

FLOOD INSURANCE STUDY



VOLUME 3 OF 3

KITTITAS COUNTY, WASHINGTON AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
CLE ELUM, CITY OF	530096
ELLENSBURG, CITY OF	530234
KITTITAS, CITY OF	530098
KITTITAS COUNTY, UNINCORPORATED AREAS	530095
ROSLYN, CITY OF	530299
SOUTH CLE ELUM, TOWN OF	530263



Kittitas County

EFFECTIVE DATE: SEPTEMBER 24, 2021



Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
53037CV003A

**NOTICE TO
FLOOD INSURANCE STUDY USERS**

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) report may not contain all data available within the Community Map Repository. Please contact the Community Map Repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS report at any time. In addition, FEMA may revise part of this FIS report by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS report. Therefore, users should consult with community officials and check the Community Map Repository to obtain the most current FIS report components.

Selected Flood Insurance Rate Map (FIRM) panels for this community contain information that was previously shown separately on the corresponding Flood Boundary and Floodway Map (FBFM) panels (e.g., floodways, cross sections). In addition, former flood hazard zone designations have been changed as follows:

<u>Old Zone(s)</u>	<u>New Zone</u>
A1 through A30	AE
B	X
C	X

Initial Countywide FIS Effective Date: September 24, 2021

TABLE OF CONTENTS – Volume 1 – September 24, 2021

1.0	INTRODUCTION	1
1.1	Purpose of Study.....	1
1.2	Authority and Acknowledgments	1
1.3	Coordination	2
2.0	AREA STUDIED	3
2.1	Scope of Study	3
2.2	Community Description.....	5
2.3	Principal Flood Problems.....	6
2.4	Flood Protection Measures	7
3.0	ENGINEERING METHODS	8
3.1	Hydrologic Analyses.....	8
3.2	Hydraulic Analyses.....	16
3.3	Vertical Datum.....	18
4.0	FLOODPLAIN MANAGEMENT APPLICATIONS.....	20
4.1	Floodplain Boundaries	20
4.2	Floodways.....	21
5.0	INSURANCE APPLICATIONS.....	89
6.0	FLOOD INSURANCE RATE MAP	90
7.0	OTHER STUDIES.....	92
8.0	LOCATION OF DATA.....	92
9.0	BIBLIOGRAPHY AND REFERENCES	92

TABLE OF CONTENTS – *Continued* – Volume 1 – September 24, 2021

FIGURES

Figure 1 – Floodway Schematic 23

TABLES

Table 1 – Initial and Final CCO Meetings..... 2
Table 2 – Areas Studied by Detailed Methods 3
Table 3 – Summary of Discharges..... 9
Table 4 – Vertical Datum Conversion Values 19
Table 5 – Floodway Data Table..... 24
Table 6 – Community Map History 91

EXHIBITS – Volume 2 – September 24, 2021

Exhibit 1 – Flood Profiles

Caribou Creek	Panels 01P-03P
Cle Elum River	Panels 04P-13P
Crystal Creek	Panels 14P-17P
Currier Creek	Panels 18P-24P
Currier Creek Split	Panels 25P-26P
Kachess River	Panels 27P-28P
Left Channel Naneum Creek	Panels 29P-31P
Manastash Creek	Panels 32P-55P
Mercer Creek	Panels 56P-57P
Middle Fork Teanaway River	Panels 58P-71P
Naneum Creek	Panels 72P-73P
North Fork Teanaway River	Panels 74P-90P
Reecer Creek	Panels 91P-92P
Right Channel Wilson Creek	Panels 93P-95P

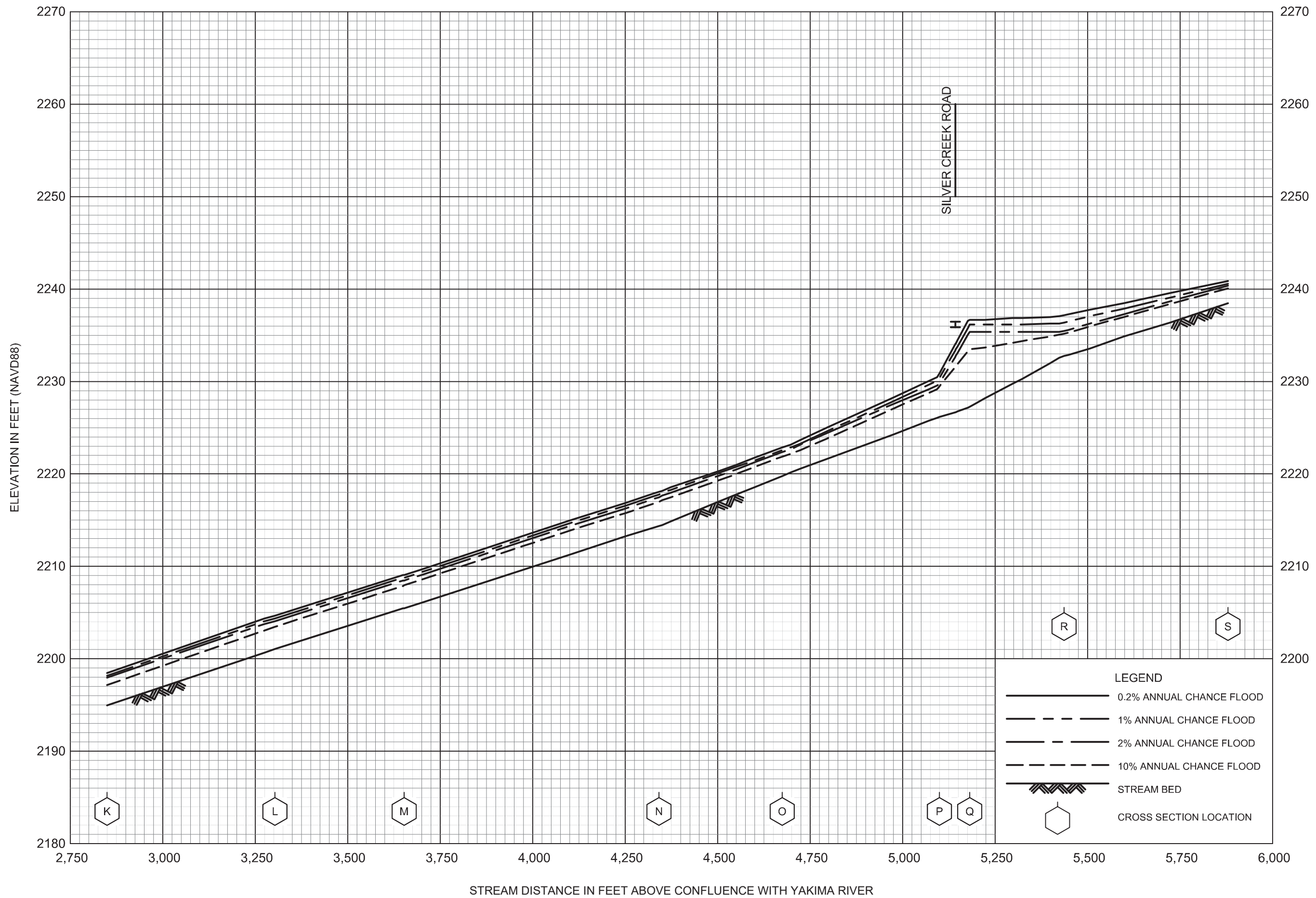
TABLE OF CONTENTS – *Continued*

EXHIBITS – *Continued* – Volume 3 – September 24, 2021

Exhibit 1 – Flood Profiles

Silver Creek	Panels 96P-98P
Teanaway River	Panels 99P-116P
West Fork Teanaway River	Panels 117P-132P
Whiskey Creek	Panels 133P-134P
Wilson Creek	Panels 135P-143P
Yakima River	Panels 144P-188P

Exhibit 2 – Flood Insurance Rate Map Index
Flood Insurance Rate Map

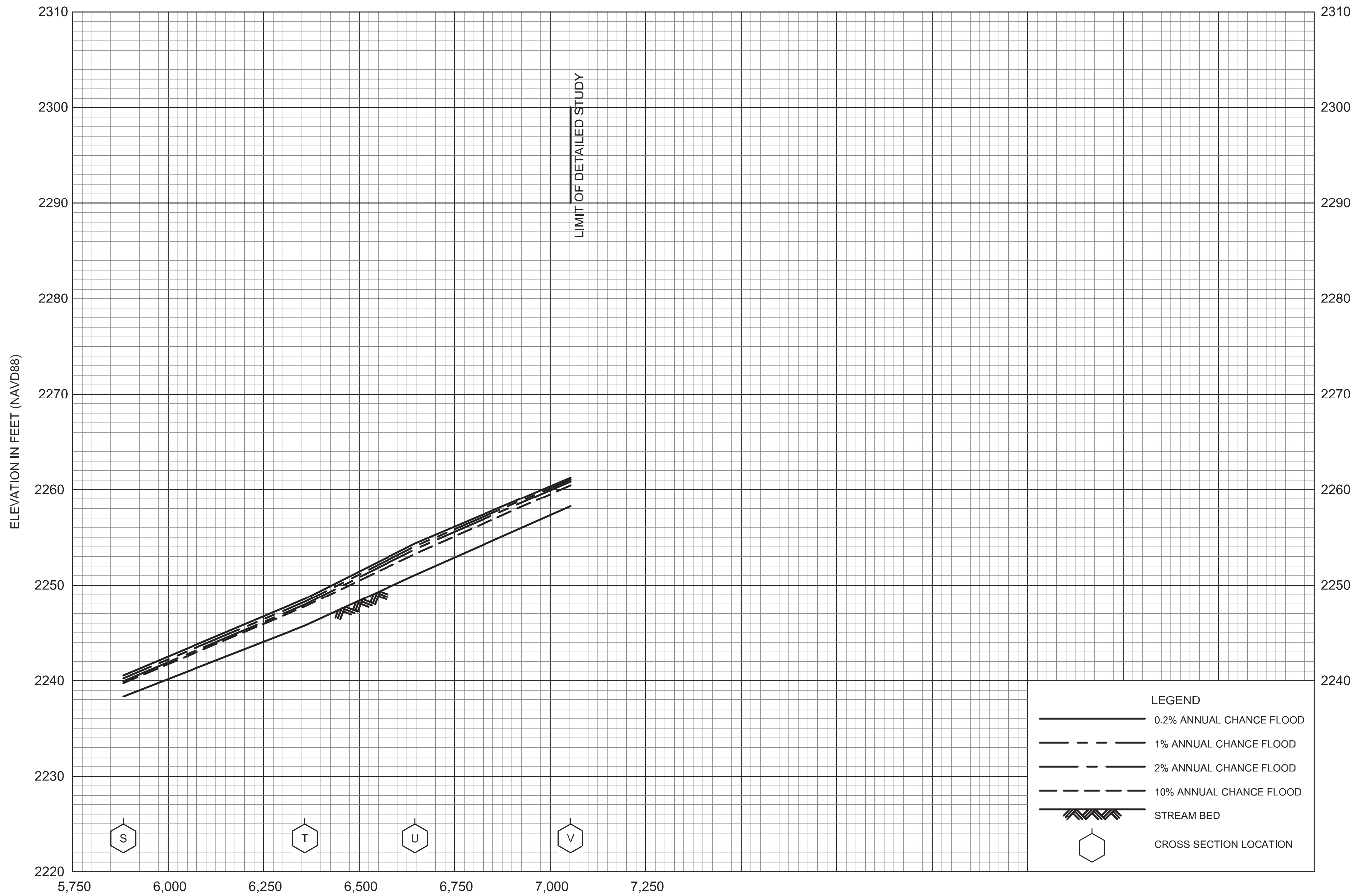


FLOOD PROFILES

SILVER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



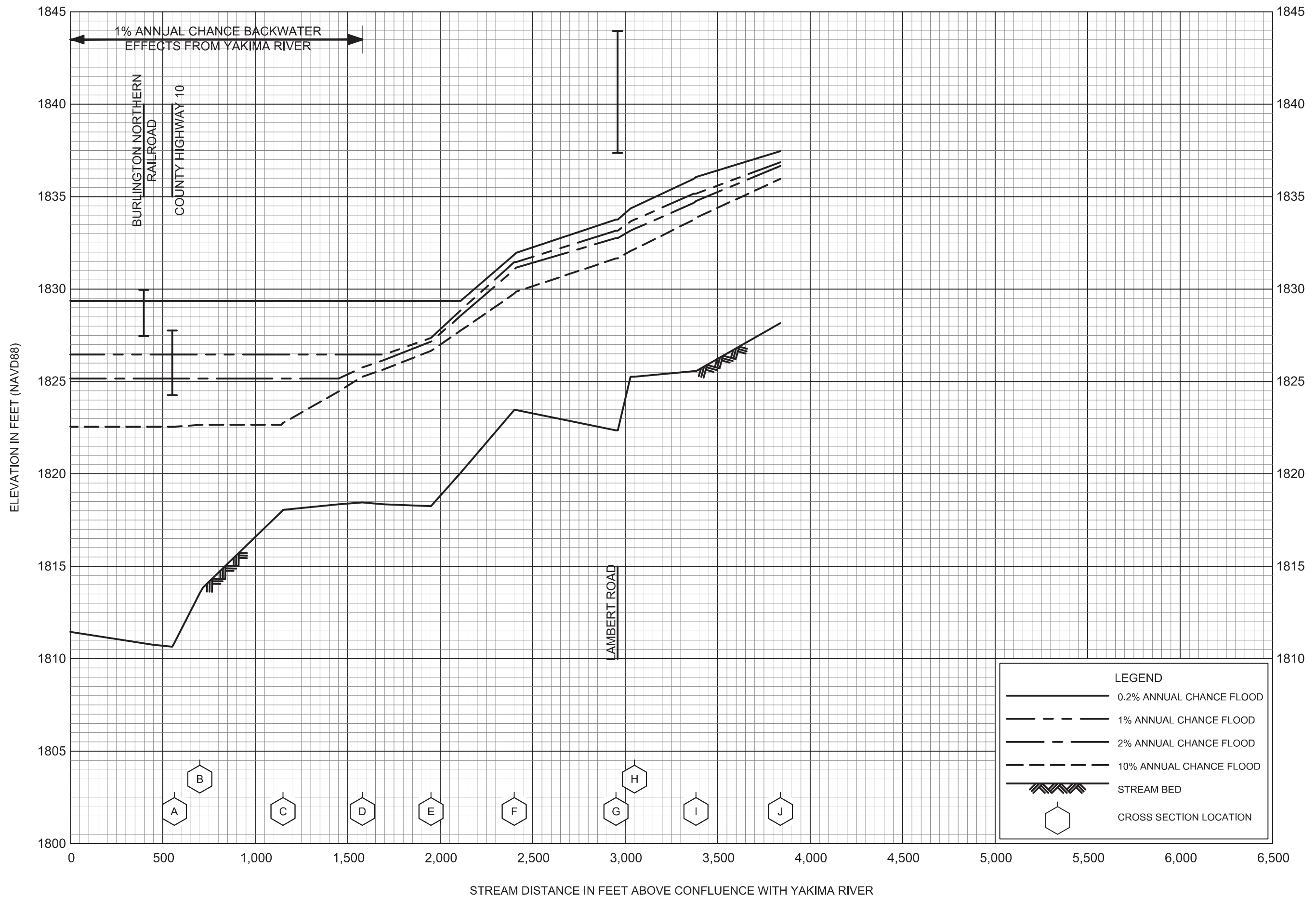
FLOOD PROFILES

SILVER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

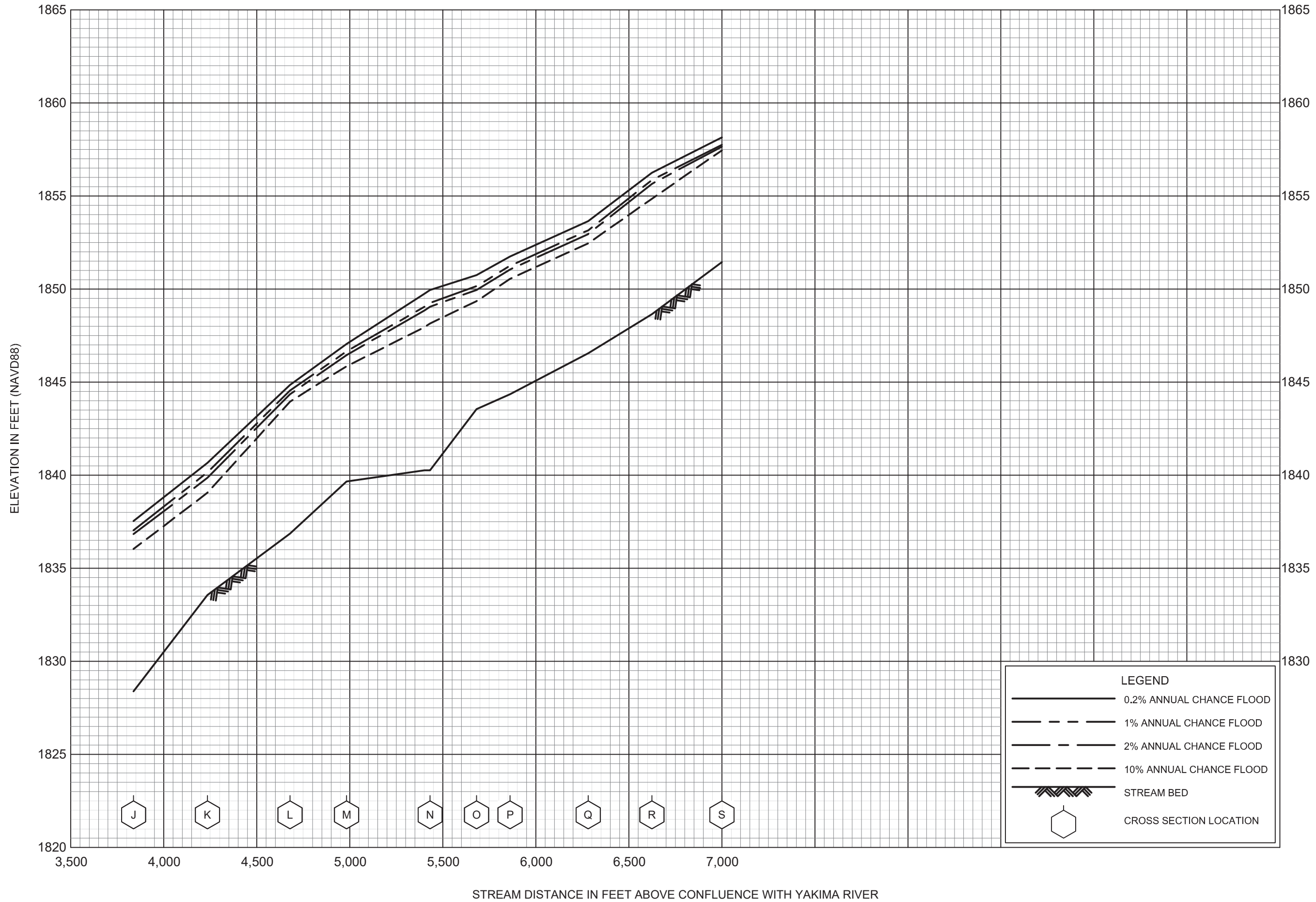
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH YAKIMA RIVER



