

NOTES TO USERS

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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 and/or Summary of Stillwater Elevations tables contained within 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 to 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 Elevations tables in the Flood Insurance Study report for this jurisdiction. Floodways shown in the Summary of Stillwater Elevations tables 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" in this jurisdiction's Flood Insurance Study report for information on flood control structures in this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 18. The horizontal datum was NAD 83, GRS 80 spheroid. Differences in datum, spheroid, projection or UTM 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. 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 www.ngs.noaa.gov, or contact the National Geodetic Survey at the following address:

NGS Information Services
 NOAA, NNGS12
 National Geodetic Survey
 SSMC-3, #6202
 1315 East-Vienna Highway
 Silver Spring, Maryland 20910-3282

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

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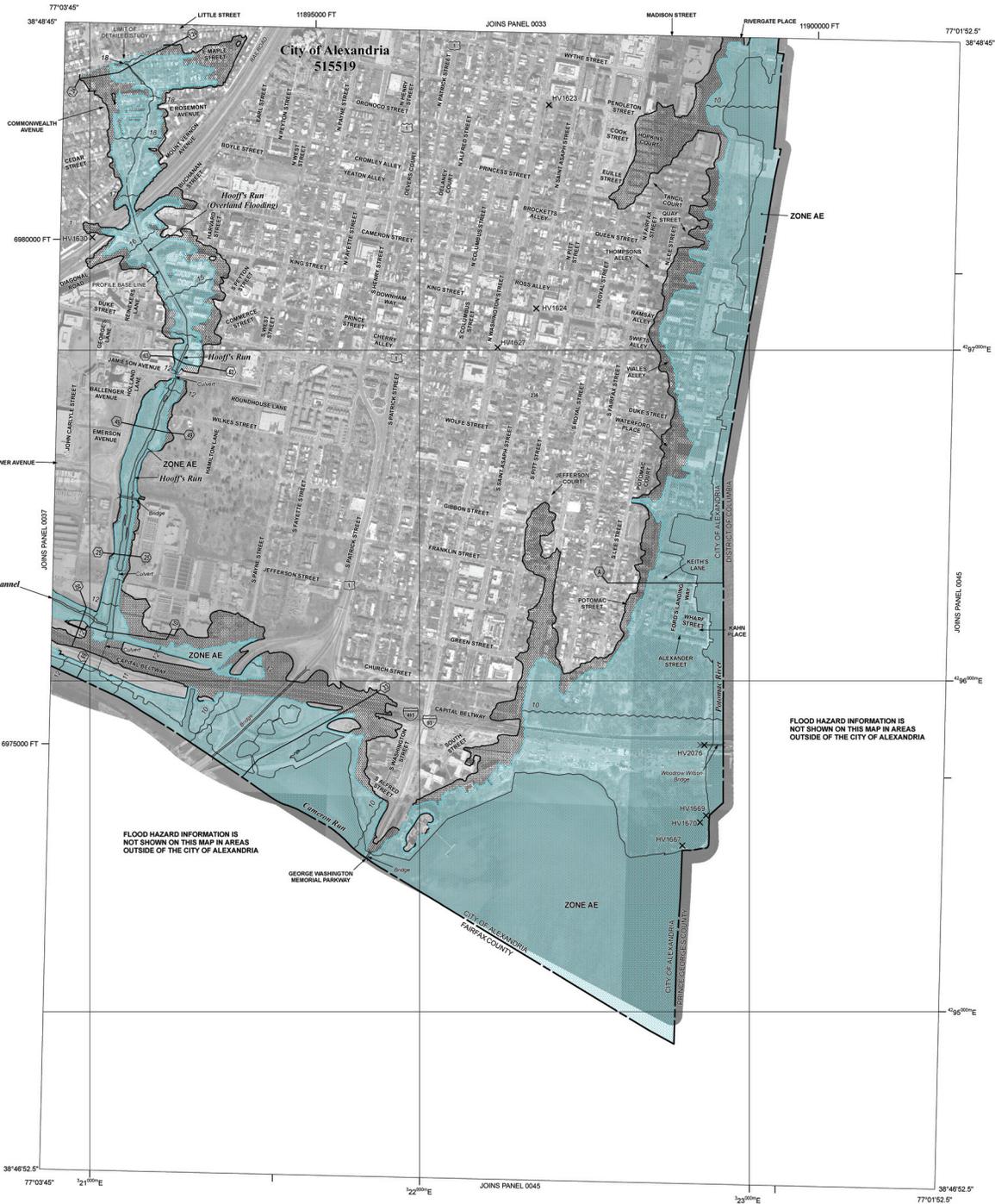
Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted 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.

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LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
- The 1% annual chance flood (100-year flood) also known as the base flood, is the flood that has a 1% chance of being equalled 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, AD, AR, AR9, 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 AR** Flood depths of 1 to 3 feet (usually sheet flow or sloping terrain); average depth determined. For areas of structural flooding, velocities also determined.
 - ZONE AR9** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decommissioned. Zone AR9 indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
 - ZONE V** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
 - ZONE VE** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE**
- The floodway is the channel of a stream and adjacent floodplain areas that must be kept free of encroachment to that the 1% annual chance flood can be carried without substantial increases in flood 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.
 - OTHER AREAS** Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.
 - ZONE X** Areas in which flood hazards are undetermined, but possible.
 - ZONE D** Areas in which flood hazards are undetermined, but possible.
- 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
 - 0.2% annual chance floodplain boundary
 - Floodway boundary
 - Zone D boundary
 - CBRS and OPA boundary
 - Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
 - Base Flood Elevation lines and values, elevation in feet (EL 507)
 - Base Flood Elevation values where uniform within zone; elevation in feet.
- * Referenced to the North American Vertical Datum of 1988
- 87°07'45", 32°22'30"
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 1000-meter Universal Transverse Mercator grid values, zone 18
- 5000-foot scale Virginia State Plane coordinate system (FIPSZONE 4503), Lambert Conformal Conic projection
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- 4' N.T.S.
- MAP REPOSITORY**
 City Hall 301 King Street Alexandria, VA 22314 (Maps available for reference only, not for distribution)
- INTRODUCTION**
 AUGUST 22, 1969
- FLOOD HAZARD BOUNDARY MAP REVISIONS**
 NONE
- FLOOD INSURANCE RATE MAP EFFECTIVE**
 AUGUST 22, 1969
- FLOOD INSURANCE RATE MAP REVISIONS**
- May 2, 1970 - to add special flood hazard area.
 - May 28, 1971 - to add special flood hazard area.
 - July 1, 1974 - to change zone designations.
 - October 22, 1975 - to reflect overland flood boundary and to add special flood hazard area.
 - April 30, 1982 - to change special flood hazard area, to change base flood elevations, to change zone designations, to add street to multi-line stream, to convert to 2-foot format, and to change to FIRM file block.
 - October 18, 1988 - to change base flood elevations, and to change special flood hazard areas.
 - May 15, 1991 - to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to update map format, and to add river and road name.
 - June 15, 2011 - To change base flood elevations, to add base flood elevations, to add special flood hazard areas, and to reflect updated topographic information.
- To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6622.
- MAP SCALE 1" = 600'**
- 250 0 500 1000 FEET
 150 0 150 300 METERS

