



Federal Emergency Management Agency  
Washington, D.C. 20472

MAY 09 2008

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

The Honorable Carol Springer  
Chairman, Yavapai County  
Board of Supervisors  
1015 Fair Street  
Prescott, AZ 86305

IN REPLY REFER TO:

Case No.: 07-09-1850P  
Community Name: Yavapai County, AZ  
Community No.: 040093  
Effective Date of  
This Revision: MAY 09 2008

Dear Ms. Springer:

The Flood Insurance Study report and Flood Insurance Rate Map for your community have been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Oakland, California, at (510) 627-7175, or the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Sincerely,

Craig S. Kennedy, CFM, Program Specialist  
Engineering Management Branch  
Mitigation Directorate

For: William R. Blanton Jr., CFM, Chief  
Engineering Management Branch  
Mitigation Directorate

List of Enclosures:

Letter of Map Revision Determination Document  
Annotated Flood Insurance Rate Map  
Annotated Flood Insurance Study Report

cc: (See attached list.)

List of Courtesy Copies – Yavapai County, AZ

The Honorable Harvey C. Skoog  
Mayor, Town of Prescott Valley

Mr. Ray Smith  
Floodplain Administrator  
Town of Prescott Valley

Mr. Kenneth E. Spedding  
Development Services Director  
Yavapai County

Mr. Brian Cosson, CFM  
NFIP Coordinator  
Office of Dam Safety and Flood Mitigation  
Arizona Department of Water Resources

Mr. Len Erie, P.E.  
Erie and Associates, Inc.



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Yavapai County Arizona (Unincorporated Areas)	BRIDGE FILL	HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS NEW TOPOGRAPHIC DATA BASE MAP CHANGES
	COMMUNITY NO.: 040093		
IDENTIFIER	Orchard Ranch	APPROXIMATE LATITUDE & LONGITUDE: 34.567, -112.264 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM* NO.: 04025C2110 F DATE: June 6, 2001 TYPE: FIRM* NO.: 04025C2120 F DATE: June 6, 2001		DATE OF EFFECTIVE FLOOD INSURANCE STUDY: June 6, 2001 PROFILE(S): 400P SUMMARY OF DISCHARGES TABLE: 7	

Enclosures reflect changes to flooding sources affected by this revision.

\* FIRM - Flood Insurance Rate Map; \*\* FBFM - Flood Boundary and Floodway Map; \*\*\* FHBM - Flood Hazard Boundary Map

### FLOODING SOURCE(S) & REVISED REACH(ES)

Lynx Creek - from approximately 4,070 feet downstream of Arizona State Highway 69 to approximately 1,160 feet upstream

### SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Lynx Creek	Zone A No BFEs*	Zone AE BFEs	YES YES	YES NONE

\* BFEs - Base Flood Elevations

### DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

*Craig S. Kennedy*  
 Craig S. Kennedy, CFM, Program Specialist  
 Engineering Management Branch  
 Mitigation Directorate



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LETTER OF MAP REVISION  
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 040121

Name: Town of Prescott Valley, Arizona

AFFECTED MAP PANELS

TYPE: FIRM\* NO.: 04025C2110 F DATE: June 6, 2001

AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: June 6, 2001  
PROFILE(S): 400P  
SUMMARY OF DISCHARGES TABLE: 7

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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## LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

### COMMUNITY INFORMATION

#### APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to ensure that the flood-carrying capacity within the altered or relocated portion of any watercourse is maintained. This provision is incorporated into your community's existing floodplain management ordinances; therefore, responsibility for maintenance of the altered or relocated watercourse, including any related appurtenances such as bridges, culverts, and other drainage structures, rests with your community. We may request that your community submit a description and schedule of maintenance activities necessary to ensure this requirement.

#### COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This revision has met our criteria for removing an area from the 1-percent-annual-chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to or above the Base (1-percent-annual-chance) Flood Elevation.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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**LETTER OF MAP REVISION  
DETERMINATION DOCUMENT (CONTINUED)**

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

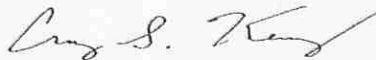
Ms. Sally M. Ziolkowski  
Director, Mitigation Division  
Federal Emergency Management Agency, Region IX  
1111 Broadway Street, Suite 1200  
Oakland, CA 94607-4052  
(510) 627-7175

**STATUS OF THE COMMUNITY NFIP MAPS**

We are processing a revised FIRM and FIS report for Yavapai County in our countywide format; therefore, we will not physically revise and republish the FIRM and FIS report for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which present information from the effective FIRMs and FIS reports for your community and incorporated communities in Yavapai County, were submitted to your community for review on December 7, 2007. We will incorporate the modifications made by this LOMR into the countywide FIRM and FIS report before they become effective.

