

MAP REPOSITORIES

(Maps available for reference only, not for distribution.)

BERKELEY HEIGHTS, TOWNSHIP OF:
Berkeley Heights Township Hall
29 Park Avenue
Berkeley Heights, New Jersey 07922

PLAINFIELD, CITY OF:
Plainfield Municipal Building
515 Watchung Avenue
Plainfield, New Jersey 07076

RAHWAY, CITY OF:
Engineering Office
1 City Hall Plaza
Rahway, New Jersey 07065

CLARK, TOWNSHIP OF:
Clark Township Municipal Building
430 Westfield Avenue
Clark, New Jersey 07066-1590

CRANFORD, TOWNSHIP OF:
Cranford Township Municipal Building
8 Springfield Avenue
Cranford, New Jersey 07016-2199

ELIZABETH, CITY OF:
Construction Department
Room 401
50 Winfield Scott Plaza
Elizabeth, New Jersey 07201

FANWOOD, BOROUGH OF:
Fanwood Municipal Building
75 Martin Avenue North
Fanwood, New Jersey 07023

ROSELLE PARK, BOROUGH OF:
Building Department - Department of Public Works

110 East Westfield Avenue
Roselle Park, New Jersey 07204

SCOTH PLAINS, TOWNSHIP OF:
Scotch Plains Municipal Building

430 Park Avenue
Scotch Plains, New Jersey 07076

SPRINGFIELD, TOWNSHIP OF:
Springfield Township Municipal Building

100 Mountain Avenue
Springfield, New Jersey 07081

SUMMIT, CITY OF:
Summit City Hall

512 Springfield Avenue
Summit, New Jersey 07901-2267

KENILWORTH, BOROUGH OF:
Kenilworth Municipal Building
567 Boulevard
Kenilworth, New Jersey 07033

LINDEN, CITY OF:
Linden City Municipal Building
301 North Wood Avenue
Linden, New Jersey 07036

MOUNTAINSIDE, BOROUGH OF:
Mountainside Borough Hall
1385 Route 22
Mountainside, New Jersey 07041

NEW PROVIDENCE, BOROUGH OF:
New Providence Borough Hall
360 Elkwood Avenue
New Providence, New Jersey 07974-1834

HILLSIDE, TOWNSHIP OF:
Hillside Township Municipal Building

1409 Liberty Ave

Hillside, New Jersey 07205

UNION, TOWNSHIP OF:
Engineering Department
1976 Morris Avenue
Union, New Jersey 07083-3579

WESTFIELD, TOWNSHIP OF:
Westfield Township Municipal Building

425 East Broad Street

Westfield, New Jersey 07090

WINFIELD, TOWNSHIP OF:
Winfield Township Municipal Building

12 Gulfstream Avenue

Winfield, New Jersey 07036

MAP DATES

This FIRM Index displays the map date for each FIRM panel at the time that this Index was printed. Because this Index may not be distributed to unaffected communities in subsequent revisions, users may determine the current map date for each FIRM panel by visiting the FEMA Map Service Center (MSC) website at <http://msc.fema.gov> or by calling the FEMA Map Information Exchange (FMIX) at 1-877-336-2627.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Map Service Center at the number listed above.

NOTE TO USER

Future revisions to this FIRM Index will only be issued to communities that are located on FIRM panels being revised. This FIRM Index therefore remains valid for FIRM panels dated 9/20/2006 or earlier. Please refer to the "MOST RECENT FIRM PANEL DATE" column in the Listing of Communities table to determine the most recent FIRM index date for each community.



MAP INDEX

FIRM
FLOOD INSURANCE RATE MAP
UNION COUNTY,
NEW JERSEY
(ALL JURISDICTIONS)

MAP INDEX

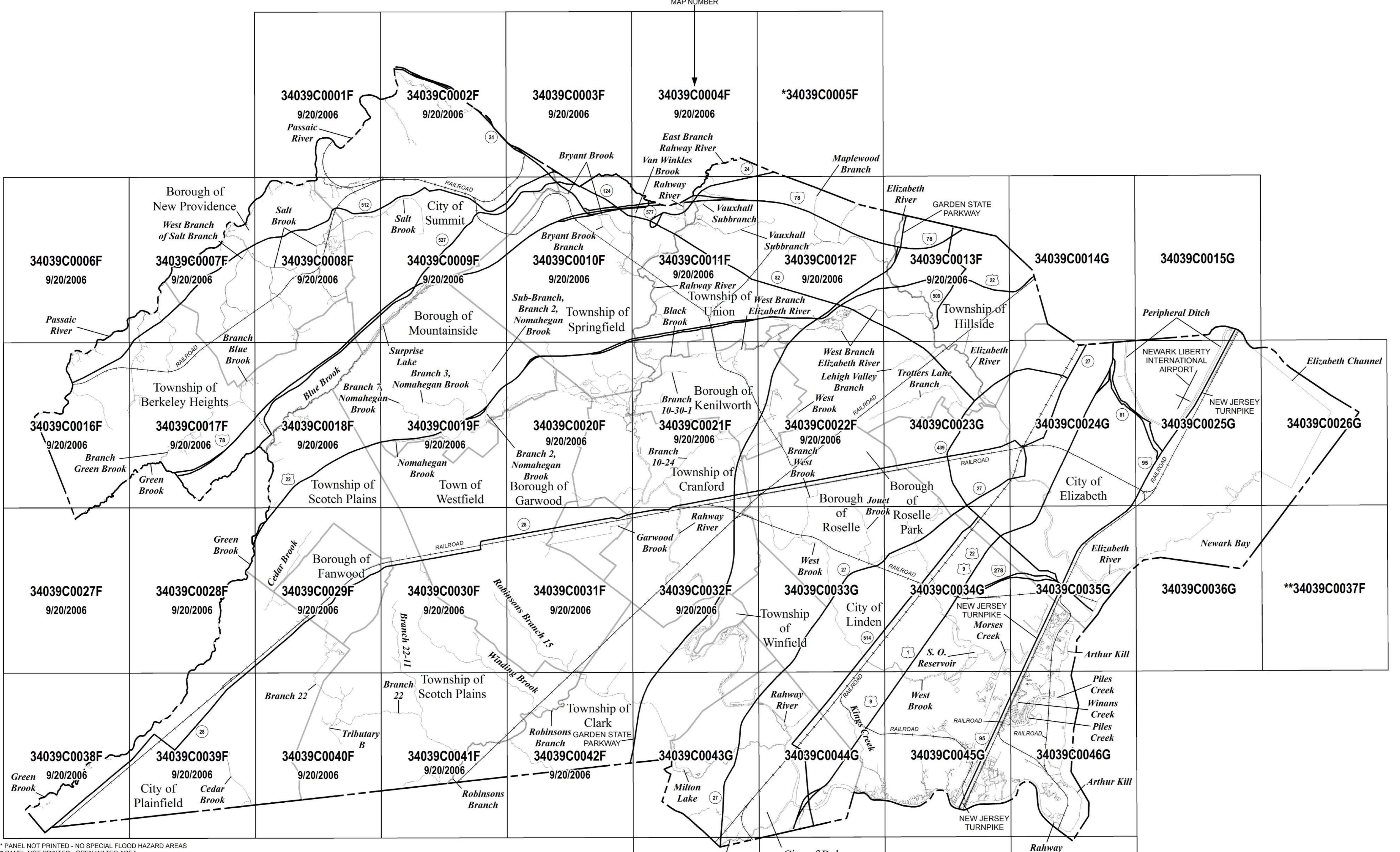
PANELS PRINTED: 1, 2, 3, 4, 6, 7, 8, 9, 10,
11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24,
25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 38, 39,
40, 41, 42, 43, 44, 45, 46, 47, 48