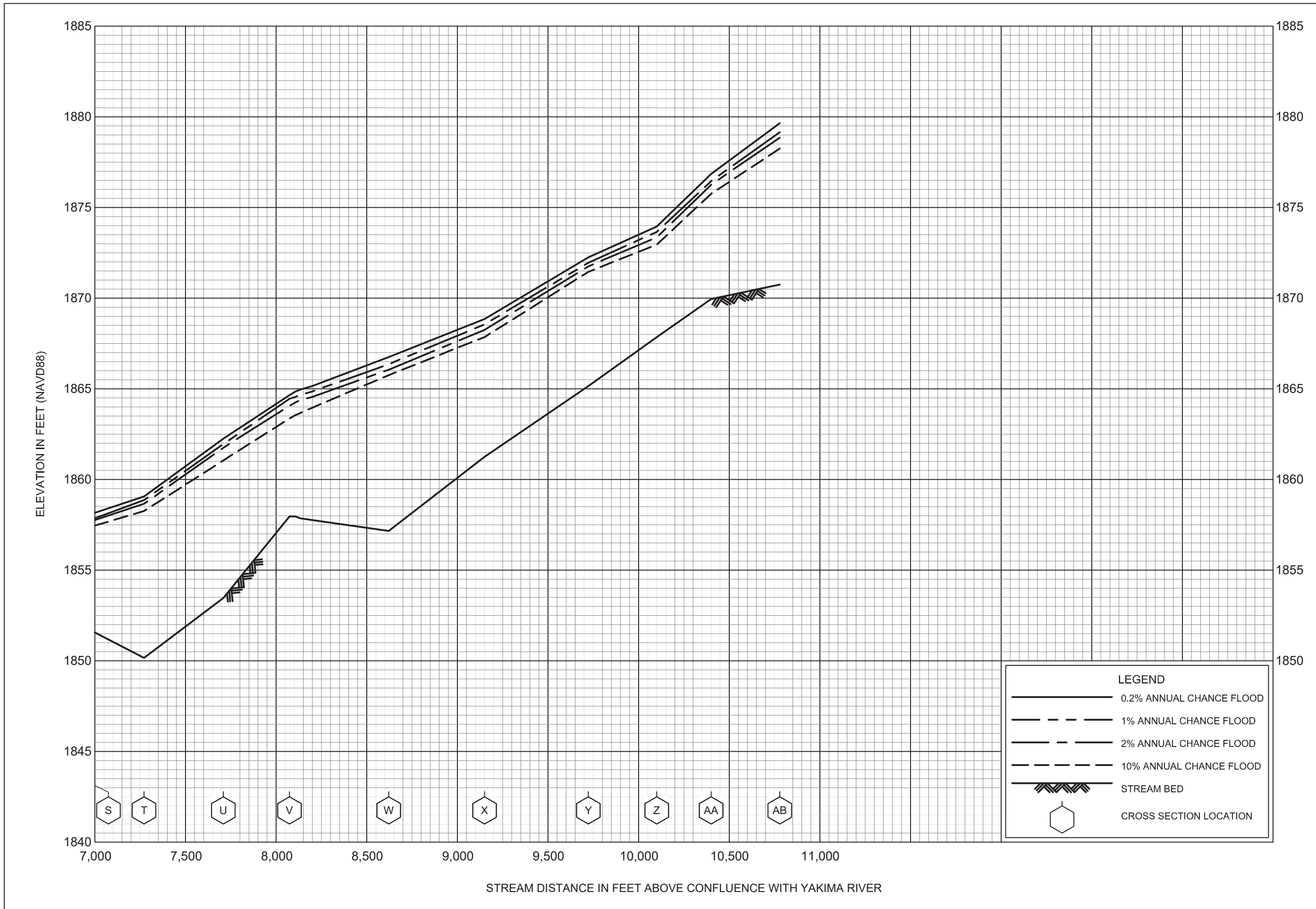
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

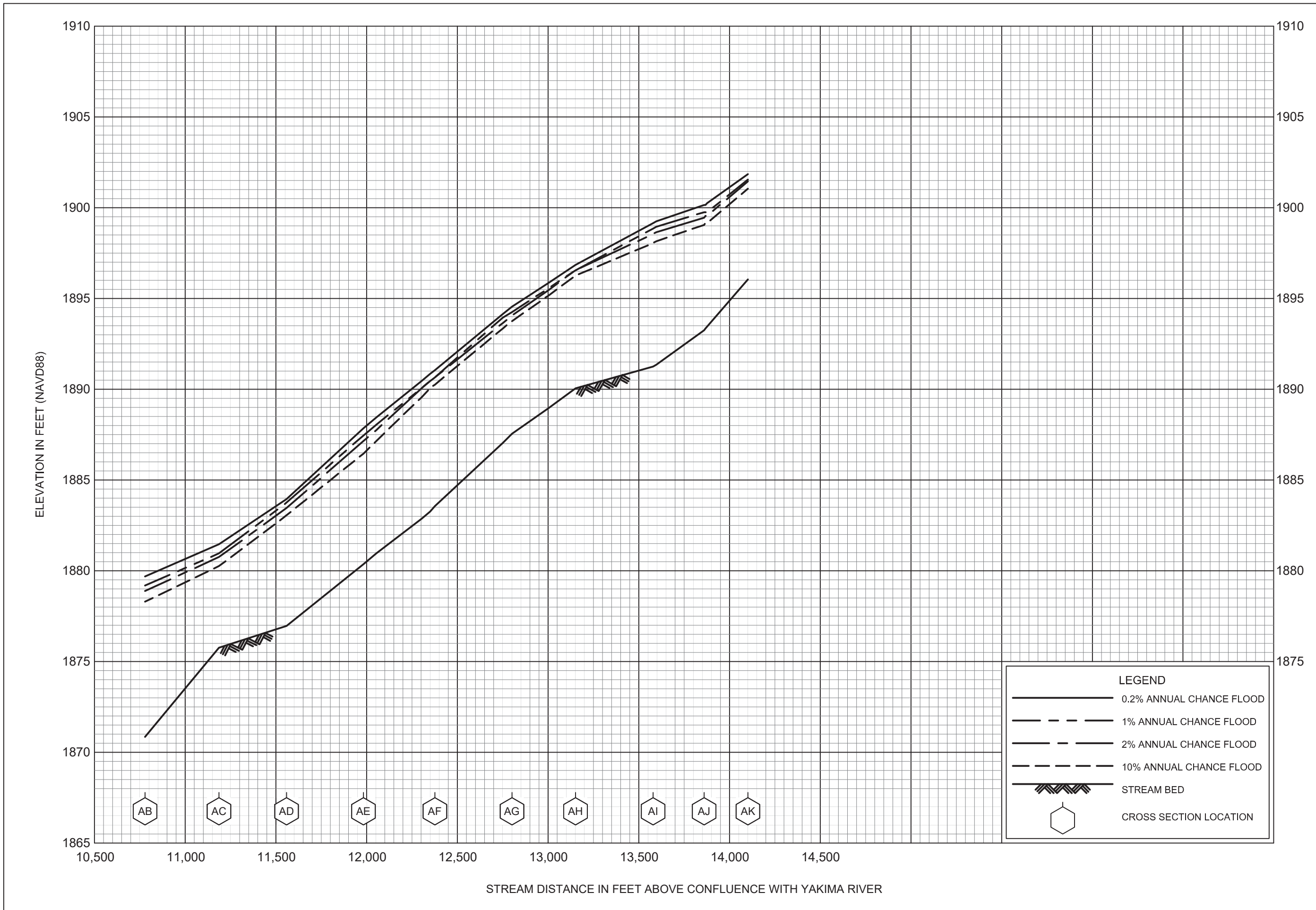


FLOOD PROFILES

TEANAWAY RIVER

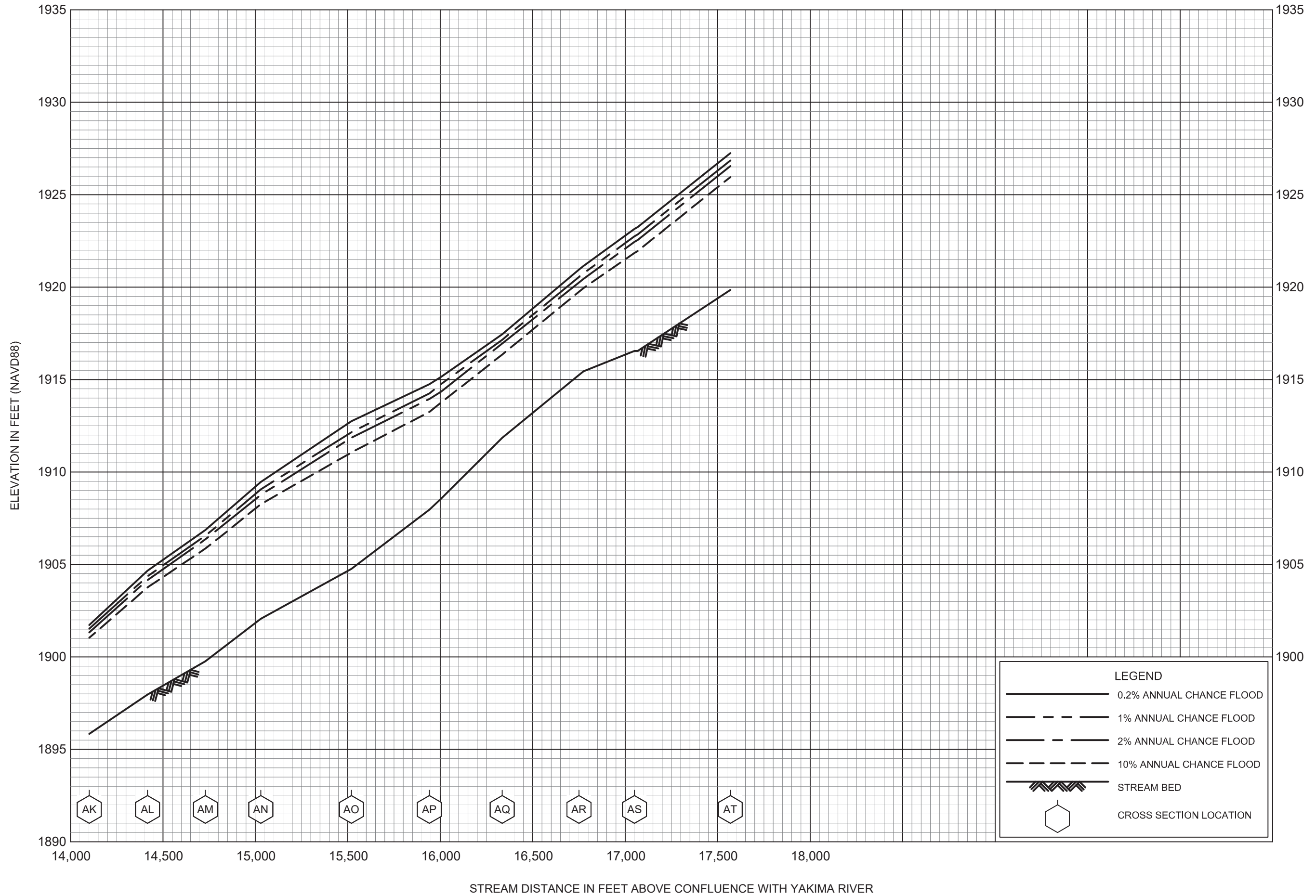
FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



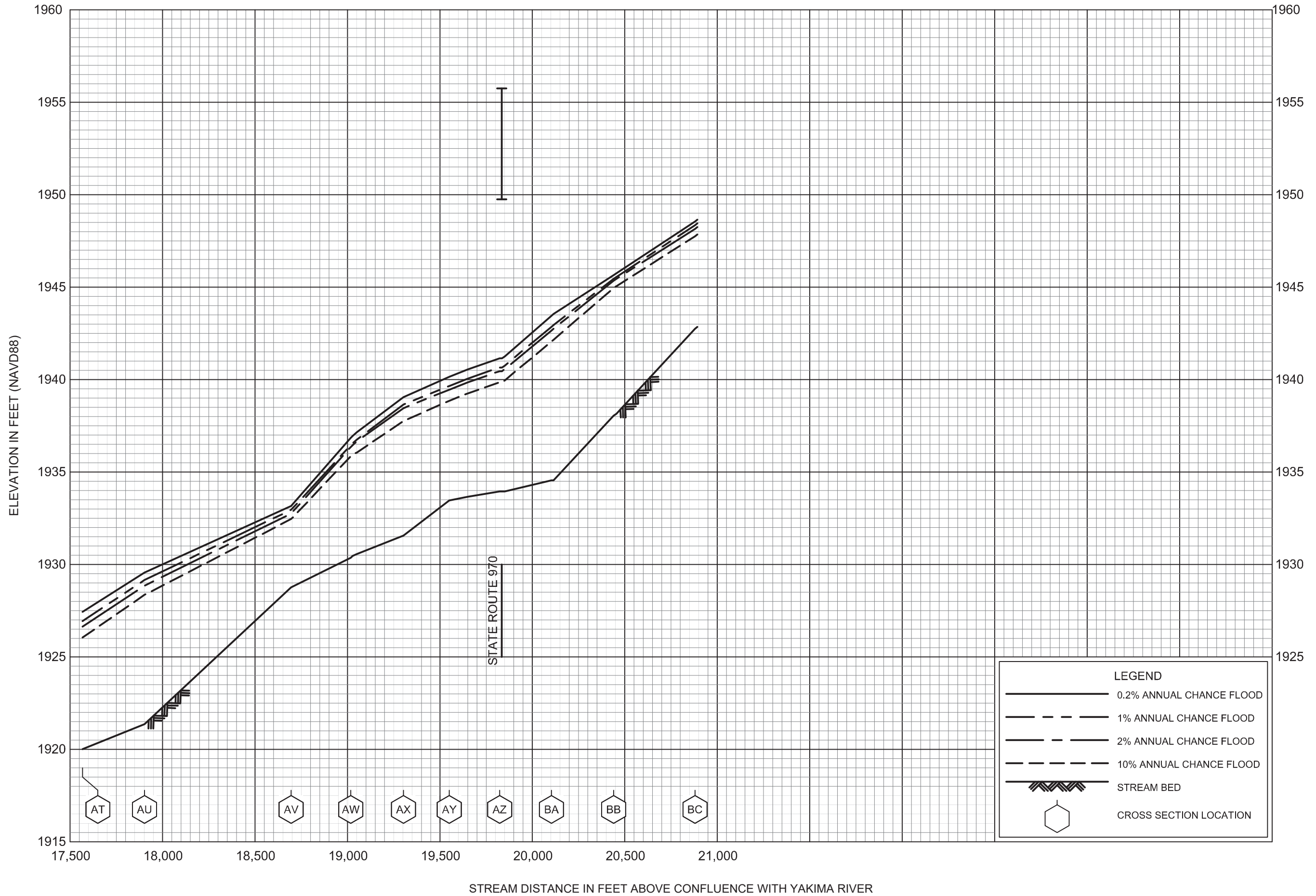
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



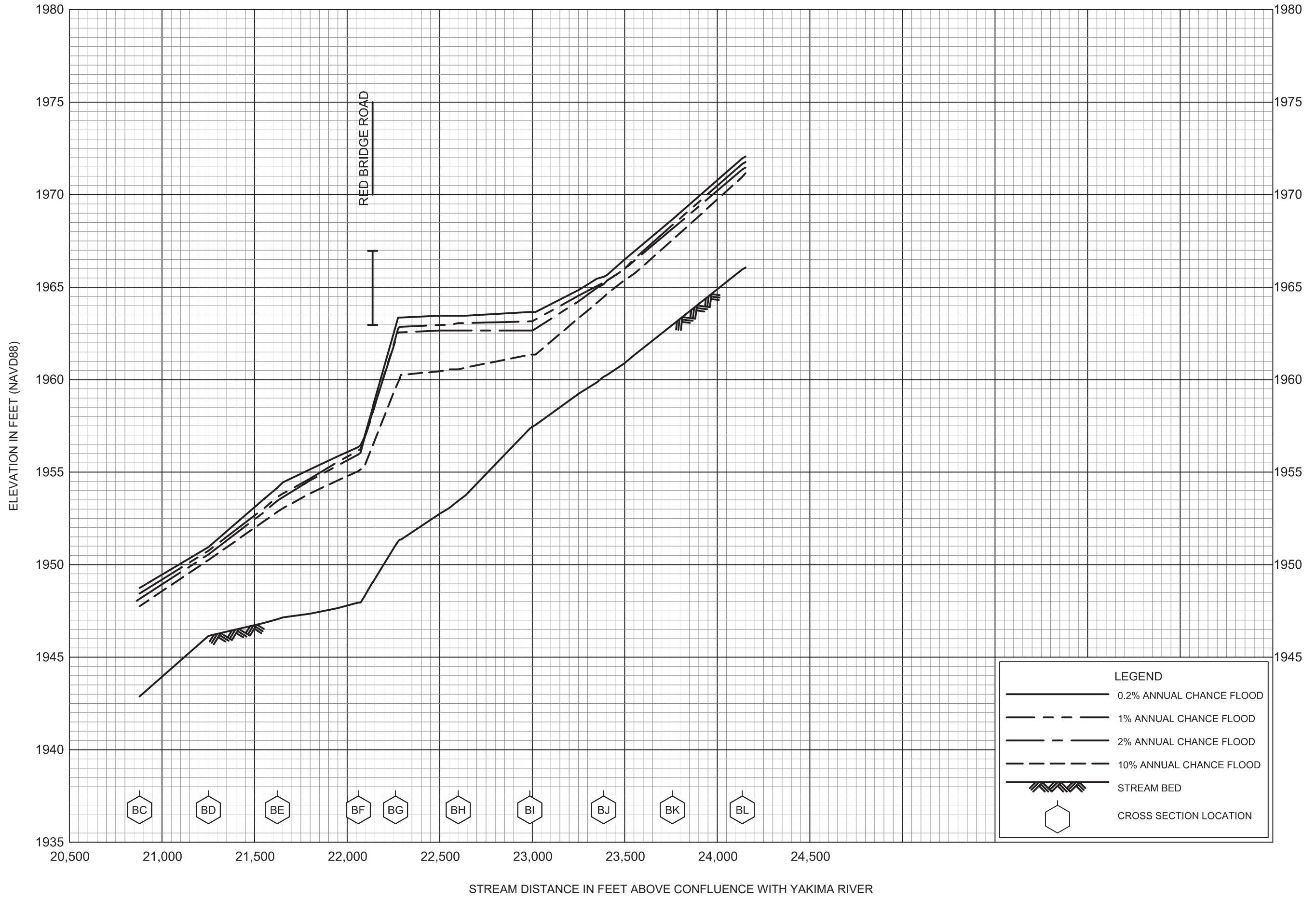
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