NFIP PANEL 0041E

FIRM
FLOOD INSURANCE RATE MAP
CITY OF ALEXANDRIA,
VIRGINIA
INDEPENDENT CITY

PANEL 41 OF 45
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
 COMMUNITY NUMBER PREFIX
 ALEXANDRIA, CITY OF 51515 0041 E

Notice to User: The Map Number shown below should be used when ordering map products. The Community Number shown above should be used on insurance applications for the insured community.

MAP NUMBER
 5151590041E
MAP REVISED
 JUNE 16, 2011
 Federal Emergency Management Agency

NOTES TO USERS

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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 Elevations** tables in the **Flood Insurance Study** report for this jurisdiction. Elevations shown in the **Summary of Stillwater Elevations** tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

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 National Geodetic Survey
 SSMC-3, #9202
 1315 East-West Highway
 Silver Spring, Maryland 20910-3282

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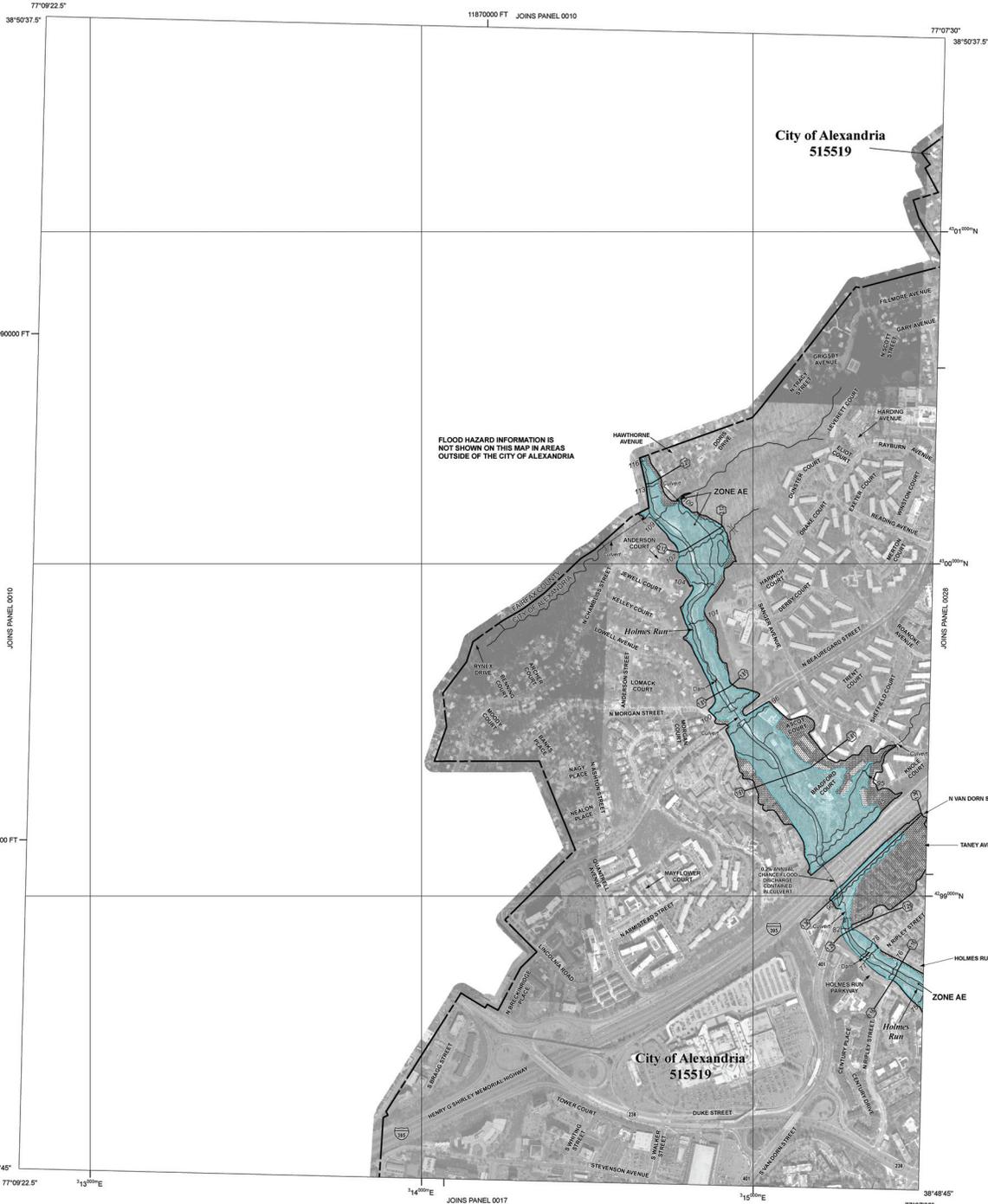
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LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
 The 1% annual chance 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, AV, 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 or sloping terrain); average depths determined. For areas of advanced flood flow, 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 decommissioned. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE AR**
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 area that must be kept free of encroachment to that the 1% annual chance flood can be carried without substantial increases in flood 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.
- OTHER AREAS**
- ZONE X**
Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D**
Areas in which flood hazards are undetermined, but possible.
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- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet (EL 987)
- Base Flood Elevation value where uniform within zone; elevation in feet

