

YAVAPAI COUNTY FLOOD CONTROL DISTRICT

FEMA WORKSHOP SEMINAR

November 1st, 2016



Yavapai County Flood Control District

- YCFCD first adopted its Flood Damage Prevention Ordinance in 1981
- Responsible for:
 - Floodplain Management / Development Review under the Nat'l Flood Insurance Program and adopted Ordinance
 - Provide information and guidance for activity and development within flood hazard areas
 - Keep flood hazard mapping resources modern so they accurately represent areas at high risk
 - Providing real-time weather data and pertinent storm water runoff information
 - Regulate and review storm water runoff from both a quality and quantity standpoint

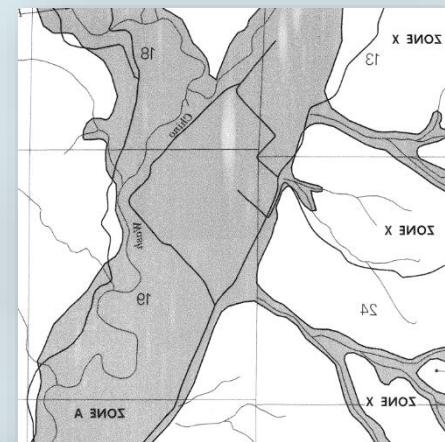
Yavapai County Flood Control District

- Joined National Flood Insurance Program in 1985
 - Agree to map the flood hazards and manage the floodplain to FEMA's minimum standard
 - In return, citizens have access to federal flood insurance and disaster assistance for floods
- Joined the Community Rating System in 1991; receive credits for going beyond the minimum standards; now a Class 7
 - Benefits:
 - Policyholders in **high-risk areas** receive 15% discount
 - County's flood risk is reduced and community is more resilient

YCFCD Mapping Program

FEMA Cooperating Technical Partner

- First FIRM – August 19, 1985
- Updating FEMA's original maps
 - Old data (up to 30 years old)
 - Old technology
 - Lots of development
- New maps
 - Digital; updated flooding and rainfall data; new contour mapping; latest mapping-related technology; GIS database

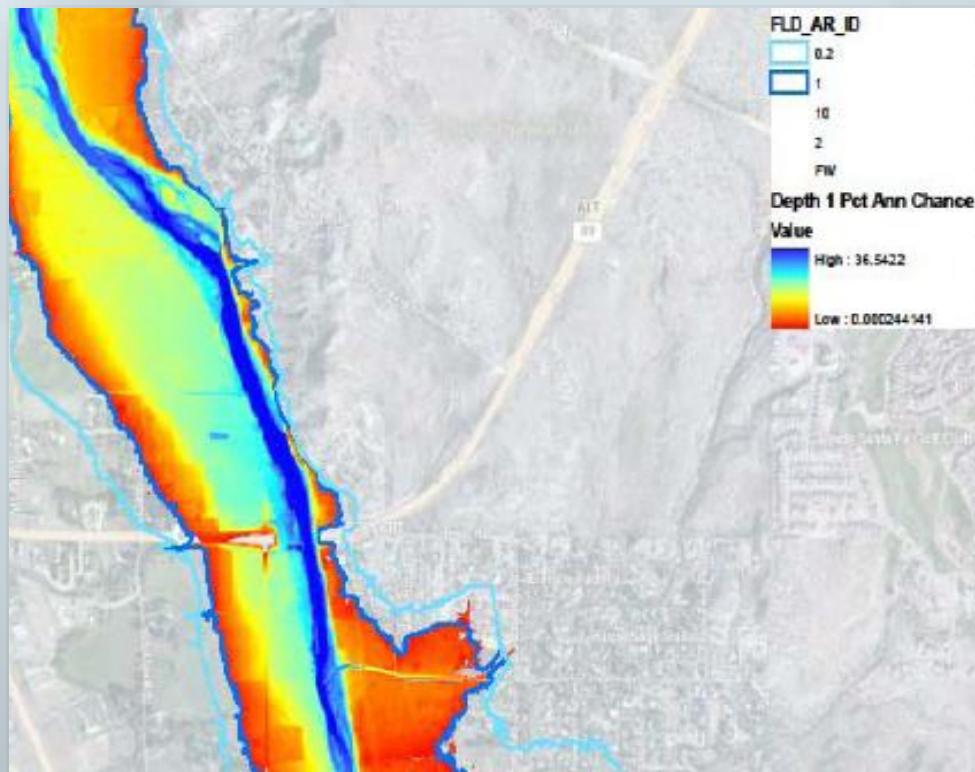


Benefits of Improved Mapping

- Knowing the current flood risk....
 - Community officials use updated codes to help ensure safer building and a more *resilient* community
 - Improve emergency planning and response
 - Realty, Insurance and Lending professionals are better able to inform clients around buying/selling and flood insurance requirements and options
 - Residents and business owners make more informed decisions to protect their most valuable assets
- *YCFCD is here to provide info and expertise*

