



**NOTICE OF A REGULAR MEETING OF THE TOWN COUNCIL
OF THE TOWN OF CLARKDALE
TUESDAY, FEBRUARY 13, 2024 AT 6:00 PM**

In Person: Clark Memorial Clubhouse, 19 N. Ninth St., Clarkdale AZ

OR

Join Zoom Meeting

<https://us02web.zoom.us/j/81213484121>

Meeting ID: 812 1348 4121

Unless otherwise stated, the public will have physical access to the meeting place 15 minutes prior to the meeting start time.

AMENDED

(Item 5b amended)

Town of Clarkdale Vision

The Town of Clarkdale connects our unique history, proximity to the Verde River, and small-town charm to a future with a vibrant economy.

We cultivate an environment where residents and businesses can thrive; providing services and jobs for our residents and capitalizing upon tourism.

We sustainably enhance our infrastructure, support the arts and education, and develop recreational opportunities to create a bright future for our entire community.

PURSUANT TO A.R.S. §38-431.02, NOTICE IS HEREBY GIVEN to the members of the Common Council of the Town of Clarkdale and to the general public that the Town of Clarkdale Town Council will hold a Regular Meeting open to the public on Tuesday, February 13, 2024, at 6:00 PM in a hybrid meeting via Zoom Video Conference or in person at 19 N. Ninth Street, Clarkdale, Arizona, Clark Memorial Clubhouse, Men's Lounge. Members of the Clarkdale Common Council will attend either in person or by telephone, video or internet conferencing. Pursuant to A.R.S. §38-431.03, the Council may vote to recess the meeting and move into Executive Session on any item, which will be held immediately after the vote and will not be open to the public. Upon completion of Executive Session, the Council may resume the meeting, open to the public, to address the remaining items on the agenda.

Supporting documentation and staff reports furnished to the Council with this agenda are available for review on the Town website at www.clarkdale.az.gov and the Town Clerk's Office.

ALL ITEMS ON THIS AGENDA ARE SCHEDULED FOR DISCUSSION AND POSSIBLE ACTION, UNLESS OTHERWISE NOTED.

1. CALL TO ORDER

2. ROLL CALL

3. PUBLIC COMMENT

The Town Council invites the public to provide comments at this time. Members of the Town Council may not discuss items that are not specifically identified on the agenda. Therefore, pursuant to A.R.S. §38-431.01, action taken as a result of public comment will be limited to directing staff to study the matter, responding to any criticism, or scheduling the matter for further consideration and decision at a later date. Persons interested in making comments on a specific agenda item are asked to complete a brief form and submit it to the Clerk or liaison during the meeting. Each speaker is asked to limit their comments to five minutes.

4. REPORTS

A. Current Events

A brief summary of current events. The Council will not propose, discuss, deliberate, or take legal action on any matter in the summary. Reports submitted electronically:

- Mayor's Report
- Vice-Mayor's Report
- Councilmembers' Reports

B. Organizational Reports – (submitted electronically)

Reports regarding regional organizations submitted electronically:

- CAT – Cottonwood Area Transit
- VVTPO – Verde Valley Transportation Planning Organization
- NACOG - Northern Arizona Council of Governments
- NAMWUA - Northern Arizona Municipal Water Users Association
- TPAC – Transportation Policy Advisory Council
- VFLC – Verde Front Leadership Council
- Greater AZ Mayor's Organizational Report
- Sustaining Flows Committee
- Yavapai Communities for Young Children

5. CONSENT AGENDA

Items on the consent agenda are of a routine nature or have been previously studied by the Town Council at a work session or during a New Business discussion. They are intended to be acted upon in one motion. Council members may pull items from consent if they would like them considered separately.

A. Approval of Minutes

Consider and act upon the draft minutes from the regular meeting held on Jan. 23, 2024.

B. Call of Election

Consider and act upon a request to call a Primary Election on July 30, 2024, and if necessary, a General Election on Nov. 5, 2024, for one Mayor seat and two Council Member seats, for four-year terms, commencing in November 2024.

C. Amendment to Deed of Gift Agreement with Clarkdale Historical Society and Museum

Consider and act upon an amendment to the Deed of Gift Agreement with the Clarkdale Historical Society and Museum.

6. NEW BUSINESS

A. Subdivision Platting Procedures and Planned Area Development Procedures

Assistant Town Manager Ruth Mayday and Town Attorney Stephen Polk will give a presentation to Council regarding Subdivision Platting Procedures and Planned Area Development Procedures.

B. 2023 Yavapai County Multi-Jurisdictional Hazard Mitigation Plan

Discuss, consider and act upon the 2023 Yavapai County Multi-Jurisdictional Hazard Mitigation Plan.

7. FUTURE AGENDA ITEMS

Town Council may propose items to be placed on a future agenda. This item is for discussion only.

8. ADJOURNMENT

Values

Values are the guiding principles that provide an organization with purpose and direction. The Town of Clarkdale's organizational values are:

COPPER

Customer focused

Open, transparent and equitable

Preserving our history, charm, and environment

Planning for a sustainable future

Economic and social resiliency

Resourceful and innovative

Mission

The Town of Clarkdale serves the community by providing amenities, infrastructure, services, and public safety to enhance quality of life. We are stewards of our history while we sustainably and resiliently plan for the future with an emphasis on community engagement and transparency.

Persons with a disability may request reasonable accommodations by contacting the Town Hall at (928) 639-2400 (TTY: 1-800-367-8939) at least 72 hours in advance of the meeting.



From the office of Mayor Prud'homme-Bauer

January 2024 Report

Regularly Held Monthly Meetings

- Regular weekly one-on-one meetings with the Town Manager on Wednesdays.
- Agenda review meetings on Monday afternoon before a Town Council meeting.
- Host twice monthly Verde Valley Mayors/Managers zoom meetings – no meetings in January.
- Weekly Monday morning legislative briefing – League of Cities and Towns.

Other Meetings, Events, Emails and Phone Calls

- Meeting with organizers of Clarkdale CRIT bike event and Town Manager.
- Meeting with VVREO chair, Tom Binnings.
- Attended the public water open house.
- Attended the memorial gathering for Mike Westcott Sr.
- Two virtual meetings of the League of Cities and Town Budget Sub-committee.
- Attended the Verde Valley Transportation Planning Organization (VVTPO).
- Virtually attended the Retail Strategies Webinar.
- Coffee meeting at Violette's with Todd Green, theater building owner.
- Coffee meeting with a Sedona City Councilmember.
- Attended the Tourism Marketing Working Group meeting.
- Guest speaker at KSB annual meeting to talk about Clarkdale.
- Attended the Town Council Strategic Planning Retreat.
- Phone call with Clarkdale resident – Airplane noise over Clarkdale and impact of the new hotel on our water and wastewater systems.
- Responded to emails and letters on recycle site debris and recycling Christmas trees, and the proposed Highlands project (responses acknowledging receipt of email only).

Upcoming events: Attending the opening of Rocking River Ranch State Park in Camp Verde.



From the office of Vice Mayor Hunseder

January Report

01/01/24 – Happy New Year! May 2024 be healthy and prosperous for Clarkdale!

01/02/24 – CDBA Meeting.

01/04/24 – TOC Board and Commission Interviews.

01/08/24 – One-On-One Meeting with Town Manager Guthrie.

01/09/24 – Town of Clarkdale Council Meeting and Executive Session.

01/11/24 – Water and Wastewater System Public Open House.

01/16/24 - LD 6 GAMA Webinar with Representative Peshlakai.

01/17/24 – NACOG Executive Committee Work Session – Phoenix.

01/18/24 – CAG/NACOG Legislative Day – Phoenix.

01/22/24 – One-On-One Meeting with Town Manager Guthrie.

01/23/24 – Town of Clarkdale Council Meeting and Executive Session.

01/31/24 – Council Annual Strategic Planning Retreat.



From the office of Council Member O'Neill

January Report

- 1-4 Met with Bonnie Lane to discuss marketing for CHSM plant sale.
- 1-9 One-on-one meeting with Town Manager; Town Council meeting.
- 1-11 Attended water/wastewater symposium.
- 1-19 Attended NAMWUA meeting.
- 1-20 Attended CHSM annual meeting.
- 1-23 One-on-one meeting with Town Manager; Town Council meeting.
- 1-31 Council Strategic Planning Retreat.

NORTHERN ARIZONA MUNICIPAL WATER USERS' ASSOCIATION AGENDA

BOARD MEETING

January 19, 2024,

10:00 AM

The January 19, 2024, Board meeting will be held in the
Crystal Room
4th Floor of the Prescott Valley Public Library
7401 Skoog Blvd, Prescott Valley, AZ

Access to the meeting will also be available by Zoom. To join the meeting from your computer, tablet or smartphone. You can copy and paste the following link into your browser:

<https://us02web.zoom.us/j/6160099904>

Meeting ID: 616 009 9904

You can also call in on the following number:
669 900 9128

CALL TO ORDER

As a reminder, if you are carrying a cell phone, electronic pager, computer, two-way radio, or other sound device, we ask that you turn it off at this time to minimize disruption to today's meeting.

1. ROLL CALL:

Camp Verde	Dee Jenkins	_____
Chino Valley	Jack Miller	_____
Clarkdale	Lisa O'Neill	_____
Cottonwood	Tim Elinski	_____
Flagstaff	Miranda Sweet	_____
Prescott	Phil Goode	_____
Prescott Valley	April Hepperle	_____
Sedona	Pete Furman	_____
Arizona Water Company	John Snickers	_____

2. MINUTES

Consideration of Minutes - Board Meeting of October 20, 2023

RECOMMENDED ACTION: Approve the minutes as submitted/corrected.

3. PUBLIC PARTICIPATION

Public Participation enables the public to address the Association about an item that is not on the agenda. If you wish to address the Association during Public Participation,

please put your name in the chat room or fill out a participation request and indicate you would like to speak.

If you wish to address the Association at today's meeting on an item that is on the agenda, please put your name in the chat room or fill out a participation request and indicate you would like to speak on a particular item. Your name will be called when it is your turn to speak.

Please limit your remarks to five minutes per item to allow everyone an opportunity to speak.

4. ACTION ITEMS

a. Approval NAMWUA Budget for FY 2025

RECOMMENDED ACTION: Approve the proposed budget as recommended by the TAC for the amount of \$32,588.

b. Approval of Executive Director Agreement for 2024

RECOMMENDED ACTION: Approve the Executive Director Agreement for 2024 as recommended by the TAC.

5. NON-ACTION ITEMS

a. PFAS Presentation (tentative) – Matt Olson, ADEQ

6. INFORMATIONAL ITEMS

a. Governors Water Policy Council Update – Ron Doba

b. Financial Report – Ron Doba

c. Informational Items to/from Board and TAC Members

7. Adjourn

**NORTHERN ARIZONA MUNICIPAL WATER USERS ASSOCIATION
MINUTES**

BOARD MEETING

**LOCATION:
Prescott City Water Operations Building
1481 Sundog Ranch Road
Prescott, AZ**

The meeting was also available by Zoom

October 20, 2023

CALL TO ORDER

Chair Phil Goode called the meeting to order at approximately 10:00 A.M.

1. ROLL CALL:

Board Members Present:

Camp Verde	Dee Jenkins	present (virtual)
Chino Valley	John McCafferty	present (for Jack Miller)
Clarkdale	Lisa O'Neill	present
Cottonwood	Tim Elinski	absent
Flagstaff	Miranda Sweet	present
Prescott	Phil Goode	present
Prescott Valley	Neil Wadsworth	present (for April Hepperle)
Sedona	Pete Furman	present (virtual)
AZ Water Company	John Snickers	present

Others Present:

Ron Doba, NAMWUA
Kevin Lane, ADWR
Leslie Graser, Prescott
Kay Sydow, Prescott
Brian Ruiz, Prescott
Cindy Blackmore, Chino Valley (virtual)
Tracy Lund, Prescott Valley
Mark Holmes, Chino Valley
Erin Young, City of Flagstaff (virtual)
Roxanne Holland, City of Sedona

2. MINUTES

Consideration of Minutes - Board Meeting of July 21, 2023

MOTION: Miranda Sweet moved that the minutes be approved. Lisa O'Neill seconded the motion. The Board unanimously approved the minutes.

3. PUBLIC PARTICIPATION

Chair Phil Goode asked if there were any requests by the public to speak. There were no requests to speak.

4. ACTION ITEMS - None

5. NON-ACTION ITEMS

a. Governors Water Policy Update

Ron Doba gave an update on the activities of the GWPC, specifically the work being done by the Rural Groundwater Committee. The committee is tasked with coming up with a recommendation to the Governor by the end of the year for a tool that can be used to manage groundwater pumping outside of active management areas. The presentation Ron gave will be posted on the ADWR web site according to Kevin.

6. INFORMATIONAL ITEMS

a. NAMWUA 2024 Meeting Schedule

Ron asked the Board if they had any concerns regarding the draft 2024 meeting schedule. The TAC wished to finalize the schedule ahead of time for the purpose of scheduling meeting rooms. Meetings are on the third Friday of the month except for March due to spring break. The Board had no comments.

b. Financial Report

Ron gave the financial report. There were no questions.

c. Informational Items to/from Board and TAC Members

John Snickers reported on the demand management AZ Water Company and Sedona are working on.

Lisa reported Clarkdale is working to work toward putting everybody on smart meters.

John McCaffery reported Chino Valley is working toward putting more people on their sewer system for recharge.

Pete recognized Ron for his Leader of the Year award from the Capitol Times.

Neil reported Prescott Valley is going through a water and sewer rate study. They are also implementing a stormwater drainage fee. They will also be not allowing Build to Rent communities unless they bring water rights.

Erin Young reported Flagstaff is also going through a rate study.

Cindy said Chino Valley also just completed a rate study.

Dee Jenkins said Camp Verde just completed their rate study. They are continuing to work on master plans as well. Camp Verde has just hired a hydrologist.

Tracy indicated Prescott Valley is working on a master drainage plan.

Kevin reported ADWR is finalizing the first round of the basin supply and demand analyses.

Leslie recognized Ron for his award and his work on the GWPC.

Mark reported on ADWR and the fact they only recognize the NARGFM ground water model developed by the USGS. This has caused some issues.
Brian reported Prescott is updating their water policy and general plan.
Mayor Goode indicated they have also recently implemented a bulk water sales program.

7. ADJOURNMENT

Chair Goode adjourned the meeting at approximately 12:00 PM for lunch.



Northern Arizona Municipal Water Users Association

TECHNICAL ADVISORY REPORT FOR ACTION ITEMS

TO: NAMWUA Board of Directors

BY: Ron Doba, Executive Director

DATE: 12/27/2023

MEETING DATE: 1/19/2024

TITLE:

CONSIDERATION OF NAMWUA BUDGET FOR FY 2025

RECOMMENDED ACTION:

THE TECHNICAL ADVISORY COMMITTEE RECOMMENDS THE BOARD APPROVE THE BUDGET PROPOSAL IN THE AMOUNT OF \$32,588 FOR FY 2025

ACTION SUMMARY:

This action will approve the Technical Advisory Committee's FY 2025 NAMWUA budget recommendation of \$32,588.

DISCUSSION:

The Technical Advisory Committee considered the FY 2025 budget at their December 15, 2023 meeting. The proposed budget has been reduced from the TAC recommendation due to updating software costs. Membership dues and WULF sponsorships are used to support the activities of the NAMWUA 501(c) (4) organization. Examples include the following:

- Administration of NAMWUA, board and TAC meetings
- Accounting, clerical, IT and other services as determined by the Board/TAC
- Participation in ADWR various meetings
- Representation of NAMWUA at water related events as requested (e.g., League of Cities and Towns, Vetting 4 Water Forums, etc.)
- Lobbying activities as directed by the Board
- Corporate and lobbyists fees/reporting (ACC and Sec of State)

- Advertising in the AZ Capitol Times
- NAMWUA representation on legislative working groups and with other water user associations (AMWUA, SAWUA), Governor's Water Policy Council, Kyl Center for Water Policy, etc.
- Biennial Water Utility Leadership Forums (WULFs)

Last year's NAMWUA budget was \$36,530 with \$29,800 shared by members (remaining was sponsorships for WULF).

Key Considerations:

The board first approved hiring a Program Manager for NAMWUA in 2005 with a cap of \$50,000/year. Since then, annual membership dues have been as follows (total from all members):

FY 2006 - \$32,933	FY 2016 - \$18,700
FY 2007 - \$32,933	FY 2017 - \$18,700
FY 2008 - \$47,933	FY 2018 - \$16,655
FY 2009 - \$32,933	FY 2019 - \$18,648
FY 2010 - \$25,000	FY 2020 - \$17,780
FY 2011 - \$20,000	FY 2021 - \$25,000
FY 2012 - \$20,000	FY 2022 - \$25,000
FY 2013 - \$20,000	FY 2023 – 41,817
FY 2015 - \$20,000	FY 2024 – \$36,530
	FY 2025 – Proposed \$32,588

Fifty percent of the budget is shared equally by the members and the remaining amount is allocated proportionately by the population (except for Sedona and AZ Water Company who split the portion attributable to population). The population numbers are from the Arizona Commerce Authority 2023 projections.

Financial Implications:

The attached budget identifies the FY 2025 dues for each member and a comparison with last year's dues. The changes result from using update 2023 census estimates and.

NAMWUA Members	Members Proportional Cost @ \$32,588	Members Proportional Cost FY24 @ \$29,800 (w/o sponsors)
Town of Chino Valley	\$ 2,788.94	\$2,547.61
Town of Clarkdale	\$ 2,152.39	\$1,968.45
City of Cottonwood	\$ 2,682.24	\$2,458.42
City of Flagstaff	\$ 7,406.41	\$6,791.88
City of Prescott	\$ 5,195.77	\$4,753.78

Town of Prescott Valley	\$ 5,345.11	\$4,859.49
City of Sedona	\$ 2,158.78	\$1,976.61
AZ Water Co.	\$ 2,158.78	\$1,976.61
Camp Verde	\$ 2,699.59	\$2,467.17
Totals	\$ 32,588.00	\$29,800.00

Options and Alternatives:

Approve the FY 2025 proposed budget from the TAC.

Amend the FY 2025 proposed budget as determined by the board.

Attachments /Exhibits:

FY 2025 NAMWUA Proposed Budget

NAMWUA Members:

Chino Valley	_____	Prescott	_____
Clarkdale	_____	Prescott Valley	_____
Cottonwood	_____	Sedona	_____
Flagstaff	_____	AZ Water Company	_____
Town of Camp Verde	_____		

Date of Board of Directors Approval _____

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Page 1													
2	CY 2023 Income vs Expenses													
3		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	Income													
5	AZ Water Company	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,976.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,976.61
6	Camp Verde	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,467.17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,467.17
7	Chino Valley	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,547.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,547.61
8	Clarkdale	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,968.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,968.45
9	Cottonwood	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,458.42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,458.42
10	Flagstaff	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,791.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,791.88
11	Prescott	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,753.78	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,753.78
12	Prescott Valley	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,859.49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,859.49
13	Sedona	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,976.61	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,976.61
14	WULF Sponsors	\$ 10,500.00	\$ 1,000.00	\$ 1,500.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,000.00
15	Wells Fargo	\$ 4.25	\$ 3.84	\$ 4.26	\$ 4.12	\$ 3.51	\$ 2.35	\$ 4.50	\$ 5.83	\$ 5.64	\$ 5.81	\$ 5.26	\$ 5.16	\$ 54.53
16	Total													\$ 42,854.55
17														
18	Expenses													
19	AllwebCo (hosting fee)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	Web.com (domain renewal)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	IRS PTIN	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19.75	\$ -	\$ 19.75
22	Video Conferencing	\$ -	\$ -	\$ -	\$ 199.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 199.87
23	Doba Management	\$ 2,506.00	\$ 4,082.71	\$ 2,583.24	\$ 1,910.00	\$ 2,310.43	\$ 4,470.72	\$ 2,730.58	\$ 2,948.39	\$ 1,898.28	\$ 2,435.71	\$ 2,905.39	\$ 2,215.87	\$ 32,997.32
24	WULF Expenses	\$ 358.57	\$ 216.28	\$ 241.63	\$ 333.22	\$ 9,596.52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,746.22
25	Copies	\$ 49.01	\$ -	\$ -	\$ 25.33	\$ -	\$ -	\$ 66.90	\$ -	\$ -	\$ 32.19	\$ -	\$ -	\$ 173.43
26	Quickbooks	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 159.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 159.37
27	Shared software costs (CPWP)	\$ -	\$ 129.59	\$ -	\$ -	\$ 41.70	\$ -	\$ 65.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 236.80
28	Postage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Bd/TAC Meeting Supplies	\$ 24.74	\$ -	\$ -	\$ 5.00	\$ -	\$ -	\$ 32.24	\$ -	\$ -	\$ 30.84	\$ -	\$ -	\$ 92.82
30	AZ Sec of State (Lobbyist reg)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31	AZ Capitol Times	\$ -	\$ 400.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400.00	\$ -	\$ -	\$ 800.00
32	AZ Corp Commission	\$ 10.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10.00
33	Paypal Fees	\$ 13.44	\$ -	\$ 39.83	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 53.27
34	Appreciation Awards	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	Total	\$ 2,961.76	\$ 4,828.58	\$ 2,864.70	\$ 2,473.42	\$ 11,948.65	\$ 4,470.72	\$ 3,054.60	\$ 2,948.39	\$ 1,898.28	\$ 2,898.74	\$ 2,925.14	\$ 2,215.87	\$ 45,488.85

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Page 2													
2	Doba Management Services Billing Breakdown for CY2023													
3		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
4	Clerical Services*	\$ 107.10	\$ 193.80	\$ 58.30	\$ 84.80	\$ 42.40	\$ 275.60	\$ 201.40	\$ 212.00	\$ 111.30	\$ 106.00	\$ 185.50	\$ 26.50	\$ 1,604.70
5	PM Gen Services**	\$ -	\$ 491.70	\$ 1,029.60	\$ 156.00	\$ 156.00	\$ -	\$ 1,248.00	\$ -	\$ -	\$ -	\$ -	\$ 421.20	\$ 3,502.50
6	PM TAC Related	\$ 357.60	\$ 193.70	\$ 280.80	\$ 234.00	\$ 156.00	\$ -	\$ 436.80	\$ 280.80	\$ 514.80	\$ 421.20	\$ 280.80	\$ 374.40	\$ 3,530.90
7	PM Board Related	\$ 417.20	\$ 536.40	\$ -	\$ -	\$ 546.00	\$ -	\$ -	\$ 1,185.60	\$ -	\$ 124.80	\$ 514.80	\$ -	\$ 3,324.80
8	PM Communications	\$ 193.70	\$ 163.90	\$ 140.40	\$ 187.20	\$ 21.20	\$ 265.20	\$ 62.40	\$ 140.40	\$ 109.20	\$ 280.80	\$ 405.60	\$ 156.00	\$ 2,126.00
9	PM Organization Maint	\$ 193.70	\$ 745.00	\$ 280.80	\$ -	\$ 218.40	\$ -	\$ 296.40	\$ 577.20	\$ 156.00	\$ 343.20	\$ 202.80	\$ 156.00	\$ 3,169.50
10	PM GWPC	\$ 298.00	\$ 596.00	\$ -	\$ -	\$ -	\$ 296.40	\$ 312.00	\$ 312.00	\$ 904.80	\$ 1,060.80	\$ 1,107.60	\$ 889.20	\$ 5,776.80
11	Mileage	\$ -	\$ 119.21	\$ 44.54	\$ -	\$ 140.83	\$ 296.06	\$ 173.58	\$ 240.39	\$ 102.18	\$ 98.91	\$ 208.29	\$ 192.57	\$ 1,616.56
12	Meeting supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	WULF Expenses (Lodging, vehicle rental, gas)	\$ 938.70	\$ 1,043.00	\$ 748.80	\$ 1,248.00	\$ 1,029.60	\$ 3,337.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,345.56
14	Total	\$ 2,506.00	\$ 4,082.71	\$ 2,583.24	\$ 1,910.00	\$ 2,310.43	\$ 4,470.72	\$ 2,730.58	\$ 2,948.39	\$ 1,898.28	\$ 2,435.71	\$ 2,905.39	\$ 2,215.87	\$ 32,997.32
15														
16	* Clerical Services include meeting minutes, A/P, A/R, general bookkeeping, copies, mailings.													
17	** General Services include meeting attendance and reporting not specifically identified otherwise (Vetting 4 Water mtgs, etc.)													

	A	B	C	D	E	F	G	H	I
1	Page 3								
2	FY 2025 Budget								
3	NAMWUA Members	Population 2023*	Share of Total Population	Shared Cost by Population	Shared Fixed Cost	Total Member Cost @ \$33,068	Members Final Proportional Share		FY 2024 Total Member Cost @ \$29,800
4	Town of Chino Valley	13,930	6.01%	\$ 978.49	\$ 1,810.44	\$ 2,788.94	8.56%		\$2,547.61
5	Town of Clarkdale	4,868	2.10%	\$ 341.95	\$ 1,810.44	\$ 2,152.39	6.60%		\$1,968.45
6	City of Cottonwood	12,411	5.35%	\$ 871.79	\$ 1,810.44	\$ 2,682.24	8.23%		\$2,458.42
7	City of Flagstaff	79,665	34.34%	\$ 5,595.96	\$ 1,810.44	\$ 7,406.41	22.73%		\$6,791.88
8	City of Prescott	48,194	20.78%	\$ 3,385.32	\$ 1,810.44	\$ 5,195.77	15.94%		\$4,753.78
9	Town of Prescott Valley	50,320	21.69%	\$ 3,534.66	\$ 1,810.44	\$ 5,345.11	16.40%		\$4,859.49
10	City of Sedona	4,959	2.14%	\$ 348.34	\$ 1,810.44	\$ 2,158.78	6.62%		\$1,976.61
11	AZ Water Company	4,959	2.14%	\$ 348.34	\$ 1,810.44	\$ 2,158.78	6.62%		\$1,976.61
12	Camp Verde	12,658	5.46%	\$ 889.14	\$ 1,810.44	\$ 2,699.59	8.28%		\$2,467.17
13	Totals	231,964	100.00%	\$ 16,294.00	\$ 16,294.00	\$ 32,588.00	100.00%		\$29,800.00
14									
15	*Source: Arizona Commerce Authority 2023 Projections								
16		FY 25 Budget		To Date 1/1/23 - 12/31/23					
17									
18	Revenues								
19	Membership Dues	\$ 32,528.00		\$ 29,800.00					
20	Interest	\$ 50.00		\$ 54.53					
21	WULF Sponsorships	\$ -		\$ 13,000.00					
22	Total Revenue	\$ 32,578.00		\$ 42,854.53					
23									
24									
25	Expenses								
26	Administration costs	\$ 30,000.00		\$ 32,997.32					
27	Web hosting fees	\$ 160.00		\$ -					
28	Web Domain Renewal	\$ 18.00		\$ -					
29	Web Site Security	\$ 650.00		\$ -					
30	Web site rebuild	\$ -		\$ -					
31	Annual corporate filing fee	\$ 10.00		\$ 10.00					
32	Estimated conference call fees	\$ -		\$ -					
33	Video conferencing	\$ 200.00		\$ 199.87					
34	Bank Fees/Paypal Fees/Checks	\$ -		\$ -					
35	Consulting/legal services	\$ -		\$ -					
36	IRS PTIN	\$ -		\$ 19.75					
37	Secretary of State Fees	\$ 25.00		\$ -					
38	Shared software costs	\$ 140.00		\$ 236.80					
39	QuikBooks	\$ 160.00		\$ 159.37					
40	Postage	\$ -		\$ -					
41	Copies	\$ 175.00		\$ 173.43					
42	Meeting Supplies	\$ 100.00		\$ 92.82					
43	Advertising (twice, AZ Cap Times)	\$ 800.00		\$ 800.00					
44	PayPal Fees	\$ -		\$ 53.27					
45	WULF	\$ -		\$ 10,746.22					
46	Appreciation Awards	\$ 150.00		\$ -					
47	Total Expenses	\$ 32,588.00		\$ 45,488.85					

	A	B	C
1	Page 4		
2	Estimated FY2024 Carryover		
3	Cash on hand 12/31/23		
4	WULF Sponsorships (Paypal/accts rec)	\$	-
5	Savings account	\$	39,385
6	Checking account	\$	2,066
7		\$	41,451
8			
9	Estimated expenses thru 6/30/2024		
10	Admin fees	\$	15,000
11	Copies	\$	30
12	Video conferencing	\$	175
13	Postage	\$	10
14	Corporate filing fees	\$	10
15	Mtg supplies	\$	25
16	Shared software costs	\$	45
17	Advertising	\$	400
18	WULF Expenses	\$	7,000
19	Appreciation Awards	\$	-
20		\$	22,695
21			
22	EOY FY 2024 estimate	\$	18,756
23			
24	ESTIMATE		



Northern Arizona Municipal Water Users Association

TECHNICAL ADVISORY REPORT FOR ACTION ITEMS

TO: NAMWUA Board of Directors

BY: Ron Doba, Executive Director

DATE: 12/21/2023

MEETING DATE: 1/19/2024

TITLE:

CONSIDERATION OF NAMWUA PROGRAM MANAGER SERVICES FOR 2024

RECOMMENDED ACTION:

THE TECHNICAL ADVISORY COMMITTEE RECOMMENDS THE BOARD APPROVE THE INDEPENDENT CONSULTANT AGREEMENT WITH RON DOBA MANAGEMENT SERVICES, LLC FROM FEB 1, 2024, TO FEB 1, 2025

ACTION SUMMARY:

This action will renew the Agreement for program manager services with Ron Doba for one year. Either party may terminate the Agreement with or without cause by giving 30 days notice. Ron Doba has performed the program manager services for NAMWUA since September of 2007. The TAC considered this item at their December 17th meeting and recommended a 3% increase in fees for approval by the Board.

DISCUSSION:

The board initially authorized Ron Doba to provide temporary program manager services in September of 2007. The services were to be re-evaluated in January of 2008. In February of 2008 the NAMWUA board approved an agreement with Ron Doba Management Services to continue as program manager through January 2009. The Agreement has been renewed annually by the board since that time. Ron Doba has proposed to continue as the NAMWUA program manager for an additional year. The fees have been adjusted in this agreement by 3% at the recommendation of the TAC based on current pricing increases. Ron Doba provides Clerical Services for TAC and board meetings at a reduced

rate. Reduced rate services include meeting minutes, accounts receivable and accounts payable for the non-profit.

Key Considerations:

Ron Doba has been involved with NAMWUA since its inception as the City of Flagstaff Utilities Director. He retired from the City of Flagstaff in August of 2007 after 21 years as Utilities Director, Public Works Director, and Interim City Manager. Ron has served on an interim basis as Utilities Director for the Town of Clarkdale, a past WIFA board member, past Chair of the WIFA Finance Committee, served on the Governor's "Blue Ribbon" panel for water sustainability, the ADWR Water Resources Development Commission and is a Past-President of WateReuse Arizona. He is currently the "Designated Lobbyist" for NAMWUA and represents NAMWUA on the Governor's Water Augmentation, Innovation and Conservation Council, associated committees and the Kyl Center for Water Policy Advisory Board. Ron Doba is also the Coordinator for the Coconino Plateau Watershed Partnership.

Financial Implications:

The proposed budget for FY 2025 takes into account estimated fees for this Agreement. The number of hours charged varies based on assigned responsibilities from the TAC and Board.

Options and Alternatives:

An alternative is to solicit another program manager. This could be a private party or consulting firm.

Modify the Agreement.

Another alternative would be to not have a paid program manager and utilize the TAC to administer the organization. This arrangement is how NAMWUA started out. This worked well until the activities of the organization started growing, necessitating outside assistance for the TAC members.

Attachments /Exhibits:

Independent Consultant Agreement for Ron Doba Management Services, LLC.

NAMWUA Members:

Chino Valley	_____	Prescott	_____
Clarkdale	_____	Prescott Valley	_____
Cottonwood	_____	Sedona	_____
Flagstaff	_____	AZ Water Co.	_____

Date of Board of Directors Approval _____

NORTHERN ARIZONA MUNICIPAL WATER USERS ASSOCIATION
INDEPENDENT CONSULTANT AGREEMENT

THIS INDEPENDENT CONSULTANT AGREEMENT (“Agreement”) is made and entered into as of this 1st day of February, 2024, by and between the Northern Arizona Municipal Water Users Association (“Association”), an Arizona Non-Profit Corporation, and Ron Doba Management Services (“Consultant”), a Limited Liability Company located in Scottsdale, Arizona.

RECITALS

WHEREAS, the Consultant has expertise and skill in an area of work desired by the Association and is willing to provide consulting services to the Association; and

WHEREAS, the Association is willing to engage Consultant as an Independent Contractor, and not as an employee, on the terms and conditions set forth in this Agreement.

AGREEMENT

ARTICLE I - SCOPE OF SERVICE

The Consultant agrees to provide the professional services specified in the Scope of Services defined in Exhibit “A.”

ARTICLE II – CONSULTANT IS AN INDEPENDENT CONTRACTOR

This Agreement does not create an employee/employer relationship between the parties. It is the parties’ intention that the Consultant will be an independent contractor and not an employee of the Association for all purposes, including, but not limited to, the Fair Labor Standards Act, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the Internal Revenue Code (and any other Arizona income tax laws), the Arizona state workers’ compensation laws, the Arizona State unemployment insurance laws and any of the Association’s benefit plans for the Association’s employees. Consultant will retain sole and absolute discretion over the manner and means of carrying out the Consultant’s Scope of Services. Consultant agrees that it is a separate and independent enterprise from the Association, that it has a full opportunity to find other business, that it has made its own investment in its business, and that it will utilize a high level of skill necessary to perform the work. This Agreement shall not be construed as creating any joint employment relationship between Consultant and the Association and the Association will not be liable for any obligation incurred by the Consultant, including but not limited to unpaid minimum wages and/or overtime premiums. This Agreement shall not be construed to authorize the Consultant to act as an agent for the Association in any manner.

ARTICLE III - TIME OF PERFORMANCE

Work shall commence on February 1, 2024, and will expire on January 31, 2025. The contract shall automatically renew on a month-to-month basis unless written notice to the contrary is filed with either party

not later than the last business day (Monday through Friday) of the calendar month preceding the calendar month in which the current contract period expires.

ARTICLE IV - ASSOCIATION RESPONSIBILITIES

The Association shall accomplish the following:

Assist the Consultant by placing at its disposal all available information pertinent to the Scope of Services for the project.

Use its best efforts to secure release of other data necessary for the Consultant to perform the Scope of Services held by others.

Give prompt written notice to the Consultant whenever the Association observes, or otherwise becomes aware of, any fault or defect in the services or non-conformance with this Agreement.

ARTICLE V - CONSULTANT RESPONSIBILITIES

The consultant shall accomplish the following:

Give prompt notice to the Association whenever the Consultant observes, or otherwise becomes aware of, any fault or deficit in the project or any non-conformance with the Agreement.

Observe strict confidentiality in relations with all other parties regarding all of the Association's proprietary information and regarding any other information obtained in connection with the representation of the Association.

Consultant specifically agrees to indemnify, defend and hold harmless the Association and all of its officers, employees and officials from all claims of damages, costs or expenses in law and equity, including any wage or overtime claims made by any of Consultant's employees, and including reasonable attorney's fees and costs of suit that may arise out of or be related to any claims of damages, injury or harm to property or persons received or suffered as a result of the negligent errors, acts or omission of the Consultant or any of its agents, officers, employees and/or subcontractors engaged in the performance of services under the terms of this contract to the full extent permitted by law.

ARTICLE VI – ORGANIZATIONAL CONFLICT OF INTEREST

The definition of an organizational conflict of interest for the purpose of this Independent Consultant Agreement includes the following:

- Employment outside this Agreement with another employer where the interest(s) contradict the interest(s) of the Association
- Representing another employer and the Association at the same venue for similar or non-similar purposes

The Consultant warrants that, to the best of the Consultant's belief, there are no relevant facts or circumstances which could give rise to an organizational conflict of interest as defined in ARTICLE VI, or that the Consultant has disclosed all such relevant information.

The Consultant agrees that if an actual or potential organizational conflict of interest is identified during performance, the Consultant shall make a full disclosure in writing to the Association Board of Directors within five (5) working days. This disclosure shall include a description of actions which the Consultant has taken or proposes to take, after consultation with the Chairpersons of the Technical Advisory Committee and Board of Directors, to avoid, mitigate, or neutralize the actual or potential conflict of interest. The Consultant shall continue performance until notified by the Chairperson of the Technical Advisory Committee of any contrary action to be taken.

The Association may terminate this Agreement for convenience, in whole or in part, if it deems such termination is necessary to avoid an organizational conflict of interest.

ARTICLE VII - COMPENSATION

The Consultant shall be compensated for services in accordance with the fee schedules in Exhibit "A." It is further agreed that the Consultant shall not bill the Association, and Association shall not be liable to pay, any costs in excess of this amount without specific written authorization to do so from the Association, in accordance with the amendment procedure described in Article X hereunder.

The parties further agree and acknowledge that the Association is engaging Consultant as an independent contractor to provide services to the Association under the terms of this agreement and that the Association shall not be required, under any circumstance(s), to assume liability for the direct payment of any salary, wage, or other compensation to any person employed by the Consultant before, during, or after this agreement is in effect.

ARTICLE VIII – INCOME TAX DESIGNATION AND INDEMNIFICATION

The Association shall not withhold from sums becoming payable to the Consultant under this Agreement any amounts for federal, state or local taxes, including federal or state income taxes, employment taxes (including Social Security and Medicare taxes), and unemployment taxes. The Association shall report all payments to Consultant on Internal Revenue Service Form 1099. The Consultant agrees that any tax obligation of Consultant arising from the payments made under this Agreement will be the Consultant's sole responsibility. The Consultant will indemnify the Association for any tax liability, interest, and/or penalties imposed upon the Association by any taxing authority based upon the Association's failure to withhold any amount from the payments for tax purposes.

ARTICLE IX - METHOD AND SCHEDULE OF PAYMENT

The Consultant will invoice the Association monthly for services rendered through the end of the previous month, and the Association agrees to pay within thirty (30) days of receipt of a valid invoice. A valid invoice shall consist of a monthly account with a description of work performed, as well as an itemization of all reimbursable expenses, which must be documented with copies of receipts upon request by the Association.

All invoices must include a description of the service performed.

ARTICLE X - TERMINATION

Either party may cancel or terminate this Agreement at any time, with or without cause, by giving thirty (30) days written notice to the other party. In the event such termination occurs prior to completion of the Scope of Services provided herein, the Association agrees to pay the Consultant for work actually performed in accordance with the terms of this Agreement through the cancellation date.

ARTICLE XI - CHANGES

The Association may, from time to time, require changes in the Scope of Services by the Consultant to be performed hereunder. Such changes which are mutually agreed upon by and between the Association and the Consultant shall be incorporated by written amendment to this Agreement. No payment shall be made by the Association to the Consultant for any work that does not have such an amendment incorporated into this Contract by mutual signed agreement. There shall be no oral modifications of this Agreement.

ARTICLE XII - AUTHORITY

This Agreement shall be governed by the laws of the State of Arizona. Any actions arising out of or relating to this Agreement shall be brought in Coconino County, Arizona.

ARTICLE XIII - THIRD PARTY CONTRACTS

The Consultant shall have no authority to bind the Association in any way with third parties without the prior written consent of the Association.

ARTICLE XIV – ENTIRE AGREEMENT

This Agreement contains the entire understanding and agreement between the parties hereto with respect to its subject matter and supersedes any prior or contemporaneous written or oral agreements, representations or warranties between them respecting the subject matter hereof.

ARTICLE XV – SEVERABILITY

If any term, provision, covenant or condition of this Agreement, or the application thereof, shall be held by a court of competent jurisdiction to be invalid, unenforceable or void, the remainder of this Agreement shall remain in full force and effect.

ARTICLE XVI – ASSIGNMENT

This Agreement may not be assigned by the Consultant without the express written permission of the Association.

IN WITNESS THEREOF, the parties hereto have executed this Agreement in duplicate originals on the day and year here above written.

NORTHERN ARIZONA MUNICIPAL
WATER USERS ASSOCIATION

RON DOBA MANAGEMENT SERVICES, L.L.C.

By: _____
Phil Goode, Board Chair

By: _____
Ron Doba, Principal

EXHIBIT "A"

SCOPE OF SERVICES

Ron Doba, Consultant will manage, oversee, advise and provide technical assistance to the Northern Arizona Municipal Water Users Association. Consultant shall provide his own work area to include computer for e-mail communications and telephone.

Duties and responsibilities of the consultant include:

- Maintenance of communications between Association membership, other organizations, and the public.
- Maintaining Association records, to include but not limited to by-laws, valid membership and officer lists, reports, studies, meeting agendas and minutes.
- Preparation and distribution of Board and Technical Committee agendas and minutes
- Provision of clerical assistance for the purpose of recording meeting minutes.
- Required reports that may determined by the Association and assigned on an as needed basis.
- Maintenance of the financial records of the Association
- Presentation of staff reports to the Board and Technical Committee
- Preparation of financial reports of the Association for the Board and technical committee.
- Respond to citizen and organization questions regarding the Association.
- Other assignments as requested by the Association
- Preparation and maintenance of annual budget

FEE AND BILLING

Consultant will be compensated at the rate of \$160.00 per hour.

Clerical service will be provided by Consultant (unless provided by another agency) for the purpose of minute taking at meetings at the rate of \$55.00 per hour.

Consultant will be compensated for mileage at the prevailing federal mileage rate for meetings.

Consultant will be compensated for any approved travel expenses, necessary to conduct business for the Association. Travel expenses must be approved prior to travel taking place by the Board or TAC Chair.

Reimbursables shall be compensated for at actual costs. Approved reimbursables include:

- Copy expenses
- Consumable office supplies (examples: paper, markers, printer supplies, recording tapes)
- Postage
- Commodities necessary for meetings (examples: name tags, refreshments, meeting room expenses)

Reimbursables shall be approved by the Technical Advisory Committee Chairperson if not identified in this Scope of Services.

A monthly invoice shall be submitted to the Association no later than the 5th day of each month. After review and approval, the entire amount due each month shall be paid (30) thirty days after submission of monthly invoice.

The Northern Arizona Municipal Water Users Association

Balance Sheet Summary

As of December 31, 2023

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	41,451.36
Total Current Assets	\$41,451.36
TOTAL ASSETS	\$41,451.36
LIABILITIES AND EQUITY	
Liabilities	
Total Liabilities	
Equity	41,451.36
TOTAL LIABILITIES AND EQUITY	\$41,451.36

The Northern Arizona Municipal Water Users Association

Profit and Loss Detail

January - December 2023

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	SPLIT	AMOUNT	BALANCE
Ordinary Income/Expenses							
Income							
Investments							
Interest-Savings, Short-term CD							
01/31/2023	Deposit	dep			Wells Fargo - Savings	4.25	4.25
02/28/2023	Deposit	DEP			Wells Fargo - Savings	3.84	8.09
03/31/2023	Deposit	deo			Wells Fargo - Savings	4.26	12.35
04/28/2023	Deposit	dep			Wells Fargo - Savings	4.12	16.47
05/31/2023	Deposit	dep			Wells Fargo - Savings	3.51	19.98
06/30/2023	Deposit	dep			Wells Fargo - Savings	2.35	22.33
08/02/2023	Deposit	elec	Wells Fargo	interest	Wells Fargo - Savings	4.50	26.83
08/31/2023	Deposit		Wells Fargo Bank, NA	interest	Wells Fargo - Savings	5.83	32.66
09/29/2023	Deposit		Wells Fargo	interest	Wells Fargo - Savings	5.64	38.30
10/31/2023	Deposit		Wells Fargo	interest	Wells Fargo - Savings	5.81	44.11
11/30/2023	Deposit		Wells Fargo Bank, NA	interest	Wells Fargo - Savings	5.26	49.37
12/29/2023	Deposit		Wells Fargo	interest	Wells Fargo - Savings	5.16	54.53
Total for Interest-Savings, Short-term CD						\$54.53	
Total for Investments						\$54.53	
Program Income							
Membership Dues							
06/21/2023	Invoice	175	Arizona Water Company	FY 2024 Annual Dues	Accounts Receivable	1,976.61	1,976.61
07/04/2023	Invoice	168	Town of Clarkdale	FY 2024 Annual Dues	Accounts Receivable	1,968.45	3,945.06
07/10/2023	Invoice	169	Town of Chino Valley	FY2024 Annual Dues	Accounts Receivable	2,547.61	6,492.67
07/10/2023	Invoice	171	City of Flagstaff	FY 2024 Annual Dues	Accounts Receivable	6,791.88	13,284.55
07/12/2023	Invoice	176	Town of Camp Verde	FY 2024 Annual Dues	Accounts Receivable	2,467.17	15,751.72
07/14/2023	Invoice	170	City of Cottonwood	FY 2024 Annual Dues	Accounts Receivable	2,458.42	18,210.14
07/15/2023	Invoice	172	City of Prescott	FY 2024 Annual Dues	Accounts Receivable	4,753.78	22,963.92
07/18/2023	Invoice	173	Town of Prescott Valley	FY 2024 Annual Dues	Accounts Receivable	4,859.49	27,823.41
07/31/2023	Invoice	174	City of Sedona	FY 2024 Annual Dues	Accounts Receivable	1,976.61	29,800.02
Total for Membership Dues						\$29,800.02	
Total for Program Income						\$29,800.02	
WULF Sponsorship							
01/06/2023	Invoice	165	Black & Veatch	Water Utilities Leadership Forum, Flagstaff, May 19, 2023 Bronze Sponsorship	Accounts Receivable	500.00	500.00
01/09/2023	Invoice	162	Veregy	Water Utility Leadership Forum Platinum Sponsorship, Flagstaff, 5/19/2023	Accounts Receivable	5,000.00	5,500.00
01/19/2023	Invoice	160	Stantec	Water Utility Leadership Forum Gold Sponsorship 5/19/2023	Accounts Receivable	2,500.00	8,000.00
01/20/2023	Invoice	163	Arizona Water Company	Water Utility Leadership Forum Gold Sponsorship, Flagstaff, 5/19/2023	Accounts Receivable	2,500.00	10,500.00
02/14/2023	Invoice	164	HDR	Water Utility Leadership Forum Silver Sponsorship, Flagstaff,	Accounts	1,000.00	11,500.00

The Northern Arizona Municipal Water Users Association

Profit and Loss Detail
January - December 2023

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	SPLIT	AMOUNT	BALANCE
				5/19/2023	Receivable		
03/07/2023	Invoice	167	Civiltec Engineering, Inc.	Water Utilities Leadership Forum May 19, 2023	Accounts Receivable	500.00	12,000.00
03/21/2023	Invoice	166	Conсор	Water Utility Leadership Forum 5/19/2023	Accounts Receivable	1,000.00	13,000.00
Total for WULF Sponsorship						\$13,000.00	
Total for Income						\$42,854.55	
Expenses							
Advertising							
02/23/2023	Check	debit	Capitol Times		Wells Fargo Checking	400.00	400.00
10/01/2023	Bill		Capitol Times	advertising	Accounts Payable	400.00	800.00
Total for Advertising						\$800.00	
Business Expenses							
Business Registration Fees							
01/17/2023	Check	debit	Arizona Corporation Commission		Wells Fargo Checking	10.00	10.00
Total for Business Registration Fees						\$10.00	
Total for Business Expenses						\$10.00	

The Northern Arizona Municipal Water Users Association

Profit and Loss Detail

January - December 2023

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	SPLIT	AMOUNT	BALANCE
Contract Services							
Outside Contract Services							
01/03/2023	Bill		Ron Doba Management Services	December	Accounts Payable	2,506.00	2,506.00
02/23/2023	Bill		Ron Doba Management Services	jan 2023	Accounts Payable	4,082.71	6,588.71
03/01/2023	Bill		Ron Doba Management Services	feb	Accounts Payable	2,583.24	9,171.95
04/03/2023	Bill		Ron Doba Management Services	march 2023	Accounts Payable	1,910.00	11,081.95
05/01/2023	Bill		Ron Doba Management Services	april	Accounts Payable	2,310.43	13,392.38
06/01/2023	Bill		Ron Doba Management Services	may 2023	Accounts Payable	4,470.72	17,863.10
07/02/2023	Bill		Ron Doba Management Services	june 2023	Accounts Payable	2,730.58	20,593.68
08/01/2023	Check	1268	Ron Doba Management Services		Wells Fargo Checking	2,948.39	23,542.07
09/01/2023	Bill	1269	Ron Doba Management Services	Sept 2023	Accounts Payable	1,898.28	25,440.35
10/01/2023	Bill	421	Ron Doba Management Services	Oct billing	Accounts Payable	2,435.71	27,876.06
11/01/2023	Bill		Ron Doba Management Services	October services	Accounts Payable	2,905.39	30,781.45
12/01/2023	Bill	427	Ron Doba Management Services	Nov Services	Accounts Payable	2,215.87	32,997.32
Total for Outside Contract Services						\$32,997.32	
Total for Contract Services						\$32,997.32	
Food for meetings							
01/20/2023	Check	debit	Fry's Groceries		Wells Fargo Checking	5.14	5.14
01/20/2023	Check	debit	Fry's Groceries		Wells Fargo Checking	19.60	24.74
04/21/2023	Check	debit	Fry's Food		Wells Fargo Checking	5.00	29.74
07/21/2023	Check	debit	Starbucks		Wells Fargo Checking	22.24	51.98
07/21/2023	Check	debit	Frys		Wells Fargo Checking	10.00	61.98
10/20/2023	Check	debit	Starbucks	coffee	Wells Fargo Checking	23.84	85.82
10/20/2023	Check	debit	Albertsons	donuts	Wells Fargo Checking	7.00	92.82
Total for Food for meetings						\$92.82	
Operations							
Books, Subscriptions, Reference							
05/02/2023	Check	debit	CPWP		Wells Fargo Checking	41.70	41.70
07/19/2023	Check	debit	Quikbooks		Wells Fargo Checking	159.37	201.07
Total for Books, Subscriptions, Reference						\$201.07	
Printing and Copying							
01/18/2023	Check	debit	Office Max		Wells Fargo Checking	49.01	49.01
04/19/2023	Check	debit	Office Max		Wells Fargo Checking	25.33	74.34
07/19/2023	Check	debit	Office Max		Wells Fargo Checking	66.90	141.24
10/17/2023	Check	debit	Office Max	copies	Wells Fargo Checking	32.19	173.43
Total for Printing and Copying						\$173.43	
Supplies							
02/02/2023	Check	debit	CPWP		Wells Fargo Checking	129.59	129.59
Total for Supplies						\$129.59	
Video Conferencing							
04/06/2023	Check	debit	Zoom		Wells Fargo Checking	299.80	299.80
04/06/2023	Deposit	dep			Wells Fargo Checking	-99.93	199.87
Total for Video Conferencing						\$199.87	
Total for Operations						\$703.96	
Other Types of Expenses							
Misc Fees							
01/06/2023	Check		Paypal fee		WULF Paypal	13.44	13.44
03/07/2023	Check	elec	Paypal fee		WULF Paypal	13.44	26.88
03/21/2023	Check	elec	Paypal fee		WULF Paypal	26.39	53.27
11/03/2023	Check	elec	IRS	PTIN Renewal	Wells Fargo Checking	19.75	73.02
Total for Misc Fees						\$73.02	
Other Costs							
07/29/2023	Check	debit	CPWP		Wells Fargo Checking	65.51	65.51
Total for Other Costs						\$65.51	
Total for Other Types of Expenses						\$138.53	

The Northern Arizona Municipal Water Users Association

Profit and Loss Detail

January - December 2023

DATE	TRANSACTION TYPE	NUM	NAME	MEMO/DESCRIPTION	SPLIT	AMOUNT	BALANCE
Unapplied Cash Bill Payment Expense							
02/28/2023	Bill Payment (Check)	1262	Ron Doba Management Services		Wells Fargo Checking	2,583.24	2,583.24
03/01/2023	Bill		Ron Doba Management Services	feb	Contract Services:Outside Contract Services	-2,583.24	0.00
09/27/2023	Bill Payment (Check)	debit	Capitol Times		Wells Fargo Checking	400.00	400.00
10/01/2023	Bill		Capitol Times		Advertising	-400.00	0.00
Total for Unapplied Cash Bill Payment Expense						\$0.00	
WULF Expenses							
01/06/2023	Check	debit	Amazon		Wells Fargo Checking	131.45	131.45
01/30/2023	Check	debit	Office Max		Wells Fargo Checking	227.12	358.57
02/03/2023	Check	debit	Amazon		Wells Fargo Checking	165.62	524.19
02/10/2023	Check	debit	Office Max		Wells Fargo Checking	50.66	574.85
03/27/2023	Check	debit	Office Max		Wells Fargo Checking	174.67	749.52
03/27/2023	Check	debit	Amazon		Wells Fargo Checking	66.96	816.48
04/03/2023	Check	debit	Amazon		Wells Fargo Checking	9.67	826.15
04/03/2023	Check	debit	Yeti		Wells Fargo Checking	305.73	1,131.88
04/20/2023	Check	debit	Amazon		Wells Fargo Checking	17.82	1,149.70
05/10/2023	Check	debit	Amazon		Wells Fargo Checking	85.36	1,235.06
05/10/2023	Check	debit	Amazon		Wells Fargo Checking	17.01	1,252.07
05/13/2023	Check	debit	Amazon		Wells Fargo Checking	64.80	1,316.87
05/15/2023	Check	debit	High Country Conf Center		Wells Fargo Checking	9,329.11	10,645.98
05/22/2023	Check	debit	High Country Conf Center		Wells Fargo Checking	100.24	10,746.22
Total for WULF Expenses						\$10,746.22	
Total for Expenses						\$45,488.85	
Net Income						\$ -2,634.30	



From the office of Council Member Babbitt-Pierce

January Report

- 8 - Meeting with Town Manager Guthrie.
- 9 - Town Council Meeting.
- 10 - TPAC Meeting.
- 11 - Water System Open House.
- 22 - Meeting with Town Manager Guthrie.
- 23 - Town Council Meeting.
- 25 - Yavapai Communities for Young Children.
- 31 - Strategic Planning Session.

Transportation Policy Advisory Committee

November 8, 2023 ♦ Zoom Teleconference

MEMBER NAME	ENTITY	PRESENT	ABSENT	STAFF NAME	
Marney Babbitt-Pierce	Town of Clarkdale	X		Jennifer O'Connor	
Fern Benally	Navajo County	X		Cindy Binkley	
Bill Diak	City of Page		X	Mike Huff	
Michael Lomayaktewa	Hopi Tribe	X			
Mary Mallory	Yavapai County		X		
Jerry Smith	Town of Pinetop-Lakeside		X		
Alton Shepherd	Apache County	X		GUEST/ALTERNATE NAME	ENTITY
Jeronimo Vasquez	Coconino County	X		Kevin Adam	RTAC

I. Call to Order and Introductions

Vice Chairman Alton Shepherd called the meeting to order at 1:00 P.M. Self-introductions were made. A quorum was present.

II. Acknowledgment of Title VI Policy

NACOG hereby gives public notice that it is the Agency's policy to assure full compliance with Title VI of the Civil Rights Act of 1964, Title II of the Americans with Disabilities Act of 1990 and other related authorities in all of its programs and activities. NACOG's Title VI and ADA programs require that no person shall, on the grounds of race, color, national origin, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity.

More information on Title VI is included in the agenda packet and on NACOG's website.

III. Approval of Minutes – September 13, 2023

Vice Chairman Shepherd asked for any corrections to the September 13 meeting minutes. Hearing none, he asked for a motion to approve.

Marney Babbitt-Pierce moved to approve the September 13, 2023 meeting minutes, seconded by Jeronimo Vasquez. Motion passed unanimously.

IV. Legislative Update

Kevin Adam provided a legislative update.

Federal Update

The federal government is currently operating on a Continuing Resolution (CR) that will fund operations through November 17. The House and Senate are not in agreement on funding levels for the remainder of the fiscal year. There is a high level of bipartisan support to fund most of the

transportation programs at their authorized levels, although there have been some bills circulating in the House of Representatives that would reduce funding levels.

State Update

The state budget outlook is not as robust as it has been over the last couple of years. There was a tremendous amount of federal and state funding related to COVID response that built up historically large revenue surpluses. As of the end of the last legislative session, those balances have been exhausted. For the coming year, the state will be reliant upon revenue collections as well as any adjustments to the state's baseline spending. Right now, neither of those items is trending in a positive direction. The Legislature's budget forecast is currently showing a deficit of approximately \$400 million.

While the likelihood of additional investment in infrastructure is not good when a budget deficit is expected, the RTAC will remain proactive. The greater Arizona priority projects list has been assembled and will demonstrate the need for the continued prioritization of investment in transportation infrastructure.

The structural deficit reinforces the need for the AZ SMART Fund, which helps rural communities to bring in federal funding. In addition to funding for the SMART program, the RTAC is working with the Governor's Office and ADOT on reforms to improve the program and ensure that the funding is utilized as intended.

V. Regional Priority Projects List (RPPL) Next Steps

The region's Priority Projects list currently has 18 projects totaling a funding request of \$75,287,000. NACOG staff has prepared project binders for each legislator, which include fact sheets, commitment forms and letters of support. TPAC members are encouraged to write letters of support for their communities' projects.

Jurisdiction staff and elected officials are encouraged to contact their legislators in advance of the session and advocate for their projects. NACOG staff will provide contact information for the legislators and will set up their own meetings with legislators in the coming weeks.

VI. Announcement of Safe Streets and Roads for All (SS4A) Grant Award for Verde Valley Transportation Safety Plan

Yavapai County has been awarded a Safe Streets and Roads for All (SS4A) grant for the Verde Valley Transportation Safety Plan. The award is \$250,000 in SS4A funding, plus \$62,500 in matching funds from the AZ SMART Fund. The completed plan will include a data-driven safety priority analysis and robust public and stakeholder involvement. It will identify projects, strategies, policies, and educational recommendations to help decrease the number of severe injuries and deaths on the Verde Valley transportation network.

VII. Rural School Bus Routes Study Update

NACOG is seeking a formal partnership with the Navajo DOT, as well as collaboration with BIA, ADOT, counties and other local jurisdictions. Funding opportunities to cover the cost of the study include a state budget request, PROTECT, and the Tribal Transportation Safety Program Fund.

VIII. Transportation Program Update

The Rural Transportation Summit held in October was a successful event. There was good participation from northern Arizona's communities. The 2024 Summit will be held in Prescott and hosted by CYMPO.

The Regional Transportation Safety Plan (RTSP) will be completed in December. NACOG staff and Greenlight Traffic Engineering have been meeting with local jurisdictions and police departments to finalize priority project locations. The Regional Council adopted the NACOG Rural Road Safety Proclamation at their 10/26 meeting, committing the region to working toward zero deaths by 2048. Mike Huff will be creating ArcGIS story maps for each jurisdiction to review their crash data and priority safety locations.

The Town of Jerome has applied for AZ SMART funding for their Verde Avenue planning and design project.

The call for projects for the Transportation Alternatives (TA) program is expected in April 2024. There will be \$16 million available, with no minimum or maximum funding amounts set for projects. TA grants are for smaller-scale transportation projects and activities. If a project sponsor's screening application is approved, their evaluation application will be due by 9/29. ADOT will administer all projects, applicants should include Project Development Administration (PDS) fees in the project cost estimate.

ADOT Off-System Bridge (OSB) Program call for projects is currently open. Applications are due 12/30. The OSB program provides funds for design/construction for the replacement, rehabilitation, preservation and protection of roadway bridges over waterways, topographical barriers, railroads, canals, and ferry landings. To be eligible for OSB, the bridges cannot be on the Federal-aid highway system. NACOG support is required by ADOT.

A funding announcement for the Thriving Communities Grant is forthcoming. This program is intended to invest in surface transportation infrastructure projects of national or regional significance and expand/improve infrastructure in rural areas. Eligible activities include rail/highway grade separation/elimination; HSIP; public transportation; wildlife crossings, highway, bridge and freight projects. There will be \$5.5 billion available for FYs 23 and 24 combined.

VII. Adjourn

Committee members that do not currently receive Kevin's RTAC email updates should contact Cindy Binkley or visit rtac.net/contact to be added to the distribution list.

The next TPAC meeting is scheduled for 1-2:30PM on Wednesday, 12/13. Staff will send an Outlook invitation to determine if there will be a quorum for the meeting.

Vice Chairman Shepherd asked for any final questions or comments. Hearing none, he adjourned the meeting.

Vice Chairman Alton Shepherd adjourned the November 8, 2023 meeting of the NACOG Transportation Policy Advisory Committee at 1:50 P.M.

Verde Valley Transportation Planning Organization (VVTPO)

MEETING NOTES

November 8, 2023, Meeting

Meeting held In Person and via Microsoft Teams

1. CALL TO ORDER

2. ROLL CALL – ATTENDING:

Lou Andersen – Town of Clarkdale
Marney Babbitt-Pierce – Town of
Clarkdale (via teams)
Dorie Blair – Town of Camp Verde (via
teams)
Lisa Boring – Town of Clarkdale (via
teams)
James Bramble – City of Cottonwood
Gary Davis – City of Cottonwood
James Gregory – Yavapai County
(BOS)
Kurt Harris – City of Sedona
Mark Hooten - YCSO
Michael Huff – NACOG (via teams)
Dee Jenkins – Town of Camp Verde (via
teams)
Jen Mabery – YCCHS/BAC
Carole Mackler – Cornville

Robert Mills – Yavapai Apache Nation
Tod Morris – NACOG (via teams)
Roger McCormick – Yavapai County
(Public Works)
Ryan Nicholson – Prescott National
Forest
Jennifer O'Connor – NACOG (via
teams)
Amber Pava – Yavapai County (BOS)
Delrey Pearson – Prescott National
Forest (via teams)
Daniel Pritchard – YCSO
Veronica Stepanek – Yavapai County
(BOS)
Robert Weber – City of Sedona
Francisco Yanes – ADOT (via teams)

3. REVIEW OF MEETING NOTES: Meeting notes – 09/27/2023 approved.

4. YAVAPAI COUNTY UPDATE: Roger McCormick, Public Works

- Cornville Road – Funding opportunity through Senator Kelly's office Congressionally Directed Spending program. Still waiting to hear if the proposed roundabout at Tissaw Rd and Cornville Rd will make the final list. The project has made it through the first couple of rounds. The County is still moving forward and has hired a consultant for design. County approved a contract with Kittelson and Associates for Design work. The County was successful with its application for Congressionally Directed Spending (\$2.53M). 90% plans were submitted to the County and are under review. Waiting for coordination with ADOT to finalize 90% review. Project initiation packet for the CDS

funding has been sent to ADOT. ADOT PM has been assigned, hoping IGA with ADOT will be coming soon.

- Cornville Road – Shoulder widening and rumble strips highway safety improvement project (HSIP). Centerline rumble strips will be installed east of Tissaw Rd. down through the switchbacks approximately 2.0 miles. Centerline and shoulder rumble strips along with shoulder widening will occur from approximately Ravenroost Road to Beaverhead Flat Road approximately 2.6 miles. Northside paving is complete. Working on southside building subgrade, AB placement, milling. If all goes well scheduled completion is Mid-December 2023.
- Bice Road (Beaver Creek Rd to SW Line of APN 405-23-017G) – Dirt to black paving project for fiscal year 23/24. Design is at 60% level. Anticipated construction next spring/summer.
- Traffic Study For Regionally Significant Roads – This study will look at traffic and safety to determine spot improvements on 4 regionally significant roads in Yavapai County (Cornville Rd, Pioneer Pkwy, Williamson Valley Rd, Iron Springs Rd). The County selected Greenlight Engineering for this study. The kickoff meeting was held on 7/27/21. Greenlight is complete with gathering of existing data which includes a traffic and accident analysis. Draft working paper 2 will incorporate the public comments received from the website. Public comment period closed on 11/20/22. Participation was good. Project identification is complete for all 4 roads include Cornville Road, Pioneer Pkwy, Williamson Valley Rd, and Iron Springs Rd. Getting close to issuing draft report for community review, aiming for end of November for posting of report.
- Roadside Parking (Dry Creek Rd) Project County is working with the City of Sedona on a joint project to inhibit parking on the side of Dry Creek Rd. Significant utility conflicts have been identified and the City and County are considering options to limit disturbance. Have gone back to the table and are considering different options. Yavapai County and City of Sedona recently participated in the Transportation Alternative Group put together with the Forest Service and the USDOT Volpe Center to study Sedona area issues. Have been coordinating with the City of Sedona and Forest service to come to a solution. Looking at using a system like ADOT's 89A with timber posts and chains.
- Annual Overlay Project – Concho Overlay project is substantially complete in the Village of Oak Creek area.
- Cottonwood Land Exchange – County is considering alternatives to land exchange process, which includes land acquisition through the small tracts act and the land and water conservation program. County is moving forward with providing the Coconino Forest Service with necessary documentation for the small tracts act to purchase the land directly from the forest service.

- Beaver Creek Road Widening - A significant cultural site was identified within the proposed roadside cut, relocation of site or change in design plans is required. Yavapai County has construction funding tentatively scheduled in year 23/24 and 24/25 of its 5-year plan. Due to significant cultural work identified by the National Park Service they are unable to relocate the site, design team is unable to widen road as wide as originally planned and improvements will most likely be limited to increasing visibility around the first curve as you approach the Park coming from the school. Geotechnical investigation planned for Fall to determine limits of potential cuts to increase visibility around first curve. Design work to follow in Fall/Winter. Yavapai County is consulting with Geotechnical firms.

- Yavapai County in conjunction with NACOG applied for the Safe streets for all program, to update the VVMTP with safety projects. We were notified of award to Verde Valley municipalities \$250K. We also sought an AZ SMART grant for the matching funds and was awarded \$62.5K.

5. CITIES, TOWNS AND ORGANIZATIONS UPDATES:

CAMP VERDE: Dorie Blair

- Annual Chip Seal and striping in area 5 (Quarterhorse Ln) is complete.
- School Traffic Improvement Project in conjunction with Camp Verde Unified School District – 40% complete.
- Awaiting execution of IGA with the Arizona Department of Transportation for the AZ Smart Grant.

CLARKDALE: Lou Andersen, Marney Babbitt-Pierce

- Clarkdale approved the HERF exchange with the State of Arizona for Broadway overlay phase II. Thank you to NACOG for all their support with the process.
- Broadway road phase II – Main Street & Broadway Overlay: Notice to Proceed for HURF Exchange Project 11-9-23.
- Clarkdale Parkway transportation alternative submittal - awaiting outcome.
- Clarkdale pavement condition report completed October 2023.

COTTONWOOD: James Bramble, Gary Davis

- Construction has started on Alamos Drive extension north of Black Hills Drive
- Construction continues on Groseta Ranch Road from SR 89A to Main Street through Vineyards subdivision
- Main Street Pavement/10th Street Roundabout design should be complete by January.

- Monte Tesoro sidewalk project from Fir to Mesquite was awarded and construction should begin within 30-60 days
- Contract for spring pavement preservation should go to Council for approval in early 2024

JEROME: No Report

SEDONA: Curt Harris and Robert Weber

- Trailhead shuttles are saying double digit increases and ridership.
- Our vehicles for the Micro Transit service will go into production late January, which could make us operational by next summer.
- FTA did fund the engineering and design for the regional maintenance and operations facility for transit, which is intended to support Sedona, Cottonwood and the Verde Valley caregivers, perhaps other regional providers on an ad hoc basis.
- Still waiting for the initial draft of the USDOT Volpe tag report. The public lands team from Volpe was here in September where they conducted a transportation assessment of the Sedona area, Village of Oak Creek, and Oak Creek Canyon. There were many stakeholders involved with that process. We are waiting for the draft report from Volpe and then once that's finalized, it'll get published out to all the various stakeholders, both government and private stakeholders that that were part of that process.
- Coffee with Robert Hanifin from the USDOT Build America program to discuss funding strategies for construction for obviously maintenance and operations facility and other transit facilities that may be needed, transit hubs etcetera.
- Contract received with Roadway Asset Services, RAS to do our pavement analysis. We've been kind of waffling between a bunch of vendors, and they look like they have the best value. So, they'll hopefully be a great team to us to assess our pavement conditions. And more importantly they spend a lot on a few other engineers, know about the algorithms on what pavement recommendations are and hopefully give us a lot more information to share with council so we can take good money after good projects and take good money after bad once pavement gets too bad. So now hopefully we're looking forward to that and they're going to work with us and get a report out by early this winter.
- If you guys were keeping track on the Sedona parking garage or consolidated parking for Uptown, it's going to council which we feel in public works is critical to reducing traffic congestions on weekends, Fridays to Saturdays, holidays.

- Tied to that project is Forest Rd which is fanned. We had a lot of delays, so we're back and running. We've actually been moving dirt since October 10th. So, we're really happy that we can get that project up and going because that ties into our grant application for state funding for the roundabout and state Route 89 A that we're just kicking off in scoping design which when Forest is connected to state Route 89 A which then ties into the hub.
- But the two projects right now, I got one going to vote November 14th. That's our SIM 1B Sedona in motion, which is our northbound improvements to add more storage volume. We fixed the southbound for the traffic congestion going all the way to Midley Bridge and SIM One. This is the backside of that project to try to improve transportation connectivity in the Uptown going north up state Route 89 into Uptown. So, the cost though we had to get delayed in a normal bid process, all the bids came back more than 100% of what we estimated cost was in 2022. So, we're we changed from a normal bid process a little bit to a jock contract and I'll talk more about that to the group later.
- Brewer Roundabout we're at 100%. We're trying to work out details with Kim and Horn and design and adjacent landowners, what we can do for value engineering and cost savings to try to deliver that project under again a reasonable budget of what we anticipated in 2022 into 2023 and ending with the jock, the job ordering contract.

YAVAPAI APACHE NATION: Robert Mills

- Nothing new going on right now. We've been on a holding pattern, but our we just recently hired a new public works director. We met yesterday to talk about road improvements and transit. So there'll be movement going on soon.
- I also want to remind everybody of me to talk about asphalt, Yavapai Apache Nation does have an asphalt plant. So please consider us when you are thinking about purchasing asphalt.

BEAVER CREEK: No Report

BIG PARK: No Report

CORNVILLE: Carole Mackler

- Nothing new except thank you for the county for keep working on Cornville Rd. Yes, it is a little strenuous out there at times, but it looks great.

6. OTHER AGENCY UPDATE:

ADOT: Francisco Yanes

- F0207 I-17 SB County Line - McConnell Bridge, Pavement Preservation
 - 91% Complete.
 - This project will have to go into another winter shutdown due to contractor being pulled out of the project for emergency paving operations. Contractor will return next spring to finish project.
- H8778/H8907/F0154 SR-89A Oak Creek Canyon (Pumphouse Wash Bridge/Erosion & Sediment Control/Rockfall Mitigation)
 - 3 different projects combined into one.
 - H8778 Pumphouse Wash bridge complete.
 - H8907 Erosion Control project still need to fix slide area. Still working on design, encountered some issues and addressing ASAP.
 - Rockfall Mitigation blasting scheduled for early December and will have full closures for a couple of weeks.
- T0284, Yavapai County-Cornville Road (Rumble Strips and Shoulder Widening)
 - 76% complete.
 - Working on south side subgrade and AB placement.
 - Project expected to be complete by the end of November.
- F0425, I-17 McGuireville Rest Areas Rehabilitations (NB/SB)
 - Bids were rejected at the 7/21 State Transportation Board meeting due to the lowest bidder being 81% over state estimate.
 - Spoke with the project manager and project has been cancelled with no plans of moving forward at this time.
- F0443, SR-89A MP 353.8-355.9 in Cottonwood, Pavement Preservation.
 - 87% complete.
 - Final stripe, pedestrian poles and handrail to be completed by the last week of November and first week of December and then project will be complete.
- F0421 Safety Improvements-Tree Removals SR-87, SR-179 and SR-87.
 - Tree removals have been complete for SR-179.
 - Seeding will be done this month. After seeding is complete, no further impacts on SR-179.

Bicyclists Coalition: Jen Mabery

- BAC is very excited about the Grant awards given to NACOG for the safe routes for all. Great job!
- We are planning to purchase signage for select areas within Cottonwood to alert traffic of cyclists in area and to share the road.
- Concern with debris along southbound HWY89A:
 - Large amount of glass is present in the lane quarter mile past mile marker 365.
 - Tire debris-about .3 tenths of a mile past Page Springs Road southbound.
 - Another large amount of glass going southbound on HWY 89A just past the Dry Creek Bridge area.
 - We sent emails in early October to Brendon Foley of ADOT, with no response. Will plan on emailing again and including Steven Krager (not sure of last name spelling)

Verde Valley Fire Chiefs: No Report

Coconino National Forest Service: No Report

Prescott National Forest Service: Ryan Nicholson

- I don't have any specific Verde Valley updates at this time, but if you have any questions, please let us know.
- Ogden Ranch Road – Internal discussions with our resource groups as how best to approach that. That's as much of an update as I have on that particular instance. So that study's wrapping up and it should be completed in the next few weeks.

Central Yavapai Metropolitan Planning Organization (CYMPO): Mike Huff on behalf of Vincent Gallegos

- Boundary expansion study in in coordination with NACOG, looking at sort of where are the boundaries between CYMPO and NACOG may make sense to be adjusted for the benefit of residents and for the planning agencies as well.
- NACOG and CYMPO have been part of the conversations with the consultants and we will both be continuing to provide feedback on the final draft of that report. Vinny plans to come to the next VVTPO meeting where he will present the final results of that study and that will conclude Simple's update.

NACOG: Mike Huff, Jenn O'Connor, Tod Morris

Verde Valley Transportation Safety Plan

- NACOG, in partnership with Yavapai County Public Works, was successful in our grant application to the federal Safe Streets for All program and have been awarded funding for the Verde Valley Transportation Safety Plan.
- This plan will serve as an update to the Verde Valley Master Transportation Plan of 2016 and an enhancement to NACOG's Northern Arizona Regional Transportation Safety Plan. It will employ both a data-driven safety priority analysis as well as robust public and stakeholder involvement to identify projects, strategies, policies, and educational recommendations to help decrease the number of severe injuries and deaths on the Verde Valley transportation network.
- The NACOG planning team will be formally organizing a stakeholder committee for this project to meet regularly and discuss goals and outcomes, so as the NACOG team reaches out with more information and invites to this committee, please forward that out to all interested parties, including but not limited to law enforcement, fire, EMS, and local government staff.
- Project itself will begin in early 2024, so there will be more details at the next VVTPO meeting. NACOG plans to solicit a consultant for this project in January-February of 2024.

Northern AZ Regional Transportation Safety Plan

- Regional Transportation Safety Plan is approaching the end of our scheduled planning period; we expect to have the final regional plan completed by Jan 2024. More information can be found on NACOG's website: <https://nacog.org/regional-transportation-safety-plan/>
- Draft priority project lists have been created, meetings held between NACOG and member agencies to discuss background and context of project sites, determining ultimately which recommendations end up being displayed and prioritized in the final plan.
- Thank you to our Verde Valley member agencies, we had a great level of response and communication about these projects, and we appreciate the feedback given.
- If any member agency staff wishes to meet and review the recommendations provided by the Regional Transportation Safety Plan, please reach out to Mike Huff (mhuff@nacog.org).

Transportation Alternatives (TA) Program

- The Transportation Alternatives (TA) Set-Aside from the Surface Transportation Block Grant (STBG) Program provides federal funding for a variety of smaller-scale transportation projects and activities such as pedestrian and bicycle facilities; construction of turnouts, overlooks, and viewing areas; community improvements such as historic preservation and vegetation management; environmental mitigation related to stormwater and habitat connectivity; recreational trails; safe routes to school projects; and vulnerable road user safety assessments.

- Transportation Alternatives program's oversight committee has selected their recommended projects, which will seek approval from the State Transportation Board at their Nov 17th meeting. **For all who applied to the TA program this year, Nov 17th is the date that they will hear about awards.**
- The next round of TA Call for Projects will be in spring 2024, likely around April, so the NACOG planning team highly recommends Verde Valley agencies start thinking about projects to submit for this new round.
- For interested parties who wish to discuss projects in advance of this application period opening, please reach out to Mike Huff (mhuff@nacog.org).

Transit Update

- The FTA 5311 grant program to fund transit operation and administration is expected to be announced in December 2023. NACOG has been in close contact with all the existing 5311 agencies in the region on this expected NOFA release. As this is a two-year grant program, there will not be another opportunity to apply for these funds until 2025.
- ADOT announced the availability of Federal Transit Administration (FTA) grant funding for the 5305 Transit Planning program. This funding is only available to Arizona Metropolitan Planning Organizations (MPO) and Councils of Governments (COG). Local and regional public agencies, tribes, and operators of transit services may coordinate with the COG /MPO, but the COG / MPO must be the lead applicant for this funding application. This application will close Thursday December 14, 2023, at 3:00 pm. If any VVPTO Members are interested in exploring a transit planning project in your community, contact Tod Morris (tmorris@nacog.org).
- The 37th Arizona Annual Statewide Transit Conference will take place on April 8-10th in Mesa, Arizona. In an effort to make this conference more valuable to the state's rural providers, NACOG is seeking feedback on Session Topics and Roundtable Discussion Items that are priorities for rural service providers. Please provide any potential topics to Tod Morris no later than 11/15.

7. Next Meeting: *January 24, 2024*

Meeting adjourned



From the office of Council Member Jones

January 2024 Council Member Report

- 1/4 Board and Commission Interviews.
- 1/8 Sustaining Flows Council Education Planning Meeting.
- 1/8 Met with Susan Guthrie, Town Manager.
- 1/8 Attended Verde Valley Trail Fund Meeting.
- 1/9 Executive Session.
- 1/9 Town Council Meeting.
- 1/12 Met with small group of Verde Valley Aviation Impact Relief (VVAIR) group to discuss Cottonwood Airport airplane noise.
- 1/13 Met with larger group of Verde Valley Aviation Impact Relief (VVAIR) group to discuss Cottonwood Airport airplane noise.
- 1/18 Attended Verde Valley Climate Pollution Reduction Grant Convening.
- 1/19 Met with small group of Verde Valley Aviation Impact Relief (VVAIR) group to discuss Cottonwood Airport airplane noise.
- 1/22 Met with Susan Guthrie, Town Manager.
- 1/23 Town Council Meeting.
- 1/24 Sustaining Flows Council.
- 1/29 Attended Day 1 Arizona Cross-Watershed Network Summit.
- 1/30 Attended Day 2 of Arizona Cross-Watershed Network Summit.
- 1/30 Met with Town Manager Guthrie to select Clarkdale residents for Cottonwood Airport Noise Working Group.
- 1/31 Attended Field Notes Live: Climate Action in Cities and Towns hosted by The Nature Conservancy.
- 1/31 Council Annual Strategic Planning Retreat.



Staff Report

Item Number: 5.A.

<u>Agenda Item:</u>	Approval of Minutes Consider and act upon the draft minutes from the regular meeting held on Jan. 23, 2024.
<u>Staff Contact:</u>	Charity Brooks, Town Clerk
<u>Meeting Date:</u>	February 13, 2024
<u>Strategic Goal:</u>	Not applicable.
<u>Background:</u>	Review of the draft minutes from the regular meeting held on Jan. 23, 2024.
<u>Budget Impact:</u>	No budget impact.
<u>Recommendation:</u>	Staff recommends approval of the draft minutes from the regular meeting held on Jan. 23, 2024.



**SUMMARIZED MINUTES OF A REGULAR MEETING OF THE TOWN COUNCIL
OF THE TOWN OF CLARKDALE
TUESDAY, JANUARY 23, 2024, AT 3:00 PM**

(To listen to the full audio of the meeting, please visit www.clarkdale.az.gov – agendas & minutes)

Members Present: Mayor Prud'homme-Bauer, Vice Mayor Debbie Hunseder, and Council Members, Lisa O'Neill, Marney Babbitt-Pierce, and Laura Jones

Other Municipal Officials Present: Susan Guthrie, Town Manager; Charity Brooks, Town Clerk; Lou Andersen, Public Works Director; Joni Westcott, Parks and Recreation Director; Julie Goucher, Finance Director; Kristine Capite, Finance Manager (via Zoom); Ruth Mayday, Assistant Town Manager; Angela Benavides, Human Resources Director; Virginia Smith, Public Works Administration Manager; Terry Norman, Public Works Superintendent; Randy Taylor, Police Chief

Zoom: Nine members of the public were present.

Audience: Approximately 20 members of the public were present.

1. CALL TO ORDER - *Mayor Prud'homme-Bauer called the meeting to order at 3 p.m.*

2. ROLL CALL - *All members present.*

Mayor Prud'homme-Bauer read the Vision statement for the Town of Clarkdale.

3. PUBLIC COMMENT

Ann Klassen – Clarkdale resident. Circulating petitions in community regarding the proposed Highlands development.

Jacqueline – Clarkdale resident. Concerned about the proposed Highlands development coming to Clarkdale.

Howie User – Clarkdale resident. Opposed to proposed zoning changes regarding the proposed Highlands development. Submitted a public records request to the Town Clerk for more information.

Amanda Arnold (via Zoom) – Clarkdale resident. Suggested that newly appointed Board and Commission members be introduced at Council Meetings and announced in Small Talk.

Town Manager Susan Guthrie provided updates regarding public comments submitted at the Council meeting on Jan. 9, 2024.

4. REPORTS

Departmental Reports (submitted with Council packet) –
Summary of written reports from Town Departments and other agencies:

- Building Permit Report
- Magistrate Court Report
- Public Works Report
- Police Department Report
- Verde Valley Humane Society

A. Finance Report

List of specific budget to actual revenue and expenditures for all departments and a monthly finance report.

5. MEMORANDUM TO COUNCIL

A. Special Event Liquor License Recommendation - Clarkdale Car Show

6. CONSENT AGENDA

Items on the consent agenda are of a routine nature or have been previously studied by the Town Council at a work session or during a New Business discussion. They are intended to be acted upon in one motion. Council members may pull items from consent if they would like them considered separately.

Clerks Note: Item B pulled from consent by Mayor Prud'homme-Bauer to be considered separately.

A. Approval of Minutes of the Common Council

Consider and act upon the draft minutes from the regular meeting held on Jan. 9, 2024.

Action: Approve consent agenda items A as written:

Motion: Council Member Babbitt-Pierce

Second: Council Member O'Neill

Vote: Approved 5-0

Voting Member	Aye/Nay
Mayor Robyn Prud'homme-Bauer	Aye
Vice Mayor Debbie Hunseder	Aye
Council Member Lisa O'Neill	Aye
Council Member Marney Babbitt-Pierce	Aye
Council Member Laura Jones	Aye

B. Proclamation - Declaring January as Anti-Human Trafficking Month

Consider and act upon the Proclamation declaring January as Anti-Human Trafficking Month.

This item was pulled from consent by Mayor Prud'homme-Bauer and considered separately.

A YouTube video was played regarding human trafficking. The video was filmed in Clarkdale in 2016.

Vice Mayor Hunseder provided statistics on human trafficking.

Action: Approve consent agenda items A and B as written:

Motion: Vice Mayor Hunseder

Second: Council Member Jones

Vote: Approved 5-0

Voting Member	Aye/Nay
Mayor Robyn Prud'homme-Bauer	Aye
Vice Mayor Debbie Hunseder	Aye
Council Member Lisa O'Neill	Aye
Council Member Marney Babbitt-Pierce	Aye
Council Member Laura Jones	Aye

7. NEW BUSINESS

A. PUBLIC HEARING - Updating the Town Fee Schedule - Water and Wastewater Rates

Town Council held a public hearing to receive public input regarding an increase in water and wastewater rates.

Five members of the public asked questions regarding clarification on monthly rate increases, the projected timeline for the project and if grant funding could be considered.

Following the comments, Mayor Prud'homme-Bauer closed public comment.

B. Resolution #1708 - Updating the Town Fee Schedule - Water and Wastewater Rates

Discuss, consider and act upon Resolution #1708, updating the Town Fee Schedule by setting water and wastewater rates.

Action: Approve Resolution #1708, amending Resolution #1704 and updating utility related fees for the Public Works Department:

Motion: Council Member O'Neill

Second: Vice Mayor Hunseder

Vote: Roll Call Vote by Mayor Prud'homme-Bauer - Approved 5-0

Voting Member	Aye/Nay
---------------	---------

Mayor Robyn Prud'homme-Bauer	Aye
Vice Mayor Debbie Hunseder	Aye
Council Member Lisa O'Neill	Aye
Council Member Marney Babbitt-Pierce	Aye
Council Member Laura Jones	Aye

C. Personnel Policy Amendment

Discuss, consider and act upon changes being proposed to the Town's Paid Time Off (PTO) Policy, Holiday Pay Policy and Workplace Conduct Discipline Policy.

Action: Approve the amendments to the Town of Clarkdale's Personnel Policy as presented:

Motion: Vice Mayor Hunseder

Second: Council Member Babbitt-Pierce

Vote: Approved 5-0

Voting Member	Aye/Nay
Mayor Robyn Prud'homme-Bauer	Aye
Vice Mayor Debbie Hunseder	Aye
Council Member Lisa O'Neill	Aye
Council Member Marney Babbitt-Pierce	Aye
Council Member Laura Jones	Aye

D. Remodel of the Clarkdale Police Department

Discuss, consider and act upon the proposed remodeling of the Police Department building for the total amount of \$89,688.62.

Action: Approve the quotes from Gordian in the amount of \$89,688.62 for the remodel of the Police Department building:

Motion: Vice Mayor Hunseder

Second: Council Member Jones

Vote: Approved 5-0

Voting Member	Aye/Nay
Mayor Robyn Prud'homme-Bauer	Aye
Vice Mayor Debbie Hunseder	Aye

Council Member Lisa O'Neill	Aye
Council Member Marney Babbitt-Pierce	Aye
Council Member Laura Jones	Aye

E. Cooperative Agreement for Broadway Pavement Overlay and Necessary Roadway Improvements

Discuss, consider and act upon proposals received from Tiffany Construction in the amounts of \$191,034.12 and \$1,586,493 for the Broadway Overlay Phase I Improvements and the Broadway Overlay Phase II project.

Action: Approve the use of remaining HURF Contingency funds in the amount of \$123,837, approve use of remaining Streets Contingency funds in the amount of \$24,098, approve reallocation and use of \$615,778 from Fund 24 CIP to Fund 03, instead of Fund 11, approve the Tiffany Construction proposals in the amounts of \$191,034.12 and \$1,586,493 and authorize the Town Manager to sign all documents necessary for the Broadway Pavement Overlay and Improvements.

Motion: Councilmember Babbitt-Pierce

Second: Vice Mayor Hunseder

Vote: Approved 5-0

Voting Member	Aye/Nay
Mayor Robyn Prud'homme-Bauer	Aye
Vice Mayor Debbie Hunseder	Aye
Council Member Lisa O'Neill	Aye
Council Member Marney Babbitt-Pierce	Aye
Council Member Laura Jones	Aye

- 8. POSSIBLE VOTE TO ENTER EXECUTIVE SESSION - The Council voted to discuss the following matters in executive session pursuant to A.R.S. § 38-431.03 (A)(3) discussion or consultation for legal advice with the attorney or attorneys of the public body and/or A.R.S § 38-431.03 (A)(4) discussion or consultation with the attorneys of the public body in order to consider its position and instruct its attorneys regarding the public body's position regarding contracts that are subject to negotiations, in pending or contemplated litigation or in settlement discussions conducted in order to avoid or resolve litigation.**

A. Development Agreement

Action: Motion to enter executive session:

Motion: Councilmember Babbitt-Pierce

Second: Vice Mayor Hunseder

Vote: Approved 5-0

Voting Member	Aye/Nay
Mayor Robyn Prud'homme-Bauer	Aye
Vice Mayor Debbie Hunseder	Aye
Council Member Lisa O'Neill	Aye
Council Member Marney Babbitt-Pierce	Aye
Council Member Laura Jones	Aye

9. RESUMPTION OF REGULAR MEETING - Immediately following the executive session, the Council resumed public session at 6:30 p.m.

A. Development Agreement

No action taken on this item by Council.

10. FUTURE AGENDA ITEMS

Town Council did not propose items to be placed on a future agenda.

11. ADJOURNMENT

Action: Motion to adjourn:

Motion: Vice Mayor Hunseder

Second: Council Member Babbitt-Pierce

Vote: Approved 5-0

Voting Member	Aye/Nay
Mayor Robyn Prud'homme-Bauer	Aye
Vice Mayor Debbie Hunseder	Aye
Council Member Lisa O'Neill	Aye
Council Member Marney Babbitt-Pierce	Aye
Council Member Laura Jones	Aye

Mayor Prud'homme-Bauer adjourned the meeting without objection at 6:32 p.m.

APPROVED:

ATTESTED/SUBMITTED:

Robyn Prud'homme-Bauer, Mayor

Charity Brooks, Town Clerk

CERTIFICATION AND ATTESTATION

I hereby certify that the foregoing minutes are a true and correct copy of the minutes of the regular meeting of the Town Council of the Town of Clarkdale, Arizona held on the 23rd day of January 2024. I further certify that the meeting was duly called and held and that a quorum was present.

Date approved by Town Council: Feb. 13, 2024

Charity Brooks, Town Clerk



Staff Report

Item Number: 5.B.

Agenda Item:

Call of Election

Consider and act upon a request to call a Primary Election on July 30, 2024, and if necessary, a General Election on Nov. 5, 2024, for one Mayor seat and two Council Member seats, for four-year terms, commencing in November 2024.

Staff Contact:

Charity Brooks, Town Clerk

Meeting Date:

February 13, 2024

Strategic Goal:

Not applicable.

Background:

The terms for one Mayor seat and two Council Member seats will expire in November 2024. Therefore, a nonpartisan candidate Primary Election, and a possible run-off General Election, will be conducted to fill the upcoming vacancies. All seats are for four-year terms.

Budget Impact:

Estimated election costs from line item 01-5-2101-9006 are approximately \$8,000 for the Primary Election on July 30, 2024, based on past rates and current census numbers. Anticipated election costs for a run-off election on Nov. 5, 2024, if necessary are \$14,000.

Recommendation:

Staff recommends that Council approve the Call of Election for a Primary Election on July 30, 2024, and if necessary, a General Election on Nov. 5, 2024, for one Mayor seat and two Council Member seats, for four-year terms, commencing in November 2024.

**CALL OF ELECTION
PUBLIC NOTICE OF TOWN OF CLARKDALE**

Notice is hereby given that the Town of Clarkdale will hold elections as follows:

Primary Election: July 30, 2024

General Election: November 5, 2024

Offices to be filled: One Mayor, four-year term
Two Councilmembers, four-year terms

Candidate Packet Distribution: November 1, 2023

Information and candidates' packets
available by appointment at: Town of Clarkdale Administration Building
39 N Ninth Street
Clarkdale, AZ 86324

Candidate Packet Filing Deadline: Candidate Packets cannot be filed with the Clarkdale Town Clerk's
Office before 8 a.m. on March 4, 2024, or after 5 p.m. on April 1,
2024.

Voter Registration Deadline: Primary Election: July 1, 2024
General Election: October 7, 2024

Any candidate receiving a majority of votes cast at the Primary Election will be declared elected without
running at the General Election. The Yavapai County Election Department will be conducting the election for
the Town of Clarkdale.

Charity Brooks

Charity Brooks, Town Clerk

February 13, 2024

Date

For Additional Information, Contact: Charity Brooks, Town Clerk
Town of Clarkdale, Post Office Box 308, Clarkdale, AZ 86324
Telephone: (928) 639-2453
E-Mail: charity.brooks@clarkdale.az.gov



Staff Report

Item Number: 5.C.

<u>Agenda Item:</u>	Amendment to Deed of Gift Agreement with Clarkdale Historical Society and Museum Consider and act upon an amendment to the Deed of Gift Agreement with the Clarkdale Historical Society and Museum.
<u>Staff Contact:</u>	Susan Guthrie, Town Manager
<u>Meeting Date:</u>	February 13, 2024
<u>Strategic Goal:</u>	This agenda item supports the following Clarkdale Strategic Goal Area: • Goal Area 1 - Preserve and celebrate Clarkdale's unique, complex history. • Goal Area 2 - Enhance the quality of life for residents, businesses, and visitors to Clarkdale.
<u>Background:</u>	The Town of Clarkdale ('Town') has donated historic property items ('Collection') as an unrestricted gift to the Clarkdale Historical Society and Museum ('CHSM') as detailed in an original agreement signed by the Town in January 2017 and an amendment to that deed of gift agreement signed by the Town on Jan. 12, 2022 (copy attached as Addendum I). This agreement amends the Jan. 12, 2022, deed of gift agreement between the Town and CHSM by deleting the following paragraph: The Town grants to CHSM the right to determine the disposition of all items in the Collection that CHSM will retain in its custody but not preserve in its collection, which includes but is not limited to offering items to other local historical societies, selling items, or otherwise disposing of items as CHSM sees fit. And adding the following three paragraphs: The Collection consists of documents, maps, books, files, financial ledgers, photographs, negatives, furniture, and other tangible artifacts from the Town of Clarkdale and Clarkdale Heritage Conservancy, donated to and in the custody of, the Clarkdale Historical Society and Museum as detailed on the TOC Collection Inventory listing dated January 2024 (copy attached as Final Master TOC Inventory List Jan. 2024)

CHSM unconditionally and irrevocably gives the Town of Clarkdale the first right of refusal for any items in the Collection prior to loan, or deaccession, and subsequent disposition of said items. This includes but is not limited to loaning items for display in local businesses, loaning or gifting items to other institutions, museums, or historical societies, disposing of, or selling items.

In the event of the dissolution of CHSM, or any portion thereof affecting its existing operations, CHSM grants the Town first right of refusal to receive in return all Collection items in possession of CHSM.

Budget Impact: No budget impact.

Recommendation: Staff recommends that Council approve the amendment to the Jan 12, 2022 Deed of Gift Agreement and authorize the Town Manager to execute all necessary documents.



CLARKDALE HISTORICAL SOCIETY AND MUSEUM

900 1st North Street, Clarkdale, AZ 86324 ~ 928-649-1198 ~
info@clarkdalemuseum.org ~ www.clarkdalemuseum.org

Amendment to Jan. 12, 2022 Deed of Gift Agreement

Donor: Town of Clarkdale

Address: 39 N. Ninth Street, Clarkdale, Arizona 86324 Phone: (928) 649-2400

The Town of Clarkdale ("Town") has donated historic property items ("Collection") as an unrestricted gift to the Clarkdale Historical Society and Museum ("CHSM") as detailed in the deed of gift agreement signed by the Town January 12, 2022 (copy attached as Addendum I).

This agreement amends the January 12, 2022 deed of gift agreement between the Town and CHSM by deleting the following paragraph:

The Town grants to CHSM the right to determine the disposition of all items in the Collection that CHSM will retain in its custody but not preserve in its collection, which includes but is not limited to offering items to other local historical societies, selling items, or otherwise disposing of items as CHSM sees fit.

And adding the following three paragraphs:

The Collection consists of documents, maps, books, files, financial ledgers, photographs, negatives, furniture, and other tangible artifacts from the Town of Clarkdale and Clarkdale Heritage Conservancy, donated to and in the custody of, the Clarkdale Historical Society and Museum as detailed on the TOC Collection Inventory listing dated January 2024 (copy attached as Final Master TOC Inventory List (Jan 2024))

CHSM unconditionally and irrevocably gives the Town of Clarkdale the first right of refusal for any items in the Collection prior to loan, or deaccession, and subsequent disposition of said items. This includes but is not limited to loaning items for display in local businesses, loaning or gifting items to other institutions, museums, or historical societies, disposing of, or selling items.

In the event of the dissolution of CHSM, or any portion thereof affecting its existing operations, CHSM grants the Town first right of refusal to receive in return all Collection items in possession of CHSM.

In full accord with the provisions of this CHSM Deed of Gift, this agreement is executed in duplicate, each to be considered an original, as of the date noted herein.

Town of Clarkdale Representative

Date

CHSM Representative Signature

Date

ADDENDUM I



CLARKDALE HISTORICAL SOCIETY AND MUSEUM

900 1st North Street, Clarkdale, AZ 86324 ~ 928-649-1198 ~
clarkdaleheritage@gmail.com ~ www.clarkdaleheritage.org

Deed of Gift Agreement

Donor: Town of Clarkdale

Address: 39 N. Ninth Street, Clarkdale, Arizona 86324

Phone: (928) 649-2400

The Town of Clarkdale ('Town') owns and desires to donate certain historic property items ('Collection') as an unrestricted gift to the Clarkdale Historical Society and Museum ('CHSM').

This agreement voids and replaces the previous Deed of Gift Agreement dated January 25, 2017, between the Town and CHSM (copy attached as Addendum II).

CHSM completed an inventory of the Collection in 2017 and it is included herein as Addendum I. As of December 2021, CHSM completed a detailed and descriptive inventory of the Collection. Due to the size of the Collection, the complete detailed inventory consists of over 100 pages of text. A digital copy of the inventory is available from CHSM on request.

The Town unconditionally and irrevocably gives and transfers all legal title and copyright of the Collection to CHSM to make available to museum patrons and researchers, as CHSM deems most beneficial, and to use, display, reproduce, digitize and make accessible online as CHSM may deem appropriate.

Following its complete inventory of the Collection, CHSM provided the Town with a list of items from the Collection that CHSM does not intend to preserve in its collection and provided a face-to-face consultation between Town and CHSM representatives.

The Town grants to CHSM the right to determine the disposition of all items in the Collection that CHSM will retain in its custody but not preserve in its collection, which includes but is not limited to: offering items to other local historical societies, selling items or otherwise disposing of items as CHSM sees fit.

In full accord with the provisions of this CHSM Deed of Gift, this agreement is executed in duplicate, each to be considered an original, as of the date noted herein.

DocuSigned by:

Robyn Prud'homme-Bauer

1/12/2022

8929FEE8DC34438...

Town of Clarkdale Representative

Date

Michael A. Lindner

1-3-2022

CHSM Represefutive Signature

Date

Master Inventory List - Clarkdale Historical Society and Museum - January 2024

T C #	Item	Notes	Inventory Status 11/20/23
338	<i>Pamphlet -This brochure produced by the Clarkdale Town Hall and the Clarkdale Heritage Conservancy Board. titled "Tour Historic Clarkdale - A Company Town (founded 1912)" walking tour. Map Inside. Includes historic background information on the town of Clarkdale beginning 1911. Multiple photographs (provided by the Town of Clarkdale). There are 11 historic buildings highlighted (between 1911 - 1930.) Biography of William Andrews Clark's story from 1839 - 1953. Condition-good</i>	2017-35-1	Library Box 16
340	<i>2-Trifold brochures describing Jerome, Camp Verde, Cottonwood, Clarkdale, Rimrock, Cornville, and Red Rock. Cream-colored paper with green and black print. Measures 8-3/4 inches by 4 inches. No date. by: The Verde Valley Independent for the Chamber of Commerce for the Verde Valley. There is 4 paragraph description about Clarkdale. Condition-good</i>	2017-36-1	Library Box 16
342	<i>Title: Out of Verde Valley Kitchens, Cottonwood, Arizona. Black and white plastic covered cook book with black spiral binding contains 36 pages of recipes contributed by the women of the community. Compiled by The Organization. Some recipes and some advertisements for various Clarkdale and Cottonwood businesses, such as Thunderbird Arts and Crafts, Clarkdale Laundry and Cleaners, Lillian's Sweet Shop. Probably 1930-1950's</i>	2017-38-1	Library Box 16
343	<i>Book with brown cover. Measures 8-1/2 by 11 inches. Title: Tuzigoot: The Excavation and Repair of a Ruin on the Verde River near Clarkdale, Arizona. Authors Caywood and Spicer. Dated July 1935 119 pages. Former Clark Memorial Library book. Inside the cover is an ACKNOWLEDGMENT: The cover and binding of this report were made possible through help provided by S.E.R.A and E.C.W. at the headquarters of the Field Division of Education, National Park Service, Berkeley, California 1935. Condition - stable</i>	2017-39-1	Library Box 16
344	<i>10 B&W photos of Tim P. Connolly Family. A description page of each photo, with some history information about each. Probably Xeroxed from originals on copy paper (individual descriptions below) Condition - good</i> <i>A--Tim P. Connolly and daughters Margaret, left, and Teresa, right, in front of home in Clarkdale smelter yard. Mr. Connolly was born in Jerome in 1907 and lived there until the early 1940's. The family had moved to Phoenix prior to coming to Clarkdale for two years. Mr. Connolly was a manager for Halliburton Enterprises when they purchased the town. Mr. Connolly was the smelter's superintendent.</i> <i>B--Mary Connolly who spent her junior and senior years of high school in Clarkdale attending Mingus Union while it was still located in Clarkdale.</i> <i>C--All four Connolly girls on the side of the porch. From bottom to top: Margaret, Teresa, Mary and Catherine. (Note: the two smokestacks in the background.)</i> <i>D--Margaret and Mary on the steps of the house. "What a great veranda!"</i> <i>E--Catherine at fishpond on side of smelter house. Pond was never stocked during the Connolly family but there was a little bridge that crossed the pond.</i> <i>F--Teresa was a junior majorette for the high school team and she marched with the band. She is pictured in costume on the bottom step of the house.</i> <i>G--Teresa at the same fishpond mentioned above.</i> <i>H--Margaret with family cat on steps of house. During the two years in Clarkdale, she was a freshman and sophomore at Mingus Union.</i> <i>I--Teresa and Catherine pictured on ledge of stairs in front of house w/2 alley cats they adopted. Both attended grammar school in Clarkdale.</i> <i>J--Teresa at front of smelter house</i> <i>K--Description of pictures taken 1954-1956</i>	2017-40-1	Photo Box 16
345	<i>8.5x11" Gold cover book titled Arizona Place Names with red embossed state symbol--519 total pages. Author Will C. Barnes, published by University of Arizona Press 1960--origins of AZ place names. In Yavapai County chapter are paragraphs about Clarkdale, TAPCO, Sycamore Canyon. Condition - good</i>	2017-41-1	Library Box 17

347	Book, dimensions = 5.25 x 8.25 inches, paperback, Title: Guide to Prehistoric Ruins of the Southwest, copyright 1981, 1989, author Norman T. Oppelt, second edition. Includes map of Verde River area (page 82), four paragraphs about Tuzigoot with three photos (pages 85-87), includes information about the prehistoric Sinaguas (of the Verde Valley) and irrigation methods including from Montezuma Well/Castle (pages 87-89). Two paragraphs about Hidden House, seven miles north of Clarkdale in a shallow cave on the east face of Sycamore Canyon. Additionally, Honanki Ruin (Bear House) and Palatki Ruin (Red House) in Prescott National Forest, in upper Verde River drainage in Loy Canyon (part of CHSM geographical interest?), page 90. Condition - good, however, the above pages are separated from the binder-repairable	2019-1-1	Library Box 18
348	Three ring binder, 10.75 x 11.5 inches, plastic material, dark blue in color. Includes Xerox-copies, double sided pages 8.5 x 11 inches, each individually in plastic sleeves, 1 inch thick. Title: The Alchemist HIGH-LIFE The Growth of Clarkdale High, Tabs labeled 1920 - 1953, includes indexes of names of alumni and their photos, along with staff photos and names. Condition - good	not yet accessioned; should be scanned	TOC Room
349	Three ring binder, 10.75 x 11.5 inches, plastic material, black in color. Includes Xerox-copies, single sided, includes two pages, of the book, per sheet, 8.5 x 11 inches, 3/4 inches thick. Title: The Clarks, An American Phenomenon, by William D. Mangam, copyright 1939, 1941. With an Introduction By Edward Alsworth Ross, Professor of Sociology University of Wisconsin. New York-Silver Bow Press 1941. 257 pages In the front pocket of the three ring binder is a printed list, dated 12/7/1996, listing of Clark Family books. Condition -good	2019-3-1 (placed in Reference Library)	Reference Library
351	Three ring binder, 10.75 x 11.5 inches, plastic material, white in color. Includes Xerox-copies, double sided pages 8.5 x 11 x .75 inches, each individually in plastic sleeves, yellow-sticky "Tambien J. Valdez". Title: Town of Clarkdale, Heritage Conservancy Board, The Tambien Project by Jesus S. Valdez, typed and hand-written copies, dated between May 5, 2002 through December 12, 2006, and five page article titled: The 1932 Lost Airplane Crash Site of William Andrews Clark III, March 2008, Verde Historical Society, Clemenceau Heritage Museum, Volume 23, Special Edition. Note: The writings may have original signature of Jesus S. Valdez. The handwritten (pencil) memory dated December 12, 2006 is possibly an original copy. Condition - Good	2019-2-1 to	Archive Box 18 except 2019-2-3 is in Photo Box 19 (plane crash)
353	Two pewter candlesticks stamped Made in France and RB. 10 inches in height, base is 5 inches in diameter. No other information. Condition - good	2019-4-1	Object Box 19
354	Cast iron notary seal for "W.C.Miller, Yavapai County, Arizona" - bronze highlights on curved lion's head clamp holding seal - 11" high with handle up - holes at each end of base for attaching to des - elaborate scrolled handle on stamp. Note: found some info on W.C. Miller as secretary, Arizona Copper Company, Jerome. Condition - good	Kept - not accessioned	Used by Bill on Clubhouse China certificates
355	1-Quart milk bottle from the Clarkdale dairy - 9.5 inches height clear bottle w/ orange writing - reads; Clarkdale Dairy Pasteurized Milk, Raw Milk and Cream Quality Guaranteed. - photo of woman by writing and on back colonial man and woman with a poem underneath. Stamped on glass on side, at bottom of the bottle: Registered Sealed 1-11-14 One Quart Liquid. Stamped on glass on bottom of bottle: 1-7-11-14 (then below that) S-49	2019-5-1	On exhibit; home location is Object Box 19
356	55--2 x 2' round Clarkdale Dairy Grade A Milk bottle caps - green rim, cream background, green and red writing reads Vitamin D Clarkdale Dairy Pasteurized Homogenized Grade A Milk Clarkdale AZ, magnets on the back of each bottle cap. Condition - good	Kept - not accessioned; to sell or give away	TOC Room
358	12 x 14.5 x 2.5' dark blue cover with red trim and writing "scrapbook" in red, in lower right corner. In center is the GFWC seal. Covers 1973 through 1983, Vol 2. Approximately 60 pages covering the events and functions hosted by the Clarkdale Women's Club. Condition - good	2019-6-1	Archive Box 19

359	<i>Black velveteen scrapbook 10 x 14 x 1.5", gold fringe with Clarkdale Womens Club in gold sequins on front - 1964-65 - President Mrs. A. J. Gable; Vice-Pres Mrs. R. Jeurgens, Secy Mrs. C. P. Minard, Treas Mrs. J. T. Grogan - 30 pages - newspaper clippings and mementoes. Condition - good</i>	2019-7-1	Archive Box 19
360	<i>Dark brown vinyl scrapbook with gold embossing Clarkdale Women's Club 1938-1939. 19 pages of Women's Club and 8 pages of Garden Club, 11 pages of State and Discript. Measures 12 x 14 x .75" - contains names: President Mrs. E. E. King; Vice-Pres Mrs. R. C. Lunceford; Secy Mrs. Geo H. McMilliam; Treas Mrs. J. R. Cox; Director Mrs. J. C. Holford; Members at Large Mrs. A. L. Reese, Mrs. Ersel Garrison, Mrs. G. B. Jones; Depts Mrs. J. E. Lanning, Mrs. Dave Hopkins, Mrs. F. M. Irish - all pages consist of newspaper articles about club from Verde Shopping News, Courier, AZ Republic Condition - good</i>	2019-8-1	Archive Box 19
361	<i>12 x 12.5 x .75" dark red and paisley covered scrapbook from the Clarkdale Women's Club. Approximately 30 pages covering a community improvement project of clothing underprivileged children in Clarkdale and Cottonwood elementary schools and training young girls to make their own clothing from hand-me-downs. Louise Cabbage, President and Mrs. F.E. Stonehocker, Project Chairman. Began August 1968 through 1969. Condition - good</i>	2019-9-1	Archive Box 19
362	<i>12 x 12.5 x 2" white felt covered binder scrapbook from the Clarkdale Women's Club 1967-68 Northern Disctrict. 31 pages covering the events and functions of the club during these years. Condition - good</i>	2019-10-1	Archive Box 19
363	<i>Rusted pulley 4.25" long. Condition - rusty</i>	Accept-not	MISSING
364	<i>CD in case titled Museum / Renovation Archive Photos, 2007 Condition - unknown---Did not view CD to see what is quality--FYI</i>	2023-30-1; photos in 2023-30-4	CD in CD Box 2 Photos in ??
365	<i>2-Metal Tokens for Clarkdale post office box/cigar store worth 12-1/2 cents. Diamond shape(6 prong) cutout in center. Enclosed in small 2 x 2" white cardboard cases with see-through window. Condition - good</i>	Accept-not yet accessione d; may need research	TOC Room
366	<i>5---2 x 2" copper magnets bearing the town of Clarkdale seal with black writing Clarkdale Arizona. Made by House of Copper in Globe AZ 1-800-448-4248</i>	Accept-not	TOC Room
367	<i>DVD Jesus Valdez, In Search of the Enchanted Plane Wreck explaining the search and discovery of the plane accident that took the life of Charles Clark III and his instructor in 1932 in front of his wife at his mansion in Clarkdale, AZ Condition - unknown-need to view</i>	Added to 2008-032-01 as second copy	CD Storage Box 1 (both copies)
368	<i>12 x 14.5 x 1.25" dark blue scrapbook from the Clarkdale Woman's Club 1991-1993. The pages contain mostly photos, 2--GFWC Clarkdale Woman's Club Volunteer Yearbooks, 1990-1992, that have a directory of names, addresses, club constitution, bylaws, budget, etc. Condition - good</i>	2019-11-1	Archive Box 20
369	<i>12 x 14.5 x 2.25 (thickest)"maroon scrapbook from the Clarkdale Woman's Club 1982-1991. Approximately 60 pages covering the events and functions of the club during those years. The pages contain photos, letters, cards, awards, 3--GFWC Clarkdale Woman's Club Volunteer Yearbooks, 1984-1987, that have a directory of names, addresses, club constitution, bylaws, budget, etc. Condition - good</i>	2019-12-1	Archive Box 20

- 370 11 x 11.5 x 2" white 3 ring binder scrapbook from the GFWC Clarkdale Woman's Club 1993-1998. Inside cover holds 24 photos of Arizona State Convention of the GFWC (a-x) and 2 award (y-z). 25 pages of photos of members and activities-State Pres. Visit, Fashion Shows, State Convention, District Convention, District Conference, Newspaper Articles, 3--GFWC Clarkdale Woman's Club Volunteer Yearbooks, 1990-1994, that have a directory of names, addresses, club constitution, bylaws, budget, etc. Condition - good 2019-13-1 **Archive Box 24**
- 371 9 x 12' blue folder with gold eagle sticker on front - dated 1941-1942 Compiled by Mrs. J.W. Byrkit-Binding by Mrs. M.G. Fowler of Woman's Club--- Songs, 12 pages. Condition - good 2019-25-1 **Archive Box 24**
- 372 4--8.5 x 11" booklets from the Arizona Clubwoman - GFWC-AZ 1994-1996 GFWC-AZ Executive Committee - Northern - Carma Leet Daugherty, 421 Lampliter Village, Clarkdale, AZ 86324-3256, (602) 634-6760. Articles by Carma Leet Daugherty found in Volume 1 Number 5 -6, but not in Number 1 or 4 (that I could find). 1- white - Volume 1 Number 1; 1- tan - Volume 1 Number 4; 1- blue - Volume 1 Number 5-mailing label addressed to Gen Ginger, PO Box 1085, Cottonwood, AZ 86326-1085; 1- yellow - Volume 1 Number 6-mailing label addressed to Gen Ginger, PO Box 1085, Cottonwood, AZ 86326-1085 2019-26-1 **Library Box 18**
- 373 12 x 11 x 1.5" 3 ring white binder with note on front "Dance Hall Photos - and some originals". The photo album has 3 tabbed dividers labeled "Clark Family / Clarkdale", "Country Club / Peck's Lake" and "People / Aerial Views". Photos are dated 1912 - 1950's. Most photos are reprints of originals on photo paper, maybe 2 original photos, most views we have, some might be new. Condition - good Accept-not yet accessioned many photos not yet scanned TOC Room
- 375 7.5 x 10" oak appreciation plaque, shaped is Arizona State. 4.5 x 7" black faced metal plate, gold trim, gold letters : POP AWARD (PRESERVING OUR PAST) PRESENTED TO THE CLARKDALE HERITAGE CONSERVANCY BOARD BY THE ARIZONA STATE ARCHIVES FOR ITS CREATIVE AND ENTHUSIASTIC CELEBRATION OF ITS HISTORY AND PEOPLES ARIZONA ARCHIVES WEEK 2001 2019-27-1 **Object Box 20**
- 378 2 - 8 x 10.5" dark brown leather, The Alchemist Clarkdale High School, 1930, 1932. Enclosed is a letter from Yuma High School Library, dated April 17, 2008 to Charlene at Clark Memorial Library. They mentioned how they acquired the two Alchemist: "The donor's name is Mr. Frank Cooper (graduated Yuma High School 1931). He married Martha McAllister from Clarkdale. They were married in Yuma. Martha's sister is Dorothy McAllister. Martha and Dorothy's mother ran the telephone office/exchange in Clarkdale. Mr. Cooper 928-783-8457." signed by Linda Collins. Condition - 1930 - good condition; 1932 - separating from the inside binder 2019-53-1 **Yearbook Box**
- 379 9.75 x 5.5" photo of The Employees of the blacksmith and drill sharpener department of the United Verde Copper Company in 1922. It's a Xerox copy from The Journal Special History Edition - Camp Verde, Arizona- March 1998-9. There are 30 men in the photo. Names are listed on copy. Condition - good 2019-54-1 **Library Box 18**
- 380 8" x 10" b&w photo with a note on back: U.V.C.C. Concentrator - Roaster Plants. In the bottom right corner is a signature: Staley. No date. Condition - good 2019-55-1 **Photo Box 16**

