1 inch equals 0.5 miles

Coastal Vulnerability Index
Nutley Township, Essex County

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