New Tools To Better Communicate Risk

DEPTH GRIDS



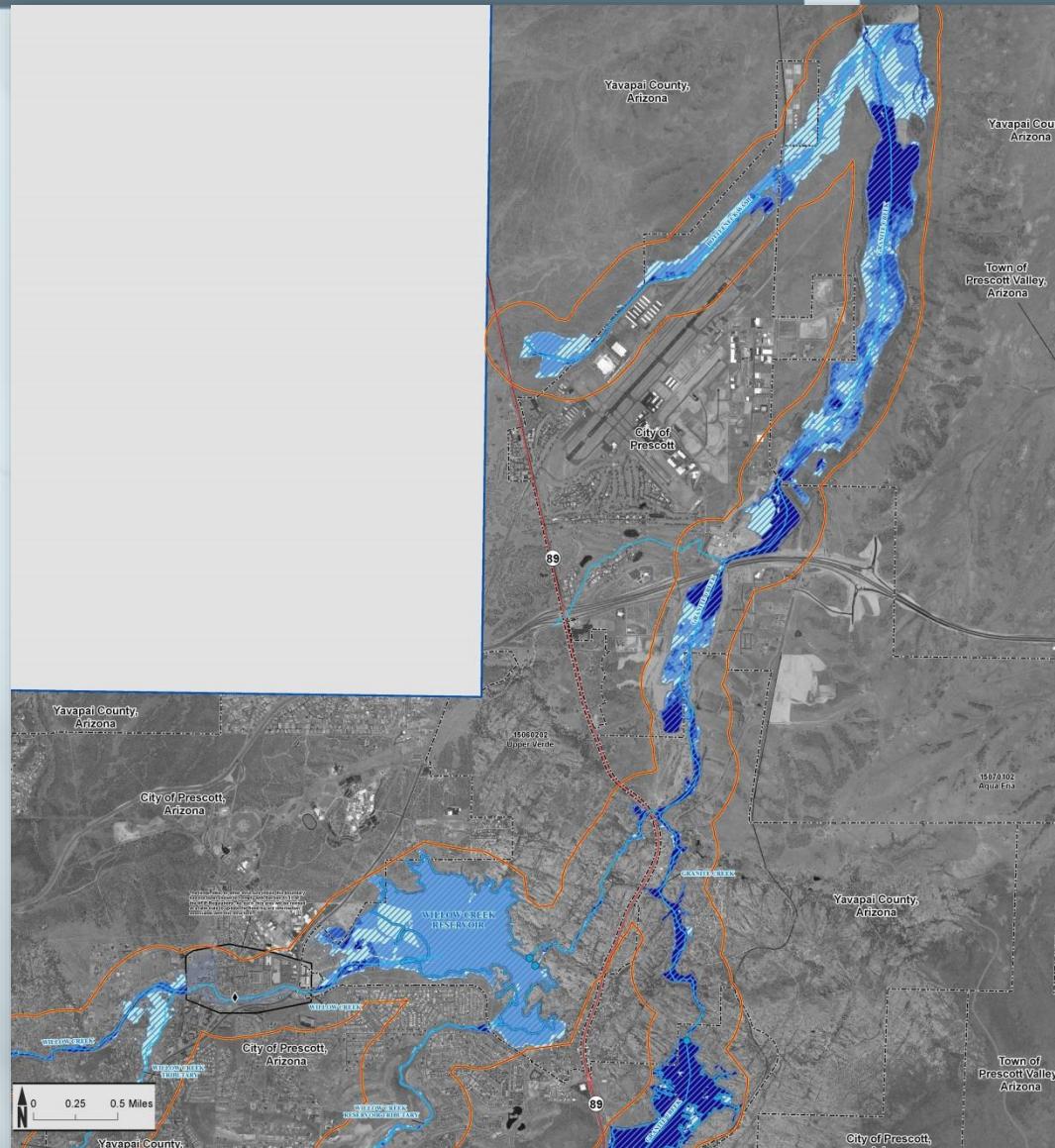
CHANGES SINCE LAST FIRM

Results of new or restudy mapping

- For properties newly identified to be in a FEMA, high-risk flood hazard area
 - Insurance and building implications
- Changes in Base Flood Elevation may occur
 - Insurance and building implications
- Properties that are newly identified as moderate- or low risk (coming OUT of the mapped high hazard)
 - Risk is only reduced, *not removed*
- Properties with no change – but time to review your risk!