Although the project area is shown on the above-referenced FIRM panel as within the unincorporated areas of Yavapai County, the Town of Prescott Valley has annexed portions of this area. We have not reflected these corporate limits changes in this LOMR.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

  
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# LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

## PUBLIC NOTIFICATION OF REVISION

### PUBLIC NOTIFICATION

FLOODING SOURCE	LOCATION OF REFERENCED ELEVATION	BFE (FEET NGVD 29)		MAP PANEL NUMBER(S)
		EFFECTIVE	REVISED	
Lynx Creek	Approximately 3,700 feet downstream of Arizona State Highway 69	None	4,662	04025C2110 F
	Approximately 800 feet upstream of Arizona State Highway 69	None	4,710	04025C2110 F

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. This revision is effective as of the date of this letter. However, until the 90-day period has elapsed, the revised BFEs presented in this LOMR may be changed

A notice of changes will be published in the *Federal Register*. A short notice also will be published in your local newspaper on or about the dates listed below. Please refer to FEMA's website at [https://www.floodmaps.fema.gov/fhm/Scripts/bfe\\_main.asp](https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp) for a more detailed description of proposed BFE changes, which will be posted approximately within a week of the date of this letter.

## LOCAL NEWSPAPER

Name: *Prescott Daily Courier*

Dates: 05/22/2008 05/29/2008

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMR Depot, 3601 Eisenhower Avenue, Alexandria, VA 22304. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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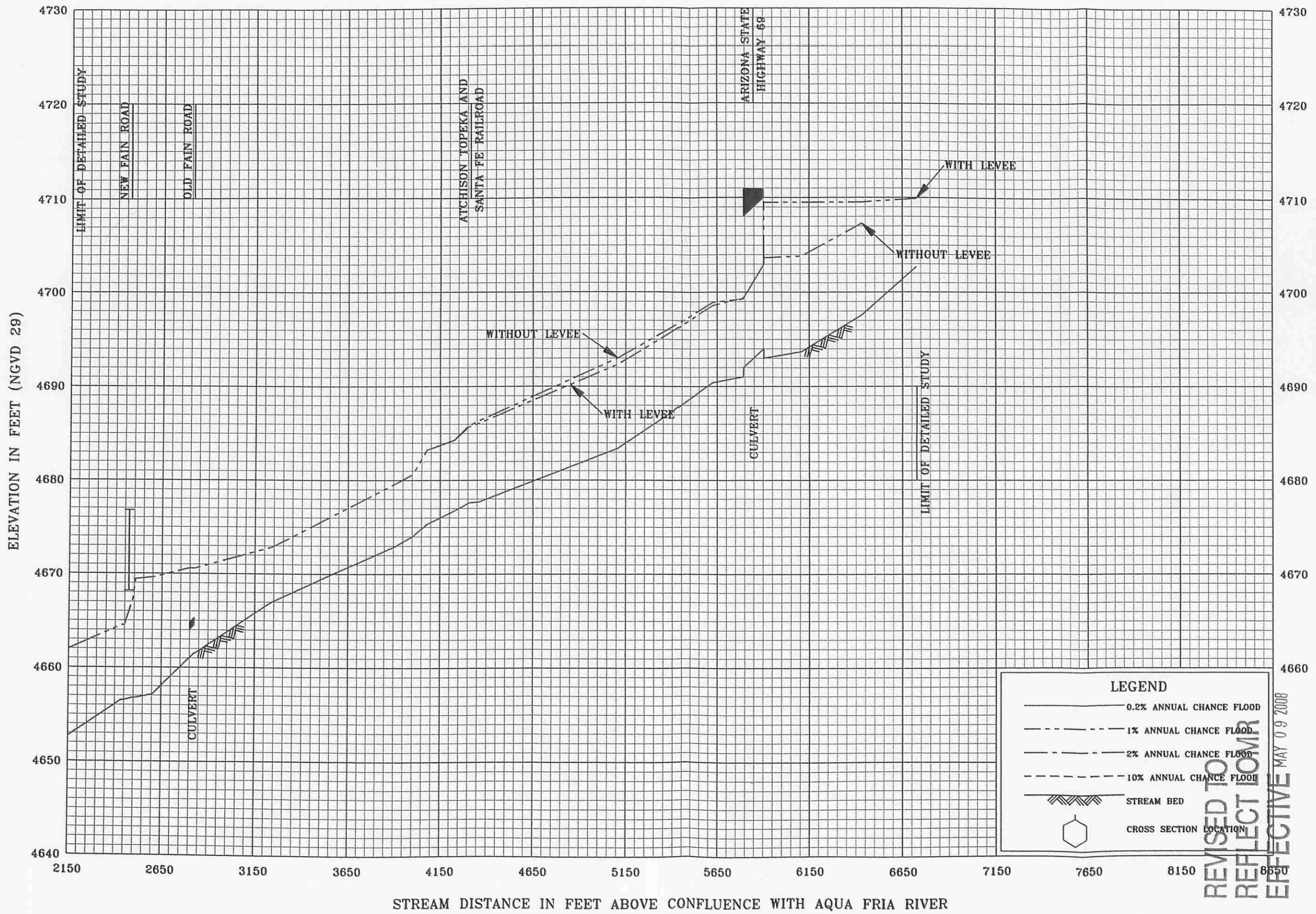
Table 7. Summary of Discharges (Cont'd)