- * Referenced to the North American Vertical Datum of 1988
- Cross section line
- Transsect line
- 87°07'45", 32°22'30"
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 1000-meter Universal Transverse Mercator grid values, zone 18
- 3300-foot grid values, Virginia State Plane coordinate system (FIPSZONE 4503), Lambert Conformal Conic projection
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M 1.5

MAP REPOSITORY
 City Hall 301 King Street, Alexandria, VA 22314 (Main telephone for reference only, not for distribution)

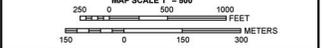
INITIAL IDENTIFICATION
 AUGUST 22, 1989

FLOOD HAZARD BOUNDARY MAP REVISIONS
 NONE

FLOOD INSURANCE RATE MAP REVISIONS
 NONE

FLOOD INSURANCE RATE MAP REVISIONS
 May 2, 1970 - to add special flood hazard area
 May 26, 1971 - to add special flood hazard area
 July 1, 1974 - to change zone designations
 October 22, 1976 - to reflect new flood boundary and to add special flood hazard area
 April 30, 1982 - to change special flood hazard area, to change base flood elevations, to change zone designations, to add stream, to re-align stream, to convert to 2-foot format, and to change to FIRM title block
 October 18, 1988 - to change base flood elevations, and to change special flood hazard areas
 May 15, 1991 - to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to update map information, to add stream and road name
 June 18, 2011 - to change base flood elevations, to add base flood elevations, to add special flood hazard areas, and to reflect updated topographic information

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NFIP PANEL 0009E

FIRM
FLOOD INSURANCE RATE MAP
CITY OF ALEXANDRIA,
VIRGINIA
INDEPENDENT CITY

PANEL 9 OF 45
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
 COMMUNITY NUMBER PANEL SUFFIX
 ALEXANDRIA, CITY OF 191819 0009 E

NATIONAL FLOOD INSURANCE PROGRAM

MAP NUMBER
 515519009E
MAP REVISED
 JUNE 16, 2011
 Federal Emergency Management Agency

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NGS Information Services
NOAA, NNGS512
National Geodetic Survey
SSM-C-3, #6202
1315 East-Via Highway
Silver Spring, Maryland 20910-3282

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77°09'22.5"

38°48'45"

11870000 FT

JOINS PANEL 0009

77°07'30"

38°48'45"

6980000 FT

JOINS PANEL 0005

6975000 FT

77°09'22.5"

38°48'52.5"

1°13'00"N

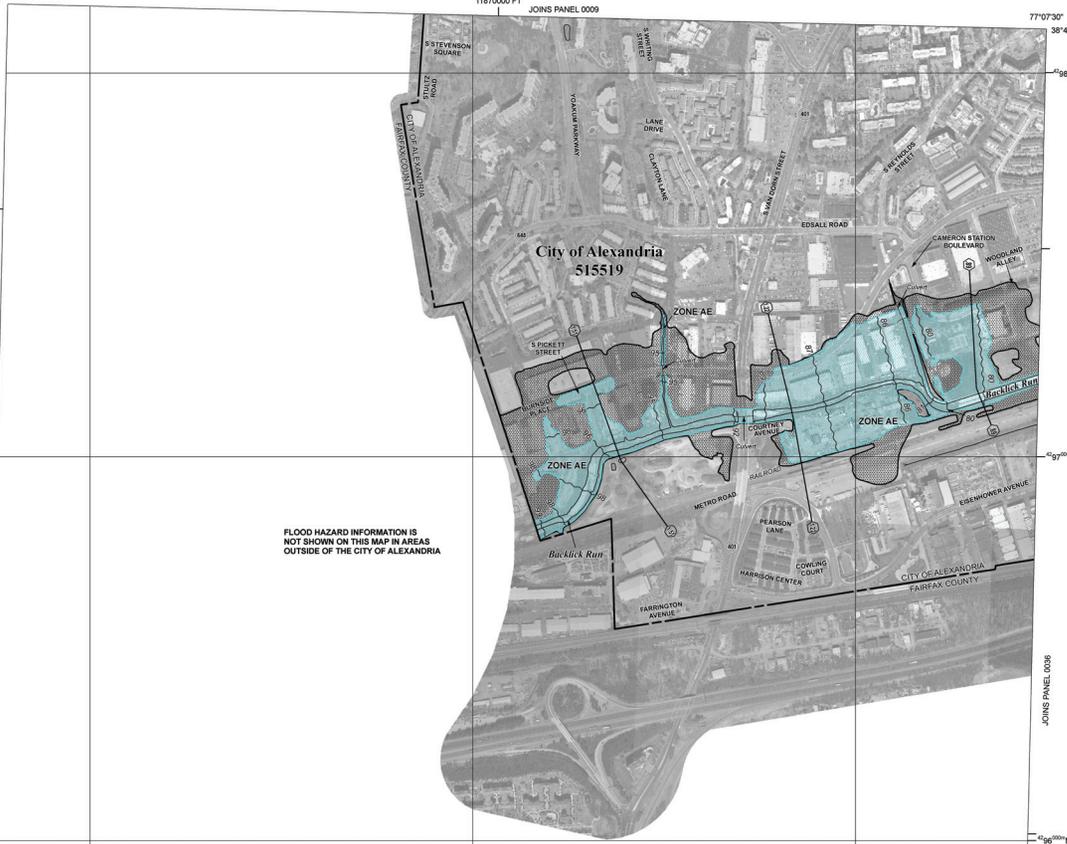
1°14'00"N

JOINS PANEL 0020

1°15'00"N

77°07'30"

FLOOD HAZARD INFORMATION IS NOT SHOWN ON THIS MAP IN AREAS OUTSIDE OF THE CITY OF ALEXANDRIA



LEGEND

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 - ZONE AE** Base Flood Elevations determined.
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 - 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 determined. Zone AR indicates that the former flood control system is being retained to provide protection from the 1% annual chance or greater flood.
 - ZONE A99** Area to be protected from the 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); no Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

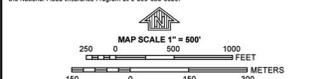
The floodway is the channel of a stream and any adjacent floodplain areas that must be kept free of encroachments so the 1% annual chance flood can be carried without substantial increases in flood heights.