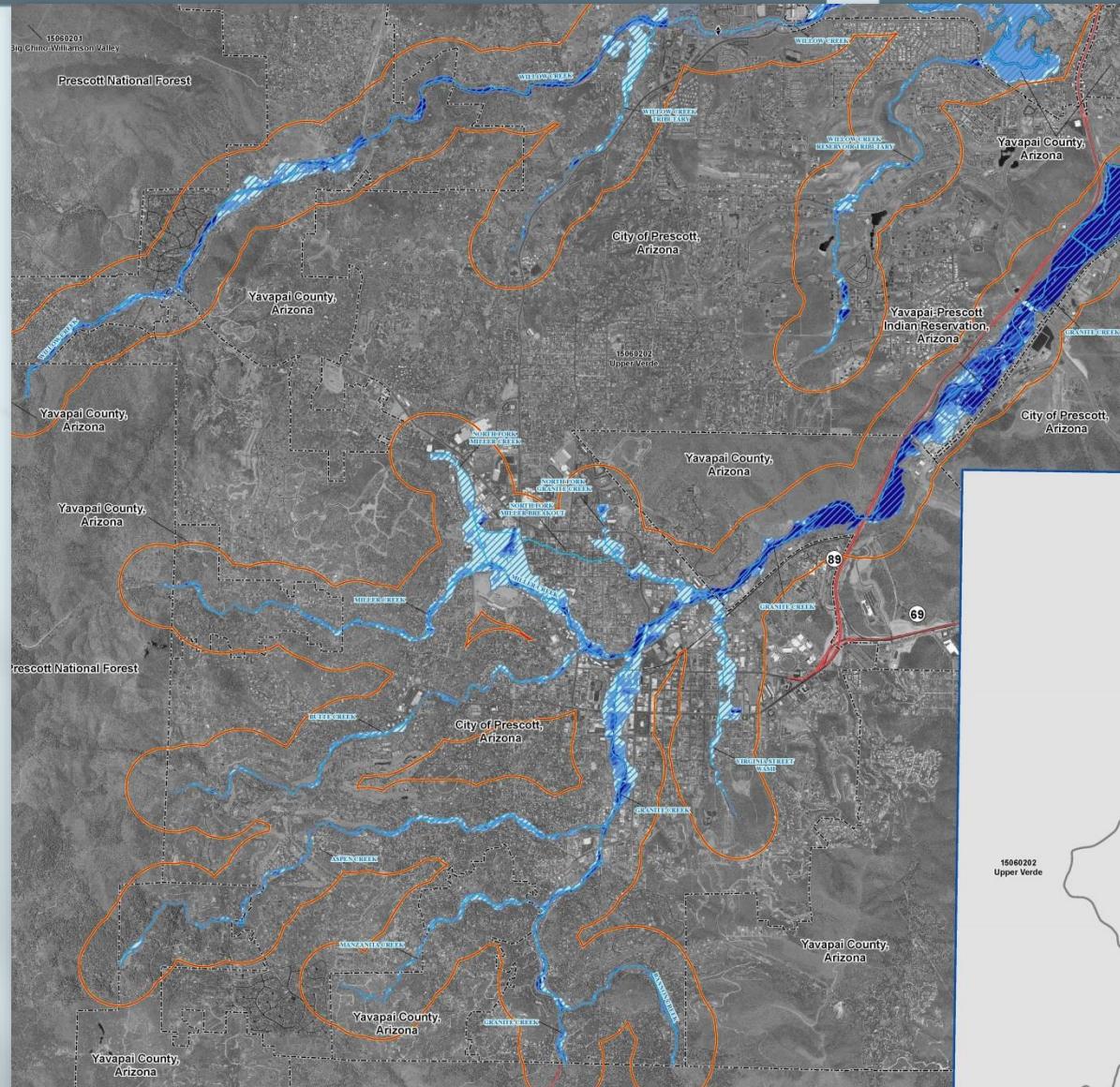
Upcoming Mapping Projects in YavCo

- **Granite Creek and Tributaries**
- Mostly within the City of Prescott, but spills over into unincorporated County
- New maps anticipated to become effective in Summer of 2017