PRELIMINARY
FEBRUARY 3, 2015



MAP NUMBER
34039CIND0B

MAP REVISED



* PANEL NOT PRINTED - NO SPECIAL FLOOD HAZARD AREAS

** PANEL NOT PRINTED - OPEN WATER AREA

LISTING OF COMMUNITIES						
COMMUNITY NAME	COMMUNITY NUMBER	LOCATED ON PANELS	INITIAL IDENTIFICATION	INITIAL NFIP MAP DATE	INITIAL FIRM DATE	MOST RECENT FIRM PANEL DATE
BERKELEY HEIGHTS, TOWNSHIP OF	340459	0006, 0007, 0008, 0016, 0017, 0018, 0027		MAY 24, 1974	MARCH 1, 1978	MARCH 1, 1978
CLARK, TOWNSHIP OF	345290	0031, 0032, 0033, 0041, 0042, 0043		DECEMBER 23, 1971	DECEMBER 23, 1971	DECEMBER 23, 1971
CRANFORD, TOWNSHIP OF	346291	0020, 0021, 0031, 0032, 0033		SEPTEMBER 2, 1970	SEPTEMBER 2, 1970	JUNE 25, 1971
ELIZABETH, CITY OF	346526	0014, 0015, 0022, 0023, 0024, 0025, 0026, 0034, 0035, 0036, 0037		MAY 22, 1970	MAY 8, 1971	MAY 8, 1971
FANWOOD, BOROUGH OF	340463	0029, 0030		SEPTEMBER 20, 2006	SEPTEMBER 20, 2006	SEPTEMBER 20, 2006
GARWOOD, BOROUGH OF	340464	0020, 0031, 0032		FEBRUARY 1, 1977	FEBRUARY 1, 1977	FEBRUARY 1, 1977
HILLSIDE, TOWNSHIP OF	340465	0013, 0014, 0023, 0024		JANUARY 9, 1974	JANUARY 9, 1974	SEPTEMBER 14, 1979
KENILWORTH, BOROUGH OF	340466	0011, 0012, 0020, 0021, 0022		OCTOBER 26, 1973	OCTOBER 26, 1973	MARCH 2, 1983
LINDEN, CITY OF	340467	0032, 0033, 0034, 0035, 0044, 0045, 0046, 0047		JUNE 7, 1974	JUNE 7, 1974	NOVEMBER 24, 1976
MOUNTAINSIDE, BOROUGH OF	340468	0008, 0009, 0010, 0018, 0019, 0020		FEBRUARY 16, 1977	FEBRUARY 16, 1977	SEPTEMBER 20, 2006
NEW PROVIDENCE, BOROUGH OF	346306	0007, 0008, 0017, 0018		NOVEMBER 23, 1973	NOVEMBER 23, 1973	SEPTEMBER 20, 2006
PLAINFIELD, CITY OF	345312	0028, 0029, 0030, 0039, 0040		JUNE 26, 1971	JUNE 26, 1971	SEPTEMBER 20, 2006
RAHWAY, CITY OF	345314	0003, 0004, 0043, 0044, 0047, 0048		DECEMBER 23, 1971	DECEMBER 23, 1971	DECEMBER 23, 1971
ROSELLE, BOROUGH OF	340472	0021, 0022, 0023, 0032, 0033, 0034		JULY 17, 1978	JULY 17, 1978	JULY 17, 1978
ROSELLE PARK, BOROUGH OF	340473	0021, 0022, 0023		APRIL 22, 1977	APRIL 22, 1977	JUNE 4, 1980
SCOTH PLAINS, TOWNSHIP OF	340474	0018, 0019, 0028, 0029, 0030, 0031, 0040, 0041, 0042		JANUARY 9, 1974	JANUARY 9, 1974	SEPTEMBER 20, 2006
SPRINGFIELD, TOWNSHIP OF	345321	0003, 0006, 0010, 0011, 0020, 0021		OCTOBER 13, 1971	OCTOBER 13, 1971	SEPTEMBER 20, 2006
SUMMIT, CITY OF	340476	0001, 0002, 0003, 0008, 0009, 0010, 0018		MARCH 16, 1973	MARCH 16, 1973	FEBRUARY 2, 1977
UNION, TOWNSHIP OF	340477	0004, 0005, 0011, 0012, 0013, 0021, 0022, 0023		MAY 11, 1973	MAY 11, 1973	AUGUST 1, 1978
WESTFIELD, TOWNSHIP OF	340478	0018, 0019, 0020, 0030, 0031, 0042		DECEMBER 18, 1979	DECEMBER 18, 1979	DECEMBER 18, 1979
WINFIELD, TOWNSHIP OF ¹	340479	0032		SEPTEMBER 20, 2006	SEPTEMBER 20, 2006	SEPTEMBER 20, 2006