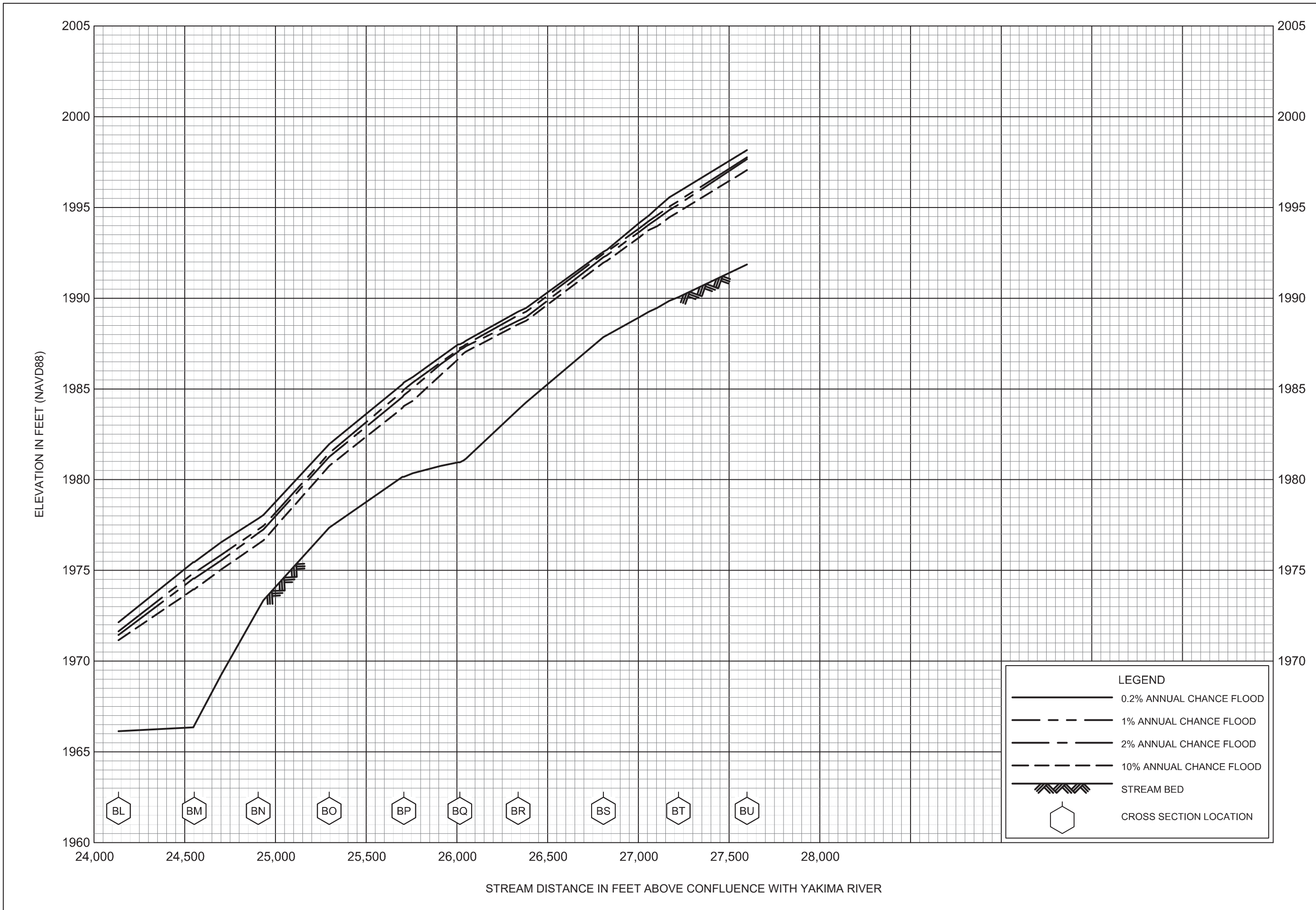
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



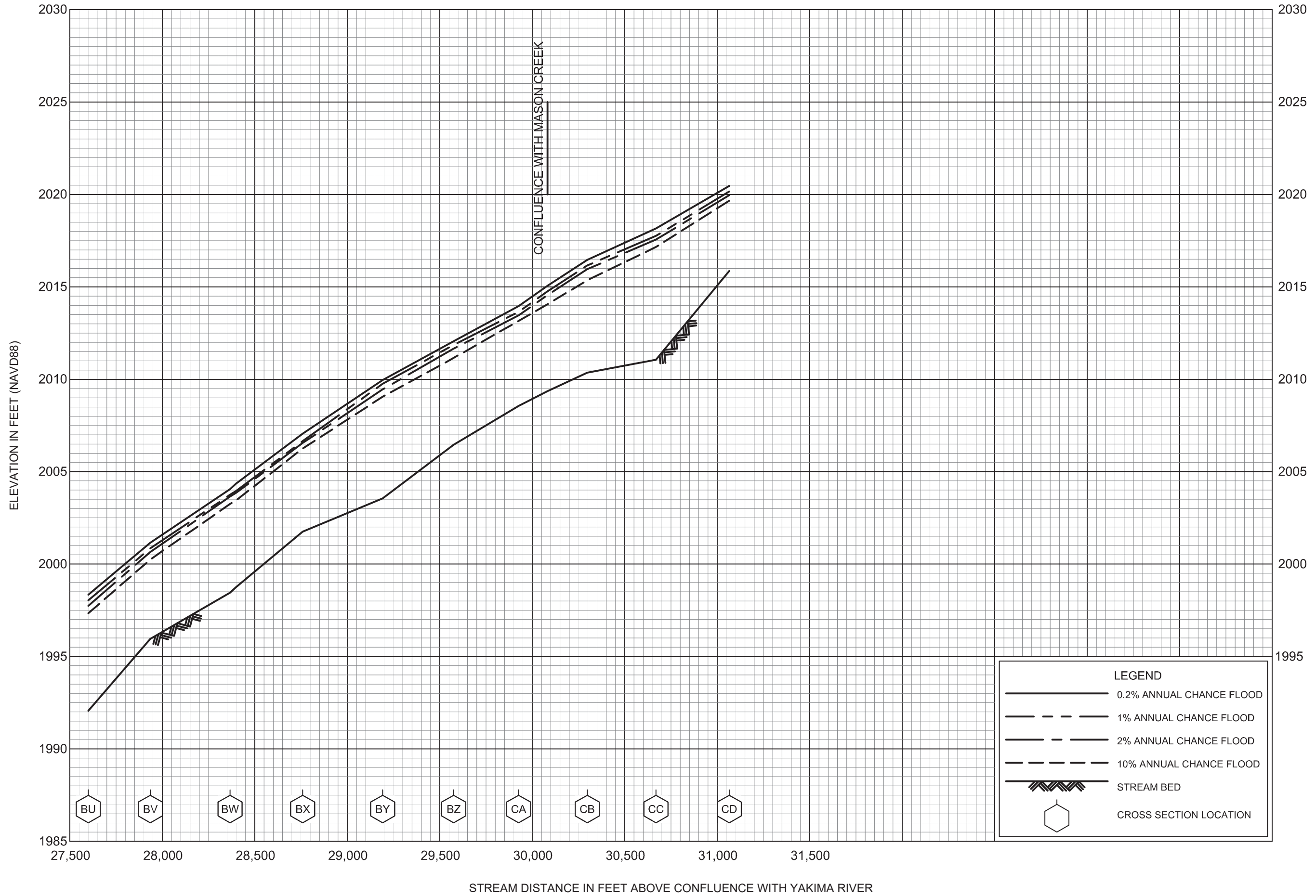
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

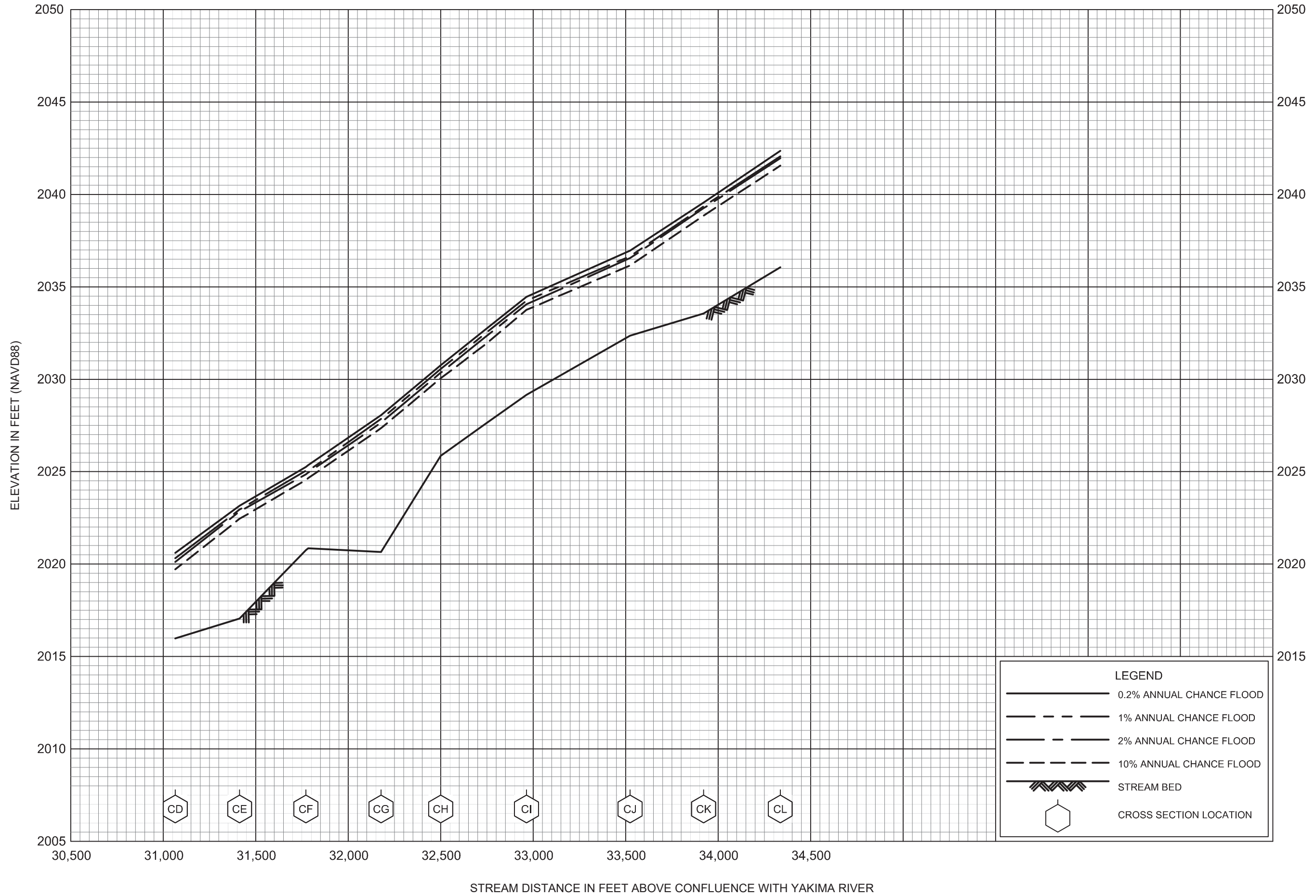


FLOOD PROFILES

TEANAWAY RIVER

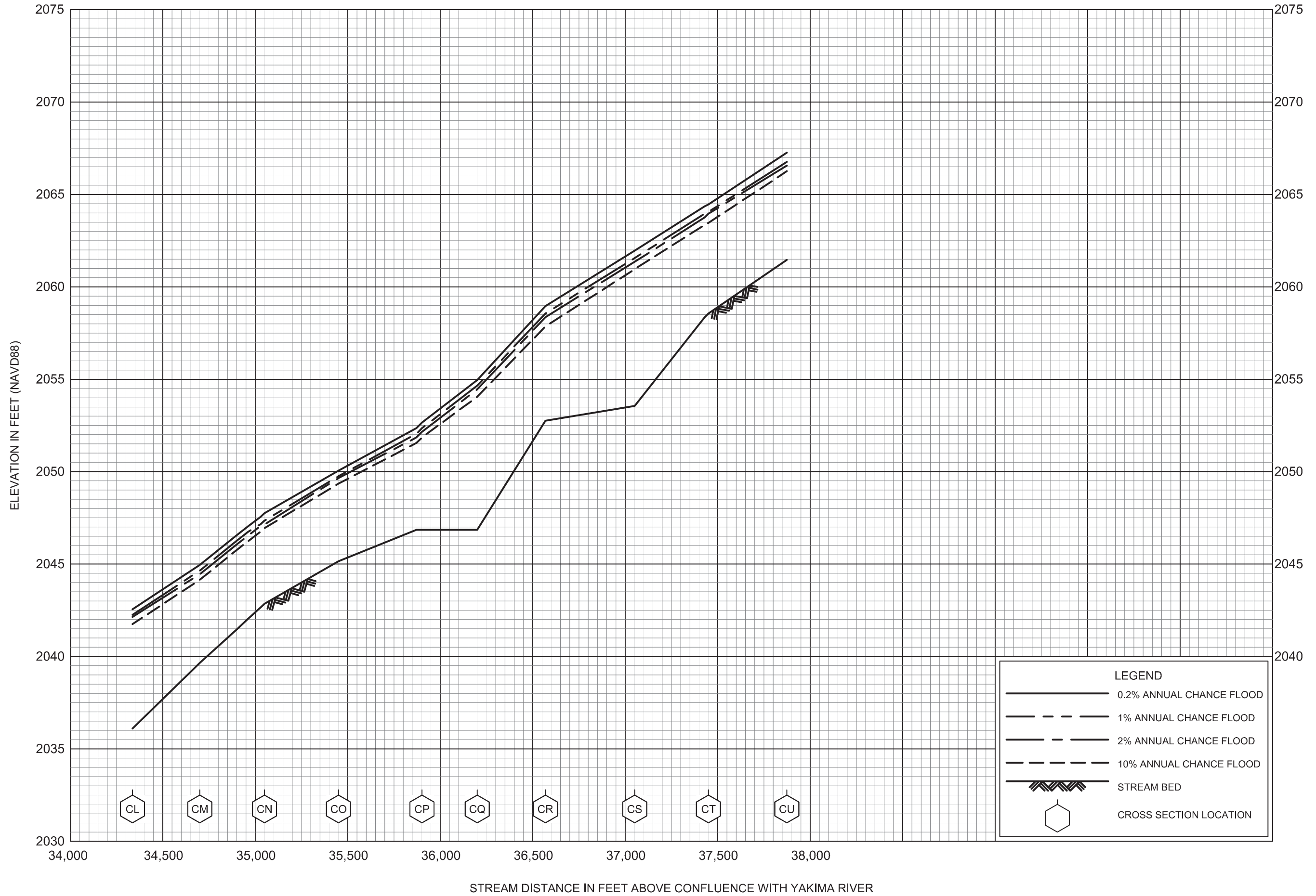
FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



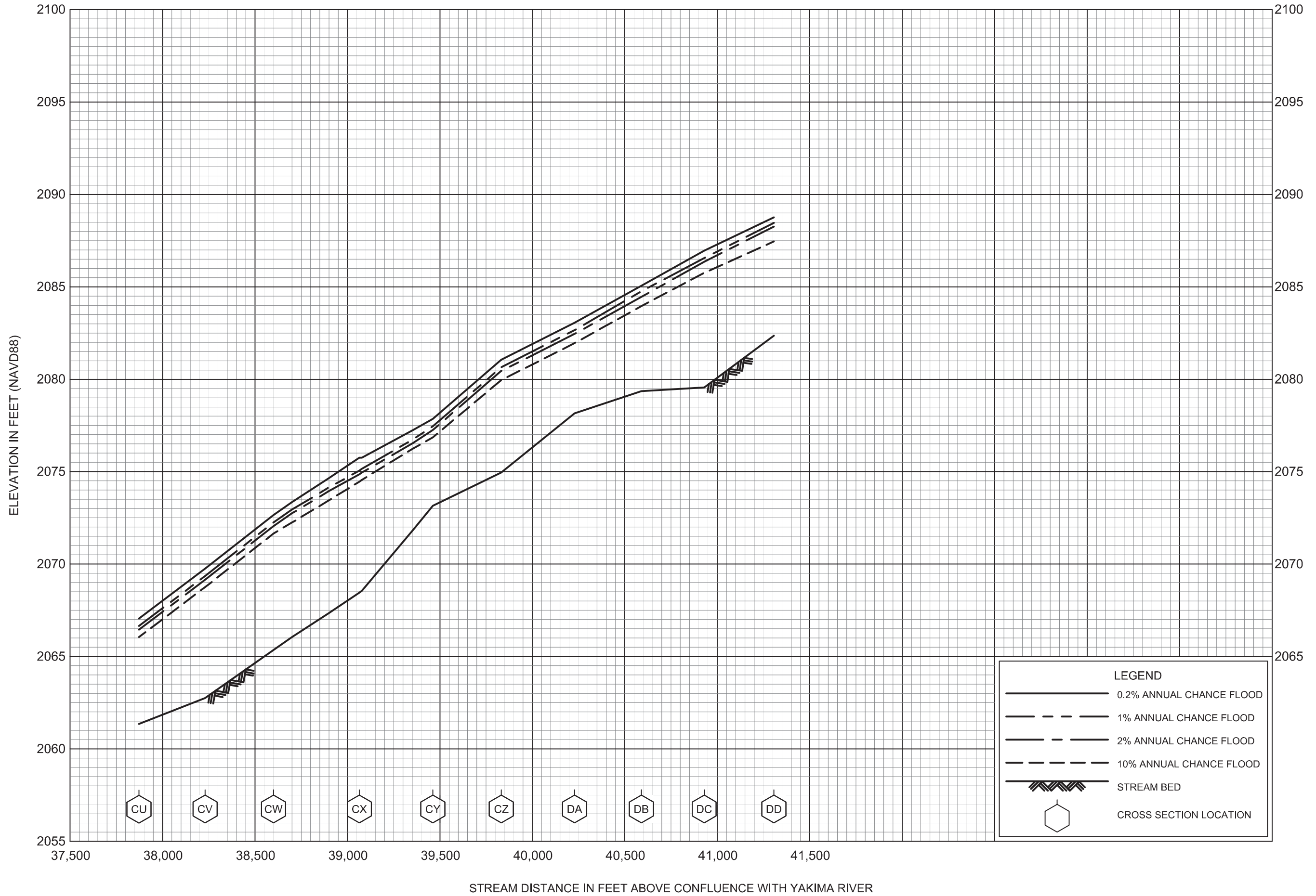
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