- 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.
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 - COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
 - OTHERWISE PROTECTED AREAS (OPAs)**

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
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- Cross section line
- Transect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 1000-meter Universal Transverse Mercator grid values, zone 18
- 5000-foot grid ticks, Virginia State Plane coordinate system (FIPS ZONE 4501), Lambert Conformal Conic projection

- MAP REPOSITORY: City Hall 301 King Street Alexandria, VA 22314 (Maps available for reference only, not for distribution)
- DATE OF PUBLICATION: AUGUST 22, 1989
- FLOOD HAZARD BOUNDARY MAP REVISIONS: NONE
- FLOOD INSURANCE RATE MAP EFFECTIVE: AUGUST 22, 1989
- FLOOD INSURANCE RATE MAP REVISIONS: NONE
- May 2, 1970 - to add special flood hazard area.
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- July 1, 1974 - to change zone designations.
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- April 30, 1982 - to change special flood hazard area, to change base flood elevations, to change zone designations, to add street centerline flood boundary and to add special flood hazard area.
- October 18, 1988 - to change base flood elevations, and to change special flood hazard areas.
- May 15, 1991 - to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to update map format, to add notes and real name.
- June 16, 2011 - To change base flood elevations, to add base flood elevations, to add special flood hazard areas, and to reflect updated topographic information.



NFIP PANEL 0017E

FIRM
FLOOD INSURANCE RATE MAP
CITY OF ALEXANDRIA,
VIRGINIA
INDEPENDENT CITY

PANEL 17 OF 45
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
ALEXANDRIA, CITY OF 191818 0017 E

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MAP REVISED
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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 www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
 NOAA, NNG512
 National Geodetic Survey
 SSMC-3, #6202
 1215 East-West Highway
 Silver Spring, Maryland 20910-3282

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

Base map information shown on this FIRM was provided in digital format. Streamline files, road centerline and political boundary files were provided by the City of Alexandria. Digital aerial photography files, published in 2004, were also provided by the City of Alexandria. Adjustments were made to specific base map features to align them to 1"-100' digital aerial photography.

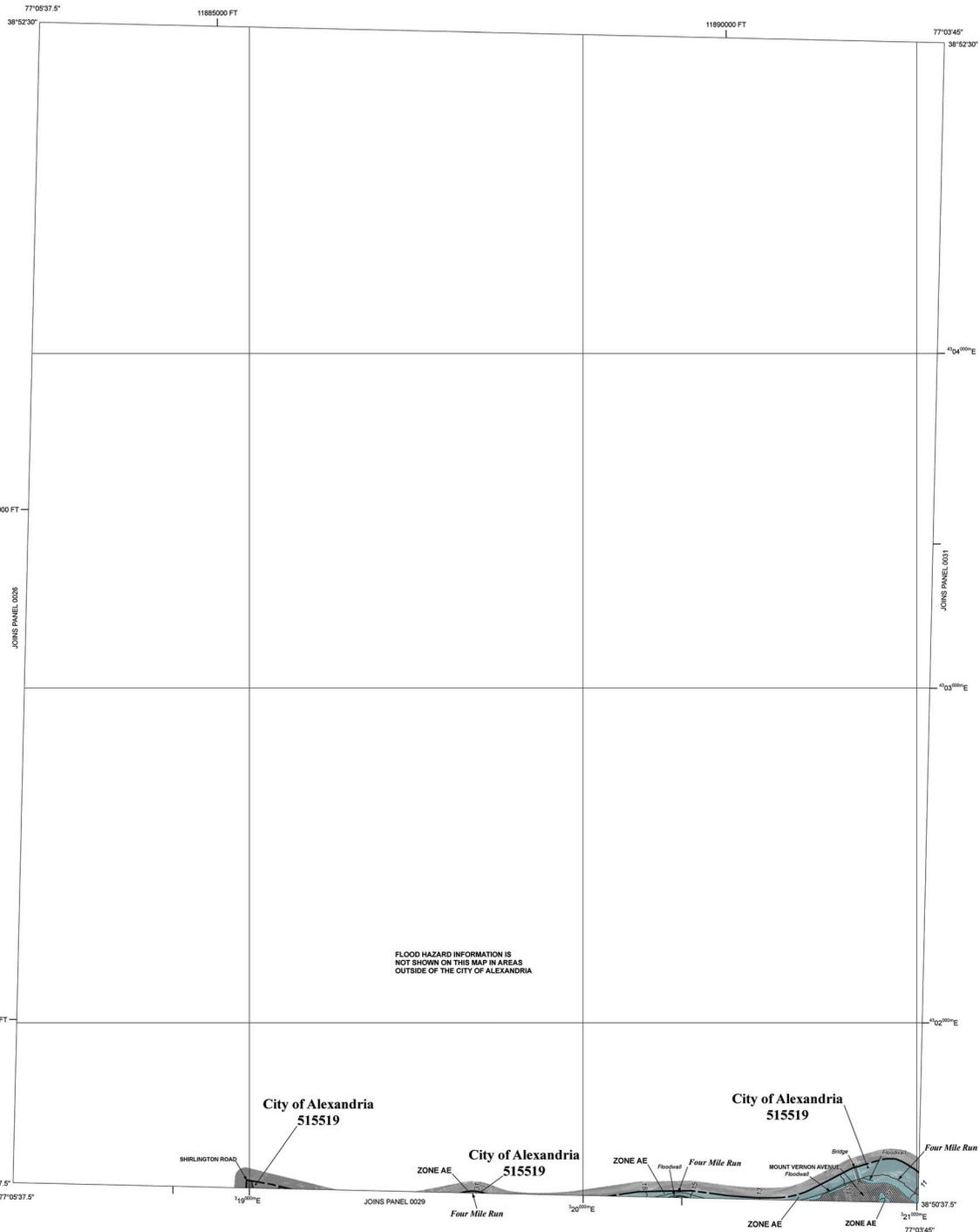
Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted 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.

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LEGEND

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

The 1% annual chance flood (100-year flood) also known as the base flood, is the flood that has a 1% chance of being equalled 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, AD, 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 Elevation determined.
- ZONE AD** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of structural 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 identified. 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 flood 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 3 feet or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.