<u>Flooding Source and Location</u>	<u>Drainage Area (Square Miles)</u>	<u>Peak Discharges (Cubic Feet per Second)</u>			
		<u>10-Year</u>	<u>50-Year</u>	<u>100-Year</u>	<u>500-Year</u>
Jack Canyon Near State Route 179	17.00	2,720	7,640	8,350	10,500
J. W. Draw Above confluence with Green Wash At upper limit of detailed study	2.32 0.67	-- <sup>1</sup> -- <sup>1</sup>	-- <sup>1</sup> -- <sup>1</sup>	1,609 -- <sup>1</sup>	-- <sup>1</sup> 750
Lucky Canyon Wash Above confluence with Verde River	2.38	-- <sup>1</sup>	-- <sup>1</sup>	3,170	-- <sup>1</sup>
Lynx Creek At Fain Road	40.87	-- <sup>1</sup>	-- <sup>1</sup>	11,392	-- <sup>1</sup>
Approximately 12,300 feet downstream of Lynx Creek Road	33.00	3,400	7,000	9,300	18,500
Martinez Wash At confluence with Hassayampa River Above confluence with Antelope Creek	103.00 27.00	9,200 2,260	27,400 7,740	32,000 9,150	45,000 13,000
Manzanita Creek	2.41	550	1,700	2,700	7,000
Miller Creek At U.S. Route 89	20.00	-- <sup>1</sup>	-- <sup>1</sup>	1,520 <sup>2</sup>	-- <sup>1</sup>
Approximately 900 feet upstream of U.S. Route 89 At upstream limit of detailed study	20.00 7.40	3,635 -- <sup>1</sup>	8,990 -- <sup>1</sup>	10,610 3,200	14,600 -- <sup>1</sup>
Manzanita Creek (At City of Prescott)	6.02	820	2,600	4,100	10,080
Model Creek Above U.S. Route 89 Above confluence with South Rocky Boy Wash	13.00 7.00	4,745 1,510	4,050 1,440	4,050 1,440	23,500 6,900

REVISED TO  
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<sup>1</sup>Data not available    <sup>2</sup>9,090 cubic feet per second of flow is lost to West Fork Miller Creek








FLOOD PROFILES

LYNX CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
YAVAPAI COUNTY, AZ  
AND INCORPORATED AREAS

400P

**Legend**

-  1% annual chance  
(100-Year) Floodplain
-  1% annual chance  
(100-Year) Floodway
-  0.2% annual chance  
(500-Year) Floodplain

APPROXIMATE SCALE IN FEET

1,000 0 1,000

NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

YAVAPAI COUNTY,  
ARIZONA  
AND INCORPORATED AREAS

**PANEL 2110 OF 3925**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY NUMBER PANEL SUFFIX

PRESOTT VALLEY, TOWN OF 040721 F  
YAVAPAI COUNTY, UNINCORPORATED AREAS 040093 2110 F

MAP NUMBER  
04025C2110 F

EFFECTIVE DATE:  
JUNE 6, 2001

Federal Emergency Management Agency



**REVISED TO  
REFLECT LOMR  
EFFECTIVE MAY 09 2008**

JOINS PANEL 2150

34°33'45"  
112°15'00"

NOTE: MAP AREA SHOWN ON THIS PANEL  
IS LOCATED WITHIN TOWNSHIP 14 NORTH,  
RANGE 1 WEST AND TOWNSHIP 14 NORTH,  
RANGE 1 EAST.

20

21

22

ZONE A

ZONE X  
ZONE A

**YAVAPAI COUNTY  
UNINCORPORATED AREAS**

040093

Agua Fria  
River

ATCHISON TOPEKA AND SANTA FE

ZONE X

ROAD

FAIN  
ZONE A  
ZONE X

27

NEW FAIR  
ROAD

LIMIT OF  
DETAILED  
STUDY

**REVISED  
AREA**

LIMIT OF  
DETAILED  
STUDY

4707 4704 4699 4698

OLD

28

Levee

4687

4683

4684

4687

4690

4694

4698

4699

4709

4710

4709

4710

4709

4710

4709

4710

4709

4710

4709

Levee

4687

4683

4684

4687

4690

4694

4698

4699

4709

4710

4709

4710

4709

4710

4709

4710

4709

4710

4709

4710

4709

4710

Lynx Creek

Culvert

Culvert

Bridge

JOINS PANEL 2120

ZONE X

69

29