		Accept- not yet accessioned many photos not yet scanned	TOC Room
	10" x 11.5" 3 ring binder white, approximately 40+ photos. 3.5 x 5" except 1 - 8.5 x 11". These are reduced size copies on photo stock of original photos in Staley Photo Album. Sepia toned. More recent color photos, on photo stock, of Clubhouse furnishings. The yellow sticky note inside says: Staley Collection. no dates. On the back side of two photos, one of lamp and one of a fireplace screen say the originals are on display in main exhibit room CHSM 1/27/15 LS. Condition - good		
382	11" Basketball trophy. The base is plastic, round, black approximately 3" in height. The basket ball is metal, gold in color with a basketball player (as if) jumping to place a basketball into a hoop. The player has broken off the top of the basketball. A small label inside the base = CO-96-258. No other information. Condition - broken	Accept-not	TOC Room; suggest disposal
383	Telephone Directory - Jerome - Clarkdale, Issue 1939 - condition=water stained, poor. Felicia scanned directory - copy put in office desk.	2019-56-1	Library Box 18
384	Trophy Cup, 7" tall, 3.75 diameter supported on a pedestal with 2.75" round base. There is a handle attached on each side 5" in length Wording engraved on front: N.A.A.A TROPHY WINNERS OF 7th ANNUAL MEET CLARKDALE 1926 On the underside of the round base is stamped: Meg Company 4136-(Rae check with magnifying glass). The material appears to be silver plated (?). Condition: Tarnished, just needs to be polished	2019-57-1	Object Box 19
385	14" Trophy. The round base is 4.5" in diameter, light beige in color, plastic material with a 5 point brass star 1.25" wide-on the front middle of the base. On top of the base is a copper colored metal base, approximately 3" in diameter, .50" in height. On top of this is a 4.75" high-approx 2" diameter, shiny black metal type of material with engraved words: 1955 NORTHERN ARIZONA CLASS B JUNIOR HIGH SCHOOL TOURNAMENT CHAMPIONS Above that is another copper colored metal base, approximately 2" in diameter, 3/8" in height. Above that is a 1 3/8", .50" base with 5" in height male figurine reaching right arm above head holding a basket ball, both are brass colored metal material. Inside the plastic base of the trophy is stamped: "A.J. Schaake Co, St. Paul 2, MINN". There is a nut holding the pieces together with a metal ring washer stamped" Marston Supply Co, Phoenix, Arizona, Medals-Trophies-Sports Equipment." Condition: Good Check 1955 Hill Topper yearbook- pg 53 has a picture of team in Williams and shows trophy.	2019-58-1	Object Box 19
386	Brass Light Fixture 7" diameter, dome shaped, 2.75" in height, tapering off to a 2.5" round hole with a light bulb socket inside. Possibly from Clubhouse(?) Condition: Good	Accept- not yet accessioned; unable to locate 9/25/23	MISSING
387	Spittoon No other description. Possible ideas from Jerry, uncertain if from the Clubhouse, but might be from another business on Main Street. A Note on box says : Located in main display room CHSM 1/28/2015 Smith	2023-16-1	On exhibit; no home location set
388	Frosted Glass Shade No other description. A Note on box says : Located in main display room CHSM	Unable to locate	MISSING

- 389 8.75" tall figurine of a red headed woman, wearing a 3 stranded pearl chocker necklace, green colored strapless dress calve length, elbow high white gloves, holding 2 purple flowers in her right hand, left arm bent at the elbow, wearing green pumps, setting on a beige base 2.75" in diameter. Inside the base is stamped: 19 020 22. Dark blue lettering: Series III of 4 1986, Goebel W. Germany, GFWC Unity in Diversity 1890-1990. The material is glass. Circa 1940's. Probably donated to Women's club based on the historic info.
ABOUT THIS GFWC CENTENNIAL SERIES: The W. Goebel Porzellanfabrik Factory of Germany produced four porcelain figurines, known as the GFWC Centennial Figurines, in celebration of GFWC's 100th anniversary in 1990. 'Starting with the 1982-1984 administration, one figure was released during each of the two administrations leading up the GFWC Centennial in 1990. All figurines were available for only two years, after which the molds from each were destroyed. Condition: Good
- 2019-59-1 **Object Box 19**
- 390 Dark blue fitted and pleated shirt with pleated long sleeves. On the back in bright yellow embroidering is "Clarkdale Motors". The lettering is in script font, approximately 2.75" in height. Three black buttons. An open pocket on front right side, 3" x 3.5". Inside label: Weber Bros. Uniforms, Los Angeles, PR 8632, Size 32. Condition: The collar, across the back shoulders and along both sleeves appears to be faded.
- 2019-60-1 **Flat Object Box 2**
- 392 Glossy colored Santa Photos - people of all ages, sitting on Santa's lap, printed at Walmart, circa post 1980's. There are no names with the photos. Materials: photo paper. (note: this is a continuing event hosted in Clarkdale). 4"x6" - count=approx 100 - (deleted the duplicates) 12"x4": (panoramic sized) - count=3 Includes negatives. Condition: Good 9.5"x4" envelope, Town of Clarkdale (return address label) with writing: "Christmas \$ Photos" 3-Fujifilm film cartridges, 25 Exp A200 (unknown if used or new) 1-Fujifilm film cartridge, 40 Exp 400 (unknown if used or new) If we can decide if used or unused, then discard or have prints made.
- Accept- TOC Room
not yet
accessione
d; many
photos
and
negates
not yet
scanned
- 393 8.5"x 11" white paper, black typed, 4 pages. Titled: Clarkdale United Methodist Church 1911-1985 by Eloise Fain Turner (3 pages) Additional 1 page story beginning in 1953 by R.C. Brownlie. Condition: It has tri-fold creases, and orange highlighted parenthesis around a few paragraphs, otherwise good. See Accession 2012-29-1 ---Archives Box 14, Basement Storage Vault - has Eloise Fain Turner's story, but NOT R.C. BROWNIE--this archived document is also in different format of typing--recommend accepting the new copy as well.
- 2019-61-1 **Archive Box 21**
- 394 8.5"x11" - Xeroxed copy of Certificate of Election, James Roberts, Constable of Jerome, held on 16th day of November 1894, with note on back saying "Copied from the original of the Jerome Society Archives, Jerome AZ"-the material is on heavy stock paper. 8.5"x11" - Xeroxed copy of photograph of James Roberts, with same note on back (as above), the material is on heavy stock paper. Verde Valley News-Heritage Valley Life section, July 27, 2008, Article Titled: Sheriff James Roberts was the real McCoy by Steve Ayers, Staff Reporter. Multiple photos, one with headstone "ROBERTS" - that he is "buried in the Clarkdale Memorial Cemetery along with his wife Permelia. Materials: Newspaper, entire section 1B-8B. Condition-Good
- 2019-62-1 + **2019-62-1 & 62-2
in Archive Box
21; 2019-
62-3 in Map File
Drawer 10**

395	<i>Clubhouse Restoration Work. Includes newspaper clippings, restoration quotes from various companies, information on restoration, preservation, etc. This stack of information is 3" in height.</i> <i>photos (n=14; 3.5"x5") of Clark Memorial Clubhouse restoration and quilt making (for fundraising) to Mayor/Council (9 Nov 1989) re revenues and expenditures, signed by Dorothy Benatz</i> <i>Notice: Invitation to Clubhouse to see restoration/renovation progress (29 Jan 1989)</i> <i>Newspaper articles re Clubhouse restoration: 1) "Dressing up Clarkdale's Grand Old Lady" 2) "Quilting Session" 3) "Betty Bell of Clarkdale holds her completely handmade..." 4) "Clubhouse Facelift"</i> <i>e) "Clark Memorial Clubhouse Restoration" – 3 page typed summary document</i> <i>f) "Railroad line faces hurdles. Company plans train for tourists"</i> <i>g) "Photo hobby focuses in on Valley History" (13 Feb 1981). Story about John Bell collecting historical photos.</i> <i>h) DISCOVER newspaper includes story about John Bell (p 4), John McMillan (p 6), Mayor Dorothy Benatz (p 15), Ned Russell (p 17)</i> <i>i) "Benatz intertwined in town's past, present growth" (The Independent Press, 30 Sep 1987)</i> <i>j) "Tom Bell elected as board president"</i> <i>k) "Clarkdale considers historic district zoning ordinance for Main Street area"</i> <i>l) "...fondest memories of living in the Verde Valley" by Herb Young, John Bell and others (Verde Independent, 13 Feb 1985)</i> <i>m) "Clarkdale moving day approaching" (Verde Independent, 13 Feb 1985) – move of ToC Admin offices from Clark Memorial Clubhouse to former P.O. building. Used as P.O. from 1918 to 1985.</i>	a) Color b) Memo c) d)	Accept- not yet accessioned; photos and newspaper clippings not yet scanned	TOC Room
396	<i>8"x6" dark brown wood plaque, with 5"x7" black shiny metal plate, 1/16" gold colored border. Inscription is in gold colored lettering: Chandelier Reproductions were made possible through generous contributions to The Bette Bell Memorial Fund. Relating to the Clubhouse Restoration project. Condition: Good</i>		Unable to locate	MISSING
399	<i>Newspaper article Sunday in Verde Valley, Prime Time Living, titled: Lounging in Clarkdale with Matt & Eva Sunday, Feb. 21, 1999 by Paul Blankenship, Staff Reporter. The article is about the history of Matt and Eva Pechariches who owned the cocktail lounge for 31 years beginning in 1959 and details about their family's history. NOTE: There is a photo of the Cocktail Lounge (accession # 2015-42-06). I did not find this newspaper article in our archives. Condition: Good</i>		Accept- not yet accessioned; should be scanned	TOC Room

T C #	Item	Status	Status 11/20/23
401	4-Post Cards, B&W, 5.5" x 3.5": A-Clarkdale Administrative, Post Office and Two Schools, Main and Ninth, 1930 B-Bitter Creek Bridge, Santa Fe Train, United Verde Smelter Stack, 1917; C-Upper Town Clarkdale Commercial District, 1917; D-Clarkdale Park with Gazebo (Bandstand), 1916 ALSO 1- B&W photo, 5.5" x 3.5", Smelter-one stack, with smoke coming out of the top, inscription May 28, 1915(?)---The thing making this photo unique to any others we have in archives is the inscription May 28, 1915. We have other photos from 1914 and Clarkdale 1915 on display. However, it appears there are buildings, off to the right,	not yet accessioned	TOC Room
403	Magazine: Living in the Verde Valley, June 27, 2007, copyright 2007 Verde Valley Newspapers, 8"x10.5". Articles of possible interest: a) Cottonwood-A city in the middle of everything (pg 21, 23) Begins with a brief history 1874 - 2007; b) Irrigation ditches provide water (pg 52-53), brief history from 1200 A.D. listing "Cottonwood Ditch Inc.---pull and file in the reference file cabinet; c) How to register to vote, (pg 53-54) lists places in Cottonwood to find voter forms. Misc. advertisements such as: d) pg 11 = full page advertisement, photo, # of employees,\$ influx into local economy, historical photo 1959. Now owned by Salt River Materials Group SRMG, previously known as Verde Gypsum Mine, Phoenix Cement---pull this one...save reference file cabinet; e) pg 13= full page advertisement Blazin'M Ranch, Cottonwood, dinner and show; f) info ads: Where to play golf in Cottonwood Area (pg 40); Parks - Tuzigoot, (pg 41) one paragraph re: hours of operation; AZ State Park: Dead Horse State Park (pg 42), on paragraph description; Other Parks and Recreation, places in Cottonwood and Clarkdale (pg 42-44). Also: Educational opportunities,	save for reference library only	check
405	A-8.5"x11", titled: Profile: Yavapai County, Arizona by Arizona Department of Commerce 5 pages of statistical data, such as population, utilities, taxes. Includes all cities in Yavapai County-- discard B-8.5"x 11"Xeroxed copy (2 pages) Clarkdale statistical data (i.e. taxed, weather, population, scenic attractions) prepared by the Arizona Department of Commerce, 2007-- accession	2019-69-1 (item E)	Library Box 18
406	7.5"x11.5" Publication titled: From the Annals of The Old West Chronicle, Vol. 1 No. 1, 1992 Collection of Front Page Stories, by Robber Leonard Sizelove, Editor & Publisher Alias "Lonewolf" Articles included in the publication, of possible interest: Clarkdale: Billion Dollar Name for "Whistle Stop" Town (pg 70-75) photo of William A. Clark standing next to (an antique? car), ending with a story about Cornville. Cottonwood: Emerald Jewel of the Upper Verde (pg 33-34), by Bill Cowan, Camp Verde Historian, begins 1870-1885 from the early settlers to the Cottonwood Post Office. References to Scouts, Ranchers. Names: Edmund Peck, Charlie Hawkins, Bill Nichol, Charles Willard with brothers Dolph, Ninian and Alex, Parson James O. Bristow, Hank Wingfield, Tom Carroll, Godfrey Van Daren (where Safeway is now located). Places: Citizens Cemetery, 1878 first school house, smelter at Clemenceau, the sawmill (now Sawmill Square). Poem: The Old Corral, by Mack	2019-70-1	Library Box 18
407	Soil and Water Conservation Plan, 8.5"x11", reports dated 1962-1963, by Dr. Kenneth B. Brilhart. Information also included in this folder: Three hand-drafted maps: 2-Soil conservation maps diagramming results from the report; 1- "American Cement Corporation Right-Of-Way-Map (size 26" x 16.25"), Proposed Access Road S.R. 89A to Plant Site, Via: Route No.1, Approx. Length=1.53 Miles. 8"x10.5" 9-page brochure titled: The Arizona Watershed Program of the U.S. Department of Agriculture - Forest Service, covering Coconino, Prescott, Tonto, Apache National Forests. Beaver Creek Watershed Map. Condition: fading, yellowing, fair condition	2019-71-1	Archive Box 21 (2019-71-2 also)
408	The Verde Independent newspaper, July 8, 1971, 8 pages, Volume 24, No. 22, Cottonwood, AZ. Articles of possible interest: Cover Story: Activities a plenty and tired parents mark weekend. 4th of July at Peck's lake..... and description of activities at Peck's Lake. 5.75"x7" B&W photo of Gayle Gemmill (Mabery) as toddler, wearing a white summer dress and white sun bonnet, listed as "the cutie is the daughter of Dinah Gemmill", page 1. (This photo NOT in our archives); 1967 Mingus graduate, USAF Sgt. Terry M. Lyons is "Cottonwood serviceman cited". 4 paragraph article, page 4. (this is a recognition of his service in USAF), the article says "his wife, Marjorie, is the daughter of Mr. & Mrs. Robert A. Hoffman of Cottonwood". (no photo); Cottonwood VFW and Auxiliary Photos and	2019-72-1	Map File Drawer
412	31 Library Registration Cards, 1994-1995, 3" x 5", manila cardstock material. Information includes name, address, phone number, occupation, business address, business phone from residents of Clarkdale (24), Cottonwood (4), Jerome (1), Cornville (1), Sedona (1)	2019-73-1	Archive Box 21

- 413 3 Deputy Voter Registrar Record books, Yavapai County, Arizona, 5.5" x 8.5", contain carbon copy receipts with date, name, address, party: 1974, 1976-78, 1981-82. Condition: good, only a few are illegible 2019-74-1, -2, -3 **Archive Box 21**
- 414 Against the Franchise, with 2 lines for Judge signature, pad of 50 ballots, all blank. Versions: One English - One Spanish Condition: Good not yet accessioned **TOC Room**
- 415 6 Town of Clarkdale law enforcement ticket pads, blank, no date. 8.5" x 3.5" 3 copies for each ticket: Court's Record (white), Court's Report for Highway Dept (blue), Violator's Copy (pink) Condition : good not yet accessioned **2023-30-3**
Archive Box 23
- 416 3 Town of Clarkdale law enforcement ticket pads, blank, no date. 4.25" x 7.75", numbers begin at 341-400; white, yellow blue, pink carbon copies. Condition: Good not yet accessioned **2023-30-3**
Archive Box 23
- 419 Misc. notes, newspaper clippings, Xeroxed photo copies:
A-Handwritten Note on paper, size 7"x5.25" saying: "Sen. Clark Trousers, size 36x32, Rich Skovlin (name actually should be George Skoblin) 928-284-4096", stapled on top is info on a vintage Highland Frock Coat for sale \$159.95-no trousers- **discard**
B-Handwritten Note: "Doug Van Gausig photos of Town of Clarkdale, Cement Plant, Smelter, 2008-2009"--these are aerial views (I am not sure what areas) Xeroxed on copy paper--...--these copies are poor--would not accept- **discard**
C-Mary Grace Willard-Matriarchal Mother, Kudos newspaper full page, photo (6.25"x7.25") and paragraph, April 13, 2005 "Remember When", courtesy of Verde Historical Society/Clemenceau Museum-did not find in archives-accept - **accession**.
D-Senior Ditch Day - Kudos newspaper full page, photo (7.5"x5.25") November 3, 2004 "Remember When", courtesy of Verde Historical Society/Clemenceau Museum. Description: Cottonwood High School class of 1940 at Indian Gardens: Love, Murray, Newberry, Heydom, Girdner, Malone, Cook, Dale, Black, Kallsen, Willard, Savage, Wright Anderson, Mr. Howe, Escalante, Manriquez, Torrez, Zimmerman and King-did not find in archives-accept - **accession**
E-Handwritten Note on pink sticky, size 3"x3", listing the following info: "Contains - Vesta Northeroz(spell?) display of drapes in Clubhouse & Clubhouse restoration / Country club trophies & plaques & bracelet & scorecard / Books (2) Alchemist 42-92 / Father Hurley's scrapbook, RR ties--unsure of what contents this sticky note is pertaining to - **discard**.
F-A multi-fold brochure "Map of Early Arizona - Highlights of Arizona History, from 1538-1912, with some statistical facts of population, governors, mining. Nothing specific about TOC, however it unfolds to a reproduction of map of the Territory of Arizona 188 (includes Jerome & Camp Verde on map, scale 23 miles to 1 inch, size 17"x21", on card-stock quality paper. **discard**.
- 423 8.5" x 11" x .50" - (same as: TOC receipt # 343) - Report with brown cover. Title: Tuzigoot: The Excavation and Repair of a Ruin on the Verde River near Clarkdale, Arizona. Authors Caywood and Spicer. Dated July 1935 119 pages. Former Clark Memorial Library book. Inside the cover is an ACKNOWLEDGMENT: The cover and binding of this report were made possible through help provided by S.E.R.A and E.C.W. at the headquarters of the Field Division of Education, National Park Service, Berkeley, California 1935. This one is in much better condition than the one we have in archives. Condition - stable, pages yellowing not yet accessioned **check**
We have a copy archived: Object ID# 2017-39-1
- 425 5.5"x8.5" book titled: Pioneer Stories of Arizona's Verde Valley, published by Verde Valley Pioneers Association, 1954. The Pioneer Stories-as told by themselves and compiled by the book committee-published December 1933. The cover artwork is a covered wagon drawn by 8 oxen, on a rocky trail. 219 pages. Condition, some water spots on first few pages, cover is taped together with heavy plastic taping, the inside binding has separated, pages yellowing. Copy in reference library: 2008-101-01 One copy should be not yet accessioned **TOC Room**
- 428 6" x 9", Booklet titled: Holiday on Oak Creek, by Eugenia I. Wright, copyright 1955, 92 pages. The cover is a photo of Oak Creek surrounded by red mountain and trees alongside the creek. Includes articles on: Mingus Mountain, Cottonwood, Tuzigoot (pg 29), Clarkdale (pg 18, 34-post smelter), Cornville (pg33). Condition: Good not yet accessioned **TOC Room**

- 429 Manila Folder labeled "Clark Family", 7 items not yet accessioned TOC Room
- A-2 - 6"x4" color photos labeled "Clark House", front and back view, April 1992
- B- Newspaper article titled: Economic Setback Caused By Mining Scion's Death (on the 30th anniversary), 2 columns, Xeroxed, B&W photo of Marcus Rawlins holding a photo of W.A. Clark III and clock from Clark's airplane
- C-4.25"x6" B&W photo labeled Senator William A. Clark, pictured sitting in high backed wood arm-chair with cushioned seat, at desk with pen in right hand resting on an open book. One paragraph Xeroxed article states "in an article on Capt. John D. Boyd the Arizona Silver Belt says.....Twenty-Five years ago he located the Verde group and a few month later sold for \$10,000 a mine that is now estimated as worth \$30,000,000, and for which Senator Clark is said to have refused \$100,000,000....." There are handwritten notes about the article being from L.A. Daily Times, October 17, 1901.
- D- 8.5"x 11" Article Titled: "A Remarkable Pioneer and Builder Takes the Other Trail" published by The Yavapai Magazine, page twenty, April (no date), B&W, Xeroxed copy. 2 photos each 3.5"x2" described as "Memorial Services for Wm. A. Clark held at Jerome and Thousands of men and women from all walks of life paid tribute to the founder of the copper camp."
- E- 8.5"x11" Article Titled: "Midas of the West, The Incredible Career of William Andrews Clark" by Michael P. Malone, publisher Montana The Magazine of Western History, page 2, no date, B&W Xeroxed copy. It tells about the Clark legacy Described beyond the "political feud with fellow Montana mining magnate Marcus Daly, that there is much more to the Clark legacy than merely this..."
- F- Article Titled "Senator Clark's Marital Woes, His Late Announcement of Marriage Brings Forth One Who Also Claimed Him-She Was a Visitor to Prescott a Few Years Ago, by Hattie Rose Laube, hand written date of October 7, 1904, B&W Xeroxed copy, 9 paragraphs.
- G- Receipt dated June 9, 1997 for \$9.76, from Carol Ray Chairman Clarkdale Heritage Conservancy Board for color photo copies,
- 430 7.25"x5" photo of house, front porch and right side view, labeled 1311 First North Circa-mid 1920's. I did not see this in archives. not yet accessioned TOC Room
- 6"x3.5" photo labeled Clarkdale Indian Village Circa 1923-24, at least 5 wooden structures in open field, with a mountain in the background.
- 6"x3.5" photo of boy and girl (under 5 years of age), sitting on the ground, possibly holding a land map spread open on their laps. The photo is Xeroxed on the same page as the above photo labeled Clarkdale Indian Village. Condition: good
- 432 2 sets of band pictures with names. A-3 copies TOC Room
- 7.5"x6" B&W photo, Xeroxed onto 8.5"x11" copy paper. 7 piece band, with handwritten note "January 1930 at Clarkdale High School Bldg. Names: Art Whitely, Frank Spooner, Ernest Ahoa, Chub Burner, Bill McNalt, Al Truscott, Doc Klihosx (?spell?). Condition: 1 copy is very clear, the other 2 are fuzzy and copies of copy.
- B-3 copies, 9.5"x7" B&W photo, Xeroxed onto 8.5"x11" copy paper. Circa 1960-1961.
- 25 piece band/orchestra (approx.). Includes a yellow colored 8.5"x11" sheet of paper listing 22 names: Gary Storsand, Margaret Lopez, David Brilhart, Bill Christensen, Jerry Ingram, Gary Ralston, Sherry Ralston, Linda Padgett, Susan Pratt, Pat Foster, Jerry McCoy, Howard Killebrew, Benny Lovell, Barry Cummings, Mike Westcott, Matt Pecharich, John Doubek-director, Ted Simpson, Grace Contreras, Judy Guinn, Annette Perwin, Roberta Blazina (Wescott). Condition: 1 copy is very clear, the other 2 are fuzzy and
- 433 4 - Carpet samples from Clubhouse renovation, each 10.5"x9.5" squares, multiple designs and colors. Condition-good not yet accessioned TOC Room
- 434 Upholstery fabric remnants and trim from Clubhouse renovation, dark blue with rose, pale green, pale blue floral pattern. not yet accessioned TOC Room
- * 1 large sized piece: 25"x39"
- * 7 smaller upholstery scraps-measurements are calculated by largest usable areas: 11"x13", 9"x11", 8.5"x8.5", 9"x12", 4.5"x37", 6"x10", 8.5"x11"
- * 1 trim piece - dark blue, 1/2"x 82" Condition: Good

436	Exterior Light bulb protector, glass covering (for bulb)" protected by metal cage, both approx 9" tall. and 4" in diameter possibly removed from Clubhouse during restoration work-check old photos. Condition: Good, the glass is dusty-dirty but cleanable.	not yet accessioned	TOC Room
439	Billiard ball-#7 - Dark brown, used at Clark Memorial Clubhouse --Condition: small crackling of dark brown paint-otherwise good	2023-29-1	On exhibit; no home location
441	Baseball in clear plastic display box (hint: the box slides open at top and bottom), 2.5" diameter, material: hard baseball, medium brown in color., red stitching, circa 1900's. Words stamped on baseball: ATLANTIC - no emblems, no signatures. Note: Per a Google search: The first Atlantic League lasted from 1896–1900 and was the successor of the Pennsylvania State League, 1892-1895, and one short lived team in 1914. A modern day team founded in 1998 (their emblem is of modern design) E-bay sells baseballs-but stamped with "Official Ball Atlantic League" selling between \$4.95 - \$20.00. Possibly this one was used in baseball game BEFORE they made ball "official"?? or just a brand of baseballs, or used in one of TOC baseball teams. Unknown how it relates to TOC. Condition: good, slight cracking to baseball material-stable	not yet accessioned; Note: no clear provenance to Clarkdale but will keep b/c of significant Clarkdale baseball history and possible provenance	TOC Room
442	Chieftain Official League Baseball in cardboard box (CIRCA - 1938 - 1965), MANUFACTURER - LANNOM MFG. Co. 2.5" diameter, white horsehide cover with red stitching. PRICE GUIDE - \$50.00 - \$75.00 Unknown how it relates to TOC, possibly used in one of TOC baseball teams. Condition: good, some dark markings from use, the cardboard box top is torn off	not yet accessioned; Note: no clear provenance to Clarkdale but will not yet accessioned	TOC Room
444	is good	not yet accessioned	TOC Room
445	1-CD - Labeled "Clarkdale Historical Photos used in Calendar 2009"- a blue sticky note says: golf course, club house, funeral process, plane crash, boat races, etc.--Accept-Accession - appears to have some new photos--thumbnails printed-- 2.5"x3.5" sized B&W photos (count=141), Xeroxed onto 8.5"x11" copy paper (7 pages). There are penciled notes: 4/09 Calendar, JB= Janice Benatz, 1931 Champions of Northern Arizona (baseball team wearing Clarkdale uniforms), Workman VVRR-AZ Extension, U.V.&P. Jerome narrow gauge-train photo, with photos of trains, Indian pointing a rifle, Indian girl holding pottery, American Legion Auxiliary, house, Clarkdale Foot Bridge, football team, 3 men dressed in suits sitting on motorized bike, smelter building site, 1913 first baseball game between Jerome and Clarkdale, etc. Assorted 20th century dates.---Put them with the CD- thumbnails printed--- use the Accession # with CD above and file with CD. 1-CD labeled "Clarkdale Heritage Museum Photos 1/5/09, with and 8.5"x11" folded page of paper containing instructions and information about viewing, opening, sizes of jpegs and galleries. ---has cement plant photos we may not have---- 1-CD labeled Clarkdale Photos. There is a pink sticky note that says "Fort Verde Photos" Contains hunting party photos we have, but also contains some photos we may not have....Accept -	not yet accessioned; needs to be reviewed; photos should be scanned	TOC Room

446 6- B&W photos on glossy photo stock paper. They appear to be reproduced (not originals) A-2 photos (described above) sized 7.5"x4.75" and 4.25"x5.75" - handwritten notes on back saying "Airplane owned by William Andrews Clark III (Grandson of Senator Clark, founder of Clarkdale) 3-31-1932- Clemenceau Airport. The other pilot was his friend and flying instructor Jack Lynch." (Keep the right side view, shows the plan number under the right wing) [Related: 2008-043-02 Photo Box 2 (left side view of plane); 2009-123-001 similar photos--not sure where they are located B-2 photos (described above) both size 7..25"x4.75" - handwritten notes on back saying: "Photos and data listed is by Bill Connor, Clarkdale Businessman. Air races and dedication of Clemenceau Airport, March 19,20,21 1932. 21 planes, very windy, races and stunts." These photos are of crowds walking in front of a building with signage "Verde Valley Air Lines Ltd." C-2 photos (described above) sized 4.5"x6" and 6.25"x4.50" - handwritten notes on back saying: "Clark Plane Crash - May 15, 1932, killed both William Clark III and Jack Lynch in hills east of Tuzigoot National Monument." 2009-123-001 similar photos----not sure where they are located. Condition: Good	not yet accessioned ; review collection to see if these are duplicates; photos should be scanned	TOC Room
448 13 - B&W reprinted photos of Centennial Plaza, material photo-stock. No date. Found in Collection: similar copies---slightly different 2011-36-5 A color photo of the Clark Memorial Clubhouse in 1995-Photo Box 11 2012-74-1 Photo of Clark Memorial Clubhouse as seen through the columnar arches of the former United Verde Public Utilities Company building. Photo Box 13b, Basement Storage Vault . Condition: Good	not yet accessioned; discard if duplicates and	TOC Room
449 3 B&W photos, appear to be reproductions of originals, on photo stock paper. Circa early 1900's A- 7.75"x5.5" (described above) 3 men on a golf green-2 players and 1 holding the flag at the hole, in front of a building. [Related photos in collection: 2011-9-14 Copy of a black and white photo of four men golfing at VVCC. It also shows the Clarkdale Smelter in the background, beyond a trestle - Photo Box 11 2011-9-11 BETTER COPY--Copy on photo paper of golfers at Verde Valley Country Club. One man holds the pole; another is putting while a third waits. The clubhouse and pavillion are seen in the background. Photo Box 11 B- 9.5"x6" (described above) 17 men workers in hats, carrying boxes (maybe smelter workers?) C- 7.5"x10" B&W glossy photo of William Clark. This is the same photo hanging in our exhibit room.	not yet accessioned: discard (B) if not smelter related; check to see if (C) is a duplicate; photos should	TOC Room

453	<i>Multiple items:</i> A-8.5"x11" Xeroxed copies (2) photo "The Clarkdale smelter in the early 1920's", from a newspaper (no date) and the only identifiable info is "Discover / Cottonwood". There is one stack in the middle of the buildings. There is NO ARTICLE to go with this. Unique view B-8.5"x11" request form by Clarkdale Heritage Conservancy Board Photo/Blueprint Reproduction Form for (customer) E.JD. Roberts for "the Noise" publication August 2005 Only. Copies requested: Peck's Lake Boat Race 1934, Peck's Lake Party People at the Country Club, Country Club. Signed 7-22-2005 - discard C-8.5"x11" Xeroxed copy of newspaper article titled: "My Turn by Dorothy Benatz, former mayor of Clarkdale" (possibly 1988) A 50 year historical review beginning with her arrival in Clarkdale in 1938, and mostly about the business aspect from electricity provided by Upper Verde Public Utilities, sulphur smoke pre-EPA, 1953 closing of the mine and smelter, 1957 incorporation, and how grateful she is as the new year begins. The article is 13 paragraphs in length. A copy could be with accession #: 2015-15 -1 or -2. Oral history of the Benatz family with George Benatz and Janice Benatz. Recorded on DVD and transcript. D-8.5"x11" newsletter (double sided) by Camp Verde Historical Society, Inc., March 15, 1999. Brief mention about a book Dark And Bloody Ground by Earle R. Forrest (1936) with includes the story of James F. Roberts, lawman, who shot the Clarkdale Bank robber, the story says "Town youngsters called him "uncle Jim." He was the supposed model for Zane Grey's novel To The Last Man, which also dealt with this "war)-accept- accession E-3.25"x4.5" Xeroxed copy of B&W photo of Betty Bell. The paragraph below talks about her prize-winning Christmas quilt donated to benefit the Clarkdale Restoration Commission. It appears to be a copy from a newspaper clipping. No date, other than this "the drawing will be held during the Cottonwood Christmas Parade Dec.7th (no year listed)". Accept - Accession F-8.5"x11" Xeroxed copy, 17 paragraph article about John Bell, of Bell's Antiques and Photo in Clarkdale, titled: Journalist sticks to Communications, dated September 14, 1984 from Discover It, written by Jeri Robertson, Independent Staff Writer. Is about his life beginning with his printing career in his freshman year of high school, 3 years in World War II, being skilled as a photographer let him into teaching at Clarkdale campus of Yavapai College, with (2) B&W photos (2.25" x 3.25" and 2.25"x3.5". Accept - Accession G-Article, 9 pages, Xeroxed copy, Titled: Jerome's Lost Football Legions-One Last Cheer for the Muckers!" from Barry Sollenberger's 1998 Arizona Football (magazine?) Covers the 1950's Clarkdale Field, William A. Clark, United States Verde Copper Company, Clarkdale Wolves, Clarkdale game scores, Clarkdale Raid, B&W photo-7.5"x 3.5" of labeled "Historic Clark Field in the 1920's". Accept-Accession H-8.5"x11" Xeroxed copy (2) page letter from TOC Town Manager, Gayle Mabery to Jim Garrison, State Historic Preservation Office (SHPO), Phoenix, AZ re: Town of Clarkdale, Downtown Revitalization Program, dated March 09, 1999. Information includes: development of the Master Plan, the Town's \$500,000 TEA-21 grant, partnering with SHPO on an advisory role throughout the process. Names mentioned: Planning Director Jim Hofbauer, Historian William S. Collins. Accept-Accession I-Map: Mingus Shadows Unit Three Zoned: R1, Preliminary Plat of Tract O Replat Mingus Shadows Unit Three Replat A, revised 5-19-	not yet accessioned; review notes	TOC Room; all items except b) present; note on original list says "discard"
453 (cont'd)	J-Map: Results of Survey-Lots 9, 10 & 11, Block 45, Clarkdale, Bk. 5, Maps & Plats, Pg. 85 in the NW1/4 of Section 20, T16N, R3E, G&SRB&M, Yavapai County Arizona, for: Copper Bluff Investments, created by True North Surveys on 10-13-04. Scale = 1" by 30'. Accept-Accession K-4"x9" (5 fold) Brochure - Archaeological Parks and Sites in Arizona, by State Historic Preservation Office, no date but was with the other preservation brochures-possibly this was printed early 2000. 1 paragraph about Tuzigoot. Discard L-Letter of Thanks: to Ms. Leslie Nielsen, Phelps Dodge Corporation, Phoenix, AZ re: Historic Photos. From Karla J. Davis, Town Clerk, cc: Rennie Radoccia (Mayor), Deb Pearson (Heritage Conservancy Chairperson), dated December 18, 1998. The letter states Leslie helped the HCB with copies of photos of the Clarkdale area and to organize photo albums. Do not Accession but keep as information	not yet accessioned; review notes	TOC Room; all items present

455	9.25"x13"x1", original Montgomery Ward & Co, Catalogue Number 107, Fall and Winter 1927-28. Condition: The exterior cover binding is held together with scotch tape, the outer edges show slight wear, a few pages are loose, all are yellowing, paper is fragile. Similar item = Accession # 2008-113-01 Sears and Roebucks Catalog (1908). LOCATION: reference library.	Put in office reference library	Removed from ref. library; on discard shelves
456	In archives we have different views: 2008-048-02 - right side angle of building- This is an 8X10 black and white photograph of Clarkdale High School. The fence surrounding the school is visible, along with two students on the left side of the photo. The landscape is barren, partly due to smelter smoke. Photo Box 2 2014-23-3 Snapshot of Clarkdale High School in 1950. A fence around the grounds separates the school from Main Street, Clarkdale. Photo Box 14 [Item B not accepted - see not accepted list]	not yet accessioned	TOC Room
458	Letter-sized manila folder containing the following: A-8.25"x8.5", Notice: Special Water Allowance to Water Customers of Clarkdale Realty, Inc, March 16, 1966 to October 16, 1966, mimeographed. The letter was to encourage water customers to beautify their home surroundings by caring for lawns, shrubs, trees and flowers, without additional costs to them, up to 15,000 gallons per month - Condition: good Accept - Accession B-The Mercoid Corporation Installation Instructions for Type JM Pyratherm Oil Burner with illustrations of open circuits, and fixing ignition failure-technical diagrams, dated May 1941. Handwritten note says Clark Memorial Club. Condition: (4pages torn apart at seams) dirt stains - file with Clubhouse Restoration materials.Accept - Accession C-Typed Letter to Robert McIntyre, Architect, from Mrs. Dorothy Benatz, Clerk TOC asking of his availability to draw up plans as the TOC has applied for Application for Advance for Public Works Planning to restore Clark Memorial Clubhouse, February 28, 1969. Appears to be the original copy. Condition-very slight yellowing, a few torn edges. -Accept Accession D-By-Laws of Clarkdale Community Betterment Association, mimeographed, 2 8.5"x11" pages, no date-circa 1960's and 1 page listing 21 members names with first and middle initials, then last names. Condition-slight yellowing. E-8.5"x11", 4 typed pages titled Clarkdale Property Owners - Resident , containing approximately 143 names and addresses. Condition - yellowing. F-8.5"x11" Letterhead paper (copies) for Clarkdale Community Betterment Association, 11 blank copies. Condition: yellowing and copy marks from Xerox machine.- Accept - Accession, keep 3 best copies	not yet accessioned	TOC Room
460	Letter-sized manila folder containing 20 pages (8.5"x11" copy paper) of accessions for "CD", 2002. There is one page listing items removed from the Heritage Conservancy Office in 2002, listing by who, what, when returned.	Added to HCB files in Archive	HCB File Cabinet

461	Accepted items: a) 7- 10"x8" color photos, aerial views of Clarkdale, printed 2002. Condition: good. Possibly we have these, beginning with accession# 2009-032. Seven color aerial prints (8"x10") of Clarkdale. Three by Planet Earth Aerials (copyright 1996), three by Ken Gray Photographic (copyright 2000) and one with no marking. b) 4-7.5"x4.75"-Photocopied B&W photos: boat and water with smelter in background, man & lady standing next to golf club caddy-check if someone recognizes this couple----, (material: copy paper), Condition: quality of photos at that time may have been poor, the people's faces in the boat photos are darkly shaded. e) 10"x8" B&W photo of Clarkdale Smelter Band, per note on the backside: 3rd from right with saxophone Joseph Lemuel Morrill". Total 14 men. materials photo stock paper. f) 2-5"x3.5" color photos of auditorium decorated with pink and blue balloons and streamers. material photo stock paper i) 2-7"x5" B&W photos, 3 women and one man standing in front of a house #1510, handwritten note says Clarkdale, circa 1940-50's?, material photo stock paper, copy of original. j) 2-7"x5" B&W photos, man & woman standing in front of house #1510, circa 1940-50's?, material photo stock paper, copy of original.	not yet accessioned	TOC Room
464	Materials related to Tavaschi Marsh Restoration Project and residential/commercial development: A [not accepted] B-Newspaper clipping titled: Plan calls for enhancement of Tavaschi Marsh, by Mark Dolce, Staff Writer, 4 column article, photo of AZ Game and Fish officials Mary Jo Croonquist and Rodney Mouton displaying a map of the Tavaschi Marsh presenting the enhancement plan Oct. 14. (No Year Listed, possibly 1993 or later, after report?) C-Newspaper clippings titled: PD: Ranch project will materialize, from Verde Independent, page 1 and 54, by Kimberly Hundley, Staff Reporter, dated March 3, 1995. D- Newspaper, Cottonwood Journal Extra, cover story titled: Details stall Tavaschi Marsh development, by Teresa McQuerrey, Staff Writer, dated January 5, 1994. This is the entire newspaper, pages 1-12A. Condition: good	Items B, C, D accepted - not yet accessioned	TOC Room
465	"Clarkdale" in red stitching (across the upper half). Memorabilia for 50 years includes newspaper clipping, Yearbooks, letter (dated 1964) from Martha Abrams describing her life in 1925 and her association with the club, certificates, programs, creed, photos, etc. Condition: good	not yet accessioned	TOC Room
466	6-Utility Bills as listed below, with a donation card: Utility Bills Found In Old School House, Donated by Bill Seeley. 2-Upper Verde Public Utilities Co., addressed to Cal Wilson, dated 1957 1-Bell System The Mountain States Telephone & Telegraph Co, addressed to Cal Wilson, dated 1957 3-Arizona Public Service, addressed to Orpha Wilson, dated 1955 (2), and 1961 (1). Condition: good	not yet accessioned	TOC Room
467	Old cardboard envelope containing architectural plan drawings-basement, floor, roof, Blg#68 on Drawing 251-211, originals, with 2 page description of the Clarkdale Memorial Clubhouse Renovation Project. A-8.5"x11" typed listing of Catalog of Maps of Community Clubhouse and Swimming Pool, listing Map # 278-1 thru 278-15, 278-3S, 278-12S, 278-16S, 1-D-6 describing Information Represented. NOTE: there are only 3 inside of those listed on envelope. B-hand drawn, labeled "Steel Folding Gates for Concession Room, 14.4"x 13.25", material is brown wax onion skin type paper. Condition: fragile, in two pieces (map 278-3S) C-8.5"x11" hand drawn, labeled " Cooler for Library", map 278-12-S, date 6-25-1941, original. D-8.5"x11" hand drawn, labeled "Brickwork in Fire Box for Oil Burning, map 278-16-S, date 10-21-1949, original	not yet accessioned	TOC Room

468	Items relating to 10K races and 4th of July events---listed below: A-(2) Magazines - Article Titled: Clarkdale 10K Liberty Run-A Small Town on the Fourth, Arizona Racing News, by C.S. Thomas, August 1990, page 22-23 B-14.5"x14" Banner title: "Clarkdale Liberty Run", material: feltThe background is white, with a bright yellow Lady Liberty holding the torch in right hand, above her head, with a tablet in her left hand-at her side-with markings "July IV". She is above the banner title. Below the banner title are 2 American flags. Bright red, blue, and yellow colors bring a brilliant festive look to the banner. There is a date is very tiny print, possibly indicating the year was "90".....it's smudged. It seems the magazine and banner could be related to each other. C-15.7" x 20" Poster for "Clarkdale Celebrates and Old-Fashioned 4th of July, Saturday July 4, 1987. Materials: light weight poster board. Activities listed as follows: A.M. - 10K run, 2M walk at the park-parades, ice cream social, games, music. P.M. - at Peck's Lake, live band, games, displays, great food, beer & pop, **fireworks**. The colors on poster are red, white and blue. In the bottom left hand corner is a 3.25"x1.5" box indicating: Clarkdale Chamber of Commerce PO Box 161, Clarkdale, Arizona 86324. Condition: The poster divided, horizontally, in 2 pieces, slightly yellowing.	not yet accessioned	TOC Room
469	(3) 3.25"x2.75" Cards from Southern Union Gas Company "Notification of Unsafe Condition-To: Gas Inspector", #'s 79981, 79982, 79983, dated 12-29-89 (1) and 1-3-90 (2), signed by Ed Sheumanture (sp?), material: thick stock paper, color bright red. The information on the cards are:(on front side) address, appliance, location, reason (on back side) remarks.	not yet accessioned	TOC Room
471	(2) Poster Display Items, both printed on white paper, mounted onto Styrofoam backing, description below): A-5.5"x10.75" article (enlarged) titled: Yum, Yum! It's Good, by Verde Copper News. There was a "great Clarkdale barbeque last Saturday", tells of Joe Contreras supervising the construction of the four big pits and cooking of 6000 pounds of beef from 12 steers. Note: found in archives info about who is Joe Contreras: Accession 2012-47-14 "a tri-fold display for the Oct 2002 Celebration of the Smelter. This piece recognizes Joe Contreras, who worked at the smelter from 1942 to 1950" B-8.5"x10" article (enlarged) titled: Housewives Sense Atmosphere of Completeness in Kitchen" by Verde Copper News. Describes "housewives visiting the kitchen and pantry in the Clark memorial club are interested in its complete equipment of the most modern type....." then goes on to explain silverware, one thousand glasses, dishes, linen, utensils, kettles and skillets.	not yet accessioned	TOC Room
472	Clark Memorial Clubhouse, Inventory of Property-Furniture, Fixtures & Equipment, Erle P. Halliburton, dba Upper Verde Public Utilities Company-Estate. Date is October 1958. 4 pages (each are 8.5"x14"), contains approximately 200+ items. Condition: good	not yet accessioned	TOC Room
473	Article titled: Clarkdale: New ghost town, by Carrie White - Arizona Tracks, 2 columns. 4.25"x10.25", material: photocopy, date unknown (would like to find a date). The article says: " a grade school built to replace the junior high that burned down a few years ago...the old elementary school is empty now too....football team plays at a new field near the new high school in Cottonwood....therefore a modern ghost town has been created-Clarkdale". Condition: good	not yet accessioned	TOC Room
474	Original Sheet Music, 9.25"x12", titled: There is a tavern in the town-Fare-Thee-Well, For I Must Leave Thee, by William H. Hills, Edited, revised and introduced by Rudy Vallee, Shapiro, Bernstein & Co. Inc. Music Publishers, New York. Copyright 1936 There is a handwritten note on the front : "Clarkdale Woman's Club, Mrs. Ed. E. King. FYI-this item sells on Ebay between \$.99 - \$4.00.	not yet accessioned	TOC Room
476	8"x10.75", tourist guide booklet titled: "The Community Book-Verde River Days", published by Verde Valley Newspapers Inc., dated September 1995. The following articles listed below: A-Multiple articles about creating awareness about conservation and the Verde River- (pages 4-19) B-Take a ride on the wild side - Clarkdale's Verde River Canyon Excursion Train, pages 20-21, includes history about the train C-multiple sized photos (small-most are approximately 2.5"x1.75")Clemeceau Heritage Museum, Verde River Canyon Train, Sycamore Canyon, Tuzigoot - pages 24-25 D-Article titled: Tuzigoot condo was home to Valley's first Indian tribe, pages 30-33. Condition: good	not yet accessioned	TOC Room

478	8.5"x11" Program booklet titled: 1996 Reunion for Clarkdale, Camp Verde, Clemenceau, Cottonwood, and Jerome high school graduates. The cover features a drawing of the Clarkdale Wolf, and the pages are tied with a maroon ribbon, Clarkdale's school color. Included are a copy of the school fight song, list of program events, list of those who served in the military, and a directory of attendees. A column entitled "Remember When..." relates interesting anecdotes. Condition: some water damage to the bottom left corner. 2009-066-001-(different cover) This is a white with maroon print reunion book from Clarkdale High School done in 1996. Published by McClelland Studios in Anaheim Ca. 34 pages long and the roster booklet is 22 pages long. 2009-067-001-same book--note: the accession record says 1998, but photo attached shows 1996 2010-182-2 - same 1996 book (archives box 5) 2011-25-6, 8 -similar copy of 1996 (archives box 8)-condition - water damage 2014-42-35-(different-see archives box 12----A souvenir booklet for the 1996 Reunion for classes of 1920-1959 from Clarkdale, Camp Verde, Clemenceau, and Jerome. Photos of attendees and some that did not are included, as well as poems, photos at the event, and a current directory 2014-42-36 -same copy-(archive box 12)condition good -2015-42-10 -different version (see archives box 15) A booklet of memorabilia and photos of those who attended the 1996 Reunion for Clarkdale High School Classes	Already accessioned?? Other copies may have been replaced per yearbook policy	Yearbook Box
479	10" x 13" Collage with notes: "American Space Cage: Behind the Lockers, Clarkdale High School 1924-1989(?)". Dated possibly 1989 with John Duncan's signature??. Material: this collage of items is on white, sturdy cardboard with 1.5" white paper frame around the collage which measures 9.5"x7". There are multiple vintage items, attached by glue (Valentines card, "vote for Iola White for forum secretary, Use a bookmark, 1947 grade card, metal protractor, and other miscellaneous handwritten/typed papers. Condition: good, some dirt marks inside collage	not yet accessioned	TOC Room
481	A: 5.5"x8" Memories of Commencement booklet, 6 pages, owned by Charles L. Yates, circa 1942, material: thick cardboard. Classmates listed and many 3"x1.5" name cards: Alvillar, Bailey, Bradford, Chambers, Contreras, Crookham, Dailey, Dunsmore, Hance, Hites, House, Girdner, Lindner, O'Brien, Schuerman, Shockley, Siler, Fitchett, Teague, Thompson, Torrez, Valencia, Whitewing, Willard, Wilson B: 5.5"x8" Commencement Program brochure, Clarkdale High School at Clk Memorial Auditorium, dated: May 28, 1942, material: paper. Charles Yates classmates; Alvillar, Bailey, Charles Bradford, Roy Bradford, Bueno, Carrillo, Chambers, Contreras, Collum, Cox, Crookham, DeWitt, Dietrich, Dunsmore, Fitchett, Girdner, Greenastel, Hance, Heinle, Hites, House, James, Langdon, Lindner, Lopez, Lysons, Mariani, Martinez, O'Brien, Ernestine Ochoa, Olivia Ochoa, Piecas, Porterfield, Quesada, Runge, Schuerman, Shockley, Siler, Teague, Thompson, Torrez, Turner, Verdugo, Villalva, Wellington, Wiggins, Whitewing, Willard, Wilson, Charles Yates. C: 7.5"x3" Charles Yates CHS 1942-1992 name card with 2"x3" B&W (graduation) photo, signed by Charles (L????) Yates. D: 2.75"x4.5" B&W photos of classmates, total 25 (22 signed, 2 not signed) and marching band. 1942. Condition: good	not yet accessioned	TOC Room

482	<i>Albert A Yates memorabilia:</i> A: 8.75"x6.5" Clarkdale High School Diploma of Graduation, dated June 1, 1937, material: red felt cover with white satin liner inside, diploma is parchment paper. 3"x1.5" name cards: Belzner, Gonzalez, Hogan, Huntington, Murillo, Payne, Reese, Sherman, Stout, Valdez, Albert A. Yates. Condition: good B: 4"x2.25" membership card: Verde District Chamber of Commerce, Jan. 1, 1945 - Dec. 31, 1945, material stiff cardboard type. Condition: good C: Two - 4"x2.25" membership cards: Clarkdale Volunteer Fire Department, May 1944-May 1946 signed by Chief Jensen and Sec'y Yates June 1, 1946-May 31, 1948 signed by Chief Benatz and Sec'y Tilburg Material: pink stiff cardboard type. Condition: good D: 4"x2.25" Phelps Dodge Corporation, employee badge, with small B&W photo of Albert A. Yates (employee #) 2131 and Albert's signature. The badge was signed by Manager C.R. Kuzelle. Condition: fair E: 2.25"x1.25" gold metal framed name badge for A.A.Yates - Jerome, attached below with 1.5"x1.5: royal purple satin material with gold colored words "BPOE No: 955 dated: May 20-21, 1948 in Douglas AZ with a 1.75" diameter metal button saying " Annual	not yet accessioned	TOC Room
483	<i>Yates memorabilia.</i> A: Two - 1.5"x1.5" original B&W photos of one of the Yates. Check if we can tell if this is Albert or Charles.	not yet accessioned	TOC Room
484	<i>Yates memorabilia:</i> Marion Joseph "Fuzzy" Teague newspaper article titled: M. Teague Killed in Accident. Aviation Cadet, September 4 (no year) born 1922, graduated Clarkdale High School 1942, funeral September 10 (no year) circa 1940's. Listed survivors names and friends who will be attending. Maybe Fuzzy was in the NM Military Institute (see TOC receipt# 483-item B). Condition: yellowing, good	not yet accessioned	TOC Room
485	<i>Yearbooks, and reunion yearbooks. We have additional copies in the collection.</i> A: 8.5"x11" Alchemist 1942-1992 reunion book, Clarkdale High School. There are 41 alumni among them: Thelam Baily Thompson, Alwain Dirdner, Jane Schuerman Plecas, Melba Shockley Madge, and Meredyth Willard Malone. The yearbook is 82 pages long and has a dark brown plastic cover with white spiral binding. 2008-056-31 ----smelter room bookcase B: 8.5"x11" booklet for the Clarkdale High School Reunion 1996, 22 pages, material- paper. This is a white with maroon print. The title page also lists Camp Verde, Clemenseau, Cottonwood, and Jerome as being included, and features a drawing of the Wolf mascot. Inside is a schedule of events and the names of the Reunion Committee. There are several lists: those who served in the military, those who registered to attend, those who couldn't be found. On the back page is an essay describing life in 1946 as compared to 1996. An interesting item "Remember When" features a series of favorite memories of true events during the high school years. Condition: New-still has mailing cover addressed to Charles Yates. 2009-066-001 -----on temporary location 2010-182-2 ---- Archive Box 5, Storage Room downstairs 2011-25-6 -- Archive Box 8, Basement Storage Vault 2011-25-7 - SEVERE WATER DAMAGE--- Archive Box 8, Basement Storage Vault 2014-42-35 Archives Box 12, Basement Storage Vault 2014-42-36 Archives Box 12, Basement Storage Vault 2015-42-10 Archives Box 15, Basement Storage Vault [ANY OF THESE DEACCESSIONED ?]	May have been accessioned and duplicates disposed in accordance with yearbook policy	Yearbook Box

485 cont'd	C: 8.5"x11" booklet for the Clarkdale High School Reunion 1998. Camp Verde, Clemenceau, Cottonwood, Jerome are included as well. White paperback cover printed in black and white with two photos: Clarkdale High School and Clark Memorial Clubhouse. Inside pages have color photos of attendees. Material-paper. Condition: New - still has the mailing cover to Charlie Yates- 2009-067-----on temporary location 2011-25-8 ----- Water damage has stuck some of the pages together.----- Archive Box 8, Basement Storage Vault 2011-25-9 ----- Archive Box 8, Basement Storage Vault ----condition: fair 2014-42-37 ---- Archives Box 12, Basement Storage Vault 2014-42-38-- Archives Box 12, Basement Storage Vault D: 5.5"x8.5" 1984 Verde Valley Class Reunion Mini-Yearbook booklet, Clarkdale and Jerome High School, 26 pages, B&W photos of attendees, list of addresses. Earliest graduate present from 1917-Blanche (Jolly) Lewis, attended by 560 people, teachers, activities, poems, and an alphabetized directory. Material-paper, cover is metallic gold color with black printing a features a drawing of the Clarkdale Smelter. The mailing cover is address to Charles Yates of Cottonwood. There is no writing or inscriptions made inside. Condition: good, some yellowing around edges due to age 2011-25-4 Archive Box 8, Basement Storage Vault 2012-39-10 Library Box 13, Basement Storage Vault 2014-14- Archives Box 11, Basement Storage Vault 2014-42-34 Archives Box 12, Basement Storage Vault	May have been accessioned and duplicates disposed in accordance with yearbook policy
485 cont'd	E: Yearbook from Clarkdale High School, "Alchemist 1945." Donation receipt is from Frank P. Krznarich. There are no inscriptions written inside. Condition: fair, the binding is slightly split, worn on edges 2014-42-6 belonged to Mike Krmpotich; Many inscriptions can be seen in the front and back of the book, as well as autographed photos.----- Annuals Box 1 Best Collection, Basement Storage Vault. Condition: Fair 2015-69-01 Annuals Box 1 Best Collection, Basement Storage Vault- Worn on the edges, intact. F: 8.5"x11" 1931 Alchemist yearbook, Clarkdale High School. Material-hardbound navy-blue cover. There is a hand written note by Lynne Brownd, listing: Russell (R.G.) Brownd, Paul Brownd, Gladys & Fred Waechter, Thelma Waechter (daughter), Gladys passed away at 96, Thelma is 80. Gladys was the oldest of the Brownd children. They worked in Jerome in the early 20's and again in the early 30's. There are 31 students in the Senior Class, among them : Elsie Jordan, Arl Rangle, Geraldine Young, Edna Thompson, and Dorothy Wombacher. This yearbok includes 7th and 8th graders. Condition: good. ----2008-056-09 1931 Alchemist is the yearbook for Clarkdale High School. This yearbook belonged to James R. Howard, but I dont' find a student by that name listed. 2008-056-10- smelter room bookshelf 2009-054-001 condition: fair--no location listed 2010-182-3 ---Very good condition. Annuals Box, Basement Storage Vault 2016-07-03 Annuals Box 2 Leftovers & Duplicates, Basement Storage Vault	May have been accessioned and duplicates disposed in accordance with yearbook policy

485 cont'd	inscriptions. Condition: Excellent 2008-138-01 water and mold damage in center top of book all the way through. School display main room H: 1953 Hilltopper yearbook for Mingus High School, Clarkdale, Az. no inscriptions. Condition: good, pages slightly discolored due to age. 2008-160-01 This is a two page copy of part of 1953 2012-75-1 ----Handwritten on the inside cover is "Robert L. DeVault, Box 554, Clarkdale". Page 4 of the yearbook has a photograph of Robert L. DeVault and a dedication to him by the Senior Class of '53. Library Shelf, Entry Hall I: 1954 Hilltopper, the yearbook for Mingus High School, located in Clarkdale, Az. no inscriptions. Condition: good, pages slightly discolored due to age. 2012-30-1 Robert L. DeVault, husband of the donor, is pictured on page 6, and listed as teaching Boy's P.E. and Social Science. Library Box 12, Basement Storage Vault	May have been accessioned and duplicates disposed in accordance with yearbook policy	Yearbook Box
486	1992 Typed Reunion Letter sent by Preston Heinle to the graduating class of 1942 asking for life information, current photo (page 1) , and program about the reunion (page 2) and a list of classmates names with addresses and phone #'s (page 3). Note: This copy has more or different information than the one printed in the reunion book-see TOC 485A, page 7. 2 train tickets are attached, from Arizona Central Railroad, dated May 29, 1992 for the Class of '42. Condition Good	not yet accessioned	TOC Room
487	Newspaper article titled: Clarkdale Homecoming, about 1942 class reunion (50th), circa 1992- 6.25"x3.5" photo of 25 men and women sitting on steps in front of ____ (which building is this??)_____	not yet accessioned	TOC Room
	Keep the newspaper photo. The photo was reprinted into the reunion book-see TOC 485A. The reunion book (see page 8) listed the names of the people standing on the steps. The newspaper photo is actually a better copy. Condition: fair (note: attached is a list of names with only partial info on some addresses. This can be discarded.)		
488	8.75"x5.5" B&W Photo, original, labeled 1941 Lettermen's Club, with 32 boys and 1 adult male.---I did not find anything in archives. Condition: Good	not yet accessioned (may be missing	MISSING
489	10"x7.5" B&W Photo, original, labeled 1940 Clarkdale High School Sophomores, appears to be the entire sophomore class. Condition: Good. there are creases in the bottom part of the photo	not yet accessioned (may be missing	MISSING
490	a 50th Reunion for the Class of 1935 Clarkdale High School. The letter is 4 pages (2-double sided copies) with details of the event and listing the classmates names asking "Do you know where they are?". Envelope attached is addressed to Charles Yates. Condition: good	not yet accessioned	TOC Room
491	C: (1) 5"x3.5" B&W photo reprint, train roundhouse, appears to be under construction due to piles of debris, a train track leading to the building appears in the forefront. NOTE: (found another photo (2009-112-001) titled: view towards Cottonwood, Clarkdale Roundhouse showing roof that was raised in 1940)	not yet accessioned	TOC Room
	D: (1) 5"x3.5" B&W photo reprint, Clark Mansion , on back is written "Fort Yuma" (????). This photo is likely early era-before fire, shows the front of the house, driveway, 3 car garage, the front of an old truck---60's Chevy?, possibly a work truck inside the garage, freshly landscaped. Circa 1970's. Did not see anything in archives.		
	E: (1) 6"x4"B&W photo reprint, House, with "1114" number. a yellow sticky on the back says "eclectic". This is a 1st South St home. Did not see anything in archives. Cindy Emmett said this was Barbara DeVault's house.		

492	12"x14.5" Certificate for George Christensen from Desert Caballeros, Out Wickenburg Way. Description George rode 103 miles on horseback in 3 1/2 days, 1952. Signed by Bob White, President. Material is light tan leather 1/8th inch thick, with leather tied border made with 1/2" straps. The lettering is dark brown. Attached to the top is a silver concho, in the shape of a badge, with wording "Deputy Ranger Verde Valley". At the very bottom is a signature "George". Found the following info about George Christensen and his wife: George lived behind Sue Hill's house in 1950's on 1424 First South. He died in 1990's. Each pencil says, "Geo. Christensen; Standard Oil Products' Clarkdale, Arizona. 2008-031-01 Newspaper clipping, The Verde Independent, Cottonwood, AZ, August 6, 1959, article titled "Mrs. Cummings Resigns From Post." States that Mrs. Sam Cummings, president of executive board of Clarkdale Woman's Club, resigned July 27. Mrs. George Christensen became president 2010-222-8. Condition: good, there is a 2"x2" area at the bottom right, possibly haze of white due to moisture.	not yet accessioned	check
493	10"x1.75" Name Plate for Dorothy Benatz. Material-sturdy plastic, dark brown in color, names is engraved in white lettering.	not yet	TOC Room
494	3.75"x8.5" Tri-fold, full colored brochure titled: Clarkdale, in Arizona's Verde Valley a relaxing change of pace. The center cover photo is a painting of the gazebo (in park?) with a flagpole flying the USA and AZ flags. Produced by the Clarkdale Chamber of Commerce and the Town of Clarkdale with a grant from the United States Department of Agriculture, Forest Service, Prescott National Forest. Photo-images: David Boles, Design: Ellie Bauer. Did not find this brochure in archives. Condition: Good	not yet accessioned	TOC Room
496	9"x12" Folder titled: Discover Yavapai County Arizona, The Clarkdale Connection. Inside pockets contain: Clarkdale statistical data on population, industry, education, recreation, utilities, transportation, housing, religion, medical care, topography, a zoning map (dated as of 6/30/89), and a two page community profile. Material: professionally designed folder and contents. Condition	not yet accessioned	TOC Room
497	Newspaper Obituary Jerry F. OBrien, 78 of Clarkdale, 7 paragraphs about his life including a photo in the obituary. Published in The Verde Independent, December 3, 2003. Condition: Good Per Jerry Wombacher – Jerry Obrien lived down in poverty flats, at old bridge turn north, his house was on Rincon, sat in house during the 1993 – 100 yr flood- playing cards. “We are staying here all night, when the house goes we go” Continued living there after cleaning up...(probably buried in CD???) ..was superintendant in Page or Tuba City, sister was a nun, graduated b 1925, graduated in 1943? Went into service, Brother name Steve, would return to CD – Per Jerry, “In our heart we never left”.	not yet accessioned (missing??)	MISSING
499	There are multiple copies--I grouped them together: A: Spiral bound, 86 page Historic Resource Survey of Clarkdale dated 1989 prepared for the town of Clarkdale and completed by Don W. Ryder, AIA Architects, Inc. This survey was funded by matching grant from the Dept. of the Interior under provisions of the National Historic Preservation Act of 1966. It is a study of the construction, development, architecture, social history, and historic significance of this model company town constructed by the United Verde Copper Co. prior to World War I. It covers methodology, description of the town of Clarkdale, historic background, historical significance of Clarkdale, architectural significance of Clarkdale, survey results and acknowledgements in addition to bibliography. Condition: Good B: There are 2 additional versions-loose one-sided papers. Labeled as Historic Resource Survey “originals”. One of these has taped Xeroxed photos on each page, the ones used when Xeroxing the survey. Those are very fuzzy printed copies. THESE ARE COPIES OF SURVEY WE HAVE IN ARCHIVES: 2008-023-01 Condition: Excellent - Location: none listed 2011-22-1 Condition: Good -Location: Library Shelf, Entry Hall 2011-22-2 Condition: not listed - Location: Library Shelf, Entry Hall 2015-58-01 Condition: Good - Location: Library Box 13, Basement Storage Vault	not yet accessioned	A: ARCHIVE OFFICE B: TOC Room

T C #	Item	Notes	Inventory Status 11/26/23
500	Full page newspaper article about the smelter closing, <i>The Arizona Republic</i>, dated 05/28/1950. Condition: poor, paper is fragile We have these copies in archives: 2009-137-001 Condition: Good - Rolled Storage, Top Shelf, Basement Storage Vault 2012-48-6 Significant deterioration at page folds (one vertical, one horizontal). Map File Drawer 7	List says already incorporated into existing copies; check this	Check
501	6"x9" Booklet titled: <i>A Guide to your Holiday on Oak Creek</i>, Copyright 1950 by Elisabeth W. and Edward H. Peplow, Jr. of Clarkdale, published annually, 56 pages. The cardstock cover is tan, with cartoonish design of the area (topical), including fishing, mining, Indian's animals like deer (2 look like moose--in AZ?), printed in red, dark green, blue. The price was 50 cents. Contains articles of historical interest and interesting read from the perspective of the 50's: Pg 23, mentions Verde Valley income derived from the smelter until it's closing June 6, 1950 ; Pg 24, about Clarkdale Pg 25, about Cottonwood Pg 31, about Tuzigoot Pg 43, about altitudes of Clarkdale, Mingus Mountain, and surrounding areas. Pg 51-56, Business Directory, includes businesses from Cottonwood, Jerome, Clarkdale. Condition: good Jerry Wombacher input - Elisabeth Peplow, Daughter of Episcopalian minister (Robert Webster), organized youth group to fish hatcheries in Page Springs, fished below for hours, Mingus Mtn picnic.....took kids out to Sedona filming of movies. About 1950's.	not yet accessioned	TOC Room
503	5.5"x8.5" 1984 Verde Valley Class Reunion Mini-Yearbook booklet, Clarkdale and Jerome High School, 26 pages, B&W photos of attendees, list of addresses. Earliest graduate present from 1917-Blanche (Jolly) Lewis, attended by 560 people, teachers, activities, poems, and an alphabetized directory. Material-paper, cover is metallic gold color with black printing a features a drawing of the Clarkdale Smelter. The mailing cover is address to Charles Yates of Cottonwood. There is no writing inside. 2011-25-4 Archive Box 8, Basement Storage Vault 2012-39-10 Library Box 13, Basement Storage Vault 2014-14- Archives Box 11, Basement Storage Vault 2014-42-34 Archives Box 12, Basement Storage Vault TOC # 485 Box 14-Item D Condition: Good	Already accessioned (?) If not, we have enough copies	Yearbook Box
504	Bruce Babbitt as governor of Arizona who served from 1978 to 1987) Material paper. Condition: fair, pages have tears where it's been folded	not yet accessioned	TOC Room
505	6.5"x9.5" Booklet titled: <i>The Journal of Arizona History</i>, Autumn 1971 - Volume 12 - Number 3, pulished quarterly by the Arizona Historical Society Tucson. On the cover is a Victorian Gothic school house, photo taken at Florence in the late 1880's. The article of interest is: <i>Railroading in the Verde Valley 1894-1951</i> by Russell Wahmann, 13 pages. On the inside cover is a signature of Russ Wahmann, May 1974 (he authored the article). Condition: good, but yellowing	Already accessioned (?)	Check
506	7"x 8.5" Booklet entitled "Lt. Col. J. Francisco Chaves and the 'Chavez Trail'" by Jim Byrkit, 29 pages, copyright 2001. The author makes use of many historical documents to describe the complex history of the routes explored, and not explored, by Lt. Chaves in central Arizona. The task is made more difficult because original place names have changed many times in the course of history, but Byrkit relates them to present-day locations for the reader. Maps showing the various routes and a bibliography are included. The route is from Stoneman Lake to Beaverhead to Montezuma Well to Camp Verde to Prescott. A note on the inside cover says "Donated by Jim Byrkit, 3/13/01". Condition: Excellent	Accept - Accession - put with other one in archives, add as a 2nd copy to 2016-52-07	Check
507	6.5"x9.5" Reference book titled: <i>A Dictionary of the Old West</i> (The language of cattlemen, frontiersmen, scouts, cowboys, gamblers, and other characters in the colorful period 1850-1900), by Peter Watts, 399 pages, copyright 1977, hardbound cover. A collection of western words and their definitions. Condition: good	Accept - Accession, put in office library DONE	Reference Library

- 508 2 Wool Caps for Arizona American Legion, Post 25. Listed below: not yet accessioned TOC Room
A: 25 Years. It's very navy blue (or black) with yellow, green, and blue embroidering. Inside the cap is the name W.S. Connor
Condition: fair, 9 small moth holes
B: This only has (Post number) 25, is black with yellow, green, and blue embroidering. Inside the cap is the name Connor
Condition: Excellent
In our archives, found this historical info on the Connors:
2014-33-1 An 8 x 10 portrait photograph of William S. (Bill) Connor. Bill owned the Connor Ettinger Newsstand on Main Street,
- 509 Wool Cap for Arizona American Legion Auxiliary, Post 25. Inside the cap is the name Margaret Connor (so very faint, I had to look not yet accessioned TOC Room
at it in bright light). The cap is very navy blue (or black) with white, blue and yellow embroidering. Condition: Excellent
In our archives, found this historical info on the Connors: Connor & Ettingers was a soda fountain/bar with pool tables where
current bar is today. Bill Connors died in 1948 at the age of 57. His widow, Margaret Connor became the postmistress of Clarkdale
and lived to be over 100 years of age.
- 512 Xeroxed copy of article titled: Clarkdale: Million Dollar Town, pages 45-53, by Janet Ball. Post 1989 -date unknown - but credits not yet accessioned (maybe MISSING
cite a 1989 article. Publisher: unknown Condition: Good missing)
In our archives is another article by Janet Ball but different title:
2011-73-3 Arizona Highways magazine, July, 1998. Included in this edition is an article entitled, "The Town That Saved Itself:
Clarkdale" on pages 39 through 43. The magazine's Table of Contents lists this article as "History: Recycling a Smelter Town.
Library Box 9, Basement Storage Vault
- 513 Report titled: The Skeletal Remains of Tuzigoot, by Helen Forsberg, Appendix B, pages 112-119, material: mimeographed copy of Reference Library
original typed pages. Dated 1935. These pages describe the 429 burials uncovered in the course of excavation. Condition: good,
pages yellowing with age. This is part of the complete report we have in archives:
2017-39-1 Book with brown cover. Measures 8-1/2 by 11 inches. Title: Tuzigoot: The Excavation and Repair of a Ruin on
the Verde River near Clarkdale, Arizona. Authors Caywood and Spicer. Dated July 1935 119 pages. Former Clark Memorial Library
book. Inside the cover is and ACKNOWLEDGMENT: The cover and binding of this report were made possible through help provided
by S.E.R.A and E.C.W. at the headquarters of the Field Division of Education, National Park Service, Berkeley, California 1935
Accessioned (2021-4-1).
NP to put in Reference
Library.
- 514 period from this date forward until cancelled by Albert V. Ryer or Sylvia Mae Ryer Callahan or their heirs. (note: items a-d not not yet accessioned (maybe Two photocopied
accepted) missing) E- 5.5"x3.25" B&W, Xeroxed copy of post card labeled: #5 Upper Townsite- postcards: 1)
Clarkdale, on the mesa looking north on (?hard to read: on Indian Residences St.??), circa 1920's. I am not sure why this is in the Train station;
Dickinson Family folder?? The picture is a row of at least 6 houses on the left side of street, showing partially the right side of the 2) Upper Town
street with 3-4 houses, at the end is large building. The street appears to be dirt. It does not appear to have sidewalks of the left w/handwriting
side of the street. Handwritten note on the back says "where I was born" (maybe signed by Jeff Lee (a Dickinson?- not totally
legible) but goes on to say "the west side of the Big Store, Bank, Theater, Barber shop, Pool Hall....." Condition: good, fairly clear
Xeroxed copy
- 515 Church a Credit to Clarkdale, It was printed in the book (below) entirely except for the last paragraph "He is greatly pleased with not yet accessioned TOC Room
the quality of work that is going into the building and with the speed the contractors are making. It will be a proud day for the
faithful priests of the parish when the new church is dedicated, probably late in September or early in November. Bishop Granjon
of Tucson blessed the new church in October." circa 1920
- Additional note is hand typed which says "The research I did in the records at the Diocesan Center indicates the following: (lists 5
items beginning with property leased in July/August, 1920 by Bishop Henry Granjon, 1953 part of the Diocese of Gallup, 1961 land
gifted by Clarkdale Realty and Priests appointed 1970. 1974, 1977." No identifying info "who" did the research

517 (no 516)	a-2 B&W photo reprints of 2 bowling lanes b-Xerox copy, titled: <i>Bowling Club with 12 young men holding bowling balls (is in a yearbook) , staged on 2 bowling alleys. Names listed: W. James, D. Rumbaugh, P.James, J. Runge, Clyde Hance, Carl Hance, R. Gussman, J. O'Brien, F.B> Foley, G. Pesterfield, J. Krmpotich.</i>	not yet accessioned (item b is a copy of a photo we may already have in a yearbook [what year?])	a) in TOC Room; b) MISSING
521	TWO - 10.75"x16" Report titled: <i>Healthcare Then & Now, by Northern Arizona Healthcare.com, date 2001, total pages 25 (double sided).1/8th inch thick.</i> <i>The following are interesting articles and vintage photos that would be of interest:</i> <i>Page 5: Apache birth practice recalled by Clara Jackson, an elder from Clarkdale. Midwife listed from Cottonwood, Antonia Moreno Simpson</i> <i>Page 9: 15 Soldiers and Minors, mentions 15 year old Mattie Leye, another pioneer in the history of healthcare in the area began her career as a nurse during the epidemic, taking care of patients in Clarkdale during the 1918 influenza pandemic.</i> <i>Pages 12-14, fold-out timeline of Verde Valley Medical Center from prior 1939-</i>	not yet accessioned; return second copy to TOC	one copy only in TOC Room
522	Aerial view of Clarkdale town and surrounding area (11x14 print and lg negative). 1955. Scott Engineering Co. Print has a number of tears. Nine more recent photo prints (11x14) that appear to be segments of the larger aerial view. Good condition	not yet accessioned	TOC Room
523	11x17 poster ads for: a-Clark Memorial Clubhouse 72nd Anniversary Celebration Open house, October 16, 1999. b- 73rd Anniversary Celebration Open house, 21 Oct 2000; c- 70th Anniversary Celebration Open house, October 18, 1997 Condition: Good	not yet accessioned	TOC Room
526	12.5"x15.75" Red envelope with the following contents: A: Certificate of Appreciation presented to The Staff of the Town of Clarkdale in appreciation for Preserving & Protecting Clarkdale's Holiday Traditions, Christmas 1992, Signed by Vice Mayor Janice Benatz. Mounted in a 14"x11" frame made from thick cardboard, gray in color. In the upper right hand of the frame is a handwritten note in silver ink: "1958-59 / 1992, initials Redo (?) JB & DW" along with simple drawn scrolling. Condition: good B:14"x11" B&W glossy photo of the inside of the Clark Memorial Clubhouse Ladies Lounge. It's a large sitting/social room, with double doors. There are multiple chairs and tables, with a floor lamp. There is wall-to-wall carpeting in the room. The windows are draped with drapery and sheers covering the top of the windows to the floor. Condition: Good C: 10"x8" colored photo of Town Hall. There is a very large Santa Clause roof top decoration (approximately 10-12 foot tall) advertising "Clarkdale Wishes You Happy Holidays. Mounted in a 14"x11" frame made from thick cardboard, gray in color. In the upper, left, and bottom of the frame is a handwritten note in silver ink: "Clarkdale 1992" with scrolling. Condition: Good	not yet accessioned (Item C maybe missing)	TOC Room

527	(Pat Fairfield, donor. No date on Deed of Gift form) a- Weather logs: 1- 3.5"x6" Original Clarkdale Weather Bureau Log of Seasons, beginning year of 1924 thru March 1928. Each year is a one - two page summary with the following information: Last killing frost, max temp for year, most rainfall in 24 hours, total rainfall for year, first killing frost, max wind. The last logged information is dated March 16, 1928 Last killing frost 31 degrees. Material: hardcover with leather cover, color tan Condition: fragile. The exterior spine has deteriorated and no longer holds the top and bottom covers together, the exterior leather cover is separating from the hardcover and has water stains, the pages are separating, the pages are aging. 2- 3.5"x6" Original Weather Bureau, United Verde Copper Co., dated November 16, 1923 thru November 15, 1925. This is log book with the following weather details: Rain, Max & Min (temperature highs and lows), Humidity levels a.m. and p.m. Cover Material: hardcover with leather cover, color brown. Condition: fragile. The exterior spine has deteriorated and no longer holds the top and bottom covers together, the exterior leather cover is separating from the hardcover, the pages are aging and dirty page edges (daily use). 3- 5.5"x8.5"x1" Original Weather Bureau, United Verde Copper Co., date November 16, 1925 thru November 1, 1934. This is log book with the following weather details: Rain, Max & Min (temperature highs and lows), Humidity levels a.m. and p.m. Cover	not yet accessioned	TOC Room
527 cont.	b-Yearbooks: Clarkdale High School Alchemist, 1923, 1924, 1925, 1927, 1928 (2), 1929, 1930 (2), 1931 (3), 1932 (2), 1933, 1935, 1951	Yearbooks processed per CHSM policy; dispose of remainder	Yearbook Box
529	7"x5" B&W glossy photo, re-print. Shows close up shots of 2 boats on Peck's Lake with mountains and 2 smelter stacks in background. Condition: GOOD Found in archives some info about what the (above photo) could be related to. This photo is different...2013-3-10 Photocopy of a snapshot of the boat races on Peck's Lake, about 1930.	not yet accessioned	TOC Room
530	7"x5" B&W matte photo, reprint, of 14 young men in a band on a stage. In the center is a large round sign (approx 3 ft in diameter) which says "Clarkdale" on the top, and "The" on bottom (the rest is covered up. On the backside is labeled: "AHS#99571 Courtesy: Arizona Historical Society / Tucson. Condition: GOOD	not yet accessioned	TOC Room
531	5"x7" B&W glossy photo, reprint, inside of the UVCC smelter at Clarkdale. In the center is a very large metal pouring bucket suspended from a hook (crane). There are 3 men standing in the aisle. It seems very smoky inside this building. In the lower right hand corner, white lettering, is possibly a photo ID # "399" Written on the backside is "dup" with the #J(?) -78-7-41". Condition: Good	not yet accessioned; note: J-78-7-41 sounds like an accn# for Jerome SHP, therefore, there may be restrictions on use.	TOC Room
532-533	532 & 533 are apparently duplicates of 522 & 523		
534	a-Xerox copies (n=2) of poster (11x14) celebrating Az Archives Week at Clark Memorial Clubhouse on 17 Oct 1998 b-An extra xerox copy of the drawing of the Clubhouse that appears on the poster. c-an abstract summarizing the day's activities by the Chair of the Clarkdale Heritage Conservancy Board. Condition: Good.	not yet accessioned	TOC Room

537	A: Obituary for Lee G. Snyder, 85, fell down a flight of stairs, burial in Clarkdale Cemetery, page 8. Did not find obituary in archives, but found this piece of information about Lee Snyder: 2016-04-01 Antique gold pocket watch that was carried by Lee Snyder and saved his life during the 1928 robbery of the Bank of Az (Main Street, Clarkdale). The watch is dented in the back by a bullet's impact. The face of the watch is smashed and broken. The post and ring on top is slightly sloping. No maker's name/mark is on the watch. Lee Snyder was the paternal grandfather of the donor. B: Obituary Martha L. Davey, age 92, former Clarkdale postmaster, lived there since 1915, member of St. Cecilia's Catholic Church., page 8. Did not find this in archives. C: Cover page articles titled: Snow Sets Valley Record and Heavy Storm Damage in All Valley Areas, The articles span pages 1, 6, 7, and 8. Photos included in the articles are labeled : Cherry Wombacher, Willard building collapse, collapsed hangar at Clemenceau Airport-eleven airplanes were crushed. Condition: GOOD	not yet accessioned	TOC Room
538	unknown. Pattern includes floral and scrolls. Materials: onion skin and brown paper. Sizes: one is approx 8 ft in length, 26.75"x26.75", and unknown about the others, did not open them due to fragile condition The only identifying notes found (written on the paper): "Eleanor" and "Start of the 2nd Blue" Condition: fragile, there is charcoal like flakes and markings.....it's powdery like charcoal, I don't know that it is mold? Does it smell moldy? Did not find in archives.	not yet accessioned; may need to check for mold before accepting	TOC Room
539	Photos of barbershop quartet: a-11"x14" B&W glossy photo of a men's quartet, unknown date; 4 men standing on a stage, white shirts, wearing black pants, black suspenders, black bow ties, black armband and white hats. Below the stage is a man playing the piano, wearing a white jacket with black arm band and a white hat. b-six b/w prints of men's quartet (8" x 10"). Reverse: Photography, Dave Newman. c- Seven color prints (3.5" x 5") of men's quartet performance at Clark Memorial Clubhouse. Pics date stamped 25 Aug 1991. Condition: good. Did not find in archives	not yet accessioned	TOC Room
542	Two - 8.5"x11 sheets of letterhead paper for: Office of the Superintendent of Schools Clarkdale, AZ. The following names are listed. Donald O. Ensign-Superintendent, Ronald Jenkin-Principal High School, V.D. McArthur-Principal Elementary School, and Board of Education (J.W. Byrkit-President, H.D. Crawford-Clerk, F.W. Denny-Member) Googled info on Ronald Jenkin. In 1950 he was Principal of Clarkdale High School, then in 1952 went on to be Superintendent. Condition: good, the paper is slight yellowing due to age, some tiny black specks (likely from photocopying process.	not yet accessioned	TOC Room
543	Photocopy, 8.5x11" sheets of paper contains a Xeroxed copy of a 3 page letter written to: Report to City Council, 6-13-78, signed by Mrs. Edie E. King, Pres. Board of Trustees. The letter pertains to the "History of Library - Clark Memorial", beginning in 1927 telling about Senator Clark's Will designating \$3,000,000.00 for building and \$300.00 per month for the purchase of books, thru the transfer of ownership, through 1960 quit claim deed given to Clarkdale, and info on adding 102 books with emphasis on Arizona Collection, issue 1536 books to patrons, with a total 11, 640 books in the library. Condition: good	not yet accessioned	TOC Room
545	A: Typed, Itemized information categories: 2 paragraph introduction of Senator Clark's intention, Acquisition by the Town of Clarkdale, Past Improvements and Repairs, Use, Present Condition, Solution. Date is handwritten "Feb '88", 2 pages. Condition: Good B: Typed, titled: Clark Memorial Clubhouse, date after 1988, 2 pages. Explains William Andrew Clark's history (briefly), about the Spanish Colonial Revival architecture, opened in 1927, owned by United Verde Copper Company until 1935, then Phelps Dodge Corp. until 1968 being deeded to the Town of Clarkdale. Then tells of the 1983 "enthusiastic group of seven men and women" being appoint for the restoration project. Condition: good C: Clark memorial Clubhouse Roofing Project, one page, typed. This is a request for people to buy a roof square for \$300.00, needing a total of 97 individuals or organization to buy squares. Condition: good	not yet accessioned	TOC Room

547	11"x17" Color photocopy of wall calendar, dated 1958, by Selna's "Complete Food Stores" Clarkdale and Cottonwood. Since this is a copy, the only page of the calendar is January 1958. There is a 7.5"x9.5" color photo of red fall leave on the trees, next to a body of water. Condition: Good.	not yet accessioned	TOC Room
548	17"x11" (x2) B&W photocopy of advertisement for Selna's Complete Food Stores – Jerome + Clarkdale, from page 3 of the Verde District Shopping News, August 19, 1938. This is a full page advertisement listing food items and prices, (ie Milk-3 tall cans-19 cents, Bacon-per pound-38 cents, Toilet tissue-3 rolls-13 cents, Salmon-2 cans-25 cents). The advertisement is copied onto 2 pages, probably could be recopied to one page, maybe reduce the size. Condition: Good	not yet accessioned	TOC Room
549	11"x17" Color photocopy of wall calendar, dated Jan 1980, for The Black Hills Restaurant, Maggie & Fred Hess. Condition: good.	not yet accessioned	TOC Room
550	17"x11" (x2) B&W photocopy "Valley Briefs" , from page 4 of the Verde District Shopping News, August 19, 1938. This is a full page beginning with a few want ads, then goes into the Valley Briefs about Clarkdale residents explaining their names and where-a-bouts on vacations and other places they have visited. Page includes ad for T. F. Miller Co.'s "Country Gentleman Corn". Condition: Good.	not yet accessioned	TOC Room
551	8.5"x11" Clarkdale Hotel, Clarkdale Arizona, letterhead stationery, no date, no address. This is a blank letterhead sheet of paper. Condition: slight discoloring due to age	not yet accessioned (maybe missing)	MISSING
552	8.5"x11" full color overview titled: Clarkdale Tailing - Natural Soil Cover, by Phelps Dodge Corporation. double-sided paper, dated March 2006. This overview explains work to be done by Phelps Dodge Corporation to revegetate soil cover with no golf course on top. There are three views, each 6"x1.25", labeled "Current View", "During Preparation (simulation)" and "Mature Vegetations (simulation)". Page 2 is a question and answer about environmental concerns, length of time, dust during construction, and if there ever could be a golf course built at this site. Condition : good Found these in Collection that are related. 2015-32-03 Phelps Dodge proposes to develop a plain of toxic mine tailings into a golf course near the Verde River, in this article from the New Times. This article details the controversy surrounding this plan and the considerable environmental factors. 03/21-27/1996 Map File Drawer 2	not yet accessioned	TOC Room
553	11"x17" Parking Study "Bulb Outs" - 44 Spaces Titled: Town of Clarkdale, by RNL Design, 3 pages, dated 4-6-2000. The architectural drawings are of Main Street, between Ninth and Eleventh Street. Condition: good, on left hand side is a 1"x3" dark water staining all 3 pages, but not effecting the design work.	not yet accessioned	TOC Room; note a larger rolled copy exists TC# 9xx
554	Letter sweater from Clarkdale High School of Verbon F. Yates from class of 1948. This burgundy wool sweater is Wooly Wer from Utah Mills in Salt Lake City. On the left side, there is a large letter C with three bold bars and a football and baseball and a 5-point star. On the right is a white hand-stitched label with Verbon's. Left sleeve has a wolverine head patch at shoulder. Right sleeve has one 5-point star patch, one football patch and a baseball patch. This cardigan sweater has traditional five button front with all buttons present (made of maroon plastic). Found photos of football teams that are related or possibly related to Verbon. Relevant info: 2010-050-001 8 x 10 b/w photo of 1946 Clarkdale Wolves High School football team . Coach John Goodwin, Co. Captains Tom Barragan, Bobby Russell Team: Verbon Yates*, Photo Box 1 2017-43-1 Transcript of oral history interview of Verbon Frank Yates on 25 Oct 2017, by Dinah Gemmill. Archives Box 16,	not yet accessioned (in large box on top wire shelf)	TOC Room, in box on top shelf

555	Two 1942 graduation items for Charles Leslie Yates: below #A-#B: A - 9" by 6.50" graduation diploma of Charles Leslie Yates from Clarkdale High School, dated 1942. It is in a maroon felt soft folder. Gold lettering on front flap says: "Clarkdale High School Diploma of Graduation" with name Charles Leslie Yates in lower right corner. Diploma (7-10/16"x5-3/4") inside is stuck into bottom pocket of sateen lining, shows date of May 28, 1942, and is signed by G. B. Jones, superintendent, W. Jurim President Board of Education, JW Byrkit Clerk Board of Education, MF Fowler, Board Member. B- 4.50"x6" graduation announcement for Clarkdale High School dated May 28, 1942. Inside is a small card (2 x 3-1/2) with the name "Mr. Charles L. Yates". Condition: Good	not yet accessioned	TOC Room, in box on top shelf
559	Brown rolled wrapper labeled: 1937 and 1939 Smelter Reduction List - includes four ledger sheets, original papers. These are listed below #A-#D: A-19"x20" ledger sheet titled: August 1939 Men Laid Off, includes 70 names, Smelter # B-19"x20" ledger sheet - 32 Names - Smelter # - Date Employed - Live in Co House?(y/n) C-19"x20" ledger sheet- 69 Names- Smelter # - Date Employed - Live in Co House (yes or no)-Applied for Co House (date and address) -Arrears (\$) - Credits (\$) D-19"x20" ledger sheet- 69 Names- Smelter # - Date Employed - Live in Co House (yes or no)-Applied for Co House (date and address) -Arrears (\$) - Credits (\$) Condition: stable, yellowing due to age. I would suggest these being opened and laid flat. Box - Shelf 4 of 6 in the map storage	not yet accessioned	TOC Room
560	8.5"x8" Star Interest Tables, hardbound black leather book, stamp inside front and back cover "The Bank of Arizona, Clarkdale Arizona", 371 pages, copyright 1939, by Robinson Interest Book Co, Chicago, Publishers: The Twentieth Century Company, 542 So Dearborn St, Chicago. Daily interest rates from 2% to 10%. from 1 to 365 days, out to 5 years. Condition: Fragile, The cover at one time had been folded in half-although it is still in one piece, the book binding has separated from the pages, there are a couple of loose pages, looks like it had been well used.	not yet accessioned	TOC Room
562	CD of 51 photos, .jpeg format, labeled Clarkdale owned photos from the 2006 calendar. The CD is inside a plastic CD case. Condition: Excellent In our archives we have calendars for 2005 & 2007 and two digital scans of photos from 2006 calendar: 2010-027-001 10 x 8 2005 calendar with full color cover featuring the old post office, now the county offices. Calendar has color photos of architectural details around the town of Clarkdale AZ. Archive Box 1 2010-026-001 2007 11 x 8 Calendar featuring the historic b/w photos of the town of Clarkdale AZ. Cover is photo of Clark Mansion with car and Clark's grandson posing in front. Archive Box 1 2013-26-1 A list of descriptions for all the historic photos on the 2007 Clarkdale Calendar. This calendar was accessioned as number 2010-026-001. The descriptions give names of persons in the photos used in the calendar, as well as the smelter scenes, trains, and old Clarkdale. In addition to this archival copy of the list, another copy is filed with the Calendar in Archives Box 1. Archives Box 12, Basement Storage Vault	not yet accessioned; digital photos should be saved and accessioned	TOC Room
565	Negatives and prints of Clarkdale	not yet accessioned; photos and negatives should be scanned	TOC Room

566	<i>Miscellaneous papers from Clarkdale Woman's Club:</i> <i>A-In Appreciation (with signatures)</i> <i>B-Program Flyer titled: 21st Annual Conventions of the Northern District of the Arizona Federation of Women's Clubs, dated November 2-3, 1937</i> <i>C-Newspaper clipping titled: Clarkdale Club Opens Season (Woman's Club)</i> <i>D-Reciprocity Day Held by Kirkland Women-check names mentioned in article</i> <i>E-Layettes Completed for Crittenton Home-Clarkdale Woman's Club. Condition: Good</i>	not yet accessioned	TOC Room
567	<i>Small Stack of newspaper Obituaries..... to Penny. Condition: Good</i> <i>Box (originally) 15-sent only the obits to Penny to review.</i>	Accept - to Penny to review MISSING? Or were these already given to Penny?	MISSING
568	<i>Administrative History Material paper-trail for the renovation of the Clarkdale Heritage Museum Building, 3.5" 3- ring binder.</i> <i>Includes items such as correspondence, meeting notes, drawings and floor Plans, 1st Floor and Basement, created by Architecture Works Inc., date 11-20-2002, Scale 3/32"=1'0", re: renovation of Museum Building. Condition: Good</i> <i>Box Shelf 4 of 6 in the map storage room</i>	Accept - not yet accessioned	TOC Room (located 1-29-24)
569	B&W Photos of Clarkdale, some originals, some copies. Filed inside sleeves in 3.5" 3-ring binder, labeled Clarkdale Heritage Conservancy Original Photos. While there are xerox copies of images already archived in our Collection, there are some original prints that are not in the Collection	Not yet accessioned; notes on binder to review and scan photos to be accepted	TOC Room
570	<i>8.5"x11" Scorecards (likely from the Verde Valley Country Club golf games, material paper. Dates: 5/20/1987, 5/27/1987, 6/17/1987, 6/14/'987, July 15, 1987. Recognizable names (per Linda). Condition: good, but dirty from weather (maybe from the golf course)</i>	not yet accessioned	TOC Room
572	<i>Smelter B&W photos. Some original. Some reprints of images in our Collection.</i>	not yet accessioned; photos that are not duplicates should be scanned	TOC Room
573	<i>14 Photos, a variety, described below:</i> <i>A-8"x8" color photo of George Laukist and Louise Barrows dressed as King and Queen at renaissance, 1986 (did not find in archives)</i> <i>B-Verde Cafe (we have in archives: 2010-064-001)</i> <i>C-multiple B&W photos of town (will have to review later)</i> <i>D-5"x3.5" B&W original photo of Swimming pool behind (east) of Clubhouse looking south east (this is a view I have not seen in archives)</i> <i>E-1 man golfing by lake (have not seen this one in archives- found one similar (# 2011-9-15) but I would say is a different era due to style of golfing pants of the one in archives)</i> <i>F- 7"x5" B&W photo, reprint, of Anniversary Parade, July 4, 1982. There is a Ford Fire Truck in the foreground, marching veterans with flags, 3 cars follow behind them, to the left is a view of the crowd. The street sign in the photo shows "89 Route, Jerome Prescott with an arrow to the left.</i>	not yet accessioned	TOC Room

576	34" Pennant is on dark brown felt, across the center is yellow wording "Clarkdale", material felt. To the right of wording is a 7.5" diameter Indian in full headdress, material is leather. Date unknown. School unknown. Condition: poor - the leather has split due to age. The rest of the pennant is in good condition. It might be possible to have someone who works with leather do some minor repair work.	not yet accessioned	TOC Room
577	This box contains eighty-nine 22"x28" laminated and non-laminated poster boards. Most have cotton strings on the top to hang/display. The poster board material is flimsy. See below listed descriptions #A-#F: A- Classes 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958 (I did not see one for 1959). Displayed are individual photos, team photos and other miscellaneous photos taken from each yearbook. B-1996 Reunion Photos on 22"x28" white poster boards (n=6), non-laminated. Many of the photos (color) have names listed, but some do not. C-1942-1943 22"x28" non-laminated white poster board for Jerome Schools plus classic photos. D-1940 22"x28" non-laminated neon-orange colored poster board for Jerome Schools plus classic photos. E- 22"x28" non-laminated white poster board titled: This & That.	Return to ToC (original images all in CHS yearbooks that are in CHS&M Collection) with the exception of item B: Accept / Accession poster boards with 1996 reunion photos.	Item B only in TOC Room
578	8.75"x11" article titled: Clark Memorial Clubhouse Given to Clarkdale, dated July 29, 1968. This is original copy, color is sepia, page 26 from Pay Dirt (appears to be a publication about mining). In this 9 paragraph article is a description of how the Clarkdale Town Council held a special town council meeting on June 10th and accepted the gift from the Gulf States Land and Industries, Inc. The complex value was estimated in excess of \$250,000, the history of the clubhouse being dedicated to the employees of the United Verde Copper Company and their families, with descriptive details of the recreational facilities, and mentioned that "Linder reported, Gulf States' annual report had announced that due to changes in objectives of the company, the Clarkdale slag project	not yet accessioned	TOC Room
582	copper cup 6" tall and 5.25" diameter with 2 brass handles. The base is stainless steel, and attached to a dark brown wood pedestal, 5.5" in diameter. Condition: Good, there are no dents, but a few scratches and rub marks on the copper cup. the handles and stainless base show wear, the wood base is dried out and could use some conditioning.	not yet accessioned	TOC Room
583	Miller's Jerome 1938, Croation Fraternal Union 1939, Garrison's Ford's 39-40, Tuzigoot 40-41, U.V.X. Dairy 41-42, U.V.X. Dairy 42-43. The pedestal is a 7.5" diameter, very dark brown color, made of plastic. The riser is chrome color, 17.5" in height, decorated with three 4" bowling pins at the base. The top figurine, 4" in height, is a male figurine posed holding a bowling ball in his right hand. Condition: Good, the plastic base shows a few rub marks, the chrome riser is somewhat discolored and shows signs of wear.	not yet accessioned	In glass case in kitchen
587	Eleven Library Cards, size 5"x3", material manila cardstock, originals. Expiration dates span 1994-1995, includes name, address, age, signature. They are from residents of Clarkdale and Cottonwood. Condition: Good	not yet accessioned	TOC Room

588	TOC receipt #588 Report titled: A Gift Opportunity for I.D.D.A. (Indian Development District of Arizona), A Full Blown Industrial Park and Residential Facility. This is an original copy, dated 1968. The report is typed on 8.5"x11" paper, 10 pages, inside a plastic report cover and with a royal blue cardboard back, 3 hole-punched. *The forward indicates "The purpose of this hastily assembled presentation is to preliminarily ascertain the interest of those who must become involved in helping the opportunity to materialize." *Letter from M.O. Lindner to Henry Montague of I.D.D.A, dated September 10, 1968 offer of Clarkdale property. * Letter to Mr. Bud Linder from (Sgd) O.E. Whelan, Chief, of the United States Department of the Interior, Bureau of Indian Affairs, Phoenix, Arizona, dated June 5, 1968 *Letter to MO Lindner from US Department of Commerce, Austin, Texas, dated June 14, 1968 *Suggested Resolution by IDDA Board *Description of the land (briefly: 155 acres Land, 200,000 sq. ft. Factory Buildings, Residential to accommodate 60 families) *Multiple B&W photos (appear to be originals of: Clarkdale-commercial area, residential area-Patio Town and Lower Town) , industrial properties, office buildings, *Multiple Maps of the areas *Architectural Drawings	not yet accessioned	All items in TOC Room except architectural drawings; additional items: 1) smelter yard diagram,2) AZ Republic web page print of 5/7/1969 classified ad
588 cont'd	*Ledger sheet , original, listing of industrial area buildings-description of building, size, overhead clearance, elec. crane, construction, condition, basement elevators, office space. Labeled to John: AND SIGNED BY BUD " These are most of the usable buildings in the Industrial Area. They will require from very little repair on fair and good to very extensive on the Power House. However, dependent on the use, we could renovate to suit tenant. Gas, sewer, water and power are all available at the sites." *Newspaper clipping titled: Industrial Gift for Indians, from The Arizona Republic, dated August 3, 1968 *Gulf States Land & Industrial (MO Lindner, 8.5"x11" report all about Clarkdale, card stock material, 6 double sided pages, * Xeroxed copy of a Engineering Report Summary, dated March 19-April 5, 1935 to Phelps Dodge Corporation / United Verde Branch from Marsh & McLennan Inc. This report describes the various structures owned and operated by Phelps Dodge Corporation. Descriptions include: Clark Memorial Clubhouse, Clarkdale Clinic, Ice Plant, Boy Scouts Hall (Old Restaurant), Verde Hotel, Mercantile 903-921 on Main Street, Pay-N-Takit Store, Indian Mission, 283 Dwellings, Mexican Pool Hall and Barber Shop and Dance Hall, Jail, 38 Patio Apartments, and many more places. Condition: good	not yet accessioned	TOC Room
591	Two reports titled: Inspection Sheet for Exteriors of Dwellings, Garages, Wood and Coal Sheds, Coal Boxes, Fences, Yards for houses, Upper Verde Public Utilities Co. Clarkdale and Jerome, Adopted January 1, 1942. These are original copies, 8.5'11" sheets of paper, 9 single-sided pages. Each of the categories have multiple questions, such as for the House: Inspection of Chimney 1. Is there a stack on the flue? (and 10 more questions like this). Both copies are blank (they were not completed for any particular	not yet accessioned	TOC Room
592	*Participant names for the July 4th celebration of Clarkdale's 25th Birthday. The list is dated 1982, 8.5"x11" with 21 children's names, ages, and what part they are doing in the parade. Material is original paper. Condition: good, discolored due to age *Flyer for July 4th celebration of Clarkdale's 25th Birthday, 8.5"x11", original paper flyer for the weekend event's, lettering and design work is in dark blue. Condition: good, discolored due to age, repair tear at top of page	not yet accessioned	TOC Room
594	Brochure 11"x8.5" - Titled Clarkdale, Arizona, produced by Gulf States Land & Industries, Inc-Phoenix, AZ, total 8 pages, date circa 1980's. The front cover is an aerial view of Clarkdale, the back cover is an aerial view of Clarkdale County Club Golf Course and surrounding Pecks Lake, both are B&W with greenish tint. Material: lightweight cardstock. This advertisement about the area includes data about labor, plant facilities, taxes, resources, market growth, planned communities , historical info including Clark and Tuzigoot, housing, climate, surrounding areas. Condition: Good	not yet accessioned	TOC Room

596	<i>Cookbook, (handwritten date inside = 1924) Cover is grey-green in color and measures 8 5.5"x8.5" and it says Our Favorite Recipes on the front and has an ad for T. F. Miler in the center of page and at the bottom it says Community Cook Book. It was compiled by the ladies of the Methodist Church of Jerome and Clarkdale and the Ladies of Cottonwood, Prescott and Flagstaff communities of Arizona. Cookbook is 64 pages long. Only business still operating is Verde Floral. Condition: Fair, paper cover worn and faded; binding is torn; pages brown but intact.</i>	Add to already archived edition (2010-218-1) - DONE	See location of 2010-218-1 or 2008-035-01
597	<i>Manila envelope containing 2 appraisals and 3 city maps. The appraisals are dated 1971 and 1972, original papers. Descriptions below A-F:</i> <i>A typed, signed letter from Lloyd J Behrens Appraiser, Sedona Arizona, to the Town of Clarkdale, dated December 29, 1997, original. the letter mentions he had these in his files for 27 years and thought they might be of interest to some people to see about the future history of the city, he traveled to Page, Flagstaff, Williams, Winslow, Payson, Pinetop, Holbrook and did Indian Relocation, Sedona, Camp Verde, Cottonwood, and that he had been fortunate to see the growth of Northern Arizona.</i> <i>B-Appraisal Report 8.5"x11, by Geo. W Jackson and Lloyd J Behrens both from Sedona, date April 12, 1972, two pages. The appraisal is for Jerome Lodge #1362 BPOE, Highway 89-A, Clarkdale Arizona. Listed is: lot size, general condition, age, rooms, baths, valuation, septic system, exterior, interior, includes a drawing of the dimensions of the building. Total estimate of value: \$120,000.00. A handwritten note says "I worked with Geo. in 1971-1972. He was the top appraiser." Condition: fair, faded due to age</i> <i>C-Appraisal Report 8.5"x11" by Geo. W Jackson and Lloyd J Behrens both from Sedona, date August 24, 1971, two pages. The appraisal is for Mrs Geraldine Blan, Lot 2, Block 65, address 1511 Main St Clarkdale (faded--double check address). Listed is: lot</i> <i>D: 21"x15" Assessor's Record Map, Sec. 20 Twp. 16 R 3E, legend 1" = 100'. Includes Main St, 1st Street South, Sunset Blvd-from 9th St to 11th St. Stamped by Lloyd J Behrens Appraisal Service, Sedona Arizona. Someone has handwritten (possible) names of owners of buildings / homes on map. Condition : fair, faded due to age.</i> <i>E: 21"x15" Assessor's Record Map, Sec. 20 Twp. 16 R 3E, legend 1" = 100'. Includes 2 rows of housing on Main St (upper town), shows US 89A (at the By-Pass) to Cottonwood. Stamped by Lloyd J Behrens Appraisal Service, Sedona Arizona. Someone has handwritten (possible) names of owners of buildings / homes on map. Condition : fair, faded due to age.</i> <i>F: 21"x15" Assessor's Record Map, Sec. 20 Twp. 16 R 3E, legend 1" = 100'. Includes First North St, Second North St, Third North St, from 4th St, 5th St, 6th St, 7th St. Stamped by Lloyd J Behrens Appraisal Service, Sedona Arizona. Someone has handwritten (possible) names of owners of buildings / homes on map. Condition : fair, faded due to age.</i>	not yet accessioned	TOC Room
597 cont'd		not yet accessioned	TOC Room

599	<i>Memorabilia items AND OLD MONEY from The Bank of Arizona (Clarkdale) and First National Bank of Arizona (Cottonwood).</i> <i>Description Below : A-Q</i> <i>A-\$5 bill, series 1928 A Washington D.C., Series of 1928A Federal Reserve five dollar bills are common. Circulated examples sell for around \$20 and uncirculated examples are usually available for around \$100 from most districts. Condition: poor, has stains across the bottom (1/2 inch-varies), has been circulated</i> <i>B-1957, quarter. Condition: good</i> <i>C- Indian head / Buffalo 5 cent (date worn off) Condition: poor, worn</i> <i>D-1920, quarter. Condition: good</i> <i>E-1925, dime. Condition: fair, worn</i> <i>F-1935, dime. Condition: fair</i> <i>G- 1943, dime. Condition: good</i> <i>H-8.5"x3" blank sheet to insert denominations and serial numbers at the time of purchase, for American Express Cheques. It is attached to black leather. There is a snap on the outside of the leather piece. No cheques attached.</i> <i>I-2 5/8" x 4" brown envelope that would hold a savings booklet, labeled The Bank of Arizona Savings Department. Handwritten name is Thomas Geary. The envelope is empty.</i> <i>J- Metered Service Charge Schedule, effective Jan 1, 1949, The Bank of Arizona, 3"x7" bi-fold chart showing rates for number of checks paid and low balance during the month. Prescott, Clarkdale, Cottonwood, Flagstaff, Williams, Jerome</i> <i>K-10 3/8"x4 3/8" brown window envelope with return address : After 5 days return to The Bank of Arizona Clarkdale Arizona</i> <i>Condition: fair due to age</i>	Accept – Accession (yet to be done) with the exception of item P: Return Item P to ToC - reco they donate to Clemenceau Museum All items in TOC Room
599 cont'd	<i>L-3.5"x6.5" brown envelope labeled: Coin-Tainer, Loose Coin Deposit envelope from The Bank of Arizona, copyright 1941. List bank locations as Prescott, Clarkdale, Cottonwood, Jerome, Flagstaff, Williams. Condition: poor, has 3 torn edges</i> <i>M-7"x2.75" check book. These are original checks from The Bank of Arizona, Clarkdale Arizona. There are 50 blank checks, gold colored. The outside cover is thick cardboard made to look like black leather. Condition: Good, some signs of age.</i> <i>N- 3.25"x5.5" brown paper Loose Change Envelope, 1st National Bank of Arizona. Condition: Good</i> <i>O-2 5/8"x4 1/4" brown paper envelope containing a savings deposit booklet (blank) for the First National Bank of Arizona, possible date 1959. Condition: fair, some wear and tear due to age.</i> <i>P-8.5"x 3.75" Book of 25 Checks, from First National Bank of Arizona, Cottonwood Office. There is no cover, only a pink notice saying: McGrew Printing and Lithographing Co, Phoenix, Arizona. Interesting is the phone number listed as "AL 4-4768". The checks are gold in color. Condition: good, except the top check is worn due to age</i> <i>Q-3.25"x4" window sticker, Arizona State Semi-Centennial 1962 / Territorial Centennial 1963. In the center is a gold and green colored circle with 14 white stars around the border. Inside the circle are picture of Arizona desert mountains with saguaro cactus and the Grand Canyon, across the middle on a gold banner is "ARIZONA" with a saguaro cactus blossom. At the top is a Cactus Wren. Condition: good</i>	Accept – Accession (yet to be done) with the exception of item P: Return Item P to ToC - reco they donate to Clemenceau Museum All items in TOC Room including item P

T C #	Item	Notes	Inventory Status 12/4
602	Valley View Cemetery Xeroxed copy of newspaper article titled "Time Changes Cemetery" by Courier- Prescott, dated December 12, 1971, 2 pages, photos and story by Dennis Chase. The article explains the rules and regulations were specific from structures to shrub and tree planting to carriage drivers to remain on carriages or stand by their horses during funeral services, the costs of opening and closing a plot, Herb Young's memories, originally owned by United Verde Copper Co 1912, purchased in 1954 by Erle P. Halliburton, estate of Erle (article - spelled Earl) Halliburton transferring the cemetery to the Town of Clarkdale along with a perpetual care fund so the city pays nothing for the cemetery, Cornelius G. Shear was first internment August 28, 2013, a photo of a headstone they think could belong to Cornelius G. Shea the Irishman but eroded by the wind swept sand. Condition : good	Accept – Accession (yet to be done)	TOC Room
603	8.5"x11" Community Profile Clarkdale, printed on peach colored paper, double-sided, original, prepared by the Arizona Department of Commerce Communications Division in cooperation with the Town of Clarkdale, dated 6/99 (June 1999). Categories and statistical information explained are the Principal Economic Activities, Scenic Attractions, Property Tax Rate Fee, Community Facilities, Utility Phone Numbers, Weather from January - December. Condition: good	Accept – Accession (yet to be done)	TOC Room
604	11.5"x13.75" Newspaper titled: Special History Edition, published by The Journal and Cottonwood Journal Extra, dated 1998. This is was published annually. The cover photo shows mine workers in the #5 Hoist Room at the 1,000-foot level in the United Verde Mines-1929, photo page 3 shows Frank E Jordan and Thomas Campbell at the temporary US Post Office in Jerome after a September 1899 fire which destroyed the building. Index of articles: Perkins Family History, Woodring History, Clarkdale's Growth, Jerome's first dairy, Old town Jail. The Clarkdale article talks about the Sewer Pipelines, one page. Condition: good	Accept – Accession MISSING?	MISSING
605	8.5"x13.75" newspaper article titled: How Dry I am: Arizona and Prohibition, original, published by Arizona Capitol Times, section: Times Past, one page, no date. Includes a photo titled: 1914 celebration victory in Phoenix after passing a statewide law prohibiting the manufacture, sale, and transportation of alcohol. <u>Save for reference - this prohibition article would be interesting to keep because of it's historical effect for Arizona.</u>	Do not Accession – (beyond geographic scope of Collection policy). Place in reference file cabinet upstairs DONE	Reference Library
606	8.5"x13.75" newspaper article titled: Arizona's Statehood Day, original, published by Arizona Capitol Times, section: Times Past, one page, no date. Includes a photo titled: St. Mary's students march past Lamson Business College at Adams and 1st Avenue in the Statehood Day parade on February 14, 1912 (in Phoenix). Save for reference - about history of Arizona Statehood. Condition: good	Do not Accession – (beyond geographic scope of Collection policy). Place in reference file cabinet upstairs DONE	Reference Library

- 607 11"x12.75" newspaper articles, published by KUDOS, dated from 2002, 2003, 2004, in the section: *Remember When*, 35 loose pages.
There is 1 article specific to Clarkdale:
 1) August 4, 2004 1939 photo of downtown Clarkdale (1939), from east to west: T.F. Miller Company, The Bank of Arizona, Clarkdale Cleaners, Jewelry and Music Shop, Connor & Ettingers, Selna's Grocery, Clarkdale Pharmacy, Grand Theatre, and Miners Hardware and Furniture Co.
 The other 35 articles are about Verde Electric Co-op, Jerome, Cottonwood, Verde Valley. The dates of photos and articles are from the early 1900's.
Found in archives other Kudos articles but not the one listed above.
Found in archives photos (very similar and close to the same on printed in the newspaper article): 2008- 016- 01 and 2011-81-1. The newspaper article lists the names of the additional buildings not listed in these archives)
 Interesting articles, recommend keeping in reference file upstairs. Condition: good, some yellowing due to age of newspaper.
- 608 6.5"x7" newspaper article titled: *Reunion - Families of Childs / Irvine / Tapco power plant workers meet*, original, hand-written note on paper indicating published by "V. Independent 10-15-2003 (October 15, 2001)".
 The photo on the page has 21 people, the article states "75 to 100 people attended the reunion. Deceased employees whose families attended included George Helm Sr., John Gerken, Art Newberry, Dixon Lewis, Alvin Eoff, Bill Gray, Jack Francis and Harrington Turner. Eugene Hubbs, 83, was the oldest person attending. His brother-in-law Bob Justus, attended. Hubbs son, Clinton, traveled the farthest-reside in Alabama. George Helm Jr. received the oldest brat award. The awards were crocheted bedspreads made and donated by Irene Lewis. Contact Marilyn Jenkins, Laken Eoff, or Billie Helm for future reunions (lists their phone numbers)
 Did not find in archives. Condition: good
- 609 Music Sheets titled: *General Federation of Women's Clubs, Grace Morrison Poole President*, (song) *My Country's Flag*, words and music by Emily Louise Plumley, In Honor of and Dedicated to: The General Federation of Women's Clubs, no date listed. There are 2 original sheets: page 1 sized 7"x12.25", page 2 sized 7"x9 3/8". Includes words and musical notes.
 Did not find in archives but this should go with the rest of collection of Women's Clubs memorabilia and scrapbooks in the TOC collection. Condition: fair, some torn edges, it appears to have been glued to brown paper.

Accept BUT Do not Accession
 –
 Put in 3-ring binders that contain Kudos 'Remember When' images for each community.
 MISSING or placed in kitchen or disposed

Accept – Accession (yet to be done) TOC Room

Accept – accession (yet to be done) TOC Room
 (as the music sheets were likely used by the Clarkdale Women's Club)

- | | | | |
|-----|--|---|----------|
| 611 | <p>Article entitled, "Legends of the Lost" with a subtitle, "Bank Robbers Play a Key Role in This Tale of Misplaced Loot." July, 1996, 2 pages, <u>Xeroxed copy</u>. Published by Arizona Highways magazine per) Text by James E Cook, Illustrations by Kateri Weiss</p> <p>This article tells the story of the robbery of the Bank of Arizona in Clarkdale on 21 June 1928 by Willard Forrester and Earl Nelson, and the role of former Jerome Marshal, Jim Roberts, in stopping the robbers.</p> <p>Found in archives: 2011-73-2 Library Box 9-original copy in Arizona Highways magazine Condition: good</p> | <p>Keep best copy or file for reference?</p> <p>Place in reference file cabinet upstairs - DONE</p> <p>(this is a copy – archived already is the original story published in Az Hwys)</p> | TOC Room |
| 613 | <p>Newspaper article titled: Verde Valley Viewing, Historical route back on track with Arizona Central Railroad, by Tribune Newspaper, dated December 30, 1990, full cover page continued story on the second page, original.</p> <p>The article tells of lower Clarkdale and uptown Clarkdale, lower town brick houses renovated to respectability, the railways new owner Arizona Central Railroad, prior owner The Western Group, Verde Valley Railroad dates back to 1911, Clark financed the construction of the 38 mile standard gauge line to transport ore from the town smelter to Drake (17 miles south of Ash Fork) where it met up with the Santa Fe line to Phoenix, and all about the operations. Many colored photographs of the train and passengers, with a Verde River Canyon Rail route map of the area are included in the article.</p> <p>Condition: good, has multiple creases from being folded</p> | <p>Accept – Accession (yet to be done)</p> | TOC Room |
| 614 | <p>Newspaper article titled Clarkdale clubhouse to turn 70 years old, published in a column called Cottonwood Life, (unknown newspaper), dated June 25, 1997, cover page (half), original.</p> <p>The article tells the history from 1927, 2 B&W photos of the renovated rooms, 1 B&W photo of the WAC monogram, many details about the activities that took place during that time, the town of Clarkdale took over the clubhouse in 1957, renovation, comments by Nancy Smith member of the Heritage Conservancy Board.</p> <p>Did not find in archives. Condition: good, creases from being folded.</p> | <p>Accept – Accession (yet to be done)</p> | TOC Room |

- 615 *Newspaper, The Verde Independent, dated September 12, 1957, front page and page 2, original. The articles of interested are titled:*
- **Clarkdale Houses Again Acceptable for F.H.A. Loans (includes B&W photo of 2 houses)*
 - **Clarkdale Census from 1950, tentative population 1584*
 - **Train Ride Popular, tells of the recent activities with the Verde Mix and Don's tour with picnic lunch at Sycamore Canyon.*
 - **Verde Valley Weather at a Glance, from August 28 thru September 10 for Cottonwood, Jerome, Sedona, Camp Verde, gives Max. and Min. temperatures, includes amounts of precipitation.*
 - **Clarkdale P.T.A. and Centerville People Get Dander Up, letter to Editor from Mrs. Douglas Wright, Sec. Verde District 3 PTA 1956-1957 describing William D. Williams, Sr. statements in a court room made in ignorance or perjury and how this perhaps accounts for the deplorable relationship arisen between citizens of Clarkdale and Halliburton interest. 2nd letter by Al Valenzuela, Jr. and the people of Centerville., describing Mr. Williams recent article about Clarkdale incorporation in poor taste and tactless, how he referred to the people because of their Mexican extraction, tells of the Mexican contributions to society in Centerville thru their occupations, and he is proud of his nationality since most of them can trace their families back to the Spanish conquistadores and French occupation.*
- Did not find in archives. Condition: fair, crease due to being folded, yellowing due to age, a few red pencil markings.*
- 617 *Newspaper article titled: Seen through the eyes of a child, in Verde Independent, by Jeff Chew, Editor, Section titled: Opinion, dated May 13, 1983, 1 page, original. This was a clipping from the newspaper and is almost a full page.*
- **Included are letters by Gayle Gemmill, not named, Melinda West, G.E., Jodi Townsend (all of the 7th grade), Anne Wolseiffer Conway Teacher.*
 - **Hand drawing of the campus with the school on fire and the statement " Our school may burn but out of the ashes we will rebuild a better school because the 5th Grad does not give up but accepts the CHALLENGE!, signed by Mr. Randall, Dawn Jackson, Georgina, Maria Contreras, Kendra G., Aaron Smith, Rainbow, Jeanie Harris, Earl West, Elso? Gyce.*
 - **Letter to Editor from Jacqueline Ferrell and John O'Neal of Clarkdale titled Clarkdale residents disconsolate after tragic fire.*
- Did not find in archives. Condition: good, yellowing due to age, has creases from being folded.*
- Accept – Accession (yet to be TOC Room done)**

- 618 *Newspaper article titled It may be replacement time for historic Clarkdale gazebo, in Verde Valley News, by Angela De Welles Staff Reporter, dated June 18, 2003, 1 page, original.* **Accept – Accession (yet to be TOC Room done)**
The article gives history for gazebo: built 1919 for \$353, bandstand, used for community events. It is in need of serious repairs. 5.75"x8.75" B&W photo of gazebo includes information it's in need of serious repairs or may just need to be replaces. These are the two options town member will be given at an upcoming meeting regarding the gazebo. Comments quoted are by Robyn Prudhomme-Bauer, Town Clerk Joyce Driscoll, Elizabeth-Rose Augusto. Parks and Recreation as well as the Heritage Conservancy Board will be handing out information to the public and will ask for opinions in writing at the meeting.
I did NOT find this in archives. (but think I've seen it somewhere--maybe???) Condition: good
- 621 *Miscellaneous Correspondence letters to The Bank Of Arizona, Clarkdale from various people and institutions, dated between 1948, 1950, and 1953, originals.* **Accept – Accession (yet to be TOC Room done)**
Condition: Good

622 Company files from Upper Verde Public Utilities, dates from 1929, 1930, 1931, 1932, 1933, 1940, original documents.

Folder Name listed first, following a brief summary of contents (A-AI):

A: Heating Plant 1932, 1933. includes ledger of operating costs, letters for prices on boilers, technical drawings. Mentions C. R. Kuzell, Butler Stoker.