¹ NO SPECIAL FLOOD HAZARD AREAS IDENTIFIED

² PANEL NOT PRINTED

NOTE TO USERS

FEMA maintains information about map features, such as street locations and names, in or near designated flood hazard areas. Requests to revise flood information in or near designated flood hazard areas may be provided to FEMA during the community review period, at the final Consultation Coordination Officer's meeting, or during the statutory 90-day appeal period. Approved requests for changes will be shown on the final printed FIRM.



Federal Emergency Management Agency

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Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NNGS12
National Geographic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

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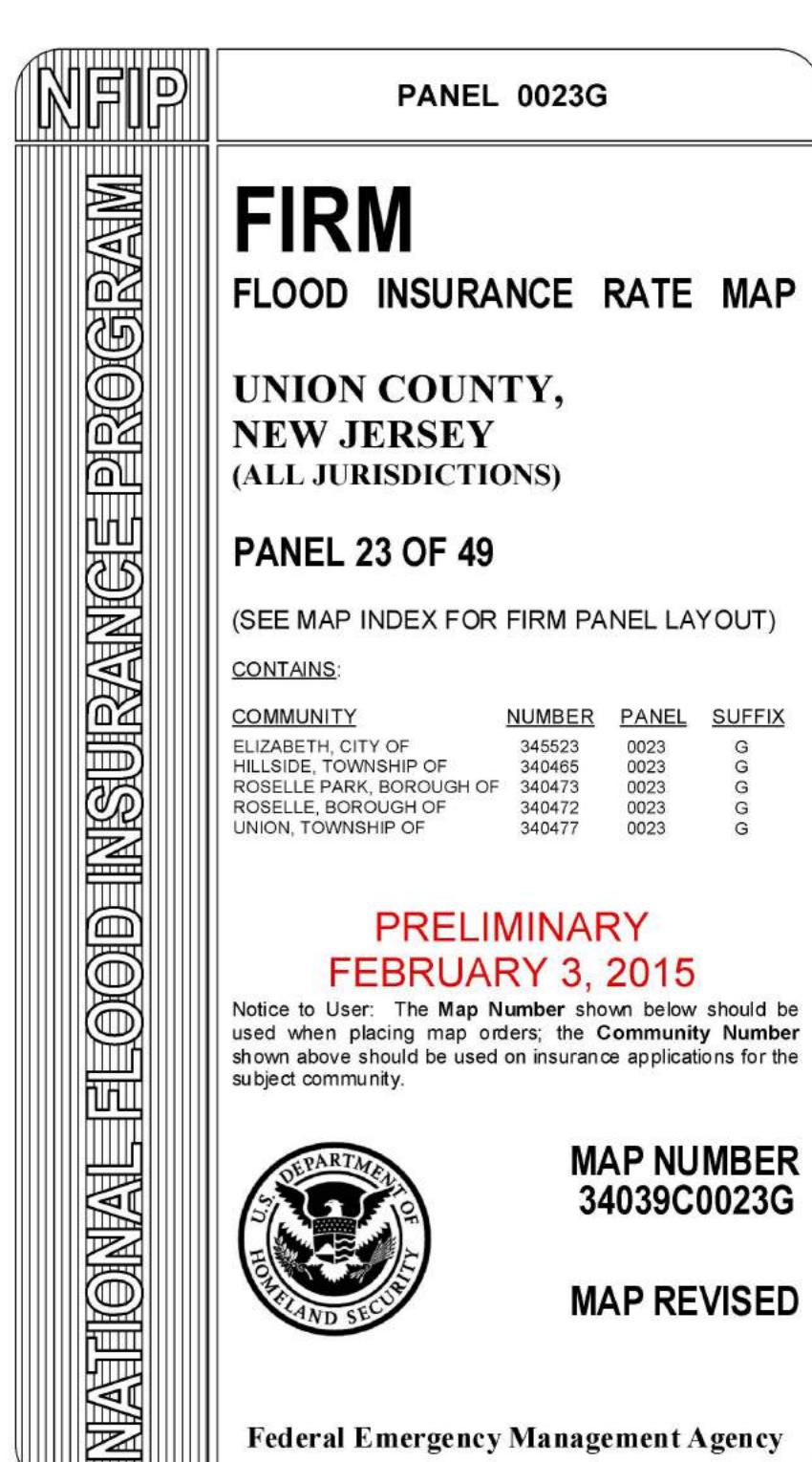
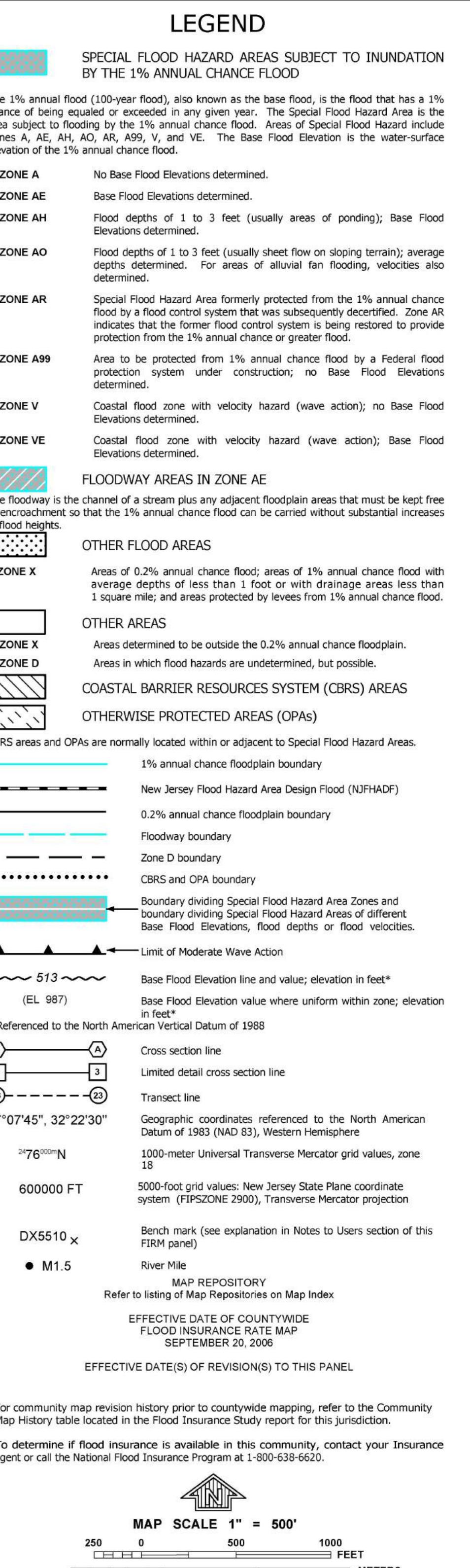
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NJFHADF is equal to the 1-percent-annual chance flood plus an additional 25% in flow, and not to exceed the 0.2-percent-annual chance flood. NJFHADF boundary is to regulate disturbance to the land and vegetation within flood hazard area of a water body. This regulation is set forth by the State of New Jersey Flood Hazard Area Control Act Rules N.J.A.C. 7:13, and is administered by New Jersey Department of Environmental Protection (NJDEP).



