## 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 Sillwater Elevations tables in the Flood insurance Study report for this jurisdiction. Elevations shown in the Summary of Sillwater 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

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

The projection used in the preparation of this map was California State Plane II zone. The horizontal datum was NAD 83, GRS80. 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. 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 1922 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <a href="https://doi.org/10.1007/j.com/nor.noss.gov/">https://doi.org/10.1007/j.com/nor.noss.gov/</a> or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, N/NGS12 National Geodelic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

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 its website a http://www.ngs.noaa.gov.

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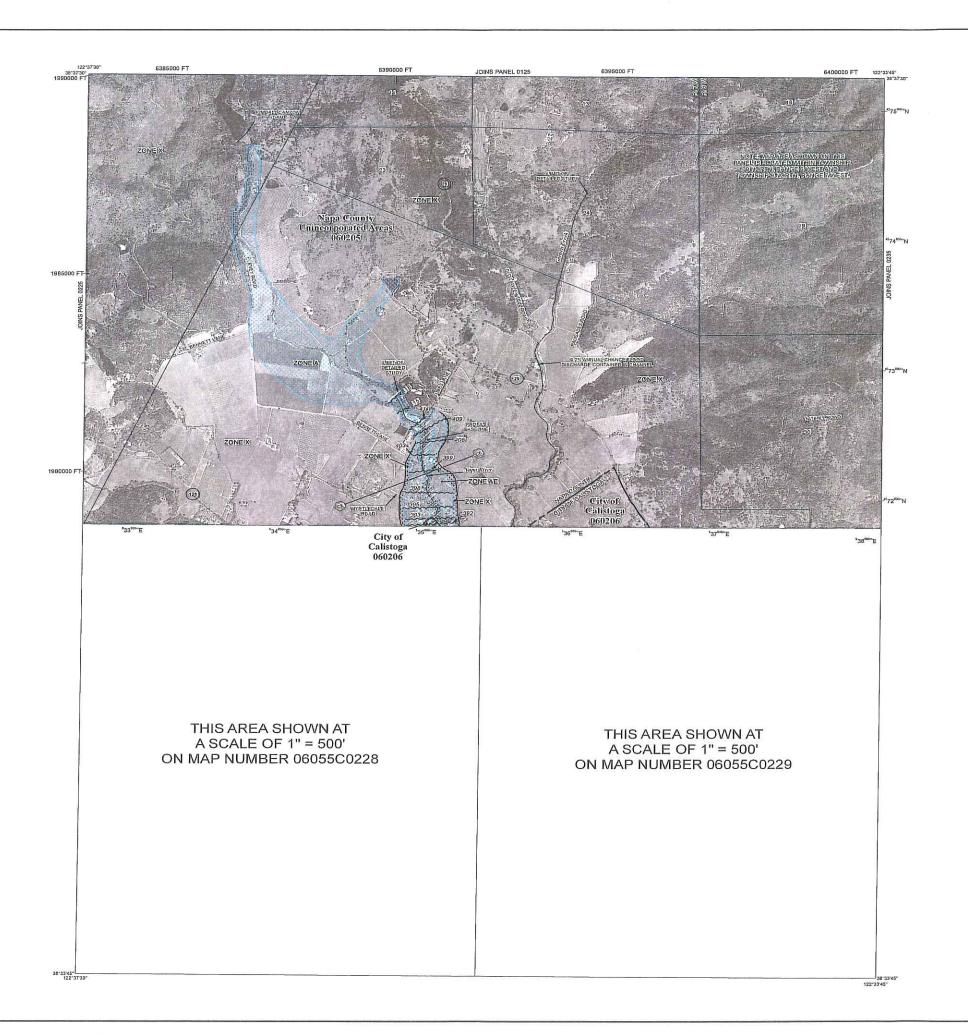
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Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community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

Contact the FEMA Map Service Center at 1-800-358-9816 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9820 and its website at <a href="https://msc.fema.cov">https://msc.fema.cov</a>.