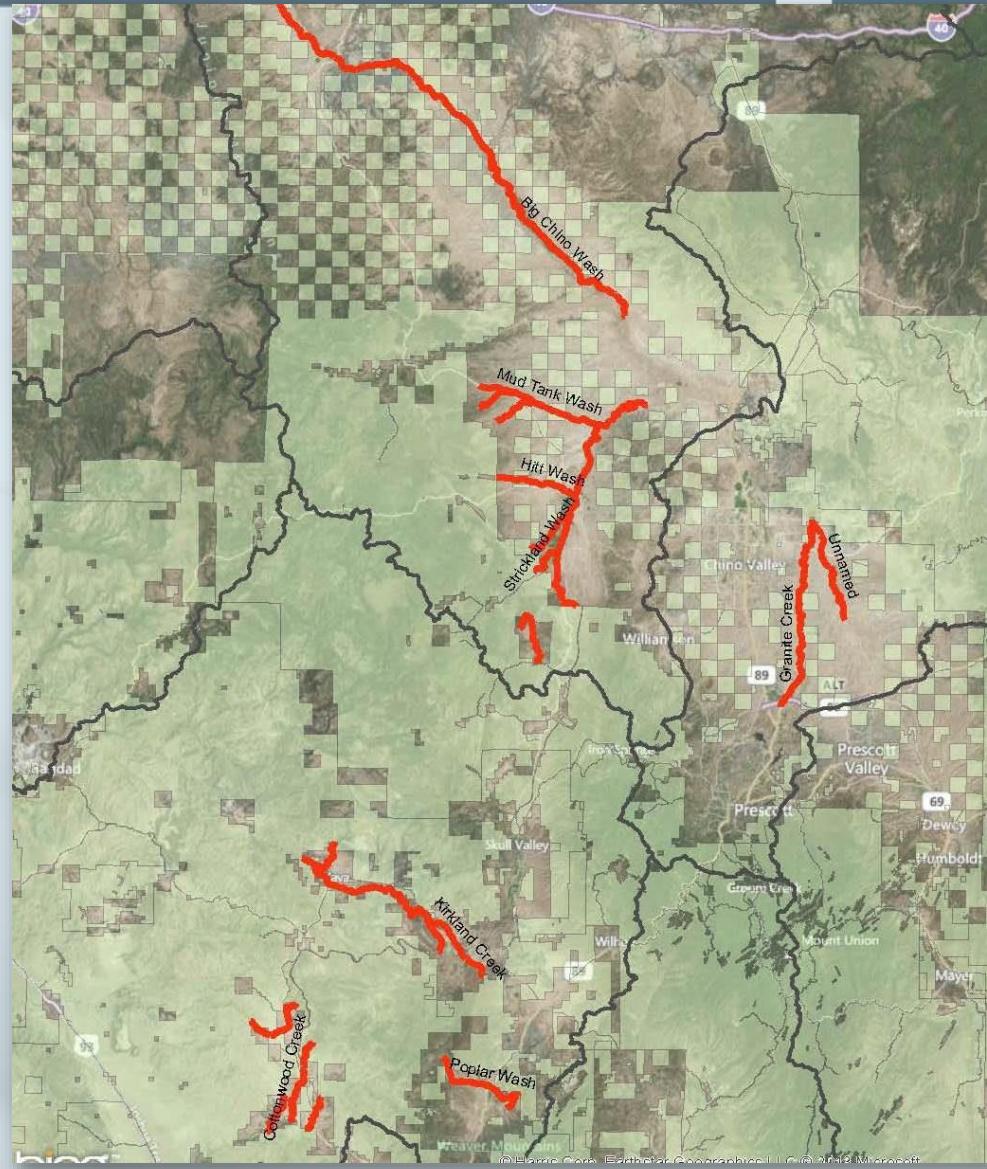
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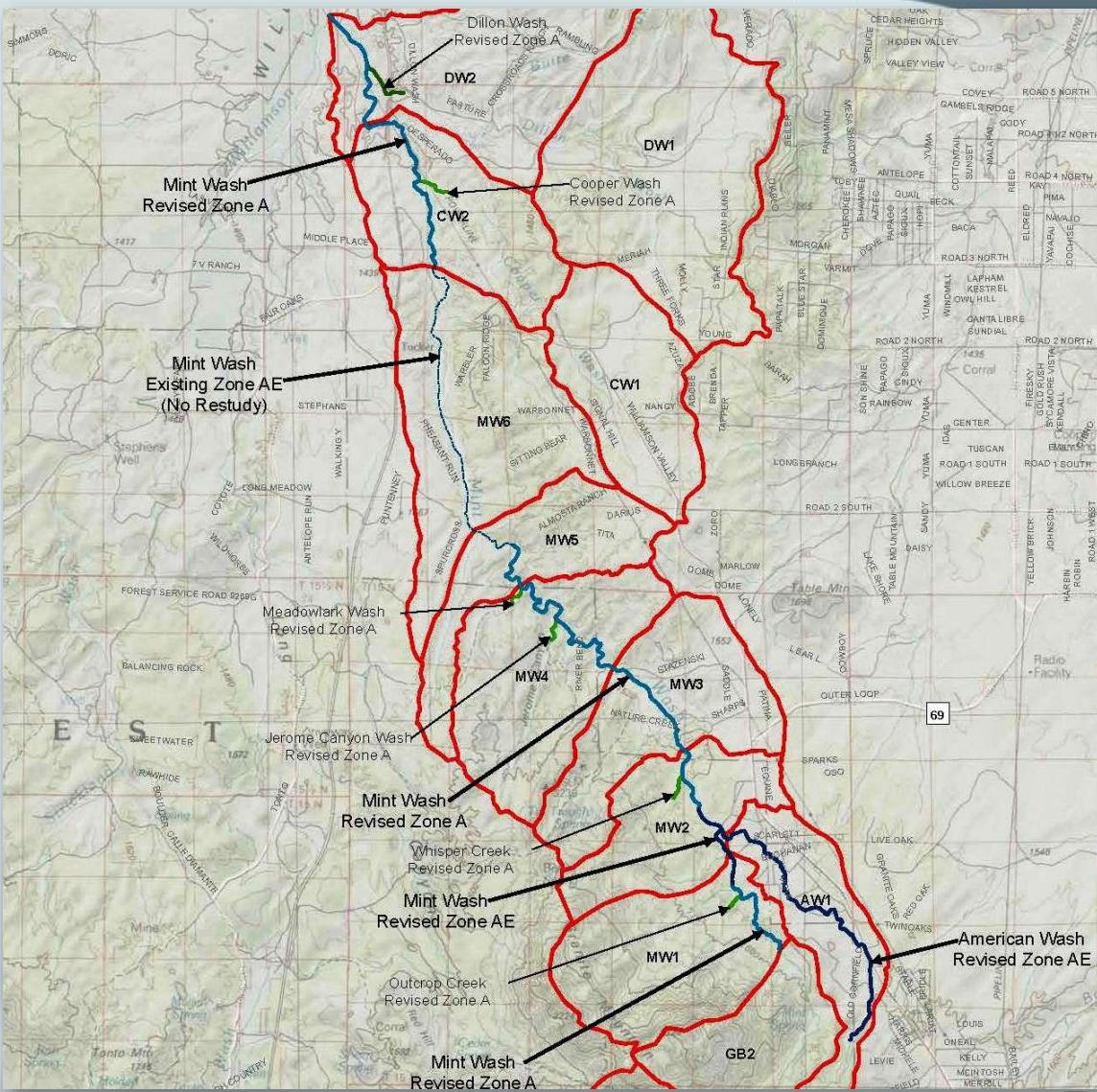
Upcoming Mapping Projects in YavCo