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
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 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

- (A) Cross section line
- (B) Transsect line

87°07'45", 32°22'30"
 Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
 4760000 FT
 1000-meter Universal Transverse Mercator grid values, zone 18
 5000-foot grid (U.S. Virginia State Plane coordinate system (NAD 83), Lambert Conformal Conic)
 DXX510 U
 Bench mark (see explanation in Notes to Users section of this FIRM panel)
 1: M 1.5
 Meter scale

MAP REPOSITORY
 City Hall 301 King Street Alexandria, VA 22314 (Maps available for reference only, not for distribution)

NATURAL IDENTIFICATION
 AUGUST 22, 1969
 FLOOD HAZARD BOUNDARY MAP REVISIONS
 NONE
 FLOOD INSURANCE RATE MAP EFFECTIVE
 AUGUST 22, 1969

FLOOD INSURANCE RATE MAP REVISIONS

- May 2, 1970 - to add special flood hazard area.
- May 28, 1971 - to add special flood hazard area.
- July 1, 1974 - to change zone designations.
- October 22, 1978 - to reflect on-again-off-again flood boundary and to add special flood hazard area.
- April 30, 1982 - to change special flood hazard area, to change base flood elevations, to change zone designations, to add sheet on-again-off-again flood boundary and to add special flood hazard area.
- October 18, 1988 - to change base flood elevations, and to change special flood hazard areas.
- May 15, 1995 - to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to update map format, to add notes and real name.
- June 16, 2011 - To change base flood elevations, to add base flood elevations, to add special flood hazard areas, and to reflect updated topographic information.

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.

MAP SCALE 1" = 500'
 250 0 500 1000
 FEET
 150 0 150 300
 METERS

FLOOD HAZARD INFORMATION IS NOT SHOWN ON THIS MAP IN AREAS OUTSIDE OF THE CITY OF ALEXANDRIA

City of Alexandria
 515519

City of Alexandria
 515519

City of Alexandria
 515519

NFIP

PANEL 0027E

FIRM
 FLOOD INSURANCE RATE MAP
 CITY OF ALEXANDRIA,
 VIRGINIA
 INDEPENDENT CITY

PANEL 27 OF 45
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	SUFFIX
ALEXANDRIA, CITY OF INDEPENDENT CITY	51519	0027 E

MAP NUMBER
 515190027E

MAP REVISED
 JUNE 16, 2011

Federal Emergency Management Agency

Note to User: The Map Number shown below should be used when ordering map orders. The Community Number shown above should be used on insurance applications for the insured community.

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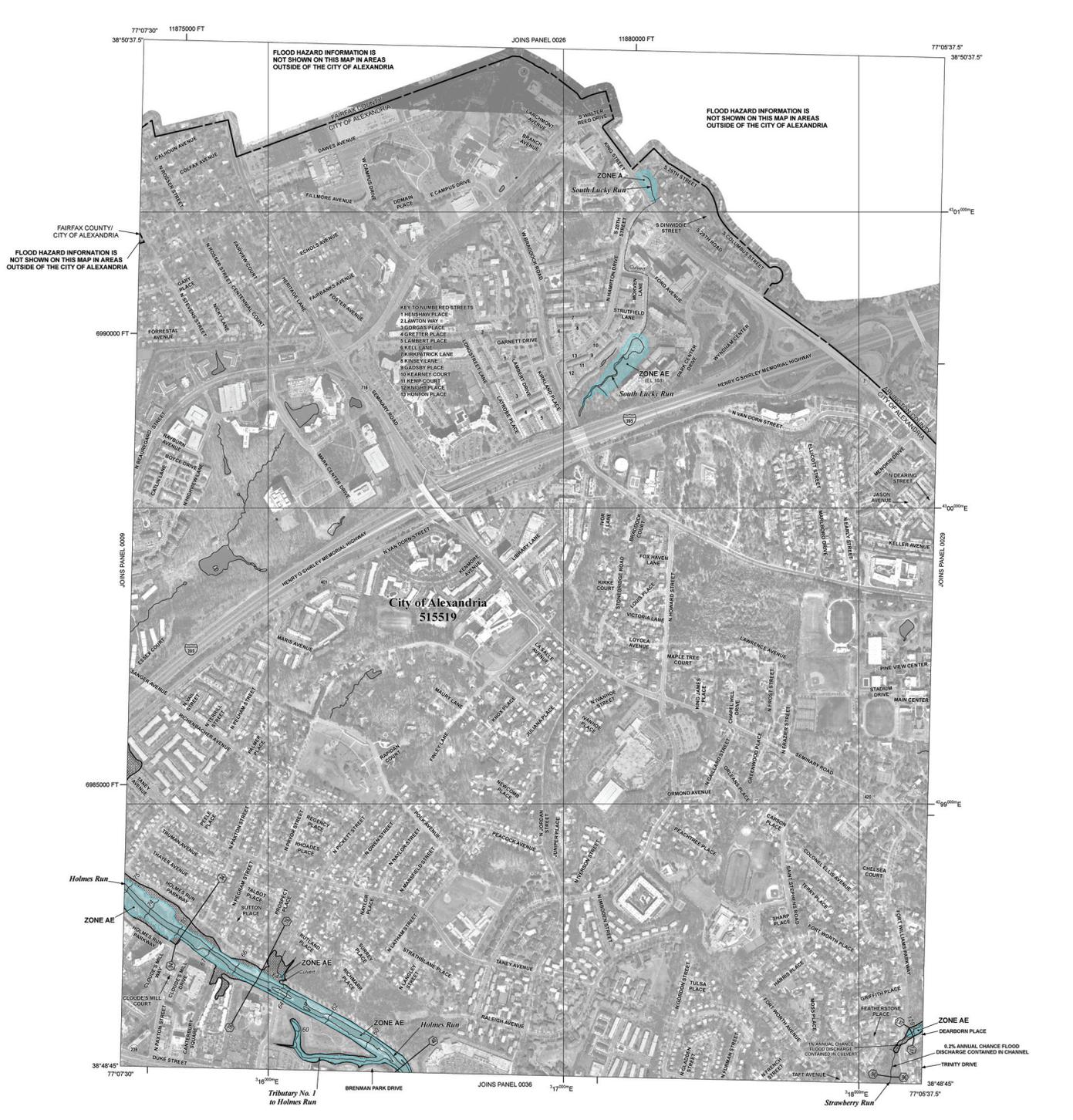
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LEGEND

