

JOINS PANEL 0440

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes. *Zone X*

SCALE

Map Projection:
 Universal Transverse Mercator/NAD 1983 UTM Zone 12N
 Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet

0 62.5 125 250 Meters

FEMA National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
 FLOOD INSURANCE RATE MAP

SALT LAKE COUNTY, UTAH
 and Incorporated Areas

PANEL 419 OF 625

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
RIVERTON, CITY OF	490104	0419	G
HERRIMAN, TOWN OF	490252	0419	G
BLUFFDALE, CITY OF	490247	0419	G

REVISED TO REFLECT LOMR EFFECTIVE: February 7, 2022

VERSION NUMBER 1.1.1.0
 MAP NUMBER 49035C0419G
 MAP REVISED SEPTEMBER 25, 2009

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 Elevation (BFE)** and/or **Floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRMs. Users should be aware that BFEs shown on the FIRMs 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 should be utilized in conjunction with the FIRMs for purposes of construction and/or floodplain management.

Coastal Base Flood Elevation (CBFE) shown on this map apply only landward of 0.2' North American Vertical Datum (NAVD83). Users of this FIRMs should be aware that coastal flood elevations may also be provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this community. Elevations shown in the Summary of Stillwater Elevations table should be used for construction, and/or floodplain management purposes when they are higher than the elevations shown on this FIRMs.

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 is Universal Transverse Mercator (UTM) zone 12. The **horizontal datum** is NAD83, GRS'180 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 the FIRMs.

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:

Spatial Reference System Division
National Geodetic Survey, NOAA
Silver Spring Metro Center
1315 East West Highway
Silver Spring, Maryland 20910
(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 their website at www.ngs.noaa.gov.

Base map information shown on this FIRMs was provided in digital format by the Salt Lake County Planning Department.

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 of the county showing the layout of map sheets, 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 ponds on which each community is located.

An accompanying Flood Insurance Study report, Letters of Map Revision or Letters of Map Amendment (revising portions of this panel), and digital versions of this PANEL may be available. Contact the **FEMA Map Service Center** at the following phone numbers and internet address for information on all related products available from FEMA:

Phone: 800-358-9616
FAX: 800-358-9620
<http://www.fema.gov>

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA-MAP** (1-877-336-2622) or visit the FEMA website at <http://www.fema.gov/national-firm>.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRMs for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRMs 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 may reflect stream channel distances that differ from what is shown on this map.

LEGEND

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

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 Areas in the areas subject to the 1% annual chance flood are 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 flooding, velocities also determined.
- ZONE AR**
Area of special flood hazard formally protected from the 1% annual chance flood event by a flood control system that was subsequently identified as Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance flood.
- ZONE A99**
Area to be protected from 1% annual chance flood event 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 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 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.

- 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 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
- Cross Section Line
- Transect Line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 4276000A 1000-meter Universal Transverse Mercator grid values, zone 12
- 600000 FT 9000-foot grid lines
- DX5510X Bench mark see explanation in Notes to Users section of this FIRMs panel.
- MT.5 River Mile