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ATTENTION: The levee, dike, or other structure that impacts flood hazards inside this boundary has not been shown to comply with Section 65.10 of the NFIP Regulations. As such, this FIRM panel will be revised at a later date to update the flood hazard information associated with this structure.

The flood hazard data inside this boundary on the FIRM panel has been republished from the previous effective (historic) FIRM for this area, after being converted from NGVD 29 to NAVD 88.



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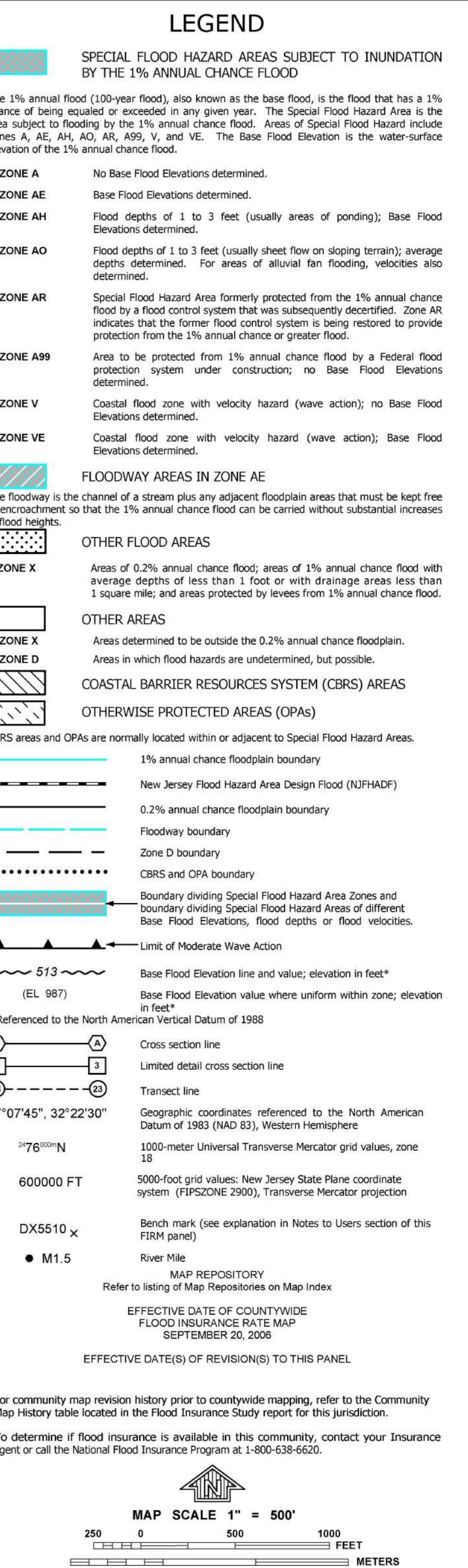
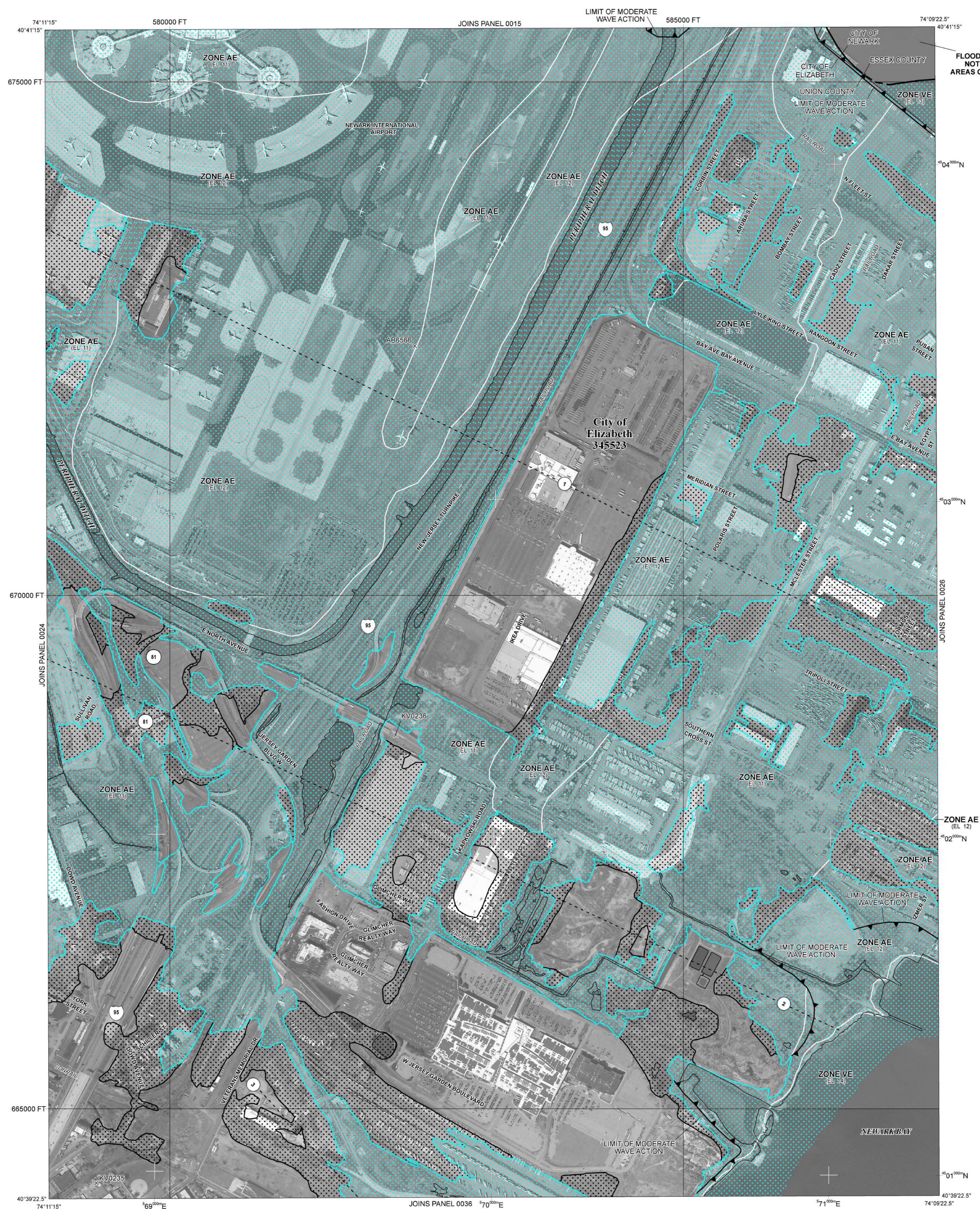
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The AE Zone category has been divided by a **Limit of Moderate Wave Action (LIMA)**. The LIMA represents the approximate landward limit of the 1.5-foot breaking wave. The effects of wave hazards between the VE Zone and the LIMA (or between the shoreline and the LIMA for areas where VE Zones are not identified) will be similar to, but less severe than those in the VE Zone.

