

**NOTES TO USERS**

This map is to be used in conjunction with the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources or from rain. The governing authority should be consulted for possible updates or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) are indicated, users should refer to the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on this FIRM represent rounded elevations. These elevations are rounded for flood insurance rating purposes only and should not be used as the sole source of flood hazard information. Accordingly, flood elevations indicated in the FIS Report should be used in conjunction with the FIRM for purposes of construction and floodplain management.

Elevations of the floodway were computed at cross sections and interpolated between cross sections. The floodway elevations are based on the computation and are not necessarily the actual water surface elevations. Floodway elevations are provided in the FIS Report for use in conjunction with the FIRM for purposes of construction and floodplain management.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.1 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for the jurisdiction.

The projection used in the generation of this map was Universal Transverse Mercator (UTM) zone 12. The horizontal datum was NAD 83, UTM 830.

Periodic collection of new hydrologic information or the production of FISs for adjacent jurisdictions may result in slight position 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 may be converted to structure and ground elevations referenced to the same datum. For information regarding the conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at [http://www.ngs.noaa.gov/GG/html/vdat\\_01\\_01.html](http://www.ngs.noaa.gov/GG/html/vdat_01_01.html).

FIRM information Services:  
FEMA (504) 321-5033  
National Geodetic Survey  
CMSC (800) 368-5858  
FIRM Data Online  
State Geospatial Information Services (800) 375-3282

To obtain current elevation, description, and/or location information for beach marks shown on this map, please contact the information services listed at the National Geodetic Survey at (202) 913-1242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was derived from Aerial Digital Orthophotos (ADOs) with a resolution of 1:1 per pixel from the USGS Aerial Photography Office dated 2010 and Digital Globe imagery from 2014.

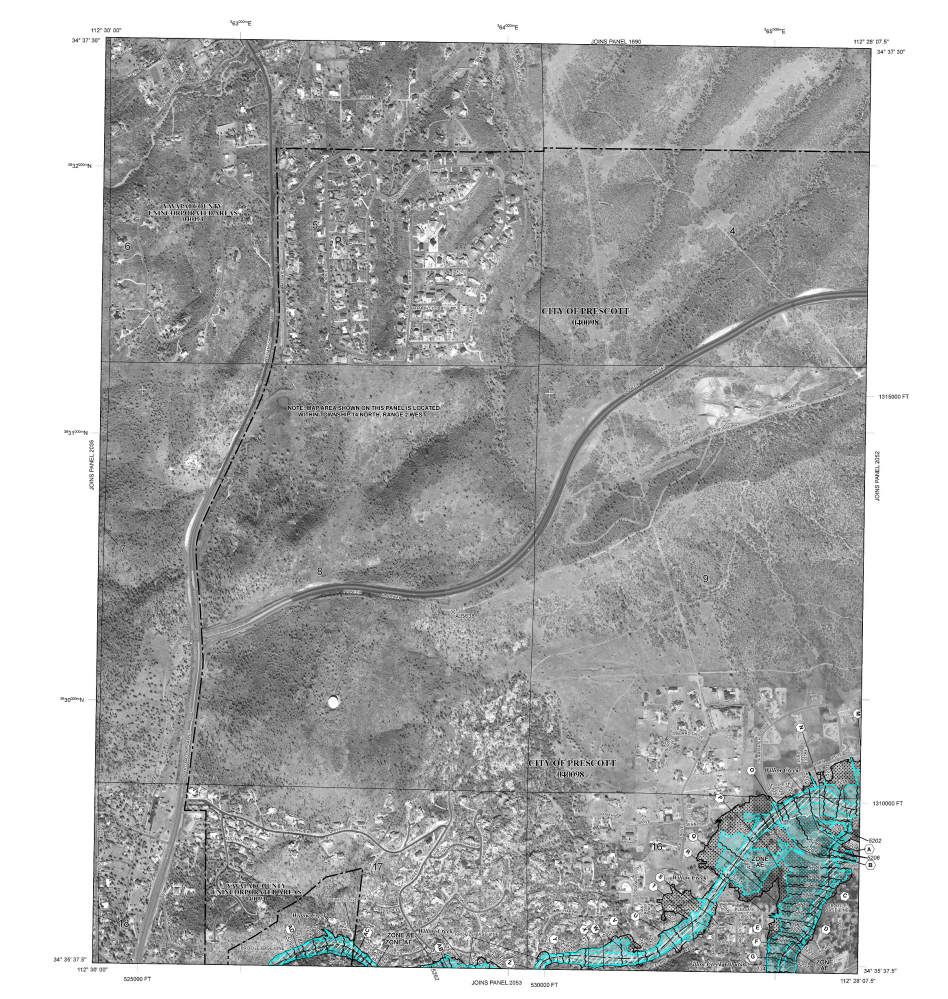
The profile/floodway together with other data represented in this map are intended to show the extent of the flood hazard to the FIS report. As a result of rounding hydrographic data, and profile/floodway, in some cases, they deviate slightly from the channel centerline or appear outside the FIRM.