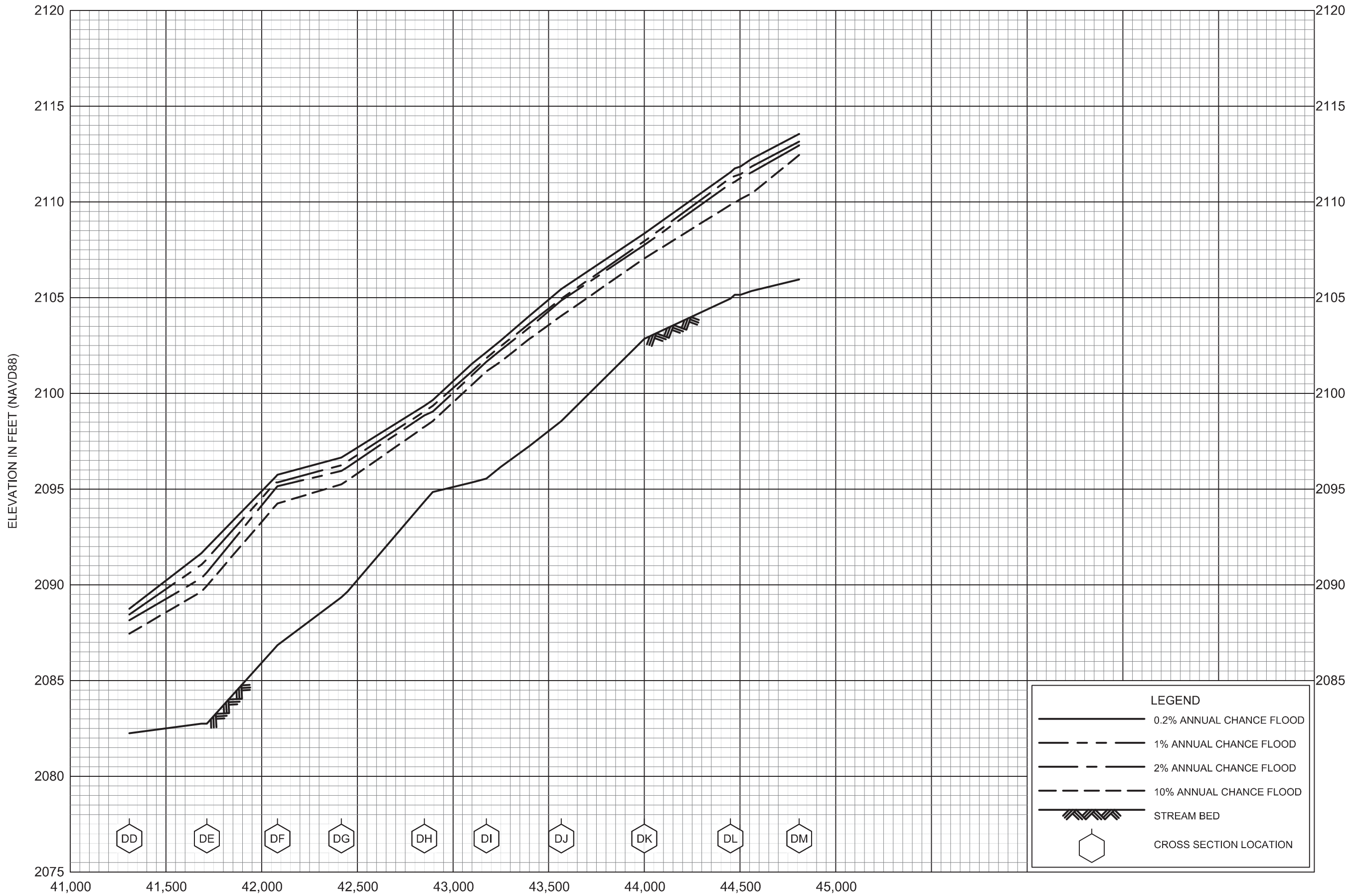


FLOOD PROFILES






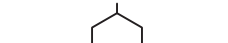
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

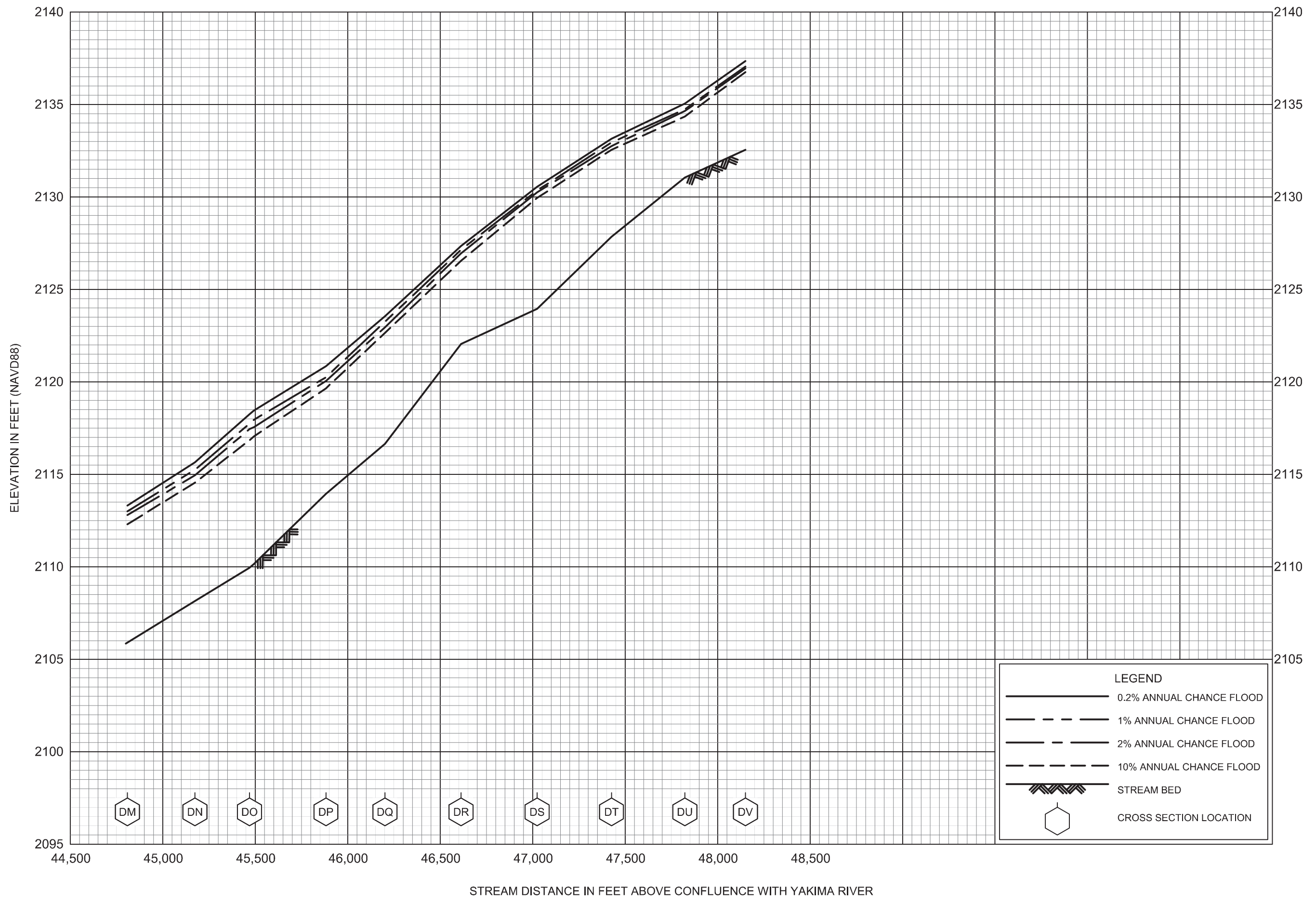


LEGEND

-  0.2% ANNUAL CHANCE FLOOD
-  1% ANNUAL CHANCE FLOOD
-  2% ANNUAL CHANCE FLOOD
-  10% ANNUAL CHANCE FLOOD
-  STREAM BED
-  CROSS SECTION LOCATION

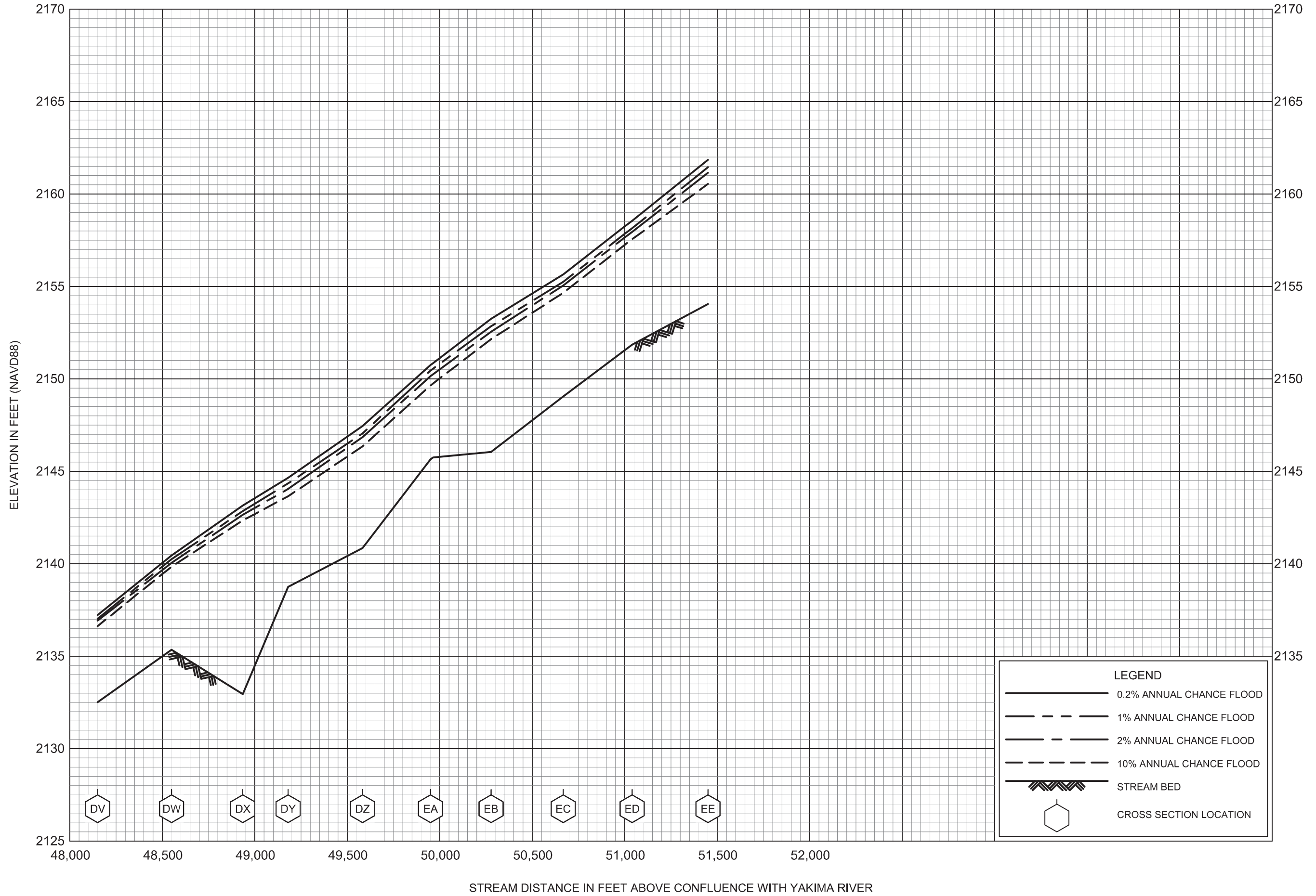
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



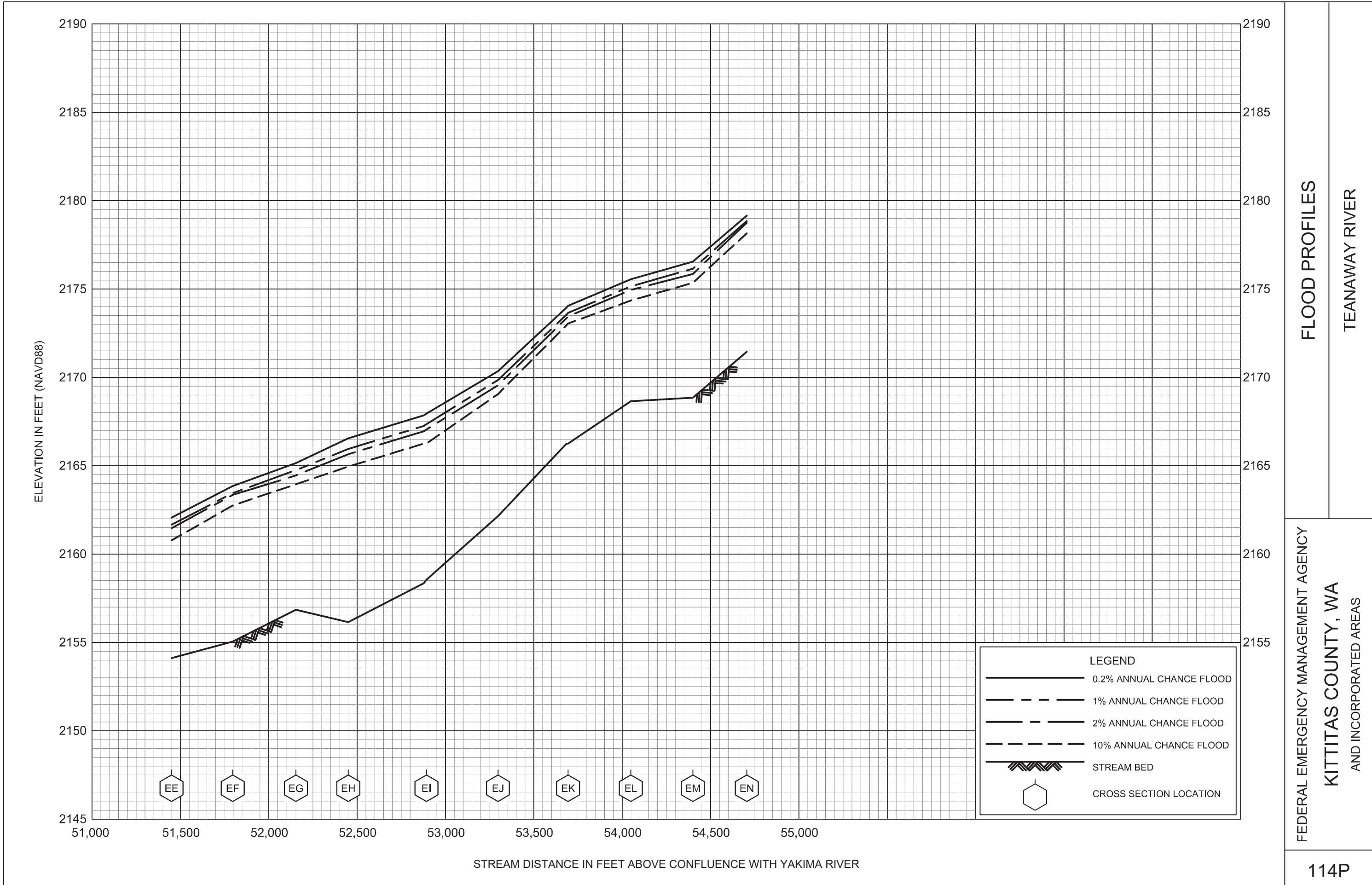
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



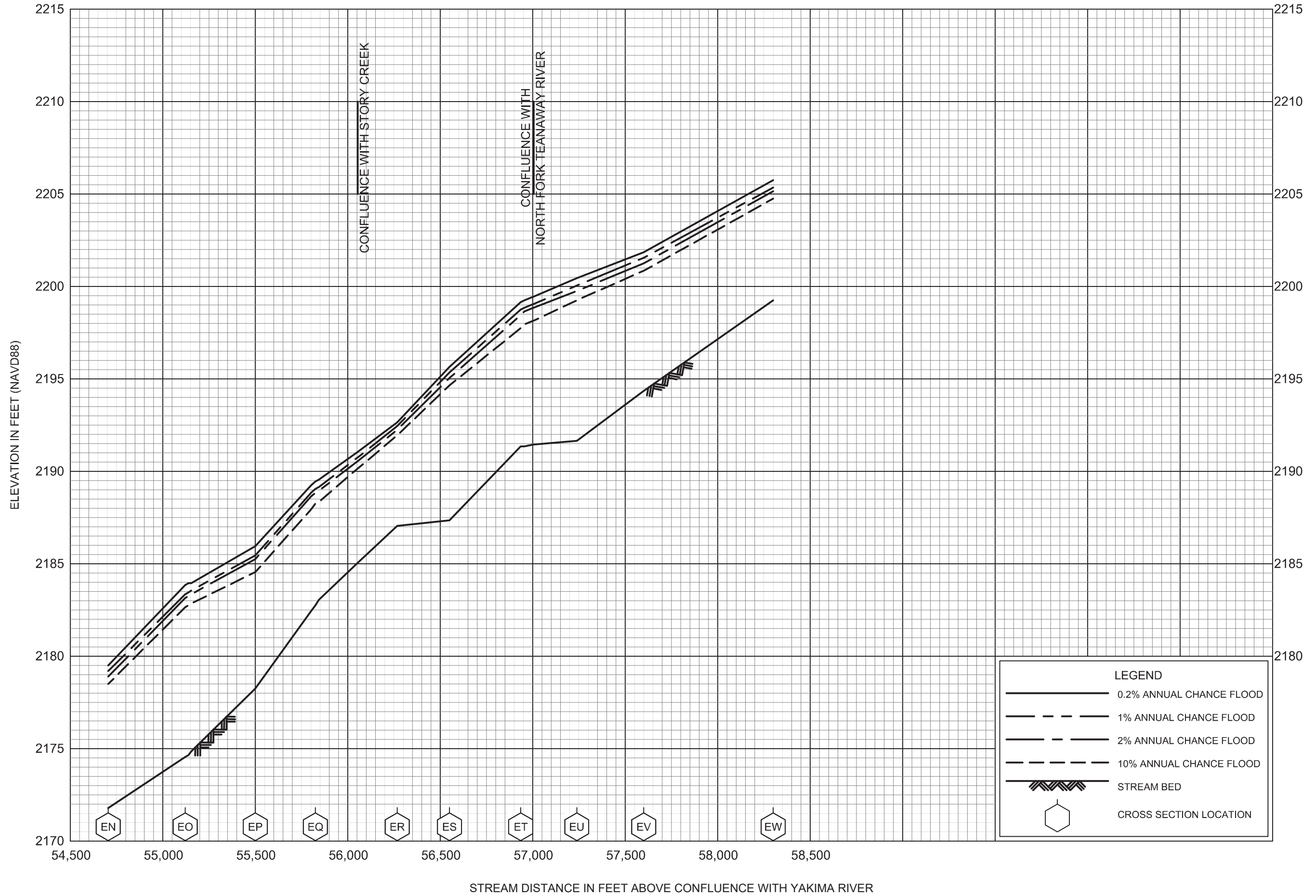
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