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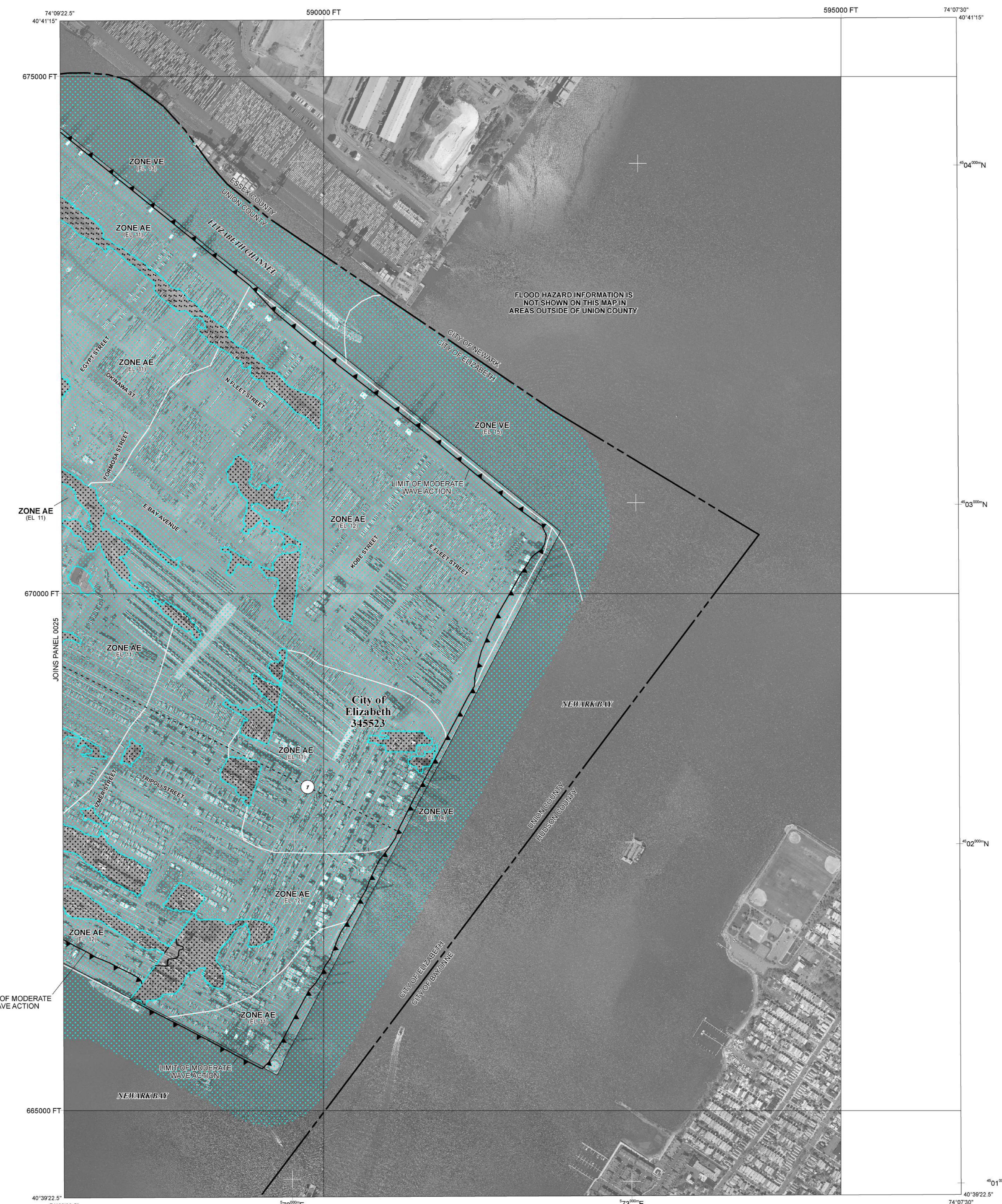
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LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The area subject to flooding by the 1% annual chance flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in peak heights.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