B: Stock Yards. letter regarding the leased ground, Sante Fe requesting to buy property. Survey of stock yard. Mentions R. K. Duffey, B. S. Snyder.

C: Payroll 1931. ledgers with names, men living in Clarkdale working in Jerome, hours worked, houses rented.

D: Verde Hotel Reports. information of operating costs. Mentions A. N. Jones (Super), Mrs. Henry Bergman and L. J. Kranso.

E. Ice Plant 1929, 1933. Ice Coupon Booklet \$5 worth of coupons a customer was required to pay the driver upon delivery of the ice, ledger with list of names of people who purchased coupon booklets, operating costs, correspondence. Mentions Chas Ewing.

1929 Census Report-4 pages-completed in pencil- original. Should this be a separate line item from item E?

F: Commissions, Deputy Sheriff dated 1933. Letter of premium for Hartford Accident and Indemnity Policy bond for Deputy Sheriff William A. Cheek and Obligee Geo. Ruffner

Sheriff correspondence listing Deputy Sherriff James Roberts, B.E. Kane, Lawrence Sullivan, correspondence about Deputy Sheriff P.F. Geary and John J. Sullivan; correspondence re bond for Jos. F. Young, Henry Vesoar, William A. Cheek. Ledger showing names for a bond: Humphrey Wertz, Geo. N Conrey, F Sauruschpot, Alberto Leon, Harry J Flohi, Arney Harbert, M Craft, Robert Ramsey, J. E. Cochran. Mentions B. E. Kane, L. Sullivan, P. F. Geary.

G: Labor Reports 1931, 1932, 1933. Listing the Clarkdale and Jerome Force weekly labor report in job categories and unknown what the numbers listed pertain to. U. V. P.C.

H: State Tax Commission 1932 for Ice Plant. State Income tax form 1931, Census of Manufactures 1931, monthly report operation ledgers. Mentions A. N. Jones (Super)

I: UVPU Cost Accounts and Work Orders 1945. This is just a listing of account names but no dollar amounts mentioned.

J: Clarkdale Telephone - office matters 1933. Lists of alterations and costs. Mentions A. N. Jones.

Accept – Accession (yet to be done)
May copy some items for the JHS.

TOC Room
Note: one extra folder found:
Releases
From House
Rent 1933

622 cont'd *K: Moose Lodge Hall 1931. Correspondence about the rental of the hall rates and date. Mentions WLG Lysons, secretary of L.O.M.*

L. Ranches 1933. Correspondence regarding Riggins Ranch, P.L. Bigelow, Harlan Wood Ranch, G.W. Ralston, John Masten (who wanted to purchase a ranch), H.B. Shugart inquiry to purchase Davis Ranch, Leonesic Ranch rent to Ramon Prada, Verde Fruit Ranch rent to F.E. Wiggins, Jordan ranch to Ventura Lemus, A.G. Woods Ranch rent to Secundo Prado, Gray Ranch rent to The Verde District Dairy, Harlan Wood Ranch rent to Roy Bigelow, William Sullivan regarding Marston running cattle in vicinity of Blackburn and King Ranches, J.W. Christian inquiry to rent, G.W. Ralston for O.K. Ditch.

Mentions A. N. Jones, P. L. Bigelow, Leo T Stack, R. K. Duffey (UVCC Chief Clerk), G.W. Ralston, Ventura Lemus-Jordan Ranch, etc.

M: Ranches 1931, 1932. Correspondence in regard to the following ranches: McAllister Ranch, Leonicio Ranch, Blackburn and King Ranches, Morse Ranch, Morris Ranch, Harlan Wood Ranch, sale to John Plecas, Thompson Ranch, Shea Home Ranch, and many more Rae can list later.

N: Rents 1933. Ledger sheets with smelter employee names and rent paid and lost time reports. Mentions Earl and Fred Twitty.

O: Inside Floor Covering. Correspondence in regard to discussion and quotes to replace flooring in some of the buildings, correspondence on assessments for tax purposes, correspondence with Arizona Highway Departments in regard to the concrete pavement issues.

P. Monthly and Annual Reports. These are just lists of reports available, no actual reports in folder. Mentions A. N. Jones and R. K. Duffey.

Q: Chas. Hong of Little Daisy Hotel in Jerome. Correspondence with UVPU. Original letters

R: Fire Protection. Letter in regard to the change of location of the hose house and cart near Verde Hotel, due to the cart needing to be pulled uphill, therefore could be moved to Clarence F. Bailey residence where it would be hauled downhill. The Arizona Corporation Commission certifying the Clarkdale Volunteer Fire Department, the number of fire hydrants and water reservoir, equipment owned dated 1931. Roster with names under Company No. 1 and Company No. 2 dated 1931. Issue with Smelter whistle not having enough steam to blow during a fire dated 1931. Mentions H. V. Young and Wambaches'.

Accept – Accession (yet to be done) TOC Room
May copy some items for the JHS.

622 cont'd *S: Guarantee Deposits. Letters of receipt, they were drawn on the Bank of Arizona, date 1931. Emma Uren (Milwaukee, Wisconsin), Mr. J.H. Pesterfield (Flagstaff), Mr. A.T. Brose (Humboldt)*
T: (no label-but I named it "Uncollected Accounts 1931). Ledger of uncollected accounts up until November 20, 1931 with 94 names and account balances, ledger of uncollected rents from 1930 to 1931 dated December 1, 1931 with 23 names and account balances, correspondence with Mr. C.A. Heinle, Mr. C.R. Kuzell, C.E. Riley Clarkdale Cleaners (all of Clarkdale), United Dry Goods Stores (El Paso, Texas), a very interesting 3 page letter in regard to Jones Furniture Company, talking about them from 1921 thru 1930 during the "shut down" and the appliances they offer along with selling campaigns during times of rotten business from the Superintendent to R.K. Duffey of United Verde Copper Company dated February 17, 1931. ledger for Verde Tunnel and Smelter Railroad Company for time lost due to curtailment by employees living in Company houses listing 11 names with job title-days worked-Sundays-Curtailment-Own Accord and amounts.
U: Closing of Streets 1931. Ledger listing location of closures, watchman names were Roberts and Sullivan or no watchman, with dates and times. Taxes for Schedule A, D, E, I (Rae-move to Taxes folder)
V: Verde Tunnel and Smelter Company Lost Time 1931. Ledgers with names, employee numbers and earning amounts.
W. Miscellaneous 1932. Correspondence in regard to repairs, dog bite (C.C. Markham), rent for buildings with explanation of reductions (Mountain States Telephone & Telegraph Co Jerome), inquiry about possession and sale of intoxicating liquor, and more.
X: Work Force (no year). 2 large ledgers (very fragile) with employee names, wages, addresses.
Y: Lawn Allowances 1030 and 1931. Ledgers with names, addresses, amounts, for fertilizer, mowing and maintenance.
Z: Monthly Reports. Correspondence and ledgers for reporting, dates 1931.

Accept – Accession (yet to be TOC Room done)
May copy some items for the JHS.

622 cont'd AA: Miscellaneous 1933. Correspondence of all kinds. For example, remodeling, paint prices, fertilizer, Jose Bindiola want to move in to a Patio without paying rent light or water due to illness, purchase of small pox vaccines. Further review later. Provides info on Clark Mansion remodeling.

AB: Miscellaneous 1931. Correspondence of all kinds. For example, voter registration with names addresses party, paint pricing, blueprint request, electric radiators, costs of ad in Alchemist, liability of landowner to fence property to protect from livestock, city planning, price of raw milk. Further review later. City Beautiful letter. Letter from Dept. of Indian Affairs.

AC: Releases from house rent 1932. Legal documents of release for multiple homes. Letters from residents who had to leave and leave their furniture behind.

AD: Police Department 1931 Complaint. Correspondence about prowlers and kids throwing rocks.

AE: Houses 1932. Appears to be correspondence to realtors (in Prescott, Arizona) about dwelling vacancies available in Clarkdale.

AF: Purchasing 1932. Letters of reference, price for construction items-parts-paint-cabinets, right of way issue, water running from a house exiting the kitchen plumbing, Further review later.....

AG: Rents - Mine Employees in Clarkdale 1932. Legers, by month, with names, amount of rent paid, days worked, lost time. (I did not see any house addresses).

AH: Water Light Arrears 1932. Lists of names of people -Jerome and Clarkdale and Centerville -with arrears amounts, lists for water and light donated. no lights or water, shut off notices. No house addresses listed.

AI: Employees and Ex-employees Clarkdale 1931. Breakdown of Families in Clarkdale 1930 and 1931 by race- "White" and "Mexican" - Dwellings occupied and vacant, plust other miscellaneous correspondence.

Condition: Fragile

Accept – Accession (yet to be TOC Room
done)
May copy some items for the
JHS.

623 *Ralph McBride Alchemist Collection - letter from Ruth Johnson dated 2008 about the yearbook collection, that Ralph McBride may have began teaching in 1922 and perhaps last year there was 1944. She mentioned his nephew was sent the 1936, 1937, 1938 by his request. He and his sister lived 2 years with the McBride's. Their last name was Maxwell. Henry Maxwell is now deceased. She mentions her dear friend, Mary ?G?uliar had husband Les? live in Clarkdale. Ms. Johnson made the original donation in 1998, then 10 years later says she was able to donate the 1922 book. Inside the yearbooks are Ralph McBride's name done in calligraphy. Yearbooks dated: 1922 (2) Condition: Fair, exterior covers are crumbling and separating 1923 Condition: fair, exterior cover is separated 1924 Condition: Fair, cover is deteriorating around the edges 1925 Condition: Fair, cover is deteriorating around the edges 1930 Condition: Good 1932 Condition: Fair, 2.5" of the top part of the binding has deteriorated 1933 Condition: Good 1934 Condition: Fair, cover is deteriorating, pages are yellowed, appears there are original photos inside yearbook in places where the photos would be normally printed. 1935 (2) Condition: Good 1939 Condition: Good 1940 Condition: Good, this is loop binding, the cover is parting at the top 5 loops. Mr. McBride wrote: "World war No 2 The Germans are about to whip the whole Europe worse than HELL. America will stay out. William Tom-the only Chinese I ever taught in 24 years of teaching" signed by R. McBride. 1941 Condition: Good . Written inside by Mr. McBride, May 26, 1941, Another World WarII, looks bad for England and her possession. United States is getting ready to enter too. (??) They are prosperity now depression again. 1942 Condition: Good. Written inside by Mr. McBride, May 22, 1942, Remember Pearl Harbor Dec. 7, 1941. The war is upon us and how 6000 surely killed. 57% of homes in U.S. has some member in US armed forces (?Guyar Ratron?) Who will kill Hitler, When and how will we conquer the Japs. One person signed the inside "Lots of Luck" Dean Hubbard Yarnell Arizona. 1943 Condition: Good, corners of binding slightly worn. Written inside by Mr. McBride, June 4, 1943 "World War No II-When will it end? Americans 9000 killed wounded and missing. Hitler - Japs (and ???) must be killed. Bury the Jap and German. 1944 Condition: Fair, the top cover edge has deteriorated, with multiple stains on part of top cover, Written inside by Mr. McBride, May 17, 1944, Waiting for invasion of Europe, thousand to be killed, millions already killed. What will peace bring? 1996 Reunion Book Condition: Good*

Already processed these yearbooks in keeping with the Collections policy for yearbooks

Yearbook Boxes

624	CHS YEARBOOKS 1923 Condition: fair, exterior cover is separated 1924 Condition: Fair, cover is deteriorating around the edges 1925 Condition: Poor, cover is deteriorating around the edges 1927 Condition: Poor, cover is deteriorating around the edges 1928 (2) Condition: Fair, covers are deteriorating around the edges 1929 Condition: poor, cover is deteriorated. 1930 (2) Condition: Good 1931 (3) Condition: Good 1932 (2) Condition: Fair, the other is poor-cover deteriorating 1933 Condition: fair, top corner of binding has deteriorated 1951- Condition: Good, worn corners, binding separated from inside, outside in good condition.	Already processed these yearbooks in keeping with the Collections policy for yearbooks	Yearbook Boxes
625	One set of dinnerware from the Clark Memorial Clubhouse set of China. The set includes one of each: dinner plate, salad plate, demitasse cup and saucer, a 2 handled cup (possibly for soup?). A note inside says "Dinnerware Donated by Clark Family 1927". The white China, is of a heavier, commercial grade and features a border chain of stylized blue and yellow- gold flowers with green vine. A stamp on the bottom of the saucer reads "Shenango China, Newcastle, PA. Made for Dorris Heyman Fur Co. Phoenix." There is also the classic Shenango China symbol of an Indian with feathered headdress making pottery. The original set of dishware that was ordered from the Shenango China Co. specifically for the Clubhouse. Accompanying the plate is a research paper prepared by Carol Lombardo which provides information on the Shenango China Company and information on the Dorris-Heyman Company (including photos of the Phoenix store in the late 19th and early 20th century) The order was placed through the Dorris Heyman Furniture Co. in Phoenix. Although Shenango also used this particular pattern elsewhere only those marked with the "Dorris Heyman" were specific to the Clark Memorial Clubhouse. (obtained this info in archive #'s listed below) Condition Good, EXCEPT FOR THE SAUCER, the rim has a chip. Found in archives: 2011-102-1 salad plate 2016-27-01 cup 2016-27-02 Small saucer for a demitasse cup	Accept - Accession (yet to be done)	TOC Room
626	One 5 Piece Dinner Silverware set from the Clark Memorial Clubhouse. Included in the set are dinner knife, dinner fork, salad fork, dinner spoon, soup spoon. The utensils are heavy weight silver plate and bears the insignia of William Andrews Clark: a shield with W, A, and C superimposed on it. On the back of the handle is "O C A 1 X" which indicates the teaspoon was made by Oneida. This teaspoon is part of the original set of flatware purchased for Clark Memorial Clubhouse. Condition: Good Found in Archives: 2016-27-03 Teaspoon from the Clark Memorial Clubhouse.	Accept – Accession (yet to be done)	TOC Room

- 627 *Cocktail Seafood Pickle Fork from the Clark Memorial Clubhouse. This is heavy weight silver plate and bears the insignia of William Andrews Clark: a shield with W, A, and C superimposed on it. On the back of the handle is "O C A 1 X" which indicates the teaspoon was made by Oneida. This teaspoon is part of the original set of flatware purchased for Clark Memorial Clubhouse.*
Did not find in archives Condition: good
Accept – Accession (yet to be done) TOC Room
- 628 *Silver sugar and creamer set...from Clubhouse w/WAC emblems. Squat round tankard style. The sugar bowl has a handle to left and right of center and a separate lid with knob. The creamer bowl has a handle on the right and pouring spout on the left.*
 While the object is described as silver, the WAC emblem appears to be a copper-like material. WAC emblem in middle/front of sugar dispenser. The bottom is stamped "CECILWARE".
 Found in archives:
 2011-64-4 sugar (this one says it has a lid?) 2011-64-5 creamer
 Condition: Good, is tarnished, will need to see how it looks after polishing. Box 28
Accept - Accession (yet to be done) TOC Room
- 629 *8 Stainless Soda Fountain paper cup holders. Stamped on bottom is "Trade Mark Vortex Sanitary Service". The stand 4.25" tall, 3" in diameter, with one handle. The paper cups would fit inside, as the cup holder tapers to a cone shape with a hole in the bottom. The base is 3.25" in diameter. These go with TOC# 630.*
 NOTE ON BOX: 2 are on Display 1/25/2015 LS Did not find in archives.
 Condition: Fair to Good, some pitting in the stainless steel.
Accept – Accession (yet to be done) 2 in China Case exhibit - Other 6 in TOC Room
- 630 *Soda Fountain Cup Dispenser made by Vortex Mfg. Co., c. 1923, material is stainless steel. 7.5" tall, 4.5" in diameter. The front has an open section (for dispensing paper cups?) 2 3/8" wide and 5 9/16" in height. Below that is a metal plate for Vortex Sanitary Soda Fountain Service, with multiple patent dates for the Vortex Mfg. Co. Chicago. the metal plate is black with gold colored lettering measuring 3 5/8" x 1 5/16". This goes with TOC# 629. Did not find in archives.*
 Condition: Fair, appears to have pitting in the stainless steel
Accept – Accession (yet to be done) TOC Room
- 631 *National Registration of Historic Places Designation Documentation for Clark Memorial Clubhouse, dates 1982 - 1984. These are in a sturdy manila envelope with red letters "Do not Remove from safe", addressed to The Honorable Dorothy Benatz from Gerald A. Doyle & Assoc. PS. . The typed cover letter to The Honorable Dorothy Benatz from Ann A. Pritzlaff State Historic Preservation Officer, dated November 23, 1982 informing Mayor Benatz that the property was entered into the National Register of Historic Places on October 29, 1982. Included is the nomination paperwork with a note asking Mrs. Benatz to destroy the previously submitted draft, 11 pages of description, 1 map, and 14 copies of architectural drawings. Stamped at the top is "OMS NO. 1024-0018, EXP. 10/31/1984. These are 8.5"x11" Xeroxed copies. There is a complete set of 28 B&W photos with descriptions, Xeroxed copies, 8.5"x11" paper, indicating Photo by: Gerald A. Doyle, July 1982 as well as photos by unknown sources circa 1926 #11, 13, 17. Condition: Good*
Accept - Accession – (yet to be done) TOC Room

- 637 *Clarkdale Postmaster Correspondence, originals, 1929, 1931, 1932:*
A-General Ledger, dated December 9, 1929-rent and stamps sales
B-Inventory of unissued stamped envelopes on hand December 31, 1929
C-from Post Office Department in Washington, dated December 9, 1929 titled: Appropriation: Labor Saving Devices 1930, allowing expenditures for the purchase of oil for canceling machines \$.50.
D. in regard to clerk Harding's hours and pro rata rate, no substitute clerk employed in her absence on account of urgent business, has returned to work, dated September 2, 1933.
E: To Postmaster in Clarkdale, dated August 29, 1931, about the employee Clerk Catherine G. Harding about being put on half-time.
F. Letter and registered receipt, dated April 13, 1932 for items in Stamp Stock for redemptions. Total Value \$1.33.
Condition: Fragile due to age
- 638 *8.5"x14" Official United States Postmaster's Account and Record Books listed below:*
A-Account Record. 8.5"x14" Official United States Postmaster's Account and Record Book for Blaine W. Hugo Postmaster, dated 1924, 1925, 1926, tan in color. Info of interest is names listed in Description under Stamped Paper On Hand and Received During Month section of ledger.
Condition: Poor-The exterior cover has separated from the binding and top cover is detached from the book, one page is loose, the pages are fragile due to age.
B: Account Record. 8.5"x14" Official United States Postmaster's Account and Record Book for Postmaster B.W. Hugo, dated 1927, 1928, 1929, 1930, tan in color. Info of interest is names listed in Description under Stamped Paper On Hand and Received During Month section of ledger.
Condition: Fair, the cover is securely attached, top left corner has water damage.
C: Account Record. 8.5"x14" Official United States Postmaster's Account and Record Book for Postmaster B.W. Hugo, dated 1930, 1931, 1932, light gray in color. Info of interest is names listed in Description under Stamped Paper On Hand and Received During Month section of ledger.
Condition: Good.
- Accept - Accession – (yet to be done) TOC Room
- Accept - Accession – (yet to be done) TOC Room

- 639 *Official Third Class Postmaster's Account and Cash Book's, described below:*
 A: *Cash Account Ledger 8.5"x13 7/8" titled Official Third Class Postmaster's Account and Cash Book for Martha L. Davey, dated January 1935 - July 1935, front cover missing, back cover is burnt orange in color. The ledger shows money transactions. Condition: Fair, missing front cover, back cover is detached with deteriorating edges, pages brown due to age.*
 B: *Cash Account Ledger 8.5"x13 7/8" titled Official Third Class Postmaster's Account and Cash Book for August 1932-June 1933 burnt orange in color, unknown postmaster. The ledger shows money transactions. The covers were from other ledgers used for ledger from 1932-1933. The top cover is dated July 1 1936 - December 31, 1937 for Hugo Postmaster and the back cover is dated June 2, 1935 (inside shows 1934) - June 30 1935 with Martha L. Davey Postmaster. Condition: Poor, cover must have been from other ledger books and used to protect the ledger inside-unsure, deteriorated at binding and edges, a few loose pages.*
 C: *Cash Account Ledger 8.5"x13 7/8" titled Official Third Class Postmaster's Account and Cash Book for August 1932-June 1933 burnt orange in color, unknown postmaster. The ledger shows money transactions. The covers were from other ledgers used for ledger from 1932-1933. The top cover is dated July 1 1936 - December 31, 1937 for Hugo Postmaster and the back cover is dated June 2, 1935 (inside shows 1934) - June 30 1935 with Martha L. Davey Postmaster.*
- 640 *Official Post Office Cash Book for Money Order Business's listed below:*
 A: *Official Post Office Cash Book for Money Order Business, 8.5"x13.75", for BW Hugo Postmaster from July 1927 - November 1928, color gray. Ledger for daily transactions. Condition: Fair, the exterior cover is discolored due to age with minute signs of beginning deteriorations, pages yellowing due to age.*
 B: *Official Post Office Cash Book for Money Order Business, 8.5"x13.75", for BW Hugo Postmaster from October 1931 - June 1932, color gray. Ledger for daily transactions. Condition: fair, the exterior of the book is in good condition, the pages are yellowing due to age with fair condition*
- 641 *Time Record books for Post Office employees listed below:*
 A: *Time records for Post Office clerks, 7 7/16"x10 1/4", showing dates worked, beginning and ending times each day, sick days, overtime. Dates July 1940 - June 1941. Some months are not listed, the very back page has September of 1940. This includes employee names--Rae to list later. Condition: Good, pages brown due to age*
 B: *Time records for Post Office clerks, 7 7/16"x10 1/4", showing dates worked, beginning and ending times each day, sick days, overtime. Dates July 1942 - June 1944. This includes employee names Condition: Good, pages brown due to age.*
- 643 *7.5"x9.5" Register of Borrowers - Library, dates 1927-1935, material hard cardboard cover, modeled brown and tan in color, black binder tape 1.5: wide. This register lists names and city of residences (Clarkdale principally, but also Clemenceau, Cottonwood...). The word "cards refunded" is listed by each date. (library terminology??) Condition: Good, pages discolored due to age.*
- Accept - Accession – (yet to be done) TOC Room
- Accept - Accession – (yet to be done) TOC Room
- Accept - Accession – (yet to be done) TOC Room
- Accept - Accession – (yet to be done) TOC Room

- 647 Letter addressed to H.V Young, Chairman, Clark Memorial Club Committee, signed by initials N.P. the Librarian, dated March 2, 1934, original, tan onionskin paper, 8.5"x11", typed, 2 single-sided pages. The letters is a report covering circulation and cost of operation of the Clark Memorial Library for 1932, Average Number of Books Per month in categories of Fiction, Non-Fiction, Juvenile, operation cost for books purchased and sold, supplies, salaries, subscriptions, fines, credits. There is a 3 paragraph explanation of operational costs.
Condition: Fragile, due to age the paper edges are partially tearing, both pages have been folded about 3/4" from the right side and will need to be carefully unfolded if possible.
- 648 State Historic Preservation Office (SHPO) Inventory forms for Clarkdale properties (Contributing and Non-Contributing) considered in the Aug 1989 Historic Resource Survey of Clarkdale (that led to the listing of the Clarkdale Historic District on the Nat' l Register of Historic Places). These files are in two bankers boxes labeled 31 + 32.
Survey Maps showing the boundaries, 3 pages, 8.5"x11", Xeroxed copies.
20 - B&W photos, possibly 1980's of certain Clarkdale and Fort Yuma property and buildings (example: Warehouse, Change Room, Main Street).
Xeroxed copy of letter addressed to: Dear Clarkdale Property Owner, dated 1995. Explains the Town of Clarkdale and the Arizona State Historic Preservation Office accepted the completed survey of Clarkdale identifying the historic structures within the Townsite. It offers that the property owner may obtain information on the Register nomination process or attend a meeting to learn more. If they returned the form, they would be contacted by a member of the Clarkdale Heritage Conservancy Board. (discard multiple copies with bottom half missing-there are 31 of these, perhaps the bottom information was submitted to the Conservancy Board).
Xeroxed copy of letter addressed to : Dear Clarkdale Property Owner, dated September 14, 1995, explaining out of the 170 plus letters circulated they received a response of almost half. Announced a public meeting set for September 28th, 1995, with Bill Collins Historian from the State, and Robert Frankeberger Architect.
Possibly the 170 homes surveyed are in a separate folder for each property. Each folder contains the original survey, doubled sided, 8.5"x11" paper and most contain a B&W photo of the property/building taken at the time of the survey. The surveys are dated 1989. The survey sheets are titled: Arizona State Historic Property Inventory, Historic Building Form. The survey descriptions include Use (Historic/Present), Style, Construction Date, Architect/Builder, Condition, Construction Material, Windows, Roof Type, Outbuildings, and more.
Condition: Excellent
- 649 Box of Dinner Silverware set from the Clark Memorial Clubhouse. Possibly 25-50 (?) sets Included in the set are dinner knife, dinner fork, salad fork, dinner spoon, soup spoon, pickle fork The utensils are heavy weight silver plate and bears the insignia of William Andrews Clark: a shield with W, A, and C superimposed on it. On the back of the handle is "O C A 1 X" which indicates they were made by Oneida. These are part of the original set of flatware purchased for Clark Memorial Clubhouse. (TWO BOXES)
Condition: Good, "will need to see if silver polishing cleans up discolorations". Box 33
- Accept – Accession (yet to be done) TOC Room
(keep because of the relationship to Herb Young and reference to cost of Library operation)
- Accept – Accession (yet to be done) TOC Room
N.B.: F. Coates prepared an inventory of these boxes, by property.
- Accept - Accession— (yet to be done) TOC Room -
Re-counted 11/26

650 Clarkdale School Board Minutes described as follow:

A-April 1934 - February 1936. Meeting minutes and budget reports, vehicles owned, teacher salaries and other school business. The minutes are inside a hard cover book, very sturdy, 9.50"x 11.5". The cover is black with red corners. Original documents.

B-March 1936 - December 1937. Meeting minutes and budget reports, vehicles owned, teacher salaries, property known as the Tuzigoot Tract (42.665 acres) whereas the National Park Service being desirous of taking over and maintaining the foregoing property as a public exhibit was approved by the board August 20, 1937 with original Quit Claim Deed, original Deed of Release from United Verde Public Utilities Company conveyed to School District 29 on May 25, 1937 deed recorded book 165 page 201-202, and other school business. The minutes are inside a hard cover book, very sturdy, 9.50"x 11.5". The cover is black with red corners. Original documents.

C-January 1938 - December 1940. Meeting minutes and budget reports, vehicles owned, teacher salaries, cost of lighting the football field, and other school business. The minutes are inside a hard cover book, very sturdy, 9.50"x 11.5". The cover is black with red corners. Original documents.

D-January 1947 - Dec 1950. . Meeting minutes and budget reports, teacher salaries, voting lists, Tally Sheet Poll List (1947) listing 57 names, , letters regarding school consolidation (1949), and other school business. The minutes are inside a hard cover book, very sturdy, 9.50"x 11.5". The cover is black with red corners. Original documents.

E- 1941. Meeting minutes and budget reports, teacher salaries, voting lists, Tally Sheet Poll Lists listing names, teachers requesting a two week vacation, 8 page typed report titled Administrative and Supervisory Report for 1940-1941 and Ideas Regarding 1942- 1943 signed by Myrl Pope Dickinson, tuition list from 1929-1940, and other school business. The minutes are inside a light green folder. Original documents.

F- 1942. Meeting minutes and budget reports, teacher salaries, voting lists, Tally Sheet Poll Lists listing names, complaint of teacher violence to student by parents Eugene and Mrs. McLain for son Jack 1942, and other school business. The minutes are inside a tan file folder. Original documents.

G-1943, 1944, 1945, 1946. Meeting minutes and budget reports, teacher salaries, voting lists, Tally Sheet Poll Lists listing names, and other school business. The minutes are inside a tan file folder. Original documents.

Condition: Good for the age of documents, papers show discoloring. Box 34

Accept – Accession (yet to TOC Room
be done)

651 A-Teachers Monthly Attendance reports 1943 - 1944. These included numbers of students "present, absent, tardy" by class and teacher. No student names. Original documents. Condition: Stable, so of the edges have tearing.

B-1932 - 1933. School Board Minutes. Original documents.

C- 1933 - 1934. School Board Minutes. Original documents.

D - 1931-1932. Board Minutes. Original documents.

E-Letter to the Board of Trustee District No. 9-Jerome and District No. 29-Clarkdale signed by H.P Hughes(?), dated May 14, 1940, original typed mimeographed, 4 page report with 4 pages of exhibit of per annum savings or losses. The report was of the results of a preliminary investigation by Superintendents Mullen and Jones into the possibility of an advantageous legal consolidation of Districts No. 9 and 29.

F: September 1916 - January 21, 1918. School Board Minutes. Original documents. These have information on teachers names and salaries.

G: Teachers Monthly Attendance reports May 1951. These included numbers of students "present, absent, tardy" by class and teacher. No student names. Original documents.

H: Teachers Monthly Attendance reports 1949 - 1950. These included numbers of students "present, absent, tardy" by class and teacher. No student names. Original documents.

I: March 2, 1928 - June 17, 1929. School Board Minutes. Original documents. This includes a Rules and Regulation list about "Employment of married women" and more, discussion of the locker rooms, night school, discussion about erecting a high school building dated 1928, and other school business. Condition: Stable

J: July 1929 - September 1930. School Board Minutes. Original Documents. Discussions include provision of auto (or not), teacher and nurse names, and other school business. Condition: Stable

K: 1930 - 1931. School Board Minutes. Discussions about operational costs, teacher salaries with names, possible use of Clubhouse, school consolidation topic (1931), and other school business. Condition: Stable

L: Text Book Summary, original, dated June 1, 1916 - July 1, 1917, listing the names of books with numbers on hand.

M: Text Book Summary, original, dated June 2, 1917, listing the names of books with numbers on hand. CONTINUED IN NEXT CELL BELOW (N-W)

**Accept – Accession (yet to TOC Room
be done)**

651 **CONTINUED FROM CELL ABOVE** N: Four Tally Sheet Poll Lists, dated March 1916, March 1918, March 29, 1919 and March 27, 1920, originals. Names listed inside. A list of trustees expiring April 1916- typed mimeographed 8.5"x6.25" with 45 names. See above

cont'd O: Special Election May 22, 1915 and July 8, 1916, original papers. 2 blank ballots (1916), letter to have 200, blank ballot (1915), description of the special election (1916) voting whether there shall be established a high school within this district, a notice of the special election (1916) typed 8.5"x13", with a 1913 Law about providing for hours of opening and closing the polls at school elections which was approved in 1915-original print-5.5"x7".

Condition: Stable

P: Attendance Report, dated August 28, 1916 to June 1, 1917. List are number of days taught, days of attendance, absence, enrolled, and averages.

Q: Four attendance reports, originals, no dates listed - discard???

R: Seven Annual Report with names of each child who attended school. There are NO dates. (possibly all for one year and one school), originals, 8.5"x14". (There is one clue on the top of one report "5th grade"--hopefully we can identify these names to put a date with these reports).

S: Monthly Attendance Reports dated 1946 - 1947, originals. T: Monthly Attendance Reports dated 1947 - 1948, originals. U: Monthly Attendance Reports dated 1944-1945, originals.

V: February 1918 - June 1927. An opening Special Meeting, dated February 1, 1918 appointing a Census marshal, members present, James Cook was appointed, legal document for a bond for the school building on Lot No 1,2, and 3 in Block I Humbert Tract (\$30,000) and a school building (\$15,000) dated October 10, 1919, transportation of to haul children to and from TAPCO, Bond in 1923 (\$45,000) for buildings and furniture, 1927 Bond, Voting Poll List of names (1927), meeting minutes and other school business. The minutes are inside a hard cover book, very sturdy, 9.50"x 11.5". The cover is black with red corners. Original documents.

W: December 1927-December 1930. Meeting minutes and budget reports, extensive Clarkdale School Survey by Dr. J.W. Clarson, Jr.(circa 1928)with 17 chapters (about 50 pages?)--interesting read, teacher salaries, poll tallies and other school business. The minutes are inside a hard cover book, very sturdy, 9.50"x 11.5". The cover is black with red corners. Original documents.

X: January 1931 - July 1932. Meeting minutes and budget reports, vehicles owned, teacher salaries, tally poll sheets and other school business. The minutes are inside a hard cover book, very sturdy, 9.50"x 11.5". The cover is black with red corners. Original documents.

Y: August 1932 - March 1934. Meeting minutes and budget reports, expenditure sheets, discussion about continuing Boy Scouts (1932), letter to the county about the tax rates and the financial problems of the county dated February 1933 signed by Carl Hickerson County Superintendent of Schools., school bus accident with Boyer car 1933, letter from the Judge regarding the judgment dated Jan 4, 1933, vehicles owned, teacher salaries and other school business. The minutes are inside a hard cover book, very sturdy, 9.50"x11.5". The cover is black with red corners. Original documents. Condition: Good, the top exterior cover has small amount of deterioration.

TOC Room

- 654 8 3/8 "x11" Book titled Arizona's Future Nineteen Hundred and Sixty-Four, copyright 1964 The Republican State Committee of Arizona, 240 pages.
This significant and beautiful volume contains the finest collection of Arizona facts and photographs ever assembled under one cover. in presenting it, the committee's purpose is to provide an accurate insight into the great state of Arizona, its future, its present, its past, its people, and its amazing progress. Of interest is the chapter for Yavapai County, specifically Clarkdale cement plant mentioned in construction of Glen Canyon Dam on the Colorado River page 134, Tuzigoot page 134, Verde Valley Dwellers / talks of the Indians mainly Montezuma Castle from 1125 - to the Spanish Explorer-miner Antonio de Espejo (400 years ago) to gold prospectors and 1863 territory page 135, full page color photo of Tuzigoot page 137.
Condition: good
- 655 TOC # 655
Community Profile Clarkdale, 8.5"x11", double-sided, original copy, created by Arizona Department of Commerce, June 1994. The statistical information given for population, labor force, growth indicators, scenic attractions, tax rate, weather, community facilities.
Nothing found in archives, other than I remember seeing some of these in TOC boxes. Condition: good
Box 36
- 657 Booklet - Town Hall Clarkdale - history for fun and profit, April 21, 1989, 8.5"x11", 11 single sided pages, original, metal prong clasp binding.
This is a meeting agenda. Opening remarks Richard Thompson Clarkdale Mayor, Earl Bauer Chamber of Commerce President, Keynote speaker Bill Leverton KTSP, includes ideas for the future of Clarkdale in areas such as economic , preservation, recreation, arts committees. The last 3 pages are names and addresses for facilitators and participants.
Condition: Good
- 658 TWO - Booklet titled: Preliminary Arizona State Rail Plan Executive Summary, 1977, 8.5"x11", original. The is a report log with planning, abandonments, quality of rail service for all of Arizona. Included are maps and charts. Clarkdale is mentioned in chart on page 12.
Did not find in archives. Condition: Good
Box 36
- 659 8 1/2 x 11 Report titled: Estimated Salable Values. 77 pages, October 1949. Xeroxed copy, printed on one-side, in a yellow report cover, 3 hole punched.
A comprehensive report which was prepared by Phelps Dodge Corporation "to serve as an aid and basis for the disposal of the Upper Verde Public Utilities water, electric, and housing facilities, together with Phelps Dodge rental property, upon termination of operations at the United Verde Branch." The report also includes similar data on the hospital, club houses, and the Peck's Lake area.
Condition: Good Box 36
- 794 Color print of entryway of Valley View Cemetery framing a snowy Mingus Mtn. No date. Good condition.
- Accept – Accession (yet to be done) TOC Room
- Accept – Accession (yet to be done) TOC Room
- Accept – Accession (yet to be done) TOC Room
- Accept – Accession (yet to be done) TOC Room
Place one edition in archives-vault; place other edition in hall reference library
- Accept- put in Reference Library (DONE) TOC Room
- Accept-accession

795	<i>Three color print-outs on paper of interior of Clark Memorial Clubhouse showing window treatments and flooring. Good condition.</i>	Accept-accession
797	<i>Color prints (3.5x5) of Club Memorial Clubhouse pool reconstruction, dated Apr 1993 (n=17). Good condition.</i>	Accept-accession
798	<i>Color prints(3.5x5) of event at Town Park (n=9) showing Dorothy Benatz, Jim Gemmill, Gayle Mabery. No date.</i>	Accept-accession
799	<i>Color prints (3.5x5) and negatives of recognition event at Clarkdale Library for Dorothy Benatz and Vicki (n=11).</i>	Accept-accession

TC#	Item	Status
800	<i>Negative strips of what appears to be a barbershop quartet. Envelope references "Swingers". [related to pics in ToC# 539 – neg strips moved there]</i>	Accept - accession
803	<i>Color prints (3.5x5) of reconstruction of Clark Memorial Clubhouse pool (n=25). Good condition.</i>	Accept-accession
804	<i>Color prints (3.5x5) and negatives: ToC# 804: Color prints (3.5x5) and negatives: a) Clarkdale Fire Dep't fire truck in Clarkdale area (n=7), 23 Jul 1989 date stamp; b) Clarkdale Fire Dep't building under construction, presumably (n=10), 11 Jul 1989 date stamp c) View of what appears to be, in the distance, the Clarkdale cement plant and the Clarkdale Jerome playing field.</i>	Accept-accession
805	<i>Color prints (3.5x5) and negatives of Clarkdale P.O. (n=49) dedication on 11 Nov 1989.</i>	Accept – accession one set; return duplicates to TOC
806	<i>Color prints (4x5) of 1-3 young ladies at Clark Memorial Clubhouse pool, no date (n=4)</i>	Accept-accession
807	<i>Color prints (3.5x5) of Clarkdale bank interior (n=8) and negatives of bank, primarily the bank vault.</i>	Accept-accession one set of prints (n=5) and return duplicates to TOC; accept negatives
808	<i>Color prints (3.5x5) of Clark Memorial Clubhouse pool demolition (n=11) and negatives. Negative sleeve dated 3-5-93.</i>	Accept-accession
809	<i>Color prints (4x6) of Clark Memorial Clubhouse pool (n=3) including one photo showing hand-painted sign with pool rules, painted by K Olson in 1987.</i>	Accept-accession
810	<i>Color prints (4x6) of Clarkdale water treatment plant (n=11). No date.</i>	Accept-accession
811	<i>Color prints (4x6) of Town of Clarkdale buildings (n=14) including Clark Memorial Clubhouse, library, post office, etc. and Clarkdale fire dep't truck (n=1). No date.</i>	Accept-accession
812	<i>Color prints (4x6) of Clark Memorial Clubhouse (Ladies' Lounge, kitchen, soda fountain/billiard rm, etc. (n=7). No date.</i>	Accept-accession
813	<i>Color prints (3.5x5) of Clark Memorial Clubhouse (n=7). Photos taken from corner municipal bldgs.. No date.</i>	Accept-accession
814	<i>Color prints (3.5x5) and negatives of DARE activities (photo processing envelope dated 18 Nov 1988): a--"D.A.R.E. TO KEEP KIDS OFF DRUGS" sign with 3 men (possibly at school field). No date. n=4 b--"D.A.R.E. TO KEEP KIDS OFF DRUGS" event at Clarkdale-Jerome school field with audience in rock grandstand. Vincent Randall in one pic. (n=13) c--"D.A.R.E. TO KEEP KIDS OFF DRUGS" event at Clarkdale-Jerome school field with audience in rock grandstand showing speaker and channel 12 helicopter.</i>	Accept-accession
815	<i>Color prints (3.5 x 5) of Yavapai College and residences (presumably near the College), n = 8 and negatives, n=12. Photo processing envelope dated 18 Mar 1988.</i>	Accept-accession
816	<i>Color prints (3.5x5) of Peck's Lake, Tuzigoot N.M. monument sign, Clark Mansion and ToC municipal bldgs, n=6. Photo processing envelope dated 18 Mar 1988.</i>	Accept-accession
817	<i>Color prints (3.5x5) of Christmas at the Clark Memorial Clubhouse date from Xmas 1992 (n=18)</i>	Accept-accession
818	<i>Color prints (n=9) of event at Town Park showing Gayle Mabery. Photo processing envelope dated 5 Mar 1993.</i>	Accept-accession
819	<i>Color prints (3.5x5) of people on train and bldgs presumably at the terminus (n=7).</i>	Accept-accession
820	<i>Color prints (3.5x5) of 1990 4th of July Clarkdale parade (n=31) and negatives.</i>	Accept-accession

- 821 *Color prints (3.5x5) of Dec 1990 event on train (presumably VCRR), n=34 and negatives. Photo processing envelope says, "Town party on train".* Accept-accession; return duplicates to TOC
- 822 *Color prints (3.5x5) and negatives of apartments in Clarkdale (n=12). Three of apartments on Geary Heights Dr. Seven of Copper Mtn Apts. Two images of unknown location.* Accept-accession
- 823 *Color prints (3.5x5): a) cement plant (n=4); b) Town (n=5); c) Lamplighter Village (n=1); d) Clarkdale-Jerome School (n=1); and e) rail line with smelter complex in background (n=2). Photo processing envelope dated 18 mar 1988* Accept-accession
- 824 *Color prints: Polaroid (3.5x4.25) images of interior of Clark Memorial Clubhouse and inventory listing prepared presumably by Pat Williams Group A = 9; Group B=10; Group C=10. Prints (3.5x5) of Town Park gazebo (n=3) dated July 1997.* Accept-accession
- 825 *Color prints (3.5x5) n=32 prints and negatives. Photo processing envelope dated 18 Mar 1988. Someone wrote "Panaramo" on photo processing envelope.*
a-Black Hills residences (n=3);
b-Upper Town residences and Town Park (n=3);
c-Lamplighter Village (n=2);
d-View from Tuzigoot bridge and view of Peck's Lake (n=2);
e-Clark Mansion (n=1);
f-Tuzigoot NM monument sign (n=1); Accept-accession
g-Yavapai College Verde Campus sign (n=1);
h-Commercial block (n=1);
i-Town municipal bldgs. (n=3);
j-Cement plant (n=1);
k-Yavapai College bldg.? (n=1);
l-Vista photos taken from Panorama Dr?? (n=15)
- 826 *Color prints (3.5x5):*
a) Interior of (today's) Community Development building, virtually gutted (n=3)
b) Looking up Lisa Ln with Copper Mtn Apts to the right (n=2). Date stamped 3-17-92. Accept-accession
Photo processing envelope dated 7 Apr 1992.
- 827 *Laminated single page announcement for Clark Memorial Clubhouse 70th Anniversary* Accept-accession
- 828 *Newspaper clipping: "Grant money to update Clarkdale's Clubhouse (15 Dec 1976; The Independent). Original news story and xerox copy.* Accept-accession
- 829 *Plaque re Clubhouse Restoration: "Chandelier Reproductions were made possible through generous contributions to the Bette Bell Memorial Fund" (6"w x 8"h)* Accept-accession
- 830 *Color portrait print on cardboard of Dorothy and George Benatz (15"h x 11.5")* Accept-accession

- 832 Folder labeled, "Clubhouse Restoration Grant", containing: Accept-accession
 a) Four-page typed document (all pages with same watermark)-
 -Letter from Clarkdale Mayor, Richard Thompson to SHPO submitting nomination of the Clark Memorial Clubhouse for the Governor's Awards for Historic Preservation (3 Mar 1989)
 -Synopsis re Clark Memorial Clubhouse
 -Two page document summarizing restoration of Clark Memorial Clubhouse b) Three 8"x10" b/w
 modern photo prints of Clark Memorial Clubhouse:
 -Old car in parking lot in front of Clubhouse. Reverse labeled: "Contributed by: Town of Clarkdale Library Archives. Original" [clearly not an original]
 -Clubhouse taken from Main Street direction / clouds in sky. Reverse labeled: "Contributed by: Town of Clarkdale Town Staff. Before restoration"
 -Clubhouse front view w/white car on R side. Reverse labeled, "Contributed by: Town of Clarkdale Town Staff. After Restoration."
- 833 3.5" x 5" color prints and negative strips (c 1983 – 1987 based on Kodak CP 100 5094 code on negatives) Accept-accession
 a) Prints which appear to be early days of Panorama Way subdivision (n=11);
 b) A mobile home park (n=2);
 c) Commercial block looking west. Shows Matt & Eva's and Exxon gas station (n=2);
 d) Municipal bldg. complex (n=4)
 e) Clark Memorial Clubhouse and Church (n=2)
 f) Views of the town from on high (n=6)
 g) Views of Cement plant (n=2)
 Clarkdale-Jerome school? (n=2)
- 835 Two color slides of Tuzigoot N.M.: a) Excavated rooms; b) Tuzigoot overlooking Verde River Accept-accession
- 836 Two color slides of Clark Memorial Clubhouse, Nov 1987. Accept-accession
- 837 Original color print (4x6) of A1 gas station and upper Clarkdale. Good condition. Accept-accession
- 838 B/W photo (likely reproduction, of Lower Clarkdale duplex with active smelter stack in background. Accept-accession
- 841 Xerox copy of page from publication about WAC I and railroads in area. Accept - accession
- 842 Color print (8x10) of gazebo illuminated for Xmas, no date. Accept -accession
- 844 Three color prints (3.5x5) of possible recognition event for man at Clark Memorial Clubhouse. Images date stamped 11 July 1989. Accept -accession
- 845 Two color prints (3.5 x 5) of celebratory event at Clark Memorial Clubhouse. Images date stamped 13 July 1989 Accept -accession
- 846 Three color prints (3.5 x 5) of 4th of July in Clarkdale. Images date stamped 4 July 1989. Accept -accession
- 847 B/w original print (7 x 11) possibly of Clarkdale grandstand showing men in baseball uniforms with "Clarkdale" and "Jerome Miners"(n=1) lettering on the jerseys. May have been pulled out of an album (black paper stuck to back of photo). The same print is in 2011-94-53, but much small Accept -accession
- 848 B/w original print (7 x 11) showing men in baseball uniforms with "Clarkdale" and "WOW" (n=1) on the jerseys. Also two young boys. May have been pulled out of an album (black paper stuck to back of photo). No similar print in archives. Accept -accession
- 849 Xerox copy and 2 photo reprints of football team of boys in front of Clark Memorial Clubhouse with 2 smelter stacks in background. Presumably CHS students. Listing of some players by Jerry Wombacher. Good condition. Accept - accession
- 850 Original b/w photo and Xerox copy of 1961 Mingus JV baseball team in front of Lower Clarkdale school with swings and 2 smelter stacks in background. Players identified. Good condition. Accept -accession

- 851 *Two prints (each with one duplicate) of Clarkdale basketball team assembled around a dining table. Priest also at table. Good condition.* Accept - accession
- 852 *Original b/w print and 2 photo reprints of Clarkdale Wolves (1st string). Photo used in 1947 Alchemist. Players identified by Jess Valdez. Stain on lower R. Some cracking/folds. Otherwise in fair-to-good condition.* Accept - Accession
- 853 *Manila folder containing - Newspaper clippings:*
a- obituary notice (3 Oct 1974) for James Byrkit, supt of milling/smeltering at Clarkdale smelter and supt of Phelps-Dodge smelter in Ajo. He was President of the Clarkdale School Board for 10 yrs. Many other civic contributions.
b- obituary notice for John F. Cowley, former member of Clarkdale Town Council, Clarkdale Kiwanis Club, etc.
c- obituary notice for Charlese R. Kuzell, who started his career at the Anaconda Co in MT, became the Gen'l Supt of UVCC at Clarkdale (1918-1935) and director of Phelps Dodge in 1956
d- church service booklet in memory of Theresa Kuzell
e- "Sports Writers Deplore Death of "Bill" Connor (19 Nov 1948). Bill Connor had served as chairman of the Az state game and fish commission.
f- notice of Margaret Connor retiring as Clarkdale postmaster (her service began in 1949)
Form letter from the President of the U.S., Harry Truman to Margaret Connor, thanking her for her work as a volunteer in the Office of Price Administration (to protect the US "economy against the impact of total war and to assure its consumers fair prices and a fair distribution of needed goods" Accept - Accession
- 854 *Manila folder containing –*
a- Tuzigoot brochure. 5 cents. Issued by US Gov't Printing Office in 1968.
b- Aerial view of Clarkdale, undated, on paper (8.5 x 10.5). Demarcation line possibly around UVCC/Phelps Dodge property.
c- Small b/w photo (2 x 3.5) of Spanish Colonial Revival house (undated). Accompanying paper indicates the house is located at 1420 2nd South, Clarkdale.
d- "Service Roll" with names denoted as casualties or MIA.
e- Brochure for Jerome – Largest Ghost City in America (4 editions). Undated, however the centerfold map doesn't show I-17.
f- Song sheet for "In Arizona" by Mrs. J. T. Farley, ©1934. The verse begins, "Out in Arizona in a place they call Sedona..."
g- Song sheet for "The Arizona Song", ©1950. Accept – accession:
a through c
Return to ToC:
d- already archived in the Collection
e- reco ToC offer to the JHS.
f- reco offer to the SHS
g- not specific to Clarkdale
- 855 *Manila folder containing:*
a- page from PAY DIRT publication (29 July 1968) providing table of data on "Final Full Cash Value, Producing Mines Totals by Counties, Arizona". For Yavapai County, Phoenix Cement Co. is listed with 1967 valuation of \$1.3MM and 1968 cash value of \$5.8MM.
b- Aerial view with key entitled "Tuzigoot Project". Land areas demarcated as "authorized Tuzigoot boundary" and "Phelps Dodge (Planned Verde Valley Ranch Development)", the latter overlapping the Tuzigoot area. See inventory line item between TOC# 553 and 554 for this and other Verde Valley Ranch items.
c- Order shipment packing lists (n=2) addressed to Dave Teague at the Verde Valley Country Club for golf supplies (March 1987 and June 1989) Accept - Accession
- 856 *Color prints (3.5 x 5) of event at Clark Memorial Clubhouse (n=17), possibly of Town staff? No date. Good condition.* Accept - accession
- 860 *B/w print of Clarkdale wastewater treatment plant. On reverse side of image is marked, "photo by Gary Romig" of Jerome, Az.* Accept - accession

- 861 Four photos of bridges:
a-Clarkdale foot bridge with two women on bridge. Possibly swinging bridge on Rincon. 8.5" x 11". Print on paper. Good condition. Small post-it note affixed to image says, "Clarkdale Foot Bridge. About 1917-1918. Mrs. Roy Hill and Bea Shumaker".
b-Reproduction photo (7" x 5") showing Bitter Creek bridge with smelter in background (one smoke stack belching smoke).
c-Old bridge to Tuzigoot showing Verde River at flood stage (3.5" x 5"). Reverse side of photo: "Old bridge to Clarkdale from Club"
d- Bridge over dry riverbed with 4 metal truss spans. Unknown location. Reverse: "Bridge at Clarkdale over the Verde River".
Accept- accession a through c; Return to TOC item d
- 862 Original b/w print of women in front of Clark Memorial Clubhouse stage with Xmas tree and Santa Claus. Women appear to be in costume. No date. 6.5" x 10.75"
Accept - accession
- 863 Original b/w print (8" x 10") of Clarkdale Town Council (no date). Info Rae (former archivist) rec'd from First Friday event indicates the men seated in the pic were Ray Pecharich, Bob DeVault, Herb Young, Dr. Bright, Joe Wombacher and Bud Lindner. Good condition.
Accept - accession
- 868 Eight color photos (and negatives) of Clarkdale bridges and sewage treatment plant (26 Jul 1979):
a)Deception Wash at Hwy 279 / 89A
b)Bitter Creek RR crossing at confluence
c)Sewage treatment plant
d)Bitter Creek & Broadway
e)Bitter Creek & RR crossing
All labeled on reverse
Accept - accession
- 869 Two black and white photos (2.5" x 3.5"). Labeled with names, Buddy Lyson and Benji. One photo with Ralph Durnez which has a backdrop landscape which might be the Black Hills.
Accept - accession
- 872 Twelve b/w photos of the Verde Valley Country Clubhouse and golf course with people in the majority of the photos. Can't determine if these are original photos. The CHS&M has some of these images but not all. Handwriting on reverse of pics.
a-Two pics of Clubhouse and 3 golfers in front of Clubhouse
b-Two pics of women and men. Women are very dressed up. One pic has a man riding a burro next to a group of women. The reverse says, "What the well dressed golfer didn't wear in the 30's"
c-Five pics labeled on reverse as 1 Tee, 2 green, 3 green, 4 green, 4 tee. 3 green pic shows slurry pipeline and 2 smelter stacks
d-Three pics: well-dressed lady golfer, a couple on the course (slurry pipeline in back) and three people and dog on bench (reverse: "in front of Clubhouse")
Accept - accession
- 873 Ticket for "Don's Last Dollar. Every Friday. Rialto and Grand Theatres. On the ticket is handwritten the name and addressed for Roberta Davis, Box 452, Clarkdale".
Accept - accession
- 874 Note about Hans Zeller, a foreman at the smelter. He was blacklisted for siding with his crew for better working conditions and eventually lost his job.
Accept - accession
- 875 Wood sign, "Cart House No. 4" (5" x 43"). Fair condition: wood is quite dry and lettering is worn.
Accept - accession
- 877 Large vintage glass light shade (~14" diameter). White opaque and clear glass sections. Fair condition - bottom has a crack. Prior inventory indicates this was a school light shade, but there is no documentary evidence available to support this.
Accept - accession
- 878 Large vintage glass light shade (~17" diameter). White opaque glass. Prior inventory indicates this was a school light shade, but there is no documentary evidence available to support this. Looks identical to the light shade in the main exhibit room of the CHS&M. Good condition.
Accept - accession
- 879 Brass (?) light fixture ceiling/wall mount with porcelain lightbulb mount (wires still attached). Good condition. No provenance.
Accept - accession
- 881 Clarkdale townsite map labeled as "Phelps Dodge Corporation, United Verde Branch, Miscellaneous Properties and Dwellings, Clarkdale, Arizona, March-April 1935."
Accept - accession
- 882 Town map, labeled "Map of Clarkdale, Yavapai County Arizona showing Sewer and Water Systems, March 1931"
Accept - accession

883	<i>Map labeled "Map of Clarkdale, Yavapai County, Arizona, Sections 19 and 20, Township 16 N, Range 3E, Scale: 1" = 100', August 1951"</i>	Accept - accession
884	<i>Map labeled "Map of Clarkdale, Yavapai County, Arizona, Sections 19 and 20, Township 16 N, Range 3E, Scale: 1" = 100', August 1951" Same map as item #3, but shows homesites of upper and lower town with sewer lines marked in red ink</i>	Accept - accession
885	<i>Black and white parchment-type paper unnamed map of lettered blocks of sections with numerous lots, believed to be Valley View Cemetery.</i>	Accept - accession
887	<i>Rolled, loose ledger pages "List of Men Laid Off, Account Reduction in Force Aug 1939"</i>	Accept - accession
888	<i>Blueprints of Clarkdale hospital dining quarters (Dec 11, 1919) on wax parchment</i>	Accept - accession
889	<i>Blueprints labeled "Clarkdale Townsite, Hospital and Dining Quarters, Remodeling of Hospital for Dwelling" on wax parchment</i>	Accept - accession
891	<i>Set of 13 architectural drawings; all separate elements of "Community Clubhouse, United Verde Copper Co., Clarkdale, Arizona; by "Fitzhugh and Byron, Architects" dated 8/28/1925</i>	Accept - accession
893	<i>Undated, but modern looking "Town of Clarkdale, Conceptual Park Master Plan" color drawing</i>	Accept - accession
894	<i>Blueprint copy labeled "Four-room brick cottage, plans, elevations and details" Date 7/29/1913</i>	Accept - accession
895	<i>Set of five separate blueprint copies labeled "Clarkdale Townsite Four Room Houses, 1930</i>	Accept - accession
896	<i>Set of nine architectural drawings of Town government buildings labeled "Town of Clarkdale Master Plan" dated 12/17/2002</i>	Accept - accession
897	<i>Set of two map drawings labeled "Results of Survey" showing Town buildings section of Clarkdale dated 12/4/2002</i>	Accept - accession
899	<i>"Water Company Parcels" showing Panorama Drive west of upper town (no date)</i>	Accept - accession

<u>TC#</u>	<u>Description</u>	<u>Status</u>
900	Architectural drawing "Clarkdale Public Library Renovation" dated 1/30/1995	Accept-accession
901	Loose ledger sheets, "Upper Verde Public Util Co." (3 pp.); list of names, with smelter [employee] number, rent and utilities charges for each, dated December 1937	Accept-accession
902	Town of Clarkdale [downtown] Parking Study (three sheets): 1) restriping plan, 2) existing conditions, 3) bulb outs; dated 4/6/2000	Accept-accession
904	Home blueprint copy labeled "Clarkdale Townsite Five Room House, dated 2/27/1930	Accept-accession
906	Verde Copper News photocopy: October 14, 1927 front page (3 copies)	Accept one; return duplicates to TOC
907	Verde Copper News photocopies: June 14, 1927: front page x3, page 2 x2, page 5 x3, page 6 x4, page 9 x3	Accept one; return duplicates to TOC
908	Verde Copper News photocopy: May 31, 1927: front page x5	Accept one; return duplicates to TOC
909	Map photocopy "Town of Clarkdale Historic District" edge has handwritten "1996 historical district submitted"	Accept-accession
912	Black metal frame with glass, black matting; panoramic photo of Lower Town Grade School with all students and teachers in front	Accept-accession
913	Wooden frame with glass, white matting; panoramic photo of Lower Town Grade School with all students and teachers standing in front	Accept-accession
914	Black metal frame with glass; B&W photo inside of "Arvizos Bar" with people in front	Accept-accession
915	Black wooden frame with glass; B&W photo inside of Clarkdale Baseball team	Accept-accession
916	Wood frame with glass; color photo inside of about 25 people in front of Clubhouse	Accept-accession
922	Black metal frame with glass and letter inside from Herb Young, Town Clerk to Mr. Arvin Small	Accept-accession
923	Brass engraved plaque on wood backing "1965 Arvin Small, Verde Valley Man of the Year"	Accept-accession
929	Apparent copy (purple mimeograph tint) of architectural drawing of outline of Clarkdale Clubhouse parcel with stamp of architect Harold Hallett (unmarked)	Accept-accession
930	Copy (purple mimeograph tint) of architectural drawing of outline of Clarkdale Clubhouse parcel with stamp of architect Harold Hallett (notes and numbers written on copy in pencil)	Accept-accession
931	Copy (purple mimeograph tint) of architectural drawing labeled "Town of Clarkdale Clubhouse Parking Lot" with stamp and	Accept-accession
932	Drawing of front elevation of CMCH signed "Katie Hofbauer '97" (clean copy)	Accept-accession

934	Sleeve with five small cut-out newspaper advertisements for businesses in Clarkdale; cut-outs are 3" x 4" or smaller; yellowed but unknown date; unknown newspaper; W. P. Scott (furniture); Lamberson's Tailor Shop; Clarkdale Millinery; Schott's Bakery; Coliseum Theater	Accept-accession
935	Sleeve with five small cut-out newspaper advertisements for businesses in Clarkdale, unknown newspaper; one ad has a partially visible date on back of Nov. __, 1919; Clarkdale Tailors and Cleaners; L. W. Pugh Lumber Co.; Mike Loftus' Place; Coliseum Theater; Verde District Laundry	Accept-accession
936	Plastic sleeve with two cut-out newspaper advertisements: Scott's Combined Shows (carnival) and Yavapai Motors Co	Accept-accession
937	Plastic sleeve with cut-out newspaper advertisement: Wingfield Commercial Co. in Clarkdale	Accept-accession
938	Plastic sleeve with two cut-out newspaper advertisements: Clarkdale Moose Lodge dance and Pearl Oil from Standard Oil Co. in Clarkdale	Accept-accession
939	Plastic sleeve with cut-out newspaper advertisement for Hunter & Richards car dealership in Clarkdale; new Chevrolet car prices \$860 to \$1,395	Accept-accession
940	Plastic sleeve with newspaper advertisement for American Legion Dance in Clarkdale; unknown newspaper; ad includes header with "Jerome, Arizona, May 26, 1920."	Accept-accession
941	Plastic sleeve with newspaper advertisement: \$5,000 per acre in Iowa Park	Accept-accession
943	Drawing on bond-type paper entitled "The Heart of Arizona" (two copies)	Accept-accession
944	#1 Plastic negative-film-like material copy of [Clark] community Clubhouse architectural drawings, dated August 31, 1925. Number in bottom R corner is 2091; taped to a plain orange 10" x 12" paper backer.	Accept-accession
945	#2 Plastic negative-film-like material copy of [Clark] community Clubhouse architectural drawings, dated August 31, 1925. Number in bottom R corner is 2090; taped to a plain orange 10" x 12" paper backer	Accept-accession
946	#3 Plastic negative-film-like material copy of [Clark] community Clubhouse architectural drawings, dated August 31, 1925. Number in bottom R corner is 2089; taped to a plain orange 10" x 12" paper backer.	Accept-accession
947	#4 Plastic negative-film-like material copy of [Clark] community Clubhouse architectural drawings, dated August 31, 1925. Number in bottom R corner is 2088; taped to a plain orange 10" x 12" paper backer	Accept-accession
948	#5 Plastic negative-film-like material copy of [Clark] community Clubhouse architectural drawings, dated August 31, 1925. Number in bottom R corner is 2087; taped to a plain orange 10" x 12" paper backer.	Accept-accession
949	#6 Plastic negative-film-like material copy of [Clark] community Clubhouse architectural drawings, dated August 31, 1925. Number in bottom R corner is 2083; taped to a plain orange 10" x 12" paper backer.	Accept-accession
950	#7 Same as above; 2082	Accept-accession
951	#8 Same as above; 2081	Accept-accession

952 #9 Same as above; 2080	Accept-accession
953 #10 Same as above; number missing	Accept-accession
954 #11 Same as above; 2084	Accept-accession
955 #12 Same as above; 2085	Accept-accession
956 #13 Same as above; 2086	Accept-accession
958 Two wooden voting booths each consisting of two three feet by three feet side walls with a horizontal desk surface in between; the side walls have three foot legs so that the top of the wall is about six feet tall. The side walls and desk fold into a nearly flat structure.	Accept-accession
960 Water-tank type "Fofire" brand fire extinguisher that is operated by inverting the tank and spraying water from a small hose attached to the tank. Top has a crankable wheel to open the extinguisher to refill it. Tank is copper color and may possibly be made of copper. Front of tank has instructions for refilling with a water-baking soda mixture.	Accept-accession
965 Burroughs brand manual typewriter with extra-wide platen (roller). Has a card attached that reads "BURROUGHS TYPEWRITER ORIGINAL TO CLARKDALE BANK, Donated by Rose Ohwiler"	Accept-accession
969 Large (approximately 30" wide by 60" tall) wooden framed window screen, with copper screen material. Has a printed note attached indicating that the screen is made of copper.	Accept-accession
973 Heavy metal plaque attached to a wood backer reading in part, "this edifice [clubhouse] was erected" thanks to the trust arrangement made by William A. Clark "as a manifestation of appreciation of the loyalty of his employees" dated A.D. 1926	Accept-accession
976 National brand reel-to-reel tape player with amplifier and attached speakers, with a tape still on spools. Entire unit folds into a heavy carrying case 17" wide by 15" high by 11" long. [More info on PP entry	Accept-accession
MISSING ITEMS	
VVCC Marker	not located
Paintings on slate (6)	not located
Flour sack (one similar item already counted - could be an error)	maybe miscounted
Two additional boxes of silver/China	found - two boxes of silverware

TOC Room Bookshelf Inventory

<u>Description</u>	<u>Date</u>	<u>Other #</u>	<u>Size</u>	<u>No. of Pages/Condition</u>
# 1 Spine labeled "CASH" inside cover has Clarkdale Improvement Co. stamped	1919	CD 96-74	16 x 11	66 two-sided pages
# 2 "	1920-22	CD 96-73	16 x 11	203 two-sided pages
# 3 Spine labeled "Clarkdale Imp. Co." "CASH" "1923"(receipts)	1923	CD 96-84	17 x 16	59 two-sided pages; spine broken
# 4 "	1924	CD 96-85	17 x 16	52 two-sided pages
# 5 "	1925	CD 96-86	17 x 16	48 two-sided pages
# 6 "	1926	CD 96-87	17 x 16	50 two-sided pages
# 7 "	1927	CD 96-114	17 x 16	45 two-sided pages
# 8 "	1928	CD 96-88	17 x 16	43 two-sided pages
# 9 Spine labeled "Clarkdale Imp. Co." "BANK" "1923" - Check numbers and payees	1923	CD 96-78	16 x 11	44 two-sided pages
# 10 "	1924	CD 96-79	16 x 11	39 two-sided pages
# 11 "	1925	CD 96-80	16 x 11	45 two-sided pages
# 12 "	1926	CD 96-81	16 x 11	38 two-sided pages
# 13 "	1927	CD 96-82	16 x 11	41 two-sided pages
# 14 "	1928	CD 96-83	16 x 11	46 two-sided pages
# 1 Spine has no label; on front: Clarkdale Improvement Co.; pages labeled "Voucher Register"	1913 to 1919	CD 94-95	20 x 16	100 two-sided pages
# 2 Spine: "U.V.C.C." "VOUCHER RECORD"	1920 to 1923	CD 94-64	23 x 16	88 two-sided pages
# 3 Spine: "C.I. Co." "VOUCHER REGISTER"	1924 to 1927	CD 94-67	23 x 16	95 two-sided pages
# 4 Spine: "C.I. Co." "VOUCHER REGISTER"	1928 to 1934	CD 94-66	23 x 16	96 two-sided pages
# 5 Spine: "Accts. Receivable Register" Clarkdale Improvement Co.	1924 to 1927	CD 96-281	19 x 12	100 two-sided pages
# 6 (spine broken)	1920 to 1923	CD 96-279	19 x 12	86 two-sided pages
# 1 "LEDGER" "Clarkdale Improvement Co." Inside cover is loose index page. Apparent assets and liabilities and expenditure book	1913 to 1920	CD 94-98	13 x 18	340 single-sided pages
# 2 "JOURNAL" Upper Verde Util. Co 1913 to __ record of expenditures to businesses	1913 to 1921	CD 94-96	13 x 18	376 single-sided pages

# 3 "RENTAL RECORD" Clarkdale Improvement Co. Alphabetical listing of rental tenants and receipts with addresses	1913 to 1914	CD 96-89	15 x 16 30 two-sided pages
# 4 UVPU Co. "CASH" on spine	Dec 1913 to March 1919	CD 96-44	13 x 18 446 single-sided
# 5 "Cash Book" on cover; inside UVPU Co stamped	March 1919 to	CD 96-71	11 x 16 83 two-sided
# 6 "Cash Book" no other label on outside; UVPU Co stamp on inside pgs	1920 to 1922	CD 96-72	11 x 16 249 two-sided
# 7 UVPU Co. BANK: Payee, check number and amount; B of Ariz. Tab near end	1923	CD 96-30	16 x 11 24 two-sided pages
# 8 BANK 1924: has "Bank of Arizona" tab near end of book	1924	CD 96-31	16 x 11 24 two-sided, plus 2 at B of Ariz tab
# 9 BANK 1925: "B' of Ariz." tab, "First Natl of NY" tab	1925	CD 96-32	16 x 11 28 two-sided, plus 2 more at each tab
# 10 BANK 1926: "B. of Jerome" and "First Natl of NY" tabs	1926	CD 96-33	16 x 11 24 two-sided, plus 2 more at ea . Tab
# 11 BANK 1927: "B. of Jerome" and "First Natl of NY" tabs	1927	CD 96-34	16 x 11 25 two-sided plus 2 more at ea tab
# 12 BANK 1928: "B. of Jerome" and "First Natl of NY" tabs	1928	CD 96-35	16 x 11 24 two-sided, plus 2 more at ea . Tab
# 13 BANK 1929: B of Jerome and First Natl entries in back of book	1929	CD 96-36	16 x 12 49 two-sided, plus 4 near end
# 1 (nothing on cover) Clarkdale Improvement Co. General Labor Distribution	1924 to 1928	CD 96-119	14 x 28 est. 200 double-sided pages
# 2 CIC	1925	CD 94-55	12 x 18 122 single-sided
# 3 CIC	1926	CD 94-56	12 x 18 120 single-sided
# 4 CIC	1924	CD 94-54	12 x 18 120 single-sided
# 5 Clarkdale Improvement Co. Ledger; first page is table of contents	1923	CD 96-280	12 x 18 120 single-sided
# 6 CIC	1928	CD 94-57	12 x 18 121 single-sided, no book cover

# 7 (loose-not in book) list of Clarkdale properties by [lot?] number then by occupant with net revenue for each	1938	CD 96-108	11 x 17	five single-sided pages
# 8 "INDEX" Clarkdale Improvement Co.	unknown	CD 96-77	10 x 16	
# 9 "D.E. Ledger" on cover; inside cover: Clarkdale improvement Co Supplies, Upper Verde Public Util.Co. Warehouse Stock	1918 to 1919	CD 96-76	8 x 13	86 single-sided pages
# 10 Clarkdale Improvement Co. Acct #95 payroll suspense; only 3 pages used; est. 50 entries total	Jan 1914 to 1928	CD 96-276	8 x 11	
# 11 Clarkdale Improvement Co. Acct #96 Partial Payments, Liberty Bonds. Also on cover: A/C 10, Accounts Payable from 1/1/1934	April 1920 to Dec 1934	CD 96-275	8 x 11	
#12 No title on front or spine; plain black cover. Town of Clarkdale Record of expenditures by date and category. Pages have alphabetical letter tabs	1972 to 1977	no CD number	13 x 10	approx 150-200 pages
#1 UVPU Co. JOURNAL; label on front "N.G." only first 9 pages used; starts Nov. 1913, ends Dec. 1913; apparent initial copy of other JOURNAL (left shelf #4 above) that is completely filled in	Nov to Dec 1913	CD 96-28	13 x 18	fair condition; placed behind other books on left shelf #2
# 2 UVPU Co. LEDGER; label on front: "N.G." Many pages used but none have more than 2 or 3 entries; none beyond Dec 1913; apparent initial copy of other UVPU LEDGER for 1913 listed above	Nov to Dec 1913	CD 96-29	13 x 18	"
# 1 BANK 1930; First Natl entries only near end	1930	CD 96-37	16 x 11	47 two-sided, plus 2 near end
# 2 BANK 1931: "	1931	CD 96-38	16 x 11	36 two-sided, plus 2 near end
# 3 BANK 1932: "	1932	CD 96-39	16 x 11	35 two-sided, plus 2 near end
# 4 BANK 1933: "First Natl of NY" tab	1933	CD 96-40	16 x 11	35 two-sided, plus 2 near end
# 5 BANK 1934: [also includes 1935]	1934 and 1935	CD 96-41	16 x 11	76 two-sided, plus 2 near end
# 6 UVPU Co. 1936 BANK:	1936	CD 96-42	11 x 16	58 two-sided
# 7 UVPU Co 1937 BANK	1937	CD 96-43	10 x 16	53 two sided
#8 UVPU CASH	1923	CD 96-45	11 x 16	65 two sided
# 9 UVPU CASH	1924	CD 96-46	11 x 16	58 two-sided
# 10 UVPU CASH	1925	CD 96-47	12 x 16	52 two-sided
# 11 UVPU CASH	1926	CD 96-48	12 x 16	52 two-sided

# 12 UVPU CASH	1927	CD 96-49	12 x 16	48 two-sided
# 13 UVPU CASH	1928	CD 96-50	12 x 16	48 two-sided
# 14 UVPU CASH	1929	CD 96-51	15 x 16	68 two-sided
# 15 UVPU CASH	1930	CD 96-52	15 x 16	71 two-sided
# 16 UVPU CASH	1931	CD 96-53	15 x 16	64 two-sided
#17 UVPU CASH	1932	CD 96-54	15 x 16	45 two-sided
# 18 UVPU CASH	1933	CD 96-55	15 x 16	77 two-sided
# 19 UVPU CASH	1935	CD 96-56	15 x 16	55 two-sided
# 20 UVPU CASH	1936	CD 96-57	15 x 16	49 two-sided
# 21 UVPU CASH	1937	CD 96-58	16 x 15	59 two-sided
# 22 UVPU CASH	1950	CD 94-84	16 x 15	96 two sided
#1 No writing on cover or spine; corduroy-type fabric on cover. Ledger listing "To" [names and companies], "For", "Date Paid" "Check Number" and "Credit Account Payable"	1913 to 1928	CD 96-115	16 x 28	149 two-sided pages; good cond
#2 Upper Verde Public Utilities Co. ledger Jerome and Clarkdale expenditures to businesses est. 200pp.	Mar. 1920 to Dec 1932	CD 96-16	14 x 28	est. 150 pp.
#1 "JUSTICE CIVIL DOCKET" Clarkdale Precinct Pleading forms from 1929 to 1930 generally, with some entries dated 1931-1933; civil cases	1929-1933	CD 96-249	19 x 12	hard bound book of loose pages bound together; good condition; about 200 pages total; Pgaes numbered up to 250, then numbers start over at 1
#2 Criminal Docket, Clarkdale Justice Precinct, Yavapai County on cover. Original criminal complaint forms bound in a book, typed. Various dates from 1929 to 1931; not in chronological order; many blank complaint forms. Two loose typed letters under the name Frank E Smith, Justice of the Peace, Verde Valley Precinct, to Charles Wilson. Five or six loose summons, subpoenas and "execution" forms under the Justice Court headinng. Two loose handwritten notes signed by "Chas S. Wilson" (deputy sheriff)	1929 to 1931	CD 96-253	17 x 12	hard bound book of loose pages bound together; good condition; about 200 pages total

#1 Upper Verde Farm & Orchard Stock Book; sort of inventory of different products (hardware, farm & food items), listed by various local ranches	1913	CD 96-124	18 x 24	Est. 200 pp. with A-Z alpha tabs
#2 Voucher Register Upper Verde F & O (Farm & Orchards) on spine; financial records - expenditures ("voucher register") some is farm payroll info	Jan 1913 to Dec 1918	CD 96-92	16 x 26	Corduroy-like material on cover; 96 two-sided pages
#1 Upper Verde Public Util. Co. payroll with names and jobs typewritten (est 25 per pay period)	Jan 1920 to Dec 1928	CD 96-123	22 x 26	est 150-200 pp
#1 Upper Verde Public Utilities Co. Time Book. Payroll records for about 28 employees, names and jobs handwritten; also includes hospital deductions for each ee	Jan 1914 to Nov 1919	CD 96-121	22 x 26	Employees signed names in book as 'received'; est 250-300 pages
#2 Upper Verde Public Utilities Co. payroll with names (no jobs)	Jan 1941 to Jan 1949	CD 96-126	18 x 20	est. 80 pp
#1 Clarkdale Improvement Co. Payroll. Records for employees with names and jobs handwritten (est 80-90 per pay period), est	July 1916 to Dec 1919	CD 96-125	22 x 27	est 250 pp
#2 Unlabeled graph paper that has some kind of graphic tracing (like seismograph). paper is generically labeled "Stevens Water Level Recorder, Type L"	May 2 to May 10 1955	CD 96-127		est. 40 pp.
#1 Clarkdale Improvement Co. payroll with names and jobs handwritten/typed	Jan 1920 to Dec 1928	CD 96-118	22 x 26	est. 300 pp
#1 "UVPU Voucher Record," January 1920 to December 1926 Date, Voucher #, To, For columns, businesses and people		CD 94-65	22 x 16	91 two-sided
#2 "UVPU Voucher Record," January 1 1927 to Dec. 31, 1931		CD 94-68	22 x 16	96 two-sided
#3 "UVPU Voucher Record," January 1948 to May 1954		CD 94-82	22 x 15	140 two sided
#4 "Ledger, UV Farm & Orchard Co" Entries for Nov. 1913 only	1913	CD 96-23	12 x 18	Total book is 395 pages but only few out of first 250 have any writing
#5 "CASH, UV Farm & Orchard Co" Entries for Nov 1913 to July 1928. payment and receipt info mostly to people		CD 96-24	12 x 18	241 single-sided

#6 "Journal, U V Farm & Orchard Co." Nov 1913 Dec 1928 record of expenses and accounts receivable to people and businesses	CD 96-90	18 x 13	269 single sided
#7 "LEDGER, U V Farm & Orchard Co." Dec 1913 to June 1922 expenses for different categories on each page	CD 96-91	18 x 12	379 single-sided
#1 Accts Receivable Jan 1925 to Dec 1928; names and businesses and amounts [no company identity]	CD 94-60	17 x 15	75 two-sided
#2 Accts Receivable Jan 1940 to Aug 1942	CD 94-80	17 x 15	75 two-sided
#3 Accts Receivable Sept 1942 to Oct 1944	CD 94-79	17 x 15	74 two-sided
#4 Accts Receivable Nov 1944 to June 1947	CD 94-78	17 x 15	75 two-sided
#5 Accts Receivable July 1947 to Aug 1949	CD 94-81	17 x 15	75 two-sided
#6 [no spine] Accounts Receivable Ledger Jan 1921 to Dec 1924	CD 94-59	17 x 15	75 two-sided
#7 "UVPU Voucher Record," Jan 1942 to Dec 1947	CD 94-83	21 x 16	152 two-sided
#8 "UVPU Voucher Record," Jan 1938 to Dec 1941	CD 94-91	21 x 15	104 two-sided
#9 "UVPU Voucher Record," Jan 1935 to Dec 1937	CD 94-92	21 x 15	97 two-sided
#10 UVPU Co. 1931 Accounts (details same as above)	CD 94-90	12 x 18	208 single-sided
#11 UVPU Co. 1937 Accounts (on first page) Monthly balances of specific accounts; has table of contents at beginning. Business and accounting categories; no names	CD 94-88	12 x 18	208 single-sided
#12 UVPU Co. 1936 Accounts (on first page) Monthly balances of specific accounts; has table of contents at beginning. Business and accounting categories; no names	CD 94-89	12 x 18	208 single-sided
#13 VOUCHER REGISTER, Town of Clarkdale (on cover) 1957 to 1971 List of payees: names and companies relating to the town 1957 to 1971; one oddball loose page that says FYE 1982 in front	CD 96-107 (CD 94-66?)	12 x 12	approx 100 pages (not numbered)
#14 "PETTY CASH" on cover; first page "Petty Cash, Town of Clarkdale. Appears to be petty cash expenditures 1958 to 1982; handwritten entries	CD 96-107	8 x 12	approx 50 pages

#1 On cover "U.V. Farm & Orchard Co. Stock Book" Initial pages labeled "Sales Record for [month, year]" about 20 pages then 20 pages labeled with "Fruit in cold storage," 20 pages of "Fruit house produce"	1913 to 1916	CD 96-122	23 x 18	
Entries listed by dates. Last half of book has alphabetized letter tabs, but totally blank pages				
#2 No label on book; pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" Business and accounting categories; no names. Pages have alphabetical letter tabs. List of names and, credits, balance due, lights, water for each month of 1940	Jan to Dec 1940	CD 96-103	22 x 16	57 two-sided pages
#3 Black and red book with "LEDGER" on spine Appears to be an alphabetical list of members and their fees and some building expenses. Includes loose documents relating to Clarkdale Country Club		CD 96-75	14 x 9	76 single-sided pages; good cond
1- Queen Insurance Co. policy for building and piano, dated 1924;				
2- Handwritten list of names with fees by each (paid or owed) 2pp.				
3- Typed list of members(?) dated April 17, 1918				
#1 "CURRENT C. I. C. & U. V. P. U. Co." on cover Possibly expenditures by categories: Gen'l Dist., Shop Op., Auto-Truck Op.; many entries, but organization hard to understand; when dates are listed, they seem to go from newer to older; several pages for each month Jan. 1924 back to May 1920. No names or companies listed	1920 to 1924	CD 96-120	28 x 14	
#2 "INDEX" and stamp "Upper Verde Public Utilities Co." on cover. Few entries, categories or companies; no names; seem to relate to utilities or public works	no dates	CD 96-27	10 x 16	approx 50 pages
#3 "INDEX" on cover; inside stamped "Upper Verde Farm & Orchard Co. Pages have alphabetical letter tabs. Few entries except for ranches (Jordan, Old Reservation, Turner Black Ranch, Shea Home Ranch and others; handwritten entries list a 3 -digit number	no dates	CD 96-117	10 x 16	

#4 "JOURNAL" on spine List of names and companies with check number and amount for each	Jan 1938 to Dec 1938	CD 96-117	9 x 14	101 single-sided pages
#5 Label "Guaranteed Deposits Houses Jan. 1921 to Dec. 1929" List of names and amount collected for rent (?)		CD 96-278	10 x 13	
#6 Label on front "Upper Verde Public Utilities Co., Jerome & Clarkdale, Feb 1919 to ____" List of expeditures by category; no names or companies listed	Feb 1919 to Sept 1919	CD 96-26	10 x 13	
#7 Label "Upper Verde Public Utilities Co. Guaranteed Deposits Houses Jan 1 1930 to Dec 31, 1937" List of names and amount collected for rent (?)		CD 96-277	9 x 11	135 single-sided pages
#1 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1926. Few pages in back labeled "Centerville" and "Peck's Lake"	Jan to Dec 1926	CD 96-62	22 x 16	68 two-sided pages
#2 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1925. Few pages in back labeled "Centerville"	Jan to Dec 1925	CD 96-98	22 x 16	58 two-sided pages
#3 No label on book, no binding at all, pages just tied together with string; List of names (alphabetical) and, credits, balance due, lights, water for each month of 1924. Few pages in back labeled "Centerville"	Jan to Dec 1924	CD 96-61	22 x 16	48 two-sided pages
#4 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1923. Few pages in back labeled "Centerville"	Jan to Dec 1923	CD 96-60	22 x 16	65 two-sided pages

#5 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1921. No pages labeled "Centerville"	Jan to Dec 1921	CD 96-95	22 x 16 37 two-sided pages
#6 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1920. No pages labeled "Centerville"	Jan to Dec 1920	CD 96-96	22 x 16 approx 35 two-sided pages
#7 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1919. No pages labeled "Centerville"	Jan to Dec 1919	CD 96-97	22 x 16 approx 35 two-sided pages
#1 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1933. Few pages in back labeled "Peck's Lake" (no Centerville) and "Lamp Sales"	Jan to Dec 1933	CD 96-64	22 x 16 approx 30 two-sided pages; some pages may be missing; order is mixed up
#2 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1932. Few pages in back labeled "Lamp Sales"	Jan to Dec 1932	CD 96-99	22 x 16 40 two-sided pages
#3 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1931. Few pages in back with names not in alpha order, one "Peck's Lake" page	Jan to Dec 1931	CD 96-100	22 x 16 53 two-sided pages

#4 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1930. Few pages in back labeled "Centerville" and "Peck's Lake"	Jan to Dec 1930	CD 96-101	22 x 16	58 two-sided pages
#5 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1929. Few pages in back labeled "Centerville" and "Lamp Sales"	Jan to Dec 1929	CD 96-103	22 x 16	64 two-sided pages
#6 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1928. Few pages in back labeled "Centerville" "Lamp Sales" "Dance Hall" "Peck's Lake"	Jan to Dec 1928	CD 96-63	22 x 16	70 two-sided pages
#7 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1927. Few pages in back labeled "Centerville"	Jan to Dec 1927	CD 96-104	22 x 16	70 two-sided pages
#1 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1939. Few pages in back labeled "Peck's Lake"	Jan to Dec 1939	CD 96-102	22 x 16	55 two-sided pages

#2 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1938. Few pages in back labeled "Centerville" and "Electrical & Water"	Jan to Dec 1938	CD 96-69	22 x 16	55 two-sided pages
#3 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1937. Few pages in back labeled "Lamps"	Jan to Dec 1937	CD 96-68	22 x 16	59 two-sided pages; water damage on front page
#4 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1936. Few pages in back labeled "Lamps"	Jan to Dec 1936	CD 96-67	22 x 16	48 two-sided pages
#5 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1935. Few pages in back labeled "Lamp Sales"	Jan to Dec 1935	CD 96-66	22 x 16	31 two-sided pages
#6 No label on book, no binding at all, pages just tied together with string; Pages headed with "Upper Verde Public Utilities Co." "Customer's Ledger" List of names (alphabetical) and, credits, balance due, lights, water for each month of 1934. Few pages in back labeled "Lamp Sales" & "Centerville"	Jan to Dec 1934	CD 96-65	22 x 16	21 two-sided pages
#1 No writing on cover; black and red ledger book. Names and some companies listed with amounts; can't tell what kind of payments or receipts.	1932 to 1936	CD 94-93	17 x 15	75 two-sided pages; fair cond; cover separated

#2 No writing on cover; black and red ledger book. Insurance data: home addresses listed with policy limit and premium for each; also policy info for various buildings and structures; envelope inside book with documents regarding insurable values of Phelps Dodge property	1927 to 1953	CD 94-61	17 x 15	75 two-sided pages; fair cond; cover separated; some water dmg
#3 No writing on cover; black and red ledger book. Has alpha tabs and entries; companies or vendors are listed with amounts paid(?); alpha order for each 12 months from 1947 to 1951	1947 to 1951	CD 94-69	14 x 16	76 two-sided pages; good cond
#4 No writing on cover; black and red ledger book. Has alpha tabs and entries; companies or vendors are listed with amounts paid(?); documents date from 1948 to 1953	1938 to 1943	CD 94-94	13 x 16	149 two-sided pages; good cond
#5 Black book, "RECORD OF EXPLOSIVES" Inside cover and pages "Jerome Verde Copper Co." Dates, amounts, type and from whom explosives were received	1916 to 1917	no CD number	16 x 10	book is approx 100 pages; only first 20 or so have entries; good condition
#6 Specifications for Community Club House for United Verde Copper Company, Clarkdale , Arizona / Fitzhugh & Byron Architects, Phoenix, Arizona. Not bound; has index at front		CD 96-127		40 pages typed on onion skin paper

<u>Furniture</u>	<u>Location</u>	<u>Notes</u>
Double-sided wood desk	Entry Area	
Wooden desk chairs (2)	Entry Area	
Dark blue floral tub Ladies' Lounge chairs/wood trim (2)	Entry Area	
Tall solid blue fabric Ladies' Lounge chair	Entry Area	
Table lamp copper/parchment	Entry Area	
Floor lamp copper/parchment	Entry Area	
Ashtray copper	Entry Area	
Tri-fold table	Entry Area	
Oak Cigar Display Case (25" deep x 93" wide x 43.5" high)	Main Exhibit Room (Native American Exhibits)	
Original auditorium curtain sample	TOC Room	
Partial curtain stencil	Jail	
Framed curtain stencil	Jail	
Piece of clubhouse drapery	TOC Room	
Ballot box	Kitchen	
1962 General Election Ballot	Jail	
Bent wood upholstered rocking chair [Entered in Past Perfect, ID # 2008-088-01]	Jail	
Print of prehistoric scene painting	TOC Room	
<u>Other Items</u>		
Frank Staley photo album (Clubhouse photos)		Photos removed and scanned; stored separately in collection
Mounted map of Clarkdale showing contributing properties in historic district	TOC Room	

CLARKDALE HERITAGE CONSERVANCY BOARD (HCB) ITEMS

<u>Item</u>	<u>HCB ID #</u>	<u>PP ID #</u>	<u>Location</u>	<u>Notes/TOC #</u>
<u>Library</u>				
Guide to Prehistoric Ruins of the Southwest	2010-008-001	2019-1-1	Lib Box 18	TOC # 347; accepted
The Tambien Project	2010-011-001	2019-2-1 to 2019-2-7	Arch Box 18	TOC #351; accepted
Annual Report 1962 APS	2010-012-001			Missing (no TOC number)
Arizona's Future 1964	2010-014-001			TOC #654; accepted, not yet accessioned
Arizona Facts - Flying the Colors	2010-037-001			Missing (no TOC number)
Community Profile - Clarkdale	2010-038-001			TOC #603; accepted, not yet accessioned
Arizona Places Names	2010-039-001	2017-41-1	Lib Box 17	TOC # 345; accepted
Town Hall - Clarkdale History for Fun & Profit	2010-040-001			TOC #657; accepted, not yet accessioned
Preliminary Arizona State Rail Plan	2010-042-001			TOC # 658; accepted - may be one in reference library
Arizona's Five-Year Construction Prog 1976-77	2010-043-001			Missing (no TOC number)
Arizona's Five-Year Construction Prog 1978	2010-043-002			Missing (no TOC number)
Hogback Cemetery Jerome	2010-045-001			In kitchen with other cemetery documents
Zoning Code - Proposed - Town of Clarkdale	2010-047-001			Missing (no TOC number)
Draft Environmental Statement Williams Highway Proposal	2010-048-001			Missing (no TOC number)
Estimated Saleable Values Plant and Housing UVPU Co	2010-063-001			TOC # 659; accepted - ref library
Out of Verde Valley kitchens	2010-067-001	2017-38-1		TOC # 342; accepted
Tuzigoot: The excavation & Repair of a Ruin	2010-068-001	2017-39-1		TOC # 343; accepted
The Verde Valley of Arizona	2010-069-001	2017-36-1		TOC # 340; accepted
Tour Historic Clarkdale: A Company Town	2010-070-001	2017-35-1		TOC # 338;accepted
<u>Archives</u>				
Explanation of Past Perfect Items	2010-006-001			Missing (no TOC number)
In Search of the Enchanted plane Wreck by Jesus Valdez (DVD)	2010-010-001	2008-032-01	CD Storage Box	TOC # 367; accepted

Clarkdale HS Letterman's Sweater	2010-033-001	TOC # 554; accepted - not yet accessioned
Form 3988 Time Record	2010-050-001	TOC # 641B; accepted - not yet accessioned
Form 3988 Time Record	2010-050-002	TOC # 641A; accepted - not yet accessioned
Postmaster Account and Record Book	2010-051-001	TOC # 638A; accepted - not yet accessioned
Postmaster Account and Record Book	2010-051-002	TOC # 638B; accepted - not yet accessioned
Postmaster Account and Record Book	2010-051-003	TOC # 638C; accepted - not yet accessioned
Cash Book for Money Order Business	2010-052-001	TOC # 640A; accepted - not yet accessioned
Cash Book for Money Order Business	2010-052-002	TOC # 640B; accepted - not yet accessioned
Third Class Postmaster's Account Book	2010-053-001	TOC # 639A; accepted - not yet accessioned
Third Class Postmaster's Account Book	2010-053-002	TOC # 639B; accepted - not yet accessioned
Third Class Postmaster's Account Book	2010-053-003	TOC # 639C; accepted - not yet accessioned
Letter of Transmittal for Stamp Stock	2010-054-001	TOC # 637F; accepted - not yet accessioned
Division of Stamps	2010-055-001	Missing (no TOC number)
Letter to Postmaster	2010-056-001	TOC # 637E; accepted - not yet accessioned
First Assistant Postmaster general	2010-057-001	TOC # 637D; accepted - not yet accessioned
Labor Saving Devices 1930	2010-058-001	TOC # 637C; accepted - not yet accessioned
Statement of Differences in Postal Account	2010-059-001	TOC # 637A; accepted - not yet accessioned

Inventory of Unissued Stamped Envelopes	2010-060-001			TOC # 637B; accepted - not yet accessioned
<u>Objects</u>				
Token for Cigar Store	2010-064-001			TOC # 365; accepted - not yet accessioned
Token for Cigar Store	2010-064-002			TOC # 365; accepted - not yet accessioned
Museum Renovation CD	2010-065-001	2023-30-1; 2023-30-4 (photos)		TOC # 364; accepted
Clarkdale Dairy Milk Bottle Caps	2010-071-001		kitchen	TOC # 356; accepted
Clarkdale Dairy Milk Bottle	2010-072-001	2019-5-1	on exhibit	TOC # 355; accepted
Copper magnets	2010-073-001	2023-30-6	Obj Box 25	TOC # 366; accepted
Notary Seal Press	2010-074-001		office (for china certs)	TOC # 354; accepted
Candlesticks	2010-075-001	2019-4-1	Obj Box 19	TOC # 353; accepted
Pulley	2010-076-001			TOC # 363; accepted - MISSING
Scrapbook	2010-077-001	2019-8-1	Arch Box 19	TOC # 360; accepted
Scrapbook	2010-077-002	2019-7-1	Arch Box 19	TOC # 359; accepted
Ladies Lounge Desk	2010-079-001		Entry way	
Cigar Display Case	2010-080-001		Main Exhibit Room	
Scrapbook	2010-081-001	2019-6-1	Arch box 19	TOC # 358; accepted
Scrapbook	2010-082-001	2019-10-1	Arch box 19	TOC # 362; accepted
Scrapbook	2010-083-001	2019-9-1	Arch box 19	TOC # 361; accepted
Scrapbook	2010-084-001	2019-12-1	Arch box 20	TOC # 369; accepted
Scrapbook	2010-085-001	2019-11-1	Arch Box 24	TOC # 368; accepted
Scrapbook	2010-086-001	2019-13-1	Arch Box 24	TOC # 370; accepted
Song Book	2010-087-001	2019-25-1	Arch Box 24	TOC # 371; accepted
Magazine: Arizona ClubWoman August 1994	2010-088-001	2019-26-1	Lib Box 18	TOC # 372; accepted
Magazine: Arizona ClubWoman Jan-Feb 1995	2010-088-002	2019-26-2	Lib Box 18	TOC # 372; accepted
Magazine: Arizona ClubWoman Mar-April 1995	2010-088-003	2019-26-3	Lib Box 18	TOC # 372; accepted
Magazine: Arizona ClubWoman Spring-Summer 1995	2010-088-004	2019-26-4	Lib Box 18	TOC # 372; accepted
<u>Photos</u>				
Connolly Family Photos	2010-013-001	2017-40-1	Photo Box 16	

Four-inch binder with numerous original photos, postcards and reproductions from the HCB that have not yet been sorted

TOC # 569; accepted but not yet accessioned

Display Boards

Verde Copper News Oct. 14, 1927 Front page	2010-025-001	TOC Room	no TOC #
Photos of William A. Clark with daughters	2010-027-001	TOC Room	no TOC #
Photos of Men's Lounge (Staley Collection)	2010-026-001A	TOC Room	no TOC #
Photos of Library-Reading Room (Staley Collection)	2010-026-001B	TOC Room	no TOC #
Photos of Clubhouse Auditorium (Staley Collection)	2010-026-001C	TOC Room	no TOC #
Verde Copper News June 14, 1927 Page 2	2010-024-001B	TOC Room	no TOC #
Verde Copper News June 14, 1927 Page 6	2010-024-001D	TOC Room	no TOC #
Verde Copper News June 14, 1927 Front Page	2010-024-001A	Front Entry Dis	no TOC #
Verde Copper News June 14, 1927 Page 5	2010-024-001C	Front Entry Dis	no TOC #
Verde Copper News June 14, 1927 Page 9	2010-024-001E	Front Entry Dis	no TOC #
Photos of Clark and Smelter and Workers	2010-022-001	TOC Room	no TOC #
Town of Clarkdale Historic District Map	2010-019-001	TOC Room	no TOC #
Cutout Magazine Article from Arizona Highways July 1998: Clarkdale, The Town that Saved Itself	2010-018-001	TOC Room	no TOC #
Photos of Powerhouse and other smelter facilities	2010-023-001	TOC Room	no TOC #
Photos of Santa fe Train Station	2010-020-001	TOC Room	no TOC #
Smelter Times - Photos donated by Phelps Dodge	2010-017-001		Missing
Photo of Fountain that was once in Clarkdale Park	2010-021-001		Missing
Photos of the brick stack, Cottrell Plant and map of smelter 1932	2010-028-001		Missing

File Cabinet

Three file cabinet drawers of miscellaneous reference materials and administrative records from the Historical Conservancy Board

no TOC #

<u>Folder #</u>	<u>Title</u>	<u>Drawing #</u>	<u>Date</u>	<u>Notes</u>
TOWNSITE				
<u>Drawer 1</u>				
1	Clarkdale Subdivision	--	--	Yavapai Indian Reservation
2	Phelps Dodge Corporation, United Verde Branch Miscellaneous Properties & Dwellings, Clarkdale, AZ	--	March —April 1935	Inset map: Detail of Mercantile Row (incl. museum), Residences, Rio Vista; PP 2022-9-1
3	Clarkdale Townsite, Subdivision of blocks 61-62-63 & 64, Houses, sewers & water lines	251-215	11/27/1929	Outline of residences on 1st, 2nd and 3rd South Streets and 14th, 15th and 16th Streets
4	None	--	--	No identifying information; Map outline of structures in Upper Town, Lower Town, Patio Town and Rio Vista
5	None	None	None	Map of Upper Town and Lower Town (by block #), Patio Town and Rio Vista; Bottom margin: "Don W Ryden AIA Architects Inc. Architecture, Planning, Historic Preservation"
<u>HOUSES</u>				
<u>Drawer 2</u>				
6	CDW 95-48 Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton Design A	Sheet #1	1930	Pencil drawn with colored pencil sketch; prepared by: Douglas Honnold, AIA / John Rex AIA, Los Angeles
7	CDW 95-49 Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton, Revised 3 Room House, Design C	Sheet #2	1930	"
8	CDW 95-50 Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton, Revised Design B	Sheet #3	1930	"
9	CDW 95-51 Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton, 4 Room House #1	Sheet #4	1930	"

10	CDW 95-52 Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton	Sheet #5	1930	"
11	CDW 95-53 Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton, Design #2	Sheet #7	1930	"
12	CDW 95-54 Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton, Scheme No. 3-S	Sheet #8	1930	"
13	CDW-95-55B Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton, 5 Rm Brick Cottage #1 — J 272-4	Sheet #9	1930	" Remodel #3
14	CDW-95-55A Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton, 5 Rm Brick Cottage #2	Sheet #9A	1930	" Hole in center of paper
15	CDW-95-56 Revisions to Houses at Clarkdale, Ariz. for Erle P. Halliburton, Scheme #4	Sheet #11	1930	" Remodel 2
<u>Drawer 3</u>				
16	House No. 10 United Verde Copper Co., Jerome, Ariz.; Brick Cottages, 4 Rooms, No. 2, Floor Plan & Front Elevation	1 257-24-H1	24-Jul-13	Blueprint — folds in print; break in one
17	House No. 11 United Verde Copper Co., Jerome, Ariz.; Brick Cottages, 3 Rooms, No. 1, Floor Plan & Front Elevation	J257-28H1	25-Jul-13	Blueprint — folds in print; break in one
18	As Built 1924 Erle P. Halliburton DBA United Verde Copper Co., Jerome, Az.; 3 & 4 Room Houses at Clarkdale, Alternate Elevations for Designs B&D	270-12	4-Dec-24	Adhesive label on folder says, "English Cottag
19	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, 3 Room Houses — 1925 Design "B" Plans, Elevations, Details	270-15	13-Jul-25	Blueprint; Details include design of linen closet; Map and key to type/color of roof for houses on 1st North St.; Door and Window Schedule

20	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Four Room Houses No. 1 - 1930 Plans, Elevations, Details	271-18	27-Feb-30 Original blueprint. Mylar and paper copies. Door and window schedule.
21	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Four Room Houses No. 1 -5, 1930 Plans, Elevations, Details	271-19	27-Feb-30 Original blueprint. Mylar and paper copies (one with adhesive label: CDW 95-45) Door and window schedule. Spanish style
22	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Four Room Houses No. 2 - 1930 Plans, Elevations, Details	271-20	27-Feb-30 Original blueprint. Mylar and paper copies. Detail includes section detail of front porch Door and window schedule
23	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Four Room Houses No. 2 -5, 1930 Plans, Elevations, Details	271-21	27-Feb-30 Original blueprint. Mylar and paper copies. Detail includes detail of attic vents. Door and window schedule. Spanish style
24	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Four Room Houses No. 3 -5, 1930 Plans, Elevations, Details	271-22	27-Feb-30 Original blueprint. Paper copies (one with adhesive label: CDW-95-43) Detail includes a) wood porch grilles and b) details in front porch parapet.
<u>Drawer 4</u>			
25	Erle P. Halliburton DBA Upper Verde Public Utilities Company, Clarkdale, Arizona 4 Room Brick Cottage No. 2 - Plans, Elevations & Details	257-25	29-Jul-13 Original plan (with a few holes). Mylar and pa

26	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Four Room & Five Room Houses - 1930 Typical Structural Details	271-23	27-Feb-30 Original blueprint and one paper copy (with #CDW-93-49) Details of: a) typical chimney cap; b) piers "A"; c) concrete splash slabs; d) vertical section detail thru typical gable; e) section through sleeping porch house no. 2 with wood siding; f) typical sectional diagram of shingle roof framing; g) typical sectional diagram of flat roof framing; h) typical foundation details, e.g., crawl trench details, rear entrance platform and steps, etc.; i) outlet boxes & cond. heads; j) typical section thru wood stud and masonry parapet walls and k) typical section thru eave cornices.
27	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Four & Five Room Houses No. 3 -5, 1930 Typical Window, Door & Frame Details	271-24	27-Feb-30 Original blueprint and three paper copies. Also includes details of vents (louvre, foundation).
28	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Four & Five Room Houses - 1930 Typical Mill Details, Legend & Room Schedule	271-25	27-Feb-30 Original blueprint and paper copies. Detailed sketches including: a) fixed benches and free standing tables in breakfast nook of houses no. 1 and no. 1-5; b) sink cabinet and cupboards in kitchens;; c) typical broom closet, medicine cabinet, linen cabinet, and more. Room Schedule describes for each house (No. 1 thru No. 5) the floor, walls, ceiling finish, and wood trim. The Legend provides the Key to Materials and Key to Symbols for plumbing and electrical features.

29	United Verde Copper Co., Jerome, Ariz.; Floor Plan, Elevations and Details, Five Room Brick Cottage No. 1, Right hand house (porch on right side)	J2-- [cannot read]	6-Feb-14 Original plan + one mylar copy and + paper copy. Rear and side elevations show what screened porch would have looked like from the outside. Card in folder says, "Donated by Jo Becchetti See" – don't know if this card actually belongs to this folder or not.
30	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Five Room Houses No. 4, 1930 Plans, Elevations, Details	272-26	27-Feb-30 Original plan and paper copies. Includes window and door schedule. Details include drawing of arched opening from living to dining room, roof plan, etc.
31	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Five Room Houses No. 4-S, 1930 Plans, Elevations, Details	272-27	27-Feb-30 Original plan and paper copies. Spanish style. Includes window and door schedule. Details include drawing of arched opening from living to dining room, roof plan, etc.
32	CDW 96-214 United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Five Room Houses No. 5 & 5A, 1930 Plans, Elevations, Details	272-28	27-Feb-30 Original blueprint, mylar copy, paper copies. Includes window and door schedule. Details include drawing of arched opening from living to dining room, roof plan, etc.
33	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Five Room House, 1930, Heating System - House 5A TOWN BUILDINGS <u>Drawer 5</u>	272-29	24-Feb-30 Original blueprint, mylar copy, paper copies.
34	Erle P. Halliburton DBA Upper Verde Public Utilities Company, Clarkdale, Arizona Restaurant Building for Charley Hong - Plan and Perspective	J 279-2H1	23-Dec-13 Original (?) plan and mylar copy. Plan shows a) exterior (side and front) and b) floor plan: cashier at front, 1 st and 2 nd class dining rooms, kitchen and living quarters.
35	Erle P. Halliburton DBA Upper Verde Public Utilities Company, Clarkdale, Arizona Restaurant Building for Charley Hong - Foundation Plan and Details	J 279-3	26-Dec-13 Original (?) plan.

36	Erle P. Halliburton DBA Upper Verde Public Utilities Company, Clarkdale, Arizona Restaurant Building for Charley Hong - First Floor Plan & Four Elevations		J 279-4	6-Jan-14	Original (?) plan and mylar copy. Elevations: front, east, west and alley.
37	Erle P. Halliburton DBA Upper Verde Public Utilities Company, Clarkdale, Arizona Restaurant Building for Charley Hong - Details		J 279-9	7-Jan-14	Original (?) plan. Drawing details include: gable, louver frames, front porch, alley, entrance, etc.
38	CDW-96-268A Verde Copper Co., Jerome, Ariz. Building at Clarkdale, System for Filing Drawings	United General Office	J-181-1F	30-Nov-12	Original (?) plan and mylar copy. Includes design of cabinet to hold blueprints and tracings.
39	CDW-96-265A Verde Copper Co., Jerome, Ariz. General Office Building at Clarkdale, First & Second Floor Plans, Perspective.	United Proposed	J-181-12(?) [difficult to read]	9-Mar-14	Original (?) plan –somewhat faded - mylar copy and paper copy.
39	CDW-96-265A Verde Copper Co., Jerome, Ariz. General Office Building at Clarkdale, First & Second Floor Plans, Perspective.	United Proposed	J-181-____ [difficult to read]	5-May-14	Original (?) plan –somewhat faded – and mylar copy. “1914” on façade peak. Porch on all 4 sides. First floor plan shows rooms for time keeper, labor welfare, stenographers, manager, store room, vaults, telephone exchange, toilets, purchasing & accounting departments, purchasing agents, and chief clerk. Second floor plans shows rooms for President, engineers, toilets, railway (office, auditor, superintendent), rate clerk, General Manager, drafting department and stenographers. Also includes (partial) basement plan (storage and vaults)
40	CDW-96-274A Verde Copper Co., Jerome, Ariz. Building, Vault Details	United General Office	J-181-30	29-Aug-14	Original (?) plan, mylar copy and paper copy

41	CDW-96-267A Verde Copper Co., Jerome, Ariz. Building, Plan Second Floor & Roof Cross Section; Detail of Monitor	United General Office	missing	9-Jul-14 Paper copy and mylar copy.
42	CDW-96-270A Verde Copper Co., Jerome, Ariz. Building, Steel Details	United General Office	J-181-19	24-Jul-14 Paper copy and mylar copy.
43	CDW-96-269A Verde Copper Co., Jerome, Ariz. Building, Basement & Foundation. Plan & Details.	United General Office	J-181-15	26-Jul-14 Paper copy and mylar copy.
44	CDW-96-271A Verde Copper Co., Jerome, Ariz. Building, Plumbing and General Lavatory Details <u>Drawer 6</u>	United General Office	J-181-26	14-Aug-14 Paper copy and mylar copy.
45	CDW-96-275A Verde Copper Co., Jerome, Ariz. Building, Heating and Ventilation, Basement – Attic – Floors – Etc	United General Office	J-181-32	31-Oct-14 One paper copy and one mylar copy.
46	CDW-96-273A Verde Copper Co., Jerome, Ariz. Building, Miscellaneous Steelwork	United General Office	J-181-31	24-Dec-14 One paper copy and one mylar copy.
47	CDW-96-272A Verde Copper Co., Jerome, Ariz. Building, Counters & Fittings	United General Office	J-181-28	24-Apr-15 One paper and one mylar copy.
48	United Verde Copper Co., Clarkdale, Arizona Foundation Plan, Hospital		251-5-M No. 5	23-Aug-19 One blueprint
48	Not titled		251-6-M No. 3	One blueprint. Faint/hard-to-read. Includes cabinetry, window & door schedule. Crayon pencil note on blueprint: "Not built thus. See UVC trace 251-155 as built".
48	Dining Quarters, Clarkdale Hospital, Clarkdale, Ariz.			One blueprint. Very faint and hard-to-read. One side of print shows dining room, pantry and kitchen. Other side of print shows exterior of building.

49	United Verde Copper Co., Clarkdale, Arizona Plan, Improvement Co. Office	Floor	251-5-M No. 2	23-Aug-19	One blueprint. Shows counter, show case, lavatories, store room
49	United Verde Copper Co., Clarkdale, Arizona Foundation Plan, Improvement Co. Office		251-5-M No. 1	23-Aug-19	One blueprint.
50	United Verde Copper Co., Clarkdale, Arizona Foundation Plan, Post Office		251-5-M No. 7		One blueprint.
50	United Verde Copper Co., Clarkdale, Arizona Plan, Post Office	Floor	251-5-M No. 8	23-Aug-19	One blueprint. Shows location of lavatory, vault and radiators.
51	CDW-96-258A Verde Copper Co., Clarkdale, Arizona #2 Foundation	United Roaster plant	357-3	15-Aug-19	One paper copy.
52	United Verde Copper Co., Clarkdale, Arizona Storage Bins, Foundation Plan. Typical Details	Coke	J-185-4	23-Sep-16	One paper copy and one mylar copy. Label added to print: CDW-96-255A Note on print: "VOID. REJECTED NOV. 20, '16"
52	United Verde Copper Co., Clarkdale, Arizona Storage Bins, Foundation Plan.	Coke	J-185-3	20-Oct-16	One paper copy and one mylar copy. Label added to print: CDW-96-254A Shows coke (rail)track to blast furnaces
52	United Verde Copper Co., Clarkdale, Arizona Storage Bins, Foundation Plan. Typical Details	Coke	J-185-6	15-Nov-16	One paper copy and one mylar copy. Label added to print: CDW-96-256A
53	United Verde Copper Co., Clarkdale, Arizona ton Coke Storage Bin, Typical End Sections Thru Bin & Tunnel	500-	J-185-7	18-Nov-16	One paper copy and one mylar copy. Label added to print: CDW-96-257A
<u>Drawer 7</u>					
54	CDW-96-249A Verde Copper Co., Clarkdale, Arizona Reverberatory Furnace, General Drawing of Furnace and Buckstays etc.	United No.1	not visible	26-Jun-16	One paper copy
55	United Verde Copper Co., Clarkdale, Arizona Reverberatory Furnace No. 4, Foundation, Plans, Sections & Elevations.		J 164-29	26-Jun-16	One paper copy and one mylar copy. Handwritten note on plan: "Void. Superseded by 164-40" Label added to print: CDW-96-279A
55	United Verde Copper Co., Clarkdale, Arizona Reverberatory Furnace No. 4, Foundation.		J 164-40	18-Dec-16	One paper copy and one mylar copy. Label added to print: CDW-96-248A
56	CDW-96-250A Verde Copper Co., Clarkdale, Arizona Reverberatory Furnace No. 4, Foundation-Sections	United	J 164-43	30-Jan-17	One paper copy and one mylar copy.

57	CDW-96-251A Verde Copper Co., Clarkdale, Arizona Reverberatory Furnace No. 4, Steelwork for Foundations, Anchor Bolts, Rods Reinforcing	United J 164-41-H1	12-Feb-17	One paper copy and one mylar copy. Plan includes table of Bill of Material (rods, pipes, etc.)
58	CDW-96-278A Verde Copper Co., Clarkdale, Arizona Reverberatory Furnace No. 5, Foundation	United J 164-47	14-Jun-17	One paper copy and one mylar copy.
59	United Verde Copper Co., Clarkdale, Arizona Research Laboratory, Foundation.	183-42	9-Jan-28	Two paper copies and one mylar copy. Label added to print: CDW-96-276A
59	United Verde Copper Co., Clarkdale, Arizona Research Laboratory, General Building Details.	183-43	28-Jan-28	Two paper copies and one mylar copy. Shows typical design of outside doors and windows. Label added to print: CDW-96- 276A
60	United Verde Copper Co., Clarkdale, Arizona House 1924 Cooling Pond, Gen. Arrangement & Details	Power missing	21-Feb-24	One paper copy and one mylar copy. Label added to print: CDW-96-259A
60	United Verde Copper Co., Clarkdale, Arizona House 1924 Cooling Pond, Details of Spray Piping	Power 170-?	10-Mar-24	One paper copy and one mylar copy. Label added to print: CDW-96-253A
60	United Verde Copper Co., Clarkdale, Arizona House 1924 Cooling Pond, Details	Power 170-?	5-Mar-24	One paper copy and one mylar copy. Includes table of List of Material (valves, bolts, etc.) Label added to print: CDW-96- 252A
61	United Verde Copper Co., Clarkdale, Arizona House Main Floor, Column Details & Column Piers	Power 170-?	13-May-24	One paper copy and one mylar copy. Label added to print: CDW-96-261A
61	United Verde Copper Co., Clarkdale, Arizona House North of #4 Columns, General Arrangements & Sections	Power 170-?	11-Jul-24	One paper copy and one mylar copy. Includes: a) switchboard floor plan; and b) ground floor plan (layout of transformers, generators, compressors, etc.) Label added to print: CDW-96-263A
62	CDW-96-260A Verde Copper Co., Clarkdale, Arizona Main Floor, Stair Details	United 170-? Power House,	17-Jun-24	One paper copy and one mylar copy.
63	United Verde Copper Co., Clarkdale, Arizona House Main Floor Between Cols. #4 & #8 Framing Plan & Details	Power missing	27-May-24	One paper copy and one mylar copy. Label added to print: CDW-96-262A

63	United Verde Copper Co., Clarkdale, Arizona House Main Floor Between Cols. #4 & #8 Concrete Floor & Grating Plan & Details <u>Drawer 8</u>	Power missing	2-Jul-24	One paper copy and one mylar copy. Label added to print: CDW-96-264A
64	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	20__	28-Aug-25	Original blueprint (R side edge extensively torn), paper and mylar copies. Includes: Details of concrete floor over basement, etc. Details of beams over proscenium arch, balcony, openings between lounge and billiard rooms, etc.
65	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2080	28-Aug-25	Original blueprint (R side edge extensively torn). Another original blueprint that is mostly intact but missing the date box. Marked with crayon pencil as "Found Plan" and "278-3-M". A paper copy of this edition. Includes: pier footing schedule, basement & foundation plan, detail of foundation vents, plan of balcony, etc.
66	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2081	28-Aug-25	Original blueprint. Includes: a) window schedule; b) door schedule; c) plan showing foyer, auditorium and stage wing, Women's Club Room, Library, West Terrace, East Terrace, Men's Lounge, Billiard room, card rooms, fountain, toilets, etc. Reverse side marked: CDW-96-129.
66A	Partial blueprint for plan #2081. Mounted onto a board. Some loss at left edge where the print is freed from mounting board.			See drawer #8, folder #66.