- **Zone A, Phase 1**
- Rural Western Yavapai Co. (Kirkland, Northern Williamson Valley, Paulden, north Granite Creek)
- New maps anticipated to become effective in late Summer or Fall of 2017



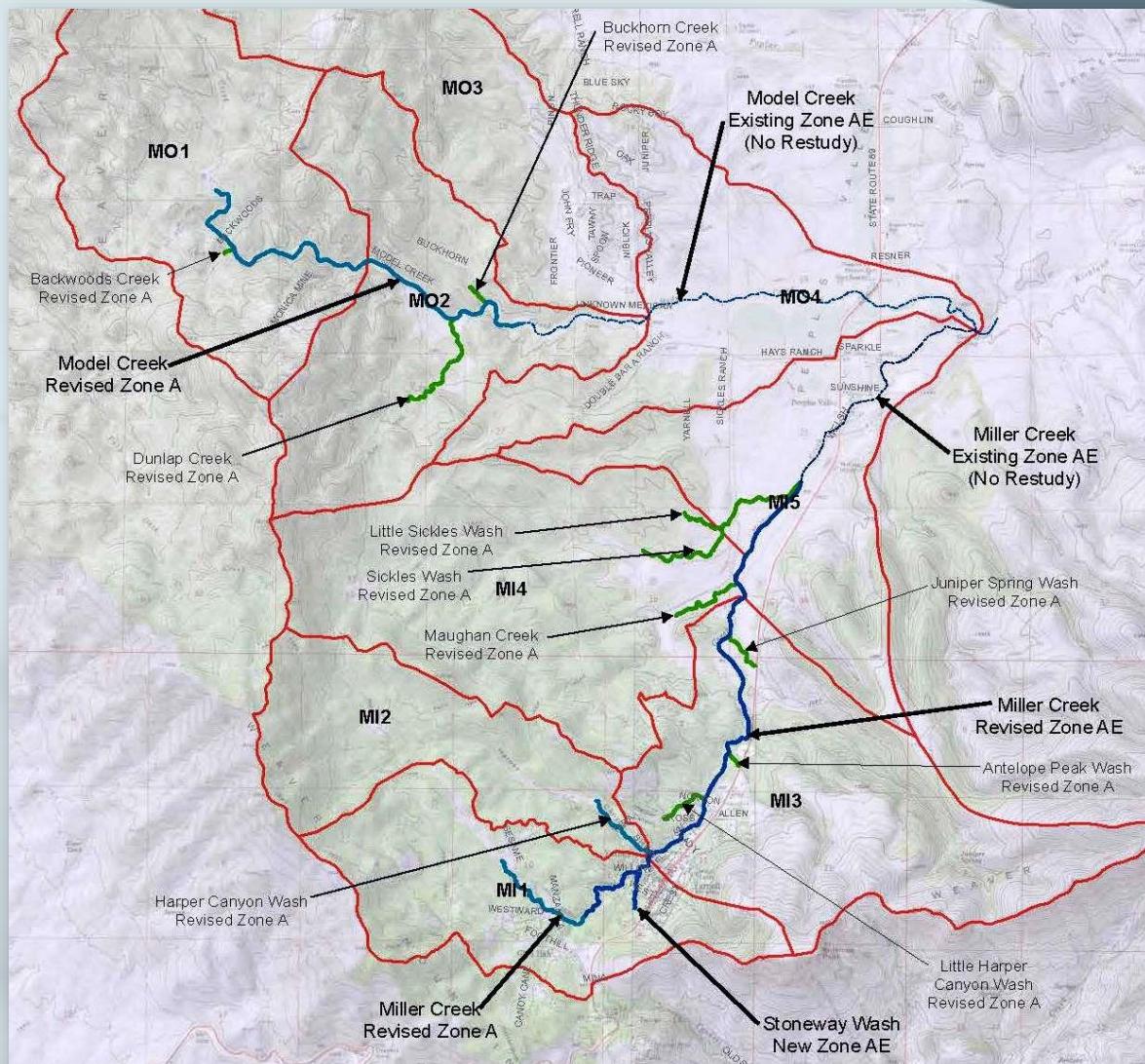
Upcoming Mapping Projects in YavCo

- Post Doce Fire (2013)
- Williamson Valley on Mint and American Washes