ZONE D Areas determined to be outside the 0.2% annual chance floodplain.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary

New Jersey Flood Hazard Area Designation (NJFHAD)

0.2% annual chance floodplain boundary

Floodway boundary

Zone boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

Limit of Moderate Wave Action

513 Base Flood Elevation line and value; elevation in feet*

Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

Cross section line

Limited detail cross section line

Transsect line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone 18

5000-foot grid values; New Jersey State Plane coordinate system (FIPSZONE 2900), Transverse Mercator projection

DX5510 X Bench mark (see explanation in Notes to Users section of this FIRM panel)

M.1.5 River Mile

MAP REPOSITORY

Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP SEPTEMBER 20, 2006

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

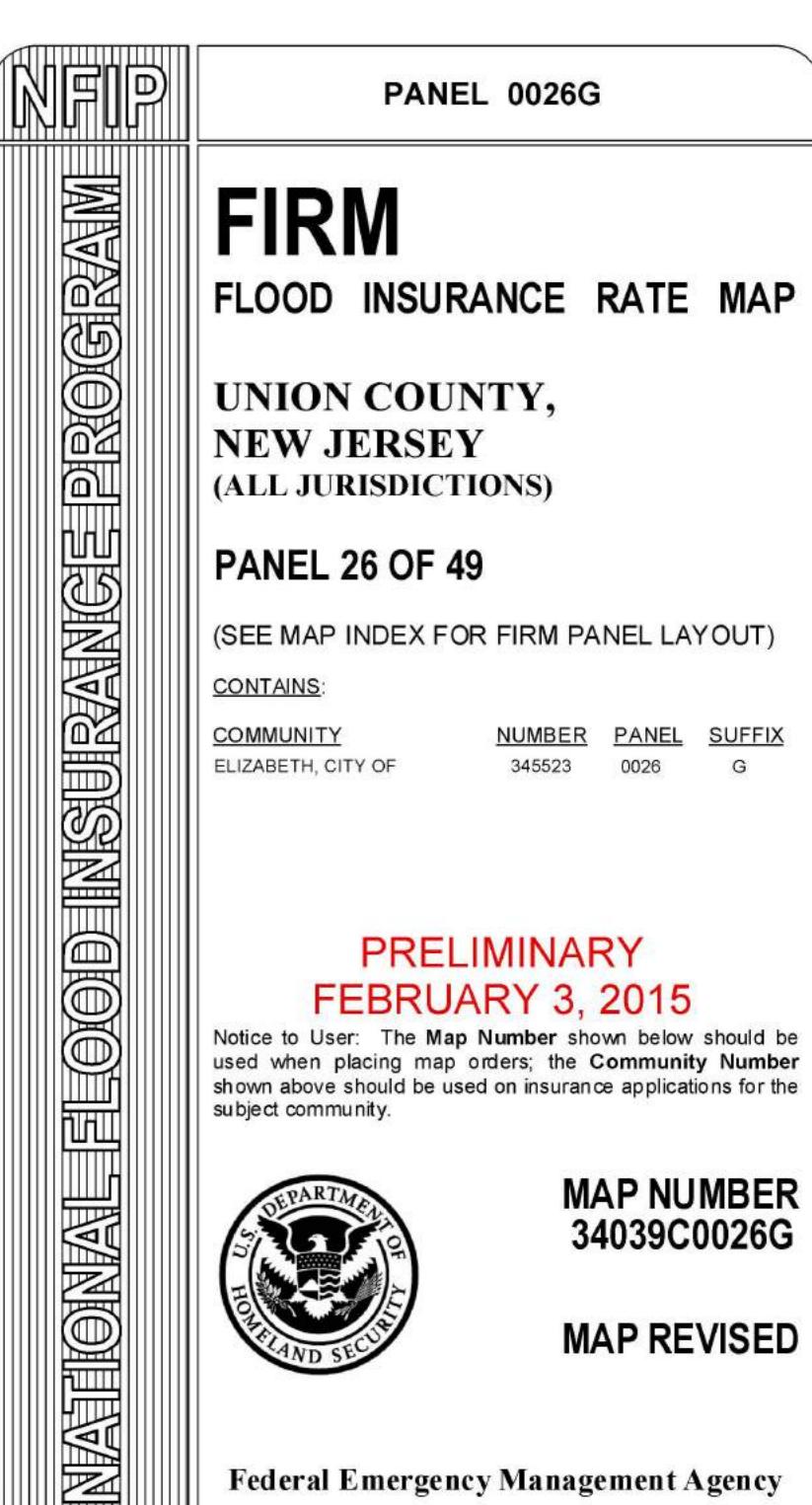
For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6220.

MAP SCALE 1" = 500'

0 500 1000 FEET

150 0 150 300 METERS



NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **Floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained in the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevation tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevation table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was New Jersey State Plane 2900 zone. The **horizontal datum** was NAD 83. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. The flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NNGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20510-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was provided in digital format by the State of New Jersey Office of Information Technology. This information was derived from digital orthophotos produced at a scale of 1:2400 with a 1-foot pixel resolution from photography dated 2012.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview of the county showing the layout of map panels; community map repository addresses; and a listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

The AE Zone category has been divided by a **Limit of Moderate Wave Action** (LIMWA). The LIMWA represent the approximate landward limit of the 1.5-foot breaking wave. The effects of wave hazards between the VE Zone and the LIMWA (or between the shoreline and the LIMWA for areas where VE Zones are not identified) will be similar but less severe than those in the VE Zone.