MAP REPOSITORY
Refer to Repository Listing or Index Map

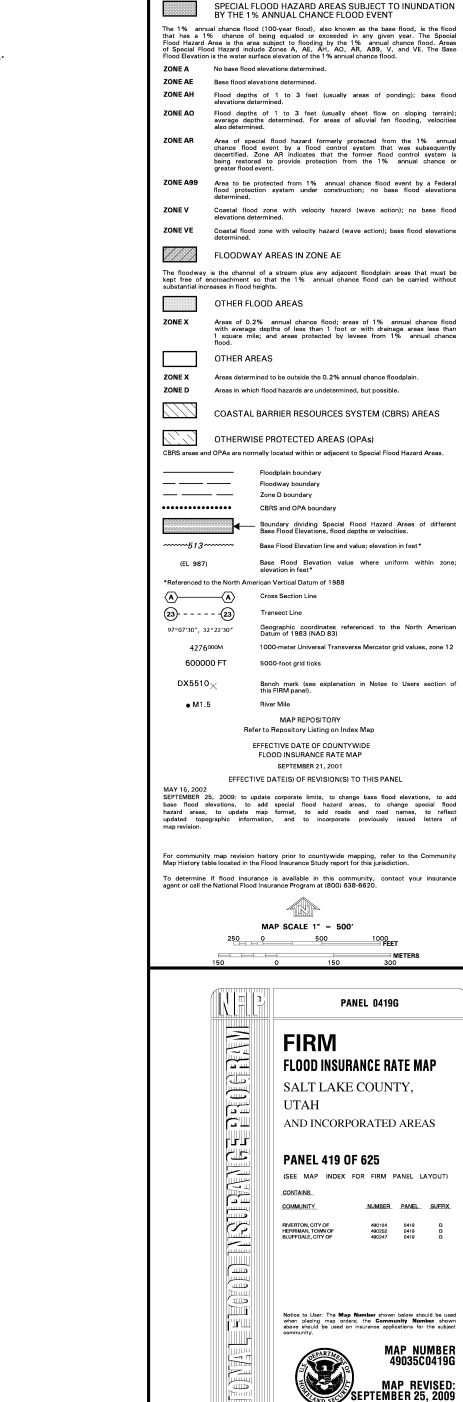
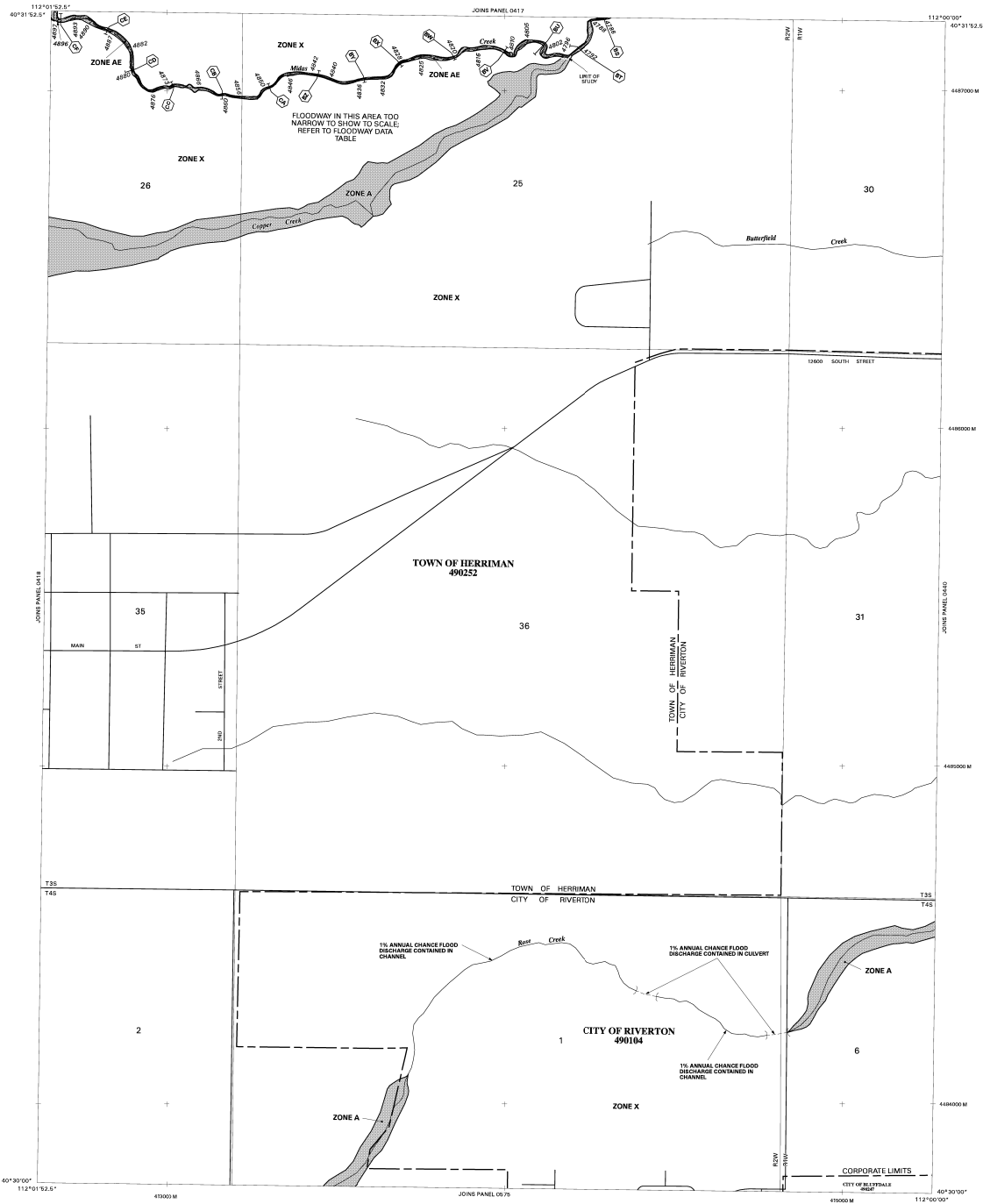
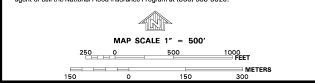
EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
SEPTEMBER 21, 2001

EFFECTIVE DATES OF REVISIONS TO THIS PANEL

- MAY 15, 2002
- SEPTEMBER 25, 2002 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 update and add notes, to reflect updated topographic information, and to incorporate previously issued letters of map revision.

For community map revision history prior to countywide mappings, 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, visit the community map repository or call the National Flood Insurance Program at (800) 638-6622.



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0419G

FIRM FLOOD INSURANCE RATE MAP
SALT LAKE COUNTY, UTAH AND INCORPORATED AREAS

PANEL 419 OF 625

SEE MAP INDEX FOR FIRM PANEL LAYOUT

COUNTY	JURISDICTION	PANEL	SUFFIX
RIVERTON CITY OF	AE014	419	G
HERRIMAN CITY OF	AE015	419	G
RIVERTON CITY OF	AE016	419	G

Notes to User: The Map Number shown below should be used when identifying map sheets. The Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER 49035C0419G

MAP REVISED: SEPTEMBER 25, 2009

Federal Emergency Management Agency