- New maps anticipated to become effective in late Summer or Fall of 2017



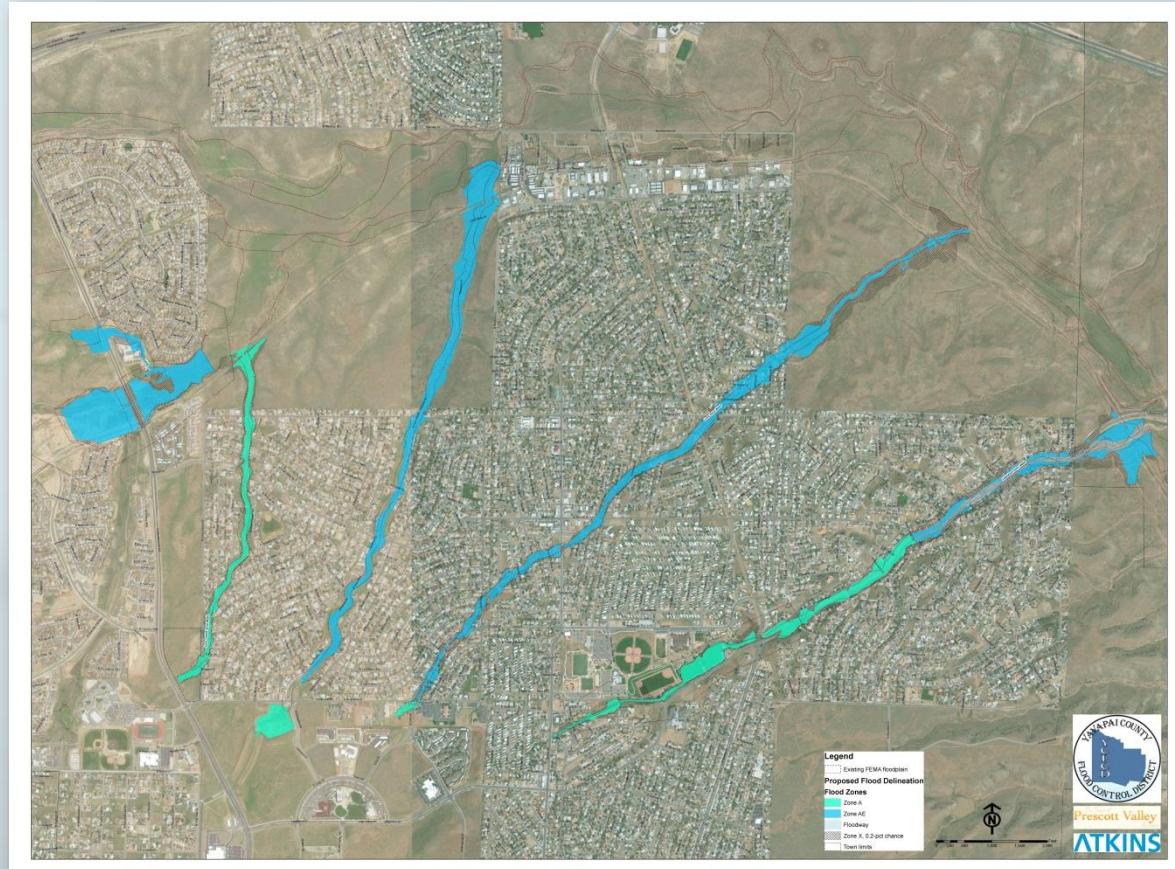
Upcoming Mapping Projects in YavCo

- Post Yarnell Hill Fire (2013)
- Miller Creek and tributaries; Model Creek and trib
- Yarnell & Peeples Valley
- New maps anticipated to become effective in late Summer or Fall of 2017