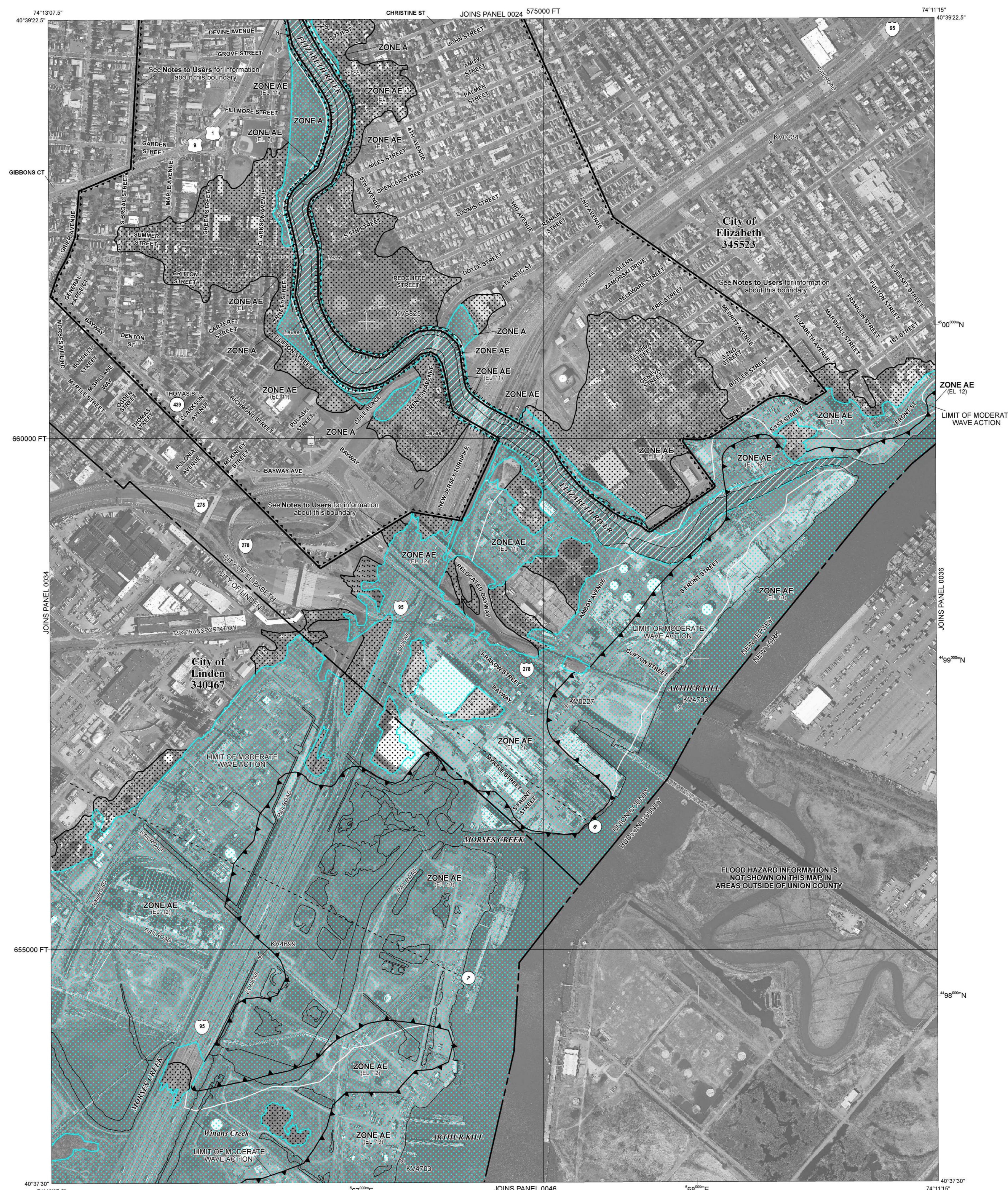
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NJFHADF is equal to the 1-percent-annual chance flood plus an additional 25% in flow, and not to exceed the 0.2-percent-annual chance flood. NJFHADF boundary is to regulate disturbance to the land and vegetation within flood hazard area of a water body. This regulation is set forth by the State of New Jersey Flood Hazard Area Control Act Rules N.J.A.C. 7:13, and is administered by New Jersey Department of Environmental Protection (NJDEP).

ATTENTION: The levee, dike, or other structure that impacts flood hazards inside this boundary has not been shown to comply with Section 6510 of the NFIP Regulations. As such, this FIRM panel will be revised at a later date to update the flood hazard information associated with this structure.

The flood hazard data inside this boundary on the FIRM panel has been republished from the previous effective (historic) FIRM for this area, after being converted from NGVD 29 to NAVD 88.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The area subject to flooding by the 1% annual chance flood, also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, AR99, V, and VE. The base flood elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE AR99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in peak heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

ZONE D Areas determined to be outside the 0.2% annual chance floodplain.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary

New Jersey Flood Hazard Area Design Flood (NJFHADF)

0.2% annual chance floodplain boundary

Floodway boundary

Zone boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

Limit of Moderate Wave Action

Base Flood Elevation line and value; elevation in feet*

Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

Cross section line

Limited detail cross section line

Transsect line

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone 18

5000-foot grid values; New Jersey State Plane coordinate system (FIPSZONE 2900), Transverse Mercator projection

DX5510 X

M1.5 River Mile

MAP REPOSITORY

Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

SEPTEMBER 20, 2006

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6220.