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 will the FEMA website at history.experience.



## **LEGEND**

ZONE V

ZONE D

~~ 513~~~

87"07'45", 32"22'30"

\*476\*\*\*\*N 600000 FT

(EL 987)

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

ZONE AE

Base Flood Elevations determined. ZONE AH

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood

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

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.

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

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

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

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 X ZONE X

OTHER AREAS 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)

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

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

Cross section line

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

1000-meter Universal Transverse Mercator grid values, zone

5000-foot grid ticks: California State Plane coordinate system, zone II (FIPSZONE 0402), Lambert Conformal Conic

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

●M1.5 River Mile

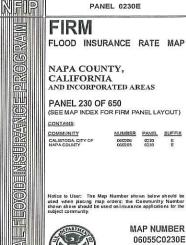
EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP September 28, 2008

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.





MAP NUMBER 06055C0230E EFFECTIVE DATE

SEPTEMBER 26, 2008

Federal Emergency Management Agency

## NOTES TO USERS

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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 perfluent 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

The projection used in the preparation of this map was California State Plane II zone. The horizontal datum was NAD 83, GRS80, 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. 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 <a href="https://www.nos.noaa.gov">https://www.nos.noaa.gov</a> or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, N/NGS12 National Geodetic Survey SSMC-3, #5202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

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If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-677-336-2627) or visit the FEMA website at <a href="http://www.fema.gov">http://www.fema.gov</a>.



### LEGEND

ZONE AR

ZONE A99

ZONE X

ZONE D

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, A99, V, and VE. The Base Flood Elevation is the water-surface devalution of the 1% annual chance flood.

ZONE A 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

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

Area to be protected from 1% annual chance flood by a Federal floor protection system under construction; no Base Flood Elevation:

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

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

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 Zone D boundary

CBRS and OPA boundary ......

Base Flood Elevation line and value: elevation in feet\*

Base Flood Elevation value where uniform within zone; elevation in feet! (EL 987)

(A)-Transect line

87°07'45", 32°22'30'

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere 1000-meter Universal Transverse Mercator grid values, zone

600000 FT

● M1.5

DX5510 ~

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

September 26, 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.

250 0 500

PANEL 0229E **FIRM** 

FLOOD INSURANCE RATE MAP

NAPA COUNTY, CALIFORNIA

PANEL 229 OF 650

080206 0229 E 060205 0229 E

CALISTOGA, CITY OF



06055C0229E EFFECTIVE DATE **SEPTEMBER 26, 2008** 

MAP NUMBER

Federal Emergency Management Ago

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Construction and/or tocopian management.