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 ZONE A, AE, AH, AD, AE, AE9, 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 AD: Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alternate flooding, velocities also determined.
 ZONE AE9: Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently destroyed. Zone AE9 indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
 Areas 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); no Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE
 The floodway is the channel of a stream plus any adjacent floodplain area that must be kept free of encroachments so that the 1% annual chance flood can be carried without substantial increases in flood 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.
 OTHER AREAS:
 ZONE X: Areas determined to be outside the 0.2% annual chance floodplain.
 ZONE D: Areas in which flood hazards are undetermined, but possible.
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 OTHERWISE PROTECTED AREAS (OPAs)

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1% annual chance floodplain boundary
 0.2% annual chance floodplain boundary
 Floodway boundary
 Zone D boundary
 CBRS and OPA boundary
 Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
 Base Flood Elevation line and value; elevation in feet
 Base Flood Elevation value where uniform within zone; elevation in feet
 (E. 967)

* Referenced to the North American Vertical Datum of 1988
 (1) Cross section line
 (2) Transect line
 87°07'45", 32°22'30"
 Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
 790000
 1000-meter Universal Transverse Mercator grid values, zone 18
 5000-Foot and ticks; Virginia State Plane coordinate system (VTZON18 83), Lambert Conformal Conic, projected
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NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0028E

FIRM FLOOD INSURANCE RATE MAP
CITY OF ALEXANDRIA, VIRGINIA
INDEPENDENT CITY

PANEL 28 OF 45
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
 COMMUNITY NUMBER PREFIX
 ALEXANDRIA CITY OF 51519 0028 E

Notice to User: The Map Number shown below should be used when ordering map products. The Community Number shown above should be used on insurance applications for all risks and real estate. The date shown below is the date the map was revised. For more information on the National Flood Insurance Program, visit www.fema.gov or call 1-800-638-6362.

MAP SCALE 1" = 600'
 250 0 500 1000
 FEET
 150 0 150 300
 METERS

MAP NUMBER 515190028E
MAP REVISED JUNE 16, 2011
Federal Emergency Management Agency

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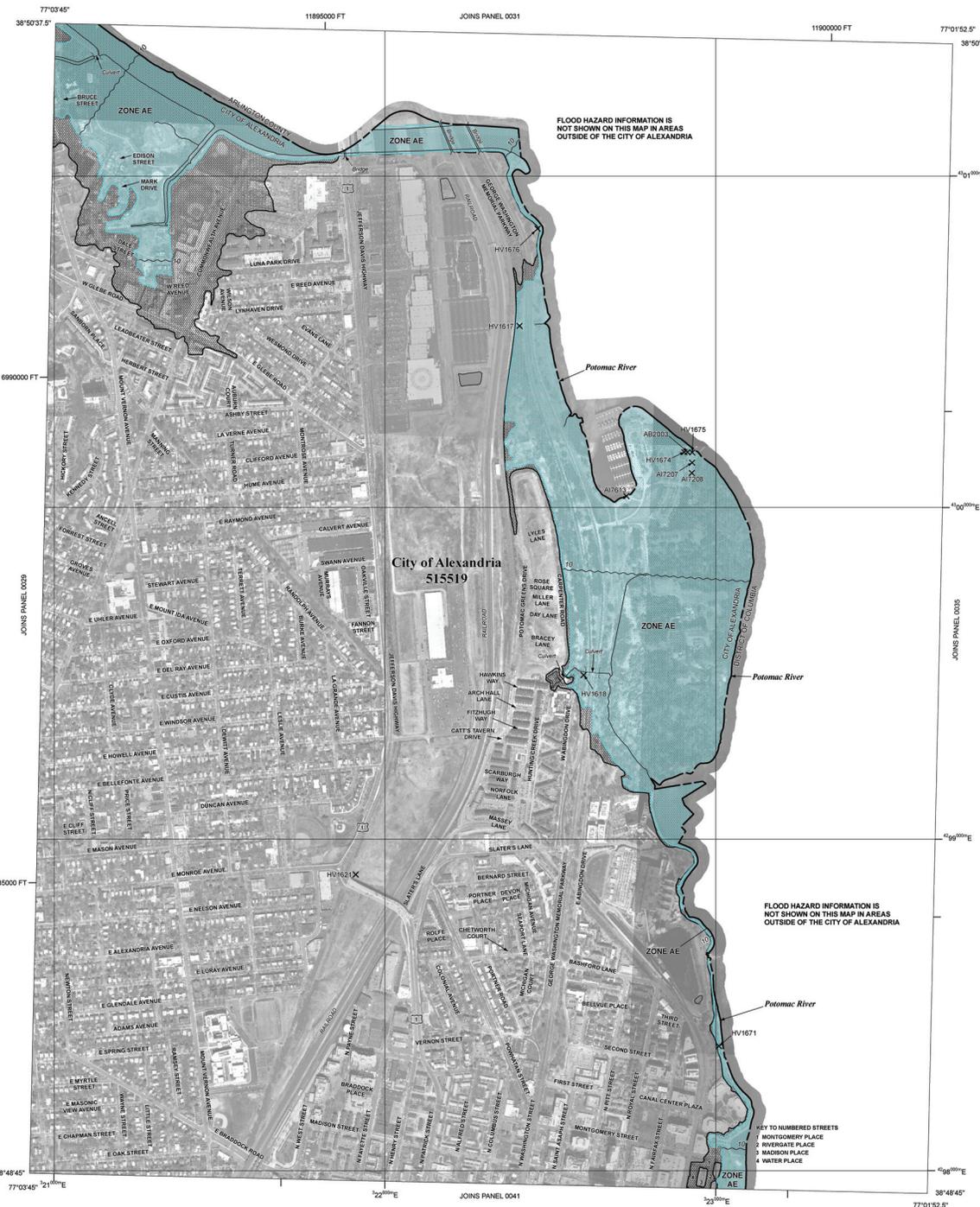
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Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community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

Please refer to the separately printed Map Index for an overview map showing the layout of map panels for this jurisdiction.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at <http://www.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information Exchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/business/info>.



LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
- ZONE A:** The 1% annual chance 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 ZONE 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 deposits, flood depths also determined.
 - ZONE AR:** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decommissioned. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
 - ZONE AR9:** Area to be protected from the 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 encroachments to assure the 1% annual chance flood can be carried without substantial increase in flood 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 average areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS**
- ZONE X:** Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.
- 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
 - 0.2% annual chance floodplain boundary
 - Floodway boundary
 - Zone D boundary
 - CBRS and OPA boundary
 - Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
 - Base Flood Elevation line and value; elevation in feet* (EL 987)
 - Base Flood Elevation value where uniform within zone; elevation in feet*

- * Referenced to the North American Vertical Datum of 1988
- Cross section line
 - Transect line
 - Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
 - 1000-meter Universal Transverse Mercator grid values, zone 18
 - 5000-foot grid ticks; Virginia State Plane coordinate system (VPZONE 1803), Lambert Conformal Conic projection
 - Bench mark (see explanation in Notes to Users section of this FIRM panel)
 - M.S.1

MAP REPOSITORY
 City Hall 301 King Street Alexandria, VA 22314 (Maps available for reference only, not for distribution)

INITIAL ESTABLISHMENT
 AUGUST 22, 1969

FLOOD HAZARD BOUNDARY MAP REVISIONS

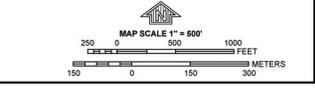
FLOOD INSURANCE RATE MAP REVISIONS

AUGUST 22, 1969

FLOOD INSURANCE RATE MAP REVISIONS

- May 2, 1970 - to add special flood hazard area.
- May 28, 1971 - to add special flood hazard area.
- July 1, 1974 - to change zone designations.
- October 22, 1978 - to reflect updated flood boundaries and to add special flood hazard area.
- April 30, 1982 - to change special flood hazard area, to change base flood elevations, to change zone designations, to add street centerline boundaries, to convert to 2-foot format, and to change to FIRM file format.
- October 18, 1988 - to change base flood elevations, and to change special flood hazard areas.
- May 15, 1991 - to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to update map format, and to add notes and real name changes.
- June 15, 2011 - to change base flood elevations, to add base flood elevations, to add special flood hazard areas, and to reflect updated topographic information.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6622.



NFIP

PANEL 0033E

FIRM
FLOOD INSURANCE RATE MAP
CITY OF ALEXANDRIA,
VIRGINIA
INDEPENDENT CITY

PANEL 33 OF 45
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
 COMMUNITY NUMBER PREFIX
 ALEXANDRIA CITY OF 19181 0033 E

Notice to User: The Map Number shown below should be used when purchasing maps. The Community Number and Panel Number should be used on insurance applications for this community.

MAP NUMBER
515190033E

MAP REVISED
JUNE 16, 2011

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.

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 and/or Summary of Stillwater Elevations tables contained within 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 to 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 Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables 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 in this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 18. The horizontal datum was NAD 83, GRS 80 spheroid. Differences in datum, spheroid, projection or UTM 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. 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 www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
 NOAA, NWS512
 National Geodetic Survey
 SSMC-3, #6202
 1315 East-West Highway
 Silver Spring, Maryland 20910-3282

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

Base map information shown on this FIRM was provided in digital format. Streamline files, road centerline and political boundary files were provided by the City of Alexandria. Digital aerial photography files, published in 2004, were also provided by the City of Alexandria. Adjustments were made to specific base map features to align them to 1"=100' digital aerial photography.

Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations 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 map showing the layout of map panels for this jurisdiction.

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LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INSURANCE BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equal or exceeded in any year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AO, AH, CO, AR, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE AE No Base Flood Elevations determined.
 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 ponding 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 decommissioned. 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 left free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood 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 acre; areas not protected by levees from the 1% annual chance flood.

OTHER AREAS

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

ZONE D Areas in which flood hazards are undetermined, but possible.

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.

0.2% annual chance floodplain boundary
 Floodway boundary
 Zone D boundary
 CBRS and OPA boundary
 Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities
 Base Flood Elevation line and value; elevation in feet
 513
 Base Flood Elevation value where uniform within zone; elevation in feet

Referenced to the North American Vertical Datum of 1988
 Cross section line
 Transsect line
 Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
 1000-meter Universal Transverse Mercator grid values, zone 18
 5000-foot grid ticks; Virginia State Plane coordinate system (FIPSZONE 4501), Lambert Conformal Conic projection
 Bench mark (see explanation in Notes to Users section of this FIRM panel)
 River Mile
 M1.5

MAP REPOSITORY
 City Hall 301 King Street Alexandria, VA 22314 (Maps available for reference only, not for distribution)
 NATURAL ESTABLISHMENT
 AUGUST 22, 1969
 FLOOD HAZARD BOUNDARY MAP REVISIONS
 NONE
 FLOOD INSURANCE RATE MAP EFFECTIVE
 AUGUST 22, 1969
 FLOOD INSURANCE RATE MAP REVISIONS
 NONE
 May 28, 1970 - to add special flood hazard area.
 May 28, 1971 - to add special flood hazard area.
 July 1, 1974 - to change zone designations.
 October 22, 1978 - to reflect on-shore flood boundary and to add special flood hazard area.
 April 30, 1982 - to change special flood hazard area, to change base flood elevations, to change zone designations, to add street to on-shore flood boundary, and to change to FIRM title block.
 October 18, 2008 - to change base flood elevations, and to change special flood hazard areas.
 May 15, 1991 - to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to update map format, and to add roads and real estate.
 June 15, 2011 - To change base flood elevations, to add base flood elevations, to add special flood hazard areas, and to reflect updated topographic information.

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.

MAP SCALE 1" = 500'
 250 0 500 1000
 150 0 150 300
 FEET
 METERS

NFIP

PANEL 0036E

FIRM
FLOOD INSURANCE RATE MAP
CITY OF ALEXANDRIA,
VIRGINIA
INDEPENDENT CITY

PANEL 36 OF 45
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
 COMMUNITY NUMBER
 ALEXANDRIA, CITY OF 51515 3006 E

NATIONAL FLOOD INSURANCE PROGRAM

MAP NUMBER
5151590036E
MAP REVISED
JUNE 16, 2011
Federal Emergency Management Agency

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number and Panel Number should be used on insurance applications for the insured community.