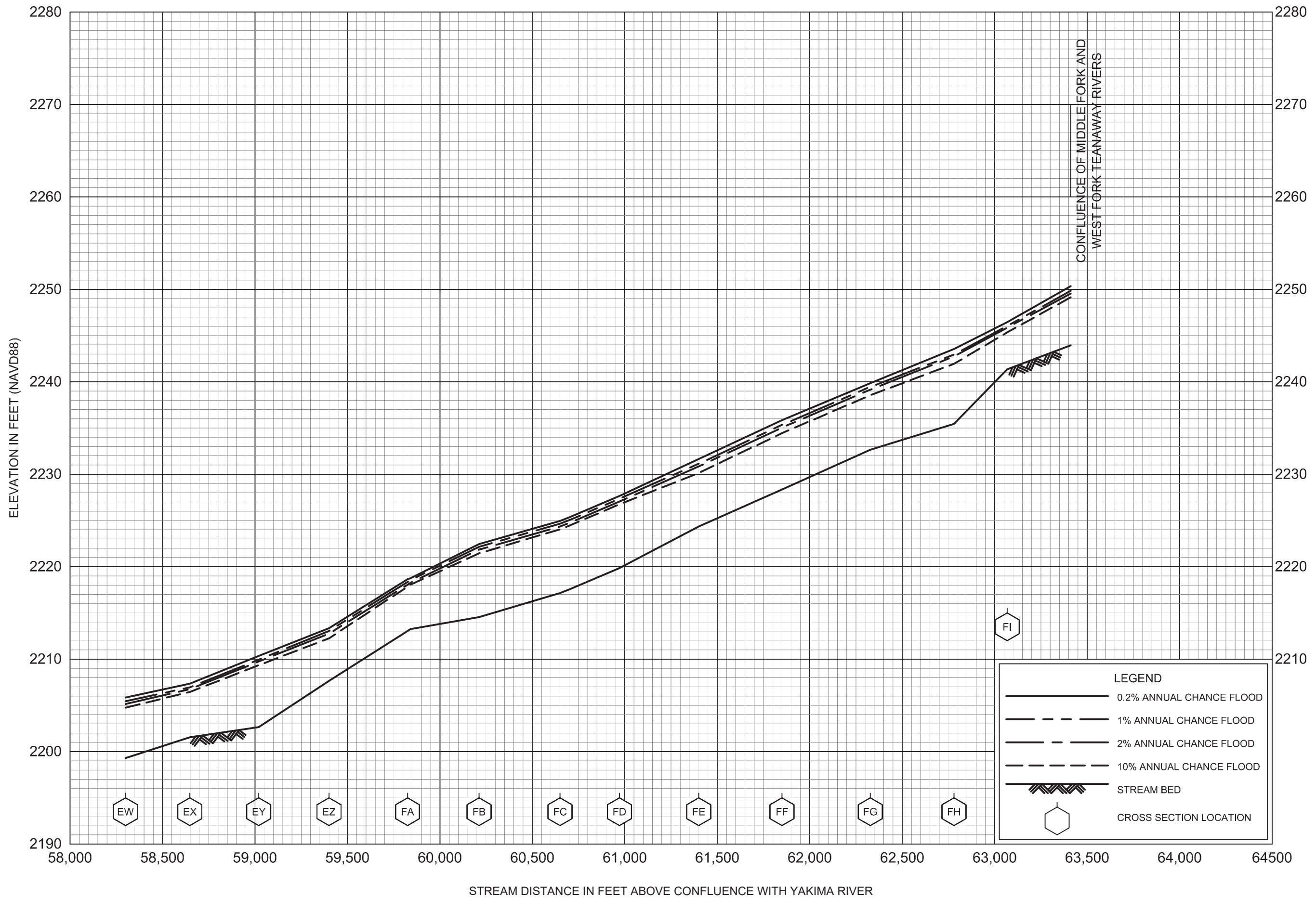


FLOOD PROFILES

TEANAWAY RIVER

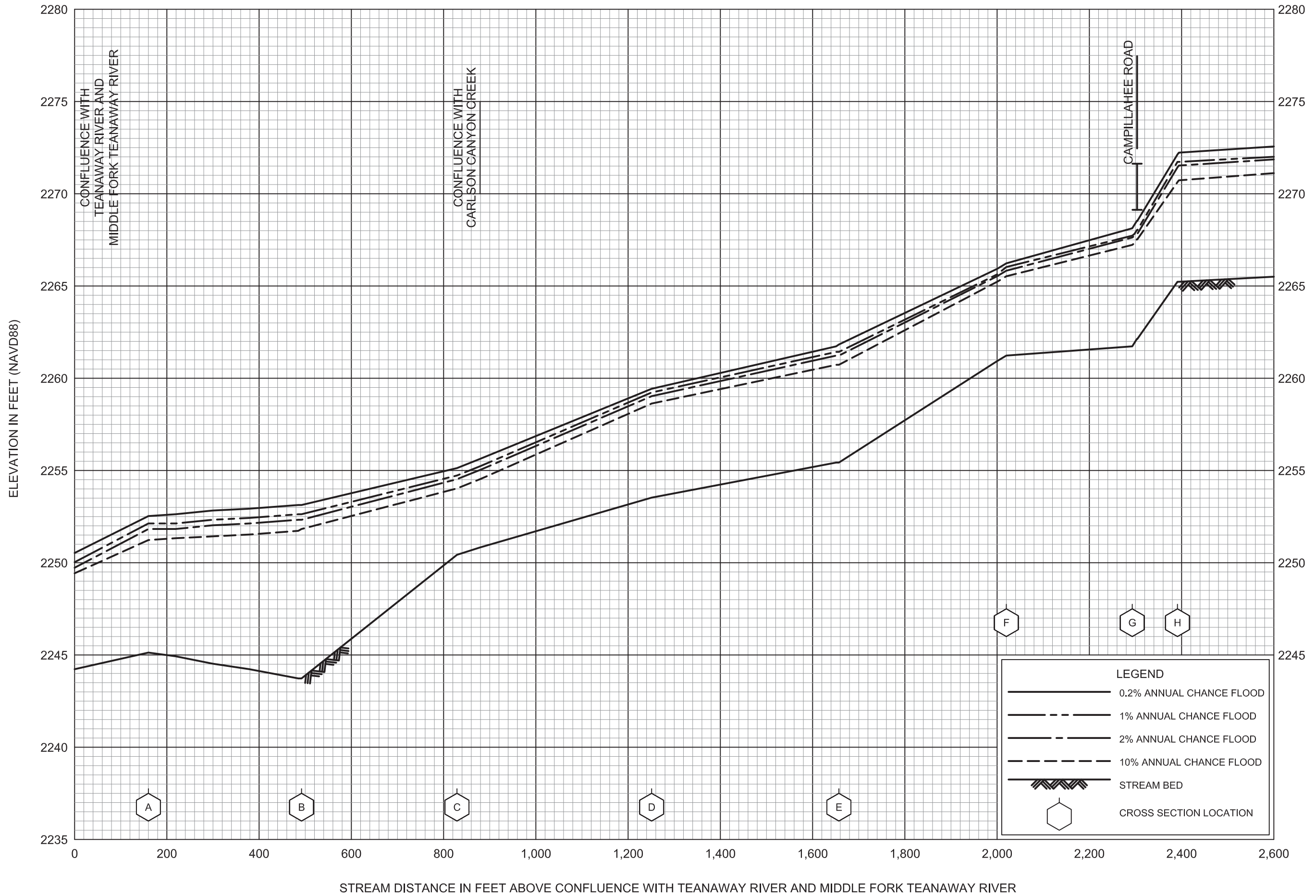
FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



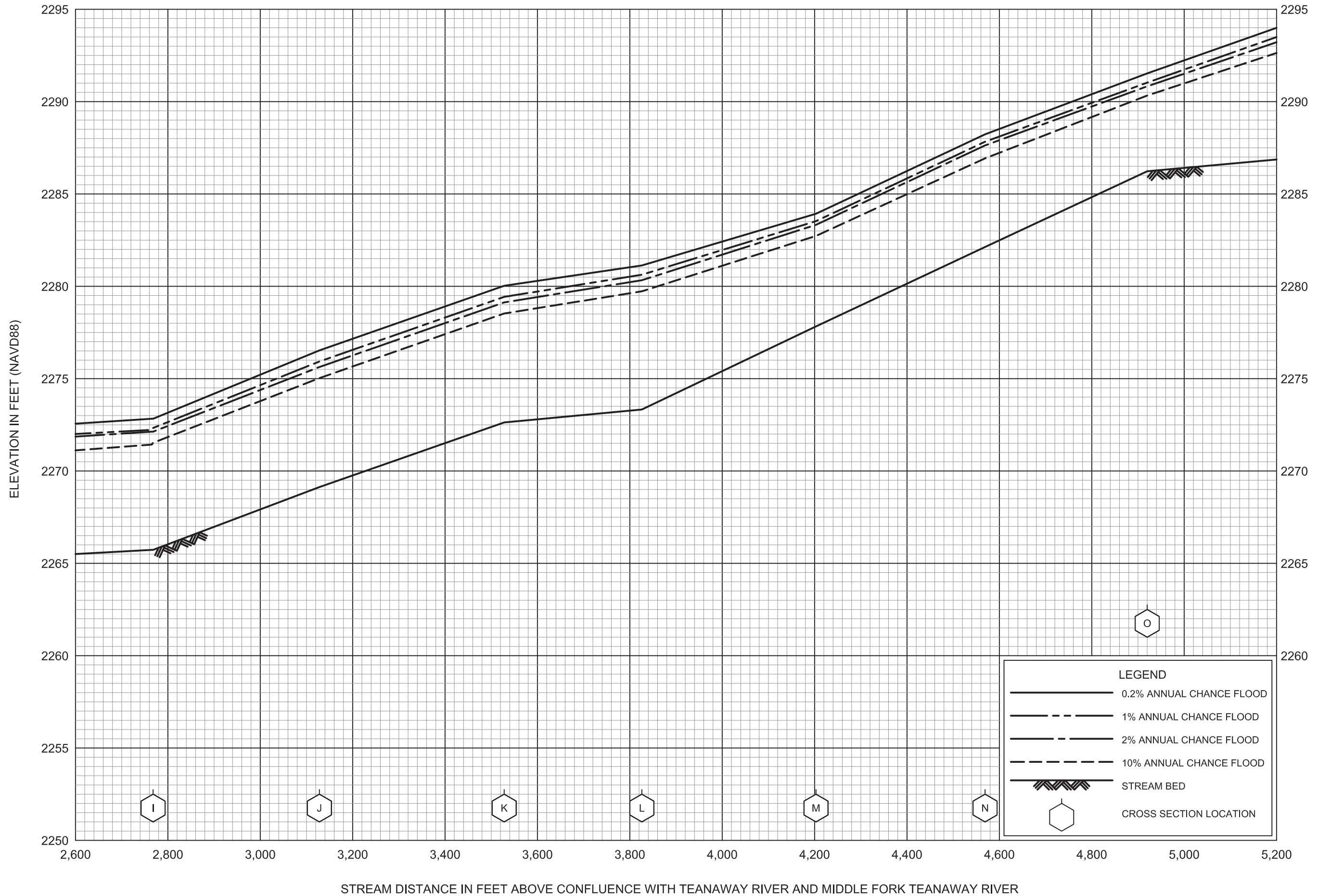
FLOOD PROFILES
TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

