NOTES TO USERS

This map is for use in administering the National Flood insurance Program. If 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 Floodways Date and/or Summany of Stitulest Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. beets should be aware that BFEs shown on the FIRM episteant 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 F lood 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 Silkware Elevations tables in the Flood Insurance Study report for this puradiction. Elevations shown in the Summary of Silkware Elevations tables should be used for condituction and/or flood/pian 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. Ploodway widths and other pertnernt floodway date are provided in the Flood Insurance Study report for this pridection.

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 intelligibilities.

The projection used in the proparation of this map was Universal Transverse Mercator (UTM) Zone 10N. The horizontal datum was NAD 83, GRS80 sopheroid. Differences in datum, sopheroid, projection or UTM zone used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features posis, jurisdictions unay result in slight positional differences in map features posis, 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 detum. 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 https://www.mss.noss.gov or contact the National Geodetic Survey at the following address:

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

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

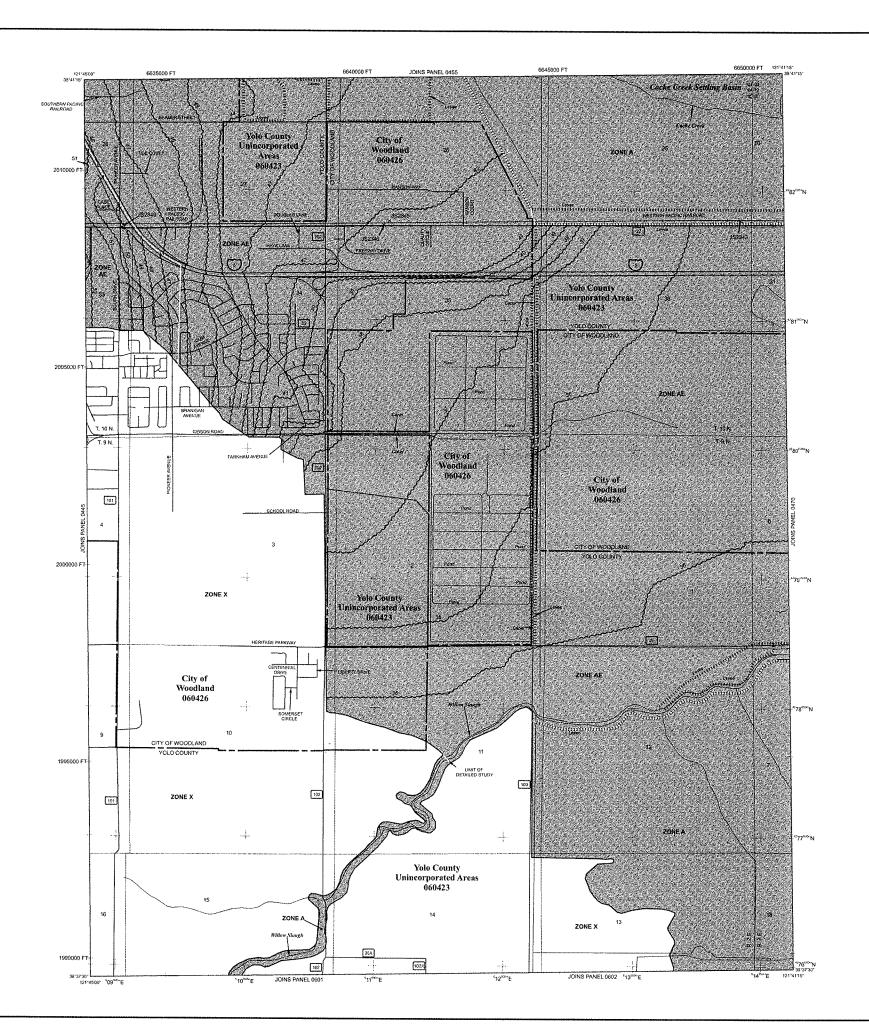
This map refers more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodyletins and floodways that were transferred from the previous FIRM may have been adjusted to confirm to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which condrines authorative hydractic 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 annovations 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 panels; community map repository addresses, and a Listing of Communities table containing National Food Insurance Programd office or coch community of well as a listing of the penels on which each community of losted.

Contact the FEMA Map Service Center at 1-800-358-9816 for information on available products associated with the FIRM. Available products may include previously issued Lattles of Map Change, a Flood insurance Study report, andion digital vertices of this map. The FEMA Map Centra Center may also be reached by Fax at 1-900-359-9620 and at website at high-insections got.

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.



LEGEND

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

The 1% annual flood (100-year flood), also known as the base flood, is the flood of 1% clones of being equaled or excessed in any given year. The Special Food Hazerd A mean subject to flooding by the 1% annual schare flood. Areas of Special Food Hazerd Clones, A. E., AH, AO, AR, ASP, V., and VE. The Base Flood Elevation is the waterward of the Special Food Hazer A flood of the Special Flood Hazer A

ZONE A No Base Flood Elevations determined

ZONE AH

Flood depths of 1 to 3 feet (usually areas of pending); Base Flood Elevations determined. Flood depths of 1 to 3 feet (usually sheet flow on sluping errain); average depths determined. For areas of altoxial fan flooding, velocities also determined. ZONE AO

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

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

FLOODWAY AREAS IN ZONE AF

The floodings is the channel of a stream plus any ediploral floodstain areas that must be kept face of ercondentment so that the 1% onnual chance flood can be carried without substantial increases in flood heights.

ZONE X 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 floodolain

ZONE X

Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

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

Floodplain boundary -----Floodway housdays

Zone D boundary

CBAS 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* (Et 987)

(23)-----(23)

Transect line 87"07"45", 32"22"30"

476500N 1900-meter Universal Transverse Mercator grid values, zone NAD 1983 UTM Zone 19N

600000 FT 5000-foot grid values: California State Plane coordinate system, zone II (FIPSZONE 0402), Lambert Conformal Conic

Bonch mark (see explanation in Notes to Users section of this FIRM panel)

●M1.6 River Mile

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP June 18, 2010 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 cell the National Flood Insurance Program at 1-803-638-6620.



MAP SCALE 1" = 1000" 500 0 1000