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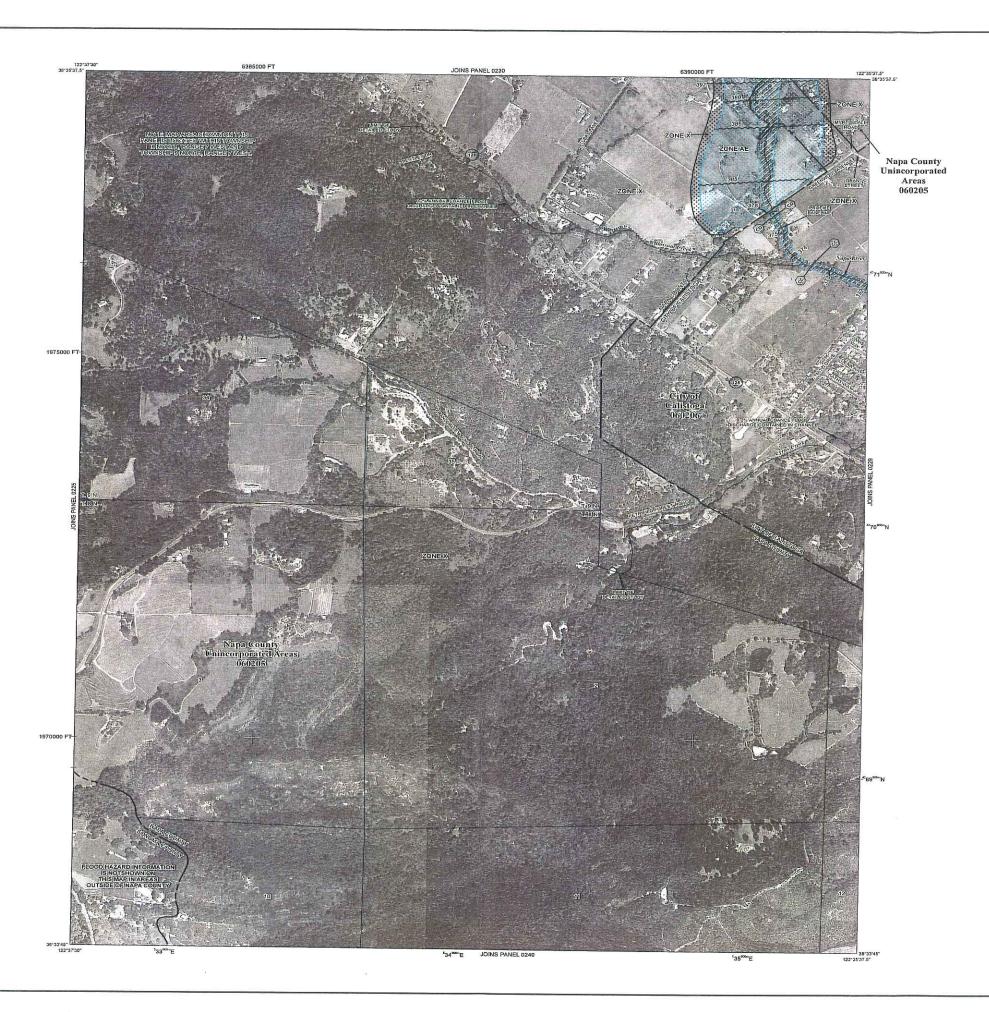
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## **LEGEND**

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ZONE A No Base Flood Elevations determined

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

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

Coastal flood zone with velocity hazard (wave action); no Base Flood Coestal 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% ennual chance flood can be carried without substantial increases in flood fleights.

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

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS OTHERWISE PROTECTED AREAS (OPAs)

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

1% annual chance floodolain boundary 0.2% annual chance floodplain boundary

\_\_\_\_\_ Zone D 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. ~~~ 513 ~~~

(EL 987) Base Flood Elevation value where uniform within zone; elevation in feet\*

-(A)

Transect line

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

276×€5N

600000 FT

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

River Mile

9 M1.5

MAP REPOSITORY Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP September 26, 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.

MAP SCALE 1" = 500'



PANEL 228 OF 650

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

PANEL 0228E

CONTAINS:

CALISTOGA CITY OF



06055C0228E EFFECTIVE DATE **SEPTEMBER 26, 2008** 

MAP NUMBER

NUMBER PANEL SUFFIX

060206 0228 E 060205 0228 E

Federal Emergency Management Agency



Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been estab-

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620, or (800) 424-8872.



APPROXIMATE SCALE

1000 FEET

NATIONAL FLOOD INSURANCE PROGRAM

# FIRM FLOOD INSURANCE RATE MAP

CITY OF CALISTOGA, **CALIFORNIA** NAPA COUNTY

ONLY PANEL PRINTED



COMMUNITY-PANEL NUMBER 060206 0005 B

> **EFFECTIVE DATE: SEPTEMBER 28, 1979**

U.S. DEPARTMENT OF HOUSING 5 AND URBAN DEVELOPMENT FEDERAL INSURANCE ADMINISTRATION/

CI CI I TION DECEDENCE MADIC