67	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2082	28-Aug-25	Original blueprint (R side torn; some loss). Another original blueprint that is mostly intact. Marked with crayon pencil as "Roof Plan & Details" and "278-3-M". Paper and mylar copies of this edition. Includes: a) foyer elevation; b) profiles and section of cornice; c) details of dutch door, etc. Reverse side marked: CDW-96-130
68	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2083	28-Aug-25	Original blueprint. Another original blueprint. Marked with crayon pencil as "General Elevation, outside" and "278-3-M". Paper and mylar copies of this edition. Includes: a) north, east, south and west elevations; b) detail of copper flashing; c) detail of chimney, etc.
69	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2084	28-Aug-25	Original blueprint. Paper and mylar copies. Another original blueprint. Marked with crayon pencil as "278-3-M". Includes: a) elevation of fountain in billiard room; b) sections thru Women's Club Room and Men's Lounge, Billiard Room, Auditorium; c) longitudinal section of building, etc.
70	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2085	28-Aug-25	Original blueprint. Paper and mylar copies. Includes details of: a) kitchen sink and cupboards; b) medicine cabinet; c) dresser in women's toilet; d) counter in library, etc.
71	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2086	28-Aug-25	Original blueprint. Paper and mylar copies. Includes: a) details of casement and door frames; b) elevation of auditorium windows showing location of bars; c) details of coal door, etc.

Drawer 9

72	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2087	28-Aug-25	Another original blueprint. Marked with crayon pencil as "Gallery, Foyer - Auditorium" and "278-3-M". Paper and mylar copies of this edition. Includes: a) sections thru foyer & balcony, balcony stairs; b) part elevation of ticket booth, etc.
73	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2088	28-Aug-25	Original blueprint. Paper and mylar copies. Includes details for: a) auditorium entrance; b) entrance to Women's Club Room; c) art stone vents in foundation under rear terrace; d) pilaster cap on auditorium walls, etc
74	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2089	28-Aug-25	Original blueprint. Paper and mylar copies. Includes details for: a) entrance to Men's Lounge; b) front terrace railing; c) stairs to stage doors; d) elevations of picture booth, etc.
75	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2090	28-Aug-25	Original blueprint. Paper and mylar copies. Includes: a) plans showing radiator locations, cement floor markings and aud. ceiling panels; b) fireplace details, etc.
76	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2091	31-Aug-25	Original blueprint (tear and loss at bottom R corner. Paper and mylar copies. Includes: a) room schedule; b) plan showing steam heating pipe sizes and locations; c) detail of auditorium wall treatment & trim; d) wainscot rail; e) plan of basketball court, etc. Room Schedule lists: a) floor type; b) base; c) wainscot; d) walls; e) casing; f) picture mould; g) ceiling.

77	United Verde Copper Co., Clarkdale, Ariz. Clarkdale Townsite, Water and Sewer Lines for Community Club House	251-198	28-Oct-27 Original blueprint. Shows plumbing lines from Clubhouse -> Catholic Church -> Post Office and C.I.Co. Office -> Residence -> Community Church. Handwritten on reverse side: CDW-96-212
78	United Verde Copper Co., Clarkdale, Ariz. Diagram of Light and Power Circuits, Clark Memorial Clubhouse		8-Oct-36 Original blueprint
79	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2094	28-Jan-26 Original blueprint
80	Community Club House, United Verde Copper Co., Clarkdale Fitzhugh and Byron, Architects	2092	28-Aug-25 Original blueprint
81	Clubhouse (?), Metal Gate (expandable) <u>Drawer 10</u>	278-4-M	25-Mar-36
82	Community Club House, United Verde Copper Co., Clarkdale	278-5-M	20-May-26 R.E. McKee, General Contractor Boys and Girls Lockers and Storage Rooms
82	Community Club House, United Verde Copper Co., Clarkdale	278-5-M	Revised basement plan under stage; layout for boys and girls locker rooms, storage room, boiler/coal room, janitor's quarters (bedroom, living room, kitchen)
83	Community Club House, United Verde Copper Co., Clarkdale	278-5-M	First floor: layout showing entryway leading to foyer with women's anteroom and toilet to L and check room, and men's anteroom and toilet to R Beasement: layout showing trap door in auditorium floor, bedroom, living room, kitchen, fuel bin and boiler.
83	Community Club House, United Verde Copper Co., Clarkdale	278-5-M	13-Jun-30 Field measurements - boys and girls locker rooms

84	Community Club House, United Verde Copper Co., Clarkdale	278-5-M	19-Apr-26	Drawing 2093-A Sketch for proposed locker rooms for boys and girls, bowling alleys, coal/boiler room, bed/bath/living room and kitchen, etc.
84	Community Club House, United Verde Copper Co., Clarkdale	278-5-M	29-Aug-27	Door from landing; girls locker to auditorium. Not a blueprint, but a pencil drawing on yellowed paper
85	Community Club House, United Verde Copper Co., Clarkdale	278-6-M	7-Jul-26	Cigar counter, soda counter, tobacco wall case, sink, etc. Designs by Weber Showcase & Fixture Co., Los Angeles
85	Community Club House, United Verde Copper Co., Clarkdale	278-6-M	26-Jul-26	Fountain
86	Community Club House, United Verde Copper Co., Clarkdale	278-6-M		Bowling alley
86	Community Club House, United Verde Copper Co., Clarkdale	278-6-M	30-Jun-26	Soda fountain & fixture plan. Cigar case
87	Community Club House, United Verde Copper Co., Clarkdale	278-6-M	25-May-26	Billiard room, revised plan. East end library, revised plan
87	Community Club House, United Verde Copper Co., Clarkdale	278-6-M	Jun-26	Drawing 2081-A. Soda fountain and equipment. Cigar case.
88	Community Club House, United Verde Copper Co., Clarkdale	278-6-M	3-May-26	Proposed additional bowling alley. By R.E. McKee, contractor.
89	Community Club House, United Verde Copper Co., Clarkdale	278-7-M	11-Jun-25	Details for erecting type-B racks Plan by Durand Steel Locker (Chicago/New York)
89	Community Club House, United Verde Copper Co., Clarkdale	278-7-M	3-Feb-25	Details for erecting type-C racks Plan by Durand Steel Locker (Chicago/New York)

90	Community Club House, United Verde Copper Co., Clarkdale	278-7-M	26-Aug-26 Check room racks. Plan by Durand Steel Locker (Chicago/New York)
90	Community Club House, United Verde Copper Co., Clarkdale	278-7-M	Aug-26 Metal shelving for check room
91	Community Club House, United Verde Copper Co., Clarkdale	278-7-M	7-Feb-27 Hat & coat cabinet - bowling alley
91	Community Club House, United Verde Copper Co., Clarkdale	278-7-M	Hose cabinets
<u>Drawer 11</u>			
92	Community Club House, United Verde Copper Co., Clarkdale	278-8-M	18-May-26 Iron railings - R.E. McKee Contractor, Moore Iron Works, El Paso, TX
92	Community Club House, United Verde Copper Co., Clarkdale	278-8-M	20-May-26 Iron work - doors and windows. Details for small doors - picture booth. R.E. McKee Contractor, Moore Iron Works, El Paso, TX
93	Community Club House, United Verde Copper Co., Clarkdale	278-8-M	10-May-26 Iron railings - R.E. McKee Contractor, Moore Iron Works, El Paso, TX
94	Community Club House, United Verde Copper Co., Clarkdale	278-8-M	19-May-26 Picture booth. R.E. McKee Contractor, Moore Iron Works, El Paso, TX
94	Community Club House, United Verde Copper Co., Clarkdale	278-8-M	18-May-26 Iron window guards. R.E. McKee Contractor, Moore Iron Works, El Paso, TX
95	Community Club House, United Verde Copper Co., Clarkdale	278-8-M	4-May-26 Roof trusses as built. Plan by Darbyshire-Harvie Iron & Machine Co., El Paso, TX.

96	Community Club House, United Verde Copper Co., Clarkdale	278-8-M	11-Apr-26	Drawing 2092-A. Design drawing for steel roof trusses
96	Community Club House, United Verde Copper Co., Clarkdale	278-8-M	22-Jul-26	Diagram - hot water lines
97	Community Club House, United Verde Copper Co., Clarkdale Fitzugh and Byron Architects	278-8-M	28-Aug-25	Plan showing steam heating pipe sizes and locations. Room schedule listing: a) room; b) floor; c) base; d) wainscot; e) walls; f) casing; g) picture mould; h) ceiling
98	Community Club House, United Verde Copper Co., Clarkdale	278-9-M	13-May-26	Art stone - doors, windows, arches, etc. Entrance to Women's Club Room, pilaster caps
99	Community Club House, United Verde Copper Co., Clarkdale	278-9-M		Contractor's art stone details (sill for windows west end of auditorium/keystone and arch at auditorium entrance)
99	Community Club House, United Verde Copper Co., Clarkdale	278-9-M		Revised detail of plaque for fireplace of Men's Lounge, F.S. Elevation. Shows 'WAC' crest, whereas earlier plan had UVCC crest
100	Community Club House, United Verde Copper Co., Clarkdale	278-9-M		Revised detail of plaque for fireplace of Men's Lounge, Side Elevation - full size.
101	Community Club House, United Verde Copper Co., Clarkdale	278-9-M	Jun-26	Art stone - fireplace of Men's Lounge. Plan by Fitzhugh & Byron and Mission Staff & Stone Co. contractors, Los Angeles
102	Community Club House, United Verde Copper Co., Clarkdale	278-9-M		Contractor's art stone details. Full-size detail for lintel to women's club entrance (F.S. section), lintel and pilaster cap at auditorium entrance (F.S.D.), pilaster caps (s. section). Mission Staff & Stone Co. contractors, Los Angeles



Staff Report

Item Number: 6.A.

<u>Agenda Item:</u>	Subdivision Platting Procedures and Planned Area Development Procedures Assistant Town Manager Ruth Mayday and Town Attorney Stephen Polk will give a presentation to Council regarding Subdivision Platting Procedures and Planned Area Development Procedures.
<u>Staff Contact:</u>	Ruth Mayday, Community Development Director
<u>Meeting Date:</u>	February 13, 2024
<u>Strategic Goal:</u>	This agenda item supports the following Clarkdale Strategic Goal Area: • Goal Area 1 - Preserve and celebrate Clarkdale's unique, complex history. • Goal Area 5 - Plan for the maintenance and growth of quality infrastructure that is sustainable and resilient.
<u>Background:</u>	This presentation is in response to questions expressed by residents regarding the process for approval of subdivisions and planned area developments. The purpose is to walk Town Council and the public through the required public hearings, reviews, and other required actions.
<u>Budget Impact:</u>	No budget impact.
<u>Recommendation:</u>	Presentation only. No recommendation.



Staff Report

Item Number: 6.B.

Agenda Item: **2023 Yavapai County Multi-Jurisdictional Hazard Mitigation Plan**
Discuss, consider and act upon the 2023 Yavapai County Multi-Jurisdictional Hazard Mitigation Plan.

Staff Contact: Joe Candelaria, Police Lieutenant

Meeting Date: February 13, 2024

Strategic Goal: This agenda item supports the following Clarkdale Strategic Goal Area:

- Goal Area 5 - Plan for the maintenance and growth of quality infrastructure that is sustainable and resilient.

Background: Mitigation Plans form the foundation for a community's long-term strategy to reduce disaster losses and break the cycle of disaster damage, reconstruction, and repeated damage. The planning process is as important as the plan itself as it creates a framework for risk-based decision-making to reduce damage to lives, property, and the economy from future disasters.

The mitigation plans each jurisdiction completed in 2018 were required to be updated in 2023. Originally, the planning resulted in a single plan for each participating (incorporated) jurisdiction. The updated Plan was done according to the multi-jurisdictional model, which resulted in one plan that includes the county and the participating incorporated jurisdictions within the county boundaries. Jurisdictions were required to be represented and participate throughout the update process, otherwise they were not included in the plan or eligible for hazard mitigation grant funds.

Public Involvement Strategy minimum requirements were that the public must have an opportunity to comment on the plan at least once during development and once after the draft is completed prior to final adoption. Yavapai County submitted a public notice to a newspaper with a county-wide circulation.

Risk Assessment determines “what” can occur, “when” (how often) it is likely to occur, and “how bad” the effects could be. The planning team reviewed the hazard lists and historic records and discussed which hazards could be eliminated and which should be evaluated further. The resulting list of hazards

to be carried forward to profiling and a vulnerability analysis are:

- Flooding
- Earthquake
- Severe Wind
- Wildfire
- Winter Storm
- Landslide/mudslide

Calculated Priority Risk Index (CPRI) shows the probability, magnitude/severity, warning time, and duration of the hazards.

Vulnerability Analysis creates an Asset Inventory that defines critical facilities and infrastructure as those systems or assets within a community whose incapacity or destruction would have a debilitating impact on the defense or economic security of the community and significantly hinders a community's ability to recover following a disaster.

Community Descriptions were reviewed and updated as appropriate and desired.

Capability Assessment identifies legal and regulatory capabilities, administrative and technical resources, community fiscal capabilities, and summarizes past mitigation activities and projects.

Plan Maintenance Documentation is a new aspect of the Mitigation Plan with FEMA requiring annual plan maintenance documentation.

Public Involvement - each jurisdiction was instructed to identify ways in which past public involvement opportunities were provided relative to the 2018 Plan cycle and to formulate a list of anticipated public involvement events or actions for the next five years.

The Yavapai County Office of Emergency Management was notified that the Federal Emergency Management Agency (FEMA) Region IX gave approval for the adoption process to begin for the Yavapai County Multi-Jurisdictional Mitigation Plan.

Due to the length of the Hazard Mitigation Plan (237 pages), a PDF file will be attached to the staff report on the website for viewing of the entire contents.

Budget Impact:

There is no impact on the Town of Clarkdale's budget. Adopting the plan ensures our jurisdiction's continued eligibility for funding under FEMA's Hazard Mitigation Assistance (HMA) program.

Recommendation:

Staff recommends that the Council adopt the 2023 Yavapai County Multi-Jurisdictional Hazard Mitigation Plan.



FEMA

September 29, 2023

Ashley Ahlquist
Emergency Manager
Yavapai County Office of Emergency Management
1100 Commerce Dr.
Prescott, AZ 86305

Dear Ashley Ahlquist:

The Federal Emergency Management Agency (FEMA) has completed its review of the *Yavapai County Multi-Jurisdictional Hazard Mitigation Plan* and has determined that this plan is eligible for final approval pending its adoption by Yavapai County and all participating jurisdictions. Please see the enclosed list of approvable pending adoption jurisdictions.

Formal adoption documentation must be submitted to FEMA Region 9 by at least one participating jurisdiction within one calendar year of the date of this letter, or the entire plan must be updated and resubmitted for review. FEMA will approve the plan upon receipt of the documentation of formal adoption.

Once the plan is approved, each participating jurisdiction must adopt the plan within five calendar years of the date of the approval. The adoption of the plan by each jurisdiction ensures that jurisdiction's continued eligibility for funding under FEMA's Hazard Mitigation Assistance (HMA) programs. All requests for funding, however, will be evaluated individually according to the specific eligibility, and other requirements of the particular program under which applications are submitted.

If you have any questions regarding the planning or review processes, please contact the FEMA Region 9 Hazard Mitigation Planning Team at fema-r9-mitigation-planning@fema.dhs.gov.

Sincerely,

Digitally signed by

ALISON KEARNS

Date: 2023.09.29

14:33:51 -07'00'

Alison Kearns
Planning and Implementation Branch Chief
Mitigation Division
FEMA Region 9

Enclosures (2)

Yavapai County Plan Review Tool, dated September 29, 2023

Status of Participating Jurisdictions, dated September 29, 2023

cc: Andrew Traylor, State Hazard Mitigation Officer, Arizona Department of Emergency and
Military Affairs
Alexandria D. Maese, Mitigation Strategic Planner, Arizona Department of Emergency
and Military Affairs

Status of Participating Jurisdictions as of September 29, 2023

Jurisdictions – Adopted and Approved

#	Jurisdiction	Date of Adoption
1		
2		
3		
4		
5		
6		

Jurisdictions – Approvable Pending Adoption

#	Jurisdiction
1	Yavapai County
2	Yavapai Prescott Indian Tribe
3	Town of Camp Verde
4	City of Chino Valley
5	Town of Clarkdale
6	City of Cottonwood
7	Town of Dewey-Humboldt
8	Town of Jerome
9	City of Prescott
10	City of Prescott Valley
11	City of Sedona



FEMA

September 29, 2023

John Sterling
Environmental Technician/Emergency Manager
Yavapai Prescott Indian Tribe
530 E. Merritt
Prescott, AZ 86301

Dear John Sterling:

FEMA has completed its review of the Yavapai Prescott Indian Tribe's Annex as part of the *Yavapai County Multi-Jurisdictional Hazard Mitigation Plan 2023* and has determined that this tribal plan is eligible for final approval pending its adoption by the Yavapai Prescott Indian Tribe.

Formal adoption documentation must be submitted to FEMA Region 9 by the Yavapai Prescott Indian Tribe within one calendar year of the date of this letter, or the plan must be updated and resubmitted for review. FEMA will approve the plan upon receipt of the documentation of formal adoption.

If you have any questions regarding the planning or review processes, please contact the FEMA Region 9 Hazard Mitigation Planning Team at fema-r9-mitigation-planning@fema.dhs.gov.

Sincerely,

Digitally signed by

ALISON KEARNS

Date: 2023.09.29

14:51:56 -07'00'

Alison Kearns
Planning and Implementation Branch Chief
Mitigation Division
FEMA Region 9

Enclosure (1)

Yavapai Prescott Indian Tribe Plan Review Tool, dated September 29, 2023

cc: Andrew Traylor, State Hazard Mitigation Officer, AZ DEMA
Alexandria D. Maese, Mitigation Strategic Planner, AZ DEMA
Travis Schulte, Legislative Liaison, AZ DEMA
David Rosales, Response Branch Manager, AZ DEMA

2023

MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN

PREVENT
PREPARE
PROTECT

Yavapai County
Arizona

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SECTION 1: INTRODUCTION

1.1 Purpose

The purpose of this Plan is to identify hazards that impact the various jurisdictions located within Yavapai County, assess the vulnerability and risk posed by those hazards to community-wide human and structural assets, develop strategies for mitigation of those identified hazards, present future maintenance procedures for the plan, and document the planning process.

1.2 Background and Scope

Each year in the United States, disasters injure or take the lives of thousands of people. Nationwide, taxpayers pay billions of dollars annually to help communities, organizations, businesses, and individuals recover from disasters. These monies only partially reflect the true cost of disasters because tax dollars do not reimburse for the additional expenses to insurance companies and nongovernmental entities. Many disasters are predictable, and much of the damage caused by these events can be alleviated or even eliminated.

FEMA defines hazard mitigation as “any sustained action taken to reduce or eliminate long-term risk to human life and property from a hazard event.” The results of a three-year congressionally mandated independent study to assess future savings from mitigation activities provides evidence that mitigation activities are highly cost-effective. On average, each dollar spent on mitigation saves society an average of \$4 in avoided future losses in addition to saving lives and preventing injuries (FEMA Federal Insurance and Mitigation Saves Lives Interim Report June 2018).

Examples of hazard mitigation measures include, but are not limited to:

- Development of mitigation standards, regulations, policies, and programs.
- Land use/zoning policies.
- Strong building code and floodplain management regulations.
- Dam safety program, seawalls, and levee systems.
- Acquisition of flood prone and environmentally sensitive lands.
- Retrofitting/hardening/elevating structures and critical facilities.
- Relocation of structures, infrastructure, and facilities out of vulnerable areas.
- Public awareness/education campaigns.
- Improvement of warning and evacuation systems.

The Hazard mitigation planning process identifies hazards that threaten communities; determines the likely effects of those hazards; sets mitigation goals; and determines, prioritizes, and implements appropriate strategies to lessen impacts to hazards that threaten communities. This Plan documents the planning process employed by the Planning Team. The Plan identifies relevant hazards and risks and identifies the strategy used to decrease vulnerability and increase resiliency and sustainability.

This Plan was prepared pursuant to the requirements of FEMA Policy-206-21 and the implementing regulations set forth in the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288). While the act emphasized the need for mitigation plans and more coordinated mitigation planning and implementation efforts, the regulations established the requirements that hazard mitigation plans must meet in order to be eligible for certain Federal disaster assistance and hazard mitigation funding under the Robert T. Stafford Disaster Relief and Emergency Act.

Information in this Plan will be used to help guide and coordinate mitigation activities and decisions for future land use. Proactive mitigation planning will help reduce the cost of disaster response and recovery to the community and its property owners by protecting structures, reducing exposure, and minimizing overall community impacts and disruption. Hazards have and continue to affect the community and thus the community is committed to reducing future disaster impacts and maintaining eligibility for Federal funding.

This is a multi-jurisdictional plan that geographically covers the participating communities and tribe within the

Yavapai County boundaries (hereinafter referred to as the Planning Area). The following jurisdictions participated in the planning process:

- Yavapai County
- Yavapai Prescott Indian Tribe
- Town of Camp Verde
- Town of Chino Valley
- Town of Clarkdale
- City of Cottonwood
- Town of Dewey-Humboldt
- Town of Jerome
- City of Prescott
- Town of Prescott Valley
- City of Sedona

1.3 Assurances

Participants in this Plan assure that they will comply with all applicable Federal statutes and regulations in effect with respect to the periods for which it receives grant funding, in compliance with 44 CFR 13.11(c). Specifically, the Yavapai Apache Tribe will amend this Plan whenever necessary to reflect changes in Federal laws and statutes as required in 44 CFR 133.11(d).

1.4 Plan Organization

This Plan is organized as follows:

- Section 1: Introduction
- Section 2: Community Profile
- Section 3: Planning Process
- Section 4: Risk Assessment
- Section 5: Mitigation Strategy
- Section 6: Plan Maintenance

1.5 Regulatory Guidance

The Planning Team prepared this Plan in compliance with:

- Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988
- Disaster Mitigation Act 2000
- 44 CFR Part 201
- Sandy Recovery Improvement Act of 2013
- National Flood Insurance Act of 1968
- Water Infrastructure Improvements for the Nation Act of 2016
- Local mitigation Planning Policy Guide: FP-206-21-0002
- Arizona Revised Statutes Title 26 Military Affairs and Emergency Management, Chapter 2

Yavapai County maintains the Multi Jurisdiction Hazard Mitigation Plan as a living document intended to be continuously reviewed and revised, with input from stakeholders, to guarantee the most current plan possible.

[illegible]

Yavapai County is committed to increasing awareness and growing Jurisdictional partnerships and participation in the Multi Jurisdiction Hazard Mitigation Plan.

[illegible]

Yavapai County is committed to ongoing training and engagement related to the Multi Jurisdiction Hazard Mitigation Plan to enhance hazard awareness and increase plan implementation.

[illegible]

SECTION 2: COMMUNITY PROFILES

2.1 Yavapai County

Geography

Yavapai County formed along with the original four counties created when Arizona was still a territory. Known as the “Mother of Counties”, Yavapai County was initially more than 65,000 square miles from which five other counties formed. Today, Yavapai County covers 8,125 square miles, with Prescott as its County seat. Yavapai County is located in the central portion of the State of Arizona. Major roadway transportation routes through the County include Interstates 17 and 40, U.S. Highway 93, State Routes 69, 71, 89, 89A, 96, 97, 169, 179, and 260. Railways include the Burlington Northern Santa Fe Railway and Arizona Central Railway.

Yavapai County is home to portions of five rivers and four mountain ranges. The Verde River is the longest stretch of riparian area, which has yearlong flows and is located along the eastern portion of the County. All the other rivers have intermittent flows and include the Santa Maria River, Aqua Fria River, Hassayampa River, and a small segment of New River. Except to the north, Prescott is nearly surrounded by the four mountain ranges, which are the Bradshaw, Black Hills, Weaver, and Sierra Prieta. These geographical characteristics can be used to identify terrestrial ecoregions.

The geographical characteristics of Yavapai County have been mapped into three terrestrial ecoregions:

- **Arizona Mountain Forests** – this ecoregion contains a mountainous landscape, with moderate to steep slopes. Elevations in this zone range from approximately 3,000-7,979 feet, resulting in comparatively cool summers and cold winters. Vegetation in these areas is largely high-altitude grasses, shrubs, brush, and conifer forests.
- **Sonoran Desert** – this ecoregion is an arid environment that covers much of southwestern Arizona. The elevation varies in this zone from approximately sea level to 3,000 feet. Vegetation in this zone is comprised mainly of Sonoran Desert Scrub and is one of the few locations in the world where the saguaro cactus is found. The climate is typically hot and dry during the summer and mild during the winter.
- **Colorado Plateau Shrublands** – this ecoregion covers a small portion of the North-West corner of the County with elevations that average around 4,000-5,000 feet. Vegetation in this ecoregion is comprised mainly of Plains Grassland and Great Basin Desert scrub. Temperatures can vary widely in this zone, with comparatively warm summers and cool winters.

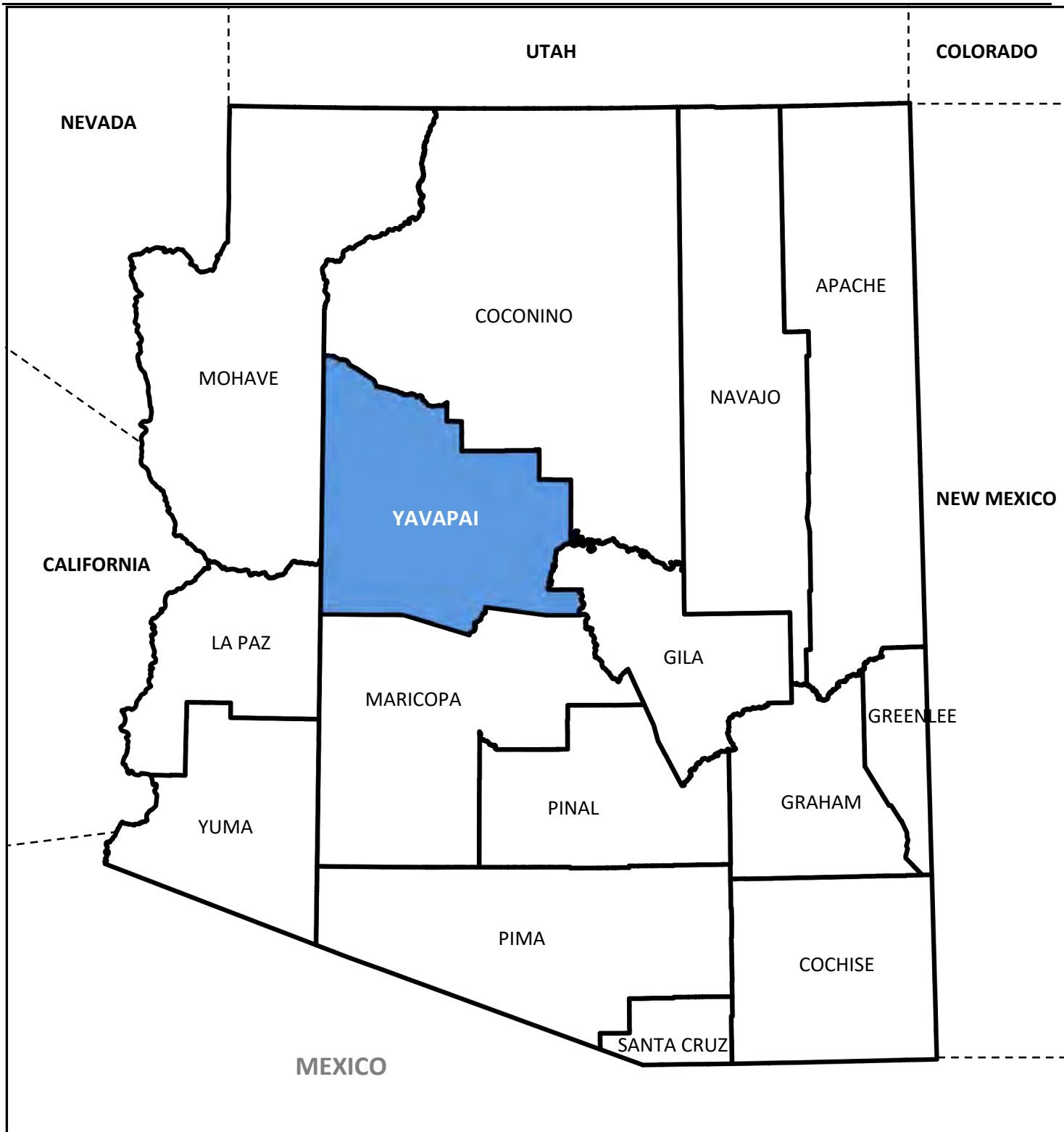


Figure 1 Vicinity Map

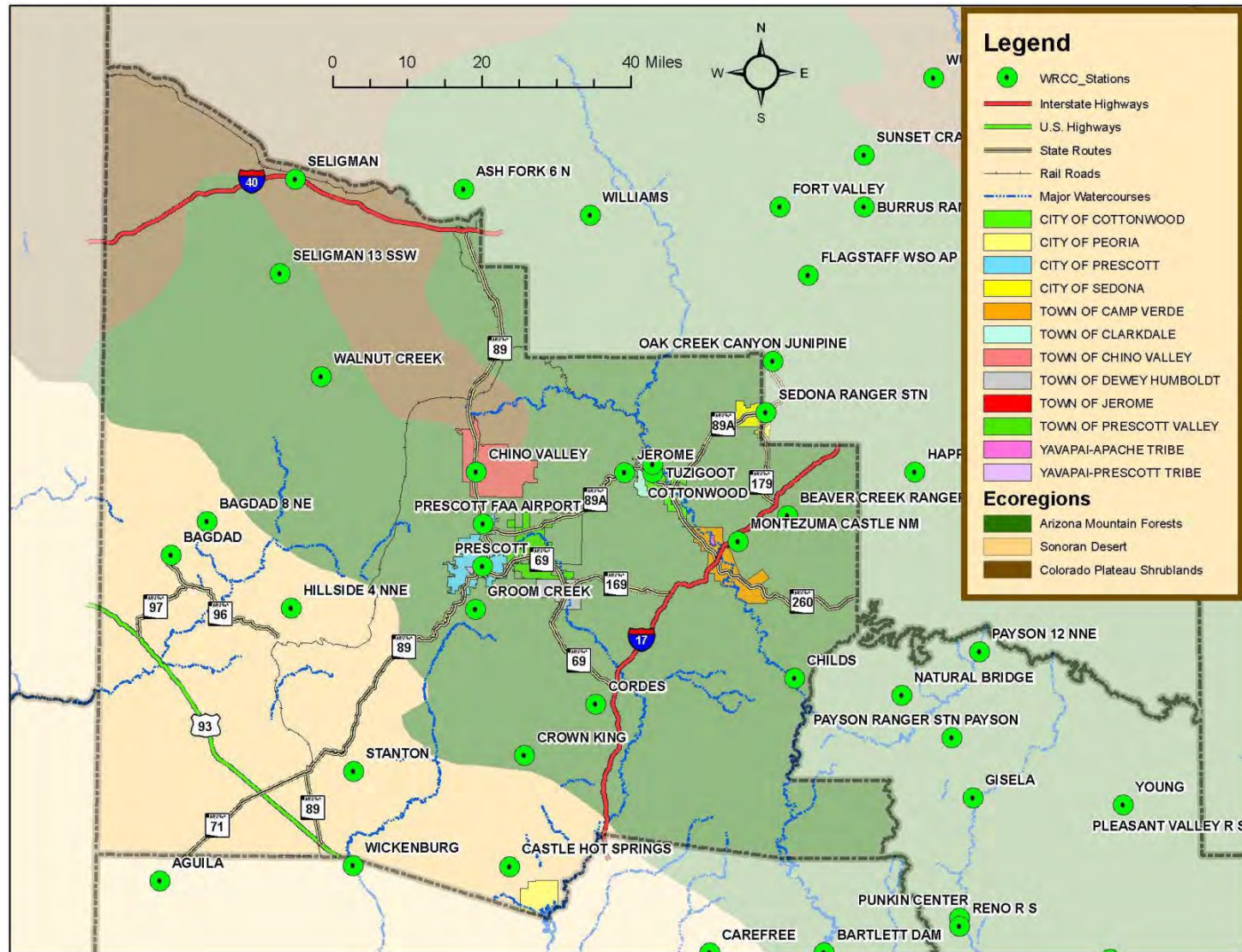


Figure 2 Terrestrial Ecoregions

Climate

The majority of Yavapai County has a climate classification of Sonoran Desert and Arizona Mountain Forest. The elevation range for these two ecoregions in the County is from approximately 2,000-8,000 feet. Such a range in elevation results in differences in climate. The Western Region Climate Center¹ produces climatic statistics for weather stations within the County and span records dating back to the early 1900's.

Average temperatures within Yavapai County range from below freezing during the winter months to over 100°F during the hot summer months. The severity of temperatures in either extreme is highly dependent upon the location, and more importantly the altitude, within the County.

Elevation and season of the year, largely, governs the precipitation throughout Yavapai County. From November through March, storm systems from the Pacific Ocean cross the state as broad winter storms producing mild precipitation events and snowstorms at the higher elevations. Summer rainfall begins early in July and usually lasts until mid-September. Moisture-bearing winds move into Arizona at the surface from the southwest (Gulf of California) and aloft from the southeast (Gulf of Mexico). The shift in wind direction, termed the North American Monsoon, produces summer rains in the form of thunderstorms that result largely from excessive heating of the land surface and the subsequent lifting of moisture-laden air, especially along the primary mountain ranges. Thus, the strongest thunderstorms are usually found in the mountainous regions of the central southeastern portions of Arizona. Strong winds, blowing dust, and infrequent hailstorms² often accompany these thunderstorms.

PRESCOTT, ARIZONA

Station ids: Q26796 (Coop)
 US00026796 (GHCN)
 PSTA3 (NWS LI)

Period of Record Monthly Climate Summary

Period of Record: 05/01/1898 to 01/27/2023

Observation	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	51.00	54.20	59.60	67.20	75.60	86.20	89.10	86.20	82.00	72.20	61.00	51.80	69.50
Average Min. Temperature (F)	21.50	24.30	28.70	34.50	41.20	49.80	57.90	56.50	49.00	37.50	27.70	22.20	37.40
Average Total Precipitation (in.)	1.73	1.80	1.65	0.09	0.48	0.37	2.97	3.20	1.69	1.05	1.19	1.66	18.24
Average Total SnowFall (in.)	5.70	4.60	4.60	1.20	0.10	0.00	0.00	0.00	0.00	0.20	1.90	4.40	21.90
Average Snow Depth (in.)	0.60	0.50	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.40	0.10

Percent of possible observations for period of record.

Max Temp.: 97.1% Min Temp.: 96.7% Precipitation: 98.1% Snowfall: 97.5% Snow Depth: 94.5%

Check Station Metadata or Metadata Graphics for more detail about data completeness.

Source: <https://scacis.rcc-acis.org/> accessed January 27, 2023

¹ Western Regional Climate Center. WRCC. (n.d.). Retrieved February 24, 2023, from https://wrcc.dri.edu/Climate/narrative_az.php.

² Ibid.

Population

Yavapai County is home to 236,209 residents, with a large portion of the population living in Prescott and Prescott Valley.

YAVAPAI COUNTY*	Census 2010	2010**	2020	2023***	2025	2035
	211,033	210,899	234,438	241,351	245,868	267,484
Incorporated Places						
Camp Verde	10,873	10,875	11,224	11,361	11,435	11,971
Chino Valley	10,817	10,825	12,193	12,635	12,893	14,227
Clarkdale	4,097	4,103	4,403	4,495	4,549	4,855
Cottonwood	11,265	11,238	12,292	12,489	12,599	13,302
Dewey - Humboldt	3,894	3,896	4,108	4,173	4,208	4,445
Jerome	444	441	444	438	433	410
Peoria (part)	7	7	0	0	0	0
Prescott	39,843	39,771	42,627	42,286	42,063	42,211
Prescott Valley	38,822	38,839	45,854	46,959	47,715	53,318
Sedona (part)	7,189	7,191	7,434	7,495	7,533	7,924
Wickenburg (part) from MAG	0	0	1,007	2,302	3,655	7,180
Unincorporated Balance of County	83,782	83,714	92,854	96,718	98,785	107,642
Reservations						
Hualapai Indian Reservation and Off-Reservation Trust Land (part)	0	0	0	0	0	0
Yavapai-Apache Nation Reservation	718	718	757	771	778	823
Yavapai-Prescott Reservation	192	192	218	229	235	259
Non-reservation	210,123	209,989	233,463	240,352	244,855	266,402
* Projections for 2019 and beyond refer to July 1 of each year.						
** For incorporated places, these are previously published estimates for July 1 of each year; for CDPs and reservations, these are estimates produced in the projection process.						
*** Year of plan revision						

Figure 3 Sub- County Population Projection Numbers ³

³ Arizona Commerce Authority. Population Projections. Retrieved 21 Feb. 2023 from www.azcommerce.com/oeo/population/population-projections/. Accessed. Report from 2019 Published Sub-County Project Numbers.

Economy

As with most of the state and nation, the Yavapai County economy has slowed over the last few years. According to the AZ Department of Commerce, the major industries within the county include retail trade, public and private services, and public administration.⁴ Tourism also continues to serve a significant role in the economic health of the county and communities. The civilian workforce is estimated at 105,108 with an unemployment rate of 4.1%.⁵

Development History

The Arizona Territorial Government established Yavapai County in 1864, with the first Territorial Capital established in Prescott. Miners migrated to southern and western parts of Yavapai County with the building of Fort Whipple and Fort Verde. In the 1870s, large deposits of copper were discovered in Jerome spawning smelters in Clarkdale and Cottonwood (formerly Clemenceau). The railroad through northern Arizona was constructed in the 1880s and attracted farmers and ranchers in combination with the vast grasslands of the Verde, Chino, and Peebles Valleys. Mining operations continued well into the 20th century and businesses diversified maintaining growth even after the mines started shutting down in the 1940s and 50s.

In addition to the nine incorporated cities and towns, there are 41 unincorporated communities scattered across the County, with many being comprised of only one structure or a prominent landmark. Within Yavapai County, the US Forest Service, US Bureau of Land Management, and State Land, constitute nearly 75% of land ownership combined. The majority of which is owned by the US Forest Service at 38%. Twenty-five percent is individually or corporately owned and less than a half of a percent belongs to Yavapai-Prescott Indian Community and the Yavapai Apache Nation combined.⁶

⁴ Arizona Commerce Authority. (2023, January 1). County profile for Yavapai County. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/15/Yavapai+County/>

⁵ Ibid.

⁶ Ibid.

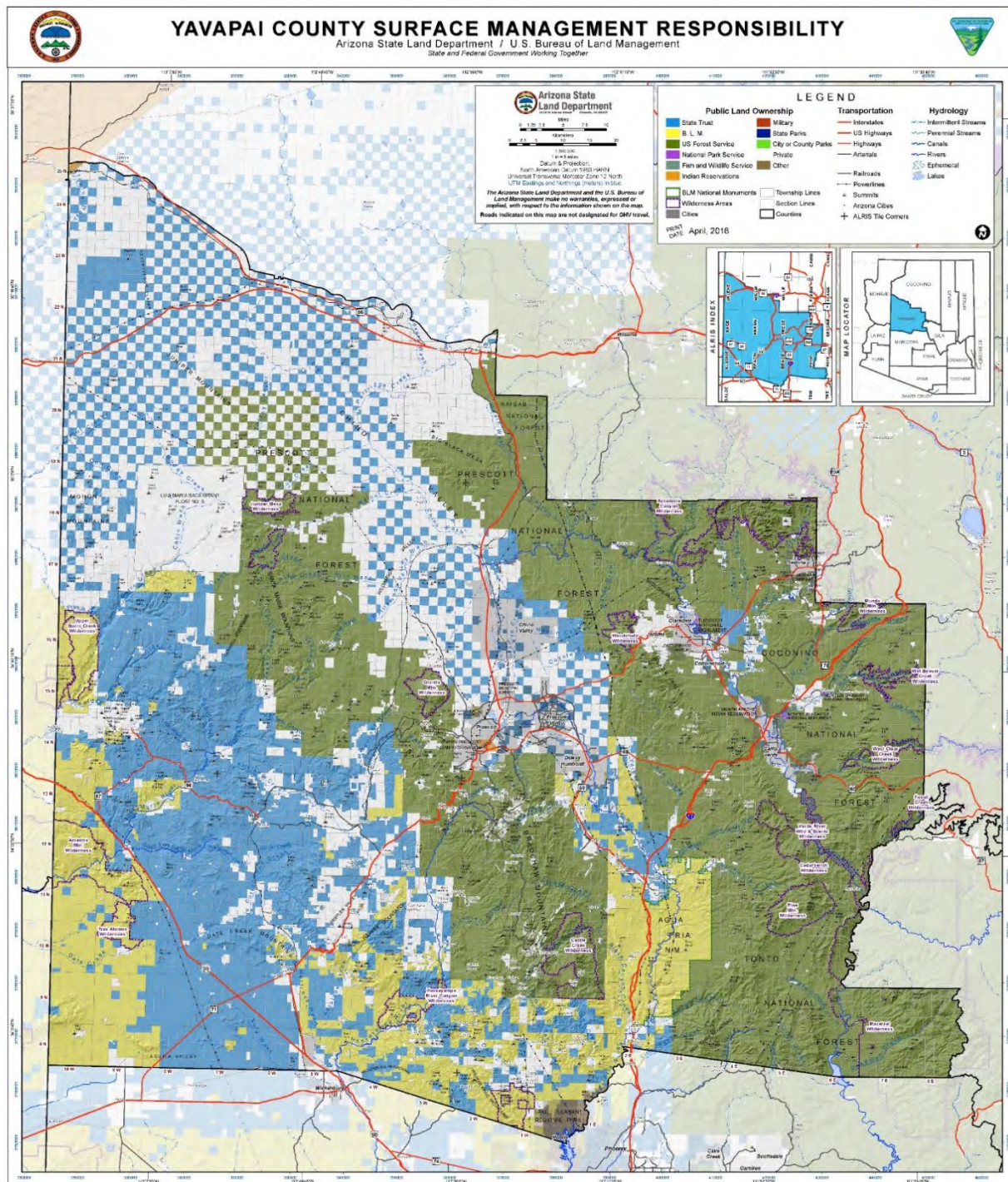


Figure 4 County Land Ownership and Location

2.2 Camp Verde

Historic Fort Verde State Park and Montezuma Castle National Monument provide a historic backdrop for the Verde Valley's oldest community. It was established as a military fort on the banks of the Verde River in 1865, to protect settlers. Founded in 1865 and incorporated in 1986, the Town now covers 46 square miles. The mostly sunny weather and moderate year-round temperatures attract retirees, tourists, and part-time residents.

Located near the geographical center of Arizona, the Town of Camp Verde is located in the eastern portion of Yavapai County and situated at an elevation of 3,160 feet. The State Route 260 and Interstate-17 pass through Camp Verde and serve as the major roadways servicing the community.

A wide variety of services provides employment in Camp Verde. Major public employers include Town of Camp Verde, Camp Verde Unified School District, Yavapai Apache Nation, Yavapai County, and the State of Arizona. Major private employers include Northern Arizona Healthcare and Bashas. The civilian labor force according to the county profile released in 2023 was 4,724 with an unemployment rate of 5.5%.⁷

Camp Verde is the oldest community in the Verde Valley. Anglo Americans settled in the Verde River Valley in the early 1860s and shortly after came into conflict with Tonto-Apache and Yavapai Indians in the area. In 1865, voluntary military units established a tent camp to protect settlers from Indian attacks. The U.S. Army relieved the voluntary military in 1866. Camp Lincoln was established in 1865 one mile north of the current site and re-named Camp Verde in 1868. The Army moved the camp in 1870 to the current location to avoid Malaria that plagued the area. Camp Verde was renamed to Fort Verde in 1879 and was eventually abandoned after the Indian Wars ceased and was eventually sold at a public auction in 1899. The Fort Verde Historic State Park offers remnants of this early history of Camp Verde.

Camp Verde has remained a strong community because of its desirable climate, geographic location, and proximity to tourist attractions including Montezuma Castle National Monument, Tuzigoot National Monument, and the Historic Fort Verde. The citizens and businesses in Camp Verde applied for 433 permits in FY 19-20 and completed the development of 117 residential buildings. Fiscal Year 20-21 saw 735 permits issued and the completion of 67 residential buildings.

⁷ Ibid.

YAVAPAI COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

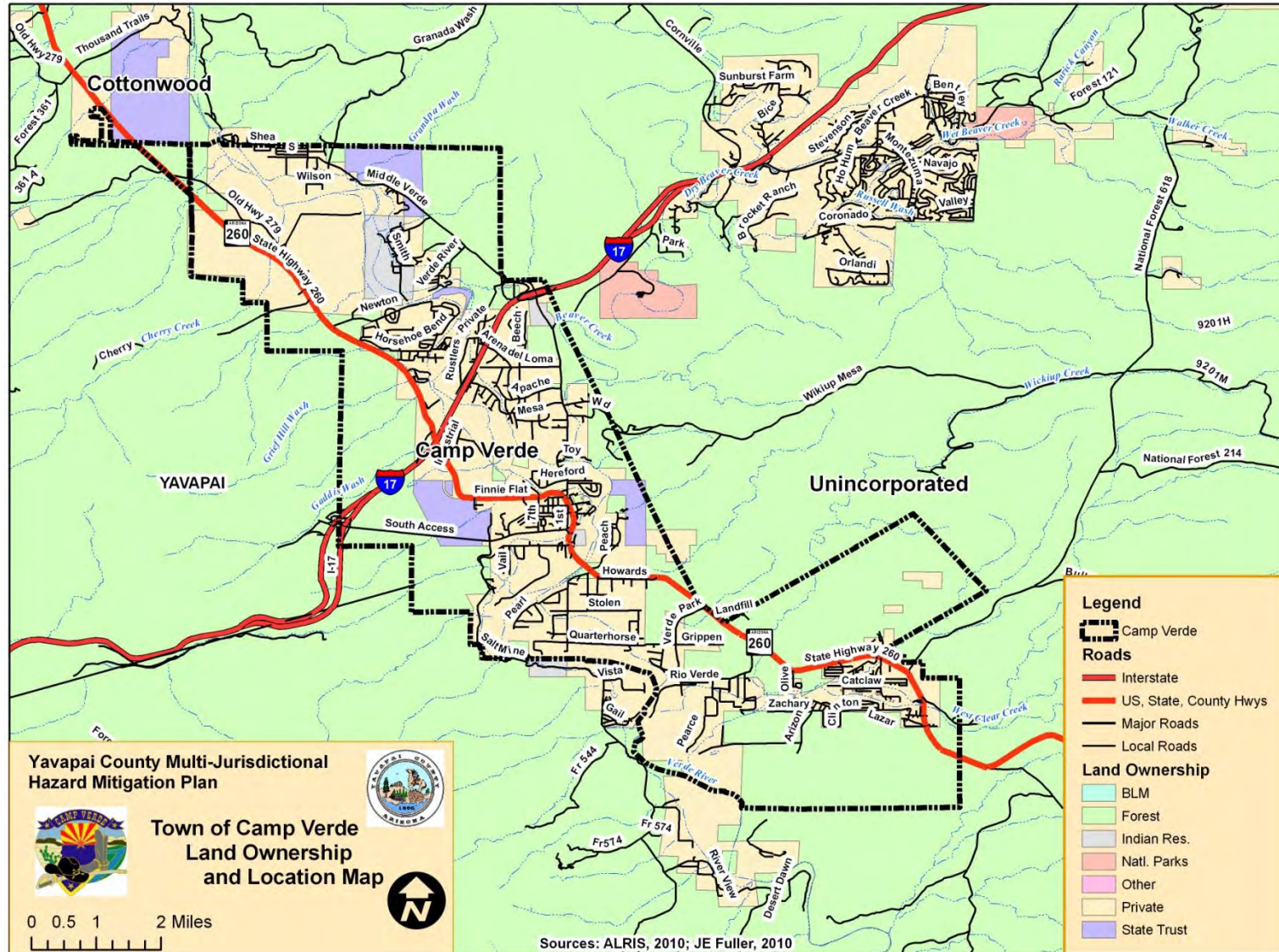


Figure 5 Camp Verde Land Ownership and Location

YAVAPAI COUNTY

MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

2.3 Chino Valley

Chino Valley is one of the Tri-Cities including Prescott and Prescott Valley and was the first Territorial Capital in Arizona, originally known as Camp Clark. Chino Valley was founded in 1871 and eventually incorporated in 1970.

Chino Valley is located in central Yavapai County and situated at an elevation of 4,750 feet. The Town is 115 miles northwest of Phoenix, 228 miles northwest of Tucson, and State Route 89 passes through Chino Valley and serves as the only major roadway servicing the community.

Chino Valley has some retail, commercial, and government employment. Major public employers include Chino Valley Unified School District #5, The Town of Chino Valley and the U.S. Post Office. The civilian labor force in 2021 was 5,516 with an unemployment rate of 3.1%.⁸

U.S. Army Cavalry Lt. Amiel W. Whipple temporarily set up a Territorial Capital at Chino Valley and named the community after the Spanish name for the grasses in the area. Soon the capital was moved to Prescott, located 15 miles south of Chino Valley. In 1895, a railway was completed to Jerome, and from 1900 to 1925, Chino Valley thrived from the activity that resulted from the railway.

New residential building permits from 2011 to 2022 have risen from 165 to 542 respectively. New commercial permits have also followed this trend with 19 being issued in 2011 and 69 in 2022.

⁸ Ibid.

YAVAPAI COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

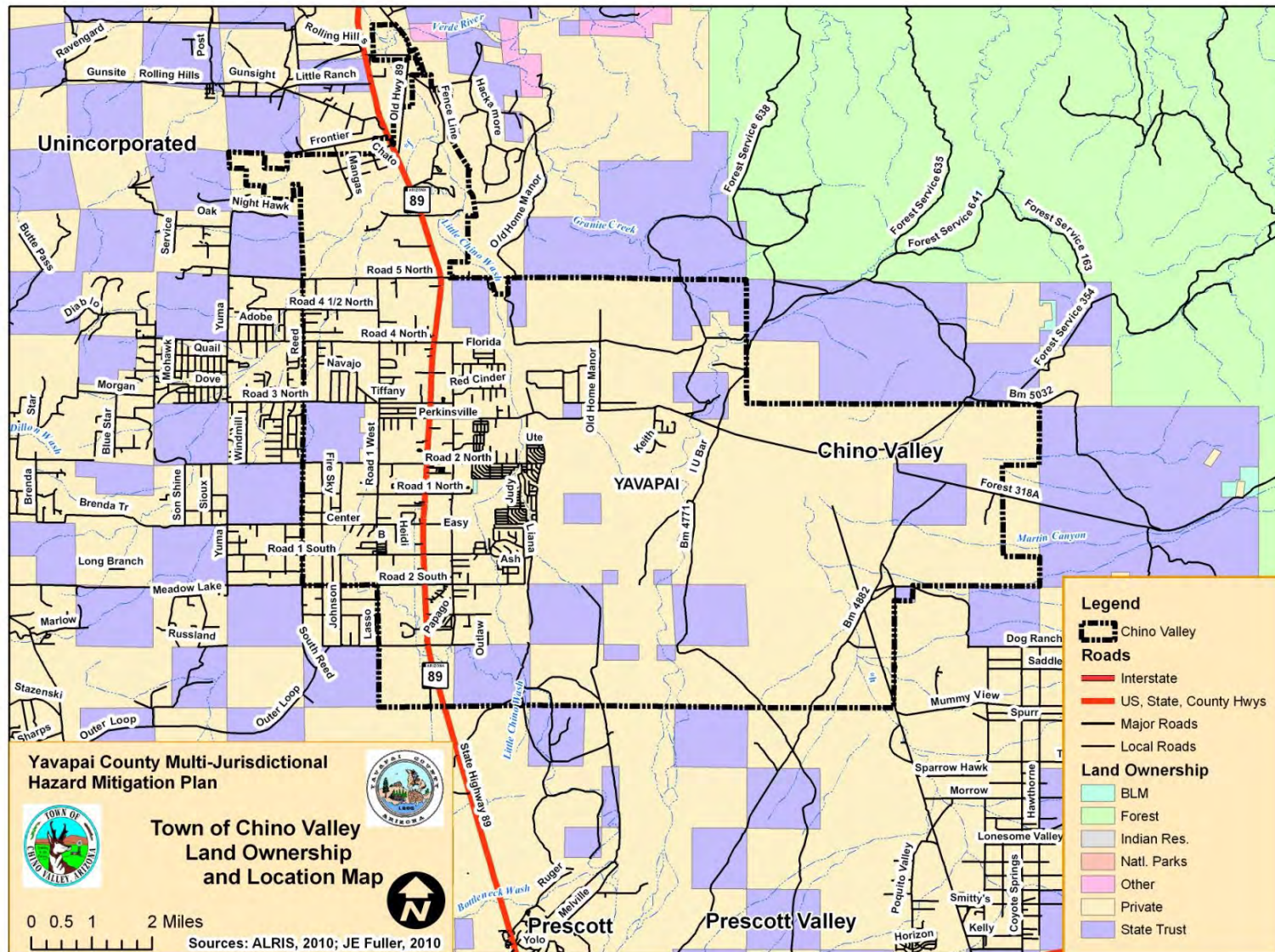


Figure 6 Chino Valley Land Ownership and Location

YAVAPAI COUNTY

MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

2.4 Clarkdale

The Town of Clarkdale was founded in 1912 and was originally owned by the United Verde Copper Company whose residents worked in the nearby smelter.⁹ Clarkdale was built from a unified master plan intended to include all typical parts of a comprehensive planned small town. Because of the Clarkdale Smelter, Clarkdale was ahead of other western towns with modern amenities. Mining operations shut down in 1953 however; today many of the old mining and smelter facilities still stand. Clarkdale was incorporated in 1957.

The Town of Clarkdale, situated at an elevation of 3,550 feet, occupies approximately 10.1 square miles in the Verde Valley of North Central Arizona in Yavapai County. The Verde River bisects the north portion of the town at a low elevation of around 3,300 feet. The west side of the town boundary is located along the foothills of Mingus Mountain in the Black Hills Range at a high elevation of approximately 4,600 feet above sea level. The Town is 110 miles north of Phoenix, 50 miles southwest of Flagstaff, and 42 miles northeast of Prescott. Lands of the Prescott National Forest to the west, lands of the Coconino National Forest to the east, portions of the City of Cottonwood to the south, and various unincorporated private lands in Yavapai County surround the Town. In addition, trust lands of the Yavapai Apache Nation are located within the Town boundary. State Route 89A passes through Clarkdale and serves as the major roadway servicing the community. The figure below shows the land ownership and major transportation routes around Clarkdale.

The Town of Clarkdale is located in the Arizona Mountain Forest terrestrial eco-region as described in Section 4.2. The description of climate and elevation ranges may not be appropriate descriptors for Clarkdale.

Clarkdale's economy developed as a service center for the mining industry. Today, major public employers include Clarkdale-Jerome School District, Yavapai College, the US Post Office, Verde Valley Fire District, and the Town of Clarkdale. Major private employers include Bent River Machine, Salt River Maricopa Group (Phoenix Cement), Wolf Insulation, Mold in Graphic Systems, Olsen's Grain, and Verde Canyon Railroad. The civilian labor force in 2021 was 2,055 with an unemployment rate of 0.5%.¹⁰

Clarkdale has averaged 61 permits for new home construction since 2017. Clarkdale seeks to maintain and enhance the livability, health, and vitality of the Verde Valley and the natural systems to which it is a part, preserving choices for future generations, and anticipating and adapting changing community needs and external influences.

⁹ Clarkdale's 2021 General Plan, April 2021

¹⁰ Arizona Commerce Authority. (2023, January 1). County profile for Yavapai County. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/15/Yavapai+County/>.

YAVAPAI COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

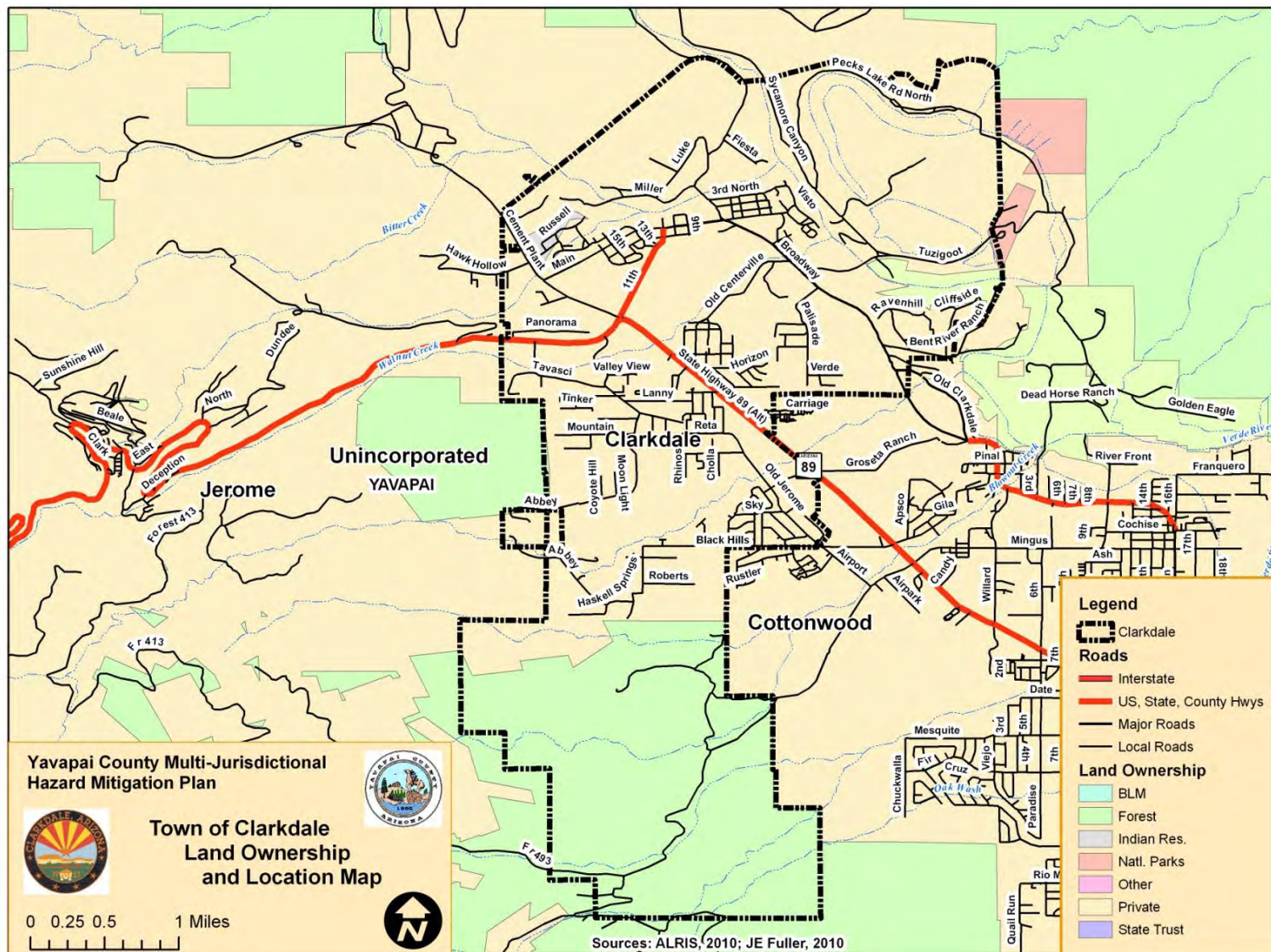


Figure 7 Clarkdale Land Ownership and Location

YAVAPAI COUNTY

MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

2.5 Cottonwood

Cottonwood is in the upper watershed of the Verde River located adjacent to and east of the Town of Clarkdale. Terrain in the Cottonwood area is generally level or of a shallow slope, although steep terrain exists close to the existing City limits. The Verde River, one of Arizona's most important perennial water bodies, traverses north to south along the East side of the city. Several intermittent streams drain through the city into the Verde River and include Del Monte wash, Railroad Wash, Silver Springs Wash, and Oak Wash. According to the Arizona Department of Commerce,¹¹ Cottonwood was founded in 1879 and later incorporated in 1960.

Cottonwood, situated at an elevation of 3,320 feet, is located in the Northeastern portion of Yavapai County. The city is 106 miles north of Phoenix, 217 miles northwest of Tucson, and State Routes 89A and 260 pass through Cottonwood and serve as the major roadways servicing the community.

Cottonwood's economy is a trading center of the Verde Valley, providing retail, professional services, and manufacturing. Major public employers include Arizona Public Service, Cottonwood/Oak Creek School District, City of Cottonwood, and Mingus Union High School. Major private employers include Verde Valley Medical Center, Phelps & Sons, Inc., Home Depot, and Wal-Mart. The civilian labor force in 2021 was 6,065 with an unemployment rate of 2.5%.¹²

Settlers in the Cottonwood area began farming in the area and providing goods to the army in Camp Verde and miners in Jerome. More settlers began moving in and named the development after a ring of 16 cottonwood trees growing along the Verde River. Cottonwood attracted residents trying to escape prejudice and regulations from nearby company towns including Clarkdale and Clemenceau.¹³ Cottonwood was a booming small town with a high density of merchants and tradesmen.

The city serves as the business and retail center of the Verde Valley as well as the educational and medical hub for the valley. New building permits are trending upwards with 184 permits issued in 2018 compared to 308 permits issued in 2022.

¹¹ Arizona Commerce Authority. (2023, January 1). Community profile for Cottonwood. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/49/Cottonwood/>.

¹² Ibid.

¹³ City of Cottonwood. *Cottonwood General Plan 2025* Retrieved March 10, 2023, from <http://www.cottonwoodaz.gov/376/General-Plan-2025>.

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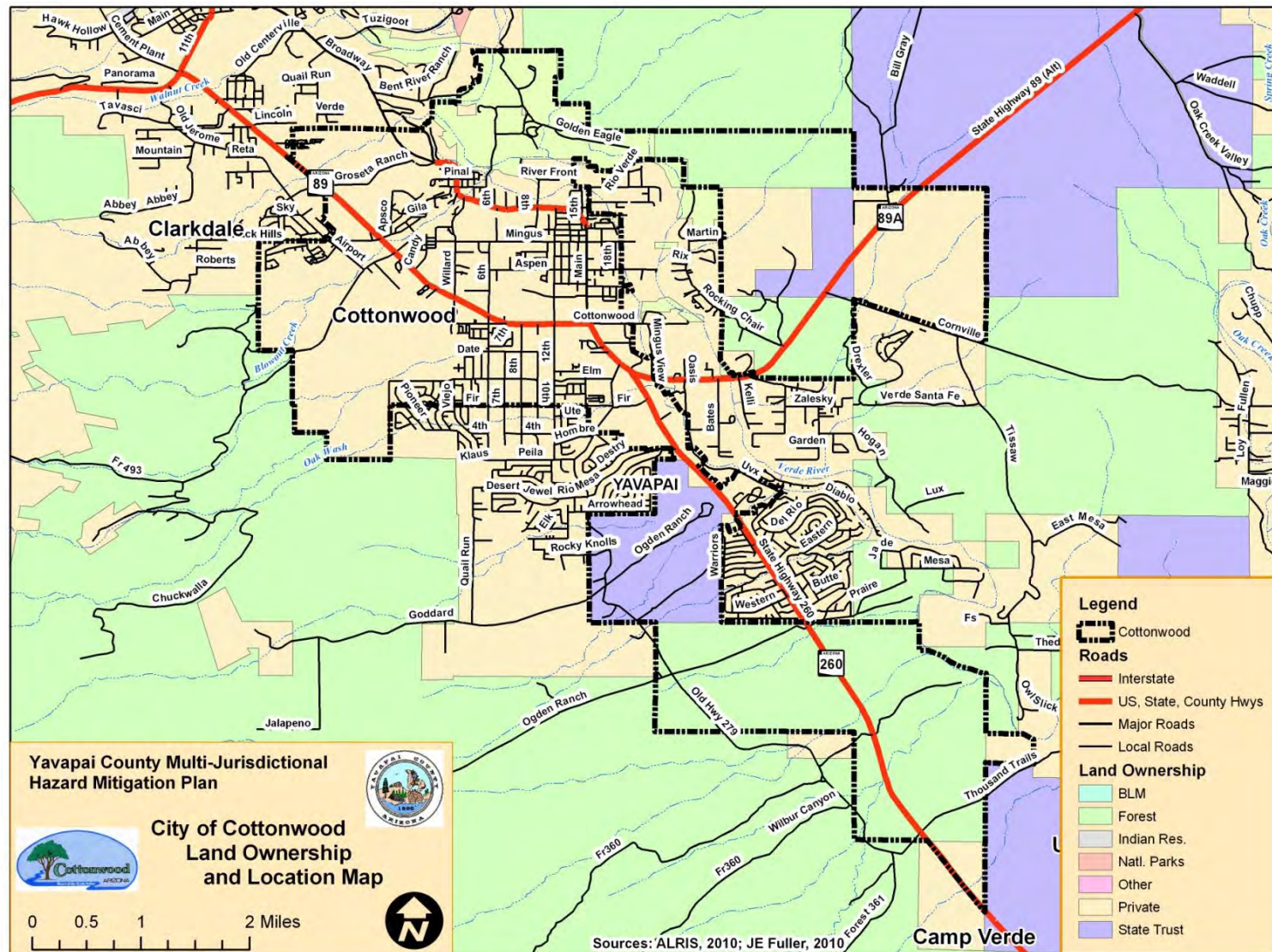


Figure 8 Cottonwood Land Ownership and Location

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2.6 Dewey-Humboldt

Dewey-Humboldt is adjacent to and south of the Town of Prescott Valley, located in central Yavapai County, and at an elevation of 4,556 feet. The Town is 85 miles north of Phoenix and 199 miles North of Tucson. Dewey-Humboldt is part of the “Quad-Cities” that includes Dewey-Humboldt, Prescott, Chino Valley, and Prescott Valley. On December 20, 2004, the Town of Dewey-Humboldt was incorporated with a population estimate of 4,005.¹⁴ State Routes 69 and 169 pass through Dewey-Humboldt and are the main roadways servicing the community.

Dewey-Humboldt’s economic base is small and dependent on a regional economic base. Construction related fields provide the largest proportion of employment for residents of the Town. One of the Town’s largest employers is the Humboldt Unified School District. Residents of Dewey-Humboldt cherish the very low density, rural lifestyle within the Town, one of the main drivers of incorporation in 2004.

The Dewey-Humboldt Community has a long history. Dewey-Humboldt began as two separate towns in the late 1800s. One of the towns, later named Humboldt, was established to support mining activity in the area. The first smelter, the Agua Fria Smelter (Bashford Mill), was built in 1876 in Humboldt. The other town, later named Dewey, was established for agriculture and ranching. The area was originally known as Agua Fria with the first post office named the Agua Fria Post Office that was eventually discontinued in 1895. The post office was re-established in 1898 as the Dewey Post Office.

The mining operation in Humboldt suffered closures common to other communities in the State with a short closure in 1907 and again in 1930, at which point the population in Humboldt declined to 300. The nearby Iron King Mine re-opened in 1934 and did not close again until 1968. Presently, the Humboldt Smelter site and the Iron King Mine site are classified as Environmental Protection Agency’s Superfund sites. The community diligently works on the clean-up process.

¹⁴ Arizona Commerce Authority. (2023, January 1). Community profile for Dewey-Humboldt. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/50/Dewey-Humboldt/>.

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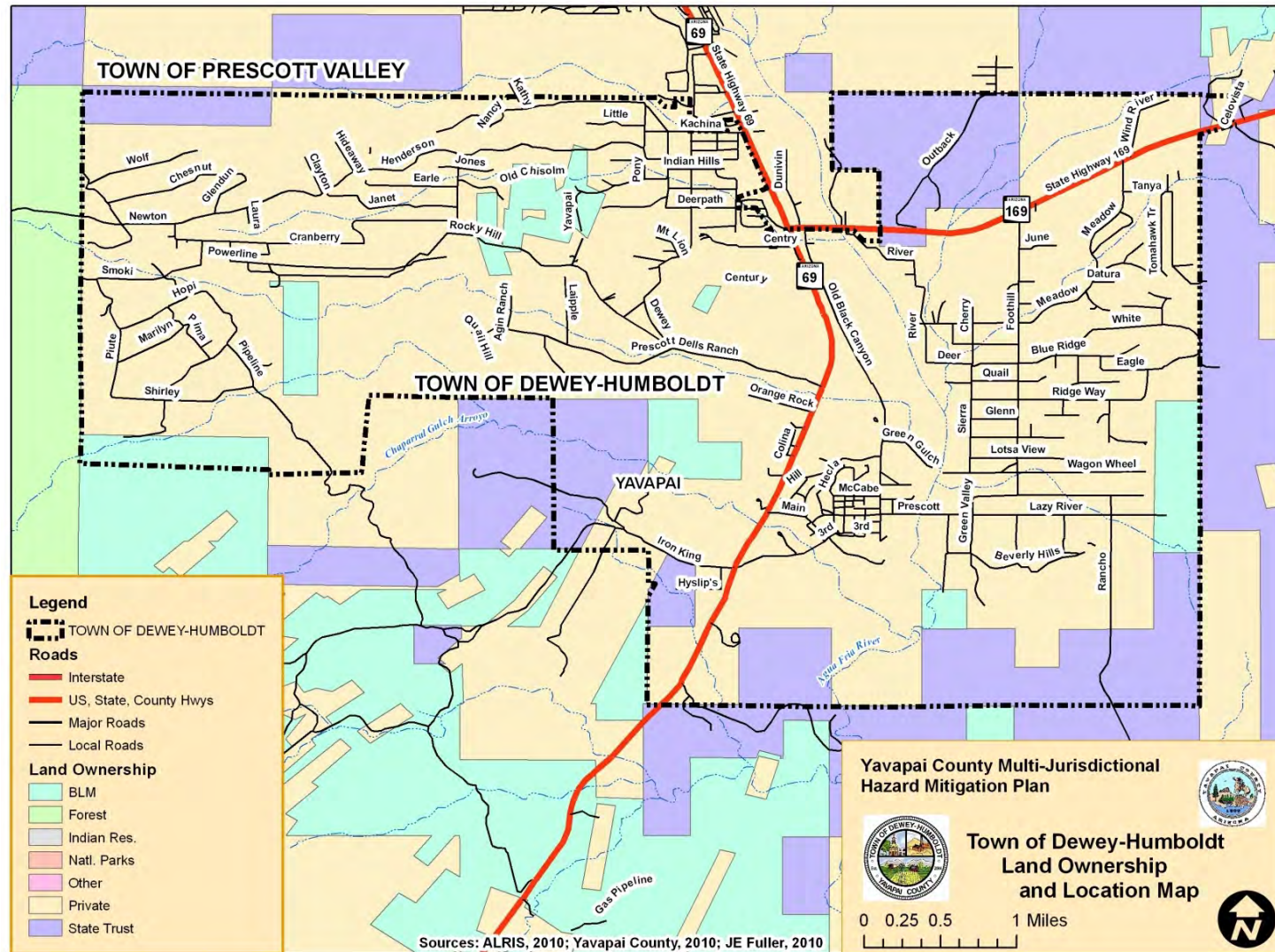


Figure 9 Map 2 - 8: Dewey-Humboldt Land Ownership and Location

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2.7 Jerome

Located in the mid-northeastern portion of Yavapai County and situated on Cleopatra Hill at an elevation of 5,435 feet sites Jerome. The Town is 110 miles north of Phoenix and 224 miles northwest of Tucson and State Route 89A passes through Jerome and serves as the major roadway servicing the community.

Founded in 1876, Jerome started as a mining town and became Arizona's largest copper mine. According to the Arizona Department of Commerce,¹⁵ Jerome incorporated in 1899. Building collapse and landslides were common. During the 1930s, dynamite blasts provided the catalyst for a landslide causing the Town jail to slide a whole block from its original location. During the great depression of the 1930s, production of the Jerome mines decreased and by 1953, all production stopped. As a result, Jerome became the world's largest ghost town. The remaining residents promoted the Town as a ghost town tourist attraction, making it well known for today.

Jerome's economy is dependent upon tourism and recreation. Major public employers include Jerome Post Office, Town of Jerome, and Jerome Public Library. Major private employers include Grand Hotel, Grapes, Spirit Room, Conner Hotel, Paul & Jerry's, The English Kitchen, Western Heritage Furniture, Mile High Grill & Inn, and the Jerome Palace. The civilian labor force in 2022 was 277 with an unemployment rate of 5.8%.¹⁶

The Town of Jerome once had a population of 15,000. However, the drop of copper prices caused the Phelps Dodge Mine to close in 1953. Since then, Jerome has become a well-known stop for tourists and has attracted an artistic community including craft people, writers, musicians, bed and breakfast owners, museum caretakers, and gift shop proprietors.¹⁷

¹⁵ Arizona Commerce Authority. (2023, January 1). Community profile for Jerome. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/74/Jerome/>.

¹⁶ Ibid.

¹⁷ Jerome, Arizona (2023, January 1). Wickedest Town in the West. Retrieved February 24, 2023, from <http://www.azjerome.com/>.

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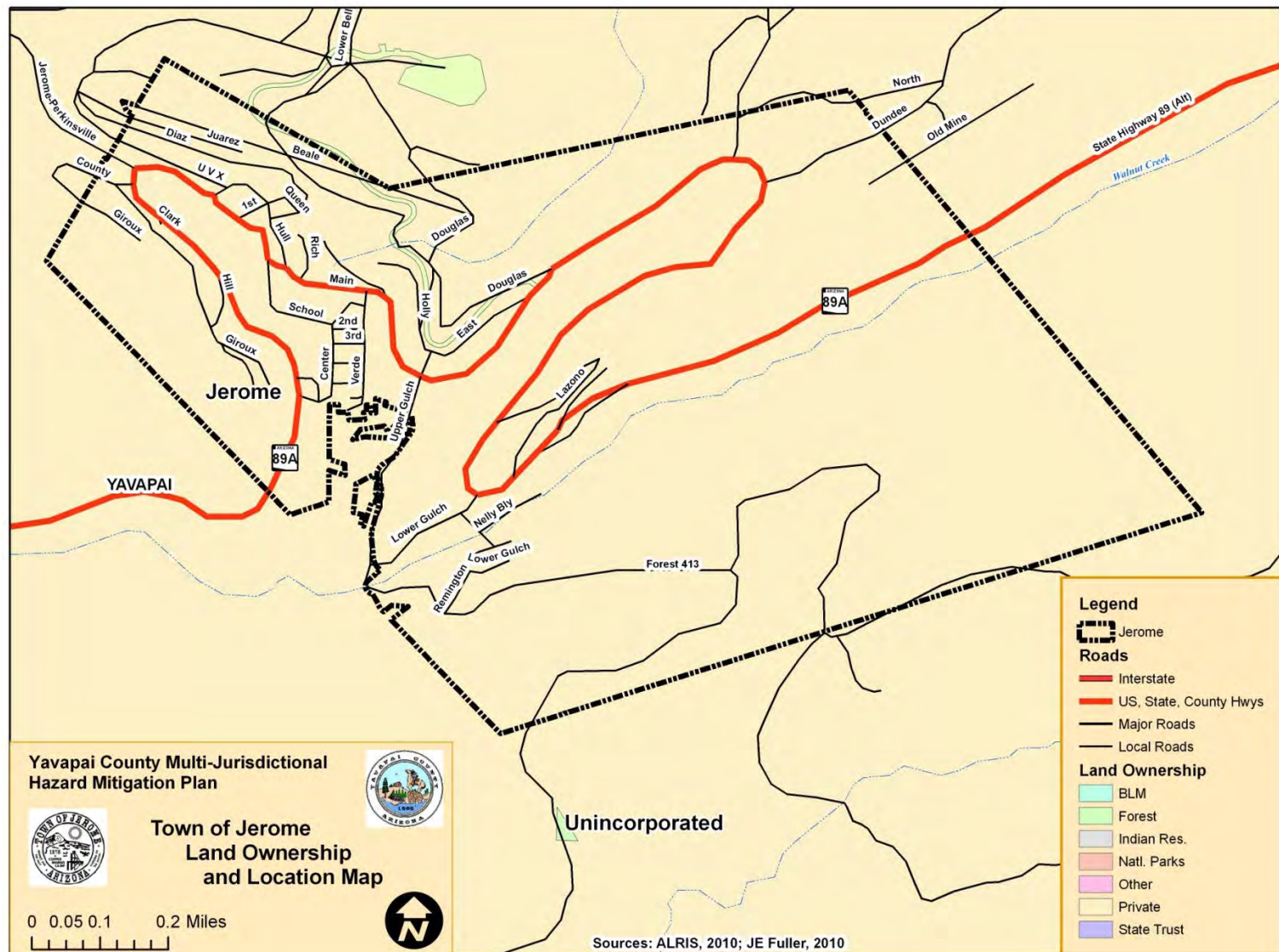


Figure 10 Map 2 - 9: Jerome Land Ownership and Location

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2.8 Prescott

Founded in 1864, Prescott became the first Territorial Capital of Arizona¹. The community was named for William Hickling Prescott, a historian and now known as one of the Quad-Cities including Prescott Valley, Chino Valley, and Dewey-Humboldt. Prescott incorporated as a town in 1883.

Located in central Yavapai County and situated at an elevation of 5,400 feet sits Prescott. The city is approximately 100 miles north-northwest of Phoenix and State Routes 69 and 89 pass through Prescott and serve as two major roadways servicing the community.

There are many outdoor activities and a rich history available in the Prescott area. As a result, tourism, culture, and governmental agencies are important to Prescott's economy. Prescott is also central to trade in the region. Major public employers include the City of Prescott, State of Arizona, Yavapai County, Prescott Unified School District, and Veterans Administration Medical Center. Major private employers include Embry-Riddle University, Sturm Ruger & Company, Yavapai Regional Medical Center, Phelps-Dodge Bagdad Copper, and Wal-Mart. The civilian labor force in 2022 was 18,234 with an unemployment rate of 4.5%.¹⁸

The City of Prescott has a long history as an incorporated City, dating as far back as 1883 and government has been dominant in Prescott's history and development since that time. The early economic makeup consisted of cattle ranching, mining, and government functions. Much of downtown Prescott has been designated as historic preservation districts. A fire destroyed many commercial buildings in July of 1900. When the buildings were rebuilt, they were reconstructed of brick and masonry, many of which are still standing today.

During the 20th Century, Prescott developed health care facilities, which service all of Yavapai County. Arts, cultural, and educational facilities have also been established, adding to the City's economic growth.

Prescott is a growing community with 193 building permits issued in 2022..¹⁹

¹⁸ Arizona Commerce Authority. (2023, January 1). Community profile for Prescott. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/100/Prescott/>.

¹⁹ City of Prescott. Community Development Permitting Data. Retrieved 23 March 2023 from <https://www.prescott-az.gov/business-development/building-permits/community-development-permitting-data/>.

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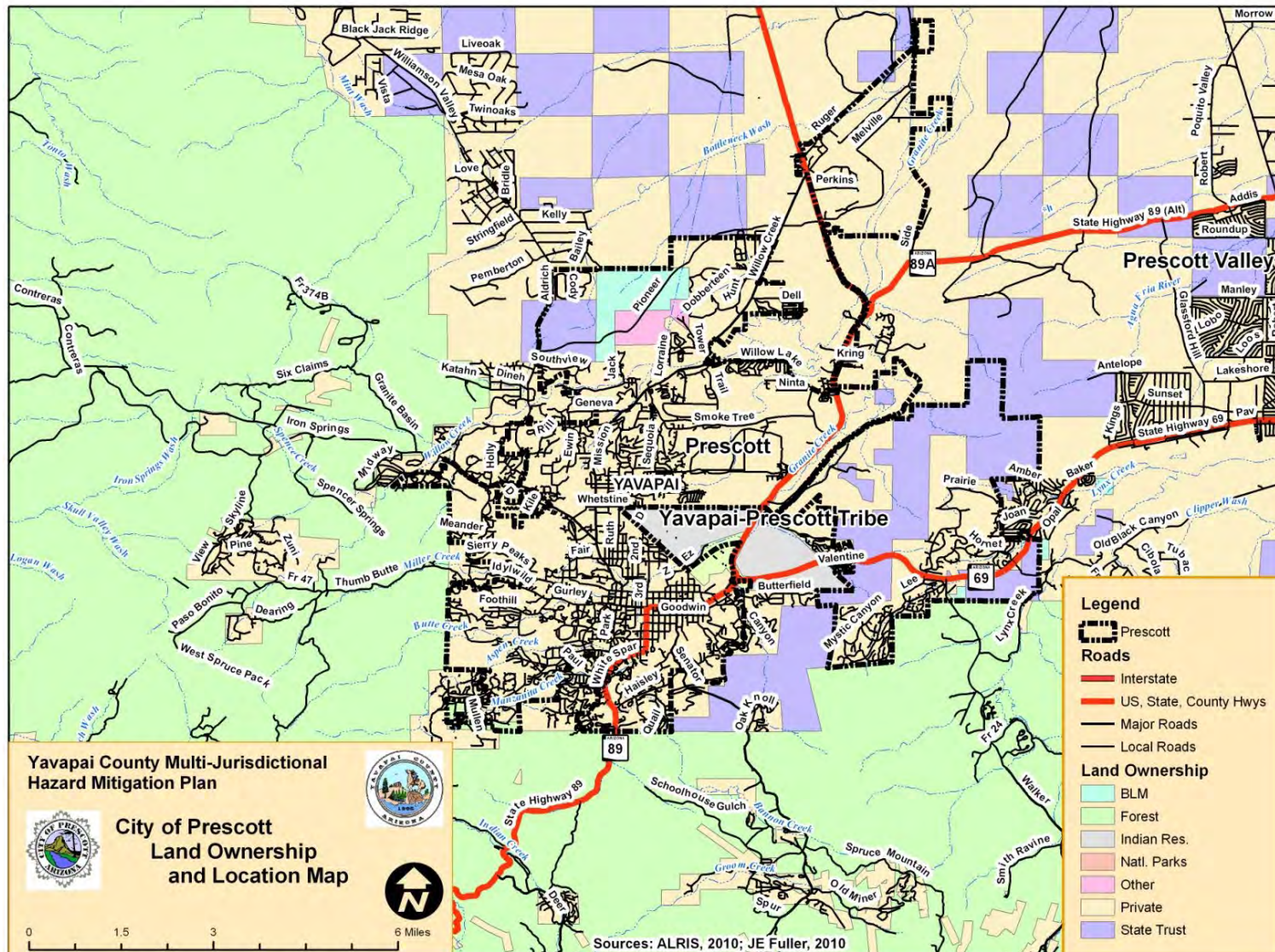


Figure 11 Map 2 - 10: Prescott Land Ownership and Location

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2.9 Prescott Valley

Prescott Valley, known for its beautiful rolling hills and lush grasslands, is one of the Tri-Cities including Prescott and Chino Valley. Prescott Valley was founded in 1966 on the outskirts of the City of Prescott. Prescott Valley incorporated in 1978.

Prescott Valley is located in the central part of Yavapai County and is situated at an elevation of 5,100 feet. The Town is 87 miles north-northwest of Phoenix, 186 miles northwest of Tucson, and State Routes 69 and 89A pass through Prescott Valley and serve as two major roadways servicing the community.

The Town of Prescott Valley is located within the Arizona Mountain Forest terrestrial eco-region. However, the Colorado Plateau Shrublands describes a much better representation of Prescott Valley with its grasslands.

Growth defines Prescott Valley's economy. Its industry, manufacturing, retail, and services businesses are all growing. Major public employers include the AZ Department of Transportation, Town of Prescott Valley, and Humboldt School District. Major private employers include AAE, Arizona Public Service, Prescott Newspapers, Ace retail Support Center, and BetterBilt-Division MI Home Products. The civilian labor force in 2022 was 22,581 with an unemployment rate of 3.9%.²⁰

Prescott Valley was formerly known as Lonesome Valley, when cattlemen arrived in the 1860s attracted by lush grass and water. Tom Sanders and Dan Fain were the heads of two pioneering families who established ranching in the area.²¹ The Town of Prescott Valley was founded when a Phoenix based real-estate company bought a large piece of land from the Fain family. The company sold home lots in the mid-1960s to people from Arizona and extending out to the Midwest marketing the mild weather and beautiful scenery.

The Town of Prescott Valley only incorporated in 1978 but it has become one of Arizona's fastest growing communities. The population of Prescott Valley has more than quadrupled over the last 30 years growing from a population of 8,904 in 1990 to 47,988 in 2021.²²

New building permit numbers remains steady with an estimated 558 for 2022. Taxable sales for fiscal year 2021/2022 are estimated at \$1.26 billion.

²⁰ Arizona Commerce Authority. (2023, January 1). Community profile for Prescott Valley. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/101/Prescott+Valley/>.

²¹ Town of Prescott Valley General Plan 2020 Final, Adopted January 17, 2002

²² Arizona Commerce Authority. (2023, January 1). Community profile for Prescott Valley. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/101/Prescott+Valley/>.

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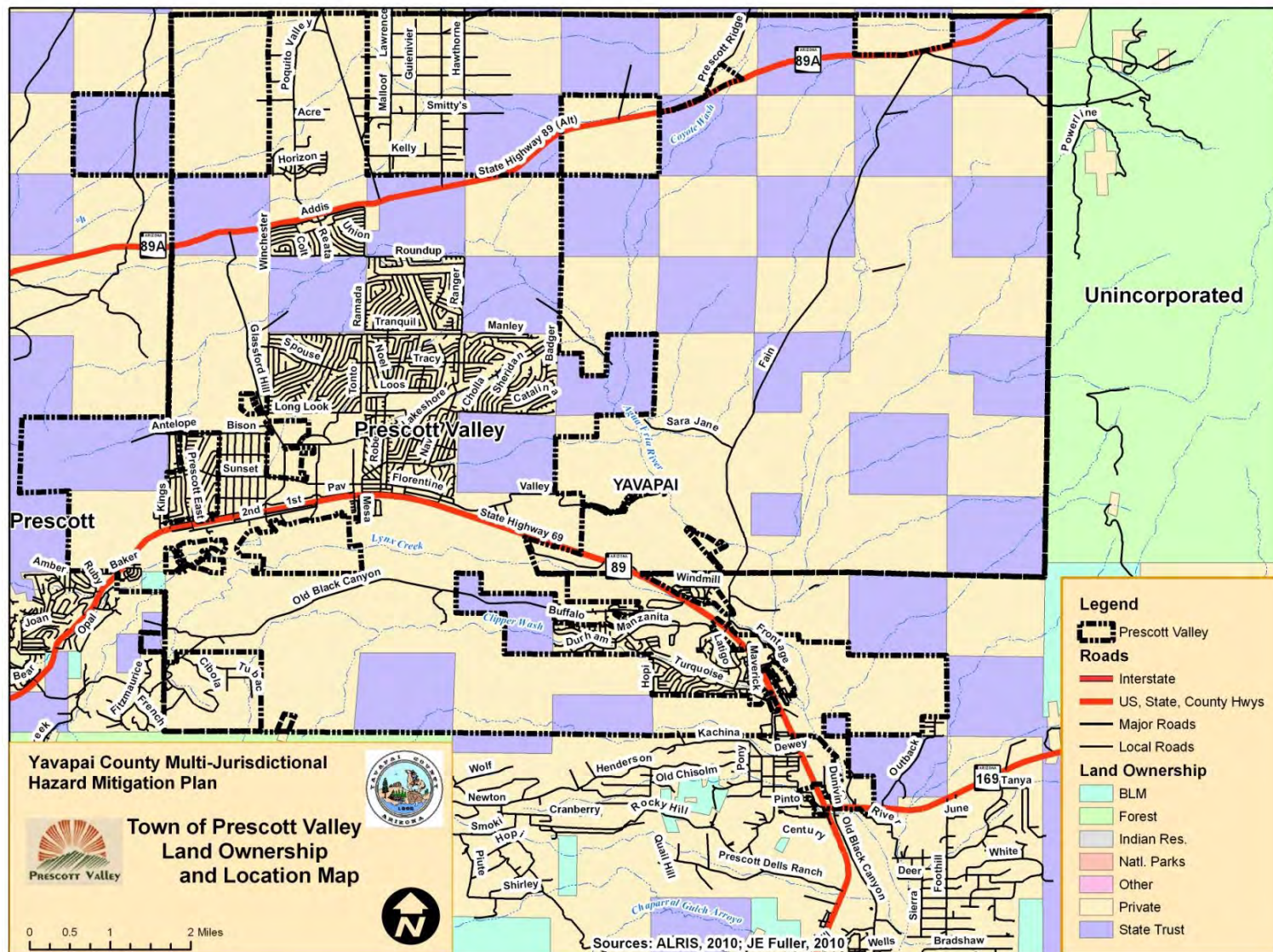


Figure 12 Map 2 - 11: Prescott Valley Land Ownership and Location

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2.10 Sedona

Sedona is located at the base of the red sandstone cliffs with numerous red buttes and monoliths around the city. The beautiful Oak Creek Canyon that runs southwest bisects the city. Sedona was founded in 1902 and later incorporated in 1988.

Sedona's location is in the northeastern portion of Yavapai County and is situated at an elevation of 4,500 feet. The city is 119 miles north of Phoenix, 230 miles northwest of Tucson, and State Routes 89A and 179 pass through Sedona and serve as the major roadways servicing the community.

Sedona's economy is centered on tourism. Major public employers include the City of Sedona, Sedona-Oak Creek School District, Yavapai College (Sedona campus), and the Sedona Fire District. Major private employers include Hyatt Resort, Radisson Resort, Best Western, L'Auberge de Sedona Resort, Los Abrigados Resort and Spa, Marriott Courtyard, Basha's Grocery Store, Safeway Grocery Store, and Whole Foods Store. According to the U.S. Department of Labor, Bureau of Labor Statistics, the City of Sedona had a labor force of 5,173 and an unemployment rate of 4.1% in 2022.²³

The City of Sedona is named after an early settler by the name of Sedona Schnebly. Sedona was first settled in 1876 with agricultural development and became known for the abundant apple orchards. Famous artists including Max Ernst moved to Sedona starting in 1950, establishing a thriving artist community. Sedona has evolved into a large attraction, drawing tourists to the beautiful red rock formations, the unique small-town atmosphere, recreation, resorts, and the arts centers. The numbers of tourists that visit Sedona are second only to the Grand Canyon in the State of Arizona.

New building permits remain steady with approximately 63 permits issued per year since 2018.²⁴

²³ Arizona Commerce Authority. (2023, January 1). Community profile for Sedona. Retrieved February 24, 2023, from <https://www.azcommerce.com/a/profiles/ViewProfile/110/Sedona/>.

²⁴ City of Sedona. Archived building permit info. Retrieved on March 22, 2023 from <https://www.sedonaaz.gov/your-government/departments/community-development/permits/archived-building-permit-info>.

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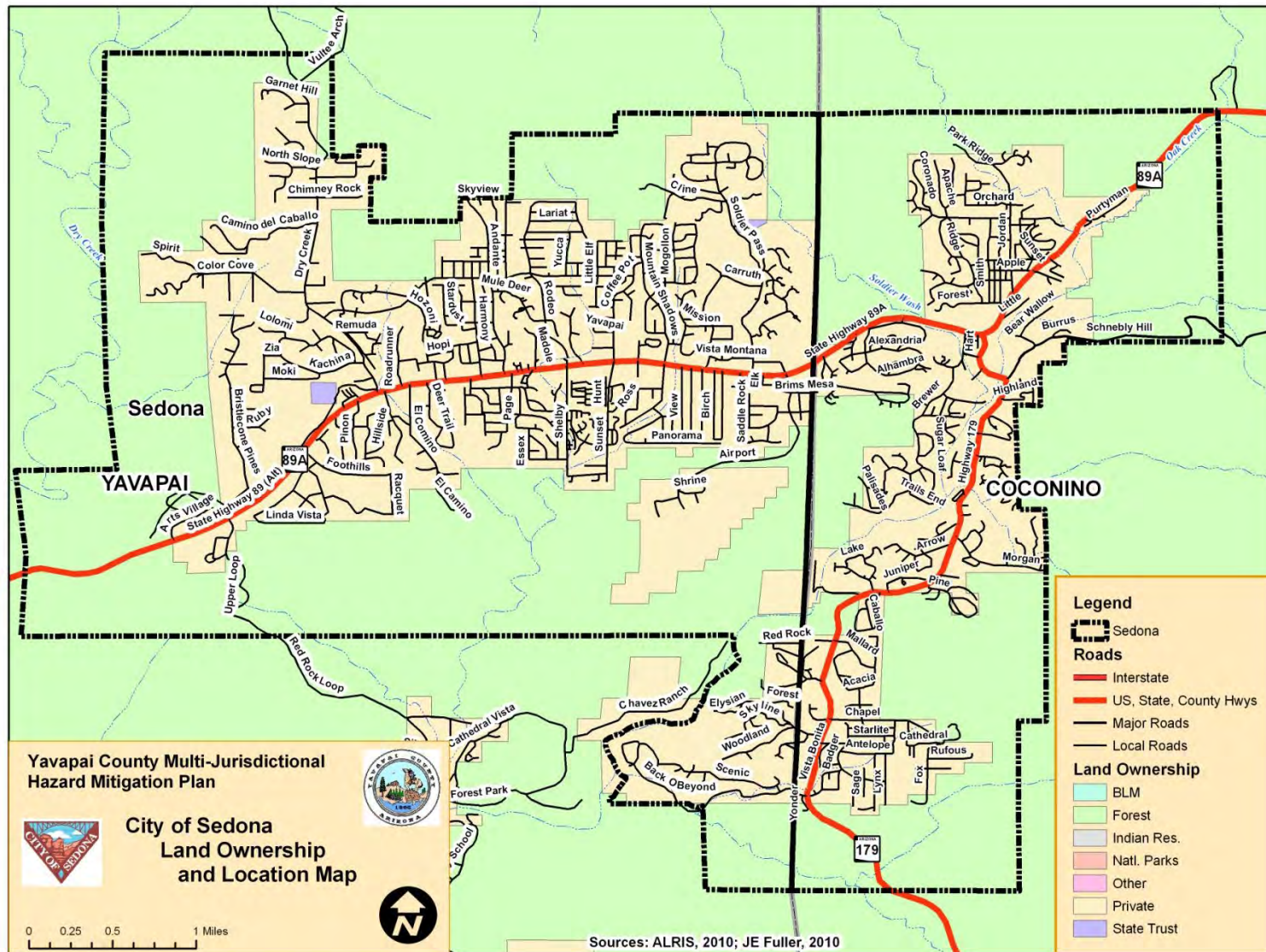


Figure 13 Map 2 - 12: Sedona Land Ownership and Location

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2.11 Yavapai-Prescott Indian Tribe

The Yavapai-Prescott Indian Tribe is a federally recognized Tribe that is organized and established as a sovereign nation pursuant to the provisions of the Indian Reorganization Act of June 18, 1934. The Tribe adheres to its Tribal constitution and sovereign government status.

The Yavapai-Prescott Indian Tribe land is held in trust by the federal government through the Secretary of the Interior and, therefore, requires compliance with federal laws as it pertains to the environment and community land within the reservation boundaries. According to the Yavapai-Prescott Indian Tribe Land Use Master Plan,²⁵ the reservation was officially established on 75 acres that were transferred from the Old Fort Whipple Military Reserve to the Interior Department on June 7, 1935. This land transfer created the only reservation just for Yavapai Indians. When the Reservation was established, the government also issued two cows to each family as a potential source of income. Over time, as the cattle herd grew, the government finally agreed to increase the Reservation by an additional 1,320 acres from the Old Fort Whipple Military Reserve. These acres were officially included as part of the Reservation on May 18, 1956.

The Yavapai-Prescott Community Association adopted its Articles of Association in 1962 and thereby established a legal community and the current day government structure. The Tribe governs itself through a five-member elected Board of Directors. The officers of the Tribal Board of Directors consist of a President, Vice-President, and Secretary/Treasurer. The Tribal government administers programs in housing, community development, health, social services, history/culture, and education.

The Yavapai-Prescott Indian Reservation (Reservation) is in central Arizona. The Reservation boundaries are within the central portion of Yavapai County and situated north of and adjacent to the City of Prescott. The Reservation contains 1,395 trust acres and approximately 29 acres of permanent easement. Elevations vary from a low of approximately 5,210 feet above sea level where Granite Creek exits the Reservation to a high of 5,900 feet at the Reservation boundary near the summit of Badger Mountain.

Terrestrial characteristics of the Reservation include terrain that varies from the nearly flat floodplain along Granite Creek to mountainous, forested land at the southeast end of the Reservation. Most of the Reservation is composed of hilly terrain that is a part of the watershed of Granite Creek, an ephemeral stream bisecting the Reservation from the southwest to the northeast. The vegetation on the Reservation ranges from open grassland to wooded mountains. Some of the wildlife that exists in the area includes coyote, brush mouse, roadrunner, pronghorn, Red-tailed hawk, Gambel's quail, common raven, rock squirrel, and mule deer.

The history of the Yavapai Tribe has its origins in the prehistory of the North American southwest. For thousands of years, the Yavapai lived within a territory encompassing over nine million acres known now as central and western Arizona. Although there were three divisions of Yavapai, they considered themselves one people who spoke the same language and shared common beliefs and customs. Except for minor skirmishes with neighboring tribes, the Yavapai lived in peace.

Prior to the 1860s, it is estimated that the Yavapai homelands supported several thousand members of the Tribe. Relatively untouched by non-Indian visitors, rapid changes to their lifestyle began to occur as settlers and miners invaded their homelands as early as the 1840s. At first, the Yavapai sought to live alongside the newcomers in peace. The Anglos, however, mistakenly identified them as Apache and attacked Yavapai at every opportunity. By the mid-1860's, the Yavapai could no longer move about freely in search of game and shelter and began to fight back in a desperate attempt to hold their land and its resources.

During the 1870's, several attempts to relocate the Yavapai onto the Reservations failed primarily due to inadequate food and supplies. Yavapai were first driven to the Rio Verde Reservation. In 1875, they were force marched to the San Carlos Apache Indian Reservation on what became known as the Trail of Tears. This difficult 180-mile journey

²⁵ Yavapai-Prescott Indian Tribe, 1999, *Land Use Master Plan*.

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resulted in the deaths of more than 115 Yavapai men, women, and children. At the San Carlos Apache Indian Reservation, scarce supplies of food and water, illness, and disease further reduced the Yavapai population.

By the early 1900s, eight families from the San Carlos returned to the Prescott area and joined a few Yavapai that managed to escape during the earlier relocations. Some Yavapai moved to reservations at Middle Verde and Fort McDowell, while some remained at San Carlos. Historians estimate that by this time the entire Yavapai Tribe had been reduced to fewer than 600 Indians whose numbers and lifestyles were unalterably changed.

In 1935, an Act of Congress established the Yavapai-Prescott Indian Reservation on 75 acres of land transferred from the Old Fort Whipple Military Reserve. In 1956, the U.S. government added 1,320 acres, also from the Military Reserve to the Reservation.

During the last 20 years, the Tribe has successfully implemented strategies for economic development on the Reservation. The benefits of this development include the creation of a wealth of jobs, not only for Tribal members, but also for the surrounding labor force available from Prescott, Prescott Valley, and surrounding communities.

Table 2-2: On-Reservation Development & Business Ventures	
Business Venture	Number of Employees
Frontier Village (44 Tenants)	820
Sundog Business Park (14 Tenants)	56
Prescott Resort	130
Tribal Gaming Agency (includes Bucky's & Yavapai Casinos)	275
Government Operations	
Tribal Government (includes Tribal Administration & Regulatory)	305
TOTAL	1,586
Note: Figures from Yavapai-Prescott Indian Tribe as of February 2023.	

Figure 14 Table 2-2: On-Reservation Development & Business Ventures

The Yavapai-Prescott Indian Tribe Land Use Master Plan will guide future development of Reservation lands. The Master Plan identifies and maps provisions for potential future development of residential, commercial, and light industrial land uses. There are also areas that have been specifically identified as Resort Hotel, Cultural/Museum, Open Space, Riparian, and Mountain Reserves.

The residential area in the northwest portion of the Reservation is planned to meet the housing needs of the Tribal membership. This land use category is comprised of approximately 168 acres that encompass the existing housing area. In 1999, the Tribe began working with the Bureau of Indian Affairs and Indian Health Service to evaluate development alternatives to expand the existing residential infrastructure to accommodate approximately 25 new homes.

Other areas planned for future development include commercial opportunities along State Route 69 and the extreme northwest corner of the Reservation, and light industrial areas east of State Route 89 along the northern reservation boundary.

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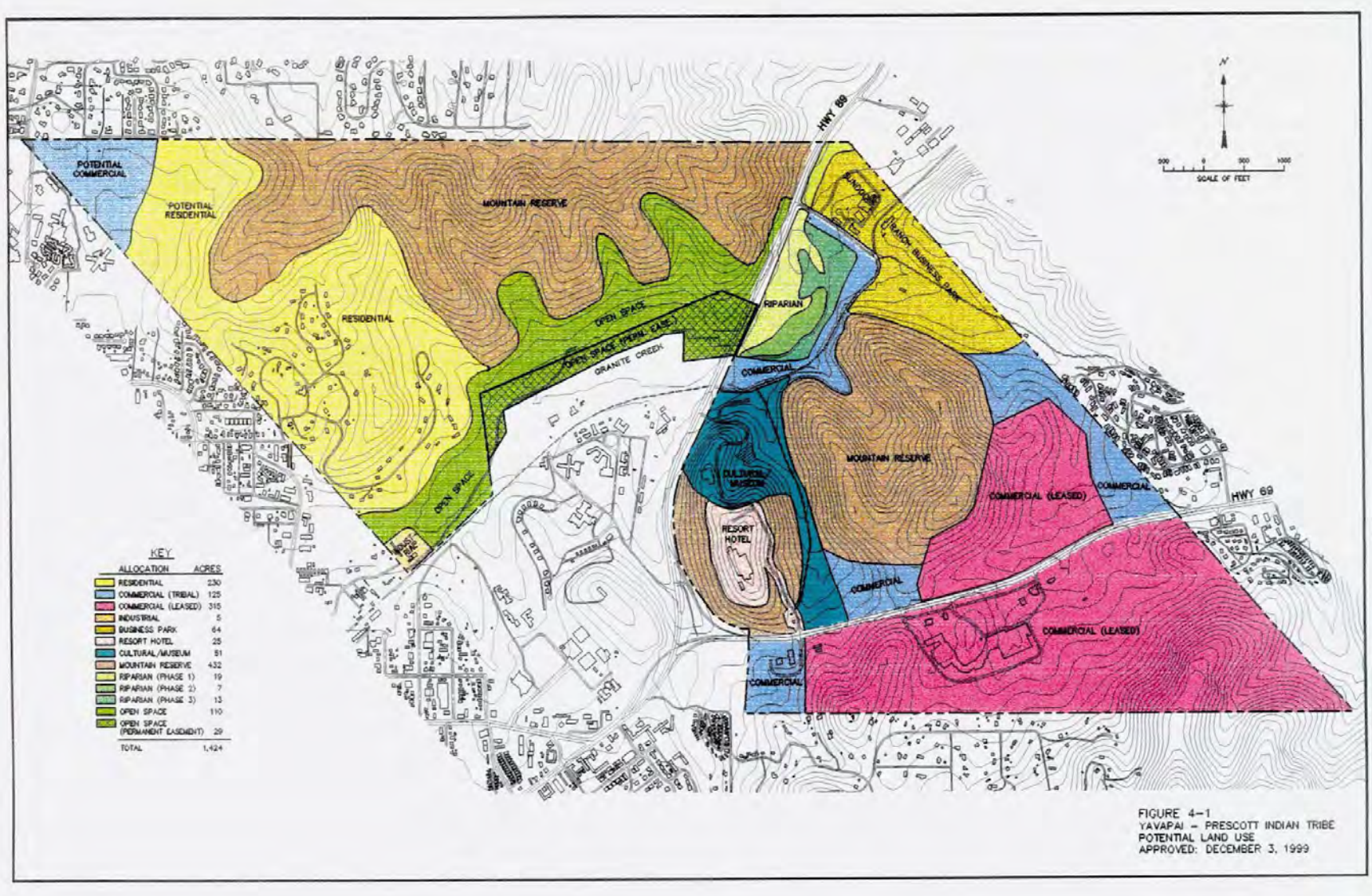


Figure 15 Map 2-13: Yavapai-Prescott Indian Tribe Land Use Master Plan

SECTION 3: PLANNING PROCESS

3.1 Planning Team and Activities

Prior to beginning the update process, the Yavapai County Office of Emergency Management contracted with NWFF Environmental to conduct a review of the Plan, coordinate the planning meetings, and to perform the revision of the 2018 Plan to meet the requirements outlined in FEMA Policy-206-21. To accomplish these tasks, NWFF conducted a Gap Analysis of the Plan and began coordinating information requests with the Yavapai County Office of Emergency Management and the primary contacts identified for each jurisdiction. Through coordination with Yavapai County planning team was established comprised of internal staff and local jurisdiction members (table 3-1). The role of the planning team was to draft and review the revised Plan. The planning team conducted three meetings over a two-month period.

Primary Planning Points of Contact:

Table 3-1: Planning Team Members		
Name	Agency/Jurisdiction	Department/Position
Ashley Ahlquist	Yavapai County	Office of Emergency Management
Lynn Whitman	Yavapai County	Flood Management
John Sterling	Yavapai Prescott Indian Tribe	Environmental Protection Specialist & Tribal Emergency Manager
Heather Vinson	Camp Verde	Risk Manager
LT Josh McIntire	Chino Valley	Police Dept
LT Joe Candeleria	Clarkdale	Police Dept
Ron Sauntman	Cottonwood	Fire Chief
Bruce Smith	Dewey Humboldt	Public Works Director
Allen Muma	Jerome	Chief of Police
Amy Bonney	Prescott	Chief of Police
Holger Durre	Prescott	Fire Chief
Boyd Robertson	Prescott Valley	Public Works Director
LT Jason Kaufman	Prescott Valley	Police Dept
Stephanie Foley	Sedona	Chief of Police

Figure 16 Table 3-1 Planning Team Members

The initial planning meeting was conducted on 7 Feb 2023, and it identified the individual members and discussed the importance of the Plan with respect to community-wide benefits and access to State and Federal funding for mitigation projects. A discussion was held about the role of NWFF and items requiring revision under FEMA Policy. The team members were tasked with completing capability assessments and mitigation strategies for their respective jurisdictions. Two more meetings were convened on about a 3-week basis to step through the plan review and update process. Planning Team members used copies of the 2018 Plan for their jurisdiction for review and reference.

As a part of the plan update process each planning team member representing a local or tribal community utilized local resources and coordinated efforts with others to ensure accurate material for this Plan. This activity could range from technical assistance to having a local planning team established. The others involved in the process are captured below so that the information may be helpful in future planning efforts.

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Name / Title	Jurisdiction Agency/Dept/Division
Jeremy Dye / Director	Yavapai County Development Services
Dan Cherry / Director	Yavapai County Public Works
Lynn Whitman / Director	Yavapai County Flood Control District
Joe Huot / Operations Manager	Yavapai County Public Works
Beth Evans / Town Clerk	Dewey-Humboldt
Ruth Mayday / Director	Clarkdale Community Development
Robert Ogo	YPIT President
Calvin Hunter Jr.	YPIT Vice President
Lorna Galeano	YPIT Secretary-Treasurer
Sheila Salazar	YPIT Board Member
April Caballero	YPIT Community Health Representative
Scott Desjaden	YPIT Chief of Police
Peter Bourgois	YPIT Planner

Figure 17 Involved Stakeholders

3.2 Public Outreach/Stakeholder Involvement

For the purpose of this Plan, the jurisdictions and Indian Tribe defines the ‘Public’ as the area residents and stakeholders.

To educate the public and stakeholders on the risks facing the communities and engage them in the planning process, the Planning Team used a whole *community approach*. This type of approach to public and stakeholder outreach can produce benefits such as a better understanding of risks and needs, increasing resources, and building more resilient communities.

Special focus was placed on involving stakeholders in the community lifelines. FEMA defines community lifelines as those services which “enables the continuous operation of critical government and business functions and is essential to human health and safety or economic security. The most fundamental services in the community that, when stabilized, enable all other aspects of society to function.”²⁶

To ensure the community received an equitable opportunity to voice their opinions and concerns the County posted draft public notices and a copy of the draft plan to the County website. The Tribe performed similar efforts on their website and posted notices throughout the community. The Jurisdictions and Tribe performed press releases over the radio and in local newsletters announcing the availability of the draft for public review and comment, and outreach campaigns were conducted during local events. Public outreach efforts did not produce any questions, concerns, or responses.

During the previous plan cycle, the participating jurisdictions/tribe took the following actions to keep the public and stakeholders aware of and involved in their respective risks and mitigation efforts:

²⁶ Federal Emergency Management Agency. Community Lifelines. Retrieved Mar 15, 2023, from <https://www.fema.gov/emergency-managers/practitioners/lifelines>.

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Table 3-3: Past Public Outreach/Involvement

Jurisdiction	Activities
Yavapai County	• Conducted public involvement efforts related to drainage and floodplain delineation studies to keep public aware of flood hazards and mitigation efforts. • Maintained a hazard mitigation webpage presence with a copy of the Plan posted for public review and comment. • Presented all major mitigation projects to the Board of Supervisors for approval and funding. • Developed Firewise and Defensible Space community education program: Expos, community meetings, education programs for civic groups, and town hall meetings. • Worked with all stakeholders from Federal, State, and Local Agencies to develop a comprehensive wildland fuel mitigation program. • Wildfire expos • Tabletop exercise with local leadership for EM issues
Camp Verde	• Provided a public notice in local papers of progress, including completed mitigation actions/projects, at least once per year. • Provided an update on the mitigation plan status to the Town Council during a public hearing at least annually, as well as provide public awareness of the potential hazards in the community. • Maintained and updated the Town's Hazard Mitigation webpage. • Educated the public to increase the awareness of hazards and opportunities for mitigation actions with informational hazard mitigation brochures at local events such as National Night Out, Pecan and Wine Festival Fort Verde Days).
Chino Valley	• Maintained a website linking the public to the county website where the Plan will be posted. • Provided hazard mitigation brochures provided by ADEM at Town Hall and other public venues. • Presented and obtain approval for all hazard mitigation related projects from the Town Council
Clarkdale	• The Town maintained a website linking to the county website where the Plan was posted. • Educated the public to increase the awareness of hazards and opportunities for mitigation actions with informational hazard mitigation brochures at local events such as National Night Out, July 4th, Halloween. • Informed and encouraged residents to join the County Code Red emergency notification system through website, newsletter articles and social media information blasts. • Conducted public involvement efforts related to drainage and floodplain to keep the public aware of flood hazards and mitigation efforts. • Provided brochures provided by DEMA at Town Hall and other public venues
Cottonwood	• The city maintained a website or link to the county website, where the Plan was posted, and the public will have an opportunity to comment and make recommendations for changes. • PSA announcements in the local newspapers and public notices were posted with the development of mitigation activities.
Dewey-Humboldt	• Provided the public the opportunity to view and discuss projects contained within the hazard mitigation plan in the previous 5 years by participating in the budget meetings every year.
Jerome	• Continued the Drainage Master Plan work on Golf Road through public input. • Distributed flyers, pamphlets, newsletters, posting of mitigation issues throughout the town as wells as during the Annual Firewise Community Day.
Prescott	• Participated in a vast array of local stakeholder meetings to garner input to various community needs associated with city issues at Public Works Forums, Fire Dept Open House Events, and as part of public comment periods at regular voting meetings of the City Council • Participated in the annual Home Show sponsored by the Yavapai County Contractors Association distributing fire and public safety awareness materials.

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	- Regularly attended and serve as participant at the Prescott Area Wildland Urban Interface Commission (PAWUIC) and interact with community leaders in each of the 22 Fire Wise communities within Prescott. - Participated in Earth Day activities on the Courthouse Square to interact with the visiting public and showcase the inter-agency cooperation between the City of Prescott, US Forest Service, Dept of Forestry and Fire Management, PAWUIC, and our other local fire districts focusing on Wildfire risk and prevention.
Prescott Valley	- Conducted public involvement efforts related to floodplain delineation studies, as well as all hazards to keep public aware of the various hazards and mitigation efforts. - Maintained a hazard mitigation webpage with the Plan posted for public review and comment. - Presented all major mitigation related projects to the Town Council for approval and funding. - The Town continued to provide the same public involvement opportunities as is in the past. - Maintained website link to the county's website where the Plan will be posted.
Sedona	- The Sedona Fire District (SFD) continuously conducted outreach on defensible space for wildfire. Every year in May residents of the SFD can bring in yard brush and tree cuttings in an effort to mitigate the extent of residential structural damage from a wildfire. - The City of Sedona has an email address of FloodStatus@SedonaAZ.gov for real estate agents and members of the community to request Flood Status Reports on any parcel within the city. - Created a Community Emergency Preparedness Guide to ensure the community can be ready and resilient for any disaster that may arise in the future. - Participated in the Climate Profile for the Verde Valley in 2020 with CLIMAS. - Adopted Climate Action Plan in July 2021. - Built two demonstration gardens for drought-resistant plants that attract pollinators. - Watershed cleanups with Oak Creek Watershed Council. - The process of implementing the Evacuation Zone Plan has involved residents from the community.
Yavapai-Prescott Indian Tribe	The Tribe conducted continued public involvement through the following: - LEPG meetings (conducted quarterly), - Regular public outreach through Environmental Program events (events are conducted 6 times throughout a year from August to July; every couple of months), - TEDC Newsletter (published 4 times a yr.)

Figure 18 Table 3-3: Past Public Outreach/Involvement

3.3 Plan Adoption

This Plan was developed for the utilization of the citizens and government offices throughout Yavapai County. It is intended to inform public policy and decision making. Prior to the plan becoming an official government, guiding, document of Yavapai County or the Yavapai Prescott Indian Tribe, the Arizona Department of Emergency and Military Affairs (AZ DEMA) will review and approve the plan. Upon AZ DEMA's approval, each jurisdiction shall incorporate the Plan. Once each stakeholder jurisdiction has adopted the Plan, Yavapai County will adopt and enact the plan. See Appendix C for each jurisdiction's letter of incorporation.

3.4 Program Incorporation

During the planning process, the Planning Team reviewed various plans, studies, reports, and technical information for incorporation or reference purposes in this Plan. Table 3-4 lists the primary documents and technical resources reviewed by the Planning Team and identifies how they were useful to the planning process.

Similarly, the findings identified, and planning process used in this plan, will inform the jurisdictions and tribal

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ongoing planning efforts. The findings, which include the capabilities identified and mitigation strategies noted, will be integrated into other plans such as the emergency operations plan, continuity of government plan, and other phase plans. The Yavapai Prescott Indian Tribe, for example, is concurrently using this information to assist in the development of a THIRA and EOP update. The planning process has also driven YPIT to join regular calls with FEMA and Department of Emergency and Military affairs to local hazards like fire danger and mitigation efforts. They are expanding their partnerships with the Prescott National Forest.