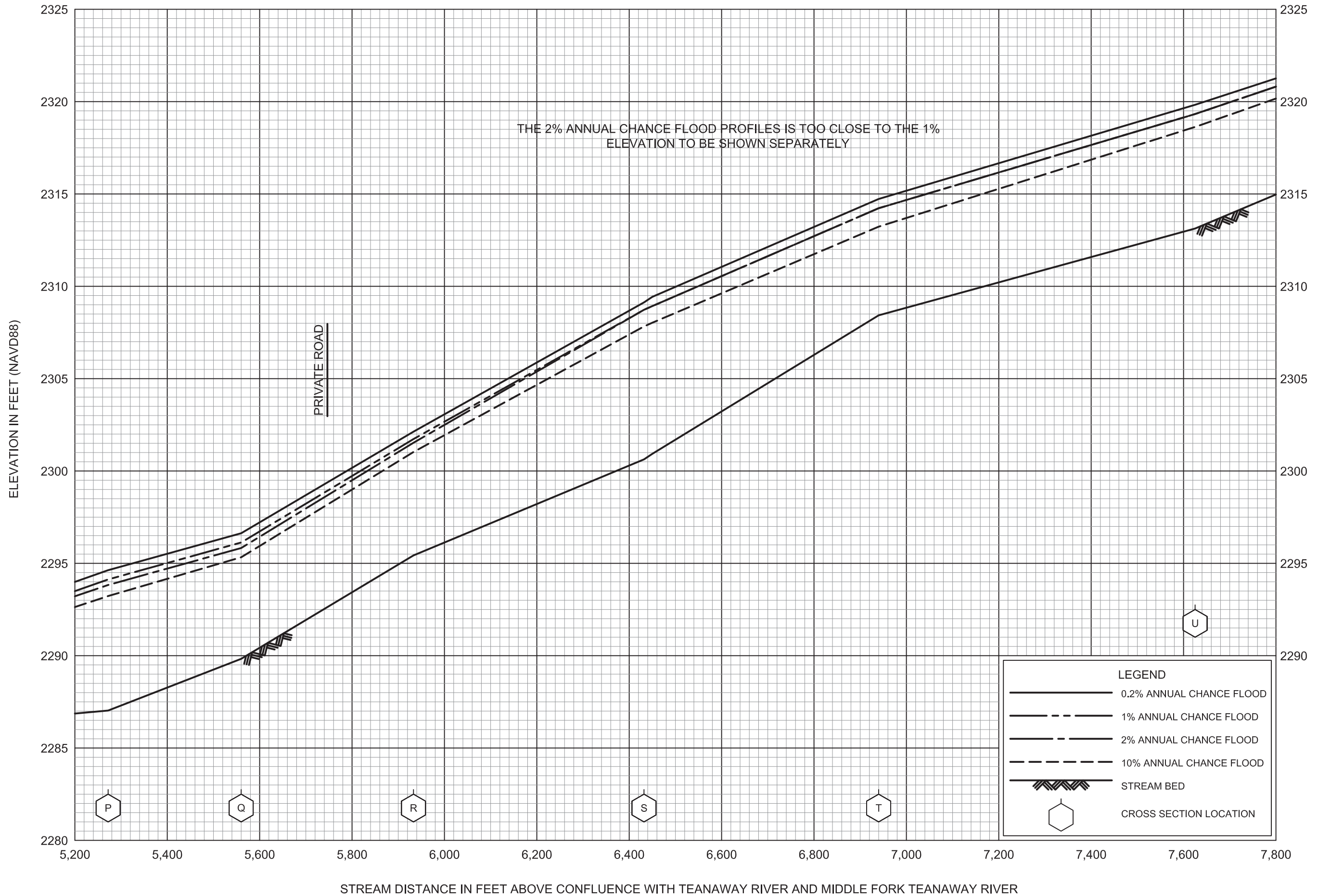


FLOOD PROFILES

WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

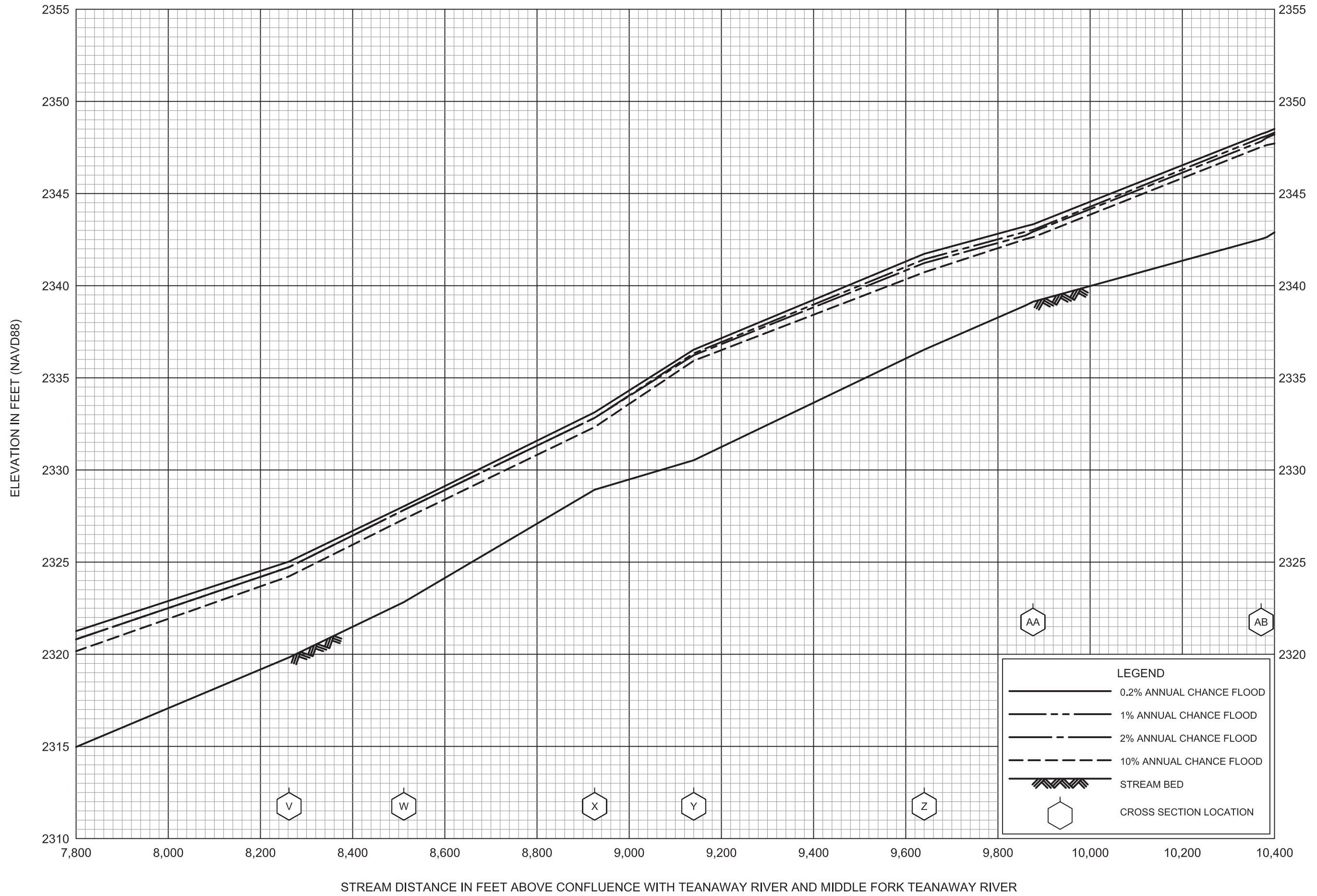


FLOOD PROFILES

WEST FORK TEANAWAY RIVER

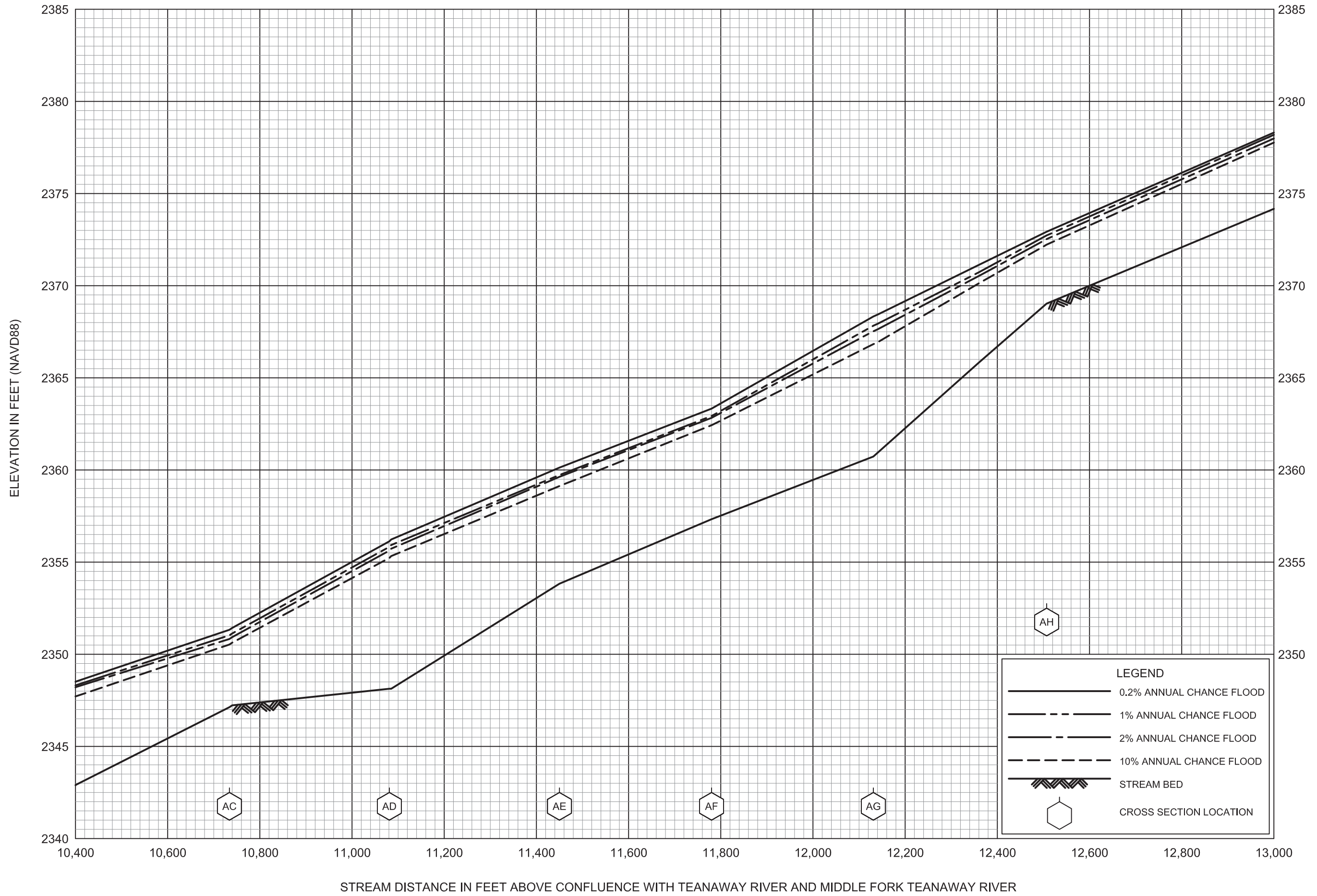
FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

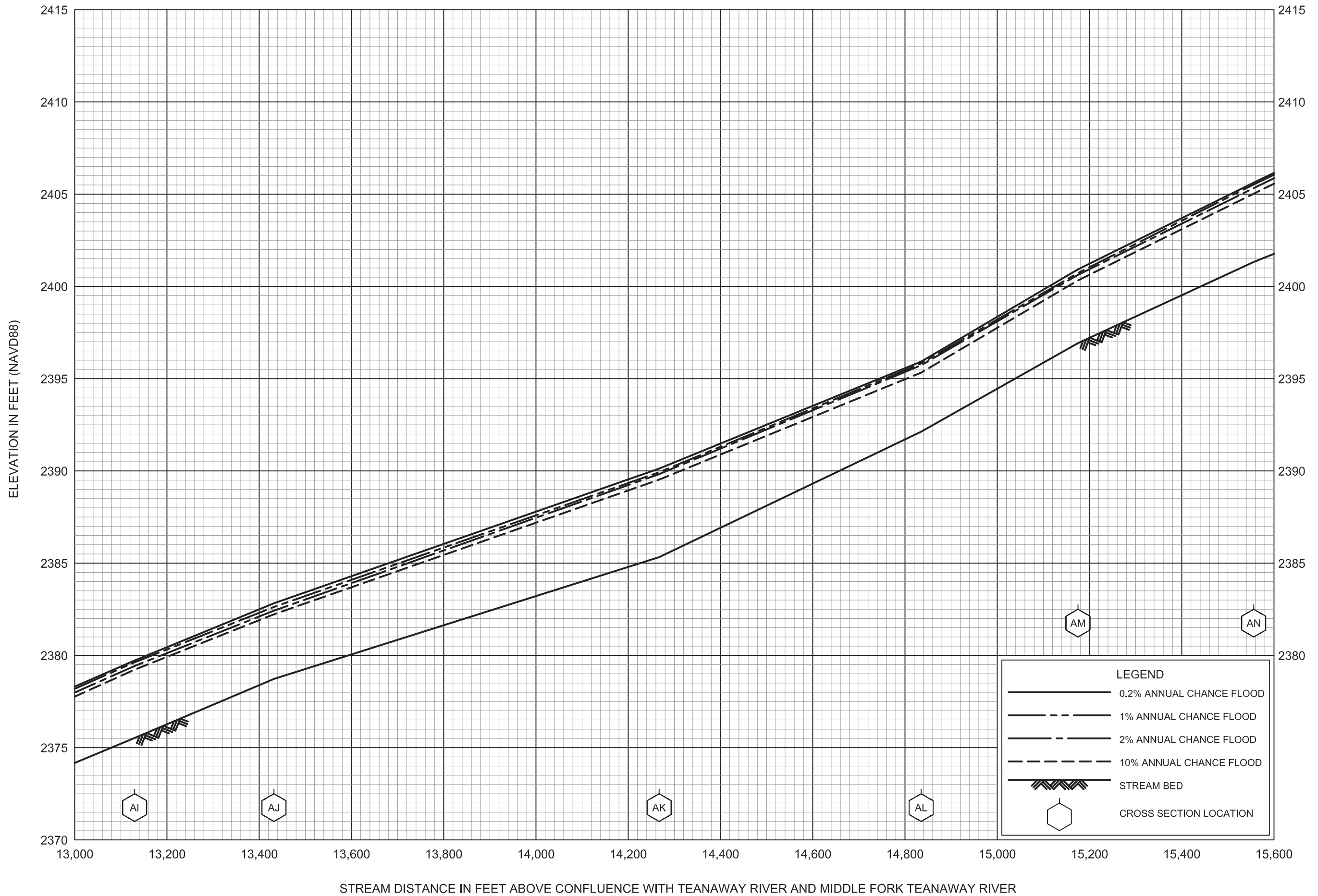


FLOOD PROFILES

WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

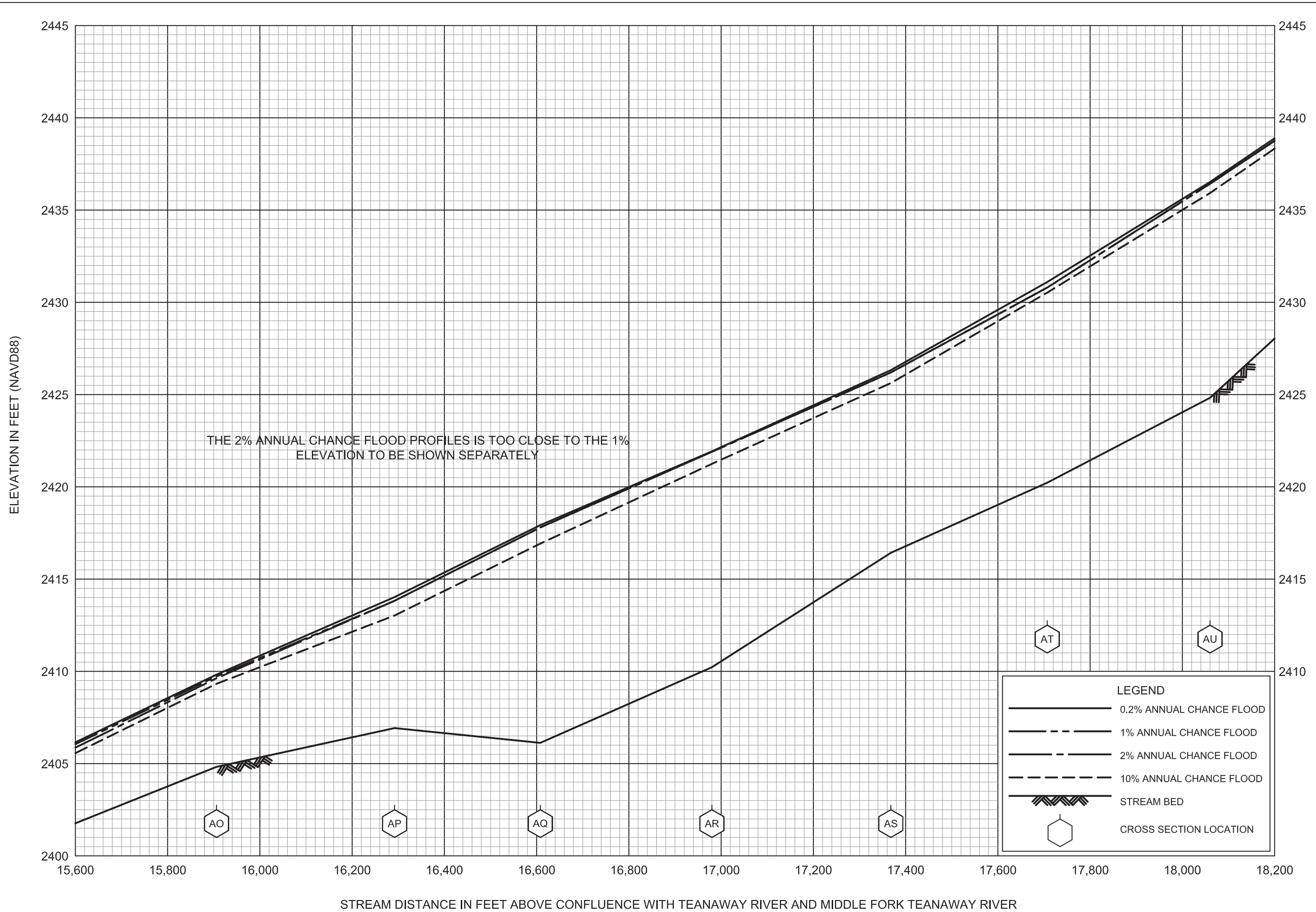
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES

WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
 KITTITAS COUNTY, WA
 AND INCORPORATED AREAS



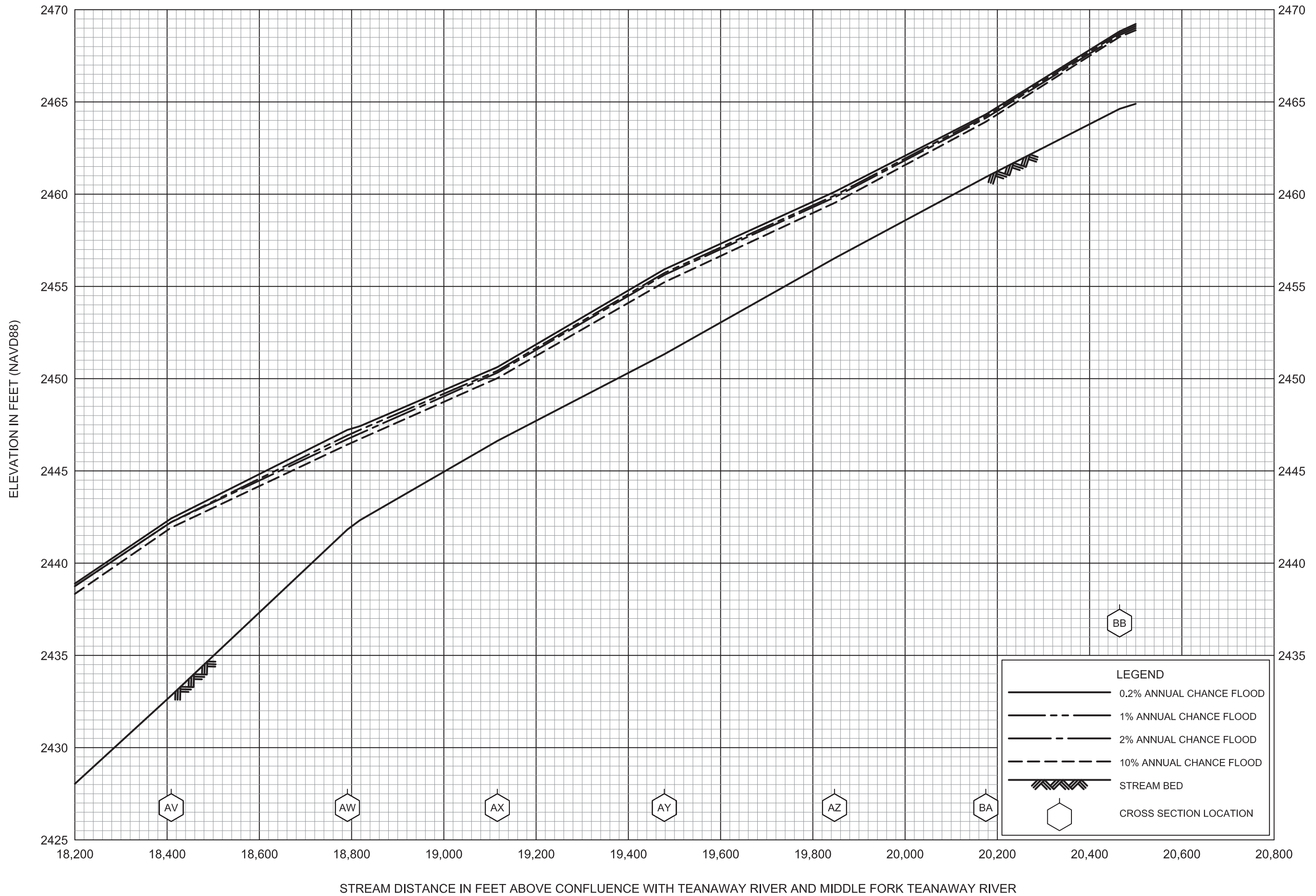
FLOOD PROFILES

WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA

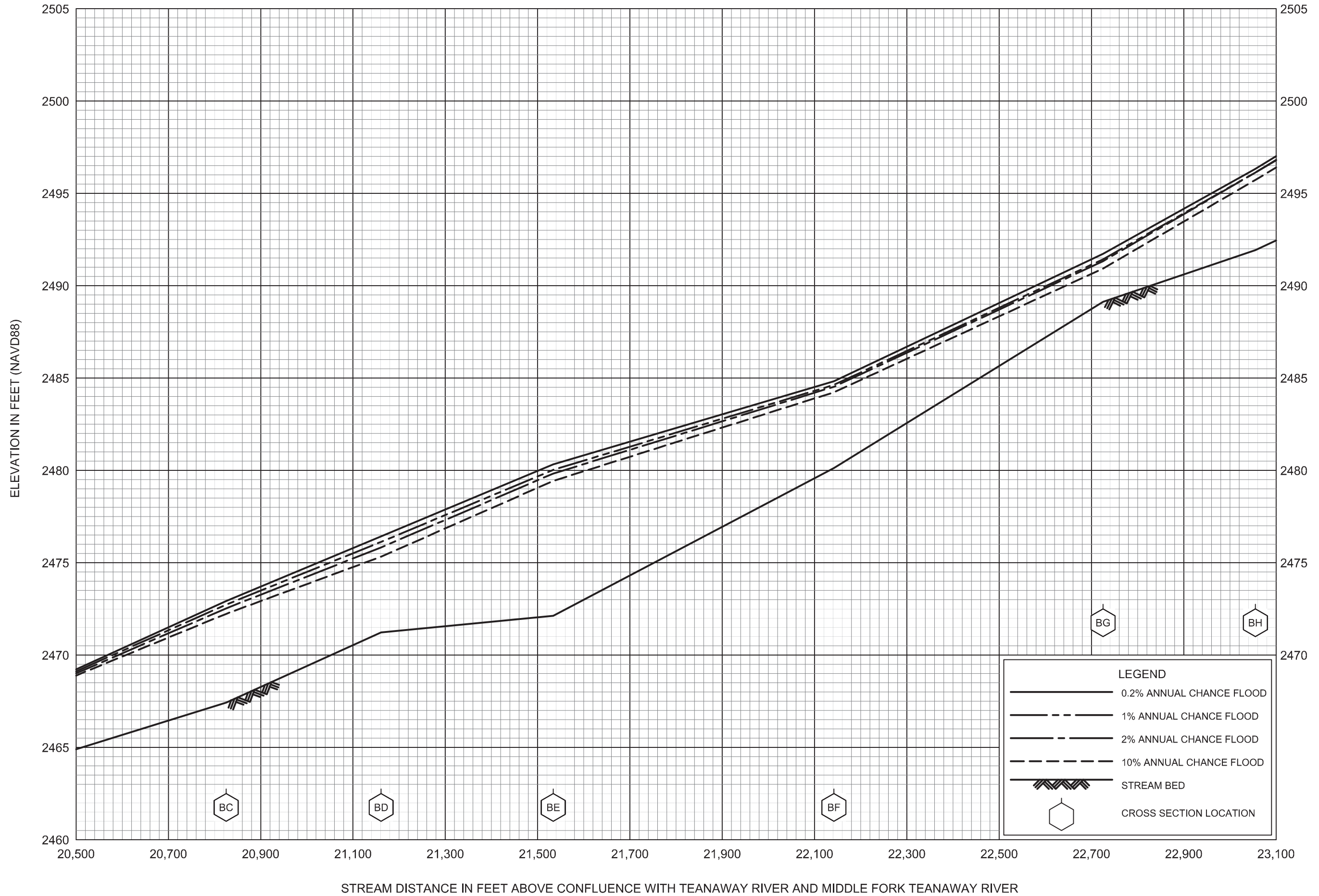
AND INCORPORATED AREAS



FLOOD PROFILES

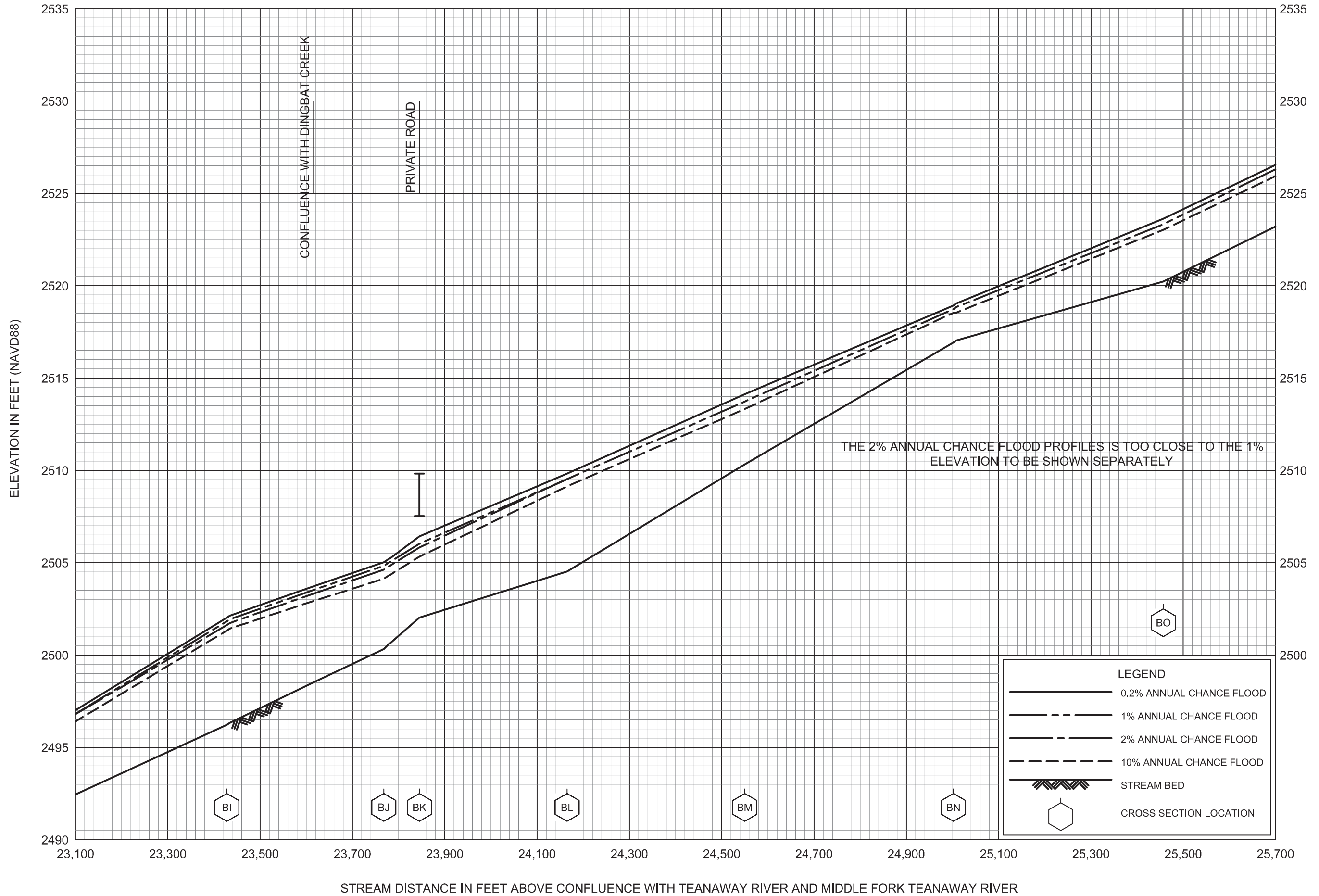
WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
 KITTITAS COUNTY, WA
 AND INCORPORATED AREAS



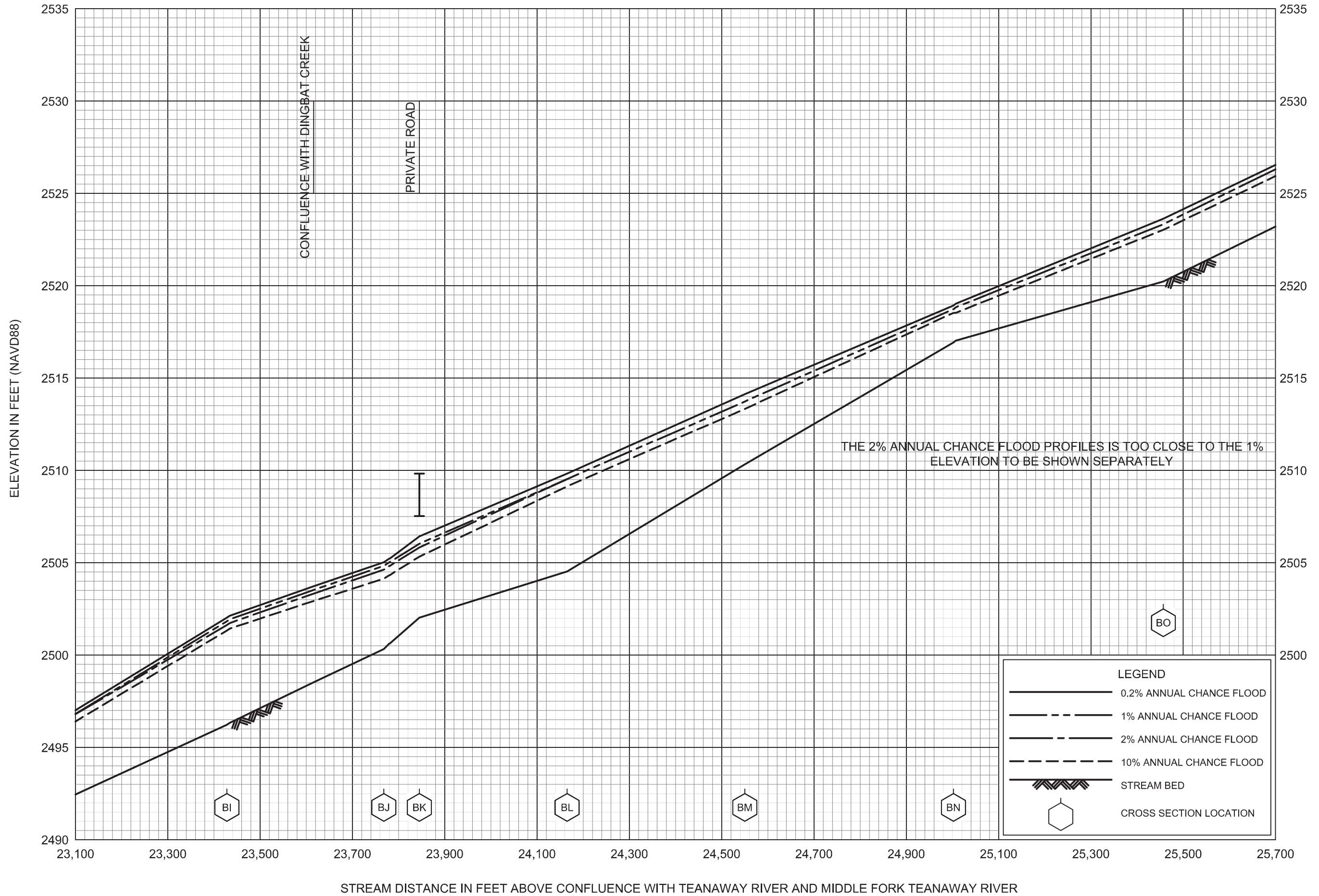
FLOOD PROFILES
WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