This map reflects more detailed east-to-west stream channel configurations than those shown on the previous FIRM for the jurisdiction. The floodplains and floodways in this map also reflect stream channel configurations. As a result, the Flood Insurance Study Report (FIS) may not include areas in the Flood Insurance Study Report that contain additional features. Users may wish to obtain channel data 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. Boundary changes due to incorporation or disincorporation may have occurred since this map was published. Map users should contact appropriate community officials to verify current corporate limits boundaries.

Please refer to the separately printed Map Index for an overview map of the county showing the location of this map. Community map information including names for each community as well as a listing of the panels in which each community is located.

For information on available products associated with this FIRM, visit the Map Service Center Website at <http://www.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of the map. Many of these products can be ordered or obtained directly from the MEC website.



**LEGEND**

**SPECIAL FLOOD HAZARD AREAS (SPECIAL) SUBJECT TO MODIFICATION BY THE 1% ANNUAL CHANCE FLOOD**  
The 1% Annual Chance Flood (ACF) is the most frequent of all floods. It is the flood that has a 1% chance of being equaled or exceeded in any year. The ACF is the flood that is the most subject to risk to the 1% Annual Chance Flood. Areas of Special Flood Hazard are shown on this map by the following symbols:

- ZONE A** - Base Flood Elevation Determined
- ZONE AE** - Base Flood Elevation Determined
- ZONE AO** - Special Flood Hazard Area based on ponding. Average depth determined by the 1% Annual Chance Flood is 1.5 feet (1.5 feet above the 1% Annual Chance Flood elevation). The 1% Annual Chance Flood elevation is 1.5 feet above the 1% Annual Chance Flood elevation.
- ZONE A99** - Special Flood Hazard Area based on ponding. Average depth determined by the 1% Annual Chance Flood is 99 feet (99 feet above the 1% Annual Chance Flood elevation). The 1% Annual Chance Flood elevation is 99 feet above the 1% Annual Chance Flood elevation.
- ZONE AH** - Area to be protected from 1% Annual Chance Flood by a future flood protection project under construction, or future flood protection project.
- ZONE V** - Coastal Flood Zone with velocity hazard (wave action). Base Flood Elevation Determined.
- ZONE VE** - Coastal Flood Zone with velocity hazard (wave action). Base Flood Elevation Determined.

**FLOODWAY AREAS IN ZONE A/E**  
The location of the elevation of an area and its elevation gradient must be used in conjunction with the 1% Annual Chance Flood on a cross section to determine whether it is a floodway.

**OTHER FLOOD AREAS**

- ZONE X** - Areas of 0.2% Annual Chance Flood, areas of 1% Annual Chance Flood with annual peak stages of 1 to 1.5 feet (1.5 feet above the 1% Annual Chance Flood elevation) and areas of 1% Annual Chance Flood with peak stages of 1.5 to 3 feet (3 feet above the 1% Annual Chance Flood elevation).
- ZONE X1** - Areas determined to be Areas of the 0.2% Annual Chance Flood.
- ZONE X2** - Areas in which flood hazard is undetermined, but possible.
- COASTAL HAZARD PROTECTION SYSTEM (CHPS) AREAS**  
CHPS areas of CHPS are normally located along or adjacent to Special Flood Hazard Areas, in the form of a flood protection barrier.
- OTHERWISE PROTECTED AREAS (OPAs)**  
OPAs are areas of CHPS that are normally located along or adjacent to Special Flood Hazard Areas, in the form of a flood protection barrier.
- CHPS and CHPS Boundary**  
Boundary of CHPS are normally located along or adjacent to Special Flood Hazard Areas, in the form of a flood protection barrier.
- Base Flood Elevation Line and Salt, Strahler, or Sea**  
Base Flood Elevation Line and Salt, Strahler, or Sea.
- Base Flood Elevation Line and Salt, Strahler, or Sea**  
Base Flood Elevation Line and Salt, Strahler, or Sea.

**OTHER INFORMATION**  
CHPS and CHPS Boundary  
Boundary of CHPS are normally located along or adjacent to Special Flood Hazard Areas, in the form of a flood protection barrier.

**EFFECTIVE DATES OF COUNTY/STATE FLOOD PROTECTION ACT**  
None in the State of Arizona.

**EFFECTIVE DATES OF REVISIONS TO THIS PANEL**  
March 6, 2015 - Initial publication of the 1% Annual Chance Flood Flood Hazard Areas, in the form of a flood protection barrier, and the 1% Annual Chance Flood Flood Hazard Areas, in the form of a flood protection barrier, and the 1% Annual Chance Flood Flood Hazard Areas, in the form of a flood protection barrier.

**Map Scale: 1" = 500'**  
300 600 900  
0 300 600 900  
150 300 450 600 750 900  
0 300 600 900  
150 300 450 600 750 900

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM FLOOD INSURANCE RATE MAP**

**YAVAPAI COUNTY, ARIZONA AND INCORPORATED AREAS**

**PANEL 2051H OF 3000**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTRACT NUMBER	DRAWING NUMBER	DATE
44989	0425C	2015

**MAP NUMBER 0425C.2051H**  
**MAP REVISED MARCH 6, 2015**  
Federal Emergency Management Agency