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Table 3-4: Review/Incorporation of Existing Plans and Resources	
Resource	Description of Reference and Its Use
2021 International Fire Code	Resource for Town of Camp Verde
2021 International Building Code	Resource for Town of Camp Verde
Applied Climate Information System (ACIS)	Resource for historic climate data including, temperature, precipitation, snowfall, snow depth, etc.
AZ Department of Commerce	Reference for demographic, population projections and economic data for the county. Used for community descriptions
AZ Division of Emergency Management	Resource for state and federal disaster declaration information for Arizona. Also, a resource for hazard mitigation planning guidance and documents.
AZ Department of Water Resources	Resource for data on drought conditions and statewide drought management (AzGDTF), and dam safety data. Used in risk assessment.
AZ Geological Survey	Resource for earthquake, fissure, landslide/mudslide, subsidence, and other geological hazards. Used in the risk assessment.
AZ State Land Department	Source for statewide GIS coverages (ALRIS) and statewide wildfire hazard profile information (Division of Forestry). Used in the risk assessment.
AZ Wildland Urban Interface Assessment	Source of wildfire hazard profile data and urban interface at risk communities. Used in the risk assessment.
Cottonwood General Plan	Source for history, demographic, and development trend data for the city.
Clarkdale General Plan	Source for history, demographic, and development trend data for the town.
Clarkdale General Plan	Source for history, demographic, and development trend data for the city.
Northern Arizona University Website	Source for historical earthquake information for Clarkdale. Used in Risk Assessment
Clarkdale Town Code	2022 International Building Codes for building, residential, plumbing, mechanical, electric, fuel gas, fire, and property maintenance. Flood Damage Prevention Ordinance. Grading Ordinance.
FEMA – 2021 Flood Insurance Study	Used to establish vulnerable areas needing mitigation work for county flood grant projects and infrastructure enhancements.
FEMA – Community Lifelines	Used in conjunction with HAZUS to determine assets available throughout the coverage area.
Town Area Master Drainage Study	Used to establish vulnerable areas needing mitigation work for county flood grant projects and infrastructure enhancements.
Yavapai County Comprehensive Plan Update 2023	Resource for land use and growth areas throughout the County.
Yavapai County Flood Control District	Resource for identification of flood hazard areas.
National Weather Service	Historical data to determine winter storm risk

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Table 3-4: Review/Incorporation of Existing Plans and Resources	
Resource	Description of Reference and Its Use
Cottonwood Master Drainage Study	Resource to determine hazard levels posed by low water crossings on city streets
Cottonwood General Plan	Source for history, demographic, and development trend data for the city.
Yavapai County Emergency Operations Plan	Source for history, demographic, and development trend data for the county, as well as hazard demographics.
Yavapai County Community Wildfire Protection Plan	Source of data and strategy for wildland fire mitigation. It is a collaborative document used in planning and technical information
Yavapai County Geographic Information Systems Department	Source for countywide GIS coverage. Used in the risk assessment.
Yavapai County Recovery Plan	Source for history, demographic, and development trend data for the county, as well as hazard demographics.
Yavapai County Gap Analysis	Source for history, demographic, and development trend data for the county, as well as hazard demographics.
Dewey-Humboldt General Plan	Source for history, demographic, and development trend data for the city.
Dewey-Humboldt Transportation Study	Source for town wide road conditions and needs.
Jerome Master Drainage Plan – on file at Town Hall	Source for the history and development of Jerome’s drainage plan – Identification of drainage projects and prioritization of improvements for excessive overflow and/or flood control
Prescott Valley Community Ingress/Egress Study	Evaluate communities and subdivisions for ingress and egress for the purpose of evacuation and emergency response. A traffic impact analysis is required for all new development
Prescott Valley Floodway Channelization Study	Data associated with the four major floodway channels intersecting Prescott Valley.
Prescott Valley Historical Data	Historical Data of hazardous events in Prescott Valley
Yavapai County Flood Control District Flood Data Sets	GIS Data Layers of district water courses, elevation, and capacity.
Sedona Community Plan	Source for history, demographic, and development trend data for the city.
U.S. Department of the Interior – Indian Affairs	Used for native tribal land plots throughout the county.
United States Geological Survey	Used for Fault Lines, Earthquake epicenter historic locations, base map elements.
Yavapai-Prescott Indian Tribe’s Land Use Master Plan	Source of land planning information on tribal lands.
Yavapai-Prescott Indian Tribe Water Management Plan	Information and data are shared between the Water Management Plan and the drought hazard profile where it pertains to the Tribe.
Wildland Fire Management Plan Yavapai-Prescott Indian Reservation	Information and data are shared between the Wildland Fire Management Plan and the wildfire hazard profile where it pertains to the Tribe.

Figure 19 Table 3-4: Review/Incorporation of Existing Plans and Resources

SECTION 4: RISK ASSESSMENT

4.1 Section Changes

- Hazard Risk Profiles modified to include the following sections:
 - **History** -- Counties and jurisdictions incorporated significant recent hazard events which occurred in the past five years.
 - **Extent** – This section helps define the characteristics of the hazard with regards to the size or scale.
 - **Probability of Future Events** – This section discusses the likelihood of future event based on the vulnerabilities created by future conditions.
 - **Vulnerability** – This is a narrative statement explaining the jurisdiction’s vulnerability to each hazard.
 - **Changes in Development in the Hazard Area** – This section identifies any changes in development in the hazard area over the last five years.
- The Risk Assessment Summary was modified to include the following sections:
 - **Additional Considerations** – This section details special and/or unique considerations for jurisdictions within the planning area.
 - **Populations at Risk** – This section provides a discussion about community members with attributes that limit their accessibility or resilience.

4.2 Hazard Identification

The Planning Team reviewed the list of hazards identified in the 2018 Plan with the goal of refining the list to reflect the hazards that pose the greatest risk to the jurisdictions represented by this Plan.

The review included an initial screening process to evaluate each of the listed hazards based on the following considerations:

- Experiential knowledge of the Planning Team about the relative risk associated with the hazard.
- Documented historic context for damages and losses associated with past events (especially events that have occurred during the last plan cycle).
- The ability/desire of the Planning Team to develop effective mitigation for the hazard.
- Compatibility with the State Hazard Mitigation Plan hazards.
- Duplication of effects attributed to each hazard.

As part of the screening, the Planning Team reviewed historic hazard information. Table 4-1 outlines declared disaster events within Yavapai County.

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Declared Hazard Events in Yavapai Co ²⁷		
	Total (since 1966)	Last 10 years (since FY14)
AZ State Disasters	52	7
Federal Disasters	11	1
Yavapai County Disasters	52	7
Types of Disasters	22	5
Agricultural/Insect	3	0
Civil / Law Enforcement	4	1
Drought	1	0
Fire / Wildfire	19	3
Flooding	12	1
Flooding & Earthquake	0	0
Flooding & Snow	2	0
Flooding & Wind	1	0
HAZMAT	2	0
Intrastate Assist	0	0
Landslide	0	0
Other	1	0
Public Health	1	1
Search & Rescue	1	0
Snow	3	0
Snow & Extreme Temperatures	0	0
Snow & Wind	1	0
Terrorism	0	0
Tornado	0	0
Tribal Assist	0	0
Utility	1	0
Wind	0	0
Open State Disasters (as of 02/02/2023)	5	3
Open Federal Disasters (as of 02/02/2023)	2	1
Governor's Emergency Fund Allocations (Not adjusted for current dollar value)	\$66,235,132.65	\$8,645,219.10
Federal Expenditures (Not adjusted for current dollar value)	\$642,311,136.93	\$256,759,886.12

Figure 20 Table 4-1: Declared Hazard Events in Yavapai Co

Each participating jurisdiction shares similar hazards with no significant deviation in type, although the potential risk associated with the hazard varies by location. Each jurisdiction must plan for and anticipate encountering the entirety of the hazards listed in Table 4-1. Their individual Threat and Hazard Identification and Risk Assessments (THIRA) will inform the jurisdictions of the capabilities and resources available and required to manage those hazards. For the Hazard Mitigation Plan, the Planning Team narrowed the hazard types to down to six categories—some of the hazard types are interrelated, that is they present compounding factors which could increase the severity of hazard. The Planning Team selected the following list of hazards for profiling and updating based on the above explanations and screening process:

²⁷ Information provided by the Arizona Department of Emergency and Military Affairs.

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Earthquake	Severe Wind
Flooding	Fire / Wildfire
Landslide/Mudslide	Winter Storms

Figure 21 Profiled Hazards

4.3 Vulnerability Analysis Methodology

For this Plan, the Planning Team reviewed the vulnerability analysis and where necessary, updated the Plan to reflect the hazard categories, the availability of new data, or differing loss estimation methodology.

Calculated Priority Risk Index (CPRI) Evaluation

The Planning Team used the CPRI to assess the perceived overall risk of each hazard identified in this Plan. The CPRI value is obtained by assigning varying degrees of risk to four categories for each hazard, and then calculating an index value based on a weighting scheme.

4.4 Hazard Risk Profiles

For each hazard, the following elements address the overall risk profile:

- Description
- History
- Extent (of the hazard in the planning area)
- Probability of Future Events
- Vulnerability
 - CPRI Results
 - Jurisdictional Vulnerability Narrative
- Changes in development in the Hazard Area

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CPRI Categories & Risk Levels				
CPRI Category	Degree of Risk			Assigned Weighting Factor
	Level ID	Description	Index Value	
Probability	Unlikely	- Extremely rare with no documented history of occurrences or events. - Annual probability of less than 0.001.	1	45%
	Possible	- Rare occurrences with at least one documented or anecdotal historic event. - Annual probability that is between 0.01 and 0.001.	2	
	Likely	- Occasional occurrences with at least 2 or more documented historic events. - Annual probability that is between 0.1 and 0.01.	3	
	Highly Likely	- Frequent events with a well-documented history of occurrence. - Annual probability that is greater than 0.1.	4	
Magnitude Severity	Negligible	- Negligible property damages (less than 5% of critical and non-critical facilities and infrastructure). - Injuries or illnesses are treatable with first aid and there are no deaths. - Negligible quality of life lost. - Shut down of critical facilities for less than 24 hours.	1	30%
	Limited	- Slight property damages (greater than 5% and less than 25% of critical and non-critical facilities and infrastructure). - Injuries or illnesses do not result in permanent disability and no deaths. - Moderate quality of life lost. - Shut down of critical facilities for more than 1 day & less than 1 week.	2	
	Critical	- Moderate property damages (greater than 25% and less than 50% of critical and non-critical facilities and infrastructure). - Injuries/illnesses result in permanent disability and at least 1 death. - Shut down of critical facilities for more than 1 week and less than 1 month.	3	
	Catastrophic	- Severe property damages (greater than 50% of critical and non-critical facilities and infrastructure). - Injuries or illnesses result in permanent disability and multiple deaths. - Shut down of critical facilities for more than 1 month.	4	
Warning Time	Less than 6 hours	Self-explanatory.	4	15%
	6 to 12 hours	Self-explanatory.	3	
	12 to 24 hours	Self-explanatory.	2	
	More than 24 hours	Self-explanatory.	1	
Duration	Less than 6 hours	Self-explanatory.	1	10%
	Less than 24 hours	Self-explanatory.	2	
	Less than 1 week	Self-explanatory.	3	
	More than 1 week	Self-explanatory.	4	

Figure 22 Table 4-2: CPRI Categories & Risk Levels

4.4.1 Earthquake

Description

There are several common measures of earthquakes. The Richter Magnitude Scale is a mathematical scale, which measures the intensity of ground motion. Because of the logarithmic basis of the scale, each whole number increase in magnitude represents a ten-fold increase in measured amplitude, and 31 times more energy released. The Modified Mercalli Intensity Scale measures the earthquake intensity by the damage it causes. Peak Ground Acceleration (PGA) is a measure of the strength of ground movements. It expresses an earthquake's severity by comparing its acceleration to the normal acceleration due to gravity. The severity of an earthquake is also dependent upon the source of the quake. The severity of the vibration increases with the amount of energy released and decreases with distance from the causative fault or epicenter.

Soil type can also affect the severity of an earthquake at a given location. This is because seismic waves propagate from the epicenter and travel outward through the bedrock up into the soil layers. As the waves move into the soils, the soil consistency affects the wave speed and velocity. In stiff or hard soil, the wave generally will travel at lower velocities. With slower waves, the seismic energy is modified, resulting in waves with greater amplitude. This amplification results in greater earthquake damage.

Magnitude	Danger Level	Earthquake Effects
2.5 or greater	1	Noticed by few people. No likelihood of damage to buildings.
3.5 or greater	2	Felt in scattered locations outdoors and noticed by many people in buildings. Generally, no likelihood of damage to buildings.
4 or greater	3	Likelihood of damage to buildings such as cracks in plaster. High likelihood of larger cracks in walls and interior wall collapse in less stable buildings. Damage is likely to be caused by falling objects in buildings. The earthquake is felt across a wide area, people are alarmed.
4.7 or greater	4	Likelihood of severe damage to buildings. Less stable structures may have collapsed. Damage was highly likely to be caused by falling objects in buildings. The earthquake was felt strongly, people were alarmed and lost their balance.
5.4 or greater	5	High likelihood of severe damage to buildings, even to very stable structures. Buildings may have collapsed. The earthquake was felt very strongly, people were alarmed and lost their balance.

Figure 23 Fig 4-1: Richter Scale

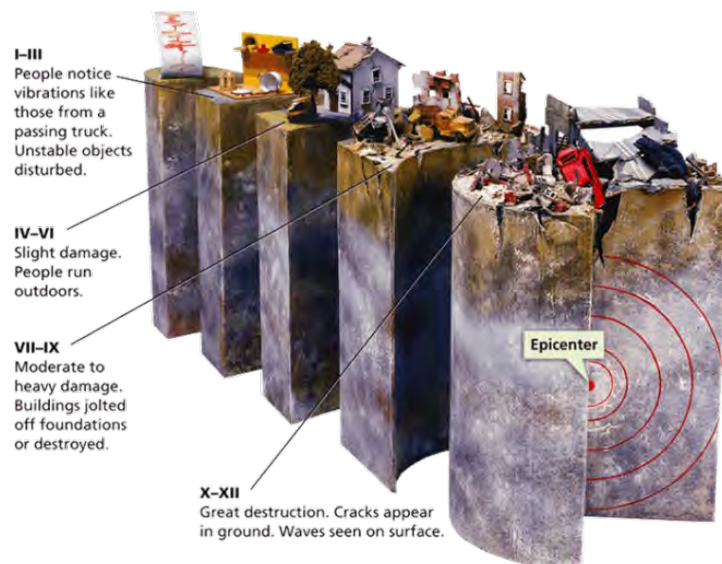


Figure 24 Fig 4-2: Mercalli Scale

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An earthquake occurs when the pressure of seismic stress is abruptly released. The seismic energy is dispersed in waves that move through the earth and cause the ground to shake violently. It is this shaking motion and the subsequent behavior of the earth's surface which is strongest in areas of soft soils, such as in river valleys or along the shorelines of bays and lakes that cause liquefaction, landslides, ruptures, or ground failure that destroy buildings and other infrastructure. Wave velocity is slower in soils than in the underlying rock of the earth's crust. Softer soils amplify ground shaking. The greater the wave velocity difference, the greater the amplification of ground surface shaking. Consequently, ground shaking in areas of soft soils underlain by stiffer soils or rock is generally stronger than in areas where there is little or no variation between the surface and lower layer. Ground failures include surface faulting, landslides, subsidence, and uplifting. Surface faulting is the differential movement of two sides of a fracture – in other words, the location where the ground breaks apart. The length, width, and displacement of the ground characterize surface faults. Subsidence is the sinking of soils. Uplifting is the elevation of soils. Unstable and unconsolidated soils are most vulnerable to ground failures and surface faulting. Liquefaction is the phenomenon that occurs when ground shaking causes loose soils to lose strength and act like viscous fluid. Liquefaction causes two types of ground failure: lateral spread and loss of bearing strength. Lateral spreads develop upon gentle slopes and entail the sidelong movement of large masses of soil as an underlying layer liquefies. Loss of bearing strength results when the soil supporting the structures liquefies. This can cause structures to tip and topple. Liquefaction typically occurs in artificial fills and in areas of loose sandy soils that are saturated with water, such as low-lying coastal areas, lakeshores, and river valleys.

The magnetic data of the Upper and Middle Verde maps paleochannels that were filled with basalt and reveals a predominantly northeast to North-striking structural grain within Proterozoic basement rocks. The magnetic grain may serve as a proxy for fracturing and impermeable rocks.

History

Yavapai County has a moderate earthquake risk. Since 1931, the county has experienced 21 earthquakes with the largest occurring in 1976 at M_L 5.1. The County is subject to ground shaking from earthquakes originating on neo tectonic faults within the County, as well as from other nearby earthquake sources, such as the Hurricane or Toroweap faults and the Northern Arizona Seismic Belt (NASB). The Arizona Earthquake Information Center (AEIC) at Northern Arizona University in Flagstaff notes that any of the Yavapai faults have the potential of a 7.25 magnitude quake. Jerome is particularly prone to severe damage due to its mountain perch and history of landslides.

Historically, earthquakes originating in the NASB have resulted in ground shaking to the Yavapai County region in 1906 (M 6.2), 1910 (M 6.0), and 1912 (M 6.2). The M_L 5.1 Chino Valley earthquake of February 1976 resulted in minor damage to several Yavapai County communities. Other historical accounts describe earthquake shaking in the Yavapai County area (DuBois and others, 1982). Portions of Yavapai County are underlain by a northwest trending system of faults, including the Aubrey, Big Chino, Verde, and Horseshoe faults. These faults bisect the County from the northwest to the southeast. Paleo seismological studies by Euge and others (1992) indicate movement within the past 100,000 years and the potential to produce a magnitude 7.25 earthquake.

A large ground-rupturing earthquake on either of the Aubrey, Big Chino, Verde, or Horseshoe is considered a worst-case scenario for the Yavapai County community. The largest event of spring 2011, was the M_L 3.7 north of Clarkdale, AZ, which was widely felt in Cottonwood, Arizona, and as far east as Winslow. The AEIC received felt reports for this event from several Cottonwood residents, all of whom experienced the shaking from indoors. Based on community feedback, the US Geological Survey assigned this event a Modified Mercalli Intensity of IV -- weak shaking and no apparent damage. This event followed a M_L 3.6 earthquake that occurred January 23, 2011, in virtually the same location, near the mouth of Sycamore Canyon. The felt area for this second event was much smaller, and no reports were filed at the AEIC. These two Sycamore Canyon events are considerably larger than any recent or historic activity at this location.

Within a 50-mile radius, the other significant activity included two magnitude 2 events near Perkinsville to the northwest and a few small events near Clarkdale, possibly mining related. For the largest fault in the area, the Big Chino, maximum credible earthquakes are estimated between 7.0-7.25 with long recurrence intervals. The largest historic event on record in this zone is the 4.9 earthquake that occurred in 1976, possibly associated with the Prescott

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Valley Grabens near Williamson, Arizona; in the late 1990's, several lower magnitude events occurred in the area. Overall, micro seismicity rates in this area are an order of magnitude lower than in the Intermountain Seismic Belt to the north. Despite this, continued seismicity indicates that low-level deformation here, as well as within the NASB, is ongoing. More significant recent earthquakes have been recorded. A magnitude-4.7 earthquake hit Arizona December 2, 2014. There were no injuries or damage because of the earthquake; however, the temblor's epicenter was 7 miles north of Sedona, Arizona, or 16 miles south-southwest of Flagstaff, the USGS reported. The earthquake could be felt in areas such as Flagstaff, Prescott, Sedona, Winslow and Tuba City, Arizona. On November 1, 2015, a magnitude 3.2 quake struck at 8:59 p.m. (10:59 p.m. ET), the second, a magnitude 4.1 tremor, happened at 11:29 p.m. The third, a magnitude 4.0 quake, took place at 11:49 p.m. Several cities in the area felt shaking. All three took place near Black Canyon City, Arizona, about 45 miles north of Phoenix sending shockwaves through several cities.

Yavapai County is geographically located in an area of numerous seismic zones, and the potential for damage exists to critical infrastructures and facilities as well as the possibility for loss of life.

Earthquake events since 2018. ²⁸		
Date	Magnitude	Location
11-5-2022	2.87	14.7 miles SW of Cottonwood AZ
12-30-2018	2.5	14 miles from Seligman, AZ
12-30-2018	3.2	14 miles from Seligman, AZ
12-30-2018	3.0	16.1 miles E of Seligman
9-24-2018	2.33	6.2 miles NW Cottonwood

Figure 25 Table 4-3: Earthquake events since 2018

²⁸ Arizona Earthquake Information Center. Arizona Earthquakes 1830-2023. Retrieved 16 March 2023 from https://aeic.nau.edu/eq_history.html.

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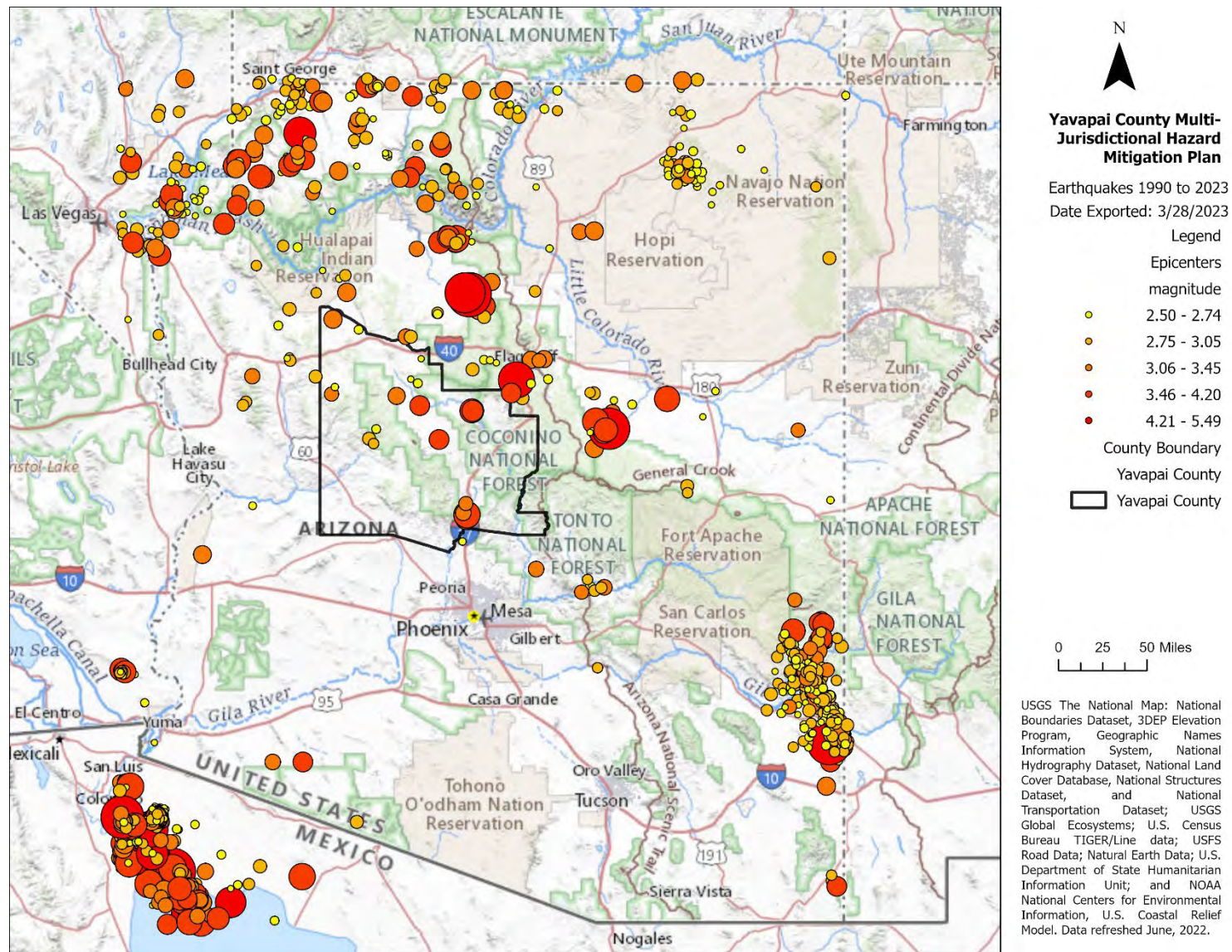


Figure 26 Map 4-1: Earthquake Hazard Area

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Extent

The Big Chino Fault and Verde Fault Zone have the largest amounts of vertical throw of the faults in the study area based on gravity, magnetic, and limited well data. These faults bound deep (0.62-1.25 mi or 1-2 km) basins in Big Chino and Verde Valleys. The geophysical data also reveal concealed faults in Williamson Valley that bound a previously undiscovered basin with approximately 0.62 mi (1 km) of Cenozoic fill inferred from inversion of gravity data. Little Chino and Lonesome Valleys, including the upper reach of the Agua Fria Basin are characterized by basin fill that has an irregular distribution with local North to Northwest striking pockets of thicker sediment, but nowhere exceeds 0.62 mi (1 km) of thickness. A 9.3 to 12.5 mi (15 to 20 km) long Northwest striking magnetic lineament that passes through Page Springs in Verde Valley can be used to project a mapped fault 3.1 – 6.2 mi (5-10 km) Northwest and Southeast of its mapped trace. The collocation of the lineament, mapped fault, and Page Springs suggests structural influence on the location of this large spring.

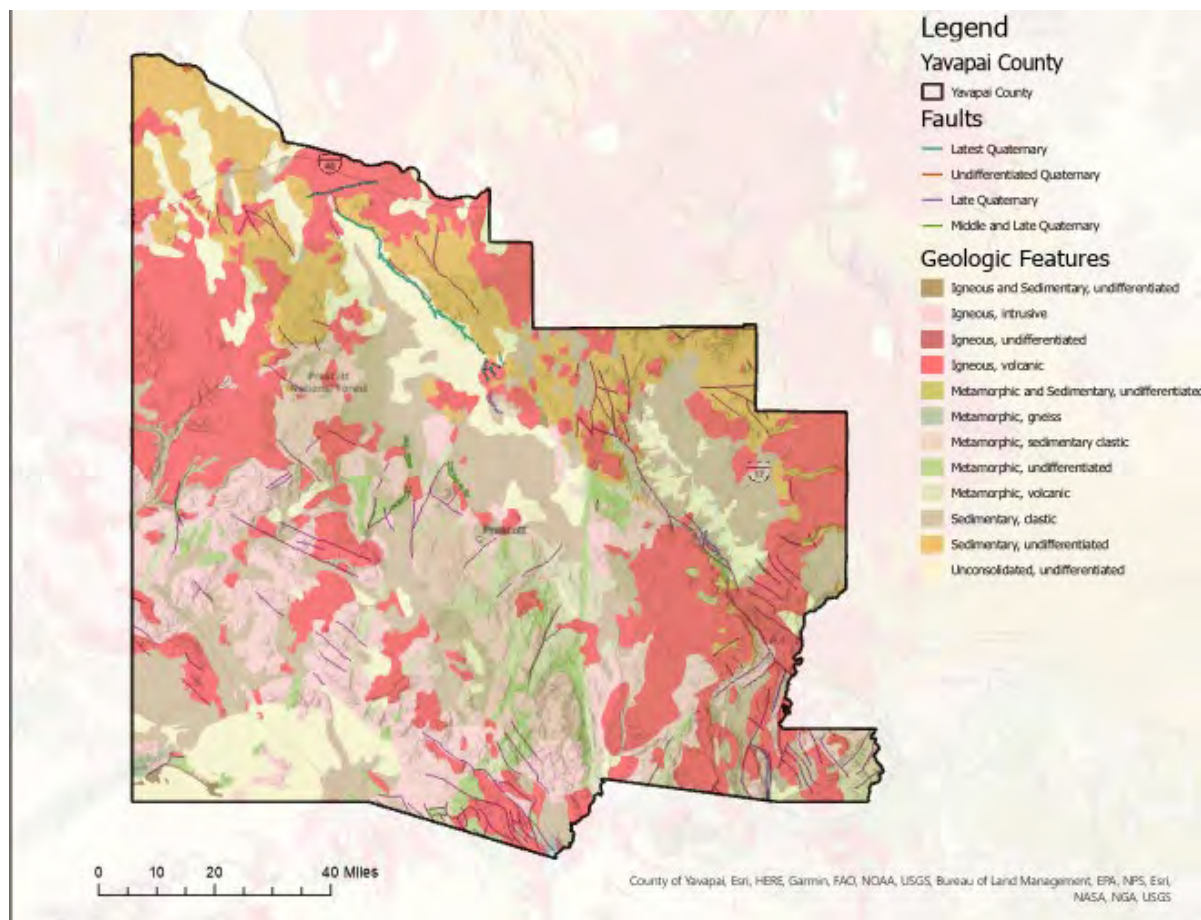


Figure 27 Map 4.2: Yavapai County Seismic Fault Map

Abrupt, linear changes in magnetization and density are often the result of faulting or fracturing. Because of this, linear magnetic and gravity boundaries can be used to estimate the distribution of faults, large fracture systems, or both. The Big Chino Fault is steeply dipping, and other prominent magnetic and density boundaries coincide, in part, with mapped faults, which locally project into areas that are covered by surficial deposits. Because of this relation, the geophysical boundaries can be used to map extensions of the faults, such as the Verde Fault Zone Northwest of Interstate 17, where it is beneath young sedimentary deposits.

Other gravity and magnetic lineaments do not coincide with mapped faults but can be used to infer the locations of concealed faults, such as the basin-bounding faults beneath Williamson Valley and faults forming the eastern margin of the basins along the Verde Fault Zone. Northwest striking anomalies West and Northwest of exposed 6-4 Ma

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basalt in the Paulden area are most likely caused by faulting related relief on the upper surface of the buried basalt or by relief on the bottom surface in fault-controlled paleochannels.

Mapped faults in Little Chino Valley cut across many magnetic boundaries, suggesting that their displacements are small. We included the interpreted lineaments from an earlier study and expanded the area of analysis to include the new aeromagnetic survey. Many of the lineaments are produced by physical property variations in the Proterozoic basement that parallel faults and folds mapped in outcrop. The structural grain may serve as a proxy for fracturing, an important source of permeability in these generally impermeable basement rocks. In some cases, the Precambrian structural grain may have influenced subsequent faulting.

The Bear Wallow Canyon Fault, an east-west striking fault that bisects Sedona, offsets Permian sedimentary rocks. The maximum displacement is 52 m (170 ft.) with offset down to the south. A change in magnetic signature coincides with the fault, suggesting that Precambrian basement rocks are a controlling factor. The magnetic data can be used to extend the Bear Wallow Canyon Fault west of its mapped extent into the northern part of Verde Valley, where it curves to the southwest. This fault appears to disrupt the regional ground-water flow.

The Cathedral Rock Fault, a northwest-striking fault that merges into the Bear Wallow Canyon Fault, coincides with the edge of a magnetic block where it offsets weakly magnetic sedimentary rocks as much as 244 m (800 ft.). South of the Bear Wallow Canyon Fault are pronounced northwest striking magnetic gradients. One of these gradients coincides with the trace of the Sheepshead Fault.

The Sheepshead Fault served as a growth fault during deposition of the Hickey Formation and older sediment of the Verde Formation, but not for the beds at the ground surface. The aeromagnetic data can be used to project the concealed trace of this normal fault beneath the Verde Formation 5 km (3.1 mi) southward of its mapped location. Parallel to and northeast of the Sheepshead Fault is another magnetic lineament. Part of this lineament coincides with a normal fault mapped through Page Springs suggesting that structure plays a role in the location of this large spring. The magnetic data can be used to project this structure another 5-10 km (3.1 – 6.2 mi) northwest and southeast of its mapped trace. Prominent in the eastern part of Verde Valley are northeast-striking magnetic anomalies. Some of these anomalies have gentle to moderate gradients that indicate sources within the Proterozoic basement.

One such anomaly is in the northern part of the Valley near Sedona. Three narrow anomalies with steep gradients occur between Dry Beaver Creek and Lake Montezuma. The width and steep gradients of these anomalies suggest that the sources are either exposed or only shallowly buried. Modeling of the southernmost anomaly near Montezuma Well indicates that a source at 300 m depth (approximately the top of Proterozoic basement) would have to be no more than 1 meter wide and have unreasonably high magnetizations to reproduce the width and amplitude of the observed anomaly.

The southernmost anomaly projects northeast towards outcrops of Paleozoic sedimentary rocks but does not continue onto these outcrops. It corresponds with outcrops of the 6-4 Ma “ramp” basalts that are considered the likely source. The linear nature of the anomalies suggests either fault-controlled channels or dikes. Both geologic scenarios have drawbacks. The 6-4 Ma basalts do not appear to fill paleochannels into the Verde Formation, and dikes are not likely because virtually all the dikes feeding Tertiary basalt flows in this area strike northwest, perpendicular to the direction of Basin and Range extension. Tertiary dikes, however, may have been influenced by the preexisting Proterozoic structural grain, as imaged by northeast-striking anomalies in the basement gravity and filtered magnetic data.

North of Clarkdale a magnetic grain striking north-northeast to north-northwest is pervasive. The anomalies that cause this grain coincide in part with mapped faults that offset the Paleozoic sedimentary sequence. From depth estimates based on the anomaly gradients, we infer that these anomalies are caused by magnetization variations in the Proterozoic basement. Superposed on these anomalies are very subtle features that appear on the residual and vertical derivative maps. The gradients and amplitudes of these subtle anomalies suggest that weakly magnetic Paleozoic rocks are the cause. Despite difficulties in attributing the source of magnetic and gravity lineaments to rock type and age, these data are effective in mapping structure concealed beneath sedimentary cover.

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Table 4.4. Communities Affected by Seismic Actives		
Ash Fork	Cottonwood	Sedona
Bagdad	Dewey Humboldt	Seligman
Black Canyon City	Jerome	Spring Valley
Camp Verde	Lake Montezuma	Verde Village
Chino Valley	Mayer	Village of Oak Creek
Clarkdale	Paulden	Wilhoit
Congress	Peeples Valley	Williamson
Cordes Lakes	Prescott	Yarnell
Cornville	Prescott Valley	Yavapai Prescott Indian Tribe

Figure 28 Table 4.4. Communities Affected by Seismic Actives

Probability of Future Events

The probability of future earthquakes in Arizona is ever rising. The USGS database shows that there is a 20.62% chance of a major earthquake within 31 mi (50 km) of Yavapai County, AZ within the next 50 years. Yavapai County and they Yavapai-Prescott Indian Tribe have taken significant measures to reduce exposure to these events. Measures taken include building code updates, building retrofits, and community education.

Climate Change

Climate change does not directly cause earthquakes, as they are primarily the result of tectonic activity and the movement of Earth's tectonic plates. However, some studies suggest that climate change can have secondary effects on seismic activity in certain situations. Climate change can alter precipitation patterns and lead to shifts in regional groundwater levels. Excessive groundwater extraction for human use, such as that found in the arid climate of Arizona where the population is continuing to swell, coupled with reduced replenishment, can result in the compaction of underground sediment layers. This compaction can cause stress changes on faults and potentially influence earthquake activity.

It is important to note that the impact of climate change on earthquakes is an area of ongoing research, and the specific interactions and their magnitudes are not yet fully understood. The primary concern regarding climate change and geophysical hazards typically revolves around the indirect consequences, such as the potential for increased flooding and landslides, which can indirectly affect human populations and infrastructure.

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Vulnerability

Table 4-4: Earthquake CPRI Rating					
Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	Rating
Camp Verde	Possible	Limited	< 6 hours	< 6 hours	2.20
Chino Valley	Possible	Catastrophic	< 6 hours	< 6 hours	2.80
Clarkdale	Possible	Negligible	< 6 hours	< 6 hours	1.90
Cottonwood	Possible	Negligible	< 6 hours	< 6 hours	1.90
Dewey-Humboldt	Possible	Critical	< 6 hours	< 6 hours	1.90
Jerome	Highly Likely	Catastrophic	< 6 hours	> 1 week	4.00
Prescott	Possible	Limited	< 6 hours	> 1 week	2.50
Prescott Valley	Possible	Catastrophic	< 6 hours	< 6 hours	2.80
Sedona	Likely	Negligible	< 6 hours	< 24 hours	2.35
Unincorporated Yavapai Co	Possible	Catastrophic	< 6 hours	< 6 hours	2.80
Yavapai-Prescott Indian Tribe	Possible	Limited	12-24 hours	< 24 hours	2.00

Figure 29 Table 4-4: Earthquake CPRI Rating

Within minutes of shaking, the earthquake reveals the vulnerabilities of buildings, households, communities, and of a country. The consequences expose flaws in governance, planning, siting of physical structure, design, construction, and use of the built environment with seismic hazard. It reveals the influence of prevailing culture and way of life, on the capacity of the community to be prepared for an earthquake hazard. The scale of physical damage and social disruption inflicted upon a community or a nation by an earthquake event is the measure of how vulnerable the community or the nation is. Vulnerability is a set of prevailing or consequential conditions, which adversely affect an individual, a household, or a community's ability to mitigate, prepare for, or respond to the earthquake hazard. Vulnerability can also be defined as the degree of loss to a given element at risk, or set of such elements, resulting from an earthquake of a given magnitude or intensity, which is usually expressed on a scale from zero (no damage) to 10 (total loss). Earthquake vulnerability is thus a function of the potential losses from earthquakes (death and injury to people, damage, and other physical structures) and the level of preparedness (the extent to which a society has been able to translate mitigation measures into practice). It reflects the unattended weakness in the built environment of a community and the constraints in the society that affects ability (or inability) to absorb losses after an earthquake and to recover from the damage. Vulnerability condition precedes the earthquake event and contributes to its severity, impedes emergency response, and usually continues long after the earthquake has struck.

Distinguishing characteristics of a community that is earthquake-resistant:

- The extent of investments in public policies to protect people, property, and community resources through the adoption and implementation of mitigation, preparedness, emergency response, and recovery and reconstruction measures and regulations, and
- The attitudinal extent of policymakers and stakeholders who seek to add a value of at least one dollar for every dollar invested in mitigation. Antonyms of the phrase "earthquake vulnerability" are "earthquake-resistance" in case of the built environment, and "earthquake resilience" in case of social vulnerabilities.

Vulnerability Categories a range of factors, including, determines vulnerability:

- The population density
- Level and nature of physical assets
- Economic activities located in the earthquake risk zones. Human action and hazard risks continually interact to alter vulnerability, both at the household and macroeconomic level. Anderson and Woodrow (1989) grouped vulnerabilities into three categories:

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- Physical/material vulnerability: inherent weakness of the built environment and lack of access to resources, especially of poor section of the population
- Social/organizational vulnerability: inherent weakness in the coping mechanism, lack of resiliency, lack of commitment
- Attitudinal/motivational vulnerability: fatalism, ignorance, and low level of awareness.

Vulnerable elements in the physical environment:

The likelihood of an earthquake disaster increases when the community's-built environment (i.e., buildings and lifeline systems--or community infrastructure) is comprised of the following vulnerable elements.

- Older residential and commercial buildings and infrastructure constructed of unreinforced masonry (i.e., URM's) or any other construction materials having inadequate resistance to lateral forces of ground shaking, or if they were built to seismic codes and standards that are now considered by engineers to be outdated and inadequate
- Older non-engineered residential and commercial buildings that have no lateral resistance and are vulnerable to fire following an earthquake.
- New buildings and infrastructure that have not been sited, designed, and constructed with adequate enforcement of modern, state-of-the-art building regulations, lifeline standards, and land use ordinances.
- Buildings and lifeline systems sited near an active fault system, or on poor soils that either enhance ground shaking or fail through permanent displacements (e.g., liquefaction and landslides), or in low-lying or coastal areas subject to either seiches or tsunami flood waves.
- Modern buildings of poor design and construction (examples are buildings that were damaged seriously even in low intensity of shaking in Ahmedabad and Bhuj in the January 2001 earthquake).
- Schools and other buildings that have been built to low construction standards.
- Communication and control centers that is concentrated in one area.
- Hospital facilities that is insufficient for large number of casualties and injuries.
- Bridges, overhead crossings, and viaducts that have not been built to withstand lateral forces of earthquakes and are likely to collapse or be rendered unusable by ground shaking.
- Electrical, gas, and water supply lines that are likely to be knocked out of service by ground failure (i.e., liquefaction, lateral spreads, and landslides).

Factors contributing to earthquake vulnerability of built environment:

There are large human settlements located in earthquake/prone areas. Many of these settlements have a significant proportion of old buildings that are of poor quality because of either aging or lack of maintenance, or because of the deterioration of the material quality.

Prevalence of the use of poor building typologies

The type of housing construction is a major risk factor for injuries due to earthquakes. Statistics for 1950-1990 shows that the greatest proportion of victims dies in the collapse of masonry buildings (e.g., adobe, rubble stone, rammed earth, or unreinforced firebrick and concrete block masonry buildings). Such buildings are known to have collapsed even at low intensities of ground shaking. Generally, these buildings have heavy roofs and walls. During collapse, they kill many of the people inside. Concrete-frame houses are generally safer i.e., they are less likely to collapse, if constructed properly with adequate engineering. Non-engineered concrete-frame buildings are vulnerable and, when they collapse, they are considerably more lethal and kill higher percentage of people than masonry structures.

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Magnitude	Danger Level	Jurisdiction Actions
2.5 or greater	1 & 2	No Action. Maintain normal operations
4 or greater	3	Partial EOC Activation. Perform damage assessments as required.
4.7 or greater	4 & 5	Full EOC Activation. Perform damage assessment and prepare shelters as required.

Figure 30 Table 4-5: Yavapai County and YPIT Earthquake Action Levels

Who is vulnerable?

Household level Earthquakes affect the full range of social classes – from the wealthy to the homeless. Apparently, earthquake treats everyone equally. However, some are more equal than others are! The poor and socially disadvantaged groups of the society are the most vulnerable to, and affected by, earthquakes and other natural hazards, reflecting their social, cultural, economic, and political environment. Usually, communities in seismic countries are subject to a multitude of natural hazards and environmental problems. The natural hazards themselves are the source of transient hardship and distress, and a factor contributing to persistent poverty. Disasters exacerbate poverty by inflicting physical damage, loss of income-generating opportunities, and the resulting indebtedness. Thus, at the household level, poverty is the single most important factor determining vulnerability to natural hazards including earthquake. The poor are the vulnerable. The vulnerability is reflective of

- The location of housing (poor and marginal lands)
- Poor quality building (non-engineered, using poor quality materials)
- Primary types of occupation, level of access to capital (low)
- Degree (low) of concentration of assets

Community Lifelines at Risk				
Jurisdiction	Population	Est. Building Inventory	Transportation System*	Utility System*
Yavapai County	236,209	127,000	6,339	3,688
Camp Verde	17,394	8,000	872	41
Chino Valley	24,228	12,000	685	537
Clarkdale	6,061	3,000	1,451	258
Cottonwood	25,728	11,000	607	218
Dewey-Humboldt	6,742	4,000	1,761	364
Jerome	3,678	2,000	1,449	256
Prescott	48,805	26,000	1271	146
Prescott Valley	43,295	18,000	864	418
Sedona (West Sedona)	7,921	5,000	162	19
Yavapai-Prescott Indian Tribe	7,701	4,000	766	145

*Values are in millions of dollars

Figure 31 Table 4-6: Community Lifelines at Risk

Yavapai County – Yavapai County has four major “Normal” faults, which intersect at various points the communities of Chino Valley, Cottonwood, Jerome, Paulden, Perkinsville, Poquito Valley, and Seligman. USGS estimates that the maximum moment intensity potential of the “Big Chino” and “Aubrey” faults would be 7.1 MMI (USGS, 2015). Critical infrastructure impacted would be power distribution from Hoover Dam to Yavapai County and Phoenix, high-pressure natural gas from the Trans western pipeline servicing Arizona, California, New Mexico, and Texas, as well as possible impacts to the Chino aquifer servicing the greater Prescott basin. BNSF railroad provides east west service

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across this region transporting millions of tons of goods. Unknown is the scope and size of the “Little Chino” fault.

Graben(s) exists across the greater Prescott Basin, as well as the western side of the Sierra Prieta’s (Skull Valley) and are susceptible to point ruptures. A notable example is the 3.7 MMI point rupture on October 2011, 3.7 miles west-northwest of Chino Valley.

Black Canyon City was affected by three earthquakes on November 1, 2015. At 8:59PM, a 3.2-magnitude earthquake was reported about 6 miles northeast of Black Canyon City. A second earthquake, registering 4.1 magnitude, was



Figure 32 Figure 4-4: Historical Earthquakes Countywide

reported at around 11:29 p.m. about 7 miles northeast of Black Canyon City, and a third earthquake happened at around 11:49 p.m. at 4.0-magnitude about 3 miles northeast of Black Canyon City.^{29 30} This was a previously unknown fault system.

Approximately 160,000 people are vulnerable to a major earthquake in this region.

Camp Verde – Camp Verde is located between the “Verde Valley” and “Horseshoe” fault zones. Potential losses from earthquakes are slight; however, the possibility from damage would exist in interruption of electricity to the municipality as well as disruption of some water delivery systems by private water companies. The possibility of disruption of municipal sewer services would be of a concern. Should the Town of Camp Verde eventually purchase water delivery companies and expand with additional sewer services the potential for increased loss would be experienced and appropriate planning would have to be considered.

Current essential facilities include eleven (11) schools four (4) fire stations, and three (3) police stations. Lifeline infrastructure includes highway transportation systems, potable water, wastewater, electrical transmission, and communication.

HAZUS modeling data, considers geologic features, building materials, and other environmental factors, estimates that approximately 313 buildings will sustain moderate to extensive damage. It is unlikely that any building will be considered a total loss. Of the most vulnerable buildings in Camp Verde, residential housing has the greatest vulnerability. It is estimated that less than 20 vulnerable buildings are in commercial, industrial, or governmental categories. Manufactured housing faces the greatest risk.

While essential facilities and lifeline infrastructure do represent some vulnerability for Camp Verde, HAZUS modeling forecasts recovery of these facilities and infrastructure components to greater than 50% capacity after Day 1. Service outages for electric, water, sewer, natural gas, and communication are expected to be minimal with service restoration estimated to be greater than 50% after Day 1.

²⁹ USGS. Earthquake Hazards Program. Retrieved 16 March 2023 from https://earthquake.usgs.gov/earthquakes/eventpage/us2000419p/executive#general_summary.

³⁰ USGS. Earthquake Hazards Program. Retrieved 16 March 2023 from https://earthquake.usgs.gov/earthquakes/eventpage/us2000419q/executive#general_summary.

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Minimal displacement of households or individuals in need of public shelter would be anticipated. HAZUS estimates 6 households displaced and 3 individuals in need of public shelter. Casualties would be minimal regardless of the time of occurrence.

Approximately 4,000 tons of debris is likely to be generated from an earthquake impacting Camp Verde. 56% would likely be wood/brick with the balance consisting of reinforced concrete/steel. Restoration crews should be prepared to haul approximately 160 truckloads.

Chino Valley – To the north of Chino Valley exists the “Aubrey” fault which extends northwest along the western boundary of the Mogollon Rim. North of Chino Valley and extending west to east is the “Big Chino” fault. It lies just south of the west side of Mogollon Rim. On the east side of Chino Valley lies the little known “Little Chino” fault zone. West and south of Chino Valley are grabens.

Chino Valley has a moderate earthquake risk, with 15 earthquakes since 1931. The USGS database shows that there is a 21.84% chance of a major earthquake within 50km of Chino Valley, AZ within the next 50 years. The largest earthquake within 30 miles of Chino Valley, AZ was a 4.9 Magnitude in 1976. (USGS)

Vulnerabilities in Chino Valley include highway and railway infrastructure, and airport runway, natural gas pipelines, an electrical transmission network, nine (9) schools, three (3) fire stations, one (1) police station, and an estimated 12 thousand buildings. HAZUS modeling data, taking into account geologic features, building materials, and environmental factors, estimate that approximately 736 buildings will sustain moderate damage, 67 will sustain extensive damage, and 2 will be considered total loss. Of the buildings at risk or moderate to extensive damage, approximately 10 are agricultural facilities, 25 are commercial buildings, 3 are government facilities, 11, are industrial facilities, 145 are single family residential homes, 2 are religious facilities, and approximately 600 are other residential structures. Manufactured housing units face the greatest risk for moderate to extensive damage when compared to other building types.

While there are essential services and critical infrastructure at risk in the Chino Valley area, HAZUS modeling estimates that roadways, railways, and airports will have greater than 50% functionality after Day 1. The electric transmission network is estimated to be recoverable to 50% of greater after Day 1. Damage to potable water, waste water, and natural gas systems are estimated to be minimal with most households able to be restored immediately after impact if service is lost at all.

Casualty estimates are low regardless of the time of day, and should not be expected to exceed the capacity of local emergency responders. Based on vulnerability and damage estimates, planning should be done to ensure availability for upwards of 17 displaced households and 8 individual persons seeking temporary public shelter.

Based on the damage estimates, an approximate 10,000 tons of debris can be expected, with about 56% being brick/wood debris and the remainder being reinforced concrete or steel. Recovery teams should be prepared to load out an estimated 400 truckloads of debris following a major earthquake.

Clarkdale – The outlying areas of Clarkdale have experienced tremor type earthquake activity that has produced negligible damages to date. While Clarkdale does have highway, railway, natural gas pipeline, and electrical transmission infrastructure, damage estimates calculated by HAZUS are relatively low. Essential services include one (1) school, two (2) police stations, and three (3) fire stations. Based on HAZUS data, which considers geological features, building materials, and other environmental factors, it is estimated that these services are likely to recover to greater than 50% capacity after Day 1.

Of the approximately 3,000 buildings in Clarkdale, it is estimated that 112 would sustain moderate to extensive damage, but none would be considered a total loss. Only two households are estimated to be displaced, and the need for temporary public shelter is expected to be minimal. Service disruptions to power, water, wastewater, natural gas, and communications are also expected to be minimal with services restored to 50% or greater capacity by Day 1. Casualties are estimated to be minimal regardless of the time of day the incident occurs.

It is estimated that up to 2,000 pounds of debris would be generated from an earthquake impacting Clarkdale. Materials would be evenly split between wood/brick and reinforced concrete/steel. Restoration crews should prepare to haul approximately 80 truckloads of debris.

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Cottonwood – Earthquakes are very infrequent in the immediate Cottonwood area. Earthquakes can result in damage to and loss of municipal and private utilities such as water, power, and natural gas pipelines. Essential facilities in Cottonwood include two (2) hospitals with a total bed capacity of 110; fourteen (14) schools, three (3) fire stations, and three (3) police stations. Transportation infrastructure includes 54.68 miles of highway and 15 rail segments. Cottonwood also has two (2) bus terminals and an airport with an active runway. Other infrastructure includes water, sewer, gas pipelines, electrical transmission networks, and communications.

In general, Cottonwood’s vulnerability to earthquakes is low. HAZUS modeling, taking geographic features, building materials, and other environmental factors into consideration, estimates that 370 buildings could experience moderate to extensive damage. It is unlikely that any buildings would be considered a total loss. Residential structures are the most vulnerable.

Essential facilities are likely to gain 50% or greater functionality on Day 1. Infrastructure services are expected to recover to 50% or greater functionality after Day 1. HAZUS forecast models indicate it’s most likely all services will be immediately restored with minimal damage to components.

Three (3) to Four (4) casualties requiring medical attention but not hospitalization may be expected depending on the time of day the incident occurs. Up to eleven (11) households could experience displacement with approximately six (6) people needing to seek public shelter.

An estimated 6,000 tons of debris could be generated by an earthquake event. 54% of this debris is likely to be wood/brick with the balance most likely being reinforced concrete and steel. Recovery crews should prepare to haul approximately 240 truckloads of debris.

Dewey-Humboldt - Although, there are no known fault zones associated with Dewey Humboldt. Dewey Humboldt is at risk for a regional event of large magnitude. Fault lines associated with the “Little Chino and Verde Valley” seismic zones, as well as the “Chino and Aubrey” faults could potentially affect the residents and town. State Highway 169 and 69 intersect our community and are major transportation routes into Yavapai County. Residential areas of Dewey Humboldt may experience utility power outage, interruption in transportation, gas line breakage, or water interruption. Most residential areas are on private wells, which may become impacted due to a major seismic event.

Essential facilities in Dewey-Humboldt include two (2) schools and three (3) fire stations. Utility infrastructure includes three (3) gas pipelines, water, sewer, electrical transmission, and communications.

Considering geological features, building materials, and other environmental factors, HAZUS modeling estimates that around 100 buildings could sustain moderate to extensive damage. Most of these buildings would be residential structures with manufactured housing being the most vulnerable.

HAZUS modeling forecasts negligible damage to essential facilities and that all essential facilities would be operational at 50% or greater capacity by Day 1. Utility outages, while possible are forecast by HAZUS to be minimal and quickly restored with the majority if not all homes receiving complete service restoration on Day 1. Only one (1) household is estimated to experience displacement and casualties are not expected.

An earthquake impacting this area could result in up to 1,000 tons of debris with 58% deriving from wood/brick and the balance from reinforced concrete/steel. Restoration crews can remove this debris with approximately 40 truckloads.

Jerome - Jerome’s vulnerability of individual households contributes to the communities’ vulnerability to earthquakes. Existing social and cultural structures within any community determines the resilience of that community to the disaster. Jerome has an extended family of neighbor’s, community organizations, and interdependence within the Town to provide strength during a disaster. Any destruction of network for example by relocation during the reconstruction phase of an earthquake can cause a community to become vulnerable as well as traditional values that can be disturbed. The coping mechanism is no longer capable of resiliency to disasters at this point and individual and collective preparedness towards earthquakes are necessary. Earthquakes can be a difficult societal problem because they have low annual probability of occurrence, but a high probability of causing adverse societal consequences. Continuing preparedness and making it a culture of community life makes Jerome’s community resilient towards earthquakes and a lack of it makes our community vulnerable.

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Essential facilities in Jerome include two (2) fire stations and one (1) police station. There are no schools or hospitals. Transportation infrastructure includes 126 miles of highway and 25 railway segments. Utility infrastructure includes water, sewer, natural gas, electrical transmission, and communication.

Based on geological features, building construction, and other environmental factors, HAZUS modeling estimates 68 buildings would sustain moderate to extensive damage in the event of an earthquake. Most of the vulnerability lies with residential structures. Manufactured housing is most vulnerable to damage.

HAZUS modeling forecasts negligible damage to essential facilities and that all essential facilities will be operational at 50% or greater capacity by Day 1. Utility outages, while possible, are forecast by HAZUS to be minimal and quickly restored with the majority if not all homes receiving complete service restoration on Day 1. Only one (1) household is estimated to experience displacement and casualties are not expected regardless of the time of day the event should occur.

An earthquake impacting this area could result in up to 1,000 tons of debris with 47% deriving from wood/brick and the balance from reinforced concrete/steel. Restoration crews can remove this debris with approximately 40 truckloads.

Prescott – The City of Prescott is located among many active and inactive seismic zones. Although there is no recent history as it relates to damaging earthquakes within the city it remains a possibility. Being there are no definitive boundaries of an earthquake, and the magnitude or intensity of an earthquake will determine the levels of impact to people, residential areas and structures, critical infrastructure, (including but not limited to transportation routes, government offices, medical facilities, food supply industry, potable water supply and distribution points), operations of government, private enterprise, and utilities. Earthquakes can occur anytime and have occurred in the City of Prescott since recorded history.

Essential facilities in Prescott include four (4) hospitals with a total bed capacity of 158 beds, 25 schools, seven (7) fire stations, four (4) police stations and one (1) emergency operations center. The transportation infrastructure includes 105 miles of highway, one (1) railway segment, one (1) bus terminal, and an airport with one (1) active runway. Utility infrastructure includes water, sewer, electrical generation, electrical transmission, and communication.

Based on geological features, building construction, and other environmental factors, HAZUS modeling estimates 550 buildings would sustain moderate to extensive damage in the event of an earthquake. Most of the vulnerability lies with residential structures, however around 70 commercial and industrial facilities could also sustain moderate to extensive damage.

HAZUS modeling forecasts negligible damage to essential facilities and that all essential facilities will be operational at 50% or greater capacity by Day 1. Utility outages, while possible, are forecast by HAZUS to be minimal and quickly restored with the majority if not all homes receiving complete service restoration on Day 1. Fourteen (14) households are estimated to experience displacement and six (6) persons are anticipated to need public shelter. An event during the day could result in up to 9 casualties. In the early morning or evening, an event may result in 4 – 6 casualties requiring medical attention but not hospitalization.

An estimated 14,000 tons of debris could be generated from an event in this area. Of this debris it is likely that up to 55% will be wood and brick with the balance being reinforced concrete and steel. Recovery crews should plan for 650 truckloads to handle the debris.

Prescott Valley – Prescott Valley resides in proximity to larger Yavapai County faults; it sits at the south end of the Little Chino fault and is at a moderate risk. On February 4, 1976, a 4.9 magnitude earthquake with an epicenter in Chino Valley occurred. The seismic transmission of energy was to the southeast. Prescott Valley had little development, however, today; it would affect over 65,000 people.

Essential facilities in Prescott Valley include three (3) hospitals with a total bed capacity of 88 beds, 21 schools, four (4) fire stations, and one (1) police station. The transportation infrastructure includes 76 miles of highway. Utility infrastructure includes water, sewer, natural gas, electrical transmission, and communication.

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Based on geological features, building construction, and other environmental factors, HAZUS modeling estimates 660 buildings would sustain moderate to extensive damage in the event of an earthquake. Most of the vulnerability lies with residential structures, however around 46 commercial and industrial facilities could also sustain moderate to extensive damage.

HAZUS modeling forecasts negligible damage to essential facilities and that all essential facilities will be operational at 50% or greater capacity by Day 1. Utility outages, while possible, are forecast by HAZUS to be minimal and quickly restored with the majority if not all homes receiving complete service restoration on Day 1. Twenty (20) households are estimated to experience displacement and up to eleven (11) persons are anticipated to need public shelter. An earthquake in Prescott Valley at any time of the day could result in 5 - 7 casualties requiring medical attention but not hospitalization.

An estimated 11,000 tons of debris could be generated from an event in this area. Of this debris it is likely that up to 55% will be wood and brick with the balance being reinforced concrete and steel. Recovery crews should plan for 440 truckloads to handle the debris.

Sedona – Sedona has a moderate earthquake risk, with seven earthquakes since 1931. The USGS database shows that there is a 23.33% chance of a 5.0 Magnitude earthquake within 50km of Sedona, AZ within the next 50 years and a 4.25% chance of a 6.0 Magnitude earthquake within 50km of Sedona, AZ within the next 50 years. Since 1931, the largest earthquake within 30 miles of Sedona, AZ was a 4.7 Magnitude in November 2014. No major damage or injuries were reported because of the 2014 earthquake.

Essential facilities in Sedona include one (1) hospital, six (6) schools, one (1) fire station, and one (1) police station. The transportation infrastructure includes 17 miles of highway and 15 railway segments, one (1) bus terminal and an airport with one (1) active runway. Utility infrastructure includes water, sewer, natural gas, electrical transmission, and communication.

Based on geological features, building construction, and other environmental factors, HAZUS modeling estimates 159 buildings would sustain moderate to extensive damage in the event of an earthquake. Most of the vulnerability lies with residential structures.

HAZUS modeling forecasts negligible damage to essential facilities and that all essential facilities will be operational at 50% or greater capacity by Day 1. Utility outages, while possible, are forecast by HAZUS to be minimal and quickly restored with the majority if not all homes receiving complete service restoration on Day 1. Three (3) households are estimated to experience displacement and one (1) person is anticipated to need public shelter. An earthquake in Sedona at any time of the day could result in 1 – 2 casualties requiring medical attention but not hospitalization.

An estimated 3,000 tons of debris could be generated from an event in this area. Of this debris it is likely that up to 58% will be wood and brick with the balance being reinforced concrete and steel. Recovery crews should plan for 120 truckloads to handle the debris.

Yavapai-Prescott Indian Tribe – Yavapai Prescott Indian Tribal lands reside in proximity to larger Yavapai County faults and is in an area surrounded by normal faulting identified by a series of Graben, as identified by Northern Arizona Geology Department. The area is also identified by the USGS as having a series of micro faults extending primarily east to west across the Prescott Basin. All the Yavapai Prescott Indian Tribe's land, as well as infrastructure is within this seismic zone.

Essential facilities include one (1) school, one (1) fire stations, and one (1) police station. The transportation infrastructure includes 67 miles of highway. Utility infrastructure includes water, sewer, natural gas, electrical transmission, and communication.

Based on geological features, building construction, and other environmental factors, HAZUS modeling estimates 99 buildings would sustain moderate to extensive damage in the event of an earthquake. Most of the vulnerability lies with residential structures.

HAZUS modeling forecasts negligible damage to essential facilities and that all essential facilities will be operational at 50% or greater capacity by Day 1. Utility outages, while possible, are forecast by HAZUS to be minimal and quickly

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restored with the majority if not all homes receiving complete service restoration on Day 1. Two (2) households are estimated to experience displacement with no anticipated public shelter needs. An earthquake in this area at any time of the day could result in one (1) casualty requiring medical attention but not hospitalization.

An estimated 2,000 tons of debris could be generated from an event in this area. Of this debris it is likely that up to 52% will be wood and brick with the balance being reinforced concrete and steel. Recovery crews should plan for 80 truckloads to handle the debris.

Changes in Development in the Hazard Area

Yavapai County

Growth in Yavapai County increased by 12% over the last ten years, and by over 40% in the last twenty years. Due to its cooler temperatures, pristine forests and unique communities, Yavapai County has also become a hot spot for travelers out of the Phoenix and Tucson metropolitan areas, as well as from outside the state. The increasing population size has resulted in steady urban development and home growth. This growth is expanding the burden on livable area, the road system, public utilities, and critical infrastructure. It is also encroaching on previously undeveloped areas and straining water resources. An increase in the population density and development heightens the County's vulnerability to multiple hazard types.

Camp Verde

To support a growing population, Camp Verde issued 184 commercial and residential building permits from 2019-2021. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 60-70 permits per year. The new facilities are tapping into and expanding the city's infrastructure. The new buildings comply with 2018 International Building Codes and the community is expanding in line with their 2021 Zoning Plan. Risk exposure associated with earthquakes and population growth are increasing in lock step, however; the community is engineering risk mitigation into their building codes and zoning requirements. Risk exposure is increasing, and the resilience of the new building inventory is also increasing. The vulnerability of the community is not increasing as the community is taking deliberate measures to minimize risk in new construction.

Chino Valley

Chino Valley issued 611 commercial and residential building permits from 2019-2023. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 80-90 permits per year. Chino Valley adheres to the 2018 International Building Codes and the community is expanding in line with their 2022 Unified Development Ordinance. Risk exposure associated with earthquakes and population growth are increasing in lock step, however; the community is engineering risk mitigation into their building codes and zoning requirements. Exposure is rising and the resilience of the new building inventory is also increasing. The impact of an earthquake in this area has a catastrophic severity, however; the vulnerability of the community is not increasing as the community is taking deliberate measures to minimize risk in new construction.

Clarkdale

The community of Clarkdale averaged a steady growth of 61 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The new facilities are tapping into and expanding the city's infrastructure. With regards to risk associated with earthquakes, Clarkdale adheres to the 2018 International Building Codes and the community is expanding in line with their 2021 General Plan. Risk exposure associated with earthquakes and population growth are increasing in lock step, however; the community is engineering risk mitigation into their building codes and zoning requirements. Exposure is rising and the resilience of the new building inventory is also increasing. The impact of an earthquake in this area has a negligible severity, and the community is taking deliberate measures to maintain minimal risk in new construction.

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Cottonwood

The town of Cottonwood issued over 500 commercial and residential building permits from 2018-2022. The town is continuing to grow at an estimated rate 150 to 180 permits per year. With regards to risk associated with earthquakes, Cottonwood adheres to the 2018 International Building Codes and the community is expanding in line with Ordinance 723 (April 2023). Risk exposure associated with earthquakes and population growth are increasing in lock step, however; the community is engineering risk mitigation into their building codes and zoning requirements. Exposure is rising and the resilience of the new building inventory is also increasing. The impact of an earthquake in this area has a negligible severity, and the vulnerability of the community is not increasing as the community is taking deliberate measures to minimize risk in new construction.

Dewey-Humboldt

The town of Dewey-Humboldt issued 210 commercial and residential building permits from 2018-2022. The town is continuing to grow at an estimated rate 35 to 40 permits per year. With regards to risk associated with earthquakes, Dewey-Humboldt adheres to the 2018 International Building Codes and the community is expanding in line with the Zoning Map approved in 2005. Risk exposure associated with earthquakes and population growth are increasing in lock step, however; the community is engineering risk mitigation into their building codes and zoning requirements. Exposure is rising and the resilience of the new building inventory is also increasing. The impact of an earthquake in this area has a critical severity, and the vulnerability of the community is not increasing as the community is taking deliberate measures to minimize risk in new construction.

Jerome

Jerome did not issue new building permits. There are no changes in this development area. Current and future development is limited. There are no changes in vulnerability based on new development.

Prescott

The city of Prescott averaged a steady growth of 193 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The new facilities are tapping into and expanding the city's infrastructure. With regards to risk associated with earthquakes, Prescott adheres to the 2018 International Building Codes and the community is expanding in line with their 2020 Zoning Plan. Homes built onto the steep hillsides of Prescott capture exceptional views, but they also create heightened areas of risk associated with earthquakes. It is risk that can be mitigated with proper engineering. Risk exposure associated with earthquakes and population growth are increasing in lock step, however; the community is engineering risk mitigation into their building codes and zoning requirements. Exposure is rising and the resilience of the new building inventory is also increasing. The impact of an earthquake in this area has a limited severity, and the vulnerability of the community is not increasing as the community is taking deliberate measures to minimize risk in new construction.

Prescott Valley

The city of Prescott Valley averaged a steady growth of 558 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The new facilities are tapping into and expanding the city's infrastructure. With regards to risk associated with earthquakes, Prescott Valley adheres to the 2018 International Building Codes and the community is expanding in line with their 2022 Zoning Plan. Risk exposure associated with earthquakes and population growth are increasing in lock step, however; the community is engineering risk mitigation into their building codes and zoning requirements. Exposure is rising and the resilience of the new building inventory is also increasing. The impact of an earthquake in this area has a catastrophic severity, and the vulnerability of the community is not increasing as the community is taking deliberate measures to minimize risk in new construction.

Sedona

The city of Sedona issued an average of 63 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. With regards to

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risk associated with earthquakes, Sedona adheres to the 2018 International Building Codes and the community is expanding in line with their Ordinance #2018-12. Risk exposure associated with earthquakes and population growth are increasing in lock step, however; the community is engineering risk mitigation into their building codes and zoning requirements. Exposure is rising and the resilience of the new building inventory is also increasing. The impact of an earthquake in this area has a negligible severity, and the vulnerability of the community is not increasing as the community is taking deliberate measures to minimize risk in new construction.

Yavapai Prescott Indian Tribe

There are no changes in this development area. Current and future development is limited. The Tribe has not issued any building permits over the past five years. They have increased the volume of commercial traffic and visitors to tribal owned/leased facilities, but overall vulnerability has not increased or decreased.



4.4.2 Flood

Description

The hazard of flooding addressed in this section will pertain to floods that result from precipitation/runoff related events. Other flooding due to dam or levee failures is addressed separately. The three seasonal atmospheric events that tend to trigger floods in Yavapai County are:

- *Tropical Storm Remnants:* Some of the worst flooding tends to occur when the remnants of a hurricane that has been downgraded to a tropical storm or tropical depression enter the State. These events occur infrequently and mostly in the early autumn, usually bringing heavy and intense precipitation over large regions causing severe flooding.
- *Winter Rains:* Winter brings the threat of low intensity; but long duration rains covering large areas that cause extensive flooding and erosion, particularly when combined with snowmelt.
- *Summer Monsoons:* The annual monsoon season brings flooding to Arizona in mid to late summer. Heating triggers afternoon and evening thunderstorms that can produce extremely intense, short duration bursts of rainfall. This causes runoff and, in some instances, the accumulation of runoff occurs very quickly resulting in a rapidly moving flood wave referred to as a flash flood.

Damaging floods in the County include riverine, sheet, alluvial fan, and local area flooding. Riverine flooding occurs along established watercourses when the bank full capacity of a watercourse is exceeded by storm runoff or snowmelt, and the overbank areas become inundated. Sheet flooding occurs in regionally low areas with little topographic relief that generate floodplains over a mile wide. Alluvial fan flooding is generally located on piedmont areas near the base of the local mountains and is characterized by multiple, highly unstable flow paths that can rapidly change during flooding events. Local area flooding is often the result of poorly designed or planned development wherein natural flow paths are altered, blocked, or obliterated and localized ponding and conveyance

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problems result. Erosion is also often associated with damages due to flooding.

Another major flood hazard comes as a secondary impact of wildfires in the form of dramatically increased runoff from ordinary rainfall events that occur on newly burned watersheds. Denuding of the vegetative canopy and forest floor vegetation, and development of hydrophobic soils are the primary factors that contribute to the increased runoff. Canopy and floor level brushes and grasses intercept and store a significant volume of rainfall during a storm event. They also add to the overall watershed roughness, which generally attenuates the ultimate peak discharges. Soils in a wildfire burn area can be rendered hydrophobic, which according to the Natural Resource Conservation Service is the development of a thin layer of nearly impervious soil at or below the mineral soil surface that is the result of a waxy substance derived from plant material burned during a hot fire. The waxy substance penetrates into the soil as a gas and solidifies after it cools, forming a waxy coating around soil particles. Hydrophobic soils, combined with a denuded watershed, will significantly increase the runoff potential, turning a routine annual rainfall event into a raging flood with drastically increased potential for soil erosion and mud and debris flows.

History

Summary Info for Floods and Flash Floods ³¹	
Number of County/Zone areas affected:	4
Number of Days with Event:	193
Number of Days with Event and Death:	4
Number of Days with Event and Death or Injury:	4
Number of Days with Event and Property Damage:	10
Number of Days with Event and Crop Damage:	0
Total Directly Related Deaths	4
Total Directly Related Injuries	0
Sum of Property Damage Estimates	\$11.273M
Sum of Crop Damage Estimates	\$0

Figure 33 Summary Info for Floods and Flash Floods

Flooding is clearly a major hazard in Yavapai County with several disaster declarations. The following incidents represent examples of major flooding that have affected Yavapai County and the Yavapai-Prescott Indian Tribe:

- In August 2022, the river gauge at Granite Creek showed nearly a 4-foot rise in one hour. It rose from 7.19 feet at 230 PM to 10.96 feet at 3:20 PM. Ten feet is considered moderate flood stage and 11 feet major flood stage. The gauge dropped below major flood stage at 4:45 PM and below flood stage at 5:45 PM. Aa high-pressure circulation centered near the Four Corners allowed deep monsoon moisture to become thoroughly entrenched across northern Arizona. Surface dew points were generally above 60 F south of the Mogollon Rim, with values in the 50s along and north of the Rim. Precipitable water ranged from 1.0 to 1.75 inches, with the highest values across southern Yavapai County.
- In August 2021, A stream gauge on Granite Creek (northeast of downtown Prescott--GRCA3) reported a 6.7-foot rise with a peak flow of 3,558 CFS. At least five roads were closed in Prescott due to flooding between 2:50 and 3:50 PM. Several roads were also closed in Wilhoit due to flooding. Two cars were stuck in flowing washes near Chino Valley/Paulden. Water was beginning to move the vehicles, so Law Enforcement was called to the scene.

³¹ NOAA. Storm Events Database. Retrieved 23 March 2023 from https://www.ncdc.noaa.gov/stormevents/listevents.jsp?eventType=%28C%29+Flash+Flood&eventType=%28Z%29+Flood&beginDate_mm=01&beginDate_dd=01&beginDate_yyyy=2018&endDate_mm=12&endDate_dd=31&endDate_yyyy=9999&county=YAVAPAI%3A25&hailfilter=0.00&tornfilter=0&windfilter=000&sort=DT&submitButton=Search&statefips=4%2CARIZONA.

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- In November 2019, the Community of Yarnell was inundated with two significant rain events of about 2 inches/hour within a 10-day span. Several residences and businesses were flooded east of Highway 89. Despite mitigation efforts by the County, the sediment runoff was significant due to the Tenderfoot Fire, which occurred the prior month. A very large area of low pressure brought wind, rain, and snow to northern Arizona Thanksgiving Day and Black Friday. Strong southerly winds brought very moist air over Arizona with rising snow levels. Heavy rain fell below an elevation around 7,500 feet through much of Thanksgiving Day. Snow levels lowered the night of November 29th into the 30th with the passage of a cold front. Snowfall was eventually reported at the bottom of The Grand Canyon. Significant snow was reported as well as increased flows in lower elevations creeks and rivers.
- In September 2019, Black Canyon Wash was flowing over Maren Ave about 1.5 feet deep by 1250 PM (from a river gauge reading of about 3.25 feet). The river eventually rose to 16 feet on the river gauge (a 13.5-foot rise). The river dropped to around 5 feet on the river gauge by around 8 PM on December 4.
- In February 2019, the stream gauge on Wet Beaver Creek near Rimrock reported a 7-foot rise between 6 PM and 8 PM. The river gauge on Wet Beaver Creek at Montezuma Castle showed a 15-foot rise in two hours (945 PM to 1145 PM). Officials estimate about 25 homes were damaged as a result of the flooding, and some were declared unsafe. Multiple rescues performed in the Montezuma and Rimrock areas. Black Canyon Creek at Maren Avenue River gauge showed a 2-foot rise in four hours (830 PM to 1230 AM). West Clear Creek near Camp Verde showed a 5.7-foot rise in 45 minutes (11 PM to 1145 PM).
- In July 2018, a trained spotter in Ash Fork reported 1.76 inches of rain between 200 PM and 4:36 PM. This led to flash flooding of Double "A" Ranch Road with 3-4 inches of standing water on the roadways. Portions of dirt roadways were washed away as a result of the localized flooding. Big Bug Creek experienced flash flood conditions during the mid-afternoon which lasted for approximately two hours. Water rose out the banks and flooded East Antelope Road. Much of the rain fell over the Goodwin Fire scar. Winds also gusted up to 45 MPH between 315 and 415 PM MST. The flood waters continued down the Agua Fria Wash for another 6 to 9 hours. This water eventually flowed into Black Canyon Creek near Black Canyon City. The Agua Fria River gauge at Old Black Canyon City Highway showed a rapid rise of 2.2 feet at 230 AM on July 16.

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2023 Yavapai County Flood Damages



*Sedona Fire Department
rescues 3 adults, 1 child, and 2
dogs from a stranded vehicle*



Sycamore Park in Rimrock
during the flooding.



Dry Beaver Creek during
flooding



Sullivan Lake Dam



Big Chino Wash at SR 89



Verde River at SR 89A and Bates
Road in Cottonwood

Figure 34 2023 Yavapai County Flood Damages

Yavapai Prescott Indian Tribe

The top picture illustrates erosion along Granite Creek on the Yavapai Prescott Indian Tribe lands. The Tribal lands are bifurcated by Granite Creek and during times of heavy flow the tribe is cut off from responding resources and parts of the tribal lands are isolated. The Tribe is working to improve the resilience of the Slaughterhouse Gulch area and control erosion caused by the flood waters by using HMA funds to build gabions.

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Extent

The land of Yavapai County and the Yavapai-Prescott Indian Tribe are prone to flooding, particularly flash flood events. Since 1950, there have been 301 flood and flashflood events according to the NOAA Storm Events Database. The topography and soil composition contribute to intense flooding events from relatively small amounts of rain over short durations of time. The probability of these events is high due to the ground being dry and the relative infrequency of rain events. The timeframe of these occurrences is also very small, creating a mass event in minutes. For consistency in terminology and graphic representation FEMA's Flood Zone Definitions are used in maps 4-2 through 4-13 to display the extent of flood areas.

Moderate to Low-Risk Areas	
ZONE	DESCRIPTION
B and X (shaded)	Between the limits of the 100-year and 500-year Floodplain, area with a 0.2% (or 1 in 500 chance) annual chance of flooding. This zone is also used to designate base floodplains of lesser hazards, such as areas protected by levees from 100-year flood, or shallow flooding areas with average depths of less than one foot or drainage areas less than 1 square mile.
C and X (unshaded)	500-year Floodplain, area of minimal flood hazard.

Figure 35 FEMA Flood Zones - Moderate to Low-Risk Areas

Undetermined Risk Areas	
ZONE	DESCRIPTION
A	100-year Floodplain, areas with a 1% annual chance of flooding. Because detailed analyses are not performed for such areas; no depths or base flood elevations are shown within these zones.
AE	100-year Floodplain. The base floodplain where base flood elevations are provided.
AH	100-year Floodplain, areas with a 1% annual chance of shallow flooding, usually in the form of a pond, with an average depth ranging from 1 to 3 feet. flood elevations derived from detailed analyses are shown at selected intervals within these zones
AO	100-year Floodplain, river or stream flood hazard areas, and areas with a 1% or greater chance of shallow flooding each year, usually in the form of sheet flow, with an average depth ranging from 1 to 3 feet. Average flood depths derived from detailed analyses are shown within these zones.
AR	Areas with a temporarily increased flood risk due to the building or restoration of a flood control system (such as a levee or a dam).
A99	100-year Floodplain, areas with a 1% annual chance of flooding that will be protected by a federal flood control system where construction has reached specified legal requirements. No depths or base flood elevations are shown within these zones.
Undetermined Risk Areas	
ZONE	DESCRIPTION
D	Areas with possible but undetermined flood hazards. No flood hazard analysis has been conducted. Flood insurance rates are commensurate with the uncertainty of the flood risk.

Figure 36 FEMA Flood Zones - High & Undetermined Risk Areas

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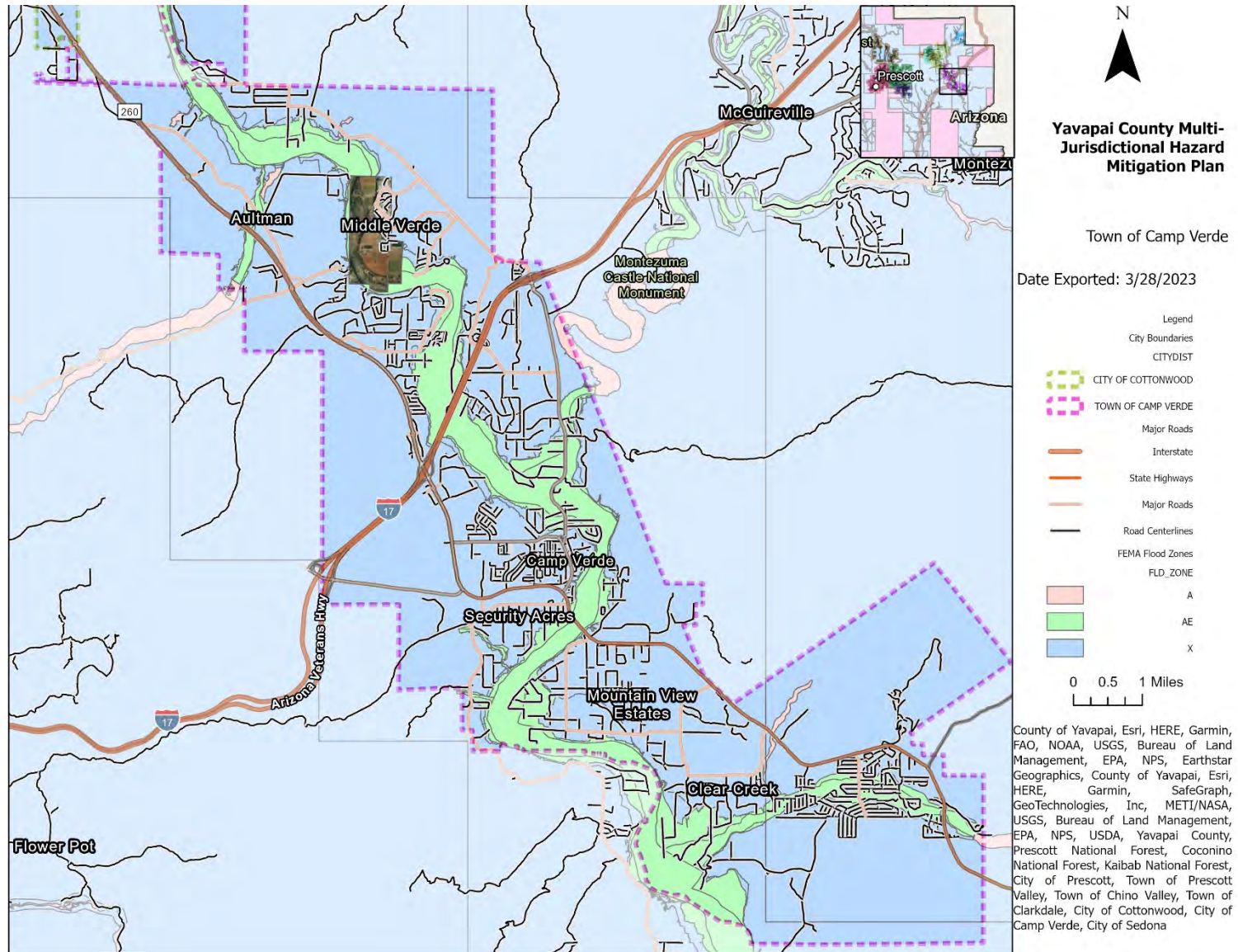


Figure 37 Map 4-2: Camp Verde Flood Map

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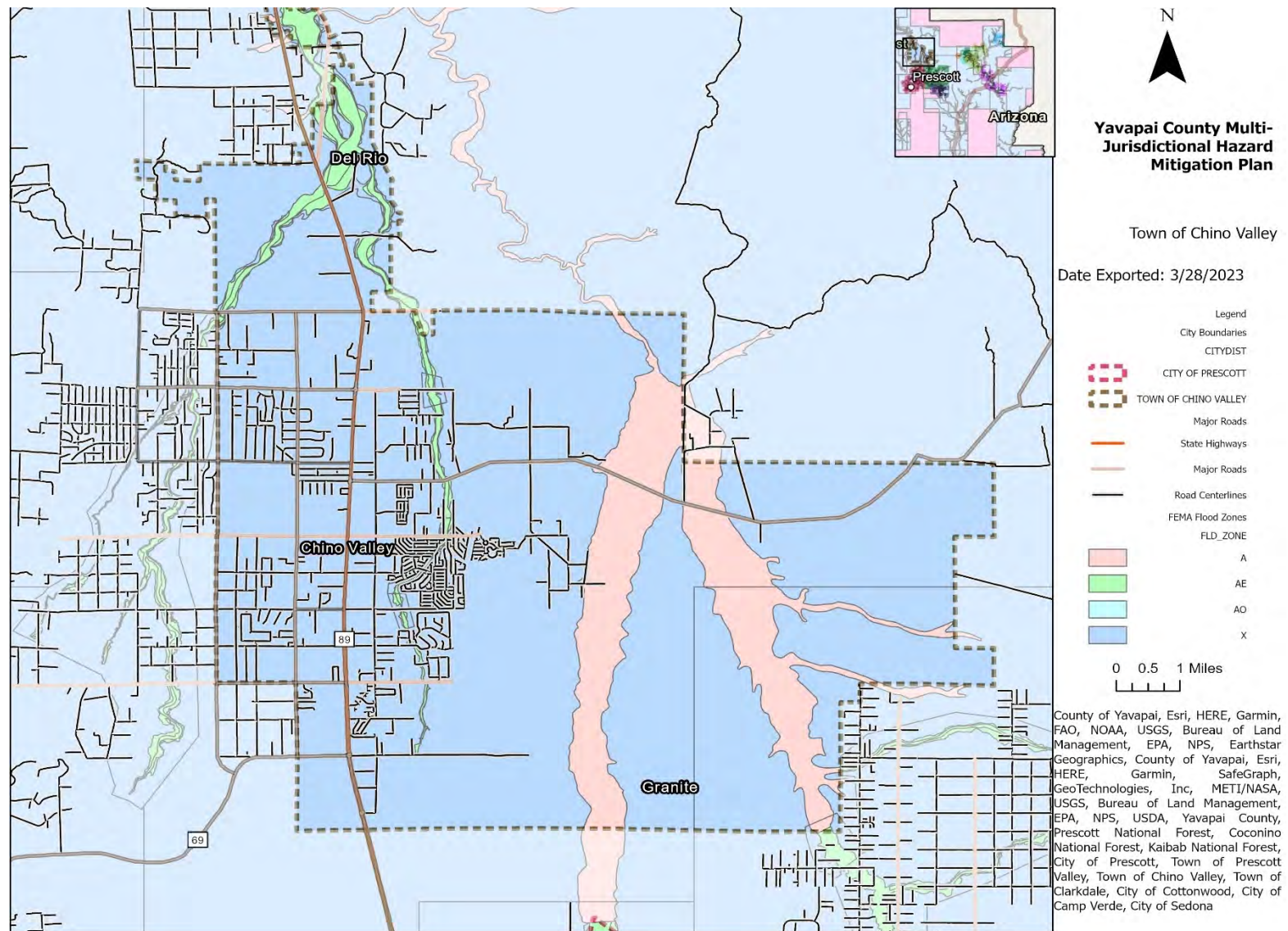


Figure 38 Map 4-3: Chino Valley Flood Map

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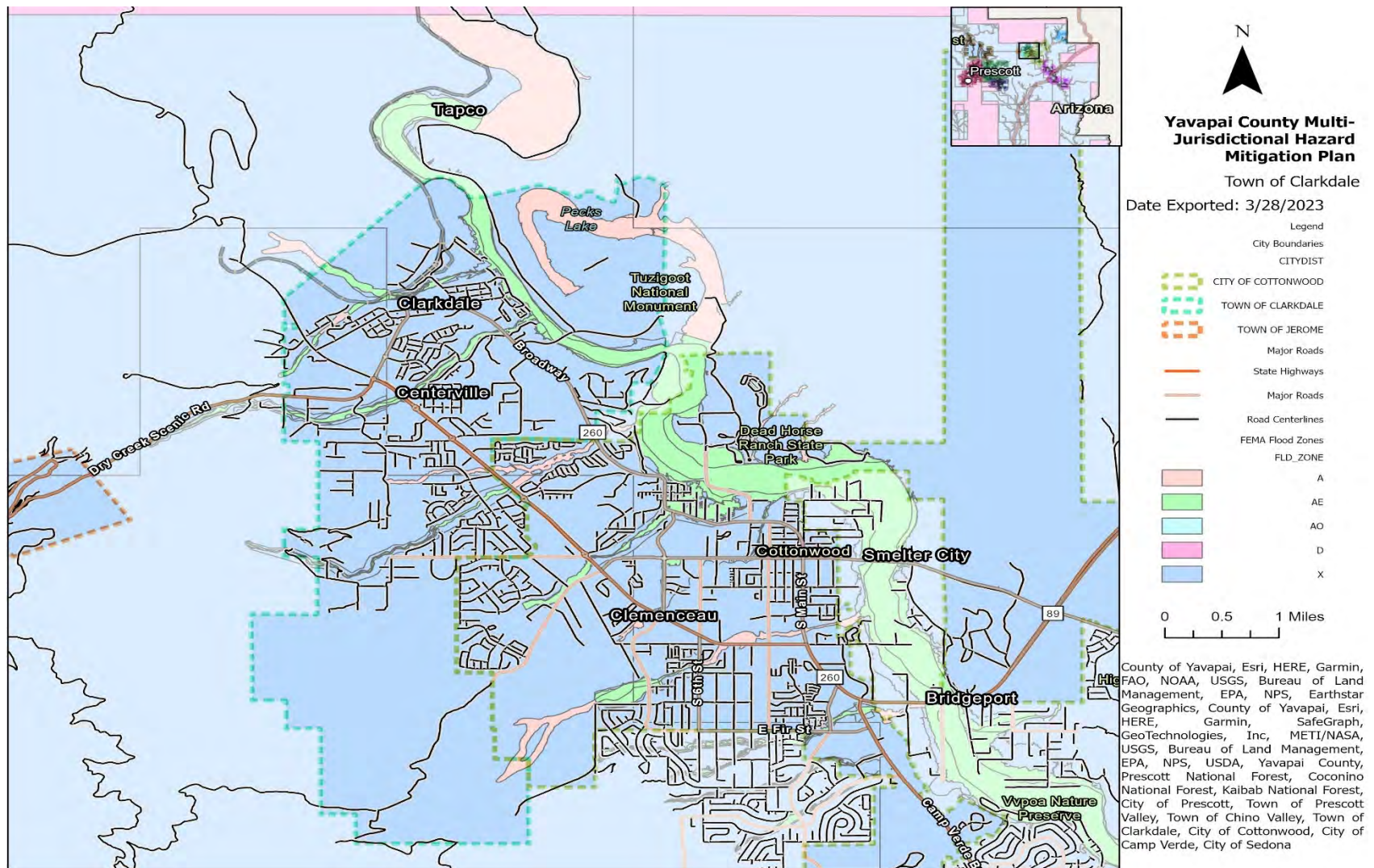


Figure 39 Map 4-4: Clarkdale Flood Map

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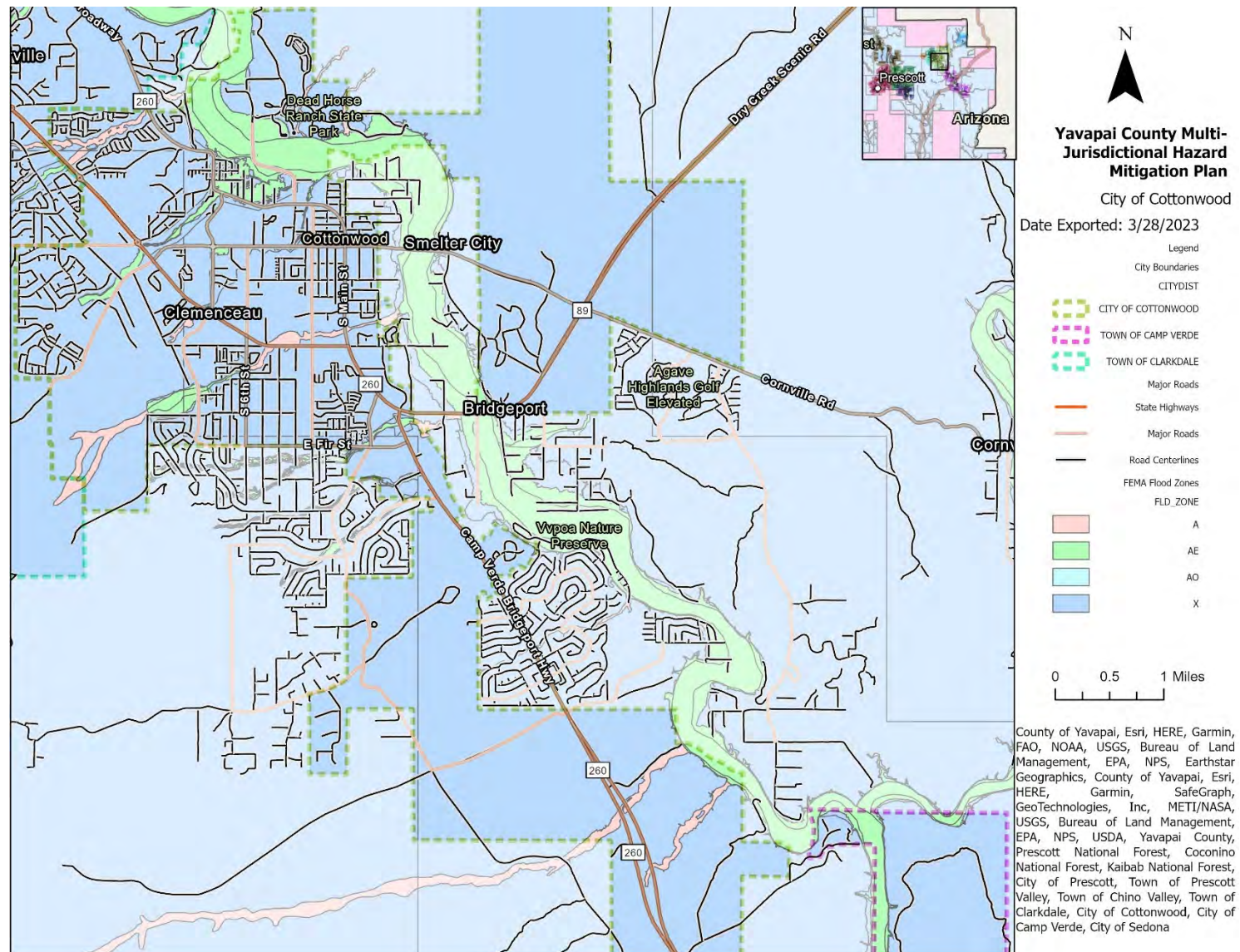


Figure 40 Map 4-5: Cottonwood Flood Map

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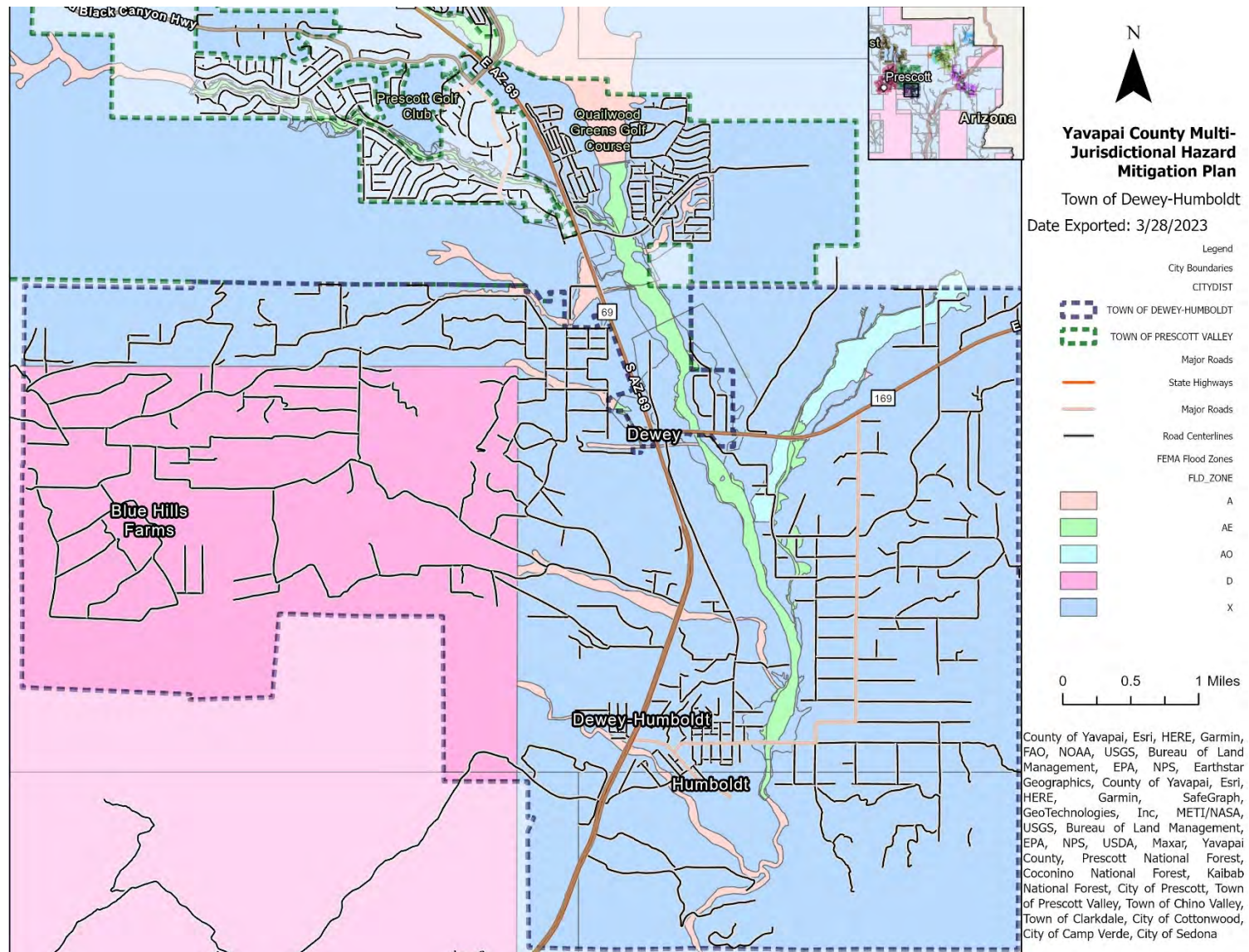


Figure 41 Map 4-6: Dewey-Humboldt Flood Map

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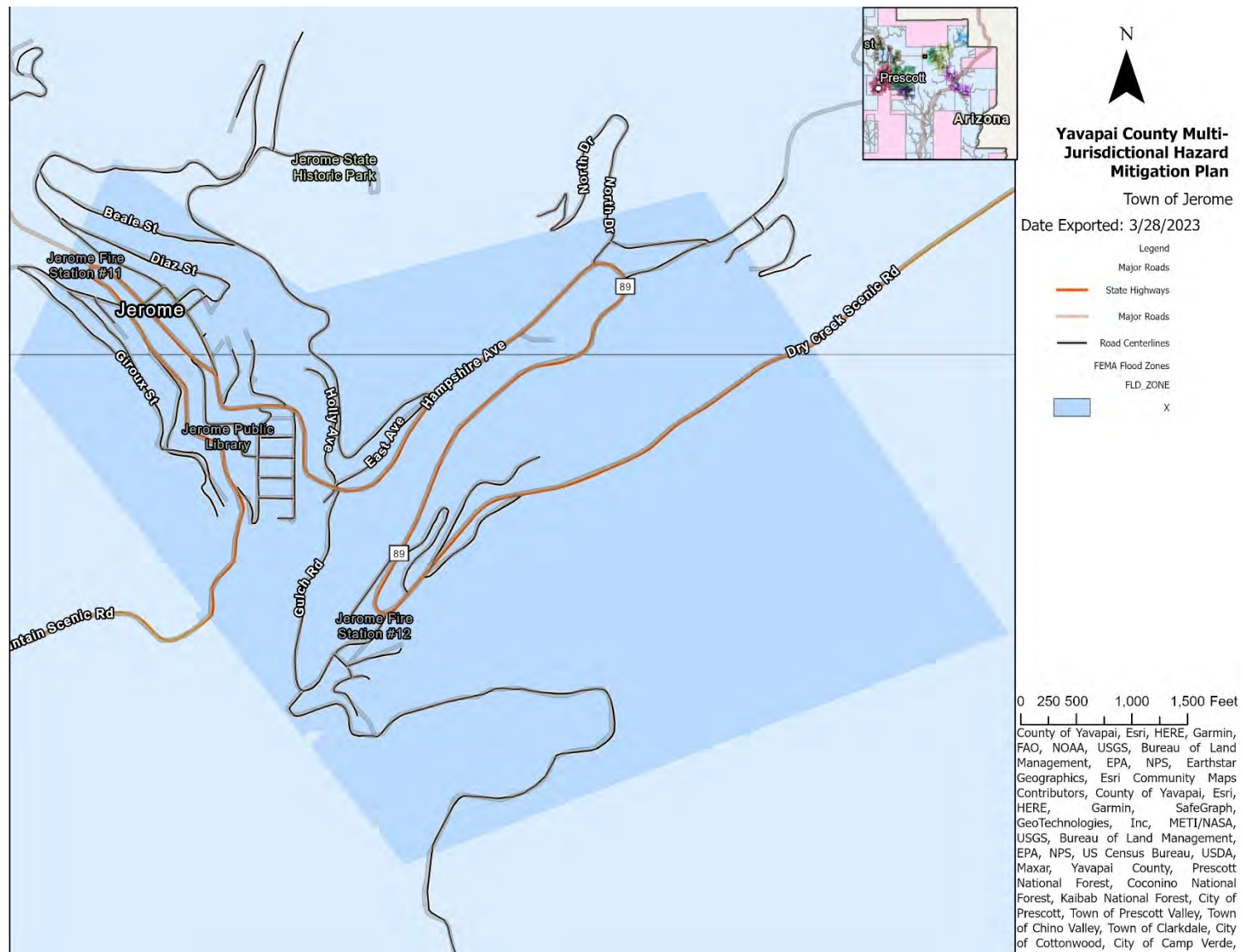


Figure 42 Map 4-7: Jerome Flood Map

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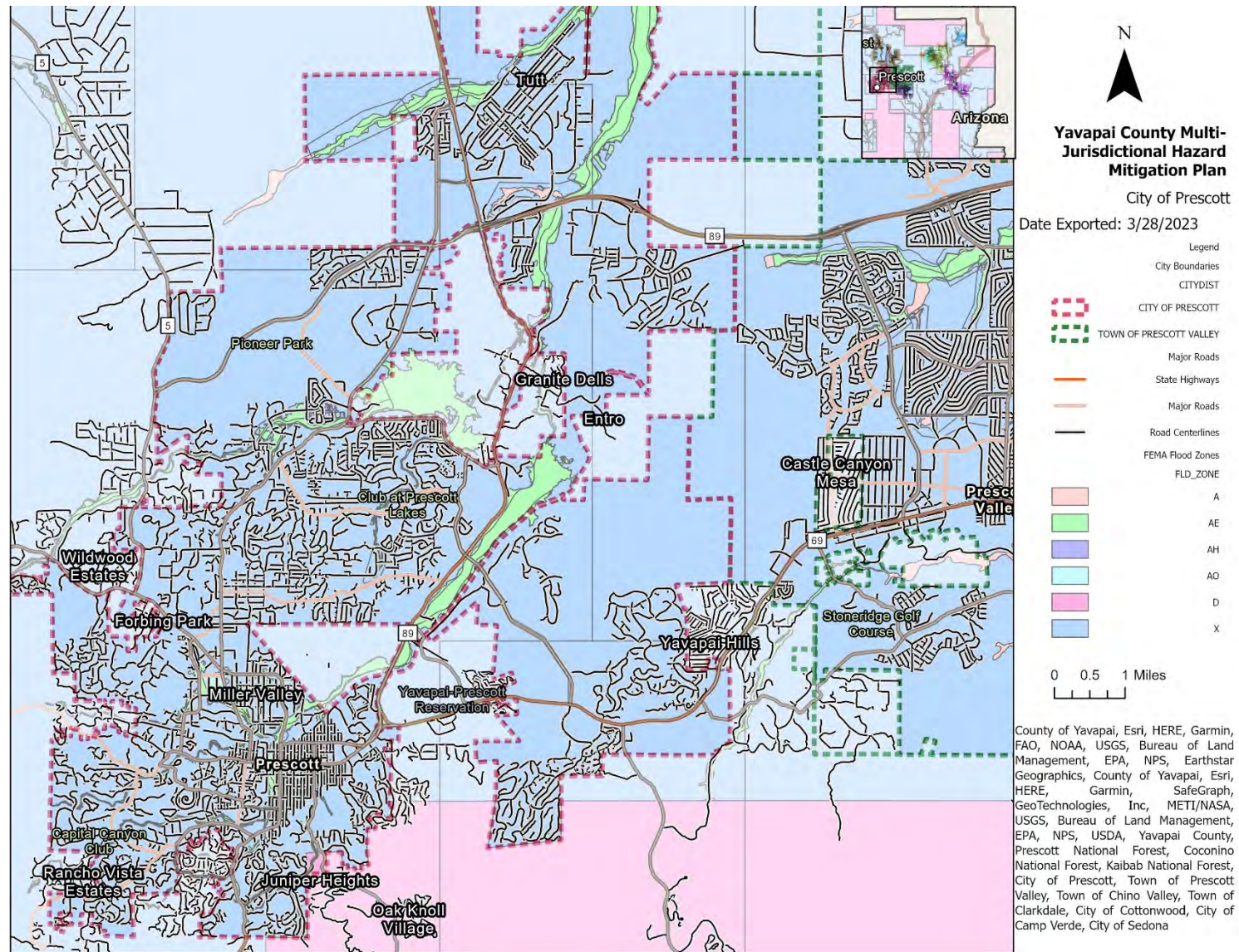


Figure 43 Map 4-8: Prescott Flood Map

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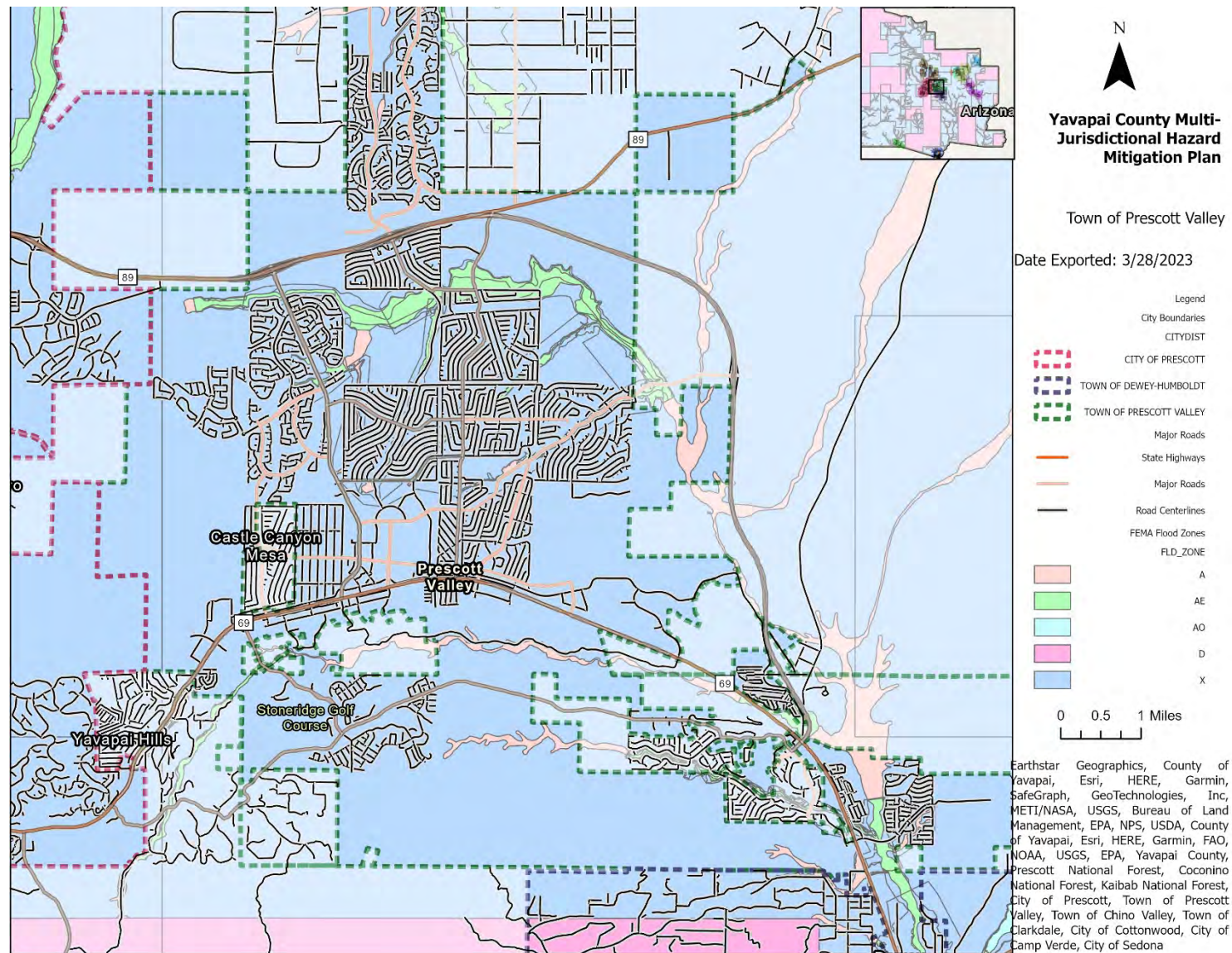


Figure 44 Map 4-9: Prescott Valley Flood Map

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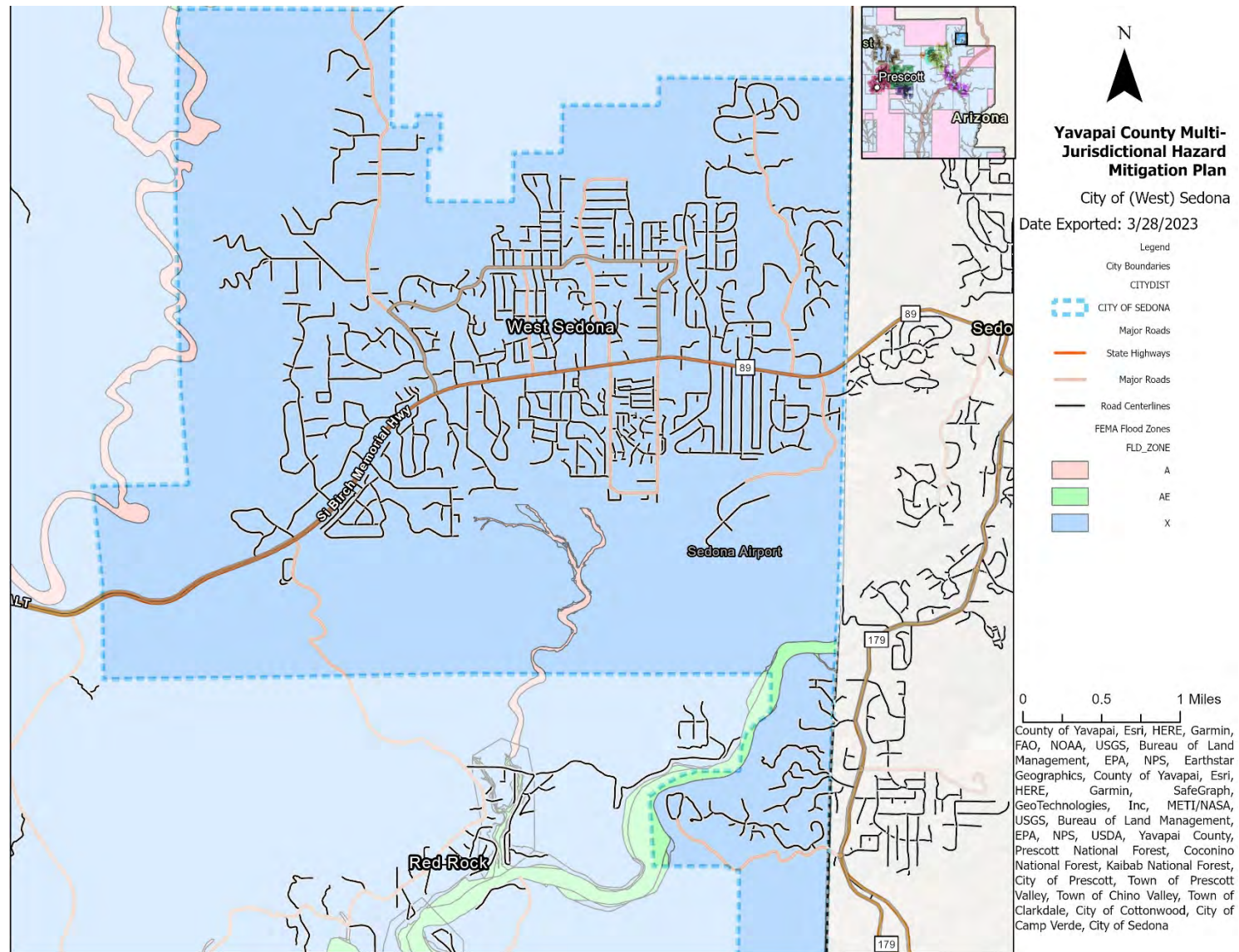


Figure 45 Map 4-10: Sedona Flood Map

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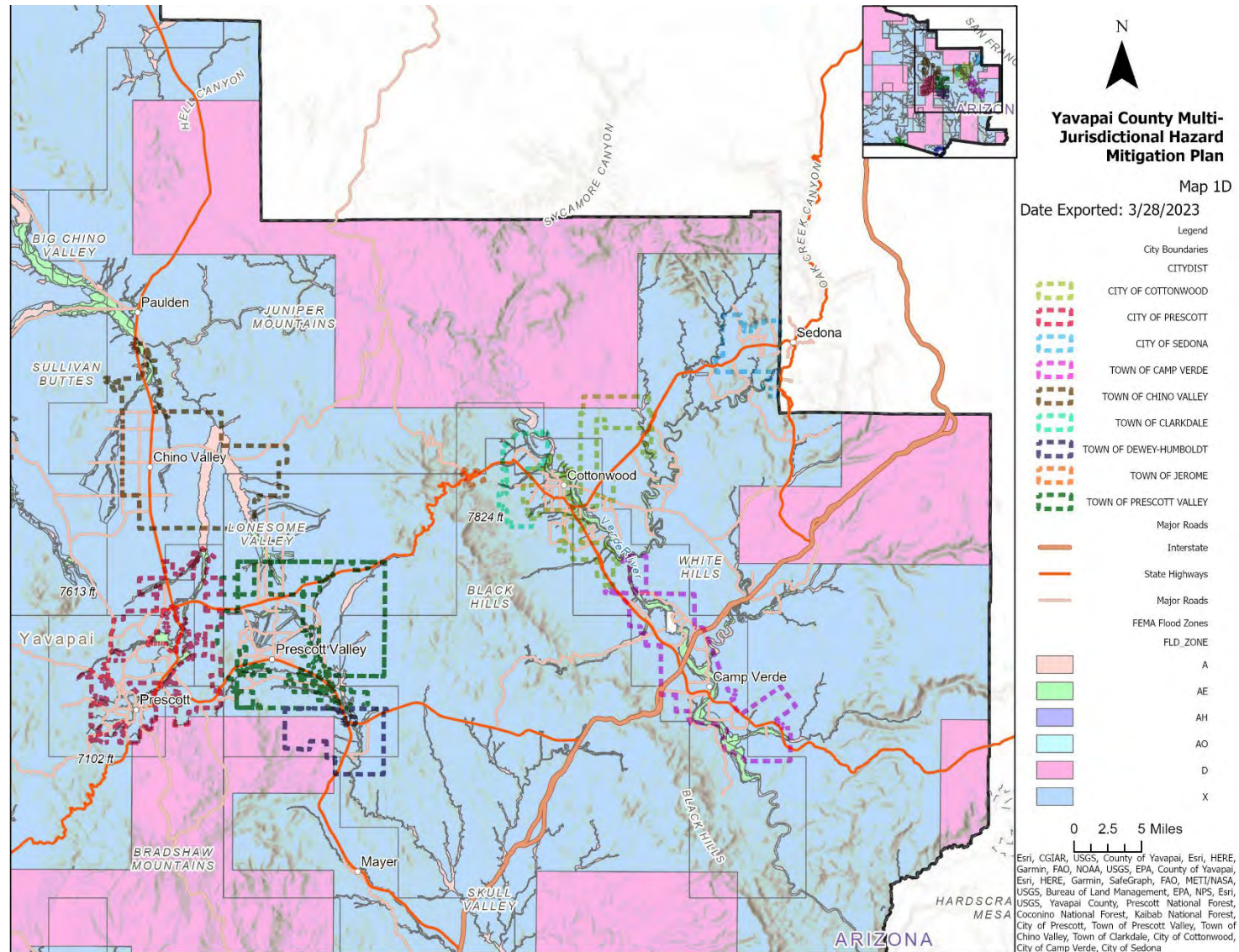