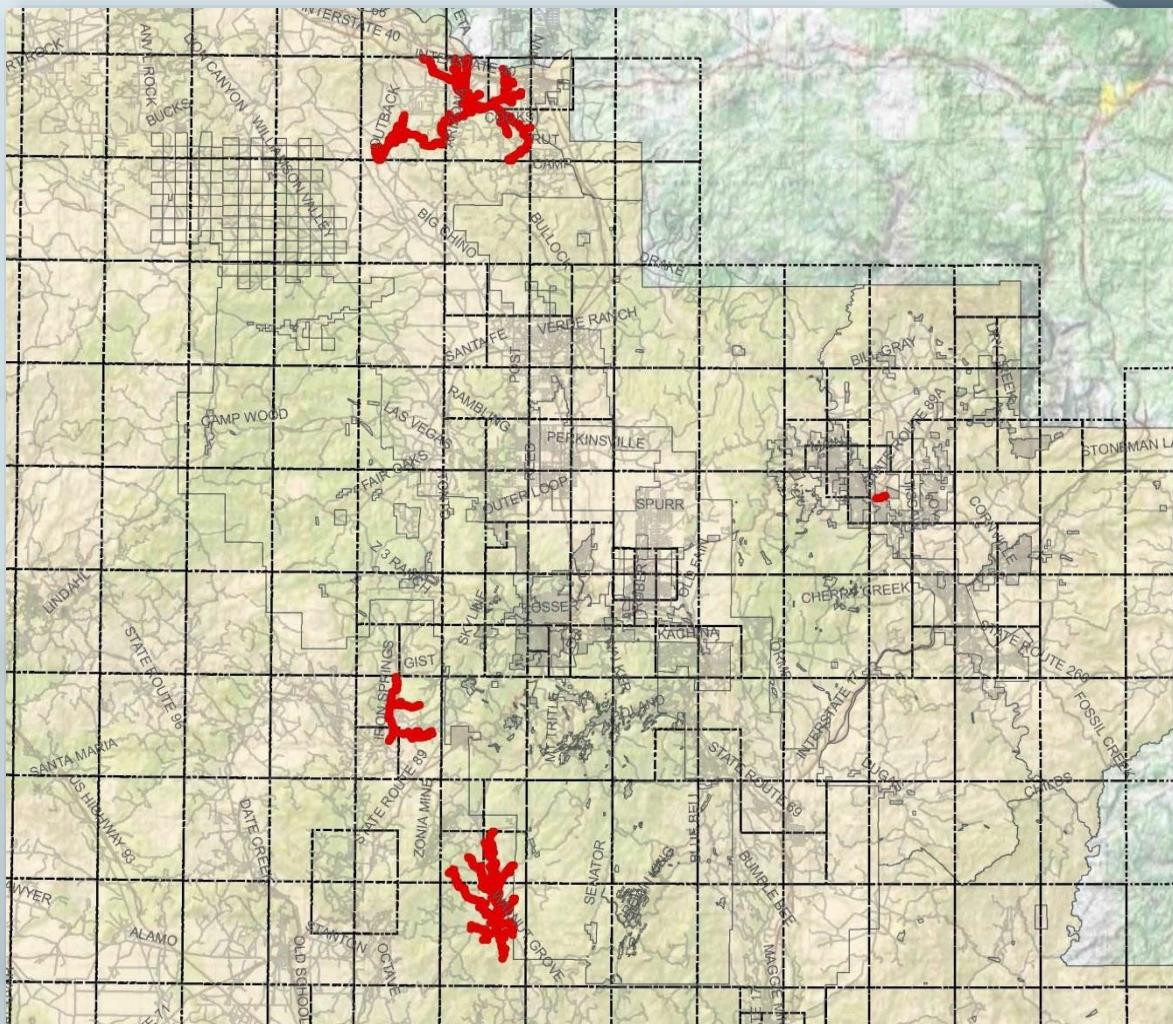
Upcoming Mapping Projects in YavCo

- **Town of Prescott Valley corrective mapping**
- Major watercourses through the center of the Town
- Improving map accuracy to fix errors developed when maps went to D-FIRMs
- New maps anticipated to become effective in late 2017 or 2018



