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 tables contained within the Flood Insurance Study (FIS) report that accompanies in FIRM. Users should be aware that EREs shown on the FIRM represent rounded whole-floot elevations. These BFEs are intended for flood insurance of the FIRM representation of the FIRM representation of the FIRM representation of the FIRM representation Accordingly, flood elevation information. Accordingly, flood elevation ladar presented in the FIRM for purposes of construction and/of foodplate management.

constructions amount occopial management. Coastal Base Flood Elevations shown on this map apply only landward of 0.0 North American Vertical Datum of 1988 (NAVID 98), Users or fiss FRIM should be aware that, coastal flood elevations are also provided in the Summary of Sillwater Elevations state in the Flood Insurance Study report for this justication. Bellevations shown the Summary of Sillwater Elevations show also exhaus the summary of Sillwater Elevations show the Summary of Sillwater Elevations show the Summary of Sillwater Elevations show the should be used for constitution and/or floodpain management purposes when they are higher than the developed software on the FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydrautic 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 for this

The projection used in the preparation of this map was Arizona Central State Plane zone FIPSCOME COZO, International Feet. The horizontal datum was considered to the project of the pro

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 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 1923 and North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.ngas.gov or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, NINGS12 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 bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from multiple sources. Base map imagery for eastern Prina County was provided in digital format by the Prina Association of Covernments. These data were developed at 1-food Ground Sample Datance (GSD) from code setting photography flowin in 2002. Base map imagery for vestern Prina County was deviced from LIGSG largey available for managery for vestern Prina County was deviced from LIGSG largey available for 2006 and 2007.

This map may reflect more detailed and up-to-date stream channel configurations has mote shown on the previous FRM for this justicition. The floodpains and floodpains that were trainered from the previous FRM may have been adjusted to conform to these new stream channel configurations. As a result, the Frood Profiles and Froodpains (based in the Frood Instrume arone Sough Report (which contains authoritative high date, data) may reflect stream channel distances that differ from what is shown on this may.

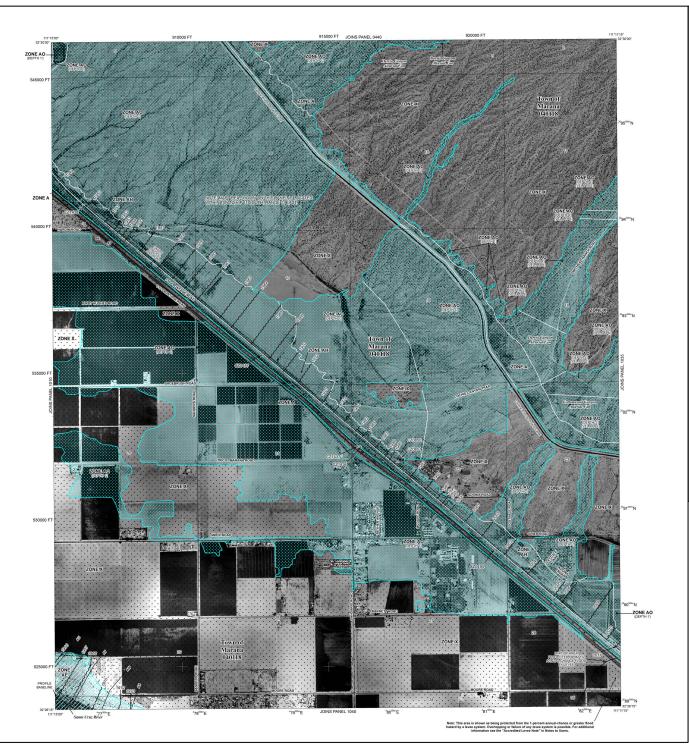
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annaxations or de-annexations may have occurred after this map was published, may users should contact appropriate community officials to verify current corporate limit locations.

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 Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM, visit the Map Service Center (IMSC) website at http://misc.feming.or/. Available products may include previously issued Letters of Map Change, a flood insurance Study Report, artistic aglital 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-NAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/filip.

Accredited Levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance-level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To mitigate lever system's sincern as proving protection for active so it may pair. To mingate the food risk in residual risk areas, properly owners and residents are encouraged to consider flood insurance and floodporting or other protective measures. For more information or flood insurance, interested parties should visit the FEMA Website at http://www.fema.gov/business/ripinidex.shtm.



LEGEND

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

The 1% annual flood (1,00-year flood), also known as the base flood, is the flood that has a 1% chance of being equied or exceeded in any gleen year. The Special Flood lescard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood lescard Index Cornes, A, E, AH, AO, AR, AP9, V, and VE. The Base Flood Elevation is the water-surface elevation of the 3% annual chance flood.

ZONE A No Base Flood Benations determines

ZONE AE Base Flood Elevations determined

ZONE A99

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

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

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

FLOODWAY AREAS IN ZONE AE

s the chennel of a stream plus any adjacent floodplain areas that must be kept free nt so that the 1% annual chance flood can be carried without substantial increases

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

.... Limit of Moderate Wave Action → 513 → Base Flood Elevation line and value; elevation in feet*

Referenced to the North -(A)

(2)----(2) Transect line 87°07'45", 32°22'30"

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere 1,000-meter Universal Transverse Mercator grid values, zone

600000 FT 5000-foot grid values: Arizona State Plane coordinate system, Central zone (FIPSZONE 0202), Transverse Mercator projection

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

• M1.5 River Mile MAP REPOSITORY Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP February 8, 1999

EFFECTIVE DATE(s) OF REVISION(s) TO THIS PANEL

1, 2011 - to update corporate limits, to charge Base Flood Blevations and Special Flood
Areas, to update map format, to add roads and road names, and to incorporate previous

For community map revision history prior to countywide mapping, refer to the Communit Map History table located in the Flood Insurance Study report for this jurisdiction.

MAP SCALE 1" = 1000" 2000 FEET METERS

PANEL 1030L

FIRM FLOOD INSURANCE RATE MAP

PIMA COUNTY, ARIZONA

AND INCORPORATED AREAS

PANEL 1030 OF 4750

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

NUMBER PANEL SUFFIX

COMMUNITY

NATIONAL FLOOD INSURANCE

040118



MAP NUMBER 04019C1030L MAP REVISED JUNE 16, 2011

Federal Emergency Management Agency