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 and/or Summary of Stillwater Elevations tables contained within 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 to 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 Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables 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 in this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 18. The horizontal datum was NAD 83, GRS 80 spheroid. Differences in datum, spheroid, projection or UTM 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. 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 www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
 NOAA, NWS512
 National Geodetic Survey
 SSMC-3, #6202
 1315 East-Vienna Highway
 Silver Spring, Maryland 20910-3282

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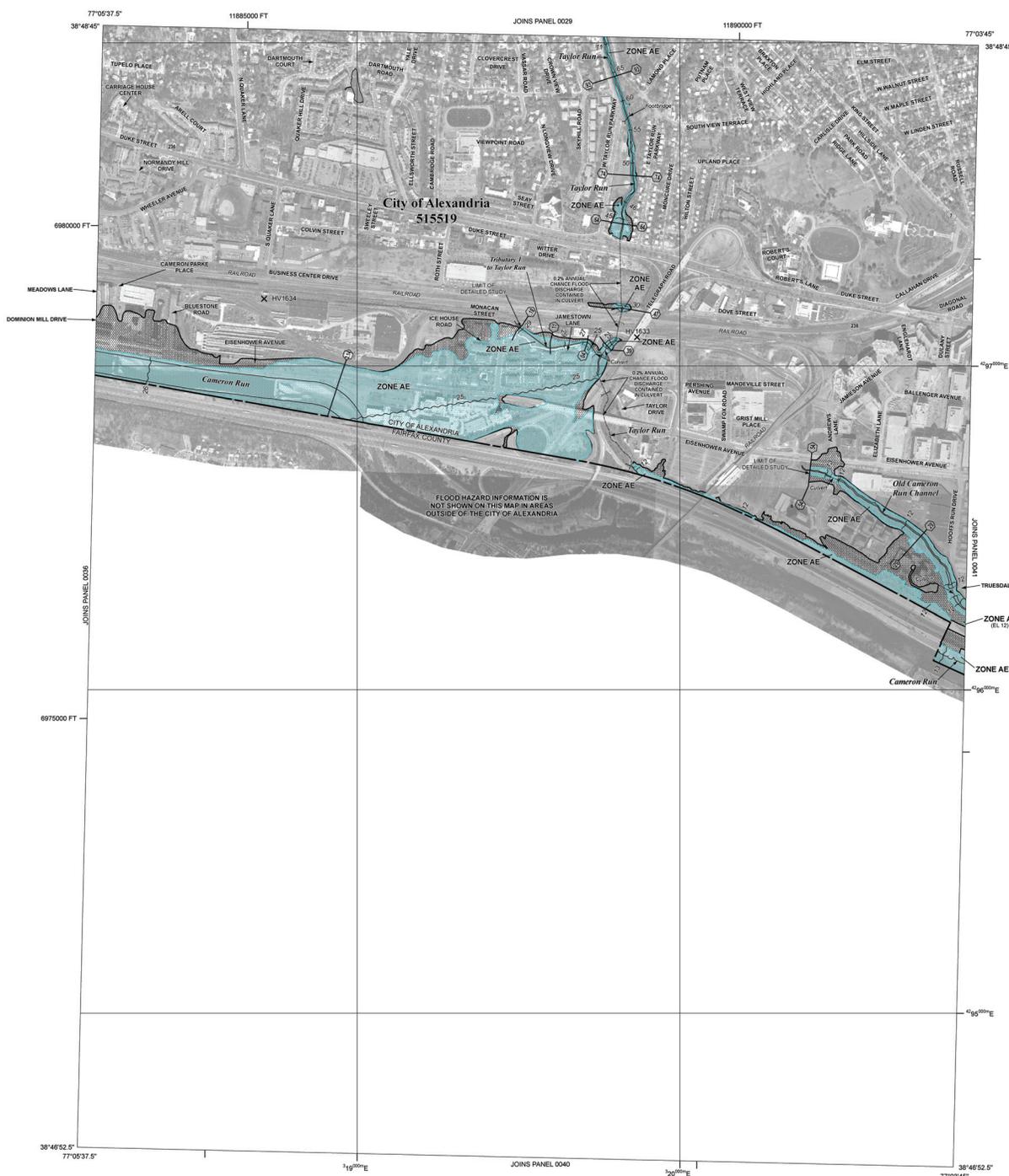
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LEGEND

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

The 1% annual chance flood (100-year flood) shown on 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 this 1% annual chance flood. Areas of special flood hazard include Zones A, AE, AH, AO, AR, AV, 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 Elevation determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of structural 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 identified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE AR** 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); no 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 encroachments to the 1% annual chance flood on or carried without substantial increase in flood 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 drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS**
- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.

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
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- Zone AE boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 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

- 87°07'45", 32°22'30"
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 100-meter Universal Transverse Mercator grid values, zone 18
- 5000-foot grid (ICRS): Virginia State Plane coordinate system (FZCONE 851), Lambert Conformal Conic
- DXX510 ±
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- Flow line
- MAP REPOSITORY
- City Hall 301 King Street Alexandria, VA 22314 (Maps available for reference only, not for distribution)
- INITIAL ESTABLISHMENT
- AUGUST 22, 1969
- FLOOD HAZARD BOUNDARY MAP REVISIONS
- NONE
- FLOOD INSURANCE RATE MAP EFFECTIVE
- AUGUST 22, 1969
- FLOOD INSURANCE RATE MAP REVISIONS
- NONE
- May 2, 1970 - to add special flood hazard area.
- May 28, 1971 - to add special flood hazard area.
- July 1, 1974 - to change zone designations.
- October 22, 1975 - to reflect on-ridge flood boundary and to add special flood hazard area.
- April 30, 1982 - to change special flood hazard area, to change base flood elevations, to change zone designations, to add street-to-ridge flood boundary and to add special flood hazard area.
- October 18, 1988 - to change base flood elevations, and to change special flood hazard areas.
- May 15, 1991 - to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to update map format, and to add roads and rail name.
- June 15, 2011 - To change base flood elevations, to add base flood elevations, to add special flood hazard areas, and to reflect updated topographic information.

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.

MAP SCALE 1" = 600'

250 500 1000
 FEET
 150 300
 METERS

NFIP

PANEL 0037E

FIRM

FLOOD INSURANCE RATE MAP

CITY OF ALEXANDRIA, VIRGINIA

INDEPENDENT CITY

PANEL 37 OF 45
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ALEXANDRIA, CITY OF (INDEPENDENT CITY)	51515	0037	E

Notice to User: The Map Number shown below should be used when ordering map orders. The Community Number shown above should be used on insurance applications for the insured community.

MAP NUMBER
 515150037E

MAP REVISED
 JUNE 16, 2011

Federal Emergency Management Agency