

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 **roadways** have been determined, users are encouraged to consult the Flood Profile and Roadway Data 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 should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevation (CBFE) shown on this map apply only landward of 0.5' North American Vertical Datum (NAVD83). Users of the FIRM should be aware that coastal flood elevations may also be provided in the Summary of Elevation Data table in the Flood Insurance Study report for this community. Elevations shown in the Summary of Elevation Data 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 **roadways** were computed at cross sections and interpolated between cross sections. The roadways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Roadway widths and other pertinent roadway 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 13. The horizontal datum is NAD83. GPS1980 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 FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1983. 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 1983, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

Vertical Network Branch, NCG13
National Geodetic Survey, NOAA
Silver Spring Metro Center 2
1316 East West Highway
Silver Spring, Maryland 20910
(301) 713-3191

To obtain current elevation, description, and/or location information for **benchmarks** 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 by U.S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12000 from photography dated 1992 or later.

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

An accompanying Flood Insurance Study report, Letters of Map Revision or Letters of Map Amendment listing 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: 800-358-5816
FAX: 800-358-5870
www.fema.gov/nsc

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at www.fema.gov.

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 Profile and Roadway Data tables in the Flood Insurance Study report may reflect stream channel distances that differ from what is shown on this map.

104°13'07.5"
43°52'22.5"

THIS FIRM IS A PART OF THE NATIONAL FLOOD INSURANCE PROGRAM
AND IS SUBJECT TO THE FLOOD INSURANCE ACT OF 1968, AS AMENDED
AND THE FLOOD INSURANCE RATE MAP ACT OF 1974, AS AMENDED
AND THE FLOOD INSURANCE RATE MAP ACT OF 1974, AS AMENDED

JOINT PANEL 0059

JOINT PANEL 0060

43°50'30"
104°13'07.5"

JOINT PANEL 0059

43°50'30"
104°13'11.5"

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 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, X, 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 3 to 6 feet (usually areas of ponding); base flood elevations determined.
- ZONE AR** Areas of special flood hazard formerly protected from the 1% annual chance flood event by a flood control system (levee, dike, or other flood control system) that is no longer in existence. The 1% annual chance flood event is provided protection from the 1% annual chance flood event.
- ZONE A99** Areas 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); 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 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 discharge 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 floodplains.

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.

- Photocopy Boundary
- Floodway Boundary
- Zone D Boundary
- Coastal Barrier 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; exception in feet
- Referenced to the North American Vertical Datum of 1983
- Cross Section Line
- Transect Line
- Orthographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 43766661
- 1000-meter Universal Transverse Mercator grid values, zone 13
- 5000-foot grid lines
- DX5511
- Beach wave time explanation in Notes to Users section of the FIRM panel
- Flow Mile

*Referenced to the North American Vertical Datum of 1983

City, Hall, 10 West Warwick, Newcastle, Wyoming 82701 (Maps available for reference only, not for distribution)

INITIAL IDENTIFICATION
AUGUST 30, 1974
FLOOD HAZARD BOUNDARY MAP REVISIONS
OCTOBER 10, 1976 APRIL 3, 1978
FLOOD INSURANCE RATE MAP EFFECTIVE
MAY 1, 1989

April 3, 2003 to update insurance rates, to add base flood elevations, to change special flood hazard areas, to update map format, to add roads and road names, and to reflect updated geographic information.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-8620.

MAP SCALE 1" = 500'

250 500 1000 FEET

150 5 150 300 METERS

PANEL 0027 D

FIRM

FLOOD INSURANCE RATE MAP

CITY OF
NEWCASTLE,
WYOMING

WESTON COUNTY

PANEL 27 OF 50

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY: NEWCASTLE, CITY OF

NUMBER: 46067

PANEL: 0027

SUFFIX: D

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, to the extent necessary.

MAP NUMBER
5606570027 D

MAP REVISED:
APRIL 2, 2002

Federal Emergency Management Agency