Figure 46 Map 4-11a: Yavapai County Flood Map – NE

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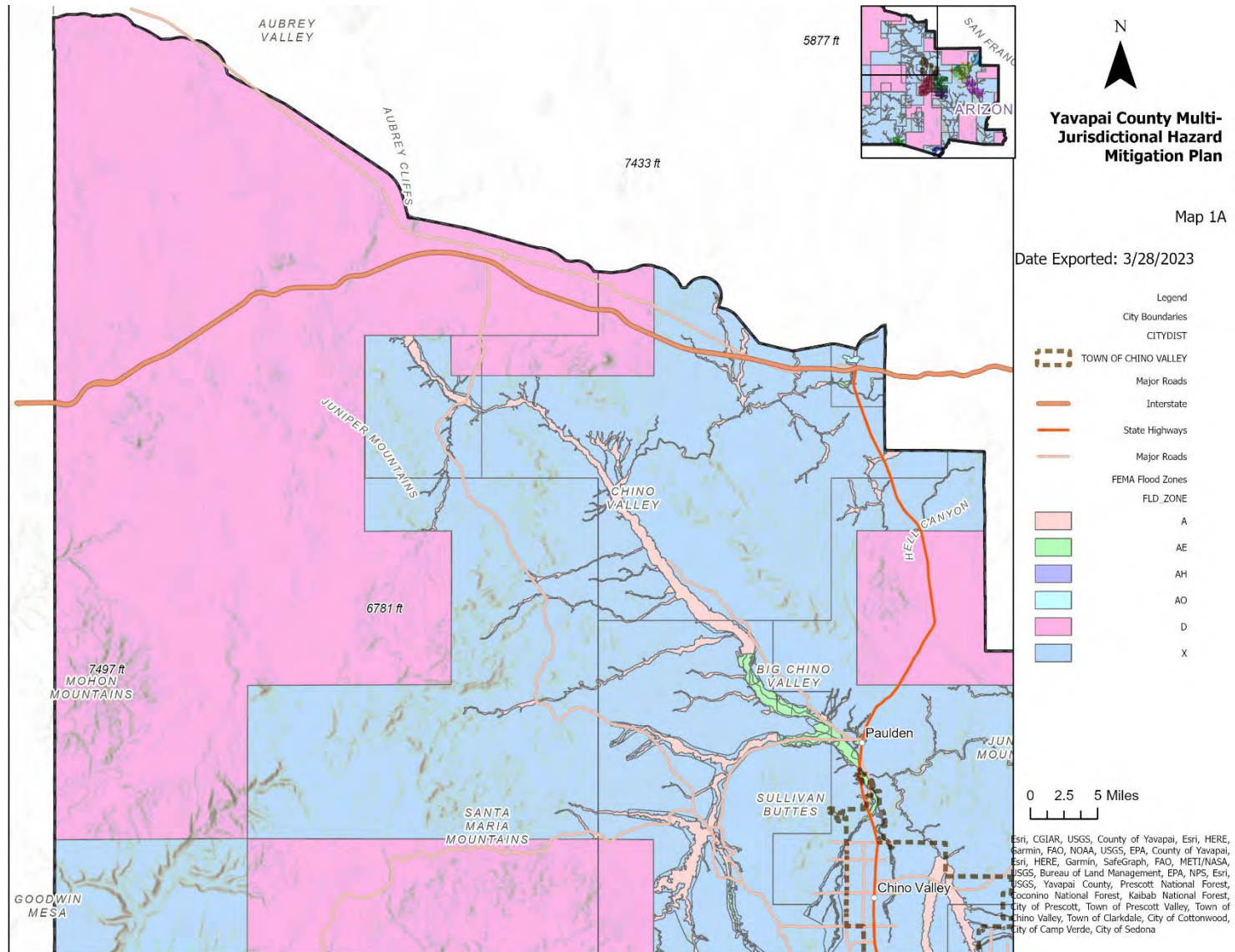


Figure 47 Map 4-11b: Yavapai County Flood Map – NW

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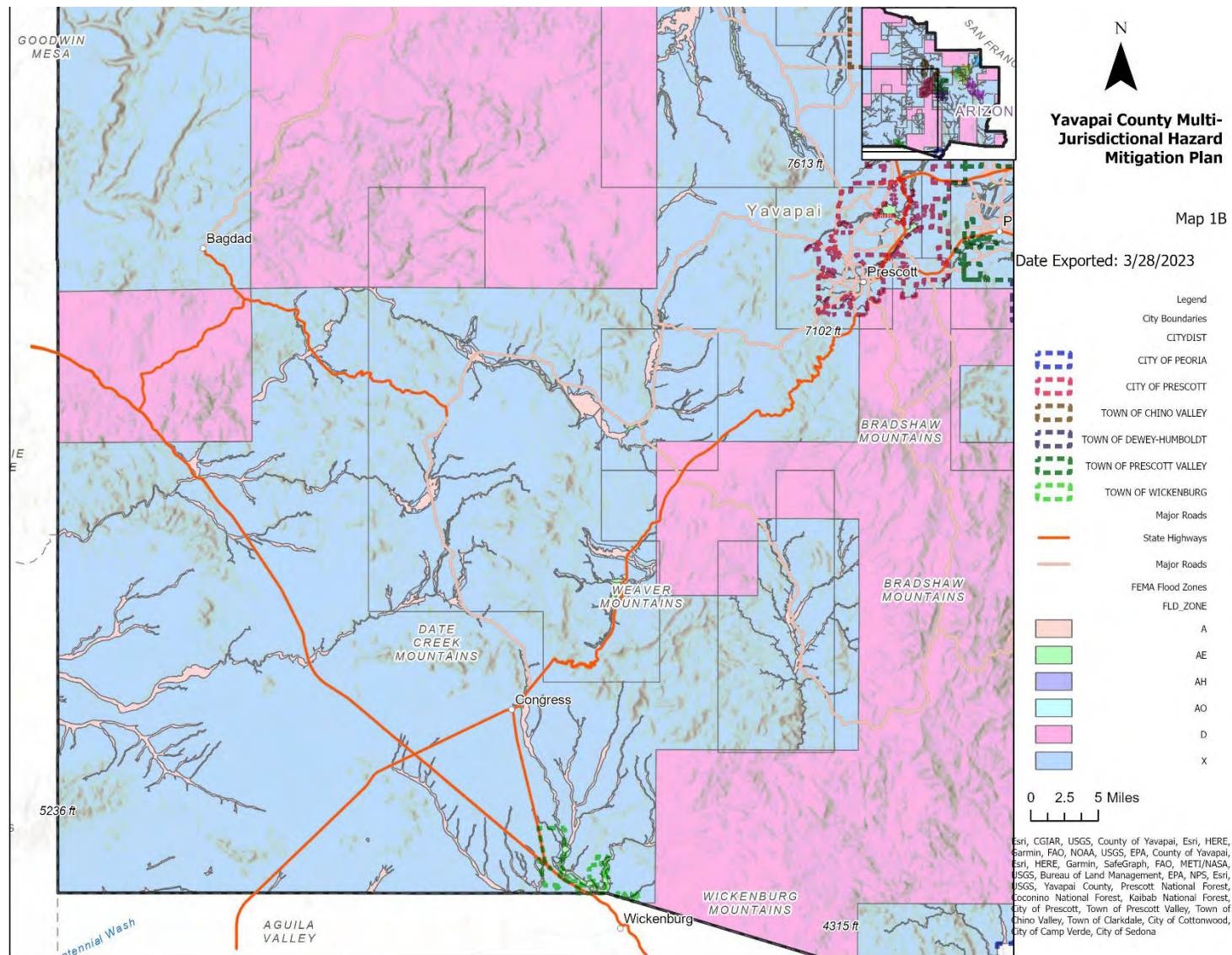


Figure 48 Map 4-11c: Yavapai County Flood Map – SW

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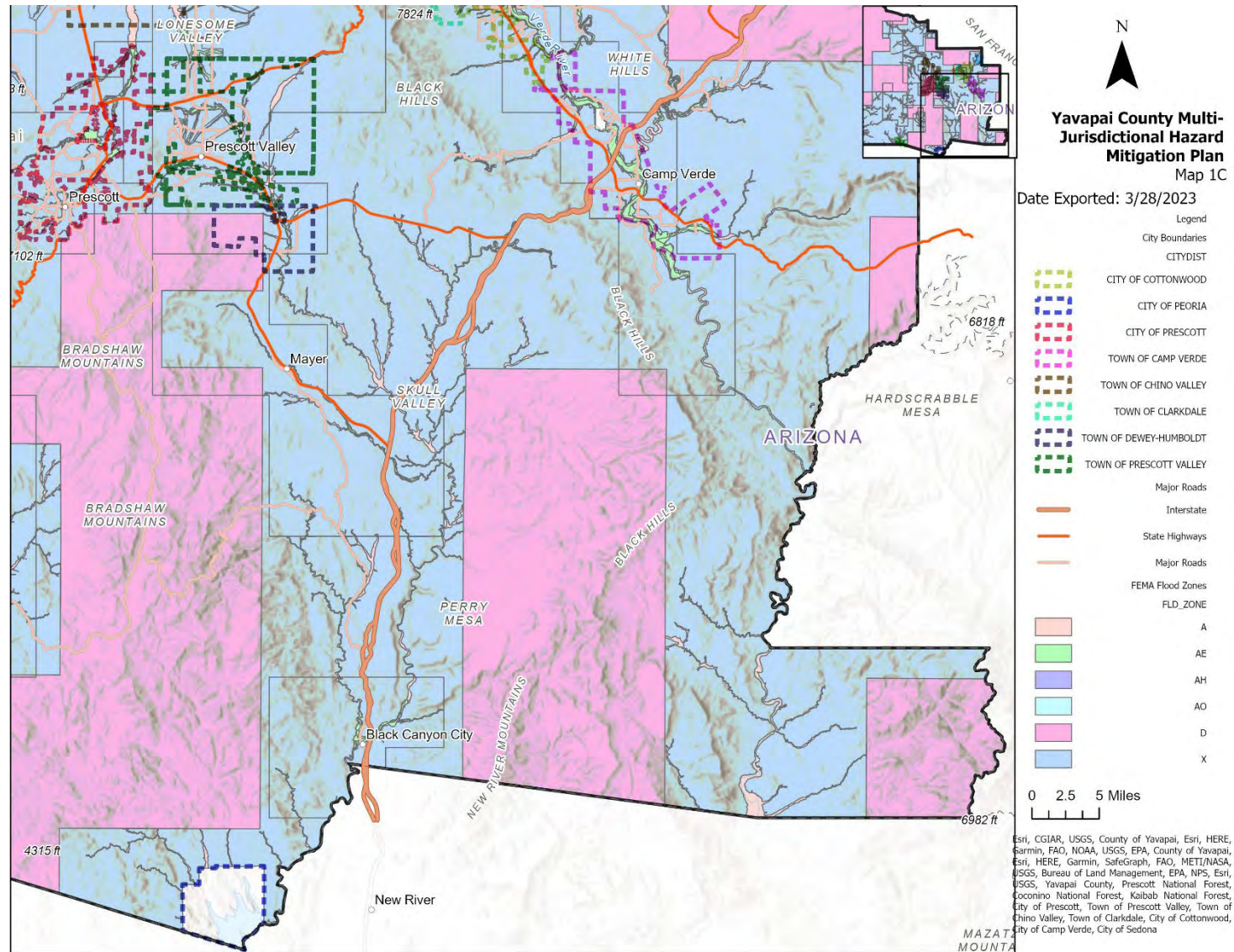


Figure 49 Map 4-11d: Yavapai County Flood Map – SE

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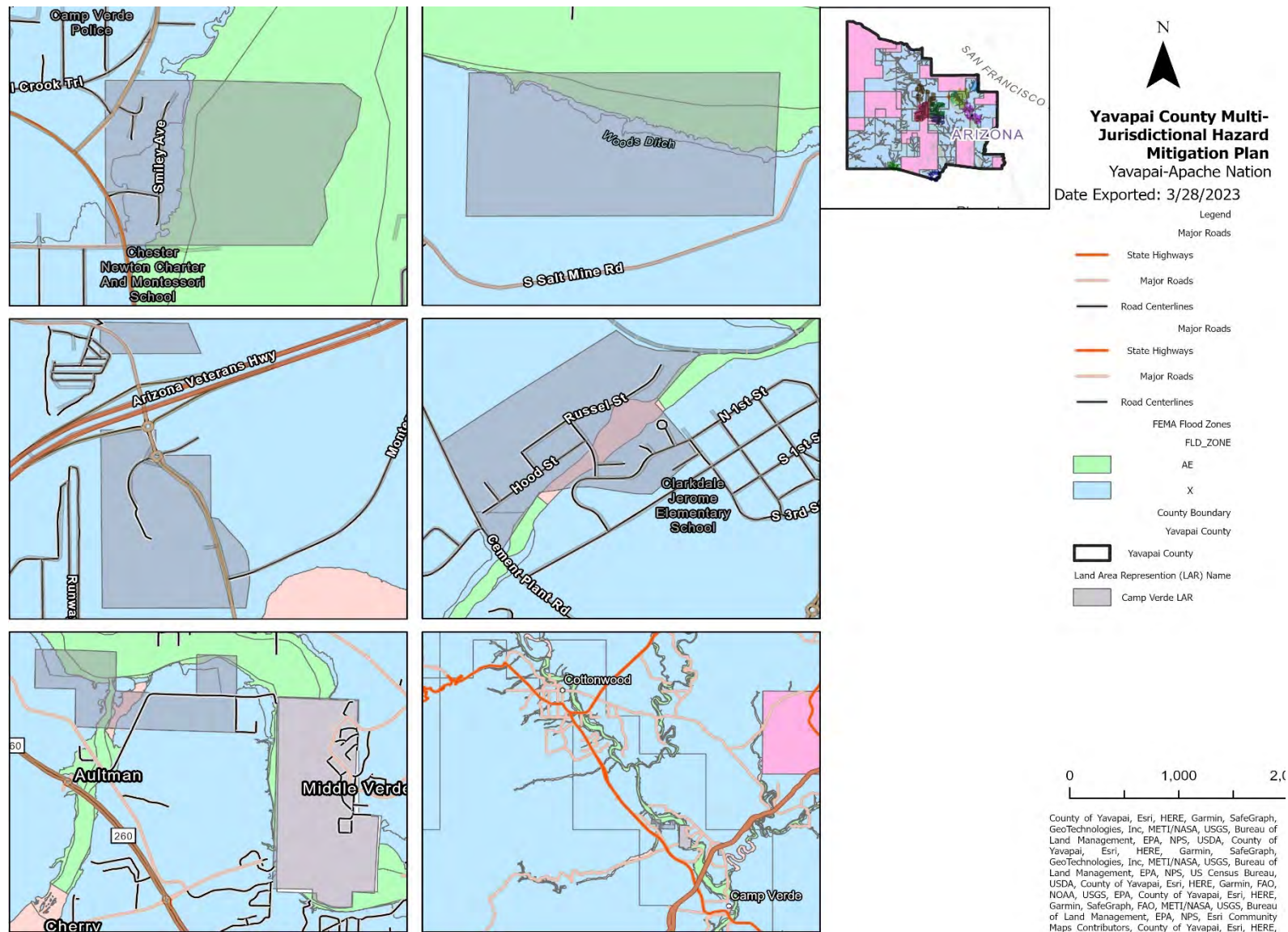


Figure 50 Map 4-12: Yavapai-Apache Nation

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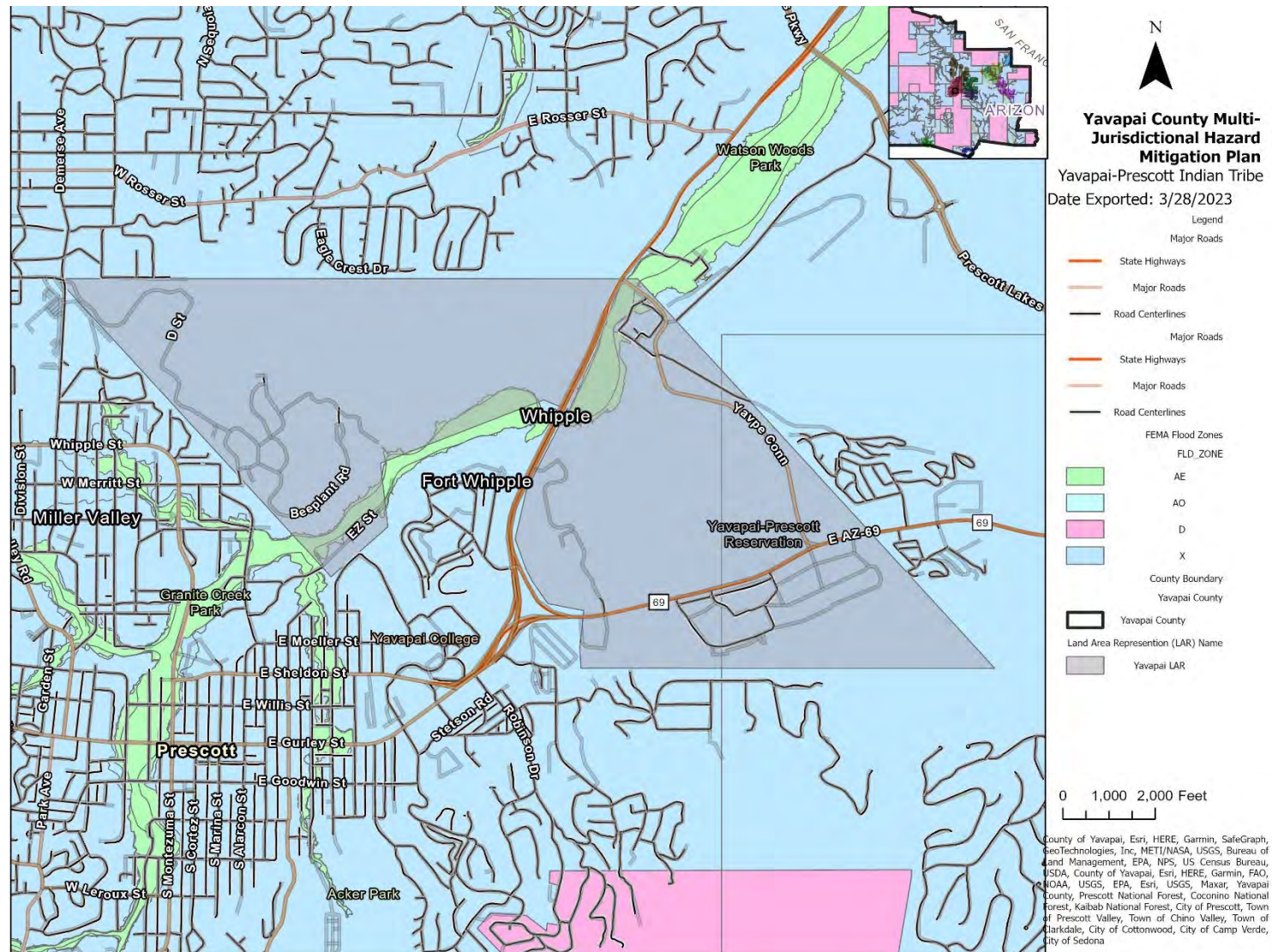


Figure 51 Map 4-13: Yavapai-Prescott Indian Tribe Flood Map

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Probability of Future Events

Yavapai County is prone to two types of flooding: Riverine and Flash Flooding. Riverine flooding occurs over periods of extended precipitation and primary watercourses are affected: Oak Creek, Verde River, Black Canyon River, and Agua Fria River.

Probability increases with future development altering the perviousness of landscapes, and climate change shifting weather patterns. Although climate change will not greatly affect the probability; it does affect the severity. Trends across the country have shown increases in precipitation and resulting flood events. Flash flooding is the county's most dangerous type of flood event. Over the summer of 2017, the community of Mayer experienced a 100-year event, which occurred in a matter of 30 minutes. Within 3 minutes, the Bug Creek rose from 26 inches to over 9 feet topping local bridges and affecting 133 homes. The probability of flash flooding is 100 percent for Yavapai County and the Yavapai-Prescott Indian Tribe due to the mountainous terrain, wildfire potential, and perviousness of the soil. Flash flooding most likely occurs during the summer monsoon season and the rapid water accumulation in areas such as Granite Creek will result in continued flash floods throughout the area. Table 4-6 provides an assessment of the probability and maps 4-14 to 4-23 illustrate areas affected by 100-year and 500-year flood level events.

Climate Change

Climate change has the potential to cause significant effects on flooding throughout Yavapai County and the YPIT tribal areas in the region. The 2018 National Climate Assessment predicts that climate change will contribute to an increase in the frequency and intensity of certain weather events, including heavy rainfall and flash floods.

- **Intensified Rainfall:** Climate change can lead to an increase in extreme weather events, resulting in more intense and concentrated rainfall. When heavy rain falls on the arid landscapes of Yavapai County, the dry soil may struggle to absorb the water quickly, leading to surface runoff and an increased risk of flooding.
- **Reduced Snowpack and Early Snowmelt:** Yavapai County 's high-elevation regions, such as the mountains, receive winter precipitation in the form of snow. However, climate change can cause a decrease in snow accumulation and an earlier snowmelt. This situation can lead to a shift in the timing of water runoff, potentially causing flooding downstream when the melted snow combines with rainfall.
- **Changes in Monsoon Patterns:** The monsoon season in Arizona typically occurs from June to September and brings much-needed rainfall to the region. Climate change can alter monsoon patterns, resulting in changes in precipitation distribution and intensity. This variability can increase the risk of flash flooding as heavy downpours become more common.
- **Increased Wildfire Risk:** Climate change can contribute to drier conditions and more prolonged drought periods. These conditions can increase the risk of wildfires. When wildfires occur, they can intensify the likelihood of flooding by reducing vegetation cover that helps absorb rainfall and increasing the chances of debris flow and erosion during heavy rains.

Changes in Development

The increased urbanization and infrastructure development throughout Yavapai County is perceptibly altering the landscape. It is also altering the surfaces which reduce the potential for flood risk. As populations grow and urban areas expand, land development and changes in land use exacerbate flooding issues. Impermeable surfaces like concrete and asphalt prevent rainwater from naturally infiltrating into the ground, increasing runoff and flooding in urban areas. Throughout the County and Tribal areas, urbanization will increase the frequency and severity of future flood events even though new developments are created using modern flood calculations and better building codes.

Secondary or Cascading Effects

The type or range of cascading events are largely determined by the magnitude and location of the event, and various other factors, including burn scars from previous wildland fires and landslides from those previous fires preventing proper drainage. Additional cascading events may include ruptured gas and water lines and collapsed bridges along the previously mentioned transportation routes. Breached dams, landslides, rock falls, and communications failures

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are possibilities.

National Flood Insurance Program Participation

Participation in the NFIP is a key element of any community's local floodplain management and flood mitigation strategy. Yavapai County and all incorporated jurisdictions other than Jerome and the Yavapai-Prescott Indian Tribe, participate in the NFIP. Joining the NFIP requires the adoption of a floodplain management ordinance that requires jurisdictions to follow established minimum standards set forth by FEMA and the State of Arizona, when developing in the floodplain. These standards require that all new buildings and substantial improvements to existing buildings will be protected from damage by the 100-year flood, and that new floodplain development will not aggravate existing flood problems or increase damage to other properties. As a participant in the NFIP, communities also benefit from having Flood Insurance Rate Maps (FIRM) that map identified flood hazard areas and can be used to assess flood hazard risk, regulate construction practices, and set flood insurance rates. FIRMs are also an important source of information to educate residents, government officials, and the private sector about the likelihood of flooding in their community.

Table 4-5: NFIP Statistics as of Oct 2022 ³²			
Jurisdiction	Number of Policies	Amount of Coverage (x \$1,000)	Floodplain Management Role
Yavapai County	732	\$178,933	Provides floodplain management for the Unincorporated County, Camp Verde, Clarkdale, Dewey-Humboldt, and Sedona
Camp Verde	275	\$59,888	Town will do an initial review with ultimate floodplain management provided by Yavapai County
Chino Valley	21	\$5,748	Floodplain management provided by Town staff.
Clarkdale	10	\$2,476	Town will do an initial review with ultimate floodplain management provided by Yavapai County
Cottonwood	67	\$18,685	Floodplain management provided by City staff.
Dewey-Humboldt	18	\$3,956	Town will do an initial review with ultimate floodplain management provided by Yavapai County
Jerome	NSFH	\$700	
Prescott	411	\$115,170	Floodplain management provided by City staff.
Prescott Valley	62	\$18,511	Floodplain management provided by Town staff.
Sedona	40	\$11,412	City will do an initial review with ultimate floodplain management provided by Yavapai County
Unincorporated areas	311	81,525	

Figure 52 TABLE 4-5: NFIP STATISTICS AS OF OCT 2022

³² FEMA. National Flood Insurance Program: Flood Insurance Data and Analytics. Retrieved 23 March 2023 from <https://nfipservices.floodsmart.gov/reports-flood-insurance-data>.

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Vulnerability

Table 4-7: Flooding CPRI Rating					
Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	Rating
Camp Verde	Likely	Catastrophic	<6 hours	< 1 week	3.45
Chino Valley	Highly Likely	Limited	< 6 hours	< 6 hours	3.10
Clarkdale	Highly Likely	Limited	< 6 hours	< 1 week	3.30
Cottonwood	Likely	Limited	12-24 hours	< 1 week	2.55
Dewey-Humboldt	Likely	Critical	6-12 hours	< 24 hours	2.90
Jerome	Highly Likely	Critical	< 6 hours	< 1 week	3.60
Prescott	Possibly	Limited	12-24 hours	< 1 week	2.10
Prescott Valley	Highly Likely	Critical	< 6 hours	< 1 week	3.60
Sedona	Highly Likely	Limited	< 6 hours	< 1 week	3.30
Unincorporated Yavapai Co	Highly Likely	Critical	< 6 hours	< 1 week	3.60
Yavapai-Prescott Indian Tribe	Likely	Limited	6 - 12 hours	< 24 hours	2.60

Figure 53 Table 4-7: Flooding CPRI Rating

Based on information generated in HAZUS, \$12.2 and \$5 billion in high and medium flood losses to HAZUS defined residential, commercial, and industrial facilities is estimated for all participating Yavapai County jurisdictions. Regarding human vulnerability, a total population of 37,323 people, or 15.8% of the total population, is potentially exposed to a high hazard flood event. A total population of 7,336 people, or 3.1% of the total population, is potentially exposed to a medium hazard flood event. Based on the historic record, multiple deaths and injuries are plausible and a substantial portion of the exposed population is subject to displacement depending on the event magnitude.

It is noted that the loss and exposure numbers presented above represent a comprehensive evaluation of the County as a whole. It is unlikely that a storm event would occur that would flood all the delineated high and medium flood hazard areas at the same time. Accordingly, actual event-based losses and exposure are likely to be only a fraction of those summarized above. Furthermore, it should be noted that any flood event that exposes assets or population to a medium hazard would also expose assets and populations to the high hazard flood zone. That is, the 100-year floodplain would be entirely inundated during a 500-year flood.

Unincorporated County – Although Yavapai County is the third largest County in Arizona by population, it is 8,126 square miles with a majority of the county classified as rural. The county has eight distinct mountain ranges with elevation ranging from 1,000 to nearly 8,000 feet. This huge elevation differential contributes to flash flooding. Typical Monsoon patterns traverse from Southwest to Northeast developing over the low laying Sonora desert. As these storms intersect the mountainous regions of North Central Arizona, uplift creating shear and copious amounts of precipitation occurs. Other scenarios include the rapid condensing of moisture over higher elevation creating monsoons with rapid onset increasing the potential of dangerous flash flooding.

Winter storms, which create riverine flooding, are Pacific sub topical frontal systems, which create rain snow events. These events are most pronounced when higher elevation has been impacted by heavy snowfall, followed by rapid warming and a rain event. The winter storm of 2010 created a flood event along the Oak Creek and Verde Rivers in 2010 due to this phenomenon. The flood exceeded the 100-year event threshold.

Camp Verde – Camp Verde has experienced flooding through summer rains, tropical depressions, and winter rains on snowpacks. With Clear Creek flowing through municipal boundaries and connecting with the Verde River, it has brought almost annual loss to roadways constructed across the river course in the Verde Lakes area. Rising flood waters routinely damage the asphalt and rights of way. The 17 miles of the Verde River coursing through the municipal boundaries provides the potential for loss during higher-than-normal flood events. The advent of FEMA's flood plain maps and the resulting restrictions on where and how structures may be built within flood zones has reduced the possible exposure to flood events and thereby reducing losses. There are some areas where excessive

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amounts of rainfall i.e., 5" within an hour has caused severe flooding in areas flowing off forest lands and encroaching into some populated areas in other than the historical and traditional drainages. Changes in those course ways has been the result of the municipality's inability to enter those drainages without costly studies with no guarantee of access or permit to repair drainages by removing the accumulated sediment. This accumulation has created alluvial fans thereby forcing floodwaters to seek alternative drainages into populated areas, which has caused repeated damage to homeowners and businesses.

Overall vulnerability in Camp Verde consists of over 8,000 buildings. Essential facilities include eleven (11) schools, four (4) fire stations, and three (3) police stations. Vulnerabilities also include 75.81 miles of highway, 69 bridges, and 1,294.32 miles of pipe.

Chino Valley – Sits North of the Prescott Basin and South of the Western Mogollon Rim. It is surrounded by higher terrain. The streams and creeks bisect the community and have alluvial qualities. Chino Valley also sits just south of the headwaters of the Verde River. The area is prone to shallow inundation, as well as flash flooding.

Overall vulnerability in Chino Valley consists of over 12,000 buildings. Essential facilities include nine (9) schools, three (3) fire stations, and one (1) police station. Critical infrastructure includes 44.74 miles of highway, 15 bridges, and 1,393.11 miles of pipes.

Clarkdale – The Verde River and feeder washes bisect a corner of the Town of Clarkdale forming a major riparian corridor lined with large Cottonwood trees. There are Town roads and residential properties along the river that would be affected during flood stage of the Verde River. Some of those properties lie outside the Town limits in Yavapai County but are the responsibility of the Town of Clarkdale during an event. Sycamore Canyon Road and Broadway (Bitter Creek Bridge) would be evacuation routes for those residences, and if compromised, would be a deterrent for evacuation. Clarkdale is susceptible to debris flows that can occur along steep mountain slopes, canyons, and along road cuts from the Town of Jerome. The Town of Clarkdale also has area washes that flood, closing some intersections along with residential properties in the area.

Overall vulnerability in Clarkdale consists of 3,000 buildings. Essential facilities include one (1) school, three (3) fire stations, and two (2) police stations. Critical infrastructure includes 128.62 miles of highway, 23 bridges, and 767.39 miles of pipes.

Cottonwood – Due to the proximity of the Verde River, the City of Cottonwood has the potential for damaging flood events to occur. However, there are relatively few structures within the floodplain of the Verde River, so the likelihood of substantial property loss is limited.

Overall vulnerability in Cottonwood consists of 11,000 buildings. Essential facilities include two (2) hospitals, fourteen (14) schools, three (3) fire stations, and three (3) police stations. Critical infrastructure includes 54.68 miles of highways, 38 bridges, and 429.37 miles of pipes.

Dewey-Humboldt – This community is naturally bifurcated by the Agua Fria River. The Agua Fria being an intermittent river has never been effectively mitigated. An event greater than 10 years effectively bifurcates the community. Historically, the river is highly susceptible to rapid flash flood rise due to monsoonal activity, and quickly recedes when the rain passes. However, the greatest impacts have been observed in 2017, 2016, 2015, 2010, and 2009 when the river demonstrated riverine flooding characteristics over multiple days and multiple events. Impacted tributaries during a regional event greatly enhance flow and output to Dewey Humboldt essentially cutting off the community from emergency services and residential ingress and egress.

Most of the damage caused by these events have been to public infrastructure as a repetitive loss. Dewey Humboldt has worked to mitigate public infrastructure; roads, culverts, and crossing over the last 6 years using local flood control and town funds.

With a five percent year over year growth since 2010, Dewey-Humboldt has grown significantly. Along with this growth has come an increased focus on mitigating the effects a flood event has on the jurisdiction and its residents. With this being said, the vulnerability to a flood event has only slightly increased. This is due to many of the damages being repetitive losses and allows for a focused effort on mitigation.

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Overall vulnerability in Dewey-Humboldt consists of 4,000 buildings. Essential facilities include two (2) schools and three (3) fire stations. Critical infrastructure includes 161.56 miles of highway, 27 bridges, and 1,256.41 miles of pipes.

Jerome – Storm water runoff management was given very little consideration during the early years of Jerome’s development. An extensive array of spillways, catch basins and culverts have been constructed and modified over the years to convey runoff through the community. Most of the Town’s drainage system consists of obsolete or non-working structures that have been abandoned, damaged, or not maintained and are no longer functioning. The primary drainage conveyance structure is a deteriorating concrete flume that conveys excess spring water from the Cleopatra Hill water tanks through Town and outfalls into Bitter Creek Wash. The flume captures a large amount of runoff from Cleopatra Hill and intercepts flows from a significant portion of the downtown area.

The neglected drainage infrastructure and town budget limitations have resulted in many residents, commercial properties and roadways being adversely affected by storm water runoff. Historical drainage patterns have been changed by private runoff diversionary improvements and other projects have been completed without adequate drainage planning.

Jerome received funding from Yavapai County Flood Control District (YCFCD) to evaluate the existing drainage facilities within the Town for adequacy of the overall drainage system and to provide recommendations for areas of improvement. The project included: existing drainage structure inventory, drainage basin delineations based on existing structures, channels, roadway configurations and site evaluations, modeling of the drainage basins for current runoff data, floodplain delineation for Bitter Creek Wash adjacent to the Jerome Waste Water Treatment Plant (WWTP), hydraulic analysis on the capacity of the existing major drainage structures and to provide recommendations for improvements to mitigate damage from storm water runoff experienced by the community. The watersheds affecting the Town were subdivided into 12 major drainage basins. Most of the basins contribute to two major washes that flow through Jerome, Bitter Creek Wash and Deception Gulch. The basin located west of the visitor’s parking area has no outlet and was not included in the calculations. The north side of Town drains to Bitter Creek Wash and the south side drains into Deception Gulch Wash. Deception Gulch, which is the larger of the two, commences on top of Woodchute Mountain approximately 3.6 miles west of Town limits. The wash flows through Town and continues downstream until it converges with the Verde River. Bitter Creek Wash originates on Cleopatra Hill adjacent to the westerly Town limits. The wash is routed through Town within existing drainage structures and flows downstream to the WWTP. Bitter Creek continues to the east through Clarkdale and converges with the Verde River.

In Sept 2014, SWI coordinated with Jerome and issued a Project Notification and Request for Information (RFI) form to the residents of the Town. The RFI asked residents to indicate if they have ever experienced storm water drainage issues on their property. SWI received 22 responses from residents that had experienced runoff related issues. Many attached photos and written descriptions of the problems they observed. The reported problems ranged from minor landscape issues to more severe drainage issues including earth subsidence, severe erosion, flooded garages and homes, road damage, and damage to retaining walls. From these responses, site visits, discussions with homeowners, field reconnaissance, access to businesses, critical crossings, life safety issues, Town Council concerns, and the results of the drainage analysis of the existing infrastructure, SWI identified 10 drainage improvement priorities. A decision matrix was also developed for the projects to assist in the prioritization. There are a significant number of drainage problem areas within Jerome that would benefit from drainage improvements. The drainage issues encountered by the residents include lack of drainage easements, erosion, inadequate planning for storm water runoff management during the early development of the town, undersized existing drainage facilities, very few defined drainage channel improvements, roadways constructed without curb and gutter, unmaintained roadway ditches, catch basins and culverts. A substantial number of residences are constructed well below the level of adjacent roadways. The lack of curbed streets within the Town results in many of the homes at lower elevations to receive runoff directly from the roadway surface. The goal is to mitigate the frequency and severity of the storm water impacts on the residences and the community.

Overall vulnerability in Jerome consists of 2,000 buildings. Essential facilities include two (2) fire stations and one (1) police station. Critical infrastructure includes 128.62 miles of highway, 18 bridges, and 728.87 miles of pipes.

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Prescott – Flooding events are very seasonal however whether they occur as part of the Monsoon (July-early Oct) or in conjunction with winter (Nov-April) they remain a risk to the City of Prescott community at-large. Real and fixed property along with undermining of utilities and excessive capacity to channels for run-off place the community at risk. Loss estimations could reach into the millions of dollars. With its high curbs much of the historic downtown area of the city to include the infamous “Whiskey Row” have been able to stave off any significant event however Granite Creek immediately to the west has flooded in the past and may be expected to flood in the future. The other significant area of concern is at the bottom of Willow Creek as it enters a plateau prior to entering Willow Lake. A significant amount of affordable housing is located within the flood plain there as well as some minor commercial outlets too.

Overall vulnerability in Prescott consists of 26,000 buildings. Essential facilities include four (4) hospitals, twenty-five (25) schools, seven (7) fire stations, four (4) police stations, and one (1) emergency operations center. Critical infrastructure includes 105.01 miles of highway, 47 bridges, and 1,111.63 miles of pipes.

Prescott Valley – In 2017 a series of heavy monsoons, West and North of Prescott Valley affected the Lynx Creek basin. The ensuing event created heavy flows impacting the local park. Flood control devices along the watercourse worked as designed but left heavy debris flows. Other areas within Prescott Valley experienced extremely heavy flows along the tributaries of the Agua Fria. These flows closed roads, impacted residential areas, and created dangerous fast-moving flows in residential areas. The potential for loss of life exists during these events.

Overall vulnerability in Prescott Valley consists of 18,000 buildings. Essential facilities include three (3) hospitals, twenty-one (21) schools, four (4) fire stations and one (1) police station. Critical infrastructure includes 75.81 miles of highway, 18 bridges, and 489.64 miles of pipes.

Sedona – Sedona has approximately 140 (100 in Coconino and 40 in Yavapai County) FEMA floodplain properties with structures along Oak Creek and its tributaries. While some of these structures are outside of the Special Flood Hazard Area, many are not. Property damage typically occurs in the larger runoff events that involve rain on snow in the higher elevations. Sedona has floodplains that were mapped as part of a Soil Conservation Service Floodplain Management Plan in 1994. These local floodplains typically flood during the more intense summer monsoon rain events. Many structures are located in the local floodplains; however, lowest finished floor elevation of BFE +1’ is required for new homes. Sedona continues to leverage county flood control funds to design and build capital improvement drainage projects that mitigate and reduce losses.

Overall vulnerability in Sedona consists of 5,000 buildings. Essential facilities include one (1) hospital, six (6) schools, one (1) fire station, and one (1) police station. Critical infrastructure includes 17.4 miles of highway, 13 bridges, and 587.82 miles of pipes.

Yavapai-Prescott Indian Tribe - The Tribe has the largest/longest portion of Granite Creek that bisects the Reservation, should Granite Creek flood this would severely affect the Maintenance yard. The Tribe has several tributaries that bisect ingress and egress on to the Residential portion of the Reservation.

Overall vulnerability to the Yavapai-Prescott Indian Tribe consists of 4,000 buildings. Essential facilities include one (1) school, one (1) fire station and one (1) police station. Critical infrastructure includes 68.97 miles of highway, seven (7) bridges, and 204.43 miles of pipes.

Repetitive Loss Properties

Repetitive Loss (RL) properties are defined by FEMA as an NFIP-insured structure that has had at least 2 paid flood losses of more than \$1,000 each in any 10-year period since 1978¹. FEMA designates as Severe Repetitive Loss (SRL) any NFIP-insured single-family or multi-family residential building that has incurred flood-related damage for which four or more separate claims payments have been made, with the amount of each claim (including building and contents payments) exceeding \$5,000, and with the cumulative amount of such claims payments exceeding \$20,000; or for which at least two separate claims payments (building payments only) have been made under such coverage, with the cumulative amount of such claims exceeding the market value of the building². FEMA tracks statistics on RL properties, with a specific focus on identifying properties with SRL. RL properties demonstrate a track record of repeated flooding for a certain location and are one element of the vulnerability analysis. RL properties are also

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important to the NFIP, since structures that flood frequently put a strain on the National Flood Insurance Fund. The table below summarizes the RL property characteristics by jurisdiction.

Repetitive Loss Statistics as of Mar 2023 – All Residential	
Jurisdiction	No. of Properties
Camp Verde	5
Unincorporated Yavapai County	8

Figure 54 TABLE 4-8: REPETITIVE LOSS STATISTICS AS OF MAR 2023

Changes in Development in the Hazard Area

Yavapai County – Growth in Yavapai County increased by 12% over the last ten years, and by over 40% in the last twenty years. The increasing population size has resulted in steady urban development and home growth. This growth is altering the perviousness of the environment and increasing the probability and severity of flooding events. The vulnerability of the community is managed through adherence to modern building codes and observance of proper land zoning.

Camp Verde

To support a growing population, Camp Verde issued 184 commercial and residential building permits from 2019-2021. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 60-70 permits per year. The community is expanding in line with their 2021 Zoning Plan. Risk exposure associated with flooding and population growth are increasing in lock step, however; the community is engineering risk mitigation into their zoning requirements. Risk exposure is increasing with the boost in population and building inventory. The current and future development will increase the probability and severity of a flooding; however, the vulnerability of the community is not increasing.

Chino Valley

Chino Valley issued 611 commercial and residential building permits from 2019-2023. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 80-90 permits per year. Chino Valley is expanding in line with their 2022 Unified Development Ordinance. The community is engineering risk mitigation into their zoning requirements. The current and future development will increase the probability and severity of a flooding; however, the vulnerability of the community is not increasing.

Clarkdale

The community of Clarkdale averaged a steady growth of 61 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The community is expanding in line with their 2021 General Plan. Risk exposure associated with flooding is minimized by the Zoning guidance in the General Plan. The current and future development will increase the probability and severity of a flooding; however, the vulnerability of the community is not increasing.

Cottonwood

The town of Cottonwood issued over 500 commercial and residential building permits from 2018-2022. The town is continuing to grow at an estimated rate 150 to 180 permits per year. is expanding in line with Ordinance 723 (April 2023). The current and future development will increase the probability and severity of a flooding; however, the vulnerability of the community is not increasing.

Dewey-Humboldt

Growing at a rate of 5% since the 2010 census, Dewey-Humboldt issued 210 commercial and residential building permits from 2018-2022. The town is continuing to grow at an estimated rate 35 to 40 permits per year. Although the community is growing the risk remains unaffected. The current and future development will increase the probability and severity of a flooding; however, the vulnerability of the community is not increasing.

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Jerome

Jerome did not issue new building permits. There are no changes in this development area. Current and future development is limited. There are no changes in vulnerability.

Prescott

The city of Prescott averaged a steady growth of 193 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. Prescott adheres to their 2020 Zoning Plan in the identification of buildable areas. The current and future development will increase the probability and severity of a flooding; however, the vulnerability of the community is not increasing.

Prescott Valley

The city of Prescott Valley averaged a steady growth of 558 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. Prescott Valley adheres to their 2022 Zoning Plan in the development of new areas. The current and future development will increase the probability and severity of a flooding; however, the vulnerability of the community is not increasing.

Sedona

The city of Sedona issued an average of 63 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The community is expanding in line with their Ordinance #2018-12. The current and future development will increase the probability and severity of a flooding; however, the vulnerability of the community is not increasing.

Yavapai Prescott Indian Tribe

There are no changes in this development area. Current and future development is limited. The Tribe has not issued any building permits over the past five years. They have increased the volume of commercial traffic and visitors to tribal owned/leased facilities, but overall vulnerability has not increased or decreased.

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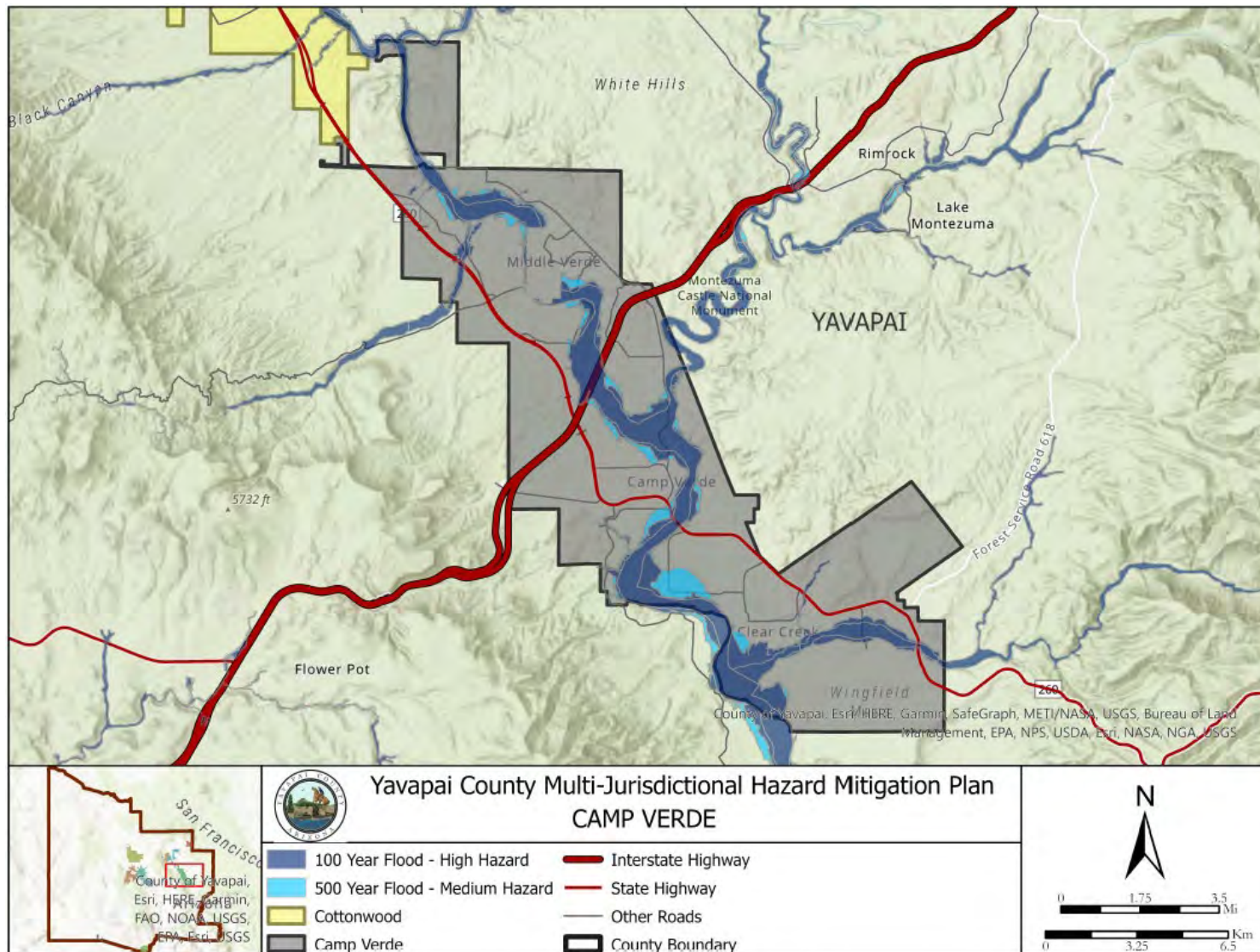
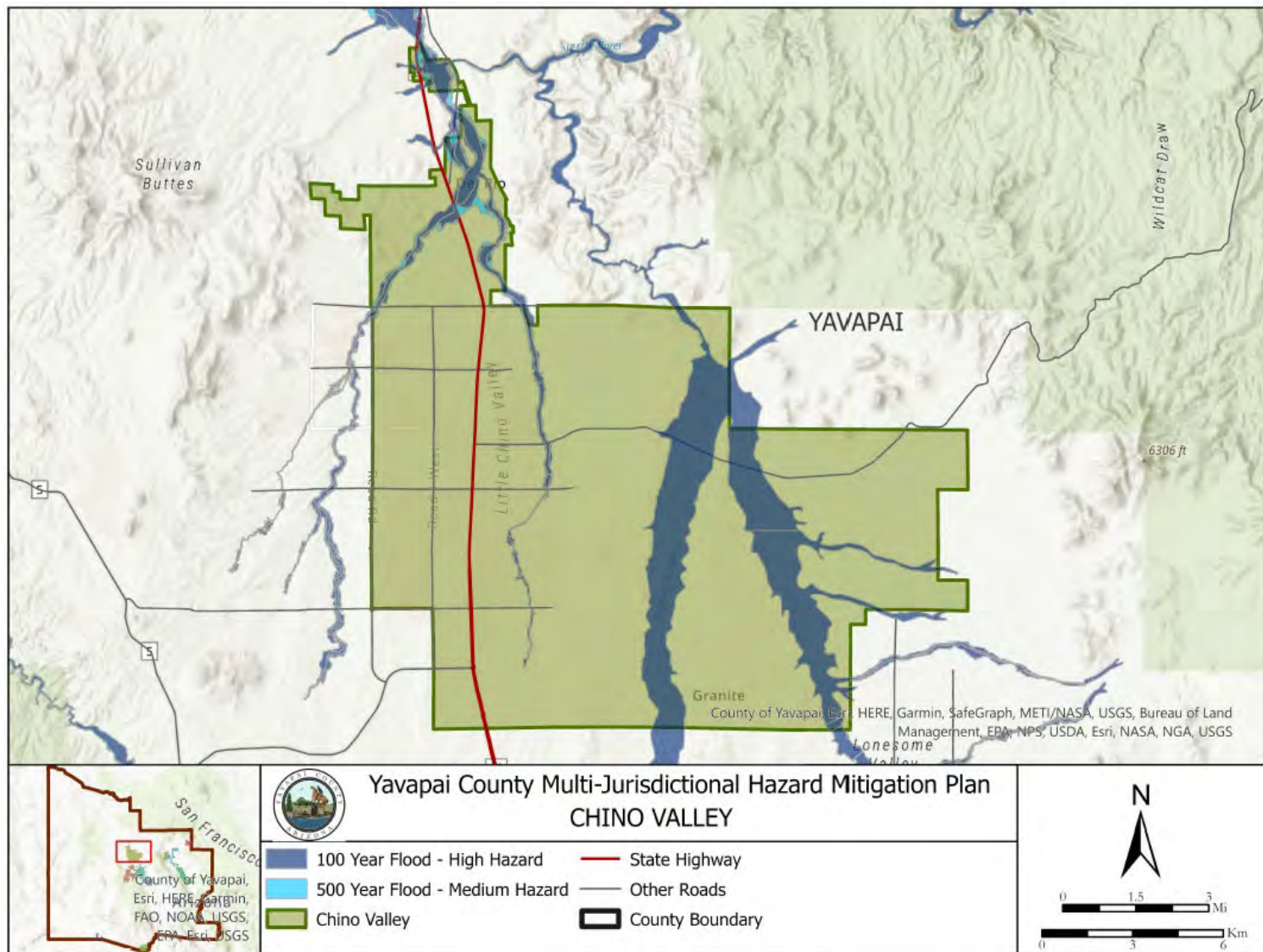


Figure 55 Map 4-14 Camp Verde Flood Probability

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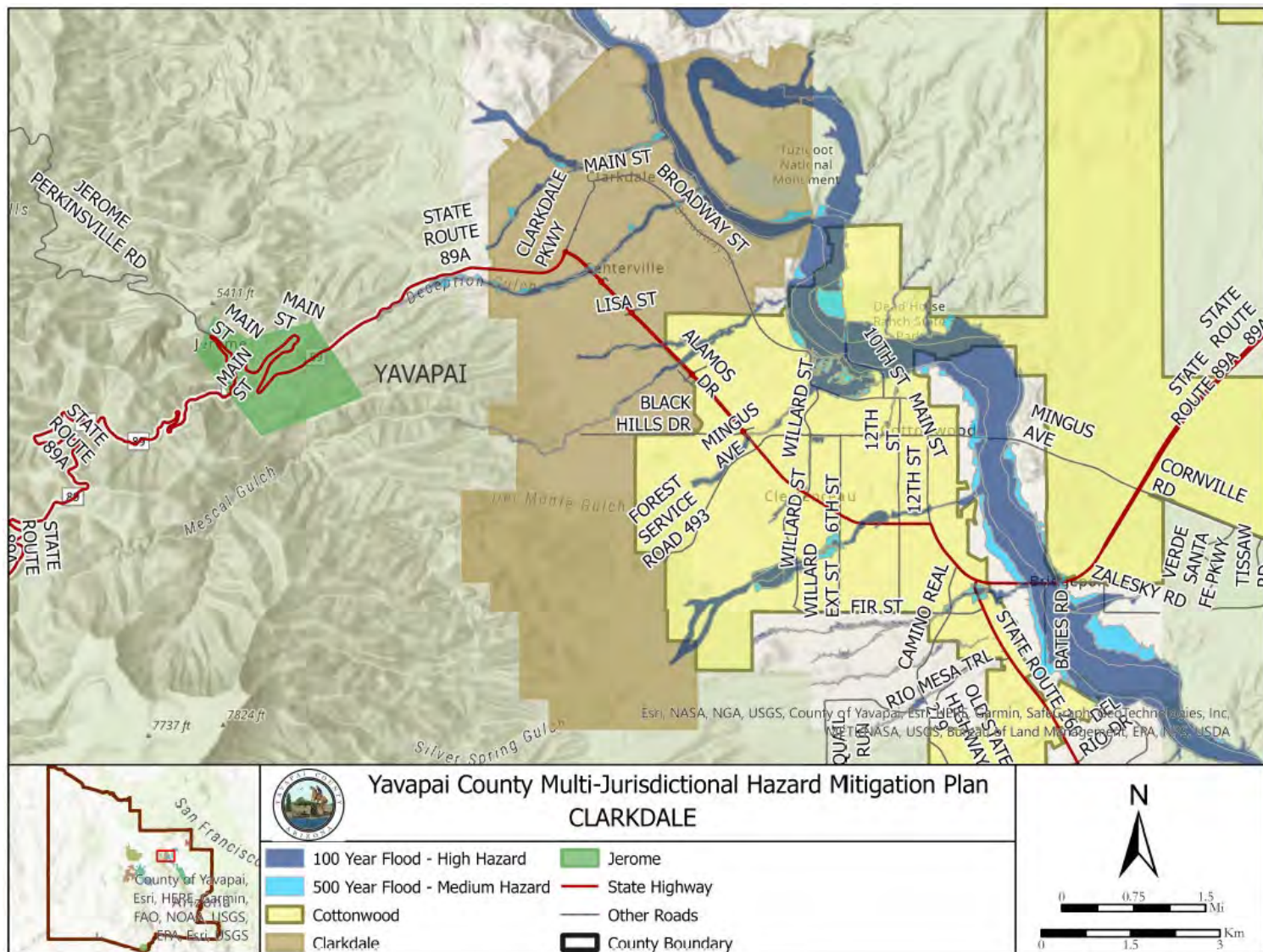


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April 23, 2023

Figure 56 Map 4-15 Chino Valley Flood Probability

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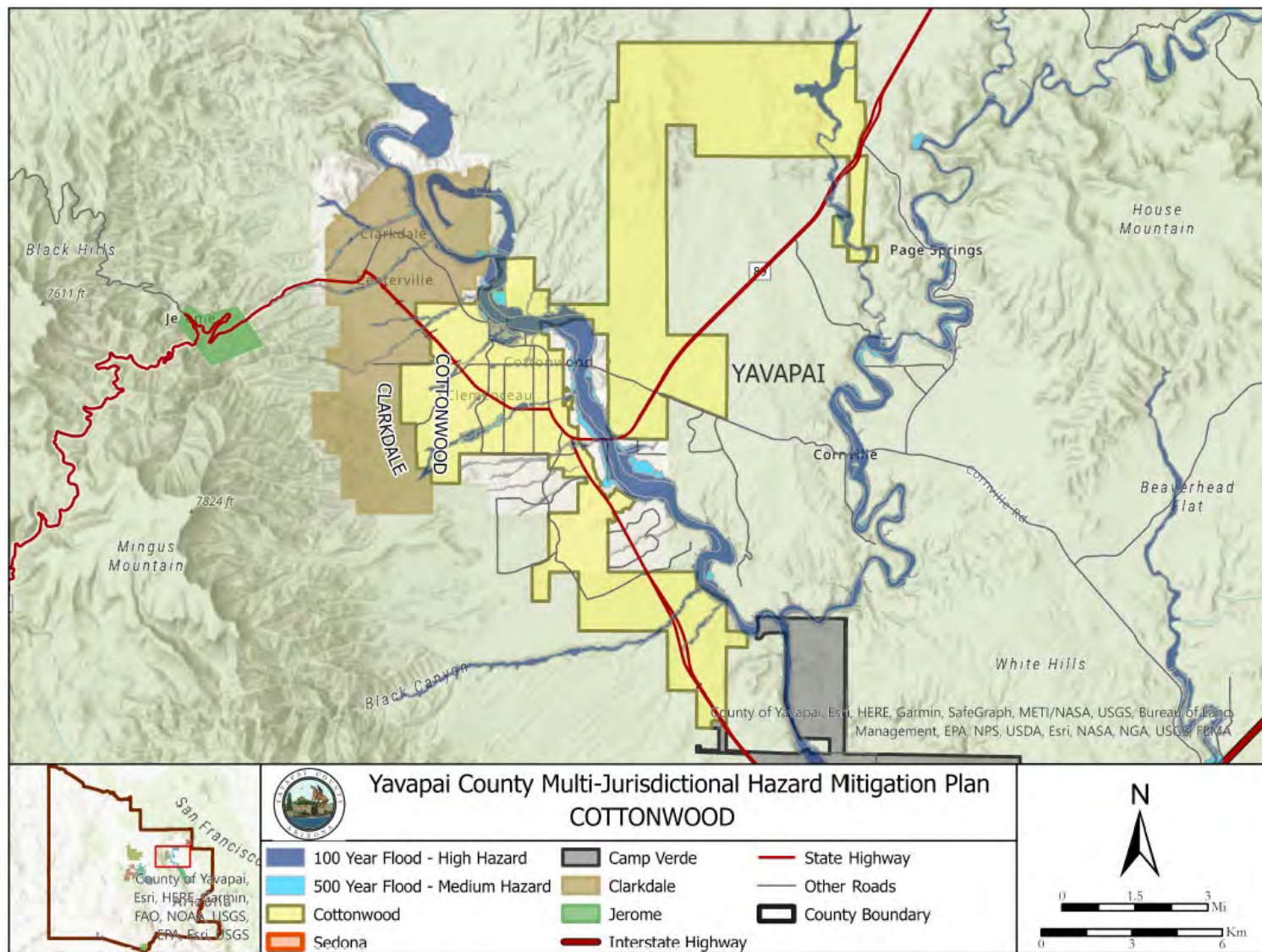


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Figure 57 Map 4-16 Clarkdale Flood Probability

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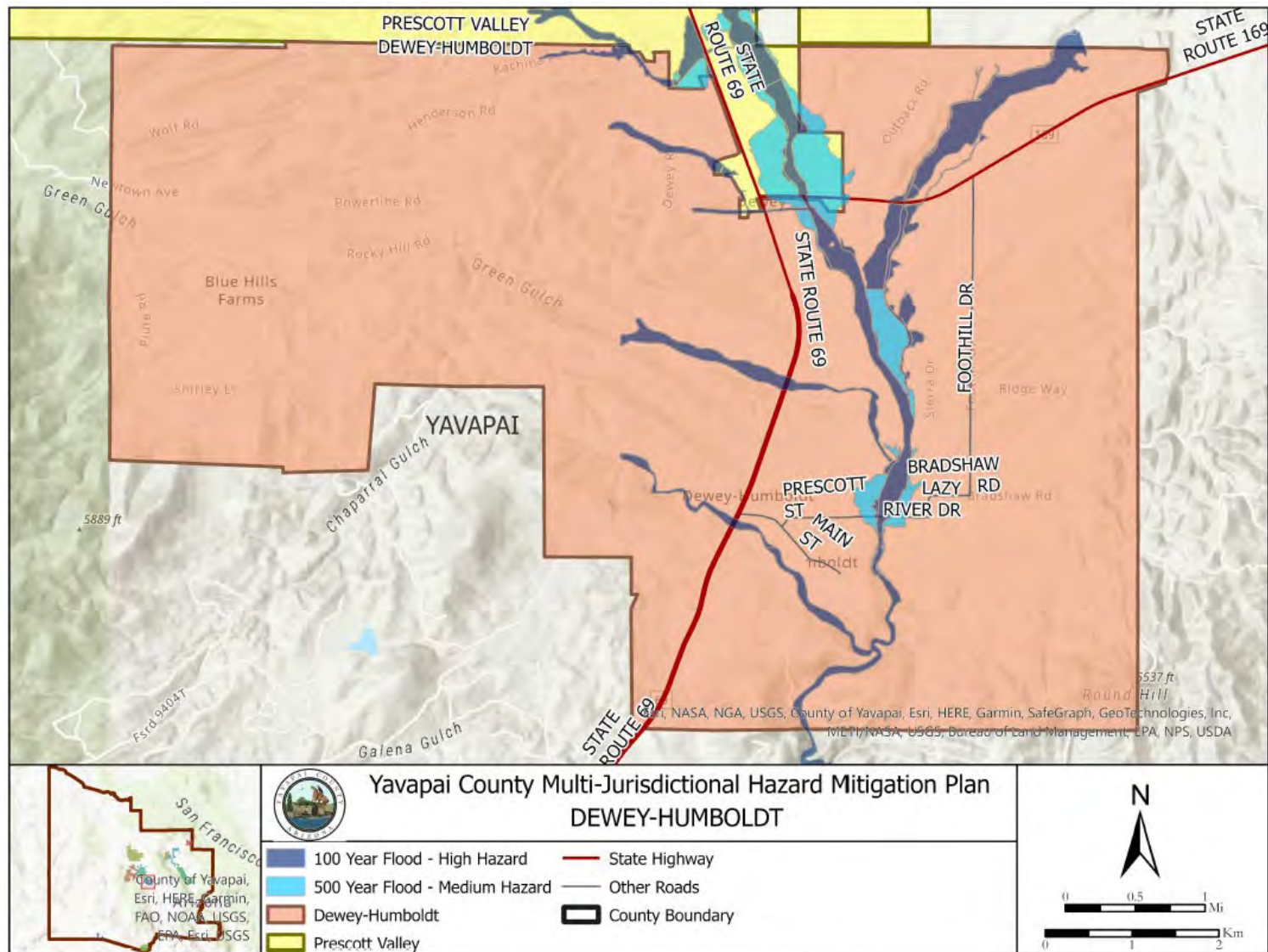


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Figure 58 Map 4-17 Cottonwood Flood Probability

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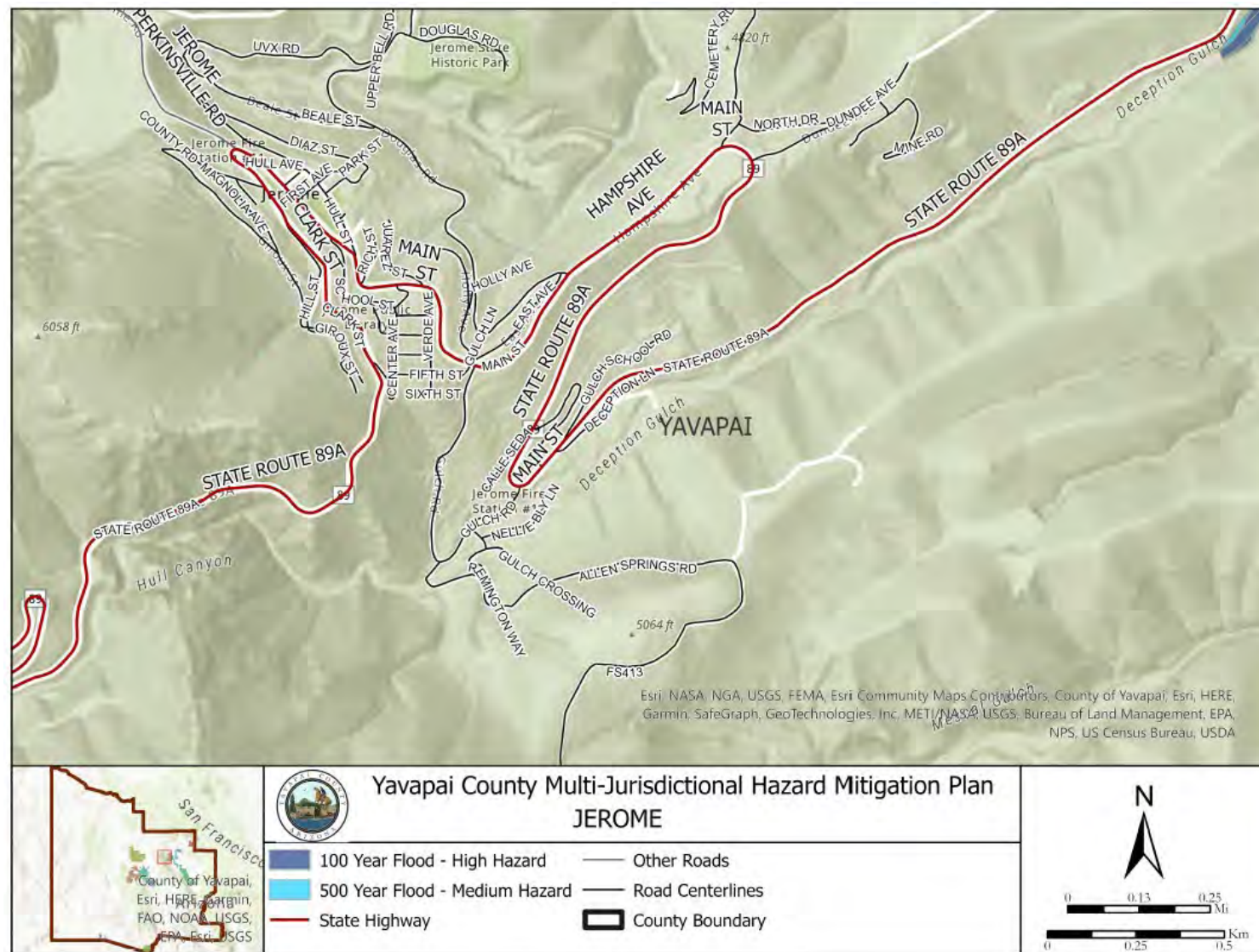


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Figure 59 Map 4-18 Dewey Humboldt Flood Probability

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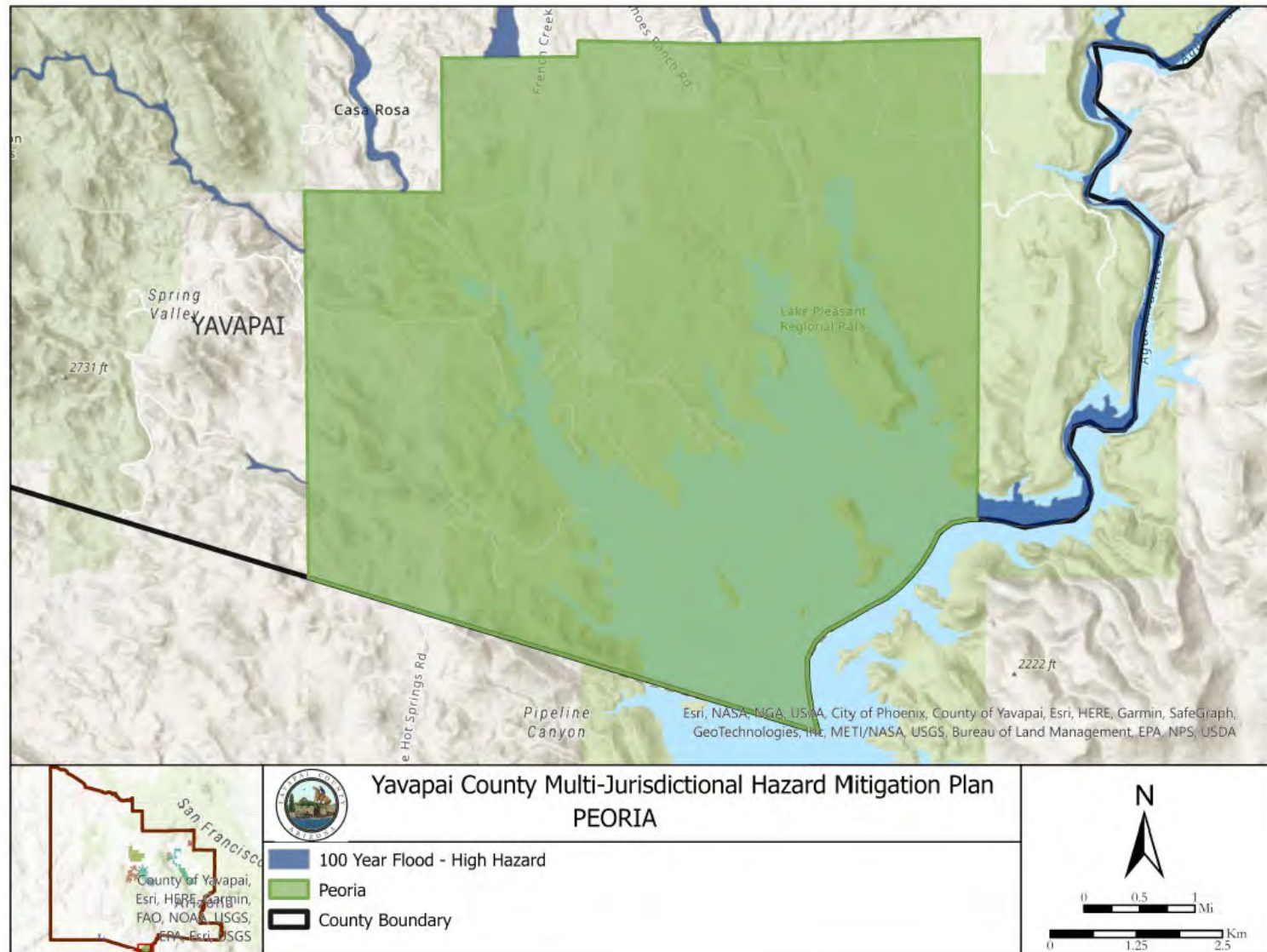


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Figure 60 Map 4-19 Jerome Flood Probability

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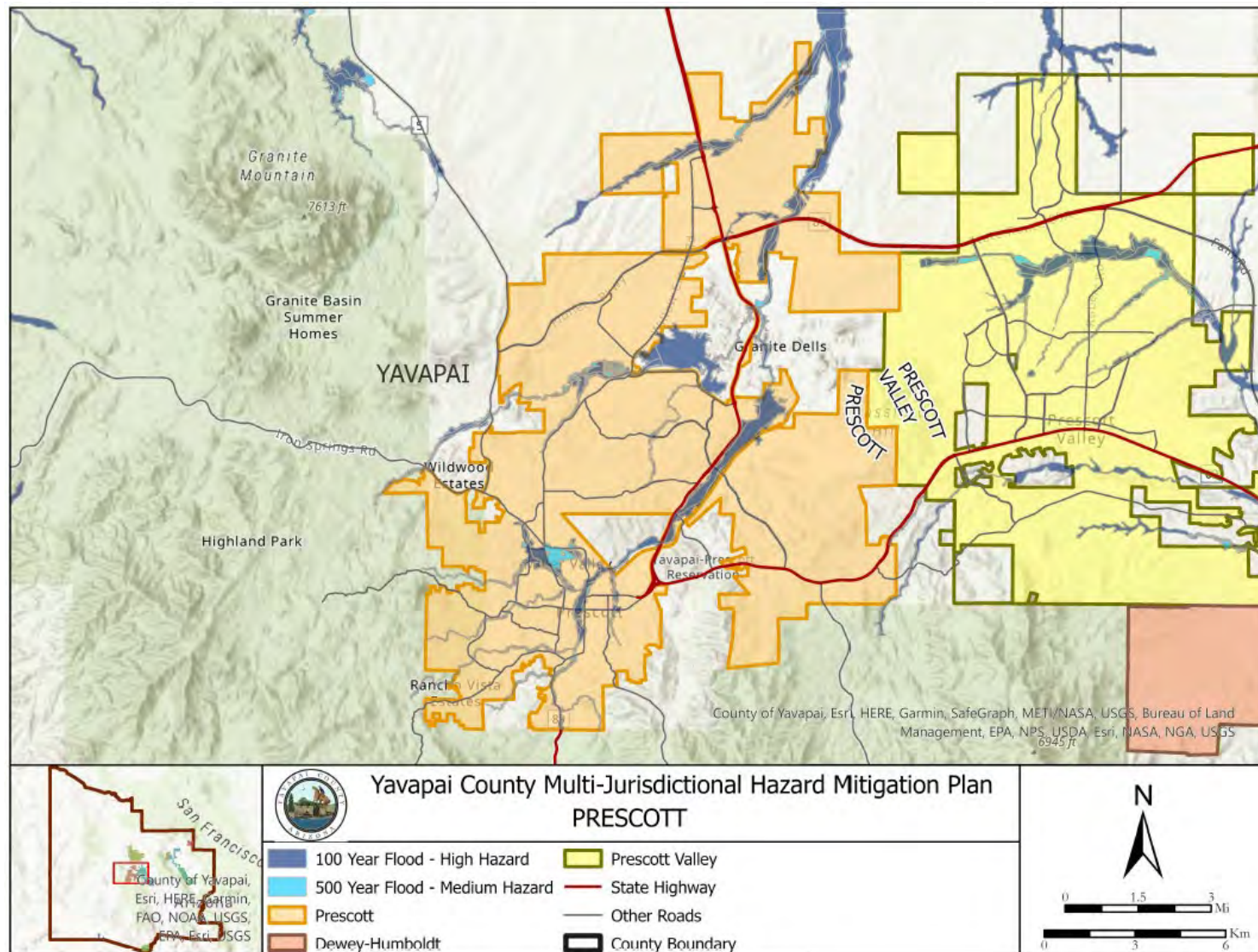


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Figure 61 Map 4-20 Peoria Flood Probability

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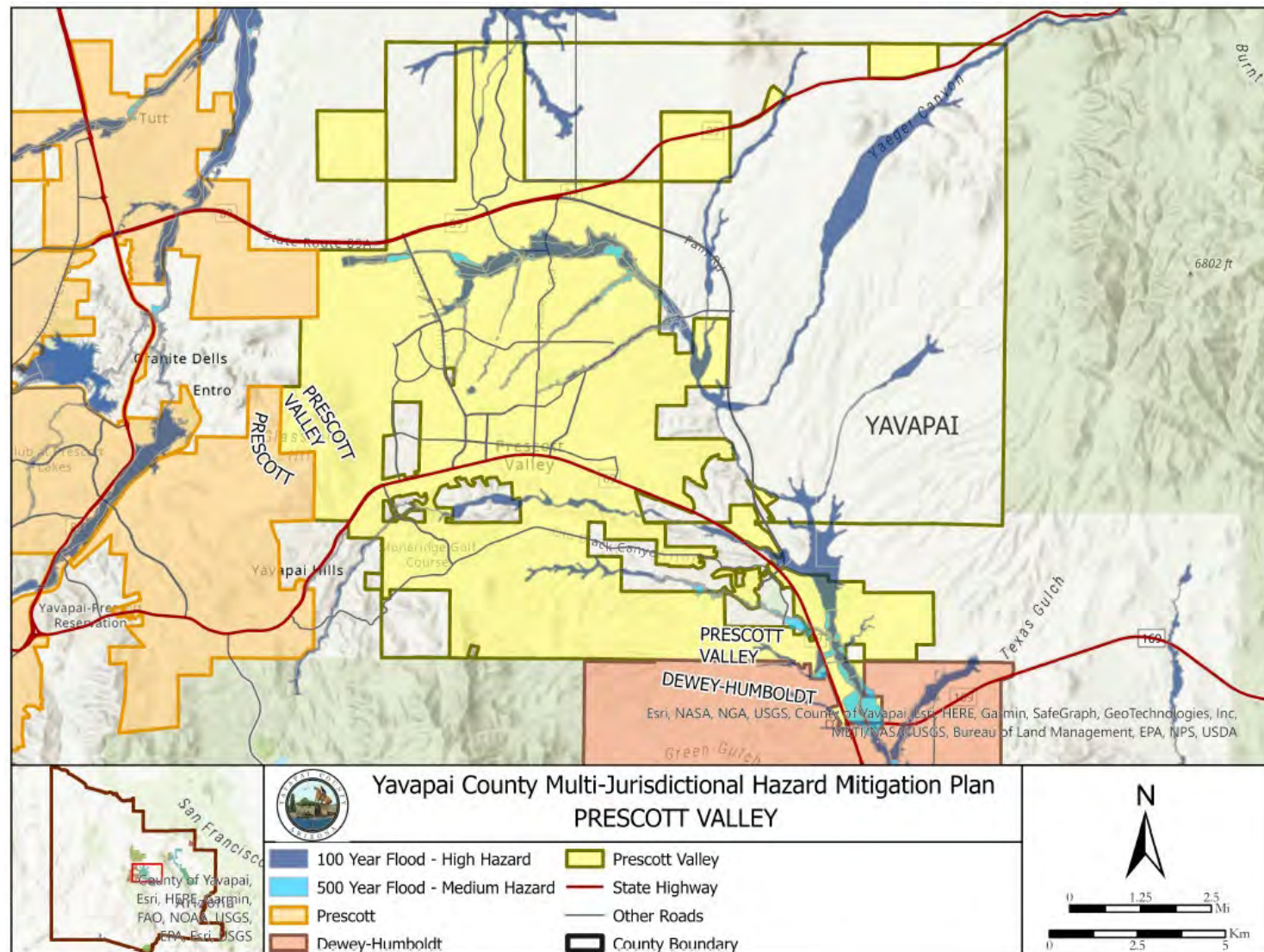


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Figure 62 Map 4-21 Prescott Flood Probability

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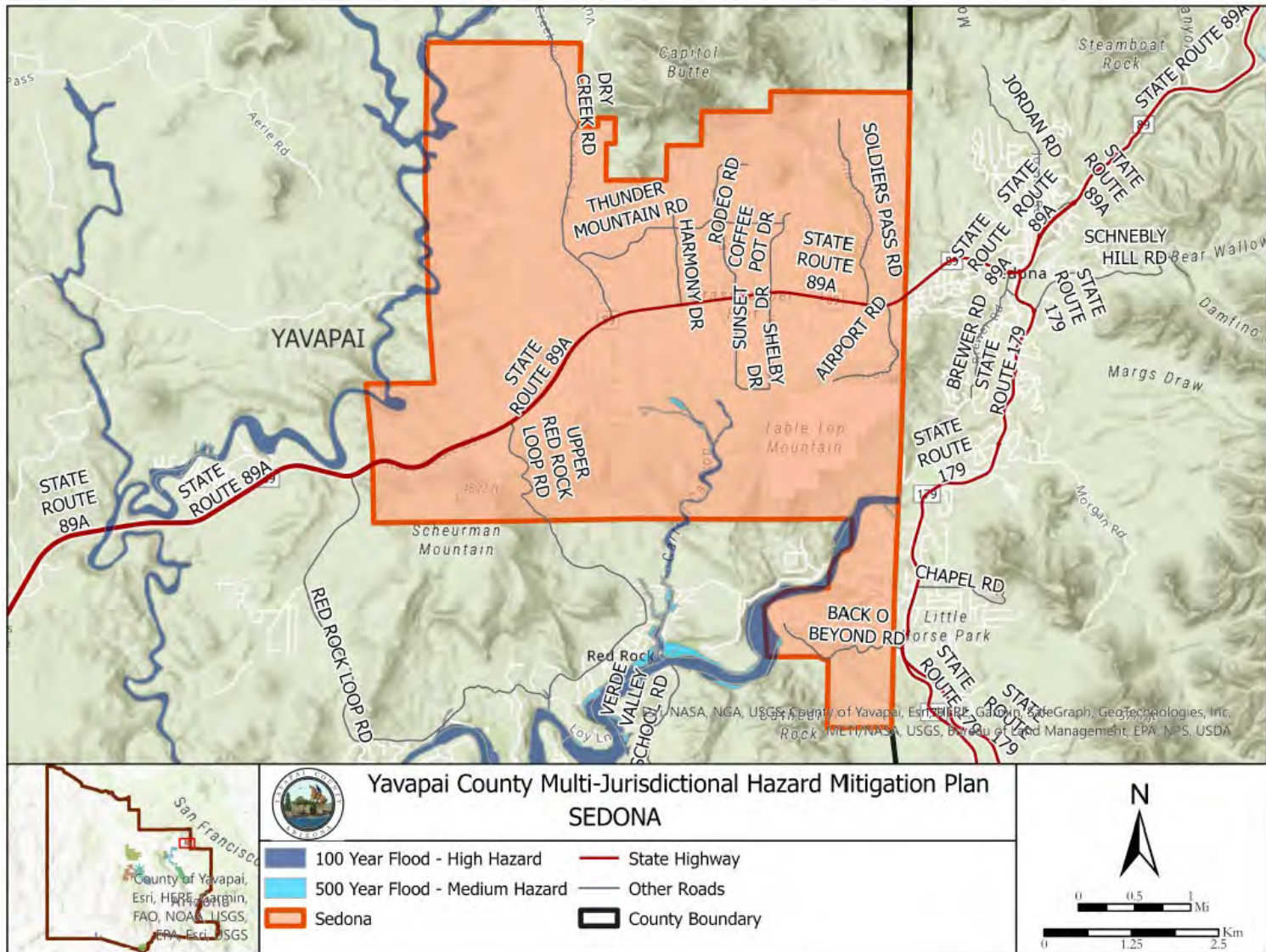


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Figure 63 Map 4-22 Prescott Valley Flood Probability

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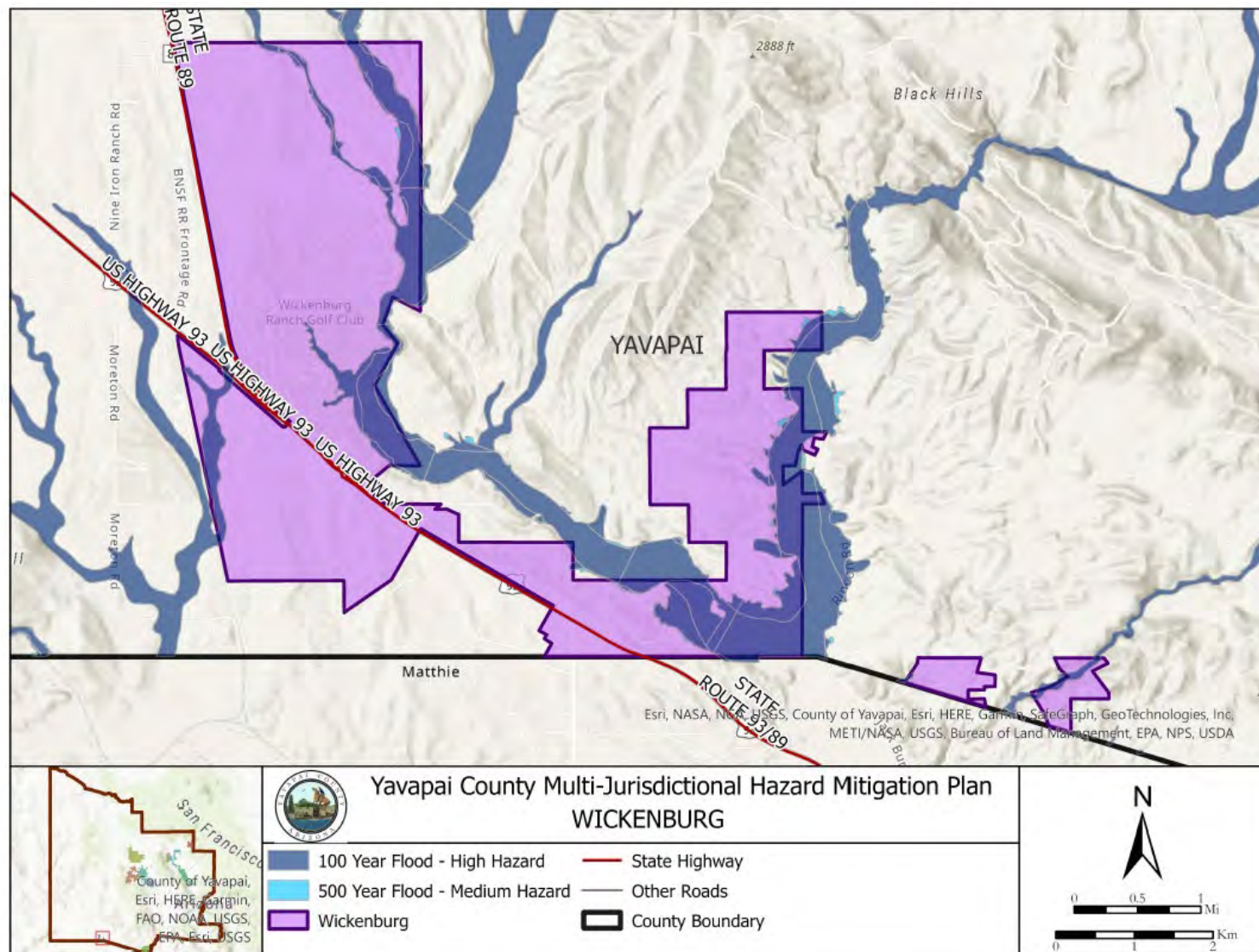


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Figure 64 Map 4-23 Sedona Flood Probability

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Figure 65 Map 4-23 Wickenburg Flood Probability

4.4.3 Landslide/Mudslide

Description

Landslide is the generic term used to describe the down slope movement of earth materials due to gravity. Landslides may be triggered by earthquakes, extreme precipitation, flooding, or otherwise removing support from the slope. There are several different types of landslides that are categorized by the depth of failure, the type of material moved, the water content, and rate of movement (see below). Landslides may also cause flooding, either by displacing great volumes of water with surficial materials, or by damming a stream until it breaches and floods. Typical types of landslides are illustrated below. Diagrams A, B, C, D, E, F, and I are typical of the Transition Zone in which Yavapai County is mostly situated.

Many areas of Yavapai County are susceptible to various types of rock falls, landslides, and debris flows that can occur along steep mountain slopes, canyons, and along road cuts. Extreme precipitation, freeze/thaw, and snowmelt are the primary triggers, but post wildfire conditions also significantly increase the risk of debris flows and slope failures.

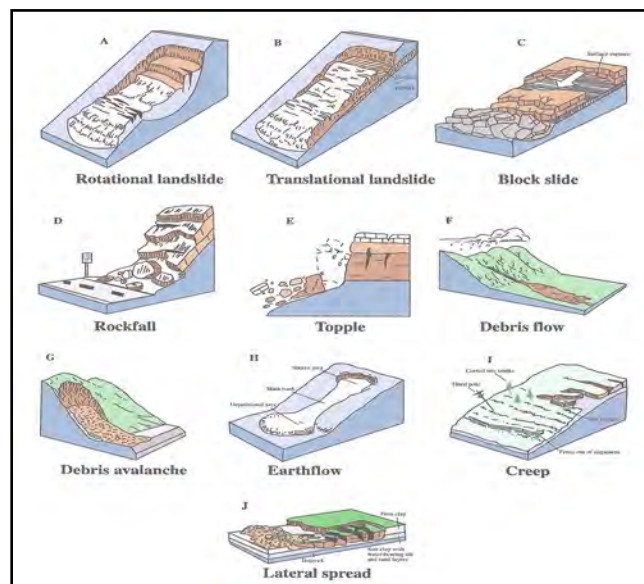


Figure 66 Figure 4-1 Landslide Types

Historical Hazard Information

The Town of Jerome, which is constructed on the steep slopes of Cleopatra Hill, presents the most prominent history of landslide activity and damages for Yavapai County. The following is an excerpt from a summary of the Jerome landslide history that was provided by the Town (author unknown):

In the first half of this century, Jerome was a town on the move, literally. Perched precariously on the side of Cleopatra Hill with mining occurring directly underneath, Jerome was asking for trouble. Maybe the ground movement was Mother Nature's way of reminding people who were in charge.

Jerome reached a peak population of about 15,000 people in the late 1920's. Two major mines, the United Verde and the United Verde Extension (UVX) kept the economy booming. Main and Hull Streets were lined with businesses. However, the Great Depression reversed this prosperity. Most of the miners lost their jobs and businesses closed. It was during this era of economic hardship when the town's buildings began to show the most damage from earth movement.

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Slides have been a persistent problem throughout Jerome's history. Harry Dicus testified: "I built seven or eight houses, businesses, and residences on the hill slopes, several of which were constructed before UVX started operations [in 1914]. They would not stand up. I had to jack up the building because they would get out of level, especially if they were not on bed rock." (Small vs. UVX)

The sliding jail was the only building severely damaged by the earth movement which still stands. The concrete structure pulled apart from the wooden structure, to which it was attached, and slowly began creeping across the road. The jail eventually came to rest 225 feet from its original location. After the sliding stopped, the jail was preserved as a lasting monument to this era in Jerome's history.



Before

After

Many times, the human error element relates to engineering and engineering systems that are important in determining human-caused disasters. The lower parking lot in Jerome subsided in 2016 due to human error in development of this parcel of land as fill was placed on top of the existing land without being compacted. Although this is not a natural occurrence, the landslide was a direct result of human error and should be a consideration when developing areas with extreme slope. To identify potential human errors that may be overlooked by the more traditional hazard evaluation techniques, a process hazard evaluation technique for procedures is clearly needed. We have found that a "what-if" analysis structured to address procedures can be used effectively for this purpose. The parking lot was addressed with proper grading and fill to correct the problem.



Before

After

Other historic landslides in Yavapai County are mostly related to incidents reported along highways.

History of Events

- Mar 21, 2023, A small rockslide closed SR 89A between Flagstaff and Sedona. The slide was caused by heavy rain and erosion.
- July 15, 2022, Demonstrating the hazard created by fire and the resultant hydrophobic soil, a large mudflow occurred in the burnt areas of the Pipeline Fire moving debris and large boulders down an alluvial fan.
- July 30, 2016, A small landslide came down onto the Old Jerome Highway due to heavy rainfall. The road in this area would wash out frequently, but past mitigation efforts cemented the crossing area to prevent this.

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In the event of a slide, it is blocked until the City of Clarkdale can remove the debris. The road was also closed the following two days due to heavy rains.

- January 2014, moisture due to heavy precipitation along a rock outcropping on Senator Highway froze expanding the rock face creating a landslide, which cut off residents' south of the landslide. High explosives were used to clear the fallen rocks and open the road.
- July 2013, post fire flooding on the Gladiator burn scar removed millions of tons of material off Lincoln Ridge creating landslides of granular granite material closing Crown King Road. In addition, the scouring effect dislodged huge boulders that bifurcated Crown King Rd effectively cutting off the only access to the mountain community of Crown King. One family was trapped in their automobile, which was extricated from the debris flow.



- September 1936, the rate of movement accelerated, a sidewalk suddenly parted company with the building it paralleled, in a trice it was six feet away, and more than four feet lower. A theater and several other buildings showed huge cracks as the irresistible force of gravity exerted itself on the 45% diagonal, and it was necessary for authorities to condemn them and tear them down. (AZ Republic, Dec 1936) Buildings began cracking and became unstable. The Kovacovich Building's back fell out and then collapsed without warning one week later. The Post Office, Miller Building, Kelly's Garage, and the JC Penny Building all sank forcing them to be abandoned and eventually demolished. The Boyd Hotel and a nearby drugstore were spared through extensive repair work. The water, sewer, and fire lines underneath the town were also severely damaged and needed repairs costing the Town an estimated \$134,871 (approximately \$2.1M in 2010 dollars).
- 1926, the first significant slide happened when the Episcopal Church, located uphill from the Catholic Church, became unstable. The oldest church in Town, built in 1896 by the Baptists and later sold to the Episcopalians, moved three feet off its base. The church was demolished and replaced with the new Episcopal Church, now the History Center. The next noticeable ground movement occurred in 1927 when the south wing of the United Verde Clubhouse had to be destroyed. This structure, originally built as the third United Verde Hospital was found to sit directly on the Verde Fault.
- 1924, the first noticeable ground movement on Main and Hull Streets began. The buildings in a three-acre zone from Main Street near the Boyd Hotel down through Hull Street to just below Rich Street became unstable and had to be razed. The destruction from this slide is still very noticeable today. The parking lot on Main Street between First Street and what is now Made in Jerome Pottery was once crowded with buildings. The parking lot and park directly below this on Hull Street was also filled with structures including the Sliding Jail. All these buildings suffered damage in 1936-37 when the land abruptly moved. Although this disaster may have increased the parking in Jerome, it was severe blow to a town already reeling from the Great Depression.

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Extent

Probability and magnitude statistics have not been developed for landslide hazards in Arizona. Landslide potential for Yavapai County varies in size and frequency and can range from small, nuisance events (minor shallow landslides, rock falls) along roads or uninhabited areas, to large, fast moving, destructive debris flows (commonly referred to as mudslides), with varying effects depending on location. Areas with the highest probability of landslides are highway corridors with deep cuts through hillsides, developments on steep hillsides, and areas downstream of wildfire burn areas.

Landslides in Yavapai County and in the Yavapai-Prescott Indian Tribe areas are for the most part unlikely-- Jerome, Clarkdale, and Dewey-Humboldt present a likely probability, and the remainder of the county is negligible. Although the County is in a transition zone, the mitigation projects completed have lowered the extent of the damage that will occur. There is no real scale to determine the intensity of a landslide, so it defaults back to damage in dollars and lives lost, as well as the area affected. In the last decade, the landslides occurring have all been on a small scale, not affecting much property or square footage. Table 4-8 provides an assessment of the probability.

Probability of Future Hazard Events

Climate change is a contributing factor to the probability of future landslides. It is altering the frequency of natural hazards. Climate change can lead to more frequent and intense rainfall events. Heavy rainfall saturates the soil, reducing its stability and increasing the likelihood of landslides. The excess water adds weight to the slope, reducing its shear strength and triggering slope failures. It can also alter precipitation patterns, including shifts in the timing, duration, and intensity of rainfall. Unusual or prolonged wet periods followed by dry spells can create conditions conducive to landslides. When rain alternates with dry periods, the soil may undergo cycles of expansion and contraction, increasing the potential for slope failure. Additionally, climate change is altering the duration of the fire season which compounds the probability and intensity of landslides and mudslides especially in areas that experience burn activity.

Yavapai County will continue to suffer the ill-effects of landslides for the foreseeable future. Typical landslides areas (likely probability) include sections of Route 89 and 89A where steep embankments cut through the surrounding mountains. Jerome with its limited routes of entry and egress as well as its steep terrain is particularly vulnerable to this hazard as well as portions of Dewey-Humboldt. Climate change will increase the probabilities of a landslide in these areas. Additional areas prone (i.e., likely probability) to landslide are outlined in Map 4-14.

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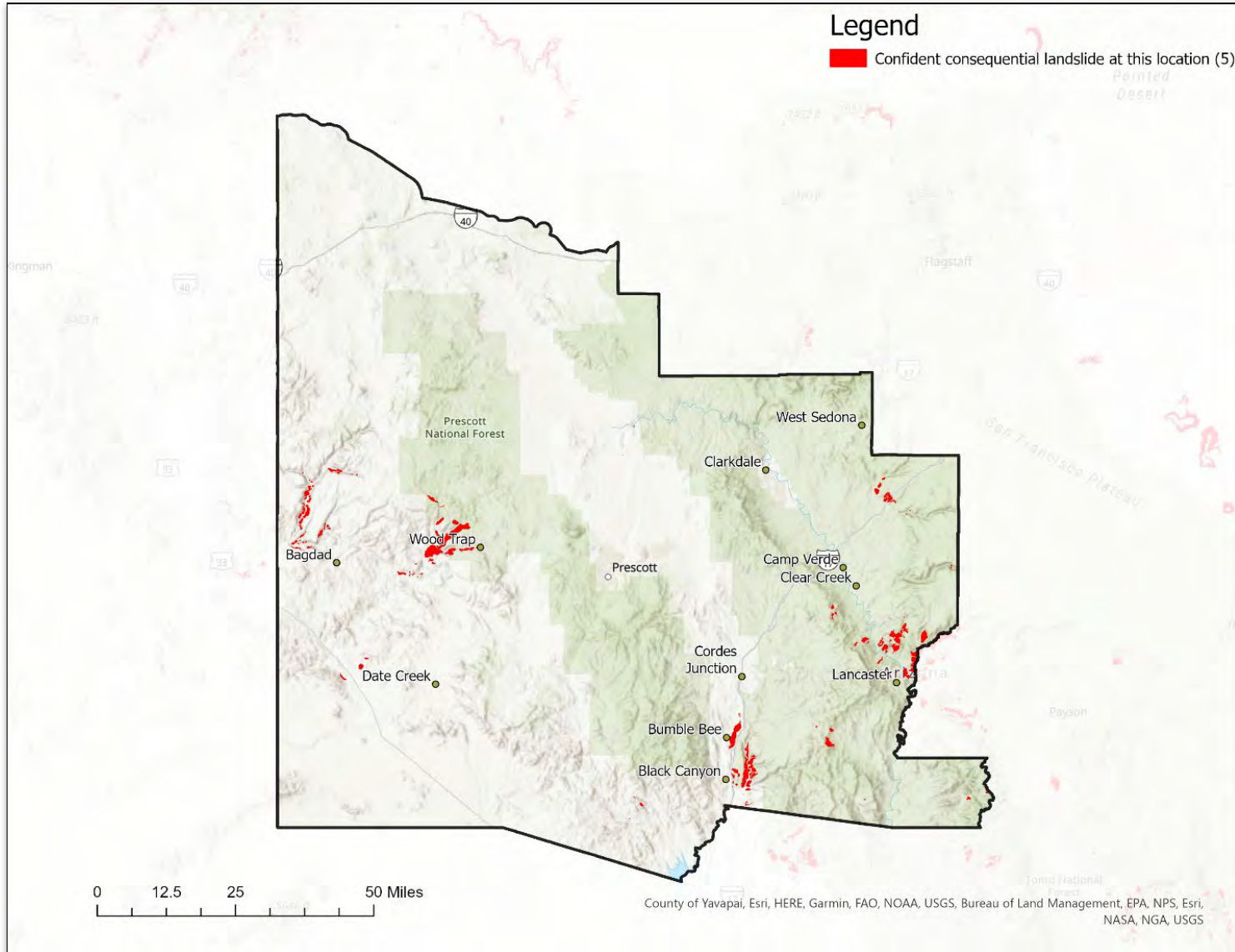


Figure 67: Landslide Areas within Yavapai County

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Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	Rating
Camp Verde	Unlikely	Limited	< 6 hours	< 24 hours	1.85
Chino Valley	Unlikely	Negligible	< 6 hours	< 6 hours	1.45
Clarkdale	Likely	Negligible	< 6 hours	< 24 hours	2.35
Cottonwood	Unlikely	Negligible	12-24 hours	< 24 hours	1.25
Dewey-Humboldt	Likely	Limited	< 6 hours	< 6 hours	2.65
Jerome	Likely	Critical	< 6 hours	< 6 hours	2.95
Prescott	Possible	Negligible	12-24 hours	< 24 hours	1.70
Prescott Valley	Possible	Limited	< 6 hours	< 6 hours	2.20
Sedona	Possible	Negligible	< 6 hours	< 24 hours	2.00
Unincorporated Yavapai County	Possible	Negligible	< 6 hours	< 1 week	2.10
Yavapai-Prescott Indian Tribe	Possible	Negligible	< 6 hours	< 1 week	2.10

Figure 68 Table 4-9: Landslide/Mudslide CPRI Rating

Vulnerability

Critical facilities most vulnerable to landslides/mudslides are the roadways, bridges, and culverts along known debris flow areas and hillside cuts. Facilities located downhill of intensely burned wildfire areas are also at an elevated risk to debris flows and mudslides. Underground utility lines are also vulnerable to landslides.

Losses are difficult to estimate given a lack of accepted standards, however, the County and some communities have spent significant time and money removing and repairing landslide/mudslide related damages along the state highways especially following heavy precipitation events and post-wildfire debris flows. For the period of 1978-1985, 17 landslide incidents were cataloged by the Arizona Department of Transportation (ADOT) with repair costs ranging from \$1,000-\$150,000 adjusted to 2023 values that is \$4,61-\$691,500 (see Table 4-10). Eleven of these events are considered minor with repair costs of less than \$1,500 each. Comparatively, the damages experienced in Jerome in the 1920's and 1930's were equivalent to approximately \$2.9M in 2023 dollars. Accordingly, losses associated with landslides/mudslides are highly variable and difficult to predict.

Loss Estimates from 1978 - 1985 ¹				
EVENT	DATE	TYPE OF SLIDE	COST (Not adjusted)	
YP 1	1978-1983	Earth Slump	\$20,000.00	
YP 2	1979	Rockslide	Not available	
YP 3	1983	Debris Flow	Not available	
YP 4	1980	Earth Slump	\$100,000.00	
YP 5	1978	Rock Fall	\$150,000.00	
YP 6	1984	Earth Slump	\$100,000.00	
YP 7	1985	Slide Removal	\$1,197.00	
YP 8	1985	Slide Removal	\$1,063.00	
YP 9	1985	Slide Removal	\$1,213.00	
YP 10	1984	Slide Removal	\$1,082.00	
YP 11	1984	Slide Removal	\$1,198.00	
YP 12	1985	Slide Removal	\$1,394.00	
YP 13	1981	Slide Removal	\$1,097.00	
YP 14	1981	Slide Removal	\$1,057.00	
YP 15	1983	Slide Removal	\$1,164.00	
YP 16	1983	Slide Removal	\$1,055.00	
YP 17	1983	Slide Removal	\$1,226.00	

Figure 69 Table 4-10 ADOT Loss Estimates

¹ Realmuto, V.J. (1985). *Preliminary Map of Selected Mass-Movement Events in Arizona*. Retrieved 18 May 2023 from <https://hdl.handle.net/10150/630999>

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Unincorporated County – Landslides occur frequently in Yavapai County due to the radical inclines in elevation. Primary routes and mountain passes are susceptible to closure due to landslides. Impacts include transportation routes used for emergency services, local residential access, and commerce along State Highway 89, 89A, and County maintained roads of Crown King Rd, Senator Highway, County Roads 10, 15, Copper Basin, Iron Springs, and numerous Prescott National Forest Roads.

In 2012, post Gladiator Wildfire, heavy localized rain led to flash flooding and landslides along Lincoln Ridge along Crown King Road. The road was cut in four locations effectively isolating the mountain community of Crown King. In the winter of 2013, Senator Highway was cut off due to a landslide along the Hassayampa.



Figure 70 Photo of Jerome Landslide Related Damage

Camp Verde – There is some potential for disruption to travel within the boundaries of the municipality of Camp Verde. However, there are very limited spots where this event could occur due to the topographical nature of the location of roadways. There is perhaps a higher potential for impact with the possibility of major events occurring on Hwy 260 to the east and to Hwy 17 south. The topography lends itself to slides southeast towards the access roadways to the Verde Valley. Major slides could potentially restrict and/or delay the delivery of goods and services to the municipalities within the Verde Valley.

Chino Valley – It is highly unlikely for this type of vulnerability to exist in this jurisdiction.

Clarkdale – Many areas of Clarkdale are susceptible to various types of rock falls, landslides, and debris flows that can occur along steep mountain slopes, canyons, and along road cuts coming from Jerome. Extreme precipitation and snowmelt are the primary triggers. Although landslides are possible in Clarkdale, property damage would probably be negligible as most of the damage would be due to inundated washes, culverts, and road cut infrastructure.

Cottonwood – Due to topography, Cottonwood has very limited exposure to these events.

Dewey-Humboldt – The community would only be susceptible to this during post wildland fire flooding. Residential areas adjacent to the town are in the wildland urban interface and are on slopes conducive to moderate landslide activity. This hazard would be enhanced through increased hydrological flows as a transport media. The areas associated with slope and potential landslides are along Hwy 169 and outlying residential areas.

Jerome – Many landslides have occurred in the past cutting off SR 89A, which has put Jerome in a state of isolation for lengthy periods. The Town's utilities are also at stake; the water tanks are the only water supply and in the event of telephone system failure, Jerome's backup communications capability is nearly nonexistent. Power failure could also be a result of landslides placing the Town in extreme peril considering our location and possible transportation/evacuation routes being blocked. Given the extensive mining operations that have taken place here, landslides are highly probable and could cause disastrous results.

Prescott – The City has a varied and unique topography that renders it susceptible to a landslide/mudslide event. There are several million-dollar homes scattered throughout the community that are built on and into the hillsides overlooking the Town. Although there is limited history as it relates to such events occurring, the hazards remain. Commercial properties are better insulated against such events; however, there are some businesses that may still be susceptible.

Prescott Valley - There is really nothing that creates landslide/mudslide vulnerability to this jurisdiction.

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Sedona – Sedona has some steep terrain, but the bedrock and soil types are not conducive to landslides and mudslides. When they do occur, the most likely area is in Oak Creek Canyon. Burn areas increase the likelihood of mudslides in the Sedona region.

Yavapai-Prescott Indian Tribe – The tribe has numerous buildings located on steep hills/ cliffs. Over the past ten years, the tribe completed repairs and stabilizations to several commercial structures in vulnerable areas which decreased the vulnerability of the buildings and increased the resilience of the community.

Changes in Development in the Hazard Area

In many of the communities within Yavapai County, development of hillside areas is both popular and sometimes necessary, as are hillside cuts that are required as a part of roadway improvements. Areas of greater slope will also be areas of greatest risk to landslides. Adequate geologic investigations should be made for any improvements involving construction on hillsides, creation of large hillside cuts, or both.

Camp Verde – There are limited, current and potential, changes in the development area which decreases the vulnerability, probability, and severity of landslides.

Chino Valley – There are limited, current and potential, changes in the development area which decreases the vulnerability, probability, and severity of landslides.

Clarkdale – There are limited, current and potential, changes in the development area which decreases the vulnerability, probability, and severity of landslides.

Cottonwood – There are limited, current and potential, changes in the development area which decreases the vulnerability, probability, and severity of landslides.

Dewey-Humboldt – There are limited, current and potential, changes in the development area which decreases the vulnerability, probability, and severity of landslides.

Jerome – This community has witnessed limited growth over the past ten years and although the risk and vulnerability associated with landslides remain high, it is not increased from development in the hazard area.

Prescott – The residents and new homebuyer's that flock to Prescott actively take advantage of the steep hillsides to build homes with breathtaking views. These new homes are built within the hazard area increasing the overall severity and vulnerability potential of the hazard.

Prescott Valley -- There is really nothing that creates landslide/mudslide vulnerability to this jurisdiction.

Sedona – There are limited, current and potential, changes in the development area which decreases the vulnerability, probability, and severity of landslides.

Yavapai-Prescott Indian Tribe -- There are no changes in this development area. Current and future development is limited. The Tribe has not issued any building permits over the past five years. They have increased the volume of commercial traffic and visitors to tribal owned/leased facilities, but overall vulnerability has not increased or decreased.

4.4.4 Severe Wind

Description

The hazard of severe wind encompasses all climatic events that produce damaging winds. For Yavapai County and the Yavapai-Prescott Indian Tribe, severe winds typically result either from extreme pressure gradients that normally occur in the spring and early summer months, or from thunderstorms. Thunderstorms can occur year-round and are usually associated with cold fronts in the winter, monsoon activity in the summer, and tropical storm remnants in the late summer or early fall.

Three types of damaging wind related features typically accompany a thunderstorm: 1) downbursts, 2) straight line winds, and infrequently, 3) tornadoes.

Downbursts are columns of air moving rapidly downward through a thunderstorm. When the air reaches the ground, it spreads out in all directions, creating horizontal wind gusts of 80 mph or higher. Downburst winds have been measured as high as 140 mph. Some of the air curls back upward with the potential to generate a new thunderstorm cell. Downbursts are called macrobursts when the diameter is greater than 2.5 miles, and microbursts when the diameter is 2.5 miles or less. They can be either dry or wet downbursts, where the wet downburst contains precipitation that continues all the way down to the ground, while the precipitation in a dry downburst evaporates on the way to the ground, decreasing the air temperature and increasing the air speed. In a microburst the wind speeds are highest near the location where the downdraft reached the surface and are reduced as they move outward due to the friction of objects at the surface. Typical damage from downbursts includes uprooted trees, downed power lines, mobile homes knocked off their foundations, block walls and fences blown down, and porches and awnings blown off homes.

Straight-line winds are developed similar to downbursts but are usually sustained for greater periods as thunderstorms reach the mature stage, traveling parallel to the ground surface at speeds of 75 mph or higher. These winds are frequently responsible for generating dust storms and sandstorms, reducing visibility, and creating hazardous driving conditions.

A tornado is a rapidly rotating funnel (or vortex) of air that extends toward the ground from a cumulonimbus cloud. Most funnel clouds do not touch the ground, but when the lower tip of the funnel cloud touches the earth; it becomes a tornado and can cause extensive damage. For Yavapai County, tornadoes are the least common type of severe wind to accompany a thunderstorm.

History

Yavapai County has been subject to over 100 severe wind events, 32 events occurred between 2018 and 2022. In total the economic loss exceeds \$20M in damages to structures and agriculture in the last 50 years. There has also been one recorded fatality and several injuries associated with wind events, most of which related to an F1 tornado that touched down in 1977. Severe wind events occur on a significantly more frequent basis throughout the County, but do not always have reported damage. The following are examples of significant past events:

- February 22, 2023 – High winds caused road closures and power outages for residents in the Dewey-Humboldt, Mayer, and Chino Valley areas with winds in the 50-and-60-miles-per-hour range around the region.
- June 25, 2022 -- A land spout tornado was seen northeast of Prescott Valley on June 25.¹
- July 11, 2021 -- A trained spotter observed a tornado west of Outer Loop Road and State Route 89 for 45 seconds.²

¹ NOAA. Storm Events Database. Retrieved March 24, 2023, from <https://www.ncdc.noaa.gov/stormevents/eventdetails.jsp?id=977487>.

² Ibid

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- Sept 1, 2019 -- Thunderstorms produced heavy rain, flash flooding, and strong winds in Yavapai County with recorded winds up to 52 kts. and 0.75 to 1.10 inches of rain in the Prescott and Dewey areas..¹

Extent

The extent of severe wind events in Yavapai County, the jurisdictions, and the Tribal areas is relatively similar. Many of the factors that determine the extent of a severe wind event has on the county are not geographical, but rather demographical and topographical based. These events are generally limited to Dewey-Humboldt and Prescott Valley, where the effect is critical. These two (2) jurisdictions have a larger effect due to straight-line winds that occur in the area. Table 4-10 provides an assessment of the probability.

Despite the broad seasonal range of severe wind events (spring, summer, fall, and winter), most severe wind events occur in conjunction with thunderstorms. The annual number of thunderstorms, on average, varies from 40-80 per year across the county. The highest number of storms occur in the northeastern part of the county affecting the jurisdiction of Camp Verde, Chino Valley, Clarkdale, Cottonwood, Dewey-Humboldt, Jerome, Prescott, Prescott Valley, Sedona, and Yavapai Prescott Indian Tribe. The lowest number of thunderstorms occur along the western border.

Lightning strikes are another indicator of thunderstorm hazard. Strike densities across Yavapai County vary from two to eight lightning strikes per square kilometer annually, with the higher density of lightning strikes in the northern areas of the county.

The American Society of Civil Engineers (ASCE) has identified a 3-second wind gust speed as the most accurate measure for identifying the potential for damage to structures and is recommended as a design standard for wind loading. Most of Arizona and all of Yavapai County is designated with a design 3-second gust wind speed of 90 mph, indicating relatively low levels of risk from severe winds. (ASCE, 1999)

Likewise, FEMA identifies most of the County to be in design wind speed Zone I. In this zone, a design wind speed of 130 mph is recommended for the design and construction of community shelters.

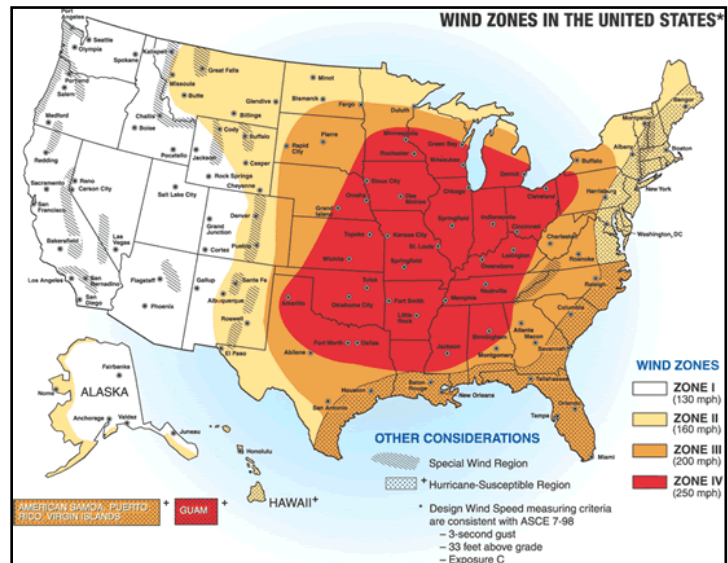


Figure 71 FEMA Wind Zones

Probability of Future Hazard Events

Most severe wind events in Yavapai County and the Yavapai-Prescott Indian Tribal areas are associated with thunderstorms. The probability of a severe thunderstorm occurring with high velocity winds increases as the average duration and number of thunderstorm events increases. The average annual duration of thunderstorms in Yavapai County ranges from 90-110 minutes and is among the longest in the nation (DEMA, 2018). Damage from severe wind events is likely to increase in areas where buffer zones created by thick forest areas have been destroyed by wildland fire. As wildland fire hazards and risk increase due to climate change variables, this cascading impact must be considered.

Climate change, seen as warmer temperatures, can increase the availability of moisture in the air. This increase in

¹ Ibid.

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moisture translates to increased frequency, severity, and duration of thunderstorms. Climate change can alter atmospheric circulation patterns, influencing the paths that storms take. While the exact impact on storm tracks is still an area of active research, there is evidence to suggest that some regions may experience shifts in the tracks of storms. This can result in changes in the areas affected by specific storm types, including mid-latitude storms which may increase the occurrence of the hazard throughout Yavapai County and the YPIT areas. Year over year increases in severe thunderstorms and severe winds are expected.

Yavapai County, each jurisdiction therein, and the Yavapai Prescott Indian Tribe will experience an increased hazard probability from climate change. Changes in weather patterns and the severity, and frequency of storms will adversely affect these communities. The probability and severity of severe storm and wind occurrence is listed in Table 4-10.

Tornadoes

Based on historic record, the probability of tornadoes occurring in Yavapai County is limited. Tornado damage severity is measured by the Fujita Tornado Scale, which assigns a numerical value of 0-5 based on wind speeds. Most tornadoes in Arizona last less than 30 minutes and the paths can range from a few hundred feet to a few miles. The width of a tornado may range from tens of yards to more than a quarter of a mile.

Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	Rating
Camp Verde	Likely	Limited	12-24 hours	> 6 hours	2.80
Chino Valley	Highly Likely	Limited	12-24 hours	< 24 hours	2.60
Clarkdale	Likely	Limited	6-12 hours	< 24 hours	2.60
Cottonwood	Possible	Limited	12-24 hours	< 6 hours	1.90
Dewey-Humboldt	Likely	Critical	6-12 hours	< 1 week	2.10
Jerome	Highly Likely	Limited	6-12 hours	< 6 hours	2.95
Prescott	Likely	Limited	12-24 hours	< 24 hours	2.45
Prescott Valley	Likely	Critical	6-12 hours	< 24 hours	2.90
Sedona	Highly Likely	Limited	12-24 hours	< 6 hours	2.80
Unincorporated Yavapai County	Highly Likely	Limited	6-12 hours	< 1 week	3.15
Yavapai-Prescott Indian Tribe	Highly Likely	Limited	> 24 hours	< 6 hours	2.65

Figure 72 Table 4-11: Severe Wind CPRI Rating

Vulnerability

The entire County is assumed equally exposed to the damage risks associated with severe winds. Typically, incidents are localized, and damages associated with individual events are small. Based on the historic records over the last five years, it is feasible to expect average annual losses of \$1.0 to \$1.5 million (countywide). It is difficult to estimate losses for individual jurisdictions within the County due to the lack of discrete data.

Unincorporated County – Yavapai County is susceptible to localized severe wind events; some events have led to death. Straight-line winds have also caused damage to structures due to dissipating monsoons. Typical impacts to severe wind events in Yavapai County are loss of utility power, accidents, and structural damage.

Camp Verde – The Town’s potential loss from severe wind events is comparatively small. There have been historical instances where there has been loss to roofs, downed power lines involving trees and/or branches. APS increased their tree trimming efforts to reduce the incidents of power outages due to branches falling as the results of severe wind. Mobile homes have been the most often incident involving loss in the historical recollections/documentations of loss. However, with more recent code requirements of having those homes anchored to prevent loss from severe wind events has reduced the recorded losses.

Overall vulnerability in Camp Verde consists of over 8,000 buildings. Essential facilities include eleven (11) schools,

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four (4) fire stations, and three (3) police stations. Vulnerabilities also include 75.81 miles of highway, 69 bridges, and 1,294.32 miles of pipe.

Chino Valley – Most severe winds in Chino Valley are associated with severe thunderstorms. From June to August Chino Valley is at risk for microburst, straight-line winds, and low intensity tornadic activity. Weather warnings from NOAA provide minimal warning as Monsoons can develop and dissipate quickly over higher elevations.

Overall vulnerability in Chino Valley consists of over 12,000 buildings. Essential facilities include nine (9) schools, three (3) fire stations, and one (1) police station. Critical infrastructure includes 44.74 miles of highway, 15 bridges, and 1,393.11 miles of pipes.

Clarkdale – Most of the severe winds in Clarkdale are associated with thunderstorms. The National Weather Service issues a severe thunderstorm watch when conditions are favorable for development of severe thunderstorms, which produce severe winds. In Clarkdale, weather fronts can sometimes be accompanied by high winds coming through Sycamore Canyon. The probability of a severe thunderstorm occurring with high velocity is likely with limited damage with the most vulnerability coming from downed trees and road blockages. The community has a large number of mobile and manufactured homes, which are more vulnerable to severe weather than other structures.

Overall vulnerability in Clarkdale consists of 3,000 buildings. Essential facilities include one (1) school, three (3) fire stations, and two (2) police stations. Critical infrastructure includes 128.62 miles of highway, 23 bridges, and 767.39 miles of pipes.

Cottonwood – While Cottonwood has the potential for severe wind events, historically there have been few such events and limited property loss from severe wind.

Overall vulnerability in Cottonwood consists of 11,000 buildings. Essential facilities include two (2) hospitals, fourteen (14) schools, three (3) fire stations, and three (3) police stations. Critical infrastructure includes 54.68 miles of highways, 38 bridges, and 429.37 miles of pipes.

Dewey-Humboldt – Severe wind is an occasional event normally associated with winter storms and monsoonal weather. The community is vulnerable to moderate residential, public utility, and public infrastructure loss due to straight-line winds associated with winter storms and monsoons.

Overall vulnerability in Dewey-Humboldt consists of 4,000 buildings. Essential facilities include two (2) schools and three (3) fire stations. Critical infrastructure includes 161.56 miles of highway, 27 bridges, and 1,256.41 miles of pipes.

Jerome – Jerome is built on a side of a hill that provides an excellent conduit for wind. It often sweeps down the hill in energetic bursts. It can be windy year-round, but spring and fall are generally the strongest. The National Weather Service statistics prove that tornadoes can occur in association with any severe thunderstorm activity. Tornadoes only occurring on flat terrain are a myth and Jerome is subject to numerous, severe mountain storms each year, which could include tornadoes, “straight line” or high winds. In association with heavy rains, these could produce landslides as well as devastation to residential and public commercial structures. Constructed on the steep slopes of Woodchute Mountain, Jerome is susceptible to more than just damaged roofs. Many of these structures are built on stilts that are poorly built or have sustained damage from age or blasting and other mining operations. Most recently, a historic structure here in Jerome was lost due to both age and the high line winds that struck Jerome on March 5, 2017. The entire SW facing wall was blown over separating it from the rest of the building creating damage to the remaining walls. Structures like this one simply cannot handle high winds and are in danger of being damaged by severe wind.

Overall vulnerability in Jerome consists of 2,000 buildings. Essential facilities include two (2) fire stations and one (1) police station. Critical infrastructure includes 128.62 miles of highway, 18 bridges, and 728.87 miles of pipes.

Prescott – The City can expect some degree of seasonal severe winds. Historically, these events have been known to interrupt utility services, primarily electricity, as well as down trees onto fixed structures and in the public rights of way. The impact of such events is somewhat limited and rarely has it been overly problematic to any significant sites within the city limits. However, when high winds and red flag conditions are prevalent during a wildfire as part

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of a winter storm, such events may be catastrophic and affect wide segments of infrastructure and community members.

Overall vulnerability in Prescott consists of 26,000 buildings. Essential facilities include four (4) hospitals, twenty-five (25) schools, seven (7) fire stations, four (4) police stations, and one (1) emergency operations center. Critical infrastructure includes 105.01 miles of highway, 47 bridges, and 1,111.63 miles of pipes.

Prescott Valley - Most severe winds in Prescott Valley are associated with severe thunderstorms. From June to August Prescott Valley is at risk for microburst, straight-line winds, and low intensity tornadic activity. Weather warnings from NOAA provide minimal warning as Monsoons can develop and dissipate quickly over higher elevations. Annually, Prescott Valley residents file multiple claims for Monsoon related wind damage.

Overall vulnerability in Prescott Valley consists of 18,000 buildings. Essential facilities include three (3) hospitals, twenty-one (21) schools, four (4) fire stations and one (1) police station. Critical infrastructure includes 75.81 miles of highway, 18 bridges, and 489.64 miles of pipes.

Sedona – The City has had few wind-related events that have resulted in property damage. Downed trees and road blockages from high wind present the greatest threat.

Overall vulnerability in Sedona consists of 5,000 buildings. Essential facilities include one (1) hospital, six (6) schools, one (1) fire station, and one (1) police station. Critical infrastructure includes 17.4 miles of highway, 13 bridges, and 587.82 miles of pipes.

Yavapai-Prescott Indian Tribe – Because the Reservation is so small, many natural disasters can severely affect commerce and life on the Reservation. Severe winds affect all areas in the Prescott basin, and several tornados have been sighted in the area. Severe wind has the potential to damage critical infrastructure, disrupt the delivery of essential services, and restrict, or temporarily halt, ingress and egress to the residential and commercial areas of the Reservation.

Overall vulnerability to the Yavapai-Prescott Indian Tribe consists of 4,000 buildings. Essential facilities include one (1) school, one (1) fire station and one (1) police station. Critical infrastructure includes 68.97 miles of highway, seven (7) bridges, and 204.43 miles of pipes.

Changes in Development in the Hazard Area

Yavapai County-- As a general statement of change Yavapai County's population grew by 12% from 2010 to 2020. The county is growing, and each jurisdiction is expanding its developed areas with new housing communities, apartments, and single-family homes. Growth of the communities more than any other factor will increase the exposure to severe wind damage. New properties developed in the wildland urban interface are removing natural barriers to sustained winds. Homes built or parked in the open plain areas of Prescott Valley, Chino Valley, and Dewey-Humboldt have an increased likelihood of experiencing wind damage. The communities throughout Yavapai County will continue to experience damage and utility disruptions in their expanded community footprint. As a growing county, Yavapai County has increased exposure. To mitigate this hazard, Yavapai and all jurisdictions have worked together to lessen the effect of severe wind events by improving building codes, building materials, and regulation.

Camp Verde – The town boasts a population of 12,261 which is an increase of 12% over the 2010 Census data. Camp Verde issued 184 commercial and residential building permits from 2019-2021. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 60-70 permits per year. The current and planned development of the community is not increasing the hazard probability or vulnerability—it does increase the potential severity.

Chino Valley –. The community has experienced a residential growth of 12.6% since the 2010 Census. Chino Valley issued 611 commercial and residential building permits from 2019-2023. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 80-90 permits per year. The current and planned development of the community is not increasing the hazard probability or vulnerability — it does increase the potential severity.

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Clarkdale – The town of Clarkdale has grown by 4.8% since the 2010 census and has averaged a steady growth of 61 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The current and planned development of the community is not increasing the hazard probability or vulnerability—it does increase the potential severity.

Cottonwood – Since 2010, the population has grown by 9% and the community has issued over 500 commercial and residential building permits from 2018-2022. The town is continuing to grow at an estimated rate 150 to 180 permits per year. The current and planned development of the community is not increasing the hazard probability or vulnerability—it does increase the potential severity.

Dewey-Humboldt – Growing at a rate of 5% since the 2010 census, Dewey-Humboldt issued 210 commercial and residential building permits from 2018-2022. The current and planned development of the community is not increasing the hazard probability or vulnerability—it does increase the potential severity.

Jerome – Jerome is a community built on a steep hillside with limited transportation routes. Because of this, the community has experienced limited growth in population and there are no changes in this development area. Current and future development is limited to actions which improve the towns infrastructure. There are no appreciable changes in vulnerability.

Prescott – The City of Prescott is one of the largest communities in the Plan’s coverage area. The community has grown by 7% since the 2010 census. Prescott averaged a steady growth of 193 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The current and planned development of the community is not increasing the hazard probability or vulnerability—it does increase the potential severity.

Prescott Valley – Prescott Valley has seen vast changes in development and an 18.4% growth in population since 2010. The city is projected to continue growing at a rate of 2.4% per year. To support a growing population, the city has averaged a steady growth of 558 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. This has resulted in massive growth in commercial and residential homes throughout the community. The current and planned development of the community is not increasing the hazard probability or vulnerability—it does increase the potential severity.

Sedona –Community growth remains stable and slow with little increase over the 2010 census; the city experienced a 4% growth. The City issued an average of 63 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. There are minimal changes in the hazard area with a small increase in population and building inventory. The current and planned development of the community is not increasing the hazard probability or vulnerability.

Yavapai-Prescott Indian Tribe – The Yavapai Prescott Indian Tribe has experienced significant growth since 2010. The community has grown by 19.2%; however, it is still a small community with less than 230 residents. Despite the addition of approximately 46 community members, there are no changes in this development area. The Tribe has not issued any building permits over the past five years. Current and future development is limited. They have increased the volume of commercial traffic and visitors to tribal owned/leased facilities, but overall vulnerability has not increased or decreased.

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4.4.5 Wildfires

Description

A wildfire is an uncontrolled fire spreading through wildland vegetative fuels, urban interface areas, or both, where fuels may include structures. They often begin unnoticed, spread quickly, and are usually signaled by dense smoke that may fill the area for miles around. Wildfires can be human caused through acts such as arson or campfires or can be caused by natural events such as lightning. If not promptly controlled, wildfires may grow into an emergency or disaster. Even small fires can threaten lives, resources, and destroy improved properties.

The indirect effects of wildfires can also be catastrophic. In addition to stripping the land of vegetation and destroying forest resources and private property, large, intense fires can harm the soil, waterways, and the land itself. Soil exposed to intense heat may temporarily lose its capability to absorb moisture and support life. Exposed soils in denuded watersheds erode quickly and are transported to rivers and streams thereby enhancing flood potential, harming aquatic life, and degrading water quality. Lands stripped of vegetation are also subject to increased landslide hazards.



A tree burning during an active wildfire.

For the period of 1980 to 2008, data compiled by the Arizona State Forestry Division for the 2013 State Plan update indicates that at least 124 wildfires greater than 100 acres in size have occurred in all of Yavapai County.

History

For the period of 1980 to 2008, data compiled by the Arizona State Forestry Division for the 2013 State Plan update indicates that at least 124 wildfires greater than 100 acres in size have occurred in all of Yavapai County. According to the National Wildfire Coordination Group (NWCG, 2010), there have been 13 fires larger than 100 acres, which burned within Yavapai County during the period of 2004 to 2009. The list below highlights several fires which occurred in the past 6 years:

- April 2022, The Crooks Fire sparked to life about two miles north of Palace Station from human activity. The fire consumed 9,000 acres in the Prescott National Forest and prompted evacuation orders for several communities south of Prescott.
- May 2021, The Spur Fire burned 150 acres and damaged 24 homes in the small mining community of Bagdad. Nearly 1,000 people were evacuated during the blaze.
- June 2021, beginning with a lightning strike in the Prescott National Forest, the Tiger Fire consumed 16,278 acres and cost \$5.6 million to suppress.

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- July 2019, The Cellar Fire burned 7,000 acres approximately 15 miles south of Prescott within the rugged Prescott National Forest. The Forest Service did not fully suppress the fire but allowed it to burn to minimize fuel density.
- June 2017, The Goodwin Fire started outside of the community of Pine Flats just north of the Gladiator burn scar. The fire transitioned East and North affecting the community of Pine Flats burning down two homes and continued in a Northeasterly direction threatening the community of Mayer. In Mayer, the fire burnt two residences. On the third day, the fire pushed north threatening the communities of Poland Junction, Breezy Pines, and Dewey Humboldt; one home was lost outside of Breezy Pines. The fire continued to push to the North threatening four additional communities. In all over 28,000 acres burned and forced the evacuation of over 7500 families.

Extent

- Class A - one-fourth acre or less;
- Class B - more than one-fourth acre, but less than 10 acres;
- Class C - 10 acres or more, but less than 100 acres;
- Class D - 100 acres or more, but less than 300 acres;
- Class E - 300 acres or more, but less than 1,000 acres;
- Class F - 1,000 acres or more, but less than 5,000 acres;
- Class G - 5,000 acres or more.

Yavapai County has a high intensity of wildfires. The National Wildfire Coordinating Group (NWCG) has created a scale for the classification of wildfires. All the wildfires have been Class F except for two within the past 5 years. Yavapai County, its subsidiary jurisdictions, and the Yavapai-Prescott Indian Tribe are in a prime area for wildfires. The intensity comes from not a loss of life, but a property and asset loss. This is why there is a high severity of damage.

Figure 73 Wildfire Classification

Probability of Future Hazard Events

The probability and magnitude of wildfire incidents for Yavapai County and the Yavapai-Prescott Indian Tribe are influenced by numerous factors including vegetation densities, previous burn history, hydrologic conditions, climatic conditions such as temperature, humidity, and wind, ignition source (human or natural), topographic aspect and slope, and remoteness of area.

Climate Change

Climate change will adversely impact the probability of future hazard events caused by wildfires. It has a multitiered effect on the environment and a compounding effect on probability and severity. Climate change:

- Contributes to warmer temperatures and altered precipitation patterns, leading to more frequent and severe drought conditions throughout the county. Drier conditions increase the availability of dry vegetation, which acts as fuel for wildfires. When vegetation becomes more susceptible to ignition due to prolonged drought, wildfires can ignite more easily and spread rapidly.
- Extends the duration of the fire season in certain areas. Warmer temperatures and earlier snowmelt result in drier vegetation for longer periods, prolonging the window of opportunity for wildfires to occur. This extended fire season increases the likelihood of ignition and allows wildfires to spread over a greater time frame.
- Negatively impacts vegetation by stressing ecosystems and making them more susceptible to wildfires. Higher temperatures, drought, and insect outbreaks (which can be influenced by climate change) can weaken and kill vegetation, creating a larger fuel load for fires. Dead and dry vegetation acts as highly flammable material, increasing the likelihood and severity of wildfires.

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- influences weather patterns, including changes in wind patterns and the frequency of extreme weather events. Stronger winds can help spread wildfires more rapidly, making them harder to control. Additionally, climate change can lead to more extreme weather events like thunderstorms, which may produce lightning strikes that can ignite fires.
- Creates Wildfire-Climate Feedback Loops. Large wildfires emit significant amounts of carbon dioxide, a greenhouse gas that contributes to climate change. This emission of greenhouse gases can further exacerbate climate change, creating a feedback loop. As climate change continues, it can lead to more favorable conditions for wildfires, which release more greenhouse gases, contributing to a vicious cycle.

Increased temperatures, drought conditions, and low levels of reservoir water will further exacerbate the effects of climate change and increase the probability and severity of wildland fires in the future. The probability for wildfire occurrence is listed in table 4-11. The effects of climate change are globally felt, and within the Plan area it will impact each jurisdiction. The severity of the hazard is increased in fuel dense areas and areas with critical infrastructure exposure. Of the eleven participating jurisdictions seven rate the hazard as critical or catastrophic and this is in no small part because of the effects of climate change.

Vulnerability

Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	Rating
Camp Verde	Highly Likely	Catastrophic	< 6 hours	< 1 week	3.90
Chino Valley	Unlikely	Negligible	> 24 hours	< 6 hours	1.45
Clarkdale	Possible	Limited	< 6 hours	< 24 hours	2.30
Cottonwood	Possibly	Critical	12-24 hours	< 1 week	2.40
Dewey-Humboldt	Likely	Limited	< 6 hours	< 1 week	2.85
Jerome	Highly Likely	Catastrophic	< 6 hours	> 1 week	4.00
Prescott	Highly Likely	Catastrophic	< 6 hours	< 1 week	3.90
Prescott Valley	Possibly	Limited	< 6 hours	< 24 hours	2.30
Sedona	Highly Likely	Catastrophic	< 6 hours	< 1 week	3.90
Unincorporated Yavapai Co	Highly Likely	Catastrophic	< 6 hours	> 1 week	4.00
Yavapai-Prescott Indian Tribe	Likely	Critical	6-12 hours	> 1 week	3.10

Figure 74 Table 4-12: Wildfire CPRI Rating

Based on the previous Plan, \$31 and \$23 million in asset related losses are estimated for high and medium wildfire hazards, for all the participating jurisdictions in Yavapai County. An additional \$392 and \$111 million in high and medium hazard wildfire losses to HAZUS defined residential, commercial, and industrial facilities, is estimated for all participating Yavapai County jurisdictions. It should be noted that these exposure dollar amounts do not include the cost of wildfire suppression, which can be substantial. For example, a Type 1 wildfire fighter crew costs about \$1 million per day.

Regarding human vulnerability, a countywide population of 15,695 and 23,979 people, or 9.38% and 14.33% of the total, is potentially exposed to a high and medium hazard wildfire event, respectively. Typically, deaths and injuries not related to firefighting activities are rare. However, it is feasible to assume that at least one death, injury, or both, may be plausible. There is also a high probability of population displacement during a wildfire event, and especially in the urban wildland interface areas.

It is noted that the loss and exposure numbers presented above represent a comprehensive evaluation of the County and Tribal Areas as a whole. It is unlikely that a wildfire would occur that would impact all the high and medium wildfire hazard areas at the same time. Accordingly, actual event-based losses and exposure are likely to be only a fraction of those summarized above.

Unincorporated County – The largest impacts from wildland fire are in the wildland urban interface. That transitional area is where the wildland meets civilization. Community development in the wildland urban interface increases the

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risk to life and property. Fire is a good tool for managing hazardous fuels in the wildlands, however, mitigation efforts need to focus on healthy forest, sound fire regiments, and building defensible space. Most at risk are the communities in the wildland interface and adjacent to the transitional vegetation zones: Wilhoit, Dewey-Humboldt, Groom Creek, Camp Wood, Crown King, Mayer, Ruger Ranch, Peeples Valley, Potato Patch, Walker, Mount Union Communities, Jerome, and Breezy Pines.

Camp Verde – Camp Verde’s historical profile for wildfire loss is relatively small. Forest and State lands along with some private lands do however provide a potential for damage to populated areas located adjacent to those specific landmasses. There is little threat posed by large growth trees except for along the Verde River corridor of 17 miles located within the Town’s municipal boundaries. Likewise, there is a small section of large tree growth and deadfall flood debris, which is located on private, and forestlands within the Clear Creek corridor within the Town’s municipal boundaries. The most likely potential for loss and threat is from grass fires burning into populated areas from private lands.

Overall vulnerability in Camp Verde consists of over 8,000 buildings. Essential facilities include eleven (11) schools, four (4) fire stations, and three (3) police stations. Vulnerabilities also include 75.81 miles of highway, 69 bridges, and 1,294.32 miles of pipe.

Chino Valley – The vegetation type around the town of Chino Valley is primarily grass or prairie. Although a range fire is very probable, the impacts are minimal.

Overall vulnerability in Chino Valley consists of over 12,000 buildings. Essential facilities include nine (9) schools, three (3) fire stations, and one (1) police station. Critical infrastructure includes 44.74 miles of highway, 15 bridges, and 1,393.11 miles of pipes.

Clarkdale – The historical and potential damage to the small community of Clarkdale due to wildfire events has been relatively minor. Clarkdale does have the possibility of wildfire due to the large amount of undeveloped land along Sycamore Canyon Road and portions of the Verde River where people recreate, which could inadvertently start a wildfire. Overgrown washes and vegetation along the Verde River would also be avenues of wildfire throughout the Town of Clarkdale.

Overall vulnerability in Clarkdale consists of 3,000 buildings. Essential facilities include one (1) school, three (3) fire stations, and two (2) police stations. Critical infrastructure includes 128.62 miles of highway, 23 bridges, and 767.39 miles of pipes.

Cottonwood – The City of Cottonwood is primarily surrounded by wildland fuel types that minimize the potential for wildland-urban interface fire situations. The greatest risk for wildland fire is along the Verde River corridor that runs through the northern portion of the city. There has been a project undertaken by non-governmental groups during the last two years to remove invasive species of plants along this corridor lessening the potential of fire. Fortunately, there are few structures located in proximity to the Verde River corridor limiting the potential for substantial property loss.

Overall vulnerability in Cottonwood consists of 11,000 buildings. Essential facilities include two (2) hospitals, fourteen (14) schools, three (3) fire stations, and three (3) police stations. Critical infrastructure includes 54.68 miles of highways, 38 bridges, and 429.37 miles of pipes.

Dewey-Humboldt – The community sits in the transitional zone between the low laying deserts and the alpine forest at 4300 feet above sea level. Chaparral is the predominate vegetation which encapsulates the community. Within the Town, residents have worked to effectively mitigate the propagation of wildland fire through Firewise mitigation strategies. However, there remain outlying areas, which require additional attention. Historically, Dewey Humboldt has been threatened by wildfire. The 2012 Cherry Hill Fire started southeast of town and burned towards the Orme community. In 2014, the White Horse community had a wildland start associated with a structure fire, which burned into the Prescott National Forest. Dewey Humboldt has promoted a Community Firewise Program to enhance defensible space and worked with stakeholders in hazardous fuels mitigation. Emphasis currently is those properties on the west and southwest side of Town.

Overall vulnerability in Dewey-Humboldt consists of 4,000 buildings. Essential facilities include two (2) schools and

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three (3) fire stations. Critical infrastructure includes 161.56 miles of highway, 27 bridges, and 1,256.41 miles of pipes.

Jerome – The town of Jerome sits at an elevation of 5100 feet and is in the transitional zone of the Prescott National Forest. The community is on the Northeast side of the Woodchute Mountain Range and is in the Wildland Urban Interface. The community has mixed vegetation of chaparral and conifer. The topography is steep and promotes the rapid spread of wildfire. The community has a very high visitor population and with its historic building at a high risk for wildfire. The highest potential and impacts for wildfire are from May to August during the driest months with highest tourist traffic.

Overall vulnerability in Jerome consists of 2,000 buildings. Essential facilities include two (2) fire stations and one (1) police station. Critical infrastructure includes 128.62 miles of highway, 18 bridges, and 728.87 miles of pipes.

Prescott – Wildfire is the premier hazard within the incorporated boundaries of the City of Prescott along with the communities surrounding it. Unseasonably warm temperatures, low humidity, and red-flag conditions can turn a seemingly benign event into a career fire suppression campaign in just a few hours. Loss estimations could reach the billions of dollars and loss of life could result. Successful coordinated mitigations efforts have been undertaken over many years but with a roughly 7-year re-growth in is nearly impossible to “keep up”. Virtually all segments of the community are vulnerable. This includes million-dollar residential properties, multi-family dwellings, the historic downtown area, schools, hospital, and vast areas of commercial development. Without reservations, this is the greatest risk to the City of Prescott, and it has historically experienced many negative outcomes from this risk.

Overall vulnerability in Prescott consists of 26,000 buildings. Essential facilities include four (4) hospitals, twenty-five (25) schools, seven (7) fire stations, four (4) police stations, and one (1) emergency operations center. Critical infrastructure includes 105.01 miles of highway, 47 bridges, and 1,111.63 miles of pipes.

Prescott Valley – While there is minimal risk, overall vulnerability in Prescott Valley consists of 18,000 buildings. Essential facilities include three (3) hospitals, twenty-one (21) schools, four (4) fire stations and one (1) police station. Critical infrastructure includes 75.81 miles of highway, 18 bridges, and 489.64 miles of pipes.

Sedona – While Sedona is vulnerable and has a large wildland-urban interface exposure around its entire perimeter, losses in the greater Sedona area have been rare. Two large fires have occurred in and along Oak Creek in the past 10 years (the Brins Fire and the Slide Fire). Structural and personal losses from these fires were fortunately minimal.

Overall vulnerability in Sedona consists of 5,000 buildings. Essential facilities include one (1) hospital, six (6) schools, one (1) fire station, and one (1) police station. Critical infrastructure includes 17.4 miles of highway, 13 bridges, and 587.82 miles of pipes.

Yavapai-Prescott Indian Tribe – The Tribe has a lot of open land that consists of mostly shrub oak. While the Tribe has pushed to be Firewise wildfires are extremely likely to occur on our Reservation. Any wildfire of any size would severely affect Reservation life by disrupting the delivery of utilities, restricting routes of egress and entry, and potentially damaging residential and commercial properties. In addition, wildfire and burn scar soils are typically hydrophobic, compounding the risk of flooding after rain events.

Overall vulnerability to the Yavapai-Prescott Indian Tribe consists of 4,000 buildings. Essential facilities include one (1) school, one (1) fire station and one (1) police station. Critical infrastructure includes 68.97 miles of highway, seven (7) bridges, and 204.43 miles of pipes.

Changes in Development in the Hazard Area

Yavapai County – The population Growth in Yavapai County increased by 12% over the last ten years, and by over 40% in the last twenty years. The increasing population size has resulted in steady urban development and home growth. This growth is encroaching on previously undeveloped areas and straining water resources. The population growth and housing development within the Unincorporated County and especially the wildland urban interface (WUI) is increasing the hazard probability and severity. Current and future developments are occurring in the hazard area, people are drawn to the WUI. The risk is increasing and so is the awareness of wildfire hazards. The incorporation of defensible space into urban areas is common but it is not the standard and vulnerability is increasing

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wherever mitigation measures are not observed.

Camp Verde – The town boasts a population of 12,261 which is an increase of 12% over the 2010 Census data. Camp Verde issued 184 commercial and residential building permits from 2019-2021. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 60-70 permits per year. The current and planned development of the community is not increasing the hazard probability or vulnerability—it does increase the potential severity.

Chino Valley – This area has an unlikely probability of a wildfire. The community has experienced a residential growth of 12.6% since the 2010 Census. Chino Valley issued 611 commercial and residential building permits from 2019-2023. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 80-90 permits per year. The area will experience fires in the future, but the growth of the community does not significantly affect the vulnerability rating.

Clarkdale – The town of Clarkdale has grown by 4.8% since the 2010 census and has averaged a steady growth of 61 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The current and planned developments are not significantly increasing the hazard vulnerability, in some areas they may lessen it; in Clarkdale, the undeveloped areas present the greatest risk.

Cottonwood – Since 2010, the population has grown by 9% and the community has issued over 500 commercial and residential building permits from 2018-2022. The town is continuing to grow at an estimated rate 150 to 180 permits per year. The current and planned development of the community is not increasing the hazard vulnerability.

Dewey-Humboldt – Growing at a rate of 5% since the 2010 census, Dewey-Humboldt issued 210 commercial and residential building permits from 2018-2022. The current and planned development of the community is decreasing the hazard vulnerability by developing areas and removing potential fuel loads.

Jerome – Jerome is a community built on a steep hillside with limited transportation routes and buildable areas. Because of this, the community has experienced limited growth in population and there are no changes in this development area. Current and future development is limited to actions which improve the towns infrastructure.

Prescott – The City of Prescott is one of the largest communities in the Plan’s coverage area. The community has grown by 7% since the 2010 census. Prescott averaged a steady growth of 193 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. Many new developments are placed within the WUI. Residential properties are built on the steep hillsides of previously undeveloped areas. The community is vulnerable to wildfire and the increased building stock and population growth, both current and projected, are increasing the vulnerability, probability, and severity of this hazard.

Prescott Valley – Prescott Valley has seen vast changes in development and an 18.4% growth in population since 2010. The city is projected to continue growing at a rate of 2.4% per year. To support a growing population, the city has averaged a steady growth of 558 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. This has resulted in massive growth in commercial and residential homes throughout the community. The current and planned development of the community is not increasing the hazard vulnerability.

Sedona –Community growth remains stable and slow with little increase over the 2010 census; the city experienced a 4% growth. The City issued an average of 63 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. There are minimal changes in the hazard area with a small increase in population and building inventory. The current and planned development of the community is not increasing the hazard vulnerability.

Yavapai-Prescott Indian Tribe – The Yavapai Prescott Indian Tribe has experienced significant growth since 2010. The community has grown by 19.2%; however, it is still a small community with less than 230 residents. Despite the addition of approximately 46 community members, there are no changes in this development area from

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residential or commercial growth. The Tribe has not issued any building permits over the past five years. Current and future development is limited. They have increased the volume of commercial traffic and visitors to tribal owned/leased facilities, but overall vulnerability has not increased or decreased.

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4.4.6 Winter Storm

Description

Severe snowstorms affect many aspects of life in the County, including transportation, emergency services, utilities, agriculture, and the supply of basic subsistence to isolated communities. Interstates 40 and 17 have produced numerous fatal multi-car accidents due to heavy winter snowfall and icy road conditions. Heavy snowfalls can also leave motorists stranded in their vehicles with potentially disastrous results like hypothermia and carbon monoxide poisoning. Significant snowstorms can also hinder both ground and air emergency services vehicles from responding to accidents or other emergencies. Remote areas and communities can be easily cut-off from basic resources such as food, water, electricity, and fuel for extended periods during a heavy storm. Extremely heavy snowstorms can produce excessive snow loads that can cause structural damage to under-designed buildings. Agricultural livestock can also be vulnerable to exposure and starvation during heavy snowstorms.

Freezing rain is formed as snow falls through a warm zone in the atmosphere completely melting the snow. The melted snow then passes through another zone of cool air “super cooling” the rain below freezing temperature while still in a liquid state. The rain then instantly freezes when it meets the ground or other solid object. Because freezing rain hits the ground as a rain droplet, it conforms to the shape of the ground, making a thick layer of ice. Sleet is similar to hail in appearance but is formed through atmospheric conditions more like freezing rain. The difference is the snowflakes do not completely thaw through the warm zone and then freeze through the cool air zone closer to the ground. Sleet typically bounces as it hits a surface like hail. Sleet is also informally used to describe a mixture of rain and snow and is sometimes used to describe the icy coating on trees and power lines.

Sleet and freezing rain can cause slippery roadway surfaces and poor visibility leading to traffic accidents and can leave motorists stranded in their vehicles with potentially disastrous results like hypothermia and carbon monoxide poisoning. Heavy sleet or freezing rain can produce excessively ice-loads on power lines; telecommunication lines and other communication towers; tree limbs; and buildings causing power outages, communication disruptions, and other structural damage to under-designed facilities.

History

Winter snows are the lifeblood of water supplies for most of Yavapai County and the Tribal Areas. However, winter storms are also one of the deadliest hazards to affect the area. During the period of Dec 2018 – Dec 2022, NOAA recorded 22 winter storm events; Table 4-12 displays the storm information.¹ In addition, Yavapai County received record snowfall on Jan 26, 2021, receiving 36 inches of snow over 24 hours.²

¹ NOAA. Storm Events Database. Retrieved 26 March 2023 from https://www.ncdc.noaa.gov/stormevents/listevents.jsp?eventType=%28Z%29+Heavy+Snow&beginDate_mm=12&beginDate_dd=01&beginDate_yyyy=2018&endDate_mm=12&endDate_dd=31&endDate_yyyy=2022&county=YAVAPAI%3A25&hailfilter=0.00&tornfilter=0&windfilter=000&sort=DT&submitButton=Search&statefips=4%2CARIZONA.

² NOAA. Storm Events Database. Retrieved 26 March 2023 from <https://www.ncei.noaa.gov/access/homr/#ncdcstnid=30108594&tab=MSHR>.

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Winter Storms in Yavapai County 2018-2022 (Heavy Snow, Sleet, & Winter weather)	
Number of County/Zone areas affected:	4
Number of Days with Event	22
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	0
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	2

Figure 75 Table 4-13: Winter Storms in Yavapai County 2018-2022

The following are highlights of some prominent snowstorm events affecting Yavapai County:

- Feb 2, 2022, A large trough of low pressure brought increasing moisture off from off the eastern Pacific marine layer over central Arizona. This brought extensive upslope snow shower activity coverage, especially along and White Mountains. The trough brought very cold air across Arizona (down to -12C at 700 mb) with saturation to at least 500 mb. This made for a very efficient snow process with significant, widespread accumulations. Heavy snow fell across Yavapai County including 8.5 inches in Ash Fork, 8 inches in Ponderosa Park, and 4.0-6 inches across the Prescott and YPIT area.
- Dec 21, 2022, A winter storm moved across northern Arizona from December 11 to December 13. The snow caused traffic problems on I-17 between the Verde Valley and Flagstaff. The Arizona Department of Transportation reported several vehicles that were stuck, slid off the road, or crashed on I-17 on the uphill portion leaving the Verde Valley near Stoneman Lake Road. One of the vehicles was a fire truck.
- Nov 11, 2019, A very large area of low pressure brought wind, rain, and snow to northern Arizona Thanksgiving Day and Black Friday. Strong southerly winds brought very moist air over Arizona with rising snow levels. Heavy rain fell below around 7500 through much of Thanksgiving Day with increasing snow levels the night of November 29th into the 30th with the passage of a cold front. Snowfall was eventually reported at the bottom of The Grand Canyon. Significant snow was reported as well as increased flows in lower elevations creeks and rivers. Seven inches of snow fell in Skull Valley by 8:42 AM at an elevation of about 4500 feet. Wilhoit received 6 inches of snow by 9:44 AM at an elevation of 4800 feet. State Route 260 from Camp Verde to Cottonwood was closed during this storm...at an elevation of around 3,200 feet above sea level.
- Dec 31, 2018, A third storm system in a week crossed northern Arizona with very low elevation snow. This storm lasted into New Year's Day. The system dropped between 3 and 4.5 inches of snow fell in the Verde Valley between 3,300 and 4,000 feet. There was one 5 inch report a mile south of Middle Verde slightly lower than 3,200 feet. Four inches of snow fell about 1 mile southeast of Chino Valley about 4,750 feet elevation. Five inches of snow fell at Lake Montezuma at an elevation of around 3,600 feet. Prescott Valley received 4.8 inches right at 5,000 feet elevation.

Extent

The extent of a winter storm event on Yavapai County and its jurisdictions are high. A majority of the County is located above 6,000 feet, which is conducive to snow. The Yavapai-Prescott Indian Tribal areas have a somewhat lower elevation ranging from 5,210 feet to a high of 5,900 feet. Although the elevation is relatively high throughout the County, the average snowfall is not more than two feet annually. Scientific quantification of snow

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can be difficult due to the factors that influence the extent a storm affects the jurisdiction. Amount of snow is the only quantifiable measurement, but there is also the rate at which snow melts, the density of the snowflake, hail, sleet, and slush which can also create different hazards associated to a winter storm.

Probability of Future Hazard Events

Snow level measurements are recorded daily across the United States and can be used to estimate the probability and frequency of severe winter storms. In Arizona, there is a 5% annual chance that snow depths between zero and 25 centimeters will be exceeded, a snowfall probability that is among the lowest in the nation. (FEMA, 1997) However, snowfall extremes can occur in Yavapai County and can have serious effects to the population and critical infrastructure. In the Yavapai-Prescott Indian Tribal areas it is possible they will be impacted winter storms, but the severity and probability are low. Changes in the climate and built environment will potentially change the probability of winter storm damage and even the rate of occurrence.

Climate Change

The influence of climate change on winter storms is complex. Climate change can influence the severity of winter storms by modifying the atmospheric conditions that fuel them. Warmer temperatures can lead to increased moisture availability, which can contribute to more intense precipitation events and heavier snowfall in regions that still experience freezing temperatures. This can result in higher snow accumulation rates, increased snowmelt, and potential risks of winter flooding. Climate change can alter precipitation patterns. The altered precipitation patterns may lead to an increase in snowfall, rainfall, or freezing rain. In addition, climate change can influence atmospheric circulation patterns, potentially altering storm tracks during winter. While the specific effects are still subject to ongoing research, some studies suggest that climate change may lead to changes in the paths and intensity of winter storms. This can result in shifts in the areas affected by heavy snowfall, strong winds, and other winter storm characteristics.

Overall, the climate is warming with recorded winter temperatures averaging between 3-5 degree warmer. A warmer winter season does not lessen the effects of heavy snowstorms and in fact just as thunderstorms, tornadoes, and hurricanes are increasing in number so too is the winter equivalent. Warmer temperatures felt year-round increases the amount of moisture in the air, and in the winter months, this equals increased amounts of snowfall, sleet, or freezing rain. Climate Change is a factor that will influence the probability of winter storms in Yavapai County, Yavapai-Prescott Indian Tribal areas, Jerome, Prescott, and Camp Verde.

Vulnerability

Participating Jurisdiction	Probability	Magnitude/ Severity	Warning Time	Duration	CPRI Score
Camp Verde	Likely	Critical	12-24 hours	< 1 week	2.85
Chino Valley	Likely	Limited	12-24 hours	< 24 hours	2.15
Clarkdale	Possible	Limited	12-24 hours	< 24 hours	2.00
Cottonwood	Possible	Negligible	> 24 hours	< 1 week	1.65
Dewey-Humboldt	Likely	Limited	6-12 hours	< 1 week	2.70
Jerome	Highly Likely	Critical	6-12 hours	< 1 week	3.45
Prescott	Likely	Critical	12-24 hours	< 1 week	2.85
Prescott Valley	Likely	Limited	12-24 hours	< 1 week	2.55
Sedona	Likely	Limited	12-24 hours	< 1 week	2.55
Unincorporated Yavapai County	Likely	Critical	12-24 hours	> 1 week	2.95
Yavapai-Prescott Indian Tribe	Possible	Negligible	> 24 hours	< 1 week	1.65

Figure 76 Table 4-14: Winter storm CPRI Rating

The entire region's population and assets are exposed to winter storm conditions to a varying degree, depending on the location within the county or tribal areas and the elevation. Estimation of losses due to winter storm is difficult

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but given the historic record and losses of both life and property makes this likely.

Unincorporated County – Vertical elevation in Yavapai County extends from 1,000 above sea level (ASL) in the southern regions to nearly 8,000 feet ASL in the Central Highlands (Mt Union). Winter storms regularly affect up to 85% of the 8,126 square miles of Yavapai County. I-17 and I-40 are frequently impacted due to heavy snow closing these major commercial transportation routes. Impacts to rural Yavapai County are more severe with the potential of limiting access to emergency services. Utility power is often vulnerable with costly repairs and extended outage.

Camp Verde – With an elevation of 3160 ft, Camp Verde’s vulnerability to actual snow loss is relatively small. Homes are designed for adequate snow loads and other normal protections related to freezing at this elevation of exposure. Increased exposure to flooding happens with more than normal snow accumulations at higher elevations followed either by additional precipitation in the form of warm rains, or by warmer than normal weather accelerating the melting of the snowfall. There has been some loss recorded to older buildings, which were primarily flat roof sheds, or outbuildings, which were not designed with snow load provisions. Longer termed presence of snow accumulation provides some disruption with travel on lesser-used roads and without municipal snow removal resources, which is usually supplied by local heavy equipment contractors or as in most cases, the weather changes in time for most roads to be passable in 2 to 3 days.

Overall vulnerability in Camp Verde consists of over 8,000 buildings. Essential facilities include eleven (11) schools, four (4) fire stations, and three (3) police stations. Vulnerabilities also include 75.81 miles of highway, 69 bridges, and 1,294.32 miles of pipe.

Chino Valley – Historically Chino Valley has received heavy snow. The community is along State Route 89, which is the primary route for commercial traffic to I-40. Heavy snow has the potential to close this arterial route. The impacts are otherwise minimal.

Overall vulnerability in Chino Valley consists of over 12,000 buildings. Essential facilities include nine (9) schools, three (3) fire stations, and one (1) police station. Critical infrastructure includes 44.74 miles of highway, 15 bridges, and 1,393.11 miles of pipes.

Clarkdale – The elevation of Clarkdale normally sets the risk for winter storms as a possibility, with a limited impact. Normally, if the Town does receive snow, freezing rain, etc. it is only for a short time and has relatively minor impacts, except for travel during the event, which clears quickly. When the snow does not melt quickly, travel is impeded due to lack of snow removal equipment and the steep terrain of the community. Freezing temperatures over long periods will cause municipal water pipes and meters to freeze along with residential homes and businesses.

Overall vulnerability in Clarkdale consists of 3,000 buildings. Essential facilities include one (1) school, three (3) fire stations, and two (2) police stations. Critical infrastructure includes 128.62 miles of highway, 23 bridges, and 767.39 miles of pipes.

Cottonwood – While the City of Cottonwood has the potential for winter storm events, our lower elevation makes major snow events very rare. Historically, there has been limited property loss from winter storms.

Overall vulnerability in Cottonwood consists of 11,000 buildings. Essential facilities include two (2) hospitals, fourteen (14) schools, three (3) fire stations, and three (3) police stations. Critical infrastructure includes 54.68 miles of highways, 38 bridges, and 429.37 miles of pipes.

Dewey-Humboldt – The community experiences little to no winter storm and currently has requisite equipment and personnel to address the needs associated with the hazard. Additionally, mutual aid, emergency contracts, and intergovernmental agreements fill the gap where needed.

Overall vulnerability in Dewey-Humboldt consists of 4,000 buildings. Essential facilities include two (2) schools and three (3) fire stations. Critical infrastructure includes 161.56 miles of highway, 27 bridges, and 1,256.41 miles of pipes.

Jerome – Recent climatological conditions have blessed Jerome with mild conditions. The not-so-distant past paints another picture as snowfall statistics in Jerome have exceeded 20” in a day. Such occurrences with that kind of heavy snow can happen on any given year between the months of November and March. Jerome is ill equipped to handle

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such storms. Minimal equipment is available and would not be able to support these kinds of storms. This exposes the town's population and visitors to an immediate emergency scenario. Any snow sleet or even rain that freezes overnight generates additional risk in Jerome that would be routine elsewhere. The steep grade of many of Jerome's streets would make vehicular travel over them impossible. Attempting access to some areas would be dangerous and cause possible crashes into other vehicles and into residences all too easily. The equipment necessary to effect mitigation in this area is impossible for the town to purchase. As many measures as possible have been adopted; however, none of these would help in a major winter storm. There is only one road in and out of Jerome. State Route 89A over Mingus Mountain is one access point and the same road leading down the mountain to Clarkdale is the other. Other roads such as FR 318, otherwise known as Perkinsville Road would be impossible in these situations. This puts Jerome in an immediate isolation configuration and those risks would put Jerome in a perilous state.

Overall vulnerability in Jerome consists of 2,000 buildings. Essential facilities include two (2) fire stations and one (1) police station. Critical infrastructure includes 128.62 miles of highway, 18 bridges, and 728.87 miles of pipes.

Prescott – Winter storms routinely have an annual impact within the city. Although the most devastating of these storms seem to be on a decade cycle, they can occur many times in succession. Qualification of storms is very dependent upon time of day, day of week, and advance awareness. Primary loss associated directly to catastrophic storm events are routinely related to commerce, the communities' economic vitality, and loss of essential utility services. On occasion, there are secondary and tertiary issues to structures caused by weight of snow and falling limbs from trees, but these are rare.

Overall vulnerability in Prescott consists of 26,000 buildings. Essential facilities include four (4) hospitals, twenty five (25) schools, seven (7) fire stations, four (4) police stations, and one (1) emergency operations center. Critical infrastructure includes 105.01 miles of highway, 47 bridges, and 1,111.63 miles of pipes.

Prescott Valley – This community sits at approximately 5,000 feet and historically has had significant snowfall. The community now has a population of nearly 65,000 and sits along the Highway 69 corridor, which connects central Yavapai County with I-17. Vulnerable populations include many retirement-aged people, a regional hospital, as well as, assisted living housing. The town can clear major roads, however, copious amounts of snow in a single or series of storms would adversely affect the town, as well as delivered emergency services.

Overall vulnerability in Prescott Valley consists of 18,000 buildings. Essential facilities include three (3) hospitals, twenty-one (21) schools, four (4) fire stations and one (1) police station. Critical infrastructure includes 75.81 miles of highway, 18 bridges, and 489.64 miles of pipes.

Sedona – The City of Sedona generally receives no more than 12" of snow in a severe snowstorm event. While this is inconvenient in the short term, property damage is minimal. The biggest issue is weather related car accidents and post melt flooding.

Overall vulnerability in Sedona consists of 5,000 buildings. Essential facilities include one (1) hospital, six (6) schools, one (1) fire station, and one (1) police station. Critical infrastructure includes 17.4 miles of highway, 13 bridges, and 587.82 miles of pipes.

Yavapai-Prescott Indian Tribe - If the Prescott basin were to get substantial snowfall affecting the entire area, the Reservation would as well be heavily impacted. On the Reservation for our residential area, there is only one ingress/egress if this is impacted by snowfall our residents cannot get off the Reservation for supplies. A lack of supplies has the potential for severe and even cascading consequences. A lack of supplies can lead to shortages of food and clean water. A lack of medical supplies, including medications, equipment, and emergency supplies, can hamper the ability to provide proper healthcare services to those in need. A lack of adequate infrastructure and emergency supplies will limit our ability to handle the impact of a winter storm resulting in a shortage of shelters, blankets, clothing, and other essential items needed for protection and comfort during and after the event. A lack of supplies can further increase the vulnerability of the community to these hazards, as they may lack the necessary equipment, tools, and resources to mitigate the impact or respond effectively to the storm and the events that follow. The lack of essential supplies and the challenges faced during a storm that creates extensive isolation can have a significant psychological and emotional toll on the community. Stress, anxiety, and trauma can be heightened when there are limited resources available to meet basic needs, leading to long-lasting effects on mental well-being.

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Overall vulnerability to the Yavapai-Prescott Indian Tribe consists of 4,000 buildings. Essential facilities include one (1) school, one (1) fire station and one (1) police station. Critical infrastructure includes 68.97 miles of highway, seven (7) bridges, and 204.43 miles of pipes.

Changes in Development in the Hazard Area

Yavapai County – Growth in Yavapai County increased by 12% over the last ten years, and by over 40% in the last twenty years. The increasing population size has resulted in steady urban development and home growth. This growth is expanding the burden on livable area, the road system, public utilities, and critical infrastructure. It is also encroaching on previously undeveloped areas and straining water resources. An increase in the population density and development heightens the County's risk exposure and vulnerability to multiple hazard types.

Camp Verde –The town boasts a population of 12,261 which is an increase of 12% over the 2010 Census data. Camp Verde issued 184 commercial and residential building permits from 2019-2021. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 60-70 permits per year. Camp Verde has taken measures to bolster the infrastructure to support a larger population which include improvements in building codes and building materials. The community follows and enforces the 2018 International Building Codes. These improvements mitigate some aspects of risk, but increased population density, increases the overall exposure and potential vulnerability to winter storm damage.

Chino Valley – The community has experienced a residential growth of 12.6% since the 2010 Census. Chino Valley issued 611 commercial and residential building permits from 2019-2023. The development of new residential buildings and commercial establishments is expected to continue at an estimated rate of 80-90 permits per year. The area will experience winter storm events in the future, but the increased development will contribute to increases in vulnerability and severity for this community.

Clarkdale – The town of Clarkdale has grown by 4.8% since the 2010 census and has averaged a steady growth of 61 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. The town's growth is a measure of increased exposure as are the increased number of commercial buildings and private residences. This growth is increasing the impacts of a winter storm event, but the vulnerability is not affected by new developments.

Cottonwood –Since 2010, the population has grown by 9% and the community has issued over 500 commercial and residential building permits from 2018-2022. The town is continuing to grow at an estimated rate 150 to 180 permits per year. There is an increase in exposure with new buildings in the hazard area, but the vulnerability is not affected by new developments.

Dewey-Humboldt – Growing at a rate of 5% since the 2010 census, Dewey-Humboldt issued 210 commercial and residential building permits from 2018-2022. The current and planned development of the community is not increasing the hazard vulnerability—it does increase the potential severity.

Jerome – Jerome is a community built on a steep hillside with limited transportation routes. Because of this, the community has experienced limited growth in population and there are no changes in this development area. Current and future development is limited to actions which decrease vulnerability and improve the town's infrastructure.

Prescott – The City of Prescott is one of the largest communities in the Plan's coverage area. The community has grown by 7% since the 2010 census. Prescott averaged a steady growth of 193 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. New developments and population growth are contributing to increases in vulnerability.

Prescott Valley – Prescott Valley has seen vast changes in development and an 18.4% growth in population since 2010. The city is projected to continue growing at a rate of 2.4% per year. To support a growing population, the city has averaged a steady growth of 558 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. This has resulted in massive growth in commercial and residential homes throughout the community. New developments and population growth are contributing to increases in vulnerability.

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Sedona – Community growth remains stable and slow with little increase over the 2010 census; the city experienced a 4% growth. The City issued an average of 63 commercial and residential building permits per year from 2019-2023. The growth of the community is expected to continue at the same rate for the foreseeable future. There are minimal changes in the hazard area with a small increase in population and building inventory. There are no appreciable changes in vulnerability.

Yavapai-Prescott Indian Tribe – The Yavapai Prescott Indian Tribe has experienced significant growth since 2010. The community has grown by 19.2%; however, it is still a small community with less than 230 residents. Despite the addition of approximately 46 community members, there are no changes in this development area. The Tribe has not issued any building permits over the past five years. Current and future development is limited. They have increased the volume of commercial traffic and visitors to tribal owned/leased facilities, but overall vulnerability has not increased or decreased.

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4.5 Risk Assessment Summary

The jurisdictional variability of risk associated with each profiled hazard is demonstrated by the various CPRI and loss estimation results. Accordingly, each jurisdiction has varying levels of need regarding the hazards to be mitigated and may not consider all the hazards as posing a great risk to their individual communities. The table below summarizes the hazards selected for mitigation by each jurisdiction and will be the basis for each jurisdictions' mitigation strategy.

	Earthquake	Flood	Landslide / Mudslide	Severe Wind	Wildfire	Winter Storm
Yavapai County		X	X		X	
Camp Verde	X	X	X	X	X	X
Chino Valley	X	X	X	X	X	X
Clarkdale	X	X	X	X	X	X
Cottonwood		X			X	
Dewey-Humboldt	X	X	X		X	X
Jerome	X	X	X	X	X	X
Prescott	X	X	X	X	X	X
Prescott Valley	X	X	X	X	X	X
Sedona		X		X	X	X
YPIT	X	X	X	X	X	X

Figure 77 Table 4-15: Hazards Mitigated by Jurisdiction

Unique Considerations

Clarkdale

Drought-- The town of Clarkdale is keenly aware of the value of water. Clarkdale relies on groundwater sources specifically from the Haskell Springs and Mountain Gate wells to provide water for its 4,224 residents. During droughts, these sources can become depleted, leading to water scarcity. This can affect both residential and agricultural water needs, potentially leading to water restrictions and conservation measures. To mitigate the effects of drought, Clarkdale proactively implements water conservation measures, and on November 14, 2006, the Clarkdale Town Council adopted a Drought and Water Shortage Preparedness Plan (DWSP). The purpose of the Plan is to provide strategies and procedures for periods of time when the Town's normal and customary water supplies may not be able to meet the Town's needs due to below normal rainfall, or other issues that have affected the water supply.

The Town of Clarkdale is engaged in developing additional water sources to support the growth of the community and to mitigate against the effects of drought. The Mescal Well Project will add capacity to the community's water resources and allow them to meet the demand of the continued population growth in the area.

Dewey-Humboldt

Drought- The town of Dewey-Humboldt is a growing community of 4,123 people. The community is situated at an elevation of 4,800 feet within the high desert region of Yavapai County. Like many communities in Arizona, the town is concerned and protective of its limited water resources. Dewey-Humboldt relies on water sources such as rivers, reservoirs, and groundwater for its water supply. Many residents source water directly from private wells. During droughts, these sources can become depleted, causing water scarcity. This can impact both residential water supplies and agricultural water needs, potentially leading to water restrictions and conservation measures. To mitigate the effects of drought, the community is engaged in a public awareness campaign.

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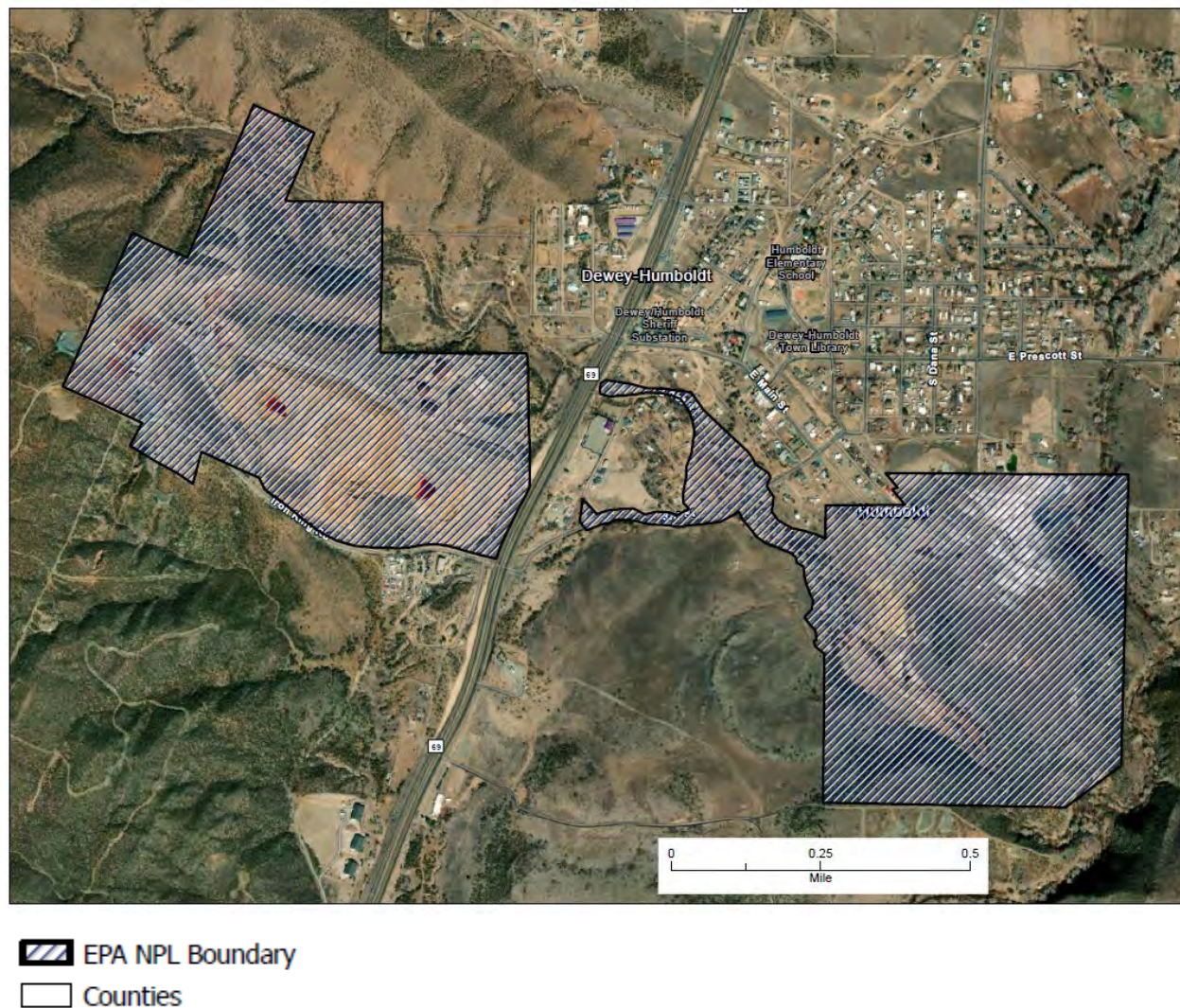
EPA Designated Super Fund Site

The citizens within the community of Dewey-Humboldt have the distinct misfortune of living in close proximity to one of the Nation's Superfund sites. Superfund Sites pose the greatest potential threat to public health and the environment. They are found on the National Priorities List (NPL). Sites on the National Priorities List are governed and funded for cleanup by the federal Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The Iron King Mine and Humboldt Smelter is one of nine NPL sites in Arizona. The Iron King Mine and the Humboldt Smelter operated from the late 1800s until the early 1960s and was a periodically active mine for gold, silver, copper, lead, and zinc.¹ The former mine and smelter occupy over 300 acres of land along State Route 69. The soils within this area (see Figure 78 Map 4-25) are heavily polluted with arsenic, lead, and other heavy metals. Water runoff and water wells located in or near the contaminated area must be tested to ensure consumer safety; any contaminated water or standing water must be isolated, protected, and treated to protect public health and the environment. The community of Dewey-Humboldt, like many other mining communities, is dealing with the aftermath of uncontrolled Hazardous Materials usage. The ADEQ and EPA are involved in cleaning the community with actions beginning in 2008 beginning with testing and remediation of soil and the removal of the mine tailing piles. The former smelter site was dismantled, and the soils were sealed to prevent further contamination. Additional actions are pending to continue reducing the contamination levels associated with the mine and the smelter. The community has a legacy of environmental pollution which impacts the soil, water, and air placing additional considerations on mitigation actions in this area.

¹ Arizona Department of Environmental Quality. *Iron King Mine-Humboldt Smelter*. Retrieved 22 May 2023 from <https://azdeq.gov/IronKingMine/SiteHistory?page=0%2C1>

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Figure 78-Map 4-25: The Iron King Mine and Humboldt Smelter



Jerome

Although the hazards and risks experienced by each jurisdiction vary, it is essential to note the unique characteristics of Jerome. Jerome, unlike any other jurisdiction in this planning area has the highest risk associated with landslides. Jerome is a community with one transportation route that winds up the mountain from Clarkdale and through a high-elevation mountain pass towards Prescott; it is easily isolated by winter storms or any incident that damages or obstructs the roadway. The effects of climate change with regards to increased precipitation, and increased drought leading to soil destabilization could dramatically alter Jerome's precarious perch on Cleopatra Hill. Improperly engineered structures is an issue, but damage to the roadways can isolate the community.

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Within the Unincorporated areas of the County, there are additional areas of concern with regards to impacted soils and waterways. Located approximately 12 miles southeast of Prescott, near Breezy Pine community is the Poland Mine and Poland Walker Tunnel. This site was an active mine from the late 1800s until approximately 1930. Water runoff from the mine is depositing excess metals (arsenic, lead, cadmium, and zinc) into Big Bug Creek. A

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site assessment was completed in 2019, and a remediation of the waste rock and tailings was completed in 2021. Site characterization and sampling of the runoff continues.

The Eugene Mine is a former gold mine and mill site located approximately 3.3 miles west of Highway 69 at Poland Junction and 1.3 miles west of Eugene Gulch Road. The mine was a former gold mine and like the Poland Mine, it is also impacting the Big Bug Creek Watershed with heavy metals. Yavapai County has a long mining history. In addition to the Poland Mine and Eugene Mine, ADEQ is actively remediating the negative effects of the Cash Mine, Jersey Seep, and McClellan Mine. Each mine actively deposits heavy metals in the surrounding soils and waterways after rain events. The United States Geological Survey (USGS) possess the records of 1,270 mines, and the Bureau of Land Management has 74,829 records of mining claims on public land within Yavapai County. Mining is largely responsible for the founding of the towns within this jurisdiction, and the legacy of the mines and their runoff are a major consideration in mitigating runoff and protecting the people and environment of the community.

Populations At-Risk

Populations at-risk are referred to as access and functional needs. FEMA defines access and functional needs populations using the “C-MIST” acronym. This stands for Communication, Mobility, Independence, Support and Safety, and Transportation. These five pillars encompass both persons permanently and temporarily categorized as access and functional needs. The American Consumer Survey and Justice40

estimates the Population At-Risk for Yavapai County as 81,234 individuals. These individuals fall under the C-MIST acronym and are further categorized as “At-Risk Individuals” and “Vulnerable Population.” “At-risk individuals” is defined in PAHPA 42 § U.S.C. 300hh-16. “Vulnerable population” is defined in CFR Title 45, Part 46 to include children, prisoners, pregnant women, mentally disabled persons, economically or educationally disadvantaged persons. This plan encompasses these demographics and embraces the Whole Community Approach in preparedness and mitigation. It is vitally important to recognize the challenges that confront members of our community as impacts our resilience and vulnerability to hazards.



Effects on Vulnerability

Populations at risk can significantly affect vulnerability in various ways. When we refer to populations at risk, we usually mean groups of people who are more likely to experience negative impacts from a particular hazard or stressor. These populations can include marginalized communities, low-income groups, the elderly, children, people with disabilities, ethnic and racial minorities, and other socially disadvantaged groups. Populations at risk can influence vulnerability in following ways:

- Socioeconomic factors: Populations at risk often face higher levels of poverty, limited access to resources, and inadequate infrastructure. These socioeconomic factors can exacerbate vulnerability by restricting their ability to prepare for, cope with, and recover from hazards. Limited financial resources may hinder access to healthcare, safe housing, education, and other essential services, making it harder to mitigate risks and respond effectively.
- Access to information and resources: Populations at risk may face barriers in accessing timely and accurate information about potential hazards, preventive measures, and emergency response procedures. Language barriers, low literacy levels, or limited access to technology can hinder their ability to stay informed and make informed decisions. Lack of access to resources such as transportation, communication networks, and emergency services can further increase vulnerability during emergencies.
- Health disparities: Certain populations at risk may already face underlying health conditions, limited access to healthcare facilities, or inadequate healthcare services. These factors can increase their susceptibility to the impacts of hazards and make recovery more challenging. For example, individuals with pre-existing respiratory conditions may be more vulnerable to air pollution or poor air quality resulting from a disaster.

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- o Social networks and support systems: Strong social networks and support systems are crucial for effective disaster response and recovery. Populations at risk may experience social isolation, limited community cohesion, or strained social ties, making it harder to access support during emergencies. Social networks and community organizations can play a vital role in providing assistance, disseminating information, and facilitating collective action.
- o Discrimination and inequalities: Populations at risk often face systemic discrimination and inequalities, which can further amplify vulnerability. Pre-existing disparities, including racial, ethnic, gender, or socioeconomic inequities, can result in unequal distribution of resources, differential exposure to hazards, and disparate impacts during and after disasters. These factors contribute to increased vulnerability and hinder effective resilience-building efforts.

It's important to recognize the specific needs and challenges faced by populations at risk in order to develop inclusive and equitable strategies for disaster preparedness, response, and recovery. Addressing these vulnerabilities requires a comprehensive approach that focuses on reducing systemic inequalities, enhancing social cohesion, promoting access to resources and information, and fostering community engagement and empowerment. Yavapai County, its jurisdictions, and Yavapai Prescott Indian Tribe strive to build and design inclusive communities with consideration for all citizens.

SECTION 5: MITIGATION STRATEGY

5.1 Section Changes

The mitigation strategy provides the “what, when, and how” of actions that will reduce or remove the community’s exposure to hazard risks. This information is presented in the following areas:

Goals and Objectives

Capability Assessment

Mitigation Actions

5.2 Goals and Objectives

The Planning Team assessed the goals and objectives contained within the previous Plan; and a comparison was made to the Plan goals and objectives to the 2018 State Plan, it was decided to include a statement about critical infrastructure. The following is the resulting updated goal and objectives for this Plan.

Goal

Reduce the potential level of loss of life, and damage to structures, existing and future critical infrastructure, cultural / historic assets, and other community assets due to hazards.

Objectives

- Maintain and support general plans, ordinances, and codes in accordance with state/federal regulations, to limit development in hazard areas and to build to standards that will prevent or reduce damage.
- Educate the public to increase awareness of hazards, build resilience through preparedness, and develop opportunities for mitigation actions.
- Promote hazard mitigation and resilience in the business, residential, and agricultural communities.
- Maintain compliance with the National Flood Insurance Program (NFIP) requirements.
- Monitor and publicize the effectiveness of mitigation activities implemented.
- Establish/maintain intergovernmental agreements with neighboring communities and tribal governments.
- Promote changes in current regulations to facilitate hazard mitigation.
- Reduce the vulnerability of critical infrastructure from natural and human caused hazards.

5.3 Capability Assessment

A vital component of the Mitigation Strategy is a review of each participating jurisdiction’s resources to identify, evaluate, and enhance the capacity of local resources to mitigate the effects of hazards. The capability assessment is comprised of several components: Legal and Regulatory, Technical Staff and Personnel, Fiscal Resources, and NFIP participation information. The County, tribe and local jurisdictions strive to develop and maintain comprehensive plans in all aspects of their government and emergency services. Many of the plans listed below are current however some of the smaller communities such as Cottonwood, Dewey-Humboldt, Jerome, and Sedona have less need and resources for a wide array of plans and capabilities.

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Table 5-3-1: Yavapai County Capability Assessment

Programs, Plans & Policies		
Emergency Operations Plan	Purpose	EOP provides the structure and processes for Yavapai County to utilize to respond and recover from an event.
	Responsible Agency	Emergency Management - PW
	Hazards	All
	Effect on Mitigation Efforts	EOP provides the structure and processes for Yavapai County to utilize to respond and recover from an event.
	Opportunities for Enhancement	The county will improve the Plan by incorporating policy changes and other improvements during the revision process scheduled to begin in 2024.
Recovery Plan	Purpose	Provides framework on how OEM and County partners will handle the recovery following an incident.
	Responsible Agency	Emergency Management - PW
	Hazards	All
	Effect on Mitigation Efforts	Plan manages the recovery of an incident
	Opportunities for Enhancement	The county will improve the Plan by incorporating policy updates and a Community Assistance Center.
Community Wildfire Protection Plan	Purpose	A guide for wildfire mitigation
	Responsible Agency	Emergency Management
	Hazards	Wildfire
	Effect on Mitigation Efforts	It identifies and prioritizes areas for hazardous fuel reduction treatments and recommends the types and methods of treatment on Federal and non-Federal land that will protect one or more at-risk communities and essential infrastructure and recommends measures to reduce structural ignitability throughout the at-risk community.
	Opportunities for Enhancement	The county is actively improving the CWPP to incorporate new technologies and increased partner involvement.

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Emergency Response Plan for Hazardous Materials	Purpose	County wide collaboration for safe and efficient responses to hazardous materials incidences
	Responsible Agency	Office of Emergency Management Coordinates Local Emergency Planning members from numerous agencies and groups throughout County to have annual updates.
	Hazards	Hazardous Material releases from businesses or transportation incidents, affecting general safety, environmental and health concerns.
	Effect on Mitigation Efforts	Assists with identifying possible locations of hazardous material incidences and capabilities of community responses.
	Opportunities for Enhancement	The county will improve the ERP through partnership with the Local Emergency Planning Committee (LEPC) and engagement of best practices & standards of private industry.
Yavapai County Drainage Design Manual (July 2015)	Purpose	Provide more comprehensive guidance for the engineering and building community and the citizens of Yavapai County to help ensure that design and construction of drainage infrastructure and development in and around flood hazard areas are completed to required minimum standards.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding
	Effect on Mitigation Efforts	The purpose is to set regulations to new construction to prevent flooding from the standard flood event.
	Opportunities for Enhancement	The county will improve the Manual and Ordinance by developing written clarification on the authority of the county to regulate certain types of construction and violations procedures.
Area Drainage Master Plans	Purpose	Provide a more detailed look at existing flooding areas on a neighborhood level and identify potential mitigation activities, usually construction projects.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding
	Effect on Mitigation Efforts	The program provides the district with a list and priority ranking of projects in known flood problem areas that the district can choose from when planning projects during the budget and for applying for grants.
	Opportunities for Enhancement	The county will improve the Plans by incorporating consolidating individual plans and studies into the Master planning document.
National Flood Insurance Program	Purpose	To identify flood risks for regulating purposes.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding
	Effect on Mitigation Efforts	The program sets the standard for identifying and regulating potential risk to new development.
	Opportunities for Enhancement	The County does not have the ability to improve on the NFIP, but it will use new and emerging technology to map flood areas, limit construction in flood zones, and provide information to the

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Flood Warning Program		residents on enrollment and their local flood hazards.
	Purpose	To measure in real time precipitation amounts and activity in running streams.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding
	Effect on Mitigation Efforts	Having our rain gauge network live in real time allows the District, the National Weather Service, and First Responders to monitor real time ground truth rainfall and runoff activity to prioritize warnings and flood activity monitoring.
	Opportunities for Enhancement	The county will improve the Program by adding gauges and maintaining/upgrading the entire network.
Figure 79 Table 5-3-1: Yavapai County Capability Assessment		
Codes & Regulations		
International Building Code; Ordinate 2012-1	Purpose	Building codes for the unincorporated areas of Yavapai County and the administrative code for the management, control, and enforcement of technical building and other codes and ordinances pertinent to all aspects of construction within unincorporated Yavapai County.
	Responsible Agency	Development Services
	Hazards	All
	Effect on Mitigation Efforts	Building/structure resiliency
	Opportunities for Enhancement	The county cannot improve the IBC, but it can incorporate local codes to establish and enforce fire codes.
Planning & Zoning Ordinance for Unincorporated areas of Yavapai County	Purpose	Provides minimum requirements designed to govern the division and use of land to: secure safety from fire, panic and other dangers; provide adequate light and air; prevent overcrowding of land and avoid undue concentration of population in certain areas; facilitate adequate provision of transportation, water, sewerage, schools, parks and other public requirements; maintain and promote stable values of land and structures.
	Responsible Agency	Development Services
	Hazards	All
	Effect on Mitigation Efforts	Building/structure resiliency
	Opportunities for Enhancement	The county will improve the Plan by incorporating revisions to land use mapping adding infrastructure development and hazard modelling.

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Road Ordinance 2020-4	Purpose	To establish a uniform County Road System including acquisition, construction and maintenance for all public roadways under the jurisdiction of the Yavapai County
	Responsible Agency	Public Works
	Hazards	All
	Effect on Mitigation Efforts	Procedures for overall acquisition, construction, and maintenance for public roadways in YC jurisdiction; impacts response to events and takes into consideration drainage, etc. This ordinance is supported by the Roadway Design Standards.
	Opportunities for Enhancement	The county will improve the Ordinance by monitoring current and future weather patterns to ensure drainage and material is adequate to support the community.
Yavapai Subdivision Regulations (adopted 08/06, 2012)	Purpose	1. To implement the Yavapai County General Plan and Zoning Ordinance. 2. To provide lots and parcels of sufficient size and appropriate design for the purposes for which they are to be used. 3. To provide streets of adequate capacity for the anticipated traffic, which would utilize them and to ensure that they are designed to promote a safe traffic circulation system. 4. To accommodate new development in a manner which will preserve and enhance the County's environment and create new beauty through skilled subdivision designs. 5. To provide for water supply, sewage disposal, storm drainage and other utilities and facilities to address the long-term sustainability of the development. 6. To ensure that the costs of providing rights-of-way, street improvements, utilities and public areas and facilities needed to serve new developments are borne fairly and equitably by the subdivider rather than by property owners of the County at large. 7. To protect and enhance real property values. 8. To coordinate subdivision policies and regulations with those of the municipalities to facilitate transition from County to municipal jurisdiction that land which is first developed in unincorporated territory and is subsequently annexed, and to ensure unimpeded development of such new urban expansion that is logical, desirable and in accordance with goals, objectives, and policies of the General Plan. 9. To facilitate the transfer of lands having accurate legal descriptions and to establish and ensure the rights, duties and responsibilities of subdividers and developers with respect to land development. 10. To ensure conformance with the Arizona Pollutant Discharge Elimination System Program as set forth in A.R.S. Title 49 Chapter 2 Article 3.1.
	Responsible Agency	Development Services
	Hazards	All
	Effect on Mitigation Efforts	Community Resilience

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	Opportunities for Enhancement	The county will improve the Regulations by incorporating the development of new construction standards and ensuring communities established under this plan have adequate planning and protection and sufficient mitigation measures for these areas to safeguard these areas.
Flood Damage Prevention Ordinance 2018-1	Purpose	Flood Damage Prevention Ordinance
	Responsible Agency	Flood Control
	Hazards	Flooding
	Effect on Mitigation Efforts	The Ordinance and associated regulations require structures to be built in a way to prevent flooding from the standard flooding event.
	Opportunities for Enhancement	The county will improve the Ordinance by clarifying the roles and authorities associated with the enforcement of this policy.
Outdoor Fire Ordinance 2020-2	Purpose	Establishes procedures for enactment and enforcement of emergency prohibitions and staged restrictions of combustion, open fires, campfires, and fireworks and establishing penalties for violation of such.
	Responsible Agency	Emergency Management
	Hazards	Fire
	Effect on Mitigation Efforts	Helps lessen fires during high-risk times within Yavapai County
	Opportunities for Enhancement	The county will improve the Ordinance by clarifying the roles and authorities associated with the enforcement of this policy.

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Financial Resources		
Hazard Mitigation Grant Program	Purpose	Rebuilding a community after a major disaster in a way that reduces future disaster losses.
	Responsible Agency	Flood Control
	Hazards	Natural
	Effect on Mitigation Efforts	Provides funding for Planning & Enforcement, Flood Protection, Retrofitting and Construction.
Pre-Disaster Mitigation Grant Program	Purpose	This program makes federal funds available to state, local, tribal, and territorial governments to plan for and implement sustainable cost-effective measures designed to reduce the risk to individuals and property from future natural hazards, while also reducing reliance on federal funding from future disasters.
	Responsible Agency	Flood Control / Emergency Management
	Hazards	Natural
	Effect on Mitigation Efforts	Provides funding to reduce the risk to individuals and property from future natural hazards, while also reducing reliance on federal funding from future disasters.
Flood Mitigation Assistance Grant Program	Purpose	Funds can be used for projects that reduce or eliminate the risk of repetitive flood damage to buildings insured by the National Flood Insurance Program.
	Responsible Agency	Flood Control
	Hazards	Flooding
	Effect on Mitigation Efforts	Provides funding to help reduce or eliminate the risk of repetitive flood damage.
Capital Improvements Project Funding	Purpose	Provides funding to hazard mitigation efforts
	Responsible Agency	BOS
	Hazards	All hazards
	Effect on Mitigation Efforts	Provides a mechanism to fund various hazard mitigation projects, such as building modernization and infrastructure improvement

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Community Development Block Grant	Purpose	The Community Development Block Grant (CDBG) Program provides annual grants on a formula basis to states, cities, and counties to develop viable urban communities by providing decent housing and a suitable living environment, and by expanding economic opportunities, principally for low- and moderate-income persons.
	Responsible Agency	Yavapai County
	Hazards	All hazards
	Effect on Mitigation Efforts	These grants assist in the development of more resilient communities decreasing the felt effects of all hazards.
Authority to Levy Taxes for Specific Purposes	Purpose	To raise funds to support specific, approved actions, and mitigation efforts of the County
	Responsible Agency	BOS – requires voter approval
	Hazards	All hazards
	Effect on Mitigation Efforts	Project specific hazard mitigation and threat reduction
Impact Fees for New Development	Purpose	To fund the costs associated with the increased demand for public services and infrastructure created by the development.
	Responsible Agency	BOS – requires voter approval
	Hazards	All hazards
	Effect on Mitigation Efforts	Impact fees are charged to offset the development of new building areas and support the development of supporting infrastructure. New infrastructure must meet current building codes and standards lessening the risk to the built environment from all hazards.
Incur Debt through Special Tax Bond	Purpose	
	Responsible Agency	BOS – requires voter approval
	Hazards	All hazards
	Effect on Mitigation Efforts	Provides funding for hazard mitigation projects
Incur Debt through General Obligation Bonds	Purpose	Provides funding for specific projects
	Responsible Agency	BOS
	Hazards	All hazards
	Effect on	Provides funding for hazard mitigation projects

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	Mitigation Efforts	
HMGP Post-Fire Assistance	Purpose	Help communities implement hazard mitigation measures after wildfire disasters.
	Responsible Agency	Emergency Management
	Hazards	Wildfire
	Effect on Mitigation Efforts	Provides assistance to help communities implement hazard mitigation measures after wildfire disasters as wildfires can not only destroy homes, businesses, infrastructure, natural resources and agriculture – it can increase secondary hazards such as floods, erosion and mudflows for years to come.
Building Resilient Infrastructure and Communities (BRIC)	Purpose	Helping communities reduce risks from future disasters and natural hazards.
	Responsible Agency	Emergency Management / Flood Control
	Hazards	All
	Effect on Mitigation Efforts	Provides funding to allow communities to undertake mitigation projects to reduce the risks from disasters and natural hazards we face.
NRCS Emergency Watershed Protection Grants	Purpose	To provide financial assistance immediately after a disaster to prevent additional flood damage – usually after large storm events or wildfires.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding/Post-fire flooding
	Effect on Mitigation Efforts	Provides funding to secure areas at risk of flooding after initial disaster event.
Other grant programs	Purpose	The Flood Control District is constantly reviewing other grant programs and applying for additional funding for flood mitigation and drought resiliency projects.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding and possibly droughts
	Effect on Mitigation Efforts	Provides additional funding to allow the district to manage more projects than we could on our own.
Improving Financial Funding		
Although Yavapai County has a number of grants and funding sources, Yavapai County will continue to explore federal and state grants, programs, and funding resources. Some avenues that will be explored include FEMA, DEMA, and DHS.		

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Staff/Personnel Resources Department/Agency	Involvement
Development Services: Planners Flood Control District: Engineers Public Works: Engineers	Planner(s) or engineer(s) with knowledge of land development and land management practices.
D.S: Professionals F.C: Engineers P.W: Engineers, Inspectors	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both.
D.S: Planners & Professionals F.C: Engineers & Professionals P.W: Emergency Managers, Engineers & Professionals	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both.
D.S: Professionals & Planners F.C: Engineers & Professionals P.W: Engineers, Inspectors, Emergency Managers	Staff with education or expertise to assess the community's vulnerability to hazards.
GIS: Professionals F.C: Engineers & Professionals P.W: Engineers	Personnel skilled in GIS, HAZUS, or both.
D.S: Professionals F.C: Engineers P.W: Engineers, Inspectors, Emergency Manager	Individuals familiar with the hazards of the community.
Engineers	The department engineers are responsible for reviewing and managing mitigation projects, as well as mapping updates. The manager of the Flood Warning program is also an engineer responsible for gauge maintenance and translation of data into usable information.
Hydrologist III	The Hydrologist III positions are responsible for managing the regulations side of the department, both in terms of everyday permitting and in managing other FEMA programs, such as the Community Rating System and the
Project Manager	The project manager is responsible for maintaining District-owned properties and for managing construction of mitigation projects.
Planner	The district planner monitors grant activities and applies for and manages grants.
Emergency Management Staff	Manager, Deputy EM, EM Planner, EM Specialist – OEM personnel are responsible for developing and maintaining a variety of Yavapai County plans including the EOP, MJHMP, Recovery Plan, THIRA/SPR (forthcoming), CWPP. Additionally, OEM coordinates YC LEPC activities and oversee EOC operations. We deal with grant administration and the reimbursement of money related to disasters and emergency response.

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NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Unincorporated Yavapai County has fewer than 50 identified repetitive loss structures and is a Category B community. As such, we send annual letters to areas identified near the structures to make sure residents know they are in an area identified as a repetitive loss area and encouraging them to buy flood insurance and contact the District with questions.

Figure 80 List of Professional Roles & Requirements of Roles

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Table 5-3-2: Town of Camp Verde Capability Assessment

Programs, Plans & Policies		
2016 General Plan	Purpose	The Town Council and Planning and Zoning Commission use the General Plan to evaluate land use changes. It is used by Town Staff in reviewing building and development regulations and preparing recommendations on projects. It is used by citizens and neighborhood groups to understand the Town's long-range plans and proposals for different areas. The General Plan also provides the basis for the Town's development regulations and its Capital Improvement Plan
	Responsible Agency	Community Development Services
	Hazards	All
	Effect on Mitigation Efforts	To assess the needs of the community and provide a long-term vision of the Town of Camp Verde
	Opportunities for Enhancement	The Town will improve the Plan by adopting and incorporating new building codes and standards and through modification of zoning areas to ensure flood controls and flood zones are adequately addressed.
Codes & Regulations		
Town of Camp Verde Administrative Code	Purpose	Establishes the minimum requirements designed to govern the division and use of land to secure public safety; provide adequate light and air; prevent overcrowding of land; facilitate adequate provision of transportation, water, drainage, sewage, schools, parks, and other public facilities; maintain and promote stable values of land and structures.
	Responsible Agency	Town Manager and Community Development Services
	Hazards	All
	Effect on Mitigation Efforts	Camp Verde's Planning & Zoning Ordinance is the Town's principal land use implementation tool. Its provisions support the future development goals established by the Town of Camp Verde General Plan which is informed by risk management processes and hazard mitigation.
	Opportunities for Enhancement	The Town will incorporate revisions to land use mapping, infrastructure development, and hazard modelling to improve future land use decisions.
2018-International Fire Code	Purpose	The International Fire Code (IFC) is a model code that regulates minimum fire safety requirements for new and existing buildings, facilities, storage, and processes.
	Responsible Agency	Community Development Services
	Hazards	Fire
	Effect on Mitigation Efforts	The IFC addresses fire prevention, fire protection, life safety and safe storage and use of hazardous materials in new and existing buildings, facilities, and processes.
	Opportunities for Enhancement	The Town does not have ability to improve on the codes outside of adopting current standards. The IFC undergoes constant review and is updated as needed to ensure fire safety and storage of hazardous materials.

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2018-International Building Code	Purpose	The International Building Code (IBC) is a model code that provides minimum requirements to safeguard the public health, safety, and general welfare of the occupants of new and existing buildings and structures.
	Responsible Agency	Community Development Services
	Hazards	The IBC addresses structural strength, means of egress, sanitation, adequate lighting and ventilation, accessibility, energy conservation and life safety regarding new and existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The Town does not have ability to improve on the codes outside of adopting current standards. The IBC codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-Existing Building Code	Purpose	The International Existing Building Code (IEBC) Encourages the use and reuse of existing buildings. This code covers repair, alteration, addition and change of occupancy for existing buildings and historic buildings, while achieving appropriate levels of safety without requiring full compliance with the new construction requirements contained in the other I-Codes.
	Responsible Agency	Community Development Services
	Hazards	The IEBC addresses structural strength, means of egress, sanitation, adequate lighting and ventilation, accessibility, energy conservation and life safety regarding existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The town does not have ability to improve on the codes outside of adopting current standards. The IBC codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-International Fuel Gas Code	Purpose	The International Fuel Gas Code (IFGC) is a model code that addresses the design and installation of fuel gas systems and gas fired appliances through prescriptive and performance requirements.
	Responsible Agency	Community Development Services
	Hazards	The IFGC addresses design requirements of fuel gas systems within residential and community properties to meet minimum safety standards in All-Hazards conditions
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The town does not have ability to improve on the codes outside of adopting current standards. The IFGC codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.

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2018- International Mechanical Code	Purpose	The International Mechanical Code (IMC) establishes minimum regulations for mechanical systems using prescriptive and performance-related provisions. The IMC was developed with broad-based principles that make possible the use of new materials, methods, and design.
	Responsible Agency	Community Development Services
	Hazards	The IMC addresses design requirements of mechanical systems within residential and community properties to meet minimum safety standards in All-Hazards conditions
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The town does not have ability to improve on the codes outside of adopting current standards. The IMC codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-International Residential Code	Purpose	The International Residential Code (IRC) is a model code that provides minimum requirements to safeguard the public health, safety, and general welfare of the occupants for one- and two-family dwellings and townhouses up to three stories.
	Responsible Agency	Community Development Services
	Hazards	The IRC addresses structural strength, means of egress, sanitation, adequate lighting and ventilation, accessibility, energy conservation and life safety regarding new and existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The town does not have ability to improve on the codes outside of adopting current standards. The IRC codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-International Plumbing Code	Purpose	The International Plumbing Code (IPC) provides minimum regulations for plumbing facilities in terms of both performance and prescriptive objectives and provides for the acceptance of new and innovative products, materials, and systems.
	Responsible Agency	Community Development Services
	Hazards	The IPC addresses sanitation for new and existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The Town does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2017 NEC	Purpose	National Electrical Code (NEC) is the benchmark for safe electrical design, installation, and inspection to protect people and property from electrical hazards
	Responsible Agency	Community Development Services
	Hazards	Electrical fires and electrocution

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	Effect on Mitigation Efforts	The NEC standardizes the practices of electrical installation and design for commercial and residential structures.
	Opportunities for Enhancement	The town does not have ability to improve on the codes outside of adopting and enforcing current standards. The NEC undergoes constant review and is updated as needed for safe electrical practices.
Financial Resources		
Community Development Block Grants	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Camp Verde
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Capital Improvements Project Funding	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Camp Verde
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Levy Taxes for Specific Purposes	Purpose	Provide funding for specific purposes
	Responsible Agency	Town of Camp Verde
	Hazards	Specific with voter approval required
	Effect on Mitigation Efforts	With voter approval, funds can be applied to specific projects to aid with hazard mitigation.
Fees for water, sewer, gas, or electric service	Purpose	Provide additional funding for water and sewer purposes only
	Responsible Agency	Town of Camp Verde
	Hazards	Specific to water or sewer needs only
	Effect on Mitigation Efforts	Provide additional funding for water and sewer purposes only to aid with hazard mitigation
Incur debt through general obligation bonds	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Camp Verde
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Incur debt through special tax bonds	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Camp Verde
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
	Effect on Mitigation	Provide additional funding as needed for specific projects as needed.

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	Efforts	
Improving Financial Funding		
Camp Verde will increase funding by exploring more hazard-specific funding and the county-level options available to decrease levies and incurring debt.		
Staff/Personnel Resources Department/Agency	Involvement	
John Knight - Community Development Director	Planner(s) or engineer(s) with knowledge of land development and land management practices	
Cory Mulcaire - Planner	Planner(s) or engineer(s) with knowledge of land development and land management practices	
BJ Ratlief - Planner	Planner(s) or engineer(s) with knowledge of land development and land management practices	
Chris Biggs – Plans Examiner	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Robert Wheeler – Zoning Inspector	Planner(s) or engineer(s) with knowledge of land development and land management practices	
Ken Krebbs - Public Works Director	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Bruce Connelly – Civil Engineer	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Roxanne Jasman - Certified Building Official	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Gayle Mabery - Town Manager	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both	
Corey L. Rowley – Town Marshal	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both	
Heather Vinson – Risk Management Director	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both	
NFIP Participation		
Adoption of NFIP minimum floodplain management criteria via local regulation	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1	
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1	
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1	
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1	
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Unincorporated Yavapai County has fewer than 50 identified repetitive loss structures and is a Category B community. As such, we send annual letters to areas identified near the structures to make sure residents know they are in an area identified as a repetitive loss area and encouraging them to buy flood insurance and contact the District with questions.	

Figure 81 Table 5-3-2: Camp Verde Capability Assessment

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Table 5-3-3: Chino Valley Capability Assessment

Programs, Plans & Policies		
The Unified Development Ordinance of the Town of Chino Valley	Purpose	To secure safety from fire, panic, and other dangers; to provide adequate light and air; to lessen congestion in the streets; to prevent the overcrowding of land; to avoid undue concentration of population; to facilitate the adequate provision of transportation, water, sewage disposal; schools, parks, and other public requirements; to provide for the social, physical, and economic advantages resulting from comprehensive and orderly planned use of land resources; to allow for the orderly implementation of the General Plan; and to otherwise promote the health, safety, convenience, and general welfare of the citizens of Chino Valley, Arizona
	Responsible Agency	Town of Chino Valley Development Services and Public Works
	Hazards	All
	Effect on Mitigation Efforts	Provides a standard for zoning regulations and other public requirements as outlined in the General Plan.
	Opportunities for Enhancement	The Town will improve the Plan by incorporating revisions to land use mapping adding infrastructure development and hazard modelling.
2014 General Plan	Purpose	The General Plan is a community's long-range vision for the next 20+ years. It is designed to serve as the jurisdiction's blueprint for future development, informing future social, economic, and physical development decisions. The plan includes the community vision, goals, and policies, with maps and an implementation plan.
	Responsible Agency	Town of Chino Valley Development Services and Public Works
	Hazards	All
	Effect on Mitigation Efforts	To assess the needs of the community and provide a long-term vision of the Town of Chino Valley
	Opportunities for Enhancement	The Town will improve on Plan by incorporating new standards and policies. The next revision will start in 2023 and be finalized in 2024.
2011 Town of Chino Valley Area Drainage Master Study	Purpose	To mitigate potential flooding areas throughout the jurisdiction
	Responsible Agency	Town of Chino Valley Development Services and Public Works
	Hazards	Flooding
	Effect on Mitigation Efforts	To properly assess the potential areas of flooding and mitigate damages to properties and life safety
	Opportunities for Enhancement	The Town will incorporate hazard modelling to ensure sufficient drainage exists and that sufficient mitigation measures are in place for the community.

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Great Western and Chino Valley Extension Corridor	Purpose	To enhance the current access to and from the Town of Chino Valley by creating an additional route which will improve the traffic flow to and from the town.
	Responsible Agency	Town of Chino Valley Development Services and Public Works
	Hazards	All
	Effect on Mitigation Efforts	To enhance traffic flow and emergency access.
	Opportunities for Enhancement	The Town will perform a study of the road system to relieve congestion and create additional access in case of emergency situations.
Central Yavapai Metropolitan Planning Organization	Purpose	To cooperatively plan the transportation future of the Central Yavapai region that falls within the 401.46 square miles of the MPO Planning Boundary Through this cooperative effort, the participating agencies have made a commitment to their citizens that as the region grows, their multi-modal transportation system will grow with it to accommodate all needs, including roads and highways for cars and trucks, public transit, and pathways for bicycles and pedestrians.
	Responsible Agency	A partnership of Town of Chino Valley, City of Prescott, Dewey-Humboldt, Prescott Valley, Yavapai County, and the Arizona Department of Transportation
	Hazards	Transportation
	Effect on Mitigation Efforts	To enhance local street and road networks for current and future use.
	Opportunities for Enhancement	The Town will perform engineering studies to identify the most viable traffic corridor alignments and or desirable locations
Small Area Transportation Plan	Purpose	To develop a comprehensive range of alternative corridors to consider and identify the challenges and opportunities for the least damaging and most advantageous corridor's location.
	Responsible Agency	Town of Chino Valley Development Services and Public Works
	Hazards	Transportation
	Effect on Mitigation Efforts	To enhance local street and road networks for current and future use.
	Opportunities for Enhancement	The Town will perform engineering studies to confirm the feasibility of the most viable corridor alignments and identify feasible or desirable locations for project termini at State Route 89 and the Road 5 South / Great Western corridor.
Integrated Water Master Plan and Capital Improvement Plan for Old Home Manor	Purpose	Providing professional services to create an integrated water resources, water, wastewater, and reclaimed water master plan ("IWMP") and capital improvement plan ("CIP") for the Town-owned property known as Old Home Manor.
	Responsible Agency	Town of Chino Valley Development Services and Public Works
	Hazards	Water Supply

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	Effect on Mitigation Efforts	Providing safe drinking water to citizens and livestock; processing of wastewater and reclaimed water.
	Opportunities for Enhancement	The Town will seek opportunities to improve the current infrastructure by exploring additional sources of water.
Codes & Regulations		
2018-International Fire Code	Purpose	The International Fire Code (IFC) is a model code that regulates minimum fire safety requirements for new and existing buildings, facilities, storage, and processes.
	Responsible Agency	Town of Chino Valley Public Works and Development Services
	Hazards	Fire
	Effect on Mitigation Efforts	The IFC addresses fire prevention, fire protection, life safety and safe storage and use of hazardous materials in new and existing buildings, facilities and processes.
	Opportunities for Enhancement	The Town does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-IBC, IRC, IFGC, IMC, IPC	Purpose	The International Building Code (IBC) is a model code that provides minimum requirements to safeguard the public health, safety, and general welfare of the occupants of new and existing buildings and structures.
	Responsible Agency	Town of Chino Valley Public Works and Development Services
	Hazards	The IBC addresses structural strength, means of egress, sanitation, adequate lighting and ventilation, accessibility, energy conservation and life safety in regard to new and existing buildings, facilities and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The Town does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2017 NEC	Purpose	National Electrical Code (NEC) is the benchmark for safe electrical design, installation, and inspection to protect people and property from electrical hazards
	Responsible Agency	Town of Chino Valley Public Works and Development Services
	Hazards	Electrical fires and electrocution
	Effect on Mitigation Efforts	The NEC standardizes the practices of electrical installation and design for commercial and residential structures.

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	Opportunities for Enhancement	The town does not have ability to improve on the codes outside of adopting and enforcing current standards. The NEC undergoes constant review and is updated as needed for safe electrical practices.
Financial Resources		
Community Development Block Grants	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Chino Valley
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Capital Improvements Project Funding	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Chino Valley
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Levy Taxes for Specific Purposes	Purpose	Provide funding for specific purposes
	Responsible Agency	Town of Chino Valley
	Hazards	Specific with voter approval required
	Effect on Mitigation Efforts	With voter approval, funds can be applied to specific projects to aid with hazard mitigation.
Fees for water, sewer, gas, or electric service	Purpose	Provide additional funding for water and sewer purposes only
	Responsible Agency	Town of Chino Valley
	Hazards	Specific to water or sewer needs only
	Effect on Mitigation Efforts	Provide additional funding for water and sewer purposes only to aid with hazard mitigation
Impact fees for homebuyers or new developments/homes	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Chino Valley
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Incur debt through general obligation bonds	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible	Town of Chino Valley

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	Agency	
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Incur debt through special tax bonds	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Chino Valley
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Improving Financial Funding		
Chino Valley will increase funding by exploring more hazard-specific funding and the county-level options available to decrease levies and incurring debt.		

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Staff/Personnel Resources Department/Agency	Involvement
Laurie Lineberry-Development Services Director	Planner(s) or engineer(s) with knowledge of land development and land management practices
Frank Marbury, P.E.-Town Engineer/Public Works Director	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both
Steven Sullivan, P.E. -Assistant Town Engineer	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both
Kurt Morrill-Public Works Inspector	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both
Dan Trout-Chief Building Official	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both
Frank Marbury, P.E.-Town Engineer/Public Works Director	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both
Cindy Blackmore-Town Manager	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both
Chuck Wynn-Chief of Police	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both
Frank Marbury, P.E.-Town Engineer/Public Works Director	Floodplain Manager
Tracey Dashiell-Code Enforcement Officer	Staff with education or expertise to assess the community's vulnerability to hazards
Will Dingee-Assistant Director - Development Services	Personnel skilled in GIS, HAZUS, or both
Frank Marbury, P.E.-Town Engineer/Public Works Director	Emergency Manager
NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	City Code 152
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	City Code 152
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	City Code 152
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	City Code 152
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Chino Valley has no repetitive loss properties. As such, after an event, public outreach and information on NFIP enrollment is increased. Building code and land use restrictions are also revised to reflect improvement.

Figure 82 Table 5-3-3: Chino Valley Capability Assessment

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Table 5-3-4: Clarkdale Capability Assessment

Programs, Plans & Policies		
SR89A Focus Area Plan	Purpose	To increase interest in the commercial development along SR89A corridor while creating sustainable infrastructure and minimizing environmental impact.
	Responsible Agency	Community development
	Hazards	Severe Wind Flooding Landslide Mudslide
	Effect on Mitigation Efforts	Development of commercial and residential properties along 89A
	Opportunities for Enhancement	The Town will improve the Plan by developing mitigation activities and measures to lessen effects of hazards in the area.
2021 General Plan	Purpose	The General Plan is a community's long-range vision for the next 20+ years. It is designed to serve as the jurisdiction's blueprint for future development, informing future social, economic, and physical development decisions. The plan includes the community vision, goals, and policies, with maps and an implementation plan.
	Responsible Agency	Town Clarkdale Development Services
	Hazards	All
	Effect on Mitigation Efforts	To assess the needs of the community and provide a long-term vision of the Town of Clarkdale
	Opportunities for Enhancement	The county will improve the Plan by incorporating revisions to land use mapping, adding infrastructure development, and hazard modelling. Additional policy changes and new standards will also be developed.
Codes & Regulations		
Town Code for Clarkdale (2022)	Purpose	Codifies General Ordinances of the Town of Clarkdale
	Responsible Agency	Clarkdale City Council, maintained by Town Clerk
	Hazards	Earthquakes, Drought, Fire, Flood, Storms
	Effect on Mitigation Efforts	Establishes the use and enforcement of the 2018 ICC Building Codes, 2017 National Electric Code, 2018 International Fire Codes, Flood Damage Prevention measures, codifies the Drought and Water Shortage Preparedness Plan
	Opportunities for Enhancement	The Town will adopt and enforce new international codes and standard to protect commercial and residential structures.

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2018-International Fire Code	Purpose	The International Fire Code (IFC) is a model code that regulates minimum fire safety requirements for new and existing buildings, facilities, storage, and processes.
	Responsible Agency	Town of Clarkdale Public Works and Development Services
	Hazards	Fire
	Effect on Mitigation Efforts	The IFC addresses fire prevention, fire protection, life safety and safe storage and use of hazardous materials in new and existing buildings, facilities, and processes.
	Opportunities for Enhancement	The Town does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-IBC, IRC, IFGC, IMC, IPC	Purpose	The International Building Code (IBC) is a model code that provides minimum requirements to safeguard the public health, safety, and general welfare of the occupants of new and existing buildings and structures.
	Responsible Agency	Town of Clarkdale Public Works and Development Services
	Hazards	The IBC addresses structural strength, means of egress, sanitation, adequate lighting and ventilation, accessibility, energy conservation and life safety regarding new and existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The Town does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2017 NEC	Purpose	National Electrical Code (NEC) is the benchmark for safe electrical design, installation, and inspection to protect people and property from electrical hazards
	Responsible Agency	Town of Clarkdale Public Works and Development Services
	Hazards	Electrical fires and electrocution
	Effect on Mitigation Efforts	The NEC standardizes the practices of electrical installation and design for commercial and residential structures.
	Opportunities for Enhancement	The town does not have ability to improve on the codes outside of adopting and enforcing current standards. The NEC undergoes constant review and is updated as needed for safe electrical practices.

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Financial Resources		
Community Development Block Grants	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Clarkdale
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Capital Improvements Project Funding	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Clarkdale
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Levy Taxes for Specific Purposes	Purpose	Provide funding for specific purposes
	Responsible Agency	Town of Clarkdale
	Hazards	Specific with voter approval required
	Effect on Mitigation Efforts	With voter approval, funds can be applied to specific projects to aid with hazard mitigation.
Fees for water, sewer, gas, or electric service	Purpose	Provide additional funding for water and sewer purposes only
	Responsible Agency	Town of Clarkdale
	Hazards	Specific to water or sewer needs only
	Effect on Mitigation Efforts	Provide additional funding for water and sewer purposes only to aid with hazard mitigation
Incur debt through general obligation bonds	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Clarkdale
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Incur debt through special tax bonds	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Clarkdale
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Improving Financial Funding		
Clarkdale will increase funding by exploring more hazard-specific funding and the county-level options available to decrease levies and incurring debt.		

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Staff/Personnel Resources Department/Agency	Involvement
Planning Commission & Design Review Board	A town Council appointed position to review building and sign designs, site plans, subdivisions, zone change requests and conditional use permits.
Ruth Mayday - Community Development Director	Planner(s) or engineer(s) with knowledge of land development and land management practices
Tom Blanchard - Senior Planner	Planner(s) or engineer(s) with knowledge of land development and land management practices
Cory Franek - Public Works Director	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both
Bob Pipkin - Chief Building Official	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both
Susie Guthrie - Town Manager	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both
Chuck Wynn-Chief of Police	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both
LT Joe Candelaria, Clarkdale Police Department	Emergency Manager
NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Unincorporated Yavapai County has fewer than 50 identified repetitive loss structures and is a Category B community. As such, we send annual letters to areas identified near the structures to make sure residents know they are in an area identified as a repetitive loss area and encouraging them to buy flood insurance and contact the District with questions.

Figure 83 Table 5-3-4: Clarkdale Capability Assessment

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Table 5-3-5: Cottonwood Capability Assessment

Programs, Plans & Policies		
Firewise Communities	Purpose	Community education and best practices for mitigation through Firewise Communities.
	Responsible Agency	Shared program between Cottonwood Fire Department and individual community groups.
	Hazards	Impacts of wildfire on communities.
	Effect on Mitigation Efforts	Coordinated mitigation on fuels management between the City of Cottonwood and individual communities seeking grant opportunities, low-cost individual contributions to mitigation projects, coordinated defensible space, coordination with federal, state, and local partners.
	Opportunities for Enhancement	The city will seek opportunities to involve additional communities, research and request additional grants for education and promotion of the program, and identify opportunities to build county-wide support.
City of Cottonwood Wildland Fuels Mitigation Program	Purpose	To promote and protect the health, peace, safety, comfort, convenience, and general welfare of the residents within the jurisdictional area of Cottonwood, Arizona; to minimize public and private losses due to wildfires, and associated flooding; and to enable its residents to participate in the National Firewise Program, receive disaster assistance, grant funding, obtain/maintain appropriate insurance coverage, and reduce the cost of insurance.
	Responsible Agency	City of Cottonwood Fire Department
	Hazards	Wildfire fuels
	Effect on Mitigation Efforts	High, this program was recently brought forward to reflect the changes of development within the city and associated annexations. It has assisted in educating, developing codes within wildfire prone areas. Additionally, it has created opportunity for the Fire Department to directly provide this service and opportunities for expansion in the future.
	Opportunities for Enhancement	The city will develop the ordinance to identify and provide modern technologies and tools to mitigate the community's exposure to the impacts of future wildfire events with development of existing areas and future areas.
Law Enforcement Training to address threats	Purpose	Law enforcement lead safety and security training for public and business partners
	Responsible Agency	City of Cottonwood Police Department
	Hazards	Acts of Violence, Terrorism (foreign and domestic)
	Effect on Mitigation Efforts	High, this program has been in place within the city for a period of time. It has assisted in educating, developing best practices within the city at large and individual businesses. Additionally, it has created opportunity for the Police Department to directly provide this service and opportunities for expansion in the future.
	Opportunities for Enhancement	The city will develop the ordinance to identify and provide modern technologies and tools to mitigate the community's exposure to the impacts of active violence and the myriad of the terrorism nexus with

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		development of existing areas and future areas.
K-12 Education Programs	Purpose	In-school education programs for the youth
	Responsible Agency	Cottonwood Fire Department
	Hazards	Juvenile Fire Setter concerns, Cultural evolution of youth in the community
	Effect on Mitigation Efforts	Improved understanding of the youth about the dangers associated with fire, continuing education of youth throughout total educational time affords opportunities for children to be better prepared as adults in the community.
	Opportunities for Enhancement	The city will develop programs and awareness training about local hazards for all levels of education. The City will explore grant opportunities to fund the development and delivery of the training.
Codes & Regulations		
City of Cottonwood Codes and Ordinances: Title 8 Health and Safety	Purpose	Defines the associated sections and subcategories, to include A.R.S. information on general health and safety for the City of Cottonwood
	Responsible Agency	City of Cottonwood
	Hazards	Brush, Appliance, Vehicles, Building materials, Hazardous products, and Public Nuisance: Rubbish, trash, brush, grass, weeds, and debris
	Effect on Mitigation Efforts	High, these codes support fire mitigation efforts by enforcing and guiding acceptable practices for cleanliness, and hazard abatement throughout the city
	Opportunities for Enhancement	The City will establish, adopt, and enforce mitigation policies to reduce the risks associated with local hazards.

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City of Cottonwood Codes and Ordinances: Title 15 Buildings and Construction	Purpose	Defines the associated sections and subcategories, to include A.R.S. information on general Building and Construction for the City of Cottonwood
	Responsible Agency	City of Cottonwood
	Hazards	Chapter 15.08 - BUILDING CODE Chapter 15.10 - ENERGY CODE Chapter 15.12 - PLUMBING CODE Chapter 15.16 - ELECTRICAL CODE Chapter 15.20 - MECHANICAL CODE Chapter 15.24 - FIRE CODE Chapter 15.28 - INTERNATIONAL PROPERTY MAINTENANCE CODE Chapter 15.33 - UNIFORM CODE FOR BUILDING CONSERVATION Chapter 15.36 - MANUFACTURED HOUSING Chapter 15.40 - STORMWATER DETENTION Chapter 15.44 - OFF-SITE IMPROVEMENTS
	Effect on Mitigation Efforts	Building codes establish minimum standards for construction practices and materials, aiming to ensure the safety and resilience of structures.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The NEC undergoes constant review and is updated as needed for safe electrical practices.
City of Cottonwood Codes and Ordinances: Title 18 Zoning and Land Use	Purpose	Defines the associated sections and subcategories, to include A.R.S. information on general Building and Construction for the City of Cottonwood
	Responsible Agency	City of Cottonwood
	Hazards	Chapter 18.04 - ZONING ORDINANCE Chapter 18.08 - FLOODPLAIN MANAGEMENT
	Effect on Mitigation Efforts	Effective zoning can help steer development away from high-risk areas prone to natural hazards, such as floodplains or landslide zones, reducing vulnerability and potential losses.
	Opportunities for Enhancement	The city will improve the Ordinance by incorporating revisions to land use mapping, adding infrastructure development, and hazard modelling.
Financial Resources		
Grant Funding	Purpose	Support wildfire mitigation projects
	Responsible Agency	City of Cottonwood; Cottonwood Fire Department
	Hazards	Wildland fuels, cascade impacts from wildfire threat, to include, debris management, flooding conditions, and infrastructure protection
	Effect on Mitigation Efforts	Without this funding source the city has no capability to address these potential hazards financially.

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Improving Financial Resources	
Cottonwood will increase mitigation by exploring different hazard-specific funding opportunities including county-level programs and levees.	
Staff/Personnel Resources Department/Agency	Involvement
Planners	The City of Cottonwood maintains planners in the Public Works Department, Wastewater Department, and the Community Development Department. Each is charged with monitoring and maintaining all codes and ordinances pertaining to the specific discipline and the coordination with all local, regional, state, and federal partner/stakeholders.
Engineers	The City of Cottonwood maintains engineers in the Public Works Department, Wastewater Department, and the Community Development Department. Each is charged with monitoring and maintaining all codes and ordinances pertaining to the specific discipline and the coordination with all local, regional, state, and federal partner/stakeholders.
Emergency manager	The City of Cottonwood maintains an emergency manager in the Fire Department, (Fire Chief). The EM is charged with monitoring and maintaining all industry standards, best practices, codes, and ordinances pertaining to the specific discipline and the coordination with all local, regional, state, and federal partner/stakeholders.
Inspectors	The City of Cottonwood maintains inspectors in the Public Works Department, Fire Department, and the Community Development Department. Each is charged with monitoring and maintaining all codes and ordinances pertaining to the specific discipline and the coordination with all local, regional, state, and federal partner/stakeholders.
Planning and Zoning Commission	The City of Cottonwood maintains a Planning and Zoning commission that is coordinated with the City Council. This group is charged with monitoring and maintaining all codes and ordinances pertaining to the specific discipline and the coordination with all local, regional, state, and federal partner/stakeholders.
NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	City Ordinance 615
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	City Ordinance 615
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	City Ordinance 615
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	City Ordinance 615
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Cottonwood has no repetitive loss properties. As such, after an event, public outreach, and information on NFIP enrollment is increased. Building code and land use restrictions are also revised to reflect improvement

Figure 84 Table 5-3-5: Cottonwood Capability Assessment

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Table 5-3-6: Dewey-Humboldt Capability Assessment		
Programs, Plans & Policies		
Yavapai County Drainage Design Manual (July 2015)	Purpose	Provide more comprehensive guidance for the engineering and building community and the citizens of Dewey-Humboldt to help ensure that design and construction of drainage infrastructure and development in and around flood hazard areas are completed to required minimum standards.
	Responsible Agency	Dewey-Humboldt
	Hazards	Flooding
	Effect on Mitigation Efforts	The purpose is to set regulations to new construction to prevent flooding from the standard flood event.
	Opportunities for Enhancement	The county will improve the Manual and Ordinance by developing written clarification on the authority of the county to regulate certain types of construction and violations procedures
Area Drainage Master Plans	Purpose	Provide a more detailed look at existing flooding areas on a neighborhood level and identify potential mitigation activities, usually construction projects.
	Responsible Agency	Dewey-Humboldt
	Hazards	Flooding
	Effect on Mitigation Efforts	The program will provide the Town with a list and priority ranking of projects in known flood problem areas that the Town can choose from when planning projects during the budget and for applying for grants.
	Opportunities for Enhancement	The Town will develop a Plan to identify problem areas and future projects to mitigate flood potential by ensuring sufficient drainage and adequate zoning is applied to current and future development.
National Flood Insurance Program	Purpose	To identify flood risks for regulating purposes.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding
	Effect on Mitigation Efforts	The program sets the standard for identifying and regulating potential risk to new development.
	Opportunities for Enhancement	The town does not have the ability to improve on the NFIP, but it will use new and emerging technology to map flood areas, limit construction in flood zones, and provide information to the residents on enrollment and their local flood hazards.
Flood Warning Program	Purpose	To measure in real time precipitation amounts and activity in running streams.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding
	Effect on Mitigation Efforts	Having our rain gauge network live in real time allows the District, the National Weather Service, and First Responders to monitor real time ground truth rainfall and runoff activity to prioritize warnings and flood

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		activity monitoring.
	Opportunities for Enhancement	The district will improve the Program by adding gauges and maintaining/upgrading the entire network to display real, relevant data for the community. Additional improvements will be made to ensure the community is aware of the program.
Financial Resources		
YCFC D IGA	Purpose	The Flood Control District collects a secondary property tax and gives a portion of the taxes collected from incorporated communities back for drainage projects.
	Responsible Agency	Dewey-Humboldt
	Hazards	Flooding and potentially drought in partnership with other agencies.
	Effect on Mitigation Efforts	The funding provides the Town with an opportunity to do more maintenance of drainage infrastructure.
Improving Financial Resources		
Dewey-Humboldt will increase mitigation funding by exploring different hazard-specific funding, county-level programs, and levees.		
Codes & Regulations		
Yavapai County Flood Damage Prevention Ordinance 2018-1	Purpose	Meet the NFIP requirements and beyond for flood regulation to protect new construction from the 1% Chance Storm Event.
	Responsible Agency	Yavapai County Flood Control District
	Hazards	Flooding
	Effect on Mitigation Efforts	The Ordinance and associated regulations require structures to be built in a way to prevent flooding from the standard flooding event.
	Opportunities for Enhancement	Our violations policy recently came into question and some potential improvements were identified in clarifying our authority and policy for enforcing certain parts of the Ordinance.

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MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Staff/Personnel Resources Department/Agency	Involvement
County Hydrologists	The Hydrologists are responsible for managing the regulations side of the department, both in terms of everyday permitting and in managing other FEMA programs, such as the Community Rating System.
Town Engineer	The Town Engineer is responsible for drainage regulations and project management outside of the FEMA Flood Hazard Areas.
NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Unincorporated Yavapai County has fewer than 50 identified repetitive loss structures and is a Category B community. As such, we send annual letters to areas identified near the structures to make sure residents know they are in an area identified as a repetitive loss area and encouraging them to buy flood insurance and contact the District with questions.

Figure 85 Table 5-3-6: Dewey-Humboldt Capability Assessment

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Table 5-3-7: Jerome Capability Assessment		
Programs, Plans & Policies		
Jerome Town Code	Purpose	Provide comprehensive guidance for the town direction. Includes by reference: 2012 International Building Code, 2018 Uniform Code for the Abatement of Dangerous Buildings, 2012 International Residential, Plumbing, Mechanical, Fuel Gas, Property Maintenance, and One- and Two-Family International Dwelling Codes, 2018 International Fire Code, 2002 National Electrical Code, 2003 Town of Jerome Grading Ordinance, 2009 Town of Jerome Administrative Code
	Responsible Agency	Chief Building Official, Zoning Administrator
	Hazards	All
	Effect on Mitigation Efforts	The purpose is to set regulations to new construction and updates to reduce the effect a hazard has on the town
	Opportunities for Enhancement	The Town does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
Financial Resources		
Community Development Block Grants	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Jerome
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Capital Improvements Project Funding	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Jerome
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Levy Taxes for Specific Purposes	Purpose	Provide funding for specific purposes
	Responsible Agency	Town of Jerome
	Hazards	Specific with voter approval required
	Effect on Mitigation Efforts	With voter approval, funds can be applied to specific projects to aid with hazard mitigation.
Fees for water, sewer, gas, or electric service	Purpose	Provide additional funding for water and sewer purposes only
	Responsible Agency	Town of Jerome

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	Hazards	Specific to water or sewer needs only
	Effect on Mitigation Efforts	Provide additional funding for water and sewer purposes only to aid with hazard mitigation
Impact fees for homebuyers or new developments/homes	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Jerome
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Incur debt through general obligation bonds	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	Town of Jerome
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Increase Financial Resources		
Camp Verde will increase funding by exploring more hazard-specific funding and the county-level options available to decrease levies and incurring debt.		
Staff/Personnel Resources Department/Agency	Involvement	
Planning Commission & Design Review Board	A town Council appointed position to review building and sign designs, site plans, subdivisions, zone change requests and conditional use permits.	
Marty Boland - Public Works Director	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Barry Wolstencroft- Building Inspector	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Brett Klein - Town Manager	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both	
Allen Muma - Chief of Police	Emergency Manager / Public Safety Officer with an understanding of natural, human-caused hazards, or both	

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NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Unincorporated Yavapai County has fewer than 50 identified repetitive loss structures and is a Category B community. As such, we send annual letters to areas identified near the structures to make sure residents know they are in an area identified as a repetitive loss area and encouraging them to buy flood insurance and contact the District with questions.