Upcoming Mapping Projects in YavCo

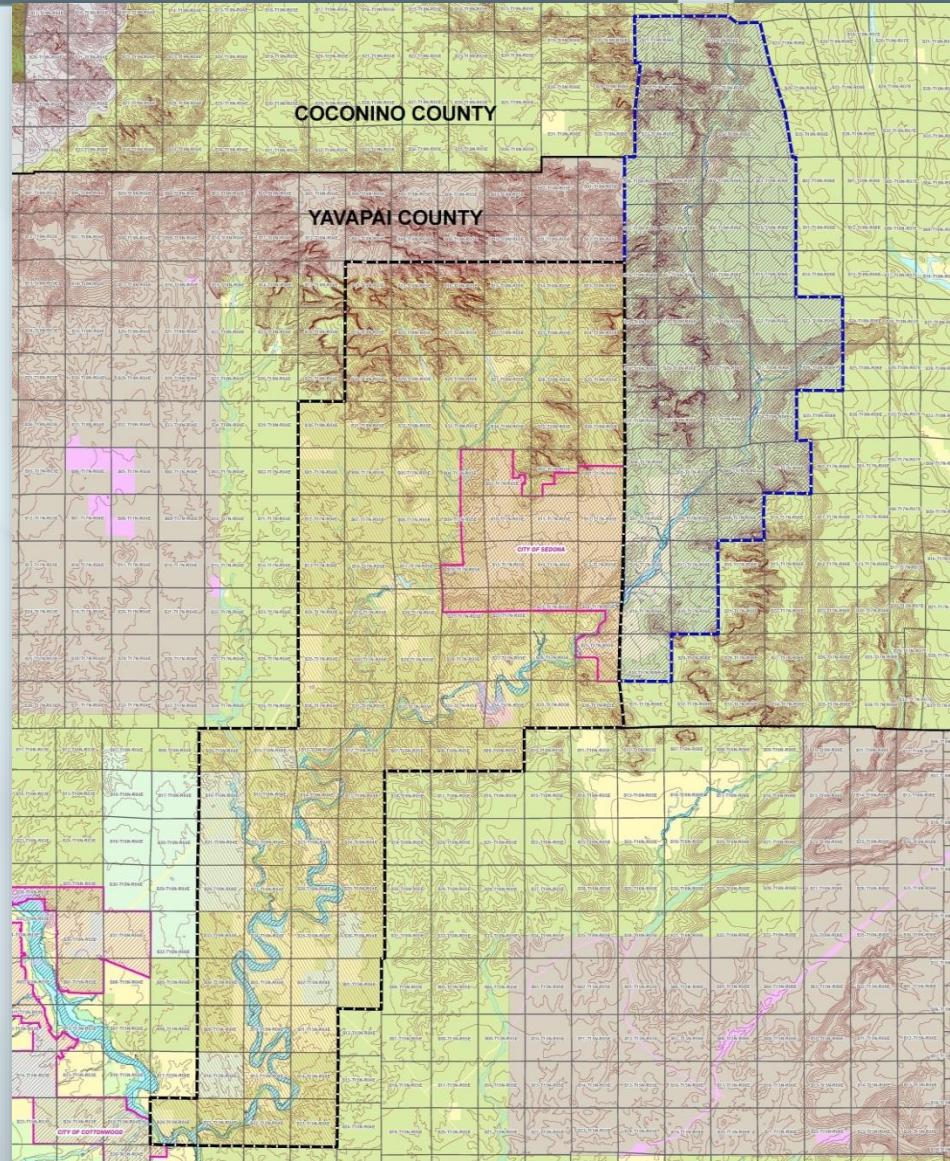
- **Zone A, Phase 2**
- Ash Fork/
Juniperwood
Ranches; Skull
Valley/Kirkland;
Walnut
Grove/Wagoner
(Hassayampa & trib)
- Improved mapping of
approximate flood
hazard areas
- New maps
anticipated to
become effective in
late 2017 or 2018



Upcoming Mapping Projects in YavCo

Oak Creek Floodplain Remapping

- CTP grant from FEMA
- Currently seeking engineering firm
- Complete remap of Oak Creek from confluence with Verde River to upper end of Oak Creek Canyon, plus major tributaries Spring Creek and Dry Creek.
- 103 stream miles
- Completion??? Maybe 2020 to become effective?



Upcoming Mapping Projects

Summary of Upcoming Mapping Projects

<u>Study Area</u>	<u>Estimated Effective</u>
• Granite Creek – Prescott	Summer 2017
• Zone A, Phase	Summer/Fall 2017
• Doce Fire (Mint/American)	Summer/Fall 2017
• Yarnell/Peeples Valley	Summer/Fall 2017
• Town of Prescott Valley	Late 2017/2018
• Zone A, Phase 2	Late 2017/2018
• Oak Creek and major trib	2019/2020 ???

GIS Products & YCFCD Website

- www.YCFlood.com
- Property Search Tool
- Flood Hazard Status Reports
- Reference Materials
- ALERT Weather page