MAP SCALE 1" = 500'

0 500 1000 FEET

150 0 150 300 METERS

NFIP		
PANEL 0035G		
FIRM FLOOD INSURANCE RATE MAP		
UNION COUNTY, NEW JERSEY (ALL JURISDICTIONS)		
PANEL 35 OF 49		
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)		
CONTAINS:		
COMMUNITY:	NUMBER:	PANEL:
ELIZABETH CITY OF	345523	0035
LINDEN CITY OF	340467	G
PRELIMINARY FEBRUARY 3, 2010		
Notice to User: The map number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.		
MAP NUMBER 34039C0035G		
MAP REVISED		
Federal Emergency Management Agency		

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

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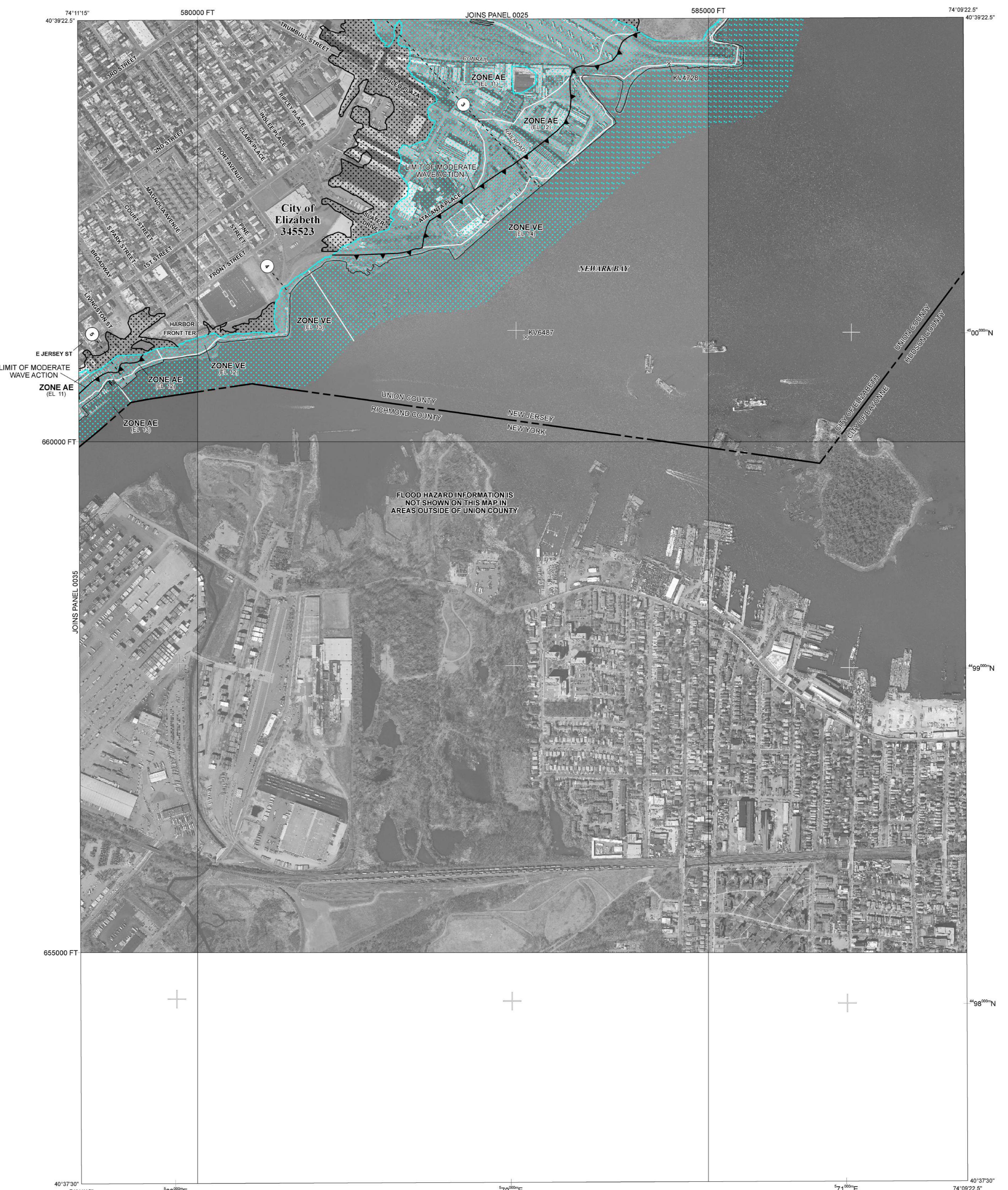
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LEGEND

- SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
- The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, AR99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
- ZONE A**: No Base Flood Elevations determined.
 - ZONE AE**: Base Flood Elevations determined.
 - ZONE AH**: Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
 - ZONE AO**: Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
 - ZONE AR**: Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
 - ZONE AR99**: Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
 - ZONE V**: Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
 - ZONE VE**: Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE**
- The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in peak heights.
- OTHER FLOOD AREAS**
- Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS**
- Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE X**
- Areas in which flood hazards are undetermined, but possible.
- ZONE D**
- Coastal Barrier Resources System (CBRS) Areas
- OPA**
- Otherwise Protected Areas (OPAs)
- CBRS areas and OPAs**
- 1% annual chance floodplain boundary
 - New Jersey Flood Hazard Area Design Flood (NJFHADF)
 - 0.2% annual chance floodplain boundary
 - Floodway boundary
 - Zone boundary
 - CBRS and OPA boundary
 - Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations; flood depths or flood velocities.
 - Limit of Moderate Wave Action
 - 513 (Elev. 987) Base Flood Elevation line and value; elevation in feet*
 - 513 (Elev. 987) Base Flood Elevation value where uniform within zone; elevation in feet*
 - * Referenced to the North American Vertical Datum of 1988
 - Cross section line
 - Limited detail cross section line
 - Transsect line
 - Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
 - 1000-meter Universal Transverse Mercator grid values, zone 18
 - 5000-foot grid values; New Jersey State Plane coordinate system (FIPSZONE 2900), Transverse Mercator projection
 - DX5510 X River Mile
 - M 1.5 River Mile
- MAP REPOSITORY**
- Refer to listing of Map Repositories on Map Index
- EFFECTIVE DATE OF COUNTWIDE FLOOD INSURANCE RATE MAP**
- SEPTEMBER 20, 2008
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**
- For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
- To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