Figure 86 Table 5-3-7: Jerome Capability Assessment

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Table 5-3-8: Prescott Capability Assessment		
Programs, Plans, & Policies		
2015 General Plan	Purpose	The City Council and Planning and Zoning Commission use the General Plan to evaluate land use changes. It is used by City Staff in reviewing building and development regulations and preparing recommendations on projects. It is used by citizens and neighborhood groups to understand the City's long-range plans and proposals for different areas. The General Plan also provides the basis for the City's development regulations and its Capital Improvement Plan
	Responsible Agency	Development Services
	Hazards	Earthquake, Fire, Strong Wind, Flood
	Effect on Mitigation Efforts	Long range planning for area development
	Opportunities for Enhancement	The city will improve the Plan by incorporating revisions to land use mapping, adding infrastructure development, and hazard modelling.
Codes & Regulations		
Floodplain Management	Purpose	To protect citizens and maintain Flood Insurance and disaster relief
	Responsible Agency	Public Works
	Hazards	Flood
	Effect on Mitigation Efforts	Protect life & health, minimize expenditures, minimize rescue/relief efforts, minimize business interruption, minimize damage, participate in flood insurance and disaster relief
	Opportunities for Enhancement	The city will revise the Plan to include new and additional codes, policies, and other requirements from FEMA and the State to ensure the plan is in compliance and sufficient enforcement and zoning is conducted.

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2018-International Fire Code	Purpose	The International Fire Code (IFC) is a model code that regulates minimum fire safety requirements for new and existing buildings, facilities, storage, and processes.
	Responsible Agency	Community Development Services
	Hazards	Fire
	Effect on Mitigation Efforts	The IFC addresses fire prevention, fire protection, life safety and safe storage and use of hazardous materials in new and existing buildings, facilities, and processes.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-International Building Code	Purpose	The International Building Code (IBC) is a model code that provides minimum requirements to safeguard the public health, safety, and general welfare of the occupants of new and existing buildings and structures.
	Responsible Agency	Community Development Services
	Hazards	The IBC addresses structural strength, means of egress, sanitation, adequate lighting and ventilation, accessibility, energy conservation and life safety regarding new and existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-Existing Building Code	Purpose	The International Existing Building Code (IEBC) Encourages the use and reuse of existing buildings. This code covers repair, alteration, addition and change of occupancy for existing buildings and historic buildings, while achieving appropriate levels of safety without requiring full compliance with the new construction requirements contained in the other I-Codes.
	Responsible Agency	Community Development Services
	Hazards	The IEBC addresses structural strength, means of egress, sanitation, adequate lighting and ventilation, accessibility, energy conservation and life safety regarding existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.

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2018-International Fuel Gas Code	Purpose	The International Fuel Gas Code (IFGC) is a model code that addresses the design and installation of fuel gas systems and gas fired appliances through prescriptive and performance requirements.
	Responsible Agency	Community Development Services
	Hazards	The IFGC addresses design requirements of fuel gas systems within residential and community properties to meet minimum safety standards in All-Hazards conditions
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018- International Mechanical Code	Purpose	The International Mechanical Code (IMC) establishes minimum regulations for mechanical systems using prescriptive and performance-related provisions. The IMC was developed with broad-based principles that make possible the use of new materials, methods, and design.
	Responsible Agency	Community Development Services
	Hazards	The IMC addresses design requirements of mechanical systems within residential and community properties to meet minimum safety standards in All-Hazards conditions
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.

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2018-International Residential Code	Purpose	The International Residential Code (IRC) is a model code that provides minimum requirements to safeguard the public health, safety, and general welfare of the occupants for one- and two-family dwellings and townhouses up to three stories.
	Responsible Agency	Community Development Services
	Hazards	The IRC addresses structural strength, means of egress, sanitation, adequate lighting and ventilation, accessibility, energy conservation and life safety regarding new and existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2018-International Plumbing Code	Purpose	The International Plumbing Code (IPC) provides minimum regulations for plumbing facilities in terms of both performance and prescriptive objectives and provides for the acceptance of new and innovative products, materials, and systems.
	Responsible Agency	Community Development Services
	Hazards	The IPC addresses sanitation for new and existing buildings, facilities, and systems.
	Effect on Mitigation Efforts	This code was recently updated to reflect the changes of development within the county and building standards and building materials. It has assisted in regulating building safety within the town limits.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
2017 NEC	Purpose	National Electrical Code (NEC) is the benchmark for safe electrical design, installation, and inspection to protect people and property from electrical hazards
	Responsible Agency	Community Development Services
	Hazards	Electrical fires and electrocution
	Effect on Mitigation Efforts	The NEC standardizes the practices of electrical installation and design for commercial and residential structures.
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The NEC undergoes constant review and is updated as needed for safe electrical practices.

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Financial Resources		
General Fund	Purpose	Budget General Fund monies for continued maintenance of existing programs
	Responsible Agency	City Management, PW, Development Services
	Hazards	All
	Effect on Mitigation Efforts	Maintaining existing Firewise programs in conjunction with CAFMA, weed abatement, ROW & Town lot mowing.
YC Flood Control	Purpose	Receive flood dollars from Yavapai County for drainage improvements within the Town
	Responsible Agency	Public Works
	Hazards	Flood
	Effect on Mitigation Efforts	Reduce flooding and damage to homes & businesses near floodways and channels.
Community Development Block Grants	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	City of Prescott
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Capital Improvements Project Funding	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	City Management
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Levy Taxes for Specific Purposes	Purpose	Provide funding for specific purposes
	Responsible Agency	City Management
	Hazards	Specific with voter approval required
	Effect on Mitigation Efforts	With voter approval, funds can be applied to specific projects to aid with hazard mitigation.

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Fees for water, sewer, gas, or electric service	Purpose	Provide additional funding for water and sewer purposes only
	Responsible Agency	City Management
	Hazards	Specific to water or sewer needs only
	Effect on Mitigation Efforts	Provide additional funding for water and sewer purposes only to aid with hazard mitigation
Impact fees for homebuyers or new developments/homes	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	City Management
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Incur debt through general obligation bonds	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	City Management
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Increasing Financial Resources		
Prescott will increase funding by exploring more hazard-specific funding and the county-level options available to decrease levies and incurring debt.		
Staff/Personnel Resources Department/Agency	Involvement	
George Worley- Planning Manager	Planner(s) or engineer(s) with knowledge of land development and land management practices	
Construction Services Manager	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Public Works Director	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Ryan Greene- Certified Building Official	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both	
Michael Lamar- City Manager	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both	
Michelle Chavez - CDBG Grants Administrator	Planner(s) or professional(s) with knowledge of Grants submittal and proposal process	

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Matthew Killeen – Environmental Specialist	Planner(s) or engineer(s) with knowledge of land development and land management practices
Ian Mattingly – Traffic Engineer	Engineer(s) or professional(s) trained in construction practices related to buildings, infrastructure, or both
Marvin Lovlein – Registered Land Surveyor	Planner(s) or engineer(s) with knowledge of land development and land management practices
Marsha Collier -Fuels Management Coordinator	Planner(s) or engineer(s) with knowledge of land development and land management practices
Holger Durre – Fire Chief & Emergency Manager	Planner(s) or engineer(s) with an understanding of natural, human-caused hazards, or both
Thomas Knapp – Fire Marshall	Planner(s) or professional(s) trained in construction codes related to buildings, infrastructure, or both
Amy Bonney – Chief of Police & Emergency Manager	Planner(s) or professional r(s) with an understanding of natural, human-caused hazards, or both
NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	City Code 13-1: Floodplain Management
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	City Code 13-1: Floodplain Management
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	City Code 13-1: Floodplain Management
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	City Code 13-1: Floodplain Management
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Prescott has no repetitive loss properties. As such, after an event, public outreach, and information on NFIP enrollment is increased. Building code and land use restrictions are also revised to reflect improvement

Figure 76 Table 5-3-8: Prescott Capability Assessment

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Table 5-3-9: Prescott Valley Capability Assessment

Programs, Plans & Policies		
Codes & Ordinances	Purpose	Maintain and update the Town Code regarding policies and approved ordinances
	Responsible Agency	Development Services
	Hazards	Earthquake, Fire, Strong Wind, Flood
	Effect on Mitigation Efforts	Continual to keep current on international codes and Town Code
	Opportunities for Enhancement	The city will improve the codes and ordinances by incorporating revisions to land use mapping, adding infrastructure development, and hazard modelling.
Prescott Valley Parks & Recreation Master Plan 2020	Purpose	Enhance the park environments and usage within the Town.
	Responsible Agency	Community Services
	Hazards	Earthquake, Fire, Strong Wind, Flood
	Effect on Mitigation Efforts	Adopt standards, identify needs, preserve open space and trails
	Opportunities for Enhancement	The city will seek additional funding streams to identify and create defensible in the local areas. Opportunities for enhancement rely on continued funding and study to ensure that newly developed areas have “green” spaces incorporated in their design to provide mitigation measures.
Codes & Regulations		
IBC (2018)	Purpose	The International Building Code (IBC) is a model code that provides minimum requirements to safeguard the public health, safety, and general welfare of the occupants of new and existing buildings and structures.
	Responsible Agency	Development Services
	Hazards	Earthquake, Fire, Strong Wind, Flood
	Effect on Mitigation Efforts	Protect life & health, minimize expenditures
	Opportunities for Enhancement	The city does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
Town General Plan	Purpose	Maintain Code requirements and update regularly for all facets of the Town
	Responsible Agency	Development Services, Legal, Town Management
	Hazards	Earthquake, Fire, Strong Wind, Flood
	Effect on Mitigation Efforts	Protect life & health, minimize expenditures, maintain growth plan for the Town
	Opportunities for Enhancement	The city will improve the Plan by incorporating revisions to land use mapping, adding infrastructure development, and hazard modelling.

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Floodplain Management	Purpose	To protect citizens and maintain Flood Insurance and disaster relief
	Responsible Agency	Public Works
	Hazards	Flood
	Effect on Mitigation Efforts	Protect life & health, minimize expenditures, minimize rescue/relief efforts, minimize business interruption, minimize damage, participate in flood insurance and disaster relief
	Opportunities for Enhancement	The city will revise the Plan to include new and additional codes, policies, and other requirements from FEMA and the State to ensure the plan is in compliance and sufficient enforcement and zoning is conducted.
Financial Resources		
General Fund	Purpose	Budget General Fund monies for continued maintenance of existing programs
	Responsible Agency	Town Management, PW, Development Services
	Hazards	All
	Effect on Mitigation Efforts	Maintaining existing Firewise programs in conjunction with CAFMA, weed abatement, ROW & Town lot mowing.
Grants	Purpose	Apply for Grants relating to maintenance of programs and education
	Responsible Agency	Town Management
	Hazards	All
	Effect on Mitigation Efforts	Provides targeted funding for specific mitigation projects
Impact Fees	Purpose	Fees for new development to maintain existing programs
	Responsible Agency	Development Services
	Hazards	All
	Effect on Mitigation Efforts	Impact fees are charged to offset the development of new building areas and support the development of supporting infrastructure. New infrastructure must meet current building codes and standards lessening the risk to the built environment from all hazards.
YC Flood Control	Purpose	Receive flood dollars from Yavapai County for drainage improvements within the Town
	Responsible Agency	Public Works
	Hazards	Flood
	Effect on Mitigation Efforts	Reduce flooding and damage to homes & businesses near floodways and channels.
Improving Financial Resources		
Prescott Valley will increase funding by exploring more hazard-specific funding and the county-level options available to decrease levies and incurring debt.		

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Staff/Personnel Resources Department/Agency	Involvement	
Mayor & Town Council	All funding or grant applications are approved through the approval of Council.	
Town Management	Funding, grant writing, emergency management	
Police	Emergency management, grants, safety during hazard events	
Public Works	Floodplain management, safety during hazard events, emergency management relating to roads, ingress/egress	
Development Services	Planning, emergency management, inspections	
NFIP Participation		
Adoption of NFIP minimum floodplain management criteria via local regulation		City Code 12-1: Floodplain Management
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable		City Code 12-1: Floodplain Management
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs		City Code 12-1: Floodplain Management
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP		City Code 12-1: Floodplain Management
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.		Prescott Valley has no repetitive loss properties. As such, after an event, public outreach, and information on NFIP enrollment is increased. Building code and land use restrictions are also revised to reflect improvement

Figure 77 Table 5-3-9: Prescott Valley Capability Assessment

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Table 5-3-10: Sedona Capability Assessment		
Programs, Plans & Policies		
Sedona Community Plan	Purpose	Long-range planning document that sets guidelines and standards for which all new construction development and plans must follow. Supports sustainability, circulation, and evacuation plans.
	Responsible Agency	Community Development
	Hazards	Traffic and development impacts. environmental
	Effect on Mitigation Efforts	Sets the policy for circulation (traffic/transportation) and environment (sustainability)
	Opportunities for Enhancement	The city will develop a new Community Plan and incorporate updates in circulation, sustainability, housing, and environment.
Emergency Operations Plan City of Sedona EOP 2016	Purpose	A community risk assessment has identified all hazards that may impact the community. The threats range from "All Hazards", manmade and natural disaster.
	Responsible Agency	City of Sedona/Sedona Fire District
	Hazards	All Hazards
	Effect on Mitigation Efforts	Medium, Sedona is a popular tourist destination and as the population increases and tourist numbers continue to climb, we are faced with an increasing number of emergency responses of all types. Planning for a multitude of hazards based upon a risk assessment is paramount to success.
	Opportunities for Enhancement	The city will develop and implement a training plan to conduct and coordinate exercises with community stakeholders. The city will use AAR/IPs to identify gaps in policy and coordination and outline a corrective action plan to build capacity, capability, and coordination.
Codes & Regulations		
2018 ICC Building Codes (IBC, IRC, IECC, IEBC, IMC, and IFGC)	Purpose	Regulates safe construction practices in new construction, alterations, additions and repairs for buildings and structures.
	Responsible Agency	Building Safety Division
	Hazards	Fire, Flood, Earthquake
	Effect on Mitigation Efforts	Makes buildings. structures and their occupants safe and able to withstand hazards
	Opportunities for Enhancement	The city does not have ability to improve on the codes, but it will update/adopt the current 2024 I-Codes in late 2024. Once the codes are adopted, they will conduct enforcement accordingly.

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2017 National Electric Code	Purpose	Regulates safe electrical installation practices in new construction, alterations, additions and repairs for buildings and structures.
	Responsible Agency	Building Safety Division
	Hazards	Fires, electrocution. emergency egress from buildings
	Effect on Mitigation Efforts	Makes buildings, structures, and their occupants safe and minimizes damage to electrical components of emergency systems.
	Opportunities for Enhancement	The city does not have ability to improve on the codes, but it will update/adopt the current 2023 National Electrical Code in late 2024. Once the codes are adopted, they will conduct enforcement accordingly.
Sedona City Code	Purpose	It is the Code that allows the adoption of the Building Codes and sets additional requirements on property, rights-of-way, civil obedience. etc.
	Responsible Agency	Police Department. Community Development. Public Works
	Hazards	Wildfire, Fire, Flood, Earthquake
	Effect on Mitigation Efforts	The City Code is where the Building Codes and Electrical Code are adopted and amended. It also has city-wide requirements for everything from parking and outdoor storage to weed control and control of wood fireplaces.
	Opportunities for Enhancement	The city will improve on the Code by adopting policies to increase property maintenance measures, flood control measures and fire mitigation measures.
Sedona Land Development Code	Purpose	It is the zoning ordinance for the city that sets land use and design standards.
	Responsible Agency	Planning and Zoning Division of Community Development, Engineering Division of Public Works
	Hazards	Wildfire
	Effect on Mitigation Efforts	The Land Development Code sets standards for building heights and setbacks, circulation and street connectivity, landscape type, and other areas that can help stop or mitigate conflagration, control density, and to help in evacuation plans.
	Opportunities for Enhancement	The city will improve the Plan by incorporating revisions to land use mapping, adding infrastructure development, and hazard modelling.

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Community Wildfire Protection Plan (CWPP) WUI Fire Code 2018	Purpose	The International Wildland-Urban Interface Code (IWUIC) is a model code that is intended to be adopted and used supplemental to the adopted building and fire codes of a jurisdiction. The unrestricted use of property in wildland-urban interface areas is a potential threat to life and property from fire and resulting erosion
	Responsible Agency	Sedona Fire District
	Hazards	Wildfire
	Effect on Mitigation Efforts	Medium, this code was recently updated to reflect the changes of development within the county. It has assisted in regulating wildfire codes within the district.
	Opportunities for Enhancement	The city will develop the ordinance to identify and provide modern technologies and tools to mitigate the community's exposure to the impacts of future wildfire events with development of existing areas and future areas.
Community Development Checklist	Purpose	Provide for proper planning of future growth, emergency response to assure a mitigation plan in conjunction with new growth of the community.
	Responsible Agency	Sedona Fire District-Community Risk Reduction (CRR)
	Hazards	All Hazards
	Effect on Mitigation Efforts	Medium, identifies growth and assists in plan development for future community response needs.
	Opportunities for Enhancement	The city will prepare a comprehensive checklist that developers will complete to outline the possible effects the development will have on the district mitigation plan and its impacts to the community.

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Financial Resources		
Community Wildfire Defense Grants	Purpose	The Community Wildfire Defense Grants are intended to help at-risk local communities plan and reduce the risk against wildfire. The Act prioritizes at-risk communities in an area identified as having high or very high wildfire hazard potential, are low-income, and/or have been impacted by a severe disaster.
	Responsible Agency	Sedona Fire District
	Hazards	All
	Effect on Mitigation Efforts	The program prioritizes at-risk communities in an area identified as having high or very high wildfire hazard potential, are low-income, and/or have been impacted by a severe disaster.
Assistance to Firefighter Grants	Purpose	Enhance public safety and firefighter safety with respect to fire and fire-related hazards
	Responsible Agency	Sedona Fire District
	Hazards	All
	Effect on Mitigation Efforts	The Assistance to Firefighters Grants Program (AFGP) funds critically needed resources to equip and train emergency personnel, enhance efficiencies, and support community resilience.
Improving Financial Resources		
Sedona will increase mitigation by exploring different hazard-specific funding, county-level programs, and levees.		
Staff/Personnel Resources Department/Agency	Involvement	
City Planning Commission	Amongst other things, the Planning and Zoning Commission is the approval or recommending body for the Land Development Code, Land Use and Master Plans, Community Focus Areas and Community Plan as well as subdivision plats.	
Planners	Enforce and govern the Land Development Code (Zoning Ordinance)	
Building Inspectors	Enforce and govern the Building and Electrical Codes	
Plans Examiners	Enforce and govern the Building and Electrical Codes	
Code Enforcement Officers	Have a hand in enforcing the Land Development, Building and Electrical, and City Codes	
Planners with understanding of natural and human-caused	SFD executive team, CRR and managers are responsible for implementing policies, plans, and codes to provide for the safety of the residents and visitors of the SFD.	

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hazards	
Geographic Information Systems (GIS)	GIS personnel maintain various software to create maps and analyze data. This helps identify travel for evacuations, flood patterns, and wildfire potential.
Grant Writers	Grant writers support critical recovery initiatives, innovative research, and many other programs

NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	YAVAPAI COUNTY FLOOD CONTROL DISTRICT ORDINANCE 2018-1
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	Unincorporated Yavapai County has fewer than 50 identified repetitive loss structures and is a Category B community. As such, we send annual letters to areas identified near the structures to make sure residents know they are in an area identified as a repetitive loss area and encouraging them to buy flood insurance and contact the District with questions.

Figure 78 Table 5-3-10: Sedona Capability Assessment

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Table 5-3-11: Yavapai County Indian Tribe Capability Assessment

Programs, Plans & Policies		
Emergency Operation Plan for the Yavapai-Prescott Indian Tribe (2015)	Purpose	The YPIT-EOP has been developed to minimize the impacts of any adverse consequences of accidents and to establish policies and procedures for emergency response.
	Responsible Agency	YPIT Emergency Management
	Hazards	All
	Effect on Mitigation Efforts	This plan has not been updated since 2015. Due to Covid-19 and personnel changes it was put on hold and is scheduled for 2023-24
	Opportunities for Enhancement	The Tribe will enhance the current Plan by incorporating revisions to account for changes in technology, procedures/policies, and status of the Tribe.
Land Use Master Plan (1999)	Purpose	Directs the usage of different areas of the Reservation and identifies areas for development versus housing or areas to remain native.
	Responsible Agency	Planning
	Hazards	All
	Effect on Mitigation Efforts	The Land Use Master Plan evaluates current land use and projects areas for future development. In doing so, it examines hazards to the environment and limits the development in areas that are prone to hazard effects.
	Opportunities for Enhancement	The Tribe will prepare and adopt a new Plan incorporating revisions to land use mapping, adding infrastructure development, and hazard modelling. The Plan is scheduled for a complete revision in 2024.
Water Management Plan (1999)	Purpose	To identify water resources and uses of these resources by the Tribe
	Responsible Agency	Environmental Protection
	Hazards	Fire, Drought
	Effect on Mitigation Efforts	Serves as a strategic framework for managing water supply, allocation, conservation, and quality to meet current and future needs while considering environmental, social, and economic factors.
	Opportunities for Enhancement	The Tribe will develop a new plan with additional engineering studies to capture improvements in technology and to identify other areas of improvement to safeguard this resource and to meet current and future needs.

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Fire Management Plan (2002)	Purpose	The plan is intended to outline the kinds of fire management activities that occur on the YPIT Reservation, and they integrate with the overall land management of the Reservation.
	Responsible Agency	Environmental Protection
	Hazards	Wildfire
	Effect on Mitigation Efforts	Under this plan wildfire danger should be reduced on the Reservation. Grant money will be used to lessen the fuels load. The goal is the prevention of human caused fires and reducing the fuel load.
	Opportunities for Enhancement	The Tribe will enhance the plan by incorporating revisions which identify and provide modern technologies and tools to mitigate the Tribe's exposure to the impacts of future wildfire events with development of existing areas and future areas.
Yavapai-Indian Tribe Multi-Hazard Mitigation Plan (2018)	Purpose	The purpose was to establish a program for pre-disaster mitigation, streamline administration of disaster relief and control costs.
	Responsible Agency	Emergency Management
	Hazards	All
	Effect on Mitigation Efforts	Medium. With the plan in place many of the things were done although not necessarily as part of the plan and they are continued to this day in how we operate. We do coordinate with local agencies in various committees and groups and share information of an emergency and planning nature.
	Opportunities for Enhancement	The Tribe will enhance the Plan by partnering with Yavapai County in the development of a 2023 and 2028 MJHMP. The Tribe will seek adoption by the Board in lieu of writing a separate plan.
Codes & Regulations		
International Building Code 2018	Purpose	Building codes establish minimum standards for construction practices and materials, aiming to ensure the safety and resilience of structures. Codes include provisions related to structural integrity, fire safety, wind resistance, seismic resistance, flood mitigation, and other hazards.
	Responsible Agency	Planning
	Hazards	All hazard
	Effect on Mitigation Efforts	Provides a minimum building standard to ensure the safety and resilience of the structure.
	Opportunities for Enhancement	The Tribe does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
International Fire Code 2018	Purpose	Building codes establish minimum standards for construction practices and materials, aiming to ensure the safety and resilience of structures. Codes include provisions related to structural integrity, fire safety, wind resistance, seismic resistance, flood mitigation, and other hazards.

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	Responsible Agency	Planning
	Hazards	This addresses minimum fire safety requirements. The IFC addresses fire prevention, fire protection, life safety and safe storage and use of hazardous materials in new and existing buildings, facilities, and processes.
	Effect on Mitigation Efforts	Provides a minimum building standard to ensure the safety and resilience of the structure.
	Opportunities for Enhancement	The Tribe does not have ability to improve on the codes outside of adopting and enforcing current standards. The International codes are promulgated on a 3-year cycle to allow for new construction methods and technologies to be incorporated into the codes.
Law and Order Code Chapter 25 Zoning for Economic Development	Purpose	The Law-and-Order Code contains Chapter 25 Zoning for Economic Development
	Responsible Agency	Planning
	Hazards	This code promotes orderly economic development within the Reservation in conformance with the adopted comprehensive Land Use Master Plan.
	Effect on Mitigation Efforts	The code establishes standards for the development of the reservation property. It outlines zoning designations, and land use classifications. This information serves to protect the growth of the community and to minimize risk to identified hazards in the natural and built environment.
	Opportunities for Enhancement	The Tribe will improve the Code by incorporating revisions to land use mapping, adding infrastructure development, and hazard modelling.
Staff/Personnel Resources Department/Agency	Involvement	
Planner	The Planner is the head of the Planning Department where Environmental Protection and Emergency Management reside. He is involved in the planning, mitigation, and response aspects of Emergency Management. Understands construction, building activities and infrastructure.	
Environmental Protection Specialist (EPS)	The EPS is responsible for managing the EPA grants where some activities for emergency management originate.	
Emergency Manager (EM) / Environmental Technician (ET)	The EM at the present time is the ET. They are directly responsible for all activities with emergency management under the direction and supervision of the Planner and the EPS.	
Police Chief	The Police Chief plays a large role in our emergency management activities and is a trusted source of information and knowledge with a wealth of experience.	
Environmental Health Specialist (EHS)	The EHS is responsible for inspections, Safety Data Sheets reviews, and hazardous materials storage.	

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Financial Resources		
Community Development Block Grants	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	YPIT
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Capital Improvements Project Funding	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	YPIT
	Hazards	All
	Effect on Mitigation Efforts	Provide funds necessary for hazard mitigation efforts
Levy Taxes for Specific Purposes	Purpose	Provide funding for specific purposes
	Responsible Agency	YPIT
	Hazards	Specific with voter approval required
	Effect on Mitigation Efforts	With voter approval, funds can be applied to specific projects to aid with hazard mitigation.
Fees for water, sewer, gas, or electric service	Purpose	Provide additional funding for water and sewer purposes only
	Responsible Agency	YPIT
	Hazards	Specific to water or sewer needs only
	Effect on Mitigation Efforts	Provide additional funding for water and sewer purposes only to aid with hazard mitigation
Impact fees for homebuyers or new developments/homes	Purpose	Provide funds necessary for hazard mitigation efforts
	Responsible Agency	YPIT
	Hazards	All
	Effect on Mitigation Efforts	Provide additional funding as needed for specific projects as needed.
Improving Financial Resources		
YPIT will increase mitigation by exploring different hazard-specific funding, county-level programs, tribal-specific resources, and levees.		

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FEMA Grant Funding Opportunities	
Building Resilient Infrastructure and Communities (BRIC)	YPIT has not utilized this grant program.
Hazard Mitigation Grant Program	YPIT has not utilized this grant program.
Flood Mitigation Assistance	YPIT has not utilized this grant program.
Public Assistance	disaster declarations for COVID-19 (#3442 & 4524) with \$143k earmarked for Hazard Mitigation Assistance,
Pre-Disaster Mitigation	YPIT has not utilized this grant program.
Disaster Declaration	Open declarations for COVID-19 (#3442 & 4524) with \$143k earmarked for Hazard Mitigation Assistance

NFIP Participation	
Adoption of NFIP minimum floodplain management criteria via local regulation	This jurisdiction currently is not a participating member of the NFIP
Adoption of the latest effective Flood Insurance Rate Map (FIRM), if applicable	N/A
Implementation and enforcement of local floodplain management regulations to regulate and permit development in SFHAs	N/A
Appointment of a designee or agency to implement the addressed commitments and requirements of the NFIP	N/A
Description of how participants implement the substantial improvement/substantial damage provisions of their floodplain management regulations after an event.	N/A

Figure 79 Table 5-3-11: Yavapai County Indian Tribe Capability Assessment

5.4 Mitigation Strategy

The process for defining the list of mitigation measures for this Plan was accomplished by an assessment of the measures specified in the previous Plan. A new list of measures was developed by combining the carry forward results from the assessment with new measures when applicable.

During the assessment of the previous mitigation measures, a classification of “Keep” or “Revise” was carried forward to become part of the mitigation strategy for this Plan. All measures identified for deletion were removed and are not included in this Plan. The results of the assessment can be found in this Plan’s Appendices.

Current Mitigation Strategy

Upon completion of the assessment, each jurisdiction developed a mitigation strategy for this Plan. The strategy was based on the goal and objectives, results of the vulnerability analysis and capability assessment, and the planning team’s institutional knowledge of hazard mitigation needs in the community. For each A/P, the following elements were identified: Project Name & Description, Hazard(s) Mitigated, Estimated Cost, Anticipated Completion Date, Primary Agency, and Potential Funding Source(s).

Priority Ranking – each measure was assigned a priority ranking of “High”, “Medium”, or “Low”. The assignments were subjectively made using a simple process that assessed how well the measure satisfied the following considerations:

- o A favorable benefit versus cost evaluation, wherein the perceived direct and indirect benefits outweighed the project cost.
- o A direct beneficial impact on the ability to protect life, property, or both, from hazards.
- o A mitigation solution with a long-term effectiveness.

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Table 5-4-1: Yavapai County Mitigation Strategy

Priority Ranking	Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
H	Flood Hazard Mapping. Identify and map new flood hazard areas and update existing mapping in accordance with NFIP compliant requirements to protect existing and future buildings and infrastructure from flood hazards.	Flood	\$1.5M	September 2024	Flood Control District	Flood Control District
M	Flood Warning System. Install additional in stream, weather, and precipitation gauges in watersheds impacting Yavapai Co. To include website development and remote dial-up for public agencies.	Flood	\$500K	September 2024	Flood Control District	Flood Control District
H	Flood Damage Prevention, Drainage Criteria Ordinance and Storm water Management Plan. Amend ordinances to prevent flood damage and water quality degradation and to protect existing and future buildings and infrastructure.	Flood	\$100K	August 2024	Flood Control District	Flood Control District
H	Neighborhood Wildfire Assessment. Develop neighborhood wildfire assessment and rank at-risk neighborhoods with the goal to provide accurate wildfire information to residents and motivate them to implement personal and neighborhood mitigation measures.	Wildfire	\$500K	September 2024	Yavapai Co Firewise & Yavapai Co OWM	General Fund
H	Regional Wildland Fuels Crews. Develop and maintain two full-time crews dedicated to hazard fuel reduction in the wildland urban interface, and public education in the Prescott Basin and surrounding areas. The focus of the crew is wildland fire risk reduction in the wildland urban interface.	Wildfire	\$3M	September 2024	Prescott Fire & Central Yavapai Fire	USDA/FS Grants
M	Develop and maintain a County Wildland Fuels Mitigation Crew to support reduction in hazardous wildland fire fuels along roadways and riparian areas. Focus is to reduce the probability of roadside ignitions in the wildland urban interface	Wildfire	\$300K	September 2024	Public Works	General Fund, and USDA/FS Grants
H	Fire Wise Community Programs. Develop Fire Wise programs for all communities, neighborhoods and homeowners' associations within the wildland fire/urban interface including instruction materials & facilitating partnerships with insurance agencies.	Wildfire	\$15K	September 2024	HOA's, Community Groups	General Fund, and USDA/FS Grants
H	Wildfire Public Education Activities. Continue and expand Town Hall style meeting to include annual expo and continuation and expansion of the regional alert website to protect existing and future buildings and infrastructure. Over 10 years.	Wildfire	\$100k	September 2024	PAWUIC	General Fund USDA/FS Grants
H	County Wildland Mapping for State GIS. Establish and maintain a county component of the state GIS mapping system documenting forest treatments, hazard data, grants, etc.	Wildfire	\$25K	September 2024	County GIS	General Fund
	Boundary Project. Develop a 270-degree defensible wildfire boundary around interface immediately to the south of Prescott.	Wildfire	\$3M	September 2024	PAWUIC/ USFS	USDA/FS Grants

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Table 5-4-1: Yavapai County Mitigation Strategy						
Priority Ranking	Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
M	Repetitive Flood Loss Properties. Inform and coordinate property owners to flood mitigation programs such as retrofit and/or property acquisition. Per the requirements of the Community Rating System, the District sends out annual outreach material to residents with similar risks as the repetitive loss property outlining options for mitigation.	Flood	\$5M	September 2024	Flood Control District	Flood Control District
M	Purchase and Store Rain Gages for use after a forest fire to assist in mitigating flood and mudslide losses. During the event, the area is surveyed for a gauge location that not only will help with post-fire flooding in the immediate future but will also fit into the district's overall gauging plans.	Flood and Mudslide	\$50K	September 2024	Flood Control District	Flood Control District
M	Rimrock Area Drainage Study	Flood	\$200K	June 2024	Flood Control District	Flood Control District
M	Village of Oak Creek Area-Wide Construction Projects. Five of eight various flood mitigation projects as determined in the area-wide planning study. The purpose of the project is to identify causes of flooding issues and to identify and prioritize mitigation projects.	Flood	\$250K	September 2024	Flood Control District	Flood Control District
M	Ho Kay Gan Subdivision Drainage Improvements. Area-wide construction projects identified in ADMS. The purpose of the project is to identify causes of flooding issues and to identify and prioritize mitigation projects.	Flood	\$2.4M	June 2024	Flood Control District	Flood Control District
M	Install Water Quality BMPs and control measures to address contamination and flood mitigation in critical areas.	Flood	\$150K	July 2024	Flood Control District	Flood Control District
M	Prescott Country Club Drainage Improvements. Area-wide construction projects identified in ADMS. The purpose of the project is to identify causes of flooding issues and to identify and prioritize mitigation projects.	Flood	\$800K	June 2024	Flood Control District	Flood Control District

Figure 80 Table 5-4-1: Yavapai County Mitigation Strategy

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Table 5-4-2: Camp Verde Mitigation Strategy

Priority Ranking	Description	Hazard (s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
L	Enforce Adopted Building & Fire Codes. Continue to enforce Fire Code requirements for Adequate Fire Flow and Fire Access Lanes. Plan reviews, Building Inspections, and Fire Inspections.	Wildfire	\$87K	September 2024	Copper Canyon Fire & Medical Authority (Fire Marshal) Camp Verde Building Official	General Fund
H	Create and continue to enforce Nuisance Codes for Abatement of weeds garbage and debris to create defensible spaces around existing homes and buildings.	Wildfire	\$84K	September 2024	Community Dev Director	General Fund
H	Continue to implement and enforce Storm Water Master Plan (2017). Storm water and Sewer improvement projects within the Historical Town Site: Including installation of culverts, drainages, culvert extensions and constructing appropriately placed drainages at road crossings. Continue strengthening and maintenance of roadside drainages.	Flooding	\$150K	September 2024	Public Works/Utilities Directors.	General Fund
H	Flood Prone Property Acquisition in Verde Lakes area including Verde Lakes Drive/Clear Creek Restoration area, and Ward Ranch Gully Flood plain restoration area. To accommodate Verde Lakes, West Clear Creek and Ward Ranch Gully habitat and Flood Plain restoration/remediation.	Flooding, Fire	\$100K	September 2024	Public Works/Utilities Directors	General Fund, County Funds FEMA HMGP
H	Verde Lakes, Ward ranch Gully, and West Clear Creek Habitat, Floodplain Remediation and restoration to include clearing of overgrowth, and removal of deadfall, Channel and bank reconstruction and stabilization, road crossing improvements and cleaning of impingent areas within roadside drainages. Constructing of safety barriers and access restrictions to be utilized during unsafe conditions of other hazards.	Flooding Wildfire	\$1.5M	Dec 2024	Public Works/Utilities Directors	General Fund match, FEMA HMGP

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Table 5-4-2: Camp Verde Mitigation Strategy

Priority Ranking	Description	Hazard (s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
H	Sustain IGA with the County as Floodplain Managers to ensure compliance with NFIP regulations for management and review of new developments located in the floodplain regarding issuance of floodplain use permits.	Flooding	\$5,000	July 1, 2024	Public Works/Utilities Directors	General Fund
H	Partner with the Forest Service and Hopi Tribe to gain permission and funding to mitigate storm water impact from Forest Service properties surrounding our community in (7) identifiable sites. There are 7 identifiable sites within incorporated Boundaries where the USFS Coconino watershed historical drainages affect residential areas. There are 3 sites located at Verde lakes, one on McCracken Lane, 2 in middle Verdes Overlook areas and Coughlan Ranch. The actions necessary are to clean and rehabilitate existing historical drainages in an ongoing basis and as needed.	Flooding	\$4.5M	July 1, 2024	Public Works/Utilities Directors	General Fund match, FEMA HMGP
H	Construct road crossings and drainage channels at Quarterhorse Dr. and Glenrose Dr. areas that drain the Camp Verde School District property, private properties, and Forest Service properties North of Quarterhorse Dr. to the Diamond "S" ditch.	Flooding	\$400K	July 1, 2024.	Public Works/Utilities Directors	General Fund match, FEMA HMGP
L	Sustain communication with County and other agencies which are primarily assigned Earthquake Responsibilities and monitoring.	Earthquake	\$20K	September 2024	Public Works Director	General Fund match, FEMA
L	Strengthen monitoring of landslide/mudslide areas of which there are few in existence. Salt Mine Road at Windy Point has a significant possibility of mudslide due to composition of soils and excessive moisture during winter/summer rains. There is one area along Hwy I-17 within incorporated boundaries, which if a major slide occurs it could have a major impact on traffic. It is along the southern border of Hwy I-17 and Cliff Castle Casino. ADOT would be primary agency.	Landslide/ Mudslide	\$15K	September 2024	Public Works Director	General Fund match, FEMA

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Table 5-4-2: Camp Verde Mitigation Strategy						
Priority Ranking	Description	Hazard (s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
M	Sustain communication with the Forestry division of APS to assist in prevention of downed power lines due to severe winds. There are several identified areas where roadways are adjacent to larger trees especially Pecans and Cottonwoods.	Severe Wind	\$18K	September 2024	Public Works Director/ Building Official and Copper Canyon Fire & Medical	General Fund/other agencies and FEMA
L	Strengthen enforcement of building codes related to snow loads and continued problems created by lack of drainage on flat rooftops especially for those of commercial buildings.	Winter Storm	\$20K	September 2024	Public Works Director	General Fund/FEMA
M	Drainage Improvement Projects	Flood	\$1M	September 2024	Public Works Director	Flood Control District

Figure 81 Table 5-4-2: Camp Verde Mitigation Strategy

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Table 5-4-3: Chino Valley Mitigation Strategy						
Priority Ranking	Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Sources
H	Bridge Structure at Road 5 North. Construct an all-weather crossing at Road 5 North and Reed Road to mitigate road closures due to heavy rains and provide uninterrupted access.	Flood	\$750,000	September 2024	Public Works Director	CIP Program
M	Strengthen Building Codes. Adopt and enforce new building codes to protect existing and future buildings and infrastructure from high wind and other natural and human-caused disasters.	All	\$75,000 5-year cost	September 2024	Community Development, Legal, and Public Works, CAFMA	General Funds
M	Strengthen compliance with NFIP regulations by enforcement of the FEMA floodplain management through review of new development located in the floodplain and issuance of FEMA floodplain use permits.	Flood	\$75,000	September 2024	Community Development, Legal, and Public Works	General Fund
H	Granite Creek Crossing @ Perkinsville Rd	Flood	\$450,000	September 2024	Public Works Director	Yavapai County Flood Control Grants, NACOG Grants, CIP, and General Fund
M	Drainage Improvement Projects	Flood	\$600k	September 2024	Public Works Director	Flood Control District

Figure 82 Table 5-4-3: Chino Valley Mitigation Strategy

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Table 5-4-1: Mitigation Strategy for Clarkdale						
Priority Ranking	Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
M	Enforce International Construction Code Standards in order to help maintain building integrity and prevent injury or loss of life and to mitigate damage to existing and future structures resulting from severe winds and flooding.	Severe Wind Flooding Landslide Mudslide	\$74,000	September 2024	Ruth Mayday	General fund
M	Second two lane bridge that will span bitter creek and will provide bidirectional access and egress, from the bitter creek industrial area and patio park in case of flood, fire and other emergency.	Flood Fire ingress/egress	\$6,000,000	September 2024	Ruth Mayday	NACOG, HURF, and Yavapai County Grants. CIP
M	Education and awareness programs to inform and educate citizens, elected officials and property owners about hazards and potential ways to mitigate them by pre-planning.	Flood Wildfire Wind Mudslide Winter storm	\$5,000	September 2024	Clarkdale Emergency Management	General Fund
M	Mescal Well Project. Will provide additional future water supply for the community as shallower wells run dry	Drought	\$16,000,000	September 2024	Clarkdale Utility Dept	Water Grants HUD
M	Replacing outdated water meter end points with cellular end points.	Drought	\$100,000	September 2024	Clarkdale Utility Dept.	General fund YCFCF Flood Control Grants
M	Increase mitigation level by maintaining IGA with Yavapai County Flood Control District for establishing procedural guidelines for the implementation and enforcement of the NFIP floodplain management Yavapai County Flood Mitigation Projects. Major projects are driven by historical events and minor projects are driven by local issues. Flood mitigation projects approved by Yavapai County after presentation from the Town prioritizing projects	Flood, Landslide, Mudslide	\$40,000	September 2024	Clarkdale Public Works Dept	Yavapai Co Grants
M	Annual Drainage Improvement Projects to improve flood resilience	Flood	\$400,000	September 2024	Clarkdale Public Works Dept	Flood Control District

Figure 87 Table 5-4-1: Mitigation Strategy for Clarkdale

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Table 5-4-5: Cottonwood Mitigation Strategy						
Priority Ranking	Description	Hazard(s) Mitigated	Estimated Cost	Completion	Project Lead	Potential Funding Sources
H	Railroad Wash flood control at Airport. Study alternatives to eliminate overtopping of the runway and flooding in the business park downstream.	Flood	\$65,000	July 2024	Public Works	YCFCF Flood Control
L	6 th Street Drainage Improvements. Reconstruct 6 th Street to eliminate ponding water south of the intersection with Aspen Street. Part of a larger project to rehabilitate pavement on 6 th Street.	Flood	\$420,000	July 2024	Public Works	YCFCF Flood Control, General Fund
M	Citywide culvert cleanout projects. Ongoing projects to clean sediment out of roadway culverts.	Flood	\$50,000	September 2024	Public Works	YCFCF Flood Control
M	Main Street in Old Town Drainage Improvements. Replace catch basins and storm drainpipes to accommodate flow near Old Jail. Part of larger project to rehabilitate pavement on Main Street.	Flood	\$120,000	July 2024	Public Works	YCFCF Flood Control, General Fund
H	Projects from 2020 Cottonwood Drainage Master Plan	Flood	\$5.2M	Aug 2024	Public Works	YCFCF Flood Control, General Fund
M	Wildfire Fuel Reduction Program	Wildfire	\$250,000	September 2024	Fire Dept. Public Works	General Fund
H	Strengthen Current Building Codes. Continue to enforce building codes to protect existing and future buildings and infrastructure from severe wind damage and other natural and human-caused disasters. 5-year cost.	All	\$200,000	September 2024	Code Enforcement Officers	General Fund
M	Public Outreach. Educate the public on the risks resulting from fire, severe weather, and associated hazards; including recommendations on how to protect themselves and their property from damages due to natural and man-made hazards events.	All	\$5,000	September 2024	Police/Fire/ Developmental Services	General Fund

Figure 83 Table 5-4-5: Cottonwood Mitigation Strategy

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Table 5-4 6: Dewey-Humboldt Mitigation Strategy

Priority Ranking	Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
L	All Weather Crossing of the Agua Fria River at Prescott Street. An all-weather crossing is recommended at the location of the exiting low-flow at-grade crossing along Prescott Street to improve circulation and emergency vehicle access. In addition to local studies, a 2012 Arizona Dept. of Transportation study identified the need. The Town is considering either a bridge or box culverts.	Fire, Flood	\$12,000,000 to \$20,000,000 depending on solution (either a bridge or a box culvert)	September 2024	Dewey-Humboldt Public Works Department	IGA/ General Fund/ HURF/ Possible Grants
M	Public Outreach. Educate the public on the risks resulting from fire, severe weather and associated hazards; including recommendations on how to protect themselves and their property from damages due to natural and human-caused hazards events. This is accomplished in the monthly Town Newsletter and through the FireWise group in the Town.	Wildfire, Drought	\$5,000	September 2024	Dewey-Humboldt Community Development	General Fund
M	FireWise Community recurring maintenance and program participation.	Wildfire, Flooding, Landslides	\$5,000	September 2024	Dewey-Humboldt Community maintains this program	Grant from Prescott Area Wildland Urban Interface Commission PAWUIC
L	Winter Storm Public Outreach. The Town supplies information on the website as well as informational articles in the Town Newsletter during the winter months. The Town has two blades that are used when needed to clear roads. When winter weather is expected staff prepares equipment for use.	Winter Storm	\$5,000	September 2024	Dewey-Humboldt	General Fund
M	Bi-Annual Town Cleanup. The bi-annual Town Cleanup enables residents to dispose of excess brush, rubbish, etc. from their properties twice a year. This helps residents get rid of vegetation and rubbish enabling them to create a defensible space and reduce potential fuel for fires.	Fire	\$10,000	September 2024	Dewey-Humboldt Public Works Dept	General Fund

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Table 5-4 6: Dewey-Humboldt Mitigation Strategy						
Priority Ranking	Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
M	Ditch and Channel Cleanup and Repair. Annually clean and repair drainage ditches and channels throughout Town. This helps keep drainage ways open for water drainage and runoff, with annual inspections if any areas are in need of extra erosion protection it can be placed. The mitigation against long- term risk is an annual inspection of the areas, maintaining areas that may have problems arising.	Flooding, Landslide, Erosion Control	\$35,000	September 2024	Dewey-Humboldt Public Works Dept	General Fund/ HURF Fund/ Flood Control
M	Implement and Enforce building Codes. Implement and enforce council directed building codes and adopt new international codes as they become available and/or are applicable. Codes will be enforced through building inspections, permits and code enforcement portion of the Planning and Zoning office.	All Hazards	\$67,000	September 2024	Dewey-Humboldt Community Develop and Bldg. Dept	General Fund

Figure 83 Table 5-4 6: Dewey-Humboldt Mitigation Strategy

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Table 5-4-7: Jerome Mitigation Strategy

Priority Ranking	Project Name Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
H	Storm Sewer And Utility Master Plan. Prepare a storm sewer and utility master plan to identify storm drain problems and prioritize infrastructure improvements for implementation. Implementation includes Hull and 1 st Ave. – Work is assisted by ADOT - Traced drainage - currently re-routing and installing a catch box.	Flood, Landslide/ Mudslide	\$159,000 for Study	September 2024	Town Manager, Public Works Director	Grants (CDBG, FEMA, USDA, others) plus town budget
L	The Cleopatra Hill Flume overflow issues This flume was originally installed for the mining company and is now utilized for overflow from the water tanks. The flume is ineffective in areas and Public Works has installed 400' of piping to assist the flume.	Flood, Landslide/ Mudslide	\$1100	September 2024	Town Manager, Public Works Director	Grants (CDBG, FEMA, USDA, others) plus town budget
H	Drainage pipe replacement on Diaz St. Pipe is rotted and will be replaced with new pipe. Replacement will prevent flooding and water loss from a burst pipe.	Flood, Landslide/ Mudslide	\$39,000	September 2024	Town Manager, Public Works Director	Grants (CDBG, FEMA, USDA, others) plus town budget
L	Gulch Rd Re-grading Re-grading will control access water flow and prevent flooding.	Flood, Landslide/ Mudslide	\$15,000	September 2024	Town Manager, Public Works Director	Grants (CDBG, FEMA, USDA, others) plus town budget
H	Wildfire Fuel Reduction. Perform wildfire hazard fuel reduction for prevention and to protect existing and future buildings and infrastructure. The Town of Jerome has been divided into 7 sections with an audit being done by the Jerome Fire Department of the target hazards in each section – Topography and proximity to neighboring properties and construction type were all taken into consideration. Brush clearing, and prescribed	Wildfire, Landslide/ Mudslide	\$25,000 (5 yr. cost)	September 2024	Fire Chief and Chief Building Official.	Wildland fees FireWise Grant

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Table 5-4-7: Jerome Mitigation Strategy

Priority Ranking	Project Name Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
	burns has been completed in these listed areas, but ongoing efforts will continue throughout town. 80 residents were affected by clearing and prescribed burns.					
H	Winter Storm Mitigation. Jerome's first responders are the Public Works Crew. Due to Jerome's historic cobblestone streets, our snowplow is ineffective. They do use rock salt in the areas where the plow cannot perform properly. The remaining areas get snow plowed. Volunteers help on pedestrian walkways with rock salt applications.	Winter storm	\$20,000	September 2024	Public Works	Town budget / general fund
M	Promote awareness on winter storm hazards. Different areas have different risks associated with winter storms in Jerome. Steep slope topography and historic cobblestone streets prevent snowplows from running through those areas. Creating a plan to warn residential areas of incoming storms will help specific at-risk populations throughout town. This will also help with getting residents to park off street, when possible, to help with salt trucks to get through those areas.	Winter storm	\$10,000	September 2024	Public Works	General fund / Town Budget
H	Severe Wind mitigation Assess vulnerability to severe wind using GIS to map areas that are at risk to a wind hazard identifying concentrations of at-risk structures throughout town. Jerome is a Historic site. There are many structures that are dilapidated enough that would place them in a hazardous category. The map would allow us to quickly identify structures that are in danger from severe wind.	Severe Wind	\$27,000	September 2024	Planning / Zoning	Easement Grants are possible for this project
M	Retrofit buildings. As our buildings get modified, utilize new technology to help create structural stability and prevent collapse	Severe Wind	Average cost \$4,051 per project – Suggested	September 2024	Planning / Zoning / building official	Grants / Jerome Historical Society / Volunteer Groups for Labor

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Table 5-4-7: Jerome Mitigation Strategy						
Priority Ranking	Project Name Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
L	Earthquake Education Map and assess Community Vulnerability to Seismic Hazards.	Earthquake	\$27,000	September 2024	Planning / Zoning	Town budget
L	Earthquake Education • Increase risk awareness. • Promote workshops. • Informational flyers and website knowledge	Earthquake	\$18,000	September 2024	Planning / Zoning	Town budget
M	Strengthen community flood resilience with Annual Drainage Improvement Projects	Flood	\$200K	September 2024	Public Works Director	Flood Control District

Figure 84 Table 5-4-7: Jerome Mitigation Strategy

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Table 5-4-8: Prescott Mitigation Strategy						
Priority Ranking	Project Name Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
H	Wildfire Fuel Reduction. Strengthen wildfire fuel reduction on private/public property to protect existing and future buildings and infrastructure. 5-year cost.	Wildfire	\$600,000	September 2024	Fire Dept	General Fund
M	First Responder Training and Equipment. Through advanced training and use of equipment, first responders are better able to identify hazards and protect the public.	All	\$75,000	September 2024	Fire Dept	Grant, Bond, General Fund
L	Urban Search and Rescue Team Project. Improve urban search and technical rescue capability in the city through training and procurement of specialized equipment.	All	\$200,000	September 2024	Fire Dept	Grant, Bond, General Fund
H	Enforce Current Building Codes. Continue to enforce building codes to protect existing and future buildings and infrastructure from sever wind damage and other natural and human-caused disasters. 5-year cost.	All	\$75,000	September 2024	Community Develop	General Fund
H	Wildfire Code Enforcement. Strengthen enforcement of wildland urban interface code. 5-year cost.	Wildfire	\$75,000	September 2024	Fire Dept	General Fund
H	Improve drainage infrastructure at various channel crossings and off-channel site locations.	Flooding	\$2,757,000	March 2024	Public Works	General Fund, CIP, Flood Control District
M	Strengthen community flood resilience by constructing annual Drainage Improvement Projects	Flood	\$3.0M	September 2024	Public Works Director	Flood Control District

Figure 85 Table 5-4-8: Prescott Mitigation Strategy

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Table 5-4-9: Prescott Valley Mitigation Strategy						
Priority Ranking	Project Name Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
H	Master Stormwater and Drainage Project (Plan update and identification of areas for improvement)	Flooding	\$4M	Dec 2023	Public Works (PW)	Grant, Bond, General Fund
M	Town Fuels Crew. Support and equip part-time road crew to perform roadside wildfire hazard fuel reduction along roads in the interface to protect existing and future buildings and infrastructure.	Wildfire	\$150,000	September 2024	Public Works (PW)	General Fund
H	Community Secondary Routes. Plan, design, and construct secondary access routes for emergency vehicles.	All	\$5M	September 2024	PD, CYFD	Grants, Bonds & General Fund
L	Strengthen compliance with NFIP regulations by enforcement of the Town's floodplain management ordinance through the review of all new or substantially improved development located within FEMA delineated Special Flood Hazard Areas and the issuance of floodplain use permits.	Flood	\$92,000	September 2024	PW / Engineering Division Mgr.	General Fund

Figure 85 Table 5-4-9: Prescott Valley Mitigation Strategy

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Table 5-4-10: Sedona Mitigation Strategy

Priority Ranking	Project Name Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
H	Flood Response Training Train all Operational Personnel to the Operations level, Technical Rescue Team to Technician Level, and Helicopter Rescue Teams in Water Rescue. This training will position us to minimize loss of life.	Flood	\$92,000	September 2024	Sedona Fire District	Sedona Fire District /Sedona Special Operations Budget
H	Provide wildland fire property assessments to home and business owners in the urban wildland interface. Assessments will be based on the currently adopted International Urban-Wildland Interface Code and the latest Sedona Wild-land Interface Map that shows priority threat areas.	Wildfire	\$105,000	September 2024	Sedona Fire District	Sedona Fire District/ Wildland Budget
H	Wildland Fuels Reduction Strengthen community resiliency by continuing with the practice of hosting annual fuels reduction events in order to facilitate the removal of flammable vegetation.	Wildfire	\$87,000	September 2024	Sedona Fire District	Sedona Fire District/ Wildland Budget
H	Wildland Urban Interface (WUI) Response Training. Training designed to enable Sedona Fire District to take effective actions during initial stages of incidents that increase the likelihood that pre-fire mitigation will be effective. Also, WUI specific training, continue to train and certify all Sedona Fire District firefighters as wildland firefighters and red card them. This includes the pack test, annual refresher, and necessary PPE to integrate effectively with federal resources	Wildfire	\$50,000/yr.	September 2024	Sedona Fire District	Sedona Fire Wildland Budget
H	Issue Burn Permits Through the issuance of burn permits, we are able to interact with the public and educate them on safe burning practices while conducting a site assessment.	Wildfire	\$67,000	September 2024	Sedona Fire District	Sedona Fire Wildland Budget
H	Adopt Code Amendments - Sedona Fire District will adopt fire code amendments, which require fire sprinklers in all new construction that occurs in the Wildland Urban Interface (WUI). These requirements decrease the possibility that a fire from a structure will spread to the WUI.	Wildfire	\$5,600	September 2024	Sedona Fire District	Sedona Fire Wildland Budget

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Table 5-4-10: Sedona Mitigation Strategy						
Priority Ranking	Project Name Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
H	Enforcement of floodplain management requirements in accordance with the NFIP, including regulating all and substantially improved construction in floodplains to reduce the losses to property and people.	Flood	\$15,000	September 2024	City Public Works Dept./ Asst Eng.	General Fund
M	Strengthen Current Building Codes. Continue to enforce building codes related to snow loads and continued problems created by lack of drainage on flat rooftops, especially for those of commercial buildings.	Winter Storm	\$70,000	September 2024	City Public Works Dept.	General Fund
M	Strengthen community flood resilience with Annual Drainage Improvement Projects	Flood	\$1.5M	September 2024	Public Works Director	Flood Control District
M	Keep sand and bags available to the public at the following four locations: 2070 Contractors Road, 431 Forest Road, 120 Indian Cliffs Road, and Red Rock High School. 5-year cost.	Flooding	\$35,000	September 2024	City Public Works Dept./ Maintenance Superintendent	City Maintenance Budget
M	Urban Wildland Interface Training for officers, risk assessments. 5-year cost	Wildfire	\$87,000	September 2024	Sedona Fire District	Sedona Fire Wildland Budget
M	Civilian Emergency Response Team. Train and educate public on basic first response capabilities. 5-year cost.	All	\$56,000	September 2024	Sedona Fire District	Sedona Fire Wildland Budget

Figure 86 Table 5-4-10: Sedona Mitigation Strategy

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Table 5-4-11: Yavapai Prescott Indian Tribe Mitigation Strategy						
Priority Ranking	Project Name Description	Hazard(s) Mitigated	Estimated Cost / Completion	Anticipated Completion Date	Project Lead	Potential Funding Source
M	Keep sand and sandbags available to the tribal community (including the residential area and business sector) at the Tribal maintenance 6 EZ Street. 5-year cost.	Flood	\$15,000	September 2024	YPIT Environmental Protection (EP) / Emergency Management (EM)	Tribal Emergency Management
H	Educate tribal community on the hazards of flooding, landslides, severe wind, earthquakes, and winter storm hazards through informational outreach opportunities and via the community newsletter.	All	\$2,000	September 2024	YPIT EP / EM	GAP
M	Clearing of overburden, brush, and maintenance of defensible space on tribal properties, specifically the Northern Boundary, Frontier Village, and the Tribal Residential areas.	Wildfire	\$5,000	September 2024	YPIT EP / EM	GAP
M	Strengthening Building Codes. Perform inspections of current building stock and new construction projects to ensure they adhere to or exceed the 2018 IBC. Identify building stock that requires retrofit to improve resilience.	All	\$70,000	September 2024	YPIT Planning	GAP
M	Identify flood problem areas within Frontier Village and Slaughterhouse Gulch using GIS mapping and develop projects to reduce flooding hazard.	Flood	\$24,000	September 2024	YPIT EP / EM	BIA, PDM
M	Purchase and install backup generator to provide power to critical infrastructure in the event of a power outage related to severe wind and winter storm events. Generator location Tribal Administration building and Prescott Resort	Severe Wind Winter Storm	\$32,000	September 2024	YPIT Planning	BIA
M	Targeted Storm water Drainage Improvements in Frontier Village and Slaughterhouse Gulch. Identify problem areas within Frontier Village and Slaughterhouse Gulch and develop projects to reduce flooding hazard.	Flood	\$100,000	September 2024	YPIT EP / EM	BIA, FMA

Figure 87 Table 5-4-11: Yavapai Prescott Indian Tribe Mitigation Strategy

SECTION 6: PLAN MAINTENANCE PROCEDURES

Elements of this plan maintenance section include:

- Monitoring, Evaluating, and Updating the Plan**
- Monitoring Progress of Mitigation Activities**
- Incorporation into Other Planning Mechanisms**
- Continued Stakeholder & Member Outreach/Involvement**

Yavapai County and the participating jurisdictions/Tribe recognize that this hazard mitigation plan is a “living” document with regularly scheduled monitoring, evaluation, and updating.

6.1 Monitoring, Evaluating, and Updating the Plan

The Plan should be continuously monitored by the participating jurisdictions to ensure the implementation of the identified mitigation measures. The individual/entity identified as the ‘Project Lead’ should strive to closely oversee and track the progress of their mitigation measures, reporting those results to their respective jurisdictional representatives and the County OEM. More accountability is likely to increase the probability of implementation.

Few formal annual evaluations occurred over the past five years due to:

- Changes in staff and a lack of effective communication regarding plan maintenance requirements and responsibilities.
- A general lack of priority regarding the importance and requirements of the maintenance element.
- Limited perceived value in performing the maintenance and evaluation and competing interests for many members of the jurisdictional staff.
- A lack of personnel and/or staff resources to take responsibility for the task.

Moving forward, the Planning Team established the following monitoring and evaluation procedures:

- **Schedule** – This Plan shall be evaluated annually around the anniversary of its FEMA approval or following a major disaster. The Yavapai County Office of Emergency Management will take the lead by arranging the evaluation, the method to be used, the deadline, and the documentation.
- **Review Content** – The content and scope of the Plan evaluation should address the following questions:
 - Hazard Identification: Have the risks and hazards changed?
 - Goals and objectives: Do the goals and objectives still address current and expected conditions?
 - Mitigation Projects and Actions: What is the project status?
 - Capability Assessment: Capabilities change year after year with shifts in budgets and spending priorities. It is tremendously important to review and revise the Capability Assessment for each jurisdiction.

Each jurisdiction will review the Plan as it relates to their community and document their responses. Final documentation will include a compilation of responses and results from each jurisdiction/Tribe plus any notes on the discussions and/or comments.

This Plan requires updating and approval from FEMA every five years. This plan update will adhere to the following procedure to ensure its continued approval:

- One year prior to the plan expiration date, the Yavapai Co office of EM will reconvene the Planning Team to begin the formal Plan update process.
- Using this Plan’s planning process documentation as a guide, the Planning Team will review and update the Plan and produce a new Plan.
- The updated plan will be submitted to DEMA and FEMA for review, comment, and approval.

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- The State and FEMA approved Plan will be presented before the respective councils and boards for an official concurrence/adoption.

6.2 Monitoring Progress of Mitigation Activities

This section describes the Yavapai-Prescott Indian Tribe's system for monitoring mitigation measures by reviewing their progress, monitoring progress on achieving goals, and a system for projects closeouts. This section was reviewed by the Planning Team Tribal Representative and found to still be consistent with the processes they would follow. Therefore, the material remains largely unchanged.

Unless otherwise directed or warranted, the goals and objectives' review will coincide with the annual overall Plan review and update schedule. There will be a focus on whether or not the objective and mitigation measures adequately support the goals.

During the Plan's annual reviews and plan updates, the Tribe's Environmental Protection and Emergency Management staffmember will coordinate with the individuals/entities identified as 'Project Lead' to assess the implementation status of the identified measures.

The Tribe will regularly monitor the implementation and progress of the measures to ensure greater success by keeping them a high priority. The implementation of the mitigation measures in the previous Plan were for the most part, education, and awareness. Those activities are in progress and continue as an ongoing effort. For FEMA supported projects, progress reports will be submitted on a quarterly basis, or as required throughout the project. The degree of quarterly reporting will be dependent upon the type of measure, its funding source, and the associated requirements. At a minimum, the quarterly report should address:

- Project Completion Status
- Project Challenges/Issues (If any)
- Budgetary Considerations (Cost Overruns or Underruns)
- Detailed Documentation of Expenditures

Upon completion of projects, the project location will be visited, results viewed, and documented. Closed projects will then be monitored for effectiveness in the intended mitigation. FEMA supported project closeouts will include an audit of the project financials as well as other guidelines/requirements set forth under the funding or grant rules, and any attendant administrative plans developed by the Yavapai-Prescott Indian Tribe.

6.3 Integration into Existing Planning Mechanisms

Integration of this Plan into other planning mechanisms, by either content or reference, enhances a community's ability to perform hazard mitigation by expanding the scope of this Plan's influence. The Planning Team reviewed this section in the previous Plan and found several ways to improve it. The section was lacking specific information therefore the Planning Team restructured this area. Ways in which the 2018 Plan have been integrated into other planning mechanisms are summarized below.

Table 6-1: Past Plan Integration	
Yavapai County	• Hazard Gap Analysis • Development of the EOP • Development of the Recovery Plan • Development of Flood Projects • Hazard Identification Risk Vulnerability Analysis
Camp Verde	• Town's General Plan Review • Town's Annual CIP Budgeting process • Town's Flood Control Plan/Projects • All residential & commercial pre plan reviews
Chino Valley	• City General Plan

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	• Flood Control Plan/Projects • Capital Improvement Plan/Projects
Clarkdale	• Flood Control Plan/Projects for Yavapai County Flood Grants • Updating Town Code with grading ordinances, FEMA updated flood mapping, International Building/Property updated to 2022 requirements. • Updated mapping for current Verde River property owners subject to flooding. • Update the Town Emergency Response Plan mapping and evacuation routes. • Update Floodplain/storm water management ordinance
Cottonwood	• City General Plan • Flood Control Plan/Projects • Capital Improvement Plan/Projects
Dewey-Humboldt	• Town annual budgets • Town 2009 General Plan
Jerome	• Town of Jerome Drainage Master Plan • Town of Jerome General Plan • Adopted ordinances and Codes
Prescott	• City General Plan • Flood Control Plan/Projects • Capital Improvement Plan/Projects
Prescott Valley	• General emergency management program development • Development of the community Hazard Gap Analysis • Development of the Town EOP • Reference in the Development of Flood Control Projects • Referenced in development of the Hazard Identification Risk Vulnerability Analysis • Referenced in the Prescott Valley General Plan
Sedona	• Sedona Community Plan (2014) • Flood Control Projects • Capital Improvement Projects
YPIT	• Tribal Land Use Master Plan • Tribal CWA grant efforts • Tribal Emergency Operations Plan

Figure 88 Table 6-1: Past Plan Integration

Typical ways the jurisdictions plan to incorporate this Plan over the next five-year planning cycle include:

Table 6-2: Future Plan Integration	
Yavapai County	• Hazard Gap Analysis • Emergency Operations Plan • Recovery Plan • Development of Flood Projects • Yavapai County – Community Wildfire Protection Plan • Hazard Identification Risk Vulnerability Analysis • Community Outreach/Risk Reduction Education Projects
Camp Verde	This plan is better utilized in planning, budgeting and execution while informing council as to its impact on the Town. Our increased utilization is improving priorities and projects that might qualify for grants and or other funding opportunities.
Chino Valley	• Flood Control Plan/Projects • Capital Improvement Plan/Projects

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Clarkdale	• Updating Town Code/ordinances to reflect the most current building/ property and grading standards. • Updating the Town Emergency Response Plan mapping and evacuation routes and areas needing mitigation based upon events. • Updating of the Town Transportation Plan for street and alley projects to prevent run off and flooding issues. • Updating of the Town Area Master Drainage Study to identify additional washes, culverts, low water crossings and curb areas needing future mitigation through annual grant funds.
Cottonwood	• Flood Control Plan/Projects • Capital Improvement Plan/Projects
Dewey-Humboldt	• Town annual budgets • Town 2009 General Plan update and revision
Jerome	• Capital Improvement Plan / Projects • Community Wildfire Protection Plan • Educational Workshops on Severe Wind and Earthquakes • Obtain Grant for continued drainage work
Prescott	• Capital Improvement Plan / Projects • Community Wildfire Protection Plan • Educational Workshops on defensible space • Wildland Urban Interface grants and continued mitigation of hazard fuels
Prescott Valley	• Hazard Gap Analysis • Town Emergency Operations Plan • Development of Flood Projects • Hazard Identification Risk Vulnerability Analysis • Community Outreach/Risk Reduction Education Projects • Development of the Towns Strategic/General Plan
Sedona	• Sedona Community Plan (2014) update and revision • Sedona THIRA • Flood Control Projects • Capital Improvement Projects • 2021 Sustainability Review
YPIT	• Development of a THIRA and annual SPRs • Update of the 1999 Land Use Master Plan • Update of the Range Management Plan • Update of the Tribal CWA grant efforts • Update of the Tribal Water Management Plan • Update of the Fuels Management Plan • Long Range Transportation Plan • Update of the Emergency Operations Plan • Update of the Wildland Fire Management Plan YPI Reservation • Identification of Hazardous Materials Sources on the YPI Reservation • Pursuit of HMA grants to lessen the impacts of flooding along Granite Creek The Tribe strives to align itself with planning efforts, programs, and initiatives with the Tribe and at the local, state, and federal level whenever possible. The tribe recognizes the differences between the tribe and other levels of government that may create challenges to this alignment. However, the Tribe is committed to continuing to work closely with the regional partners in all areas of emergency management.

Figure 89 Table 6-2: Future Plan Integration

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6.4 Continued Stakeholder & Member Outreach/Involvement

The emergency management community in Yavapai County is committed to keeping the public aware of and involved in the mitigation planning to the extent practicable and possible. The Planning team reviewed this section of the previous Plan and the processes that were used to keep the public informed and involved. Feeling there is always room for improvement, the Plan participants focused on providing information that was more specific and would pave a path for future activities. The 2018 Plan identified the following potential elements for continued public involvement:

- Provide periodic updates of hazard mitigation measures being implemented using local media.
- Conduct annual presentations of hazard mitigation planning discoveries, progress, or proposed measures at the local board and council meetings.
- Participate in annual events such as the County fair and other public events.
- Perform public outreach and mitigation training meetings for targeted populations known to be in higher risk hazard areas (i.e. – floodplain residents).

Below are some of the ways the participating jurisdictions/Tribe intend to continue involvement and dissemination of information whenever possible and appropriate.

Table 6-3: Future Public Outreach/Involvement	
Jurisdiction	Activities
Yavapai County	• Conduct public involvement efforts related to drainage and floodplain delineation studies to keep public aware of flood hazards and mitigation efforts. • Maintain a hazard mitigation webpage presence with a copy of the Plan posted for public review and comment. • Present major mitigation related projects to the Board of Supervisors for approval and funding • Develop Firewise and Defensible Space community education program: Expos, community meetings, education programs for civic groups, and town hall meetings. • Work with all stakeholders from Federal, State, and Local Agencies to develop a comprehensive wildland fuel mitigation program with semiannual coordination workshops. • Social media project engagement.
Camp Verde	• Upon approval, the Town of Camp Verde will post the 2016 Hazard Mitigation Plan on the Town's website with public comment process attached. • Participate in local events such as Fort Verde Days, Festivals, and community nights out to increase awareness about the area's hazards and risks.
Chino Valley	• Conduct public involvement efforts related to drainage and floodplain to keep public aware of flood hazards and mitigation efforts through website, newsletter articles and social media information blasts. • Conduct public involvement efforts related to drainage and floodplain to keep public aware of flood hazards and mitigation efforts.
Clarkdale	• Maintain a website linking the public to the county website location where the Plan was posted. • Educate the public to increase the awareness of hazards and opportunities for mitigation actions with informational hazard mitigation brochures at local events such as National Night Out, July 4th, Halloween. • Inform and encourage residents to join the County Code Red emergency notification system through website, newsletter articles and social media information blasts.

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	• Conduct public involvement efforts related to drainage and floodplain to keep public aware of flood hazards and mitigation efforts through website, newsletter articles and social media information blasts. • Conduct public involvement efforts related to drainage and floodplain to keep public aware of flood hazards and mitigation efforts. • Provide hazard mitigation brochures provided by ADEM at Town Hall and other public venues.
Cottonwood	• The city will maintain a website or link to the county website, where the Plan will be posted, and the public will have an opportunity to comment and make recommendations for changes. • PSA announcements in the local newspapers and public notices will be posted with the development of mitigation activities
Dewey-Humboldt	• The city maintains a website link to the county website, where the Plan will be posted, and the public will have an opportunity to comment and make recommendations for changes. • Newsletter articles will be placed as appropriate to announce hazard mitigation activities.
Jerome	• Public input on Capital Improvement Plan • Community Wildfire Outreach – Annual FireWise Day in which there is public outreach through face-to-face, pamphlets, and flyers. Posted on Town Website and Facebook page. • Complete Town of Jerome General Plan by conducting workshops and public meetings • Jerome will present a Volunteer Day to help with Hazard Mitigation activities including assisting homeowners with labor to rehabilitate dilapidated homes and buildings that are in danger of collapse from neglect and threatening hazards like Flood, Wind, and Fire. • Jerome will hold Educational Workshops on Severe Wind and Earthquakes as well as implementing the distribution of Educational Material in relation to Hazard Mitigation • Revise Town website to attract more of the public to get involved.
Prescott	• The City of Prescott has linked with Yavapai County Emergency Management for accepting plan comments via electronic means. • The Fire Department is an active/supporting member of the Prescott Area Wildland Urban Interface Commission (PAWUIC) and utilizes that body for communication of on-going mitigation strategies and undertakings. • The city will continue to remain engaged with the USFS, State Division of Forestry, Bureau of Land Management, and other first responder fire entities to ensure a collaborative effort of all parties. • The City of Prescott will continue to maintain a presence at the Annual Home Show to provide direct input to our citizens and seek their involvement. • Prescott Fire Dept will be conducting a Citizen's Fire Academy in hopes of allowing the public and opportunity to explore what we do and provide input as to means to add efficiencies.
Prescott Valley	• Conduct public involvement efforts related to floodplain delineation studies, as well as all hazards to keep public aware of the various hazards and mitigation efforts. • Maintain a hazard mitigation webpage with a copy of the Plan posted for public review and comment. • Present all major mitigation related projects to the Town Council for approval and funding. • Publish all detailed studies for major floodway channels. • Maintain website link to the county's website where the Plan will be posted.
Sedona	• Yavapai County periodically mails flood awareness information to Sedona residents and other residents of the county. • The City of Sedona has an email address of FloodStatus@SedonaAZ.gov for real estate agents and other members of the community to request Flood Status Reports on any parcel within

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	City of Sedona boundaries. This email link is available as a provided service on the City's website. • Residents of Sedona can report drainage issues and other problems to City staff by using Sedona Citizens Connect, a mobile app. • The Sedona Fire District (SFD) continuously conducts outreach on defensible space for wildfire. In May of each year, over a three-day weekend, residents of the SFD take yard brush and tree cuttings to a specific area to mitigate the extent of residential structural damage from a wildfire. • The SFD runs media releases as needed on Fire & EMS related News in the Sedona Red Rock Newspaper. Fire & EMS news topics include Wild-land fire defensible space, rockslides, burn restrictions, fire code, and miscellaneous household safety topics. SFD also has brochures on "Fire-wise Communities" and "Oak Creek Canyon Fire Evacuation for Visitors & Travelers". • In August of each year, the Sedona Police Department hosts its annual "National Night Out" event. This event offers public safety displays and information. Firefighters are also there to display rescue equipment and hand out information. • In May of each year, the SFD tests the emergency siren system that is designed to notify residents of Oak Creek Canyon and Uptown Sedona of severe emergencies that would require evacuation. The test serves two purposes: (1) Assuring that the system is functioning properly; and (2) So that residents, business owners, and visitors become aware of what to expect in an actual emergency. • A.D.O.T. installed two permanent variable message boards north of Sedona on SR 89A. One of the boards was installed near Lomacasi Cottages, and the other one was installed just south of Flagstaff. These message boards are used to warn drivers of unsafe driving conditions. • The SFD has a Life and Fire Safety (LAFS) outreach program that involves going to each school in the Fire District (once per year) and talking on the subject as well as disseminating information. • The SFD conducts annual outreaches at the following events/venues: Moonlight Madness, Halloween, Sedona Marathon, Senior Center, and local churches.
Yavapai-Prescott Indian Tribe	The Tribe will conduct public involvement through the following: • Integration of the Nixle Alert System and E911 for emergency alerts • Admin office reader board for public awareness • MIS cyber security trainings • EM staff will offer and complete training about area hazards. • LEPA for wildfires and other natural disasters • Prescott National Forest planning involvement • THIRA and EOP updates

Figure 90 Table 6-3: Future Public Outreach/Involvement

APPENDIX A: PLAN TOOLS

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Acronyms

ADEQ		Arizona Department of Environmental Quality
ADWR		Arizona Department of Water Resources
AGFD	.....	Arizona Game and Fish Department
ARS	.....	Arizona Revised Statutes
ASCE	.....	American Society of Civil Engineers
ASLD	.....	Arizona State Land Department
ASU	.....	Arizona State University
AZGS	.....	Arizona Geological Survey
BLM	.....	Bureau of Land Management
CAP	.....	Central Arizona Project
CAP	.....	Community Assistance Program
CFR	.....	Code of Federal Regulations
CRS	.....	Community Rating System
CWPP	.....	Community Wildfire Protection Plan
DEMA	.....	Arizona Department of Emergency and Military Affairs
DFIRM	.....	Digital Flood Insurance Rate
DMA 2000	.....	Disaster Mitigation Act of 2000
DOT	.....	Department of Transportation
EHS	.....	Extremely Hazardous Substance
EPA	.....	Environmental Protection Agency
EPCRA	.....	Emergency Planning and Community Right to Know Act
FEMA	.....	Federal Emergency Management Agency
FMA	.....	Flood Mitigation Assistance Grant Program
GIS	.....	Geographic Information System
HAZUS-MH	.....	Hazards United States Multi-Hazard
IFCI	.....	International Fire Code Institute
LEPC	.....	Local Emergency Planning Committee
MMI	.....	Modified Mercalli Intensity
NCDC	.....	National Climate Data Center
NDMC	.....	National Drought Mitigation Center
NESDIS	.....	National Environmental Satellite, Data and Information Service
NFIP	.....	National Flood Insurance Program
NFPA	.....	National Fire Protection Association
NHC	.....	National Hurricane Center
NIBS	.....	National Institute of Building Services
NID	.....	National Inventory of Dams
NIST	.....	National Institute of Standards and Technology
NSF	.....	National Science Foundation
NOAA	.....	National Oceanic and Atmospheric Administration
NRC	.....	National Response Center
NWCG	.....	National Wildfire Coordination Group
NWS	.....	National Weather Service
PSDI	.....	Palmer Drought Severity Index
PAWUIC	.....	Prescott Area/Urban Interface Commission
RL	.....	Repetitive Loss
SARA	.....	Superfund Amendments and Reauthorization Act
SRLP	.....	Severe Repetitive Loss Properties
SRL		Severe Repetitive Loss
UBC		Uniform Building Code
USACE		United States Army Corps of Engineers

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USDAUnited States Department of Agriculture
USFSUnited States Forest Service
USGSUnited States Geological Survey
WUIWildland Urban Interface
YCEMYavapai County Emergency Management
YCFCD.....Yavapai County Flood Control District

APPENDIX B: PREVIOUS MITIGATION STRATEGY ASSESSMENT

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Previous Mitigation Strategy Assessment for Yavapai County					
Description	Hazard(s) Mitigated	Estimated Cost	Status	Project Lead	Potential Funding Source(s)
Lynx Creek Channelization. Proposed channelization of Lynx Creek downstream of SR 69 through Fain Rd bridge. Channel will contain 100-year flood flows with gabion bank stabilization. Local asset exposure of approximately \$5 million.	Flood	\$2.2M	Completed	Flood Control District	Flood Control District
Beaver Creek Channel Restoration. Channel bank restoration to prevent ongoing erosion hazard to protect existing and future buildings and infrastructure.	Flood	\$100K	Completed	Flood Control District	Flood Control District
Flood Hazard Mapping. Identify and map new flood hazard areas and update existing mapping in accordance with NFIP compliant requirements to protect existing and future buildings and infrastructure from flood hazards.	Flood	\$1.5M	Completed on an annual basis	Flood Control District	Flood Control District
Flood Warning System. Install additional in stream, weather, and precipitation gauges in watersheds impacting Yavapai Co. To include website development and remote dial-up for public agencies.	Flood	\$500K	Completed on an annual basis	Flood Control District	Flood Control District
Flood Damage Prevention, Drainage Criteria Ordinance and Stormwater Management Plan. Amend ordinances to prevent flood damage and water quality degradation and to protect existing and future buildings and infrastructure.	Flood	\$100K	Completed	Flood Control District	Flood Control District
Groundwater Identification and Conservation. Establish the extent of available groundwater and coordinate growth in accordance with defined water resources. Apply water allocation/ budgeting as a growth management tool County wide.	Drought	\$40K	Completed on an annual basis	Water Advisory Committee	General Fund
Neighborhood Wildfire Assessment. Develop neighborhood wildfire assessment and rank at-risk neighborhoods with the goal to provide accurate wildfire information to residents and motivate them to implement personal and neighborhood mitigation measures.	Wildfire	\$500K	Completed on an annual basis	Yavapai Co Firewise and Yavapai Co OEM	Self-Funded
Regional Fuels Crew. Support two full-time crews dedicated to hazard fuel reduction, and public education in the Prescott Basin and surrounding areas.	Wildfire	\$3M	Completed on an annual basis	Prescott Fire & Central Yavapai Fire	USDA/FS Grants
County Fuels Crew. Support part-time road crew to perform roadside hazard fuel reduction along County roads in the interface.	Wildfire	\$300K	Completed on an annual basis	Public Works	Self -Funding, and USDA/FS Grants
Fire Wise Community Programs. Develop Fire Wise programs for all communities, neighborhoods and homeowners' associations within the wildland fire/urban interface including instruction materials & facilitating partnerships with insurance agencies.	Wildfire	\$15K	Completed on an annual basis	HOA's, Community Groups	Self -Funding, and USDA/FS Grants

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Yavapai County					
Description	Hazard(s) Mitigated	Estimated Cost	Status	Project Lead	Potential Funding Source(s)
Wildfire Public Education Activities. Continue and expand Town Hall style meeting to include annual expo and continuation and expansion of the regional alert website to protect existing and future buildings and infrastructure over 10 years.	Wildfire	\$100K	Completed on an annual basis	PAWUIC	Self-Funding USDA/FS Grants
Small Diameter Wood Business Recruitment. Partnership between PAWUIC and development agencies to conduct outreach and attract sustainable, small-diameter wood-based businesses into the area.	Wildfire	\$1.2M	Completed	PAWUIC/ YCEM	ARRA Grants
County Wildland Mapping for State GIS. Establish and maintain a county component of the state GIS mapping system documenting forest treatments, hazard data, grants, etc.	Wildfire	\$25K	Completed on an annual basis	County GIS	General Fund
Boundary Project. Develop a 270-degree defensible wildfire boundary around interface immediately to the south of Prescott.	Wildfire	\$3M	Completed on an annual basis	PAWUIC/ USFS	USDA/FS Grants
Urban Search and Rescue Team Project. Develop urban search and technical rescue capability in the County through training and procurement of specialized equipment.	All	\$1M	Completed	Participating Fire Depts.	Homeland Security
Ensure Water Quality. Protect water quality from contamination through development of household hazardous waste programs over ten years.	Drought; HAZMAT	\$200K	Completed	YCEM	County, city, ADEQ
Personal Protection and Detection Equipment. Identify and purchase first responder advanced technology personal protection and detection equipment for chemical and biological incidents.	Chemical and Biological	\$150K	Completed	county-wide Public Safety	Homeland Security
CERT Program. Citizen disaster training to form neighborhood teams as interim first responders in widespread disasters or events where communities and neighborhoods are isolated. Ten-year program.	All	\$50K	Completed with annual maintenance	YCEM	FEMA
Repetitive Flood Loss Properties. Inform and coordinate property owners to flood mitigation programs such as retrofit and/or property acquisition.	Flood	\$5M	Completed on an annual basis	Flood Control District	Flood Control District
Purchase and Store Rain Gages for use after a forest fire to assist in mitigating flood and mudslide losses.	Flood and Mudslide	\$50K	Completed on an annual basis	Flood Control District	Flood Control District

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Yavapai County					
Description	Hazard(s) Mitigated	Estimated Cost	Status	Project Lead	Potential Funding Source(s)
Mayer Local Drainage. Construct various flood mitigation projects to protect structures from flooding.	Flood	\$30K	Completed	Flood Control District	Flood Control District
Lake Montezuma Area-Wide Drainage Plan. Area-wide planning project to determine hazard and mitigation projects for construction.	Flood	\$300K	Completed	Flood Control District	Flood Control District

Figure 91 Previous Mitigation Strategy Assessment for Yavapai County

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Camp Verde					
Description	Hazard(s) Mitigated	Estimated Cost	Anticipated Completion Date	Project Lead	Potential Funding Source(s)
Enforce Adopted Building & Fire Codes. Continue to enforce Fire Code requirements for Adequate Fire Flow and Fire Access Lanes.	Wildfire	\$44,000	Completed on an annual basis	Camp Verde Building Official	General Fund
Enforce Nuisance Codes for Abatement of weeds garbage and debris to create defensible spaces around existing homes and buildings.	Wildfire	\$43,000	Completed on an annual basis	Community Development Director	General Fund
Implement Stormwater Master Plan. Hire an engineer to devote a portion of their time to overseeing the implementation of the Stormwater Master Plan for mitigation of stormwater and flooding hazards. Management Plan as well.	Flooding	100K	Completed	Public Works/Project Mgr.	General Fund
Uninterrupted Power System for Traffic Signals. Install battery backup power systems at major traffic intersections.	Transportation Accident	\$150K	Completed	Public Works Director	General Fund
Flood Prone Property Acquisition. Inform and coordinate property owners to flood mitigation programs such as retrofit and/or property acquisition in Verde Lakes area including Verde Lakes Drive/Clear Creek Restoration.	Flooding, Fire	\$100K	Completed on an annual basis	Public Works Director/Deputy Director	General Fund, County Funds FEMA HMGP
Middle Verde Area Drainage Improvements. Channelization of Middle Verde area with box culverts, retention/detention basins to remove several homes from the floodplain as reported in the Middle Verde Area Drainage Evaluation by the USACE.	Flooding	\$2M	Completed	Public Works Director	FEMA HMGP / General Fund match
Maintain IGA with the County as Floodplain Managers to ensure compliance with NFIP regulations for management and review of new developments located in the floodplain in regard to issuance of floodplain use permits.	Flooding	\$15,000	Completed on an annual basis	Public Works Director	General Fund
Partner with the Forest Service and Hopi Tribe to gain permission and funding to mitigate storm water impact from Forest Service properties surrounding our community in (5) identifiable sites.	Flooding, Mudslides	\$4.5M	Completed	Public Works Director	General Fund match, FEMA HMGP
Construct road crossings and drainage channels at Quarterhorse Dr. and Glenrose Drive areas that drain the Camp Verde School District property, private properties and Forest Service properties North of Quarterhorse Dr. to the Diamond "S" ditch.	Flooding	\$400K	Completed	Public Works Director	General Fund match, FEMA HMGP
Verde Lakes, Ward ranch Gully, and West Clear Creek Habitat, Floodplain Remediation	Flooding Wildfire	\$1.5M	Completed on an annual basis	Public Works Director	General Fund match, FEMA HMGP

Figure 92 Previous Mitigation Strategy Assessment for Camp Verde

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Chino Valley					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Sources
Road 3 North and Voss Drive Drainage. Install box culverts to convey sheet flow across Road 3 North with Retention/Detention basins southwest of Voss Drive.	Flood	\$250,000	Completed	Public Works Director	CIP Program
Hazard Public Education Activities. Continue and expand Town Hall style meetings, annual expos, and other public outreach. Expansion of the Town, Police, and Fire website. Distribution of educational materials related to all hazards the Town is susceptible to. 5-year cost.	All	\$200,000	Completed	Police and Public Works, Chino Valley Fire District	CIP Program
Bridge on Road 2 North. Reconstruction of Bridge on Road 2 North over Santa Cruz Wash to eliminate frequent overtopping due to sedimentation. Project will prevent road closures due to heavy rains and allow uninterrupted access.	Flood	\$600,000	Completed	Public Works Director	CIP Program
Strengthen Building Codes. Adopt and enforce new building codes to protect existing and future buildings and infrastructure from high wind and other natural and human caused disasters. 5-year cost.	All	\$75,000	Completed with the adoption of the 2018 IBC	Community Development, Legal, and Public Works, Chino Valley Fire District	General Funds
Maintain compliance with NFIP regulations by enforcement of the FEMA floodplain management through review of new development located in the floodplain and issuance of FEMA floodplain use permits.	Flood	\$75,000	Completed on an annual basis	Community Development, Legal, and Public Works	General Fund
Road 4 North Improvements. Construct an all-weather crossing at Road 4 North and Jerome Junction to provide an alternative access across the Santa Cruz Wash. – complete, move to past	Flood	\$800,000	Completed	Public Works Director	Federal Grant Funds from US Dept of Comm

Figure 93 Previous Mitigation Strategy Assessment for Chino Valley

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Clarkdale					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Sources
Improve Flood Warning System on Verde River. Install gage and equipment for flood warning system in the Verde River at Tuzigoot Bridge.	Flood	\$10,000	Completed	Yavapai Co Flood Control District	Yavapai County
Tuzigoot Bridge. Enlarge or replace Tuzigoot Bridge to alleviate traffic and accommodate emergency response vehicles during flooding events on the Verde River.	Flood	\$28,000,000	Completed	ADOT	ADOT
Finalize PARA Study. Work with consultant or finalize the Transportation Master Plan for the Town.	Transportation Accident	\$125,000	Completed	ADOT	ADOT
Review and modify International Construction Code Appendix - Property Maintenance Code to help maintain building integrity to prevent injury or loss of life and to mitigate damage to existing and future structures resulting from severe winds.	Severe Wind	\$5,000	Completed on a three-year cycle	Clarkdale Community Development Dept	General Fund
Targeted Debris Removal and Wildfire Fuel Reduction. Remove overgrowth and debris around washes in the Town including the Verde River. Project to increase river capacity and reduce wildfire hazard.	Flood; Wildfire	\$25,000	Completed	Clarkdale Fire District	Fire District
Enforce recently adopted International Construction Codes to prevent injury or loss of life and to mitigate damage to existing and future structures resulting from severe winds.	Severe Wind	\$5,000	Completed on an annual basis	Clarkdale Community Development Dept	General Fund
Wildfire Fuel Reduction. Conduct wildfire hazard fuel reduction within and surrounding Clarkdale to reduce the risk to existing and new structures.	Wildfire	\$20,000	Completed	Clarkdale Fire District	Fire District
Purchase and install backup generators to provide power in the event of a power outage related to severe wind and winter storm events. Install back up power systems for critical public services and disaster shelters in the Town.	Severe Wind; Winter Storm	\$300,000	Completed	Clarkdale	General Fund Grants
Develop IGA with Yavapai County Flood Control District for establishing procedural guidelines for the implementation and enforcement of the NFIP floodplain management.	Flood	\$15,000	Completed on an annual basis	Clarkdale Community Development Dept	General Fund
Yavapai County Flood Mitigation Projects. Major projects are driven by historical events and minor projects are driven by local issues	Flood	\$150,000	Completed on an annual basis	Clarkdale Public Works Dept	Yavapai Co Grants

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Clarkdale					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Sources
Twin 5 Water Main Location. Replace/relocate vulnerable existing exposed above ground dual 5" water main pipelines with a minimum 12" ductile iron pipe to enhance system security and improve operating capability.	Flood, Wildfire, Terrorism, Vandalism	3,500,000	Completed	Clarkdale Utility Dept	Water Fund HUD Homeland Security Grant
89A Reservoir Site Protection. Install traffic control barricades to protect vulnerable existing reservoir tanks.	Transport Accident	30,000	Completed	Clarkdale Utility Dept	Water Fund HUD
Mescal Well Project. Additional future water supply	Water	1,200,000	Feasibility study completed. Drilling in progress with expectation to bring the well online in 2024	Clarkdale Utility Dept	Water Fund HUD
Improve Flood Warning System on Verde River by installing additional gage and equipment for flood warning system on the Verde River prior to waters reaching Clarkdale in order to have better water level and flood information for evacuations for personal and property safety.	Flood	\$10,000	Completed	Yavapai County	Yavapai Co Flood Control District
Targeted Debris Removal and Wildfire Fuel Reduction. Remove overgrowth and debris around washes in the Town including the Verde River. Project to increase river capacity and reduce wildfire hazard.	Flood; Wildfire	\$25,000	Completed	Verde Valley Fire District	Fire District, County, State/ Federal Grants
Wildfire Fuel Reduction. Conduct wildfire hazard fuel reduction within and surrounding Clarkdale to reduce the risk to existing and new structures.	Wildfire	\$20,000	Completed	Verde Valley Fire District	Fire District, County, State/ Federal Grants
Education and awareness programs to inform and educate citizens, elected officials and property owners about hazards and potential ways to mitigate them by pre-planning.	Flood Wildfire Severe Wind Landslide Mudslide Winter Storm	\$10,000	Completed	Town of Clarkdale Employees	General Fund

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Clarkdale					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Sources
Blacktopping of Sycamore Canyon Road	Flood Landslide Mudslide Winter Storm	\$775,000	Completed	Yavapai County	County
Develop IGA with Yavapai County Flood Control District for establishing procedural guidelines for the implementation and enforcement of the NFIP floodplain management Yavapai County Flood Mitigation Projects. Major projects are driven by historical events and minor projects are driven by local issues. Flood mitigation projects approved by Yavapai County after presentation from the Town prioritizing projects	Flood Landslide Mudslide	\$40K	Completed on an annual basis	Clarkdale Public Works Dept	Yavapai Co Grants
Annual Drainage Improvement Projects	Flood	\$400K	Completed on an annual basis	Public Works Director	Flood Control District

Figure 94 Previous Mitigation Strategy Assessment for Clarkdale

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Cottonwood						
Description	Hazard(s) Mitigated	Estimated Cost	Priority Ranking	Current Status	Project lead	Potential Funding Sources
Enforce Current Building Codes. Continue to enforce building codes to protect existing and future buildings and infrastructure from severe wind damage and other natural and human-caused disasters. 5-year cost.	All	\$200,000	High	Completed on an annual basis	Code Enforcement Officers	General Fund
Complete Railroad Wash Channelization Project. Complete channelization of Railroad Wash between State Route 89A to Beach Street to remove residential properties from the floodplain.	Flood	\$1,000,000	Med	Complete	Public Works Utilities	Grants and General Funding
Public Education Activities. Initiate public outreach for hazard mitigation utilizing City information systems, distribution of educational materials, and neighborhood watch meetings related to all hazards. 5-year cost.	All	\$5,000	Low	Complete	Police/Fire/ Developmental Services	General Fund
HazMat Transportation Enforcement. Initiating interaction with commercial vehicle safety specialists to promote the continued enforcement of rules and regulations of HazMat transport. Through spot inspections of commercial vehicles with the aid of surrounding law enforcement agencies and Motor Vehicle Division.	HazMat	\$2,500	Med	Completed on an annual basis	Police Dept	General and RICCO Funds
Hazmat First Responder Training and Resource Development. Through advanced training and use of equipment first responders are better able to identify hazardous materials and protect the public.	HazMat	\$1,000	Low	Completed on an annual basis	Fire Dept	General Fund or Grant funding
HazMat Code Enforcement. Ensure code compliance related to hazardous materials use, storage, and disposal in the community.	HazMat	\$10,000	Med	Completed on an annual basis	Fire Dept	Grants and General Fund
Accident Reduction Details. Continuation of traffic accident mitigation by selective enforcement in high-risk areas. 5-year cost.	Traffic Accident	\$35,000	High	Complete	Police Dept	General Fund
Early Warning System. Active early warning system for inclement weather and flooding conditions. Cooperative with Yavapai Co and NOAA.	All	\$30,000	Med	Complete	Public Works And Police Dept	Grant Funds
Backup Power Supply for Water Distribution Systems. Obtain backup electrical generation systems for emergency operation for the water distribution system during power outages caused by severe wind or another hazard event.	Severe Wind Winter Storm	\$750,000	High	Complete	Utilities	General Fund and Grant Funds
Public Safety Communication Improvements. Upgrade public safety communication systems to handle storm related operational disruptions during severe weather.	All – Response Oriented	\$1,000,000	High	Complete	Public Safety (Fire Dept and Police Dept)	Grant Funds General Funds

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Cottonwood						
Description	Hazard(s) Mitigated	Estimated Cost	Priority Ranking	Current Status	Project lead	Potential Funding Sources
Eliminate Wet Crossings on Collector Streets Within the City. Replace wet crossings with structures to allow uninterrupted traffic access during flood events on 6th Street and Camino Real crossing of Silver Springs Gulch.	Flood	\$20,000	High	Complete	Public Works	Capital Purchase
Targeted Stormwater Drainage Improvements. Identify repetitive flooding problems within the community and develop projects to reduce the flooding hazard. — Complete Old Town District/Del Monte Wash Channelization/Re-delineation Project. Complete channelization of Del Monte Wash between Balboa Street and 5 th Street to remove residential and commercial properties from the floodplain	Flood	\$50,000	High	Complete	Public Works	General Fund
Wildfire Fuel Reduction Program. Identify and remove excess wildfire fuels from targeted wildland/urban interface areas to protect existing and future buildings and infrastructure.	Wildfire	\$160,000	High	Completed on an annual basis	Fire Dept and Street Dept	General Fund

Figure 95 Previous Mitigation Strategy Assessment for Cottonwood

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Dewey-Humboldt					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Sources
Antelope Meadows Commercial Center. Remove flooding risk to the residents downstream of the Antelope Industrial Park (1 mi east of SR69, on SR169) by diverting flow to the Agua Fria River. This will include constructing to capture and convey drainage in a controlled manner.	Flood	\$100,000	Project terminated prior to initiation.	Dewey-Humboldt Engineering and Public Works Dept	IGA, General Fund, or HURF
Implement and Enforce building Codes. Implement and enforce council directed building codes and adopt new international codes as they become available and/or are applicable.	All	\$70,000	Completed on an annual basis	Dewey-Humboldt Community Development and Bldg. Dept	N/A
Public Outreach. Educate the public on the risks resulting from fire, severe weather, and associated hazards; including recommendations on how to protect themselves and their property from damages due to natural and man-made hazards events.	Drought, Severe Wind, Fire	\$5,000	Completed biennially	Dewey-Humboldt Community Development	General Fund
NFIP Compliance. Maintain compliance with NFIP regulations by enforcement of the county floodplain management ordinance through review of new development located in the floodplain and issuance of floodplain use permits.	Flood	\$47,000	Complete	Yavapai County Flood Control District (through an agreement with Dewey-Humboldt)	N/A
All Weather Crossing at Prescott Street. All weather crossing of the Agua Fria River is recommended at the location of the exiting low-flow at-grade crossing along Prescott St. to improve circulation and emergency vehicle access. In addition to local studies, a 2012 Arizona Dept. of Transportation study identified the need. The Town is considering either a Bridge or Box Culverts.	Fire, Flood	\$3,500,000 to \$900,000 depending on solution (either a bridge or a box culvert)	Transportation study completed with 3 potential solutions to pursue.	Dewey-Humboldt Public Works Dept.	IGA, General Fund, or HURF, Possible Grants
Create multiple access points with all-weather roads on the west side of Highway 69. A 2012 ADOT study identified that Dewey Road, Prescott Dells Road, Powerline Rd, and Rocky Hill Road as good alternatives for additional routes in portion of the Town for circulation consideration.	Fire, Flood	\$3,500,000 to \$7,200,000	Annual review	Dewey-Humboldt Community Development and Engineering and Public Works Dept.	General Fund, or HURF, Possible Grants, Flood Control Funds
Fire Wise Community Certification. In 2016/2017 two areas of the Town became Fire wise community certified. In these areas the residents are now working to maintain defensible space for fire hazards.	Fire. Flooding, landslides	\$4,000	Certification completed. Maintenance completed by residents.	Dewey-Humboldt Community Development with resident's participation.	Grant from Prescott area wildland urban interface commission

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Dewey-Humboldt					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Sources
Installation of headwalls and spillways on Foothills Road Headwalls and spillways at two major drainage areas on a local main collector road. Installed to prevent further erosion of roadbed and to prevent damage on adjacent properties.	Flooding/ erosion	\$160,000	Complete	Dewey-Humboldt Public Works Department and Yavapai County Flood Control District	Yavapai County Flood Control District
Annual Cleanup Program. This Program enables residents to dispose of excess brush, rubbish, etc. from their properties twice a year service provided by the town.	Fire	\$10,000.00	Completed on an annual basis	Dewey-Humboldt Public Works Department	General Funds
Ditch and Channel Cleanup and Repair. Annually clean and repair drainage ditches and channels throughout Town.	Flooding/ Landslides/ Erosion Control	\$35,000.00	Completed on an annual basis	Dewey-Humboldt Public Works Department	General Funds/ Hurf Funds/ Flood Control
Implement and Enforce building Codes. Implement and enforce council directed building codes and adopt new international codes as they become available and/or are applicable. Codes will be enforced through building inspections, permits and code enforcement portion of the Planning and Zoning office.	All Hazards	\$70,000	Enforcement completed annually. Code revisions completed every 3 years	Dewey-Humboldt Community Develop and Bldg. Dept	N/A
FireWise Community Certification. In 2016/2017 two areas of the Town became FireWise community certified. In these areas, the residents are now working to maintain defensible space for fire hazards.	Wildfire, Flooding, landslides	\$12,000	Complete	Dewey-Humboldt Community Develop with resident's participation and then taking over the lead after starting up	Grant from Prescott area wildland urban interface commission
Annual Drainage Improvement Projects	Flood	\$40,000	Completed on an annual basis	Public Works Director	Flood Control District

Figure 96 Previous Mitigation Strategy Assessment for Dewey Humboldt

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Jerome					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Source(s)
Town Fuels Crew. Support and equip part-time wildland fire crew to perform wildfire hazard fuel reduction for prevention and suppression in cooperation with the Forest Service, mining companies and private property owners to protect existing and future buildings and infrastructure. 5-year cost.	Wildfire, Landslide/ Mudslide	\$25,000	Completed on an annual basis	Fire Chief and Chief Building Official.	Wildlands fees
HAZMAT Public Outreach. Educate the public about hazardous materials safety by including information in Town newsletter and distributing flyers at Town events.	HAZMAT	\$500	Completed on an annual basis	Town Manager and Fire Chief.	Town budget – general fund.
Adopt and enforce new building codes to protect existing and future buildings and infrastructure from severe wind damage and other natural and human caused disasters. 5-year cost.	All	\$3,000	Completed on an annual basis	Fire Chief, Chief Building Official, Police Chief	Town budget
Repair and potential replacement of storm drain on 89A. A plugged and damaged storm drain on 1 st and 89A in front of Bobby D's Restaurant – Working with ADOT.	Flood, Landslide/ Mudslide	\$15,000	Complete	Town Manager, Fire Chief, Public Works Director	Grants (CDBG, FEMA, USDA, others) plus town budget
Adopt and enforce new building codes. To protect existing and future buildings and infrastructure from hazards, adoption of new building codes and enforcement will include compliance with regular annual inspections performed on existing buildings as well as initial inspections and follow up annual inspections for new construction.	All	\$3,000	Completed with the adoption of the 2018 IBC.	Fire Chief, Chief Building Official, Police Chief	Town Budget

Figure 97 Previous Mitigation Strategy Assessment for Jerome

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Prescott					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Source(s)
Improve Communications Infrastructure. Finalize construction of seven communication sites to improve emergency response communication capabilities.	All – Response Oriented	\$500,000	Complete	Police Dept	GF/Grants
Wildfire Fuel Reduction. Continue wildfire fuel reduction on private/public property to protect existing and future buildings and infrastructure. 5-year cost.	Wildfire	\$600,000 Annually	Completed on an annual basis	Fire Dept	GF/Grants
Improve Response Capability. Purchase additional hazardous materials mitigation equipment.	HazMat	\$300,000	Complete	Fire Dept	Grants
Improve Emergency Operations Center. Purchase and install computer, audio/visual, communications, and reverse 911 equipment.	All – Response Oriented	\$200,000	Complete	Fire Dept	Grants
First Responder Training and Equipment. Through advanced training and use of equipment first responders are better able to identify hazards and protect the public.	All – Response Oriented	\$75,000	Completed on an annual basis	Fire Dept	Grants
Improve Low Water Crossings. Install gates, signs, and gages to prevent vehicle travel in 28 low water crossings during flooding events.	Flood	\$383,731	Complete	Public Works	GF/Grants
City Hall Building Security Project. Provide security to City Hall against civil disturbance and terrorism. To include badging-entry system, and hardening glass around front office employees.	Civil Disturbance, Terrorism	\$100,000	Complete	Administrative Services	Grants
Urban Search and Rescue Team Project. Improve urban search and technical rescue capability in the city through training and procurement of specialized equipment.	All – Response Oriented	\$200,000	Completed on an annual basis	Fire Dept	Grants
Enforce Current Building Codes. Continue to enforce building codes to protect existing and future buildings and infrastructure from severe wind damage and other natural and human caused disasters. 5-year cost.	All	\$75,000 Annually	Completed on an annual basis	Community Development	GF/Grants
Uninterrupted Power System for Traffic Signals. Install battery backup power systems at major traffic intersections to mitigate potential accidents due to power outages associated with severe weather.	Traffic Accident, Severe Wind, Winter Storm	\$300,000	Complete	Public Works	GF/Grants
Wildfire Code Enforcement. Continue enforcement of wildland urban interface code. 5-year cost.	Wildfire	\$75,000 annually	Completed on an annual basis	Fire Dept	GF/Grants

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Prescott					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Potential Funding Source(s)
Replacement and protecting of existing sewer and water mains within FEMA Floodplains, which are subject to runoff.	Flooding	\$9,772,611	Complete	Public Works	GF/Grants
Enforcement of floodplain management requirements in accordance with the NFIP, including regulating all and substantially improved construction in floodplains to reduce the losses to property and people.	Flooding	\$75,000	Complete	Public Works	GF/Grants

Figure 98 Previous Mitigation Strategy Assessment for Prescott

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Prescott Valley					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Funding Sources
Neighborhood Wildfire Assessment. Develop neighborhood wildfire assessment and rank at-risk neighborhoods with the goal to provide accurate wildfire information to residents and motivate them to implement personal and neighborhood mitigation measures.	Wildfire	\$50,000	Completed on an annual basis	Central Yavapai Fire District (CYFD)	Grant
Wildfire Defensible Space Program. Provide funding for residents in at-risk subdivisions to create defensible space around their homes in designated high risk urban interface areas to protect existing and future buildings and infrastructure. 5-year program.	Wildfire	\$500,000	Completed on an annual basis	CYFD	Grant
Town Fuels Crew. Support and equip part-time road crew to perform roadside wildfire hazard fuel reduction along roads in the interface to protect existing and future buildings and infrastructure.	Wildfire	\$150,000	Completed on an annual basis	Public Works (PW)	General Fund
Emergency Vehicle Pre-Emption System. Install a traffic signal priority system for police and fire emergency response vehicles.	Response	\$500,000	Complete	Police Department (PD) & CYFD	Grant
Traffic Control Devices. Obtain 2 lighted sign boards and trailer for use in providing location specific traffic control during hazard events.	Traffic Accident	\$50,000	Complete	PW	Grant
Construct Agua Fria Channel flood control facilities to protect residential areas from flood damages.	Flooding	\$10,000,000	Complete	PW	Flood Control District
Complete Phase 2 of the Western Drainage flood control project to protect residential areas from flood damages.	Flooding	\$1,000,000	Complete	PW	Flood Control District
Construct Spouse Drainage flood control facilities to protect residential areas from flood damages.	Flooding	\$1,800,000	Complete	PW	Flood Control District
Secondary Well Site Power Systems. Obtain backup electrical generation systems for emergency operation at all well sites.	Severe Wind, Power Outage	\$500,000	Complete	Utilities	Impact Fees
Source Water Assessment Program for the North Well Field, Big Chino Water System and the Agua Fria Recharge Facilities.	Drought	\$100,000	Complete	Utilities & Water Resources	Impact Fees

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Prescott Valley					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Funding Sources
Uninterrupted Power System for Traffic Signals. Install battery backup power systems at 10 major traffic intersections.	Traffic Accident, Severe Wind	\$300,000	Complete	PD, CYFD, PW	Grant
Town Building Security Project. Provide security to Town of Prescott Valley Complex Buildings against civil disturbances and terrorism. 2 nd exit from PD Enclosed parking, bullet proof glass @ PD lobby, upgrade to larger generator at PD, bullet proof panels at Council desks and "safe haven" area, cameras @ Library & Civic Center, additional cameras at PD.	Terrorism, Civil Disturbance	\$230,000	Complete	PD, PW	Grant, Bond, General Fund
Joint Police and Fire Training Center. Complete the construction of a training facility to meet the changing needs and requirements of the emergency response personnel.	Response	\$7,500,000	Complete	PD, CYFD	Grants & Bond
Community Secondary Routes. Plan, design, construct secondary access routes for emergency vehicles.	All	\$5,000,000	Complete	PD, CYFD	Grants, Bonds & General Fund
Maintain compliance with NFIP regulations by enforcement of the Town's floodplain management ordinance through the review of all new or substantially improved development located within FEMA delineated Special Flood Hazard Areas and the issuance of floodplain use permits.	Flood	\$15,000	Completed on an annual basis.	PW / Engineering Division Mgr.	General Fund
Severe weather education. Development of severe weather education with the National Weather Service.	Wind	\$1,500	Complete	Emergency Management	General Fund
Earthquake education. Development of earthquake education with the United States Geological Survey.	Earthquake	\$1,500	Complete	Emergency Management	General Fund
Construct Spouse Drainage flood control facilities to protect residential areas from flood damages.	Flood	\$1,800,000	Complete	PW	Flood Control District
Construct Agua Fria Channel flood control facilities to protect residential areas from flood damages.	Flooding	\$10,000,000	Complete	PW	Flood Control District
Severe weather education. Development of severe weather education with the National Weather Service.	Wind	\$1,500	Complete	Emergency Management	General Fund

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Prescott Valley					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Project Lead	Funding Sources
Source Water Assessment Program for the North Well Field, Big Chino Water System, and the Agua Fria Recharge Facilities.	Drought	\$100,000	Complete	Utilities and Water Resources	Impact Fees
Town Building Security Project. Provide security to Town of Prescott Valley Complex Buildings against civil disturbances and terrorism. 2 nd exit from PD Enclosed parking, bullet proof glass @ PD lobby, upgrade to larger generator at PD, bullet proof panels at Council desks and "safe haven" area, cameras @ Library & Civic Center, additional cameras at PD.	Terrorism, Civil Disturbance	\$230,000	Complete	PD, PW	Grant, Bond, General Fund

Figure 99 Previous Mitigation Strategy Assessment for Prescott Valley

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Sedona					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Primary Agency	Potential Funding Source(s)
Civilian Emergency Response Team. Train and educate public on basic first response capabilities. 5-year cost.	All – Response Oriented	\$84,000	Completed on an annual basis.	Sedona Fire District	General Fund
Urban Wildland Interface Training for officers, risk assessments. 5-year cost.	Wildfire	\$56,000	Completed on an annual basis.	Sedona Fire District	General Fund
Provide wildland fire property assessments to homeowners and business owners to identify urban wildland interface. Assessments will be based on the currently adopted International Urban-Wildland Interface Code and the latest Sedona Wild-land Interface Map that shows priority threat areas. 5-year cost.	Wildfire	\$74,000	Completed on an annual basis.	Sedona Fire District	General Fund
Keep sand and bags available to the public at the following four locations: 2070 Contractors Road, 431 Forest Road, 120 Indian Cliffs Road, and Red Rock High School. 5-year cost.	Flooding/ Flash Flooding	\$35,000	Completed on an annual basis.	City Public Works Dept./ Maintenance Superintendent	City Maintenance Budget
2065 Sanborn Drive: Headwall and bank protection work at existing drainage crossing to protect the integrity of Sanborn Drive.	Flooding/ Flash Flooding	\$30,000	Complete	City Public Works Dept./ Assistant City Engineer	Yavapai Co Flood Hazard Mitigation Grant Funding
Phase 2 of the Harmony/Windsong Drainage Project: Increase capacity to convey the 25-year storm under SR 89A at 2970 W. SR 89A. Capacity will increase from 400 CFS to 900 CFS.	Flooding/ Flash Flooding	\$400,000	Complete	City Public Works Dept./ Assistant City Engineer	Yavapai Co Flood Hazard Mitigation Grant & City Development Impact Fees
Phase 3 of the Harmony/Windsong Drainage Project: Increase capacity and culvert the existing drainage channel between Navajo Drive and Lyric Drive.	Flooding/ Flash Flooding	\$1.1M	Complete	City Public Works Dept./ Assistant City Engineer	Yavapai Co Flood Haz Mitigation Grant Funding and City Development Impact Fees
Phase 4 of the Harmony/Windsong Drainage Project: Increase capacity and culvert the existing drainage channel between Lyric Drive and Thunder Mountain Road.	Flooding/ Flash Flooding	\$1.4M	Complete	City Public Works Dept./ Assistant City Engineer	Yavapai Co Flood Hazard Mitigation Grant Funding and City Development Impact Fees

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Sedona					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Primary Agency	Potential Funding Source(s)
Enforcement of floodplain management requirements in accordance with the NFIP, including regulating all and substantially improved construction in floodplains to reduce the losses to property and people.	Flooding/ Flash Flooding	\$76,000	Completed on an annual basis.	City Public Works Dept./ Assistant Engineer	General Fund
Improve floodplain administration under the NFIP program by using best available community information to provide base flood elevations for unnumbered "A Zones" in order to provide more detailed information on the DFIRM maps.	Flooding/ Flash Flooding	\$10,000	Complete	City Public Works Dept./ Assistant Engineer	City General Fund
Improve Emergency Operations Center. Purchase and install computer, audio/visual, communications, and reverse 911 equipment.	All	\$200,000	Complete	Fire Department	Grants
Replacement and protecting of existing sewer and water mains within FEMA Floodplains, which are subject to runoff. See above.	Flooding	\$9,772,611	Complete	Public Works	GF/Grants
Coffee Pot Drainage Basin Improvements Project. Design and construction of 3,300 lineal feet of 72" diameter storm drain from the NW corner of the Bashas' Shopping Center to the north end of Little Elf Drive.	Flood	\$4,699,441	Complete	City Public Works Dept.	Coconino Co Flood Control Dist.
Brewer Road/Tlaquepaque Drainage Improvements Project. Design and construction of 1,400 lineal feet of 22' wide by 8.5' deep Redi-Rock lined channel within Soldier Wash. Includes replacement of the Portal Lane bridge and a pedestrian bridge.	Flood	\$3,623,896	Complete	City Public Works Department	70% City Capital Reserves and 30% Yavapai Co Flood Control Dist.
Brewer Road Crossing Project. Design and construction of the replacement of the existing Brewer Road Crossing of Soldier Wash.	Flood	\$951,850	Complete	City Public Works Department	77% Coconino Co Flood Control Dist. and 23% private partnership
Juniper Hills Area Drainage Project. Design and installation of storm drainage improvements in the Juniper Lane area.	Flood	\$701,000	Complete	City Public Works Department	Coconino County Flood Control District
Mystic Hills Sewer Lift Station Access Improvement Project. Design and construction of a new drainage crossing that provides access to a few homes and a city sewer lift station.	Flood	\$240,000	Complete	City Public Works Department	85% Coconino Co Flood Control Dist. and 15% City Capital Reserves

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Sedona					
Description	Hazard(s) Mitigated	Estimated Cost	Current Status	Primary Agency	Potential Funding Source(s)
Back O' Beyond Low Water Crossing Improvement Project. Design and construction of a culvert structure to replace the existing low water crossing.	Flood	\$720,000	Complete	City Public Works Department	Yavapai County Flood Control District
Oak Creek and Tributary Restudy. The Oak Creek Floodplain was originally mapped in the late 1970s. Since then, small reaches have been reviewed, but there has been no study of the entire floodplain. Modeling software has improved and better methods for developing more accurate topography have been developed. This restudy will improve floodplain administration under the NFIP by providing best available community information and will establish base flood elevations for some unnumbered "A Zones" in order to provide more detailed information on the DFIRMs.	Flood	\$1,199,990	Complete	Yavapai County Flood Control District	FEMA CTP Grant

Figure 100 Previous Mitigation Strategy Assessment for Sedona

YAVAPAI COUNTY
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2023

Previous Mitigation Strategy Assessment for Yavapai-Prescott Indian Tribe					
Description	Hazard(s) Mitigated	Est Cost	Current Status	Project Lead	Funding Sources
Educate tribal community on the hazards of flooding/flash flooding through an informational / outreach meeting to be conducted at least once in the next year	Flooding/ Flash Flooding	\$500	Completed on an annual basis.	YPIT Environmental Protection/ Emergency Management	GAP
Educate tribal community on severe wind through an informational / outreach meeting to be conducted at least once in the next year.	Severe Wind	\$500	Completed on an annual basis.	YPIT Environmental Protection/ Emergency Management	GAP
Clearing of overburden and brush and establishing defensible space on tribal properties.	Wildfire	\$12,000	Completed on an annual basis.	YPIT Environmental Protection/ Emergency Management	BIA
Educate tribal community on winter storm hazards and how to deal with them through an informational / outreach meeting to be conducted at least once in the next year.	Winter Storm	\$500	Completed on an annual basis.	YPIT Environmental Protection/ Emergency Management	GAP

Figure 101 Previous Mitigation Strategy Assessment for Yavapai-Prescott Indian Tribe

APPENDIX C: JURISDICTION ADOPTION LETTERS