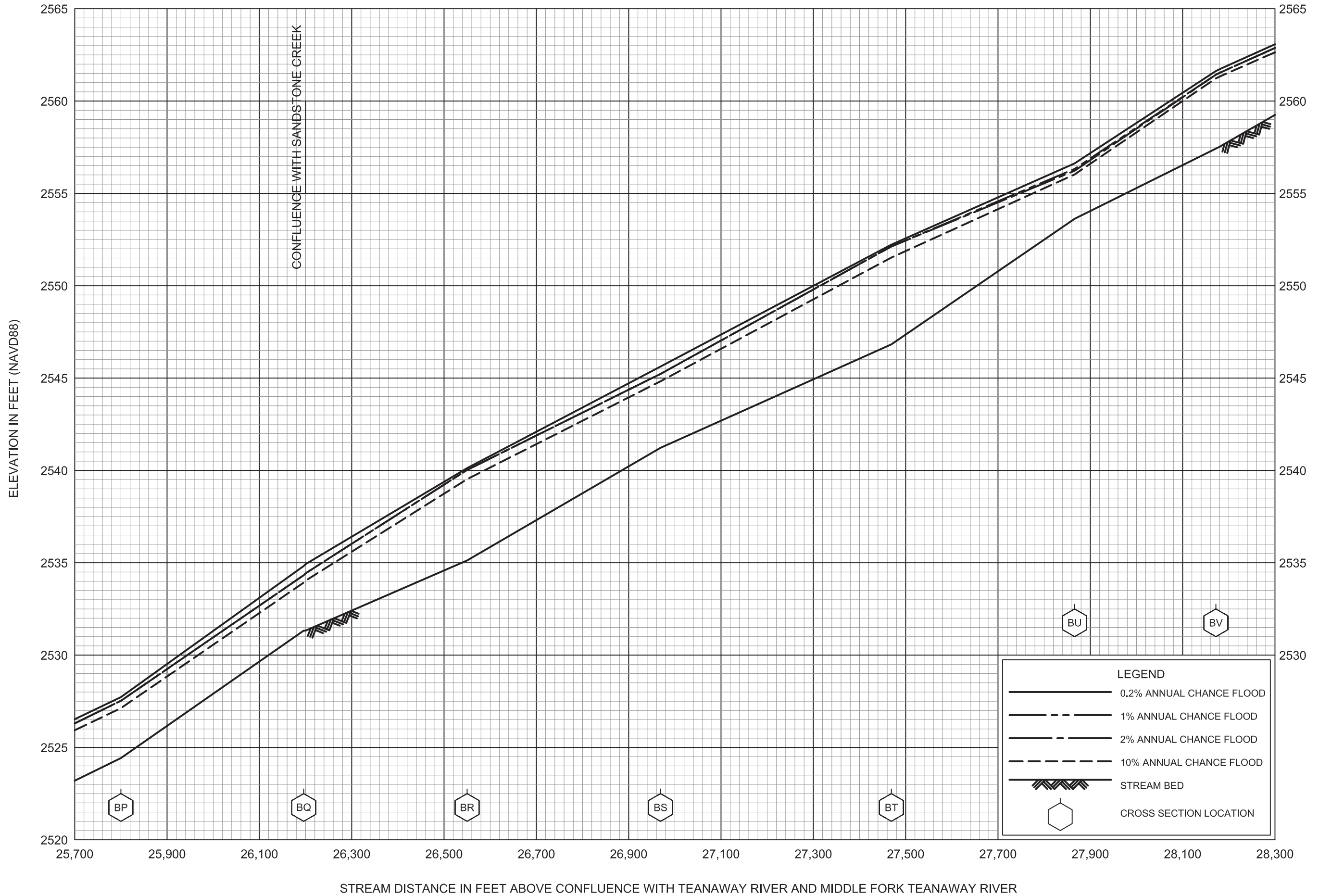


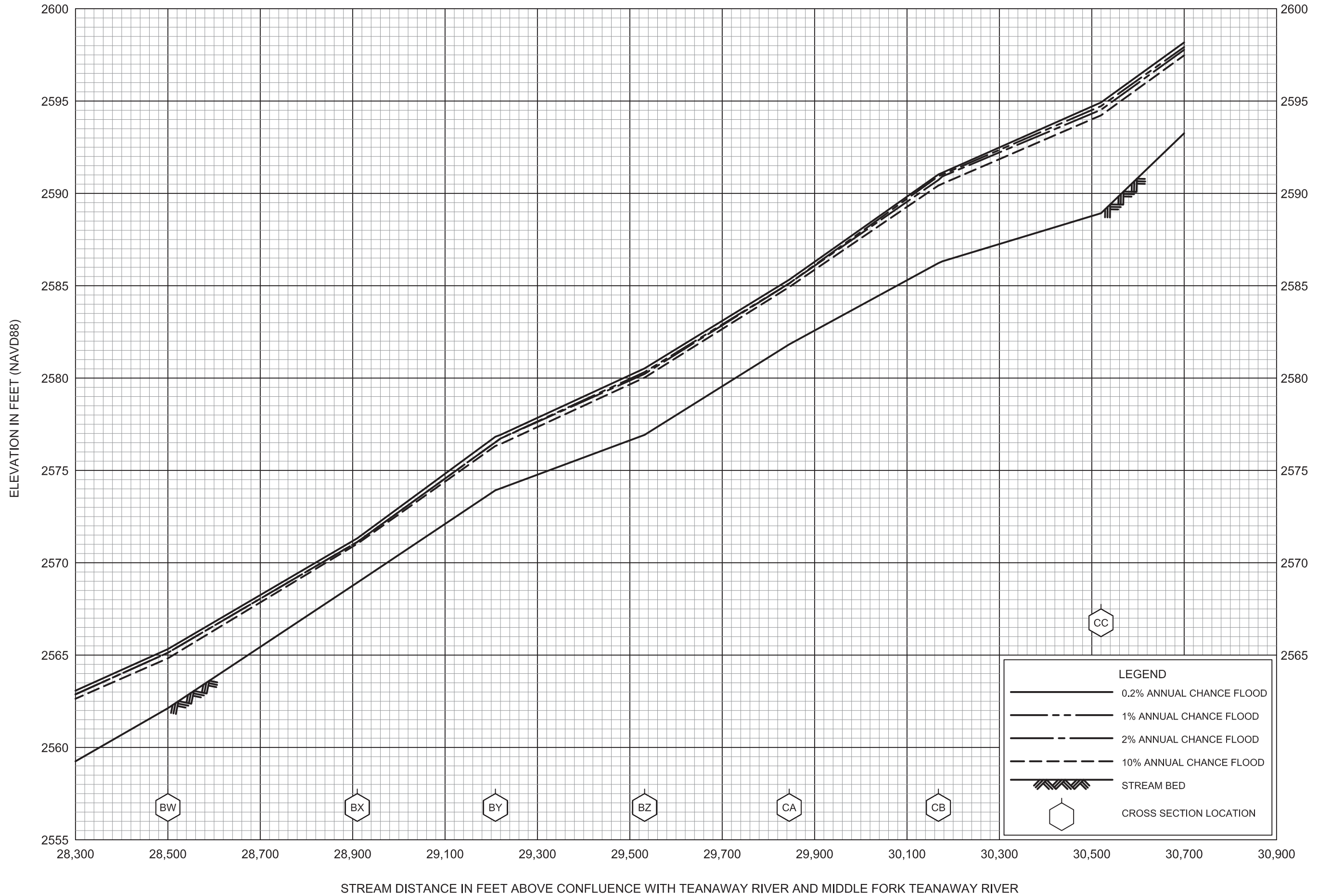
FLOOD PROFILES

WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

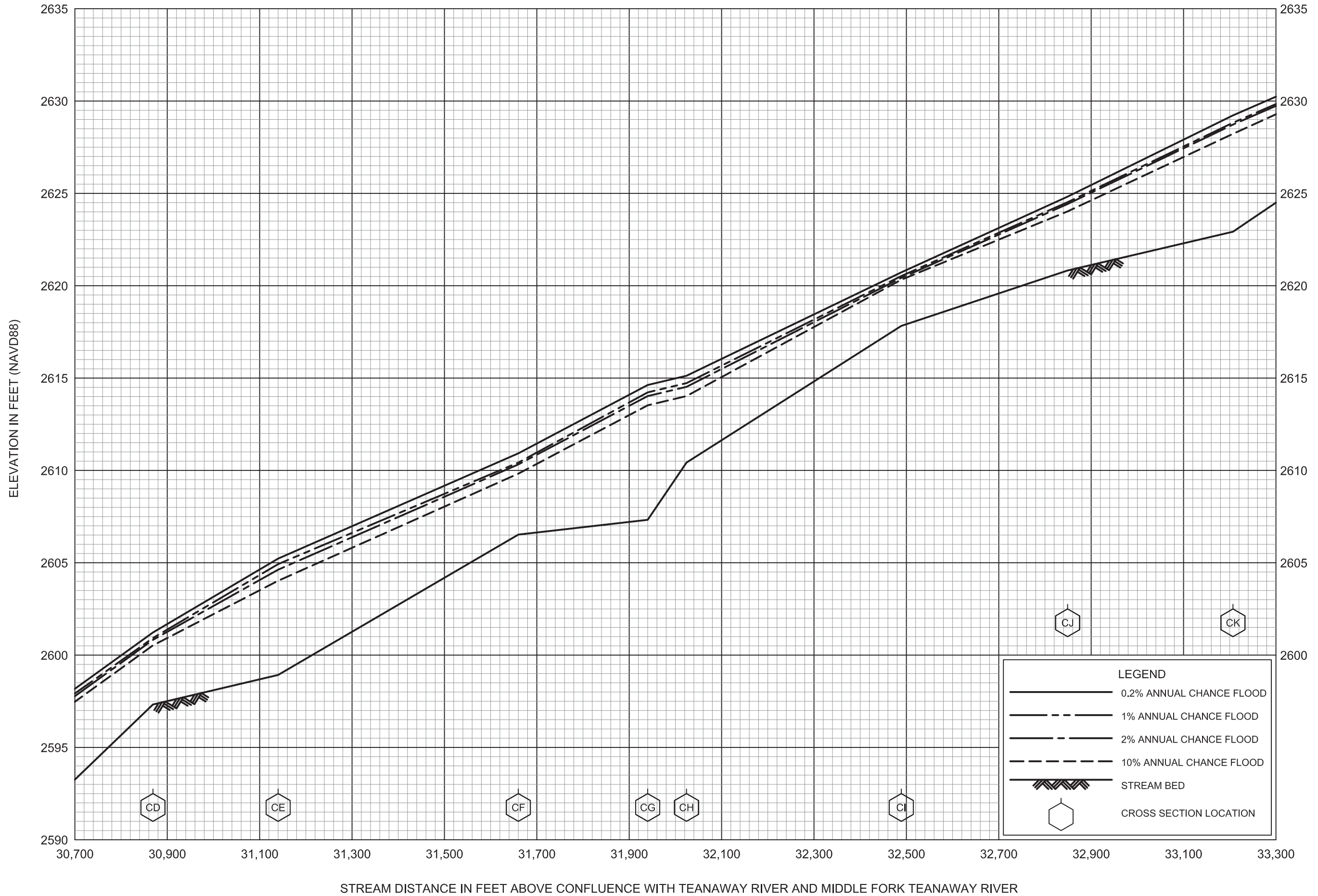




FLOOD PROFILES

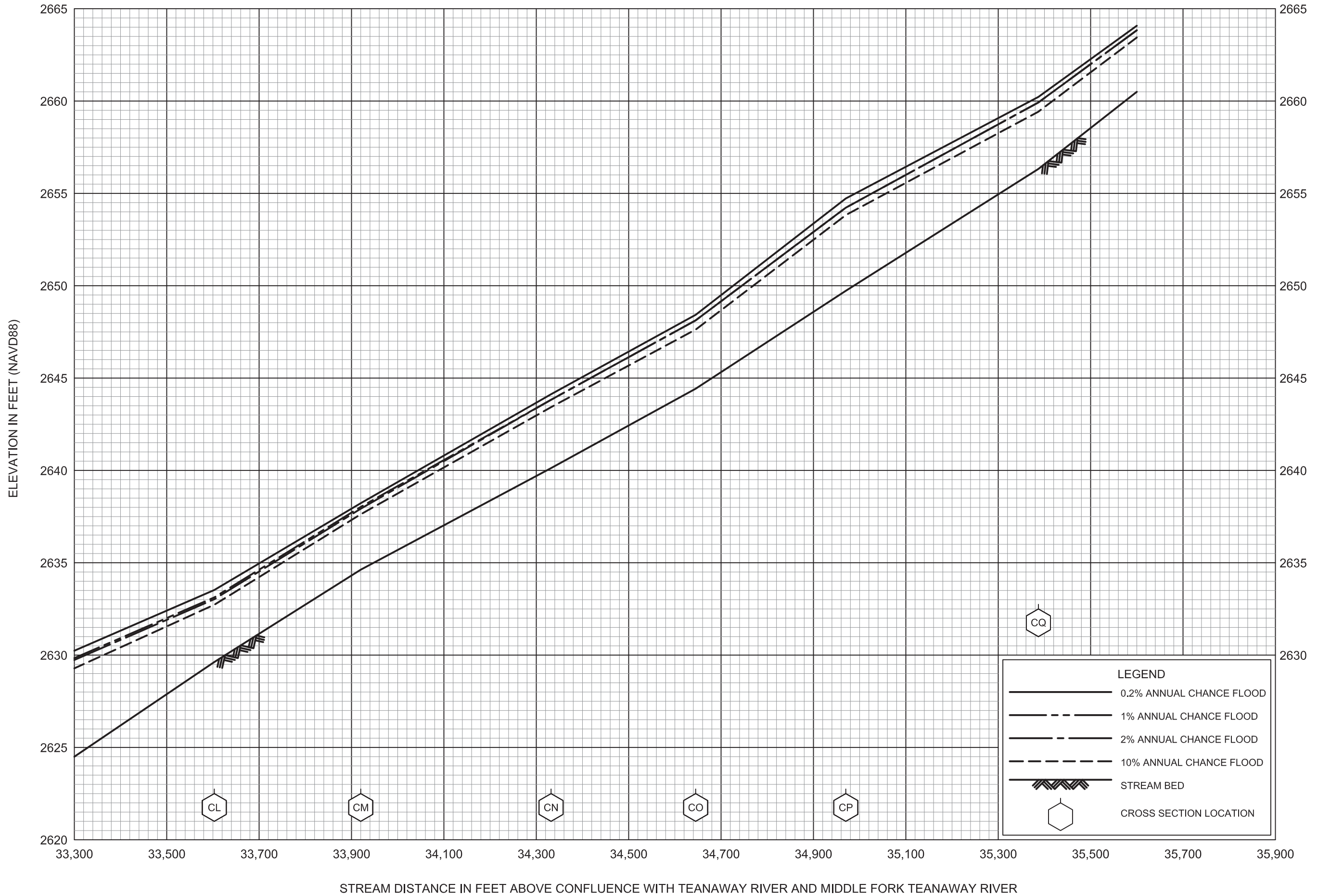
WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
 KITTITAS COUNTY, WA
 AND INCORPORATED AREAS



FLOOD PROFILES
WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

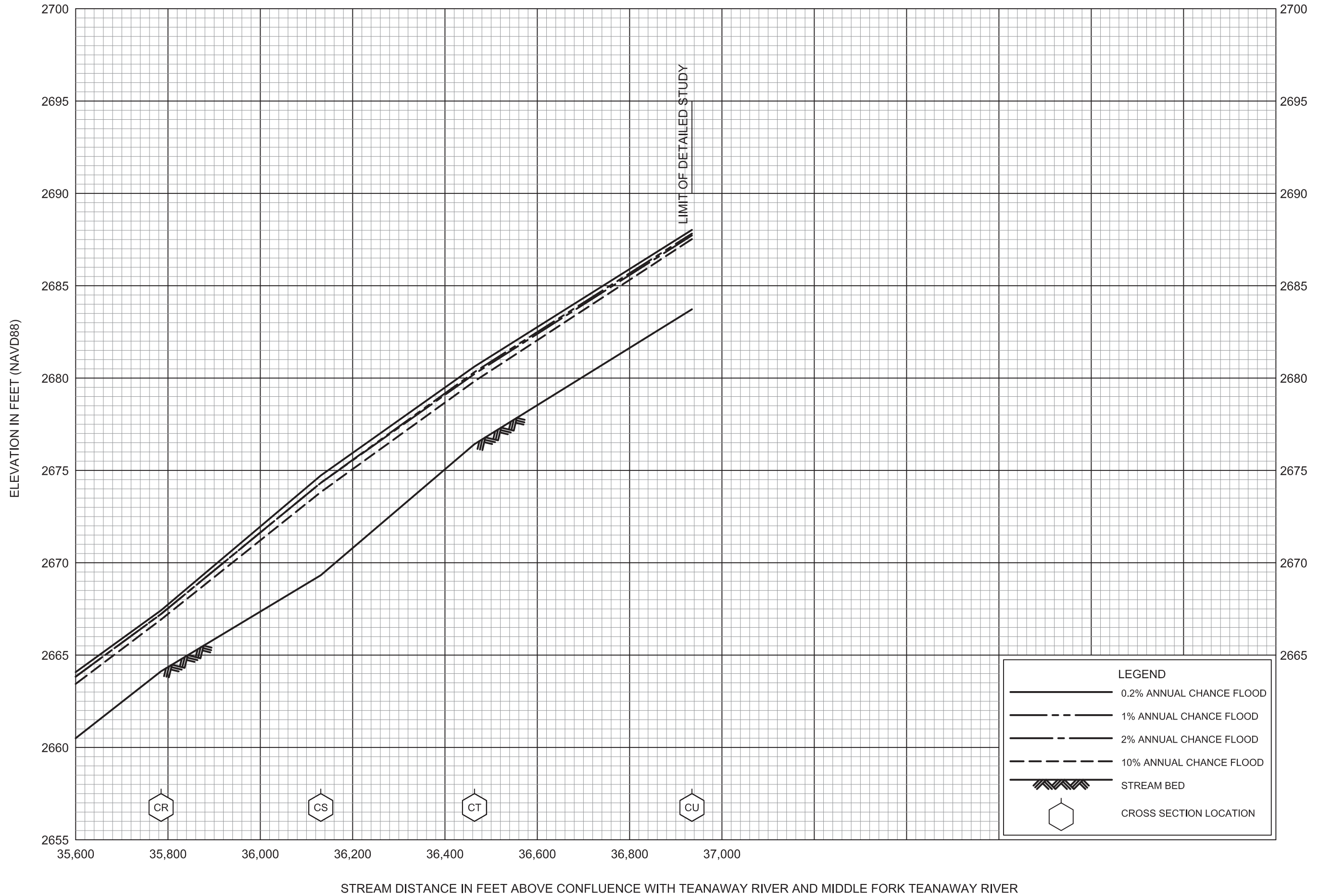


FLOOD PROFILES

WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

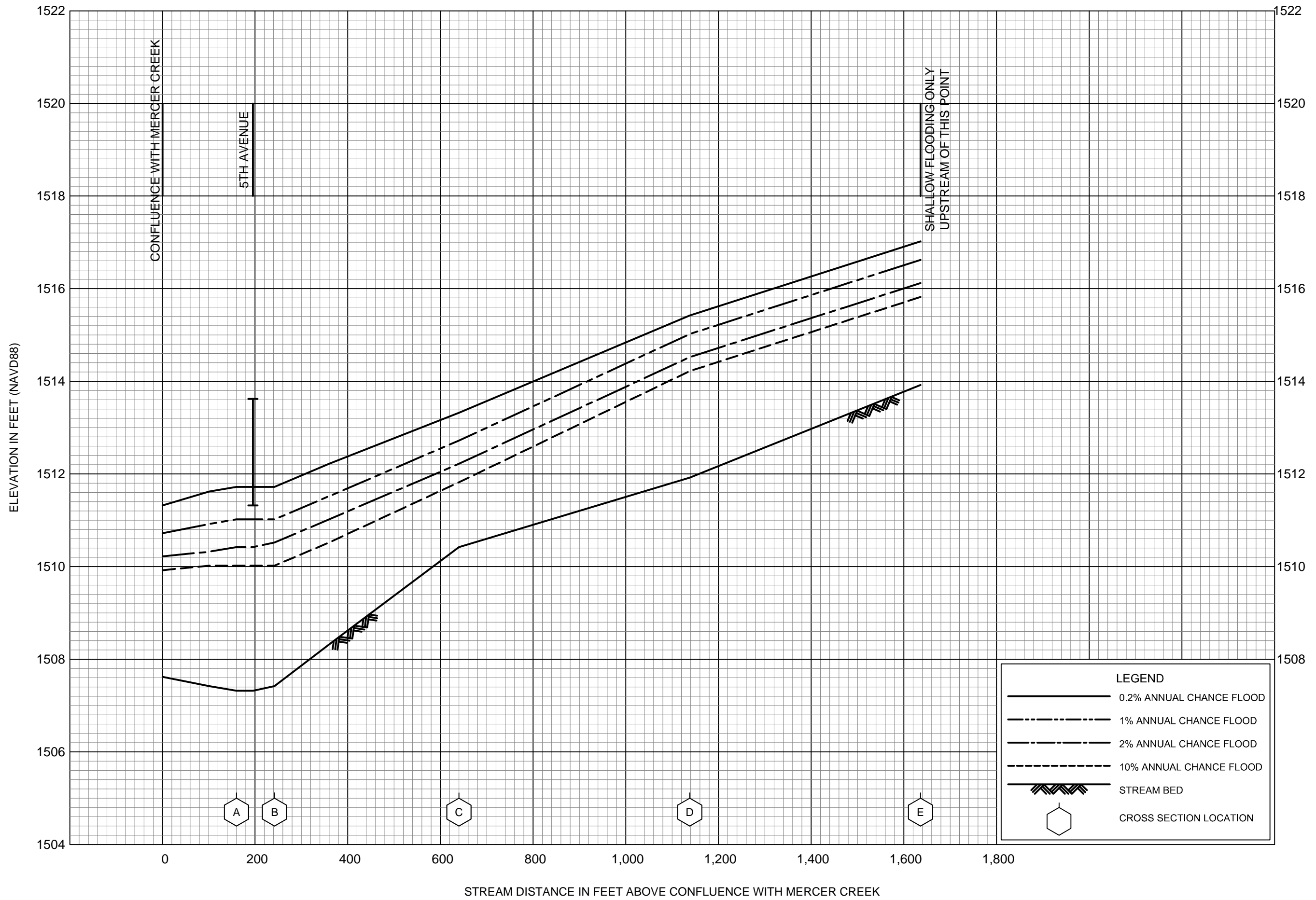


FLOOD PROFILES

WEST FORK TEANAWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

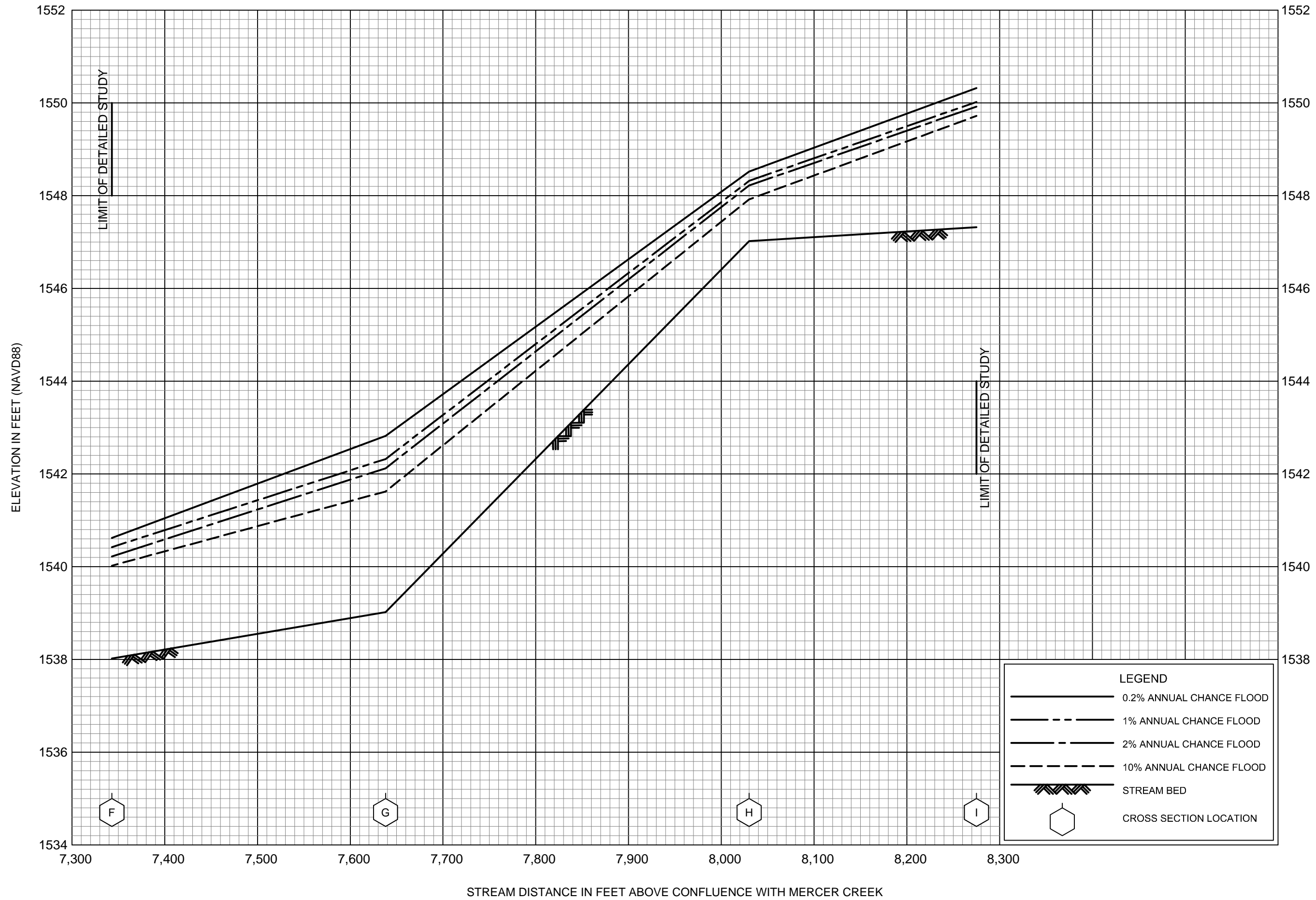


LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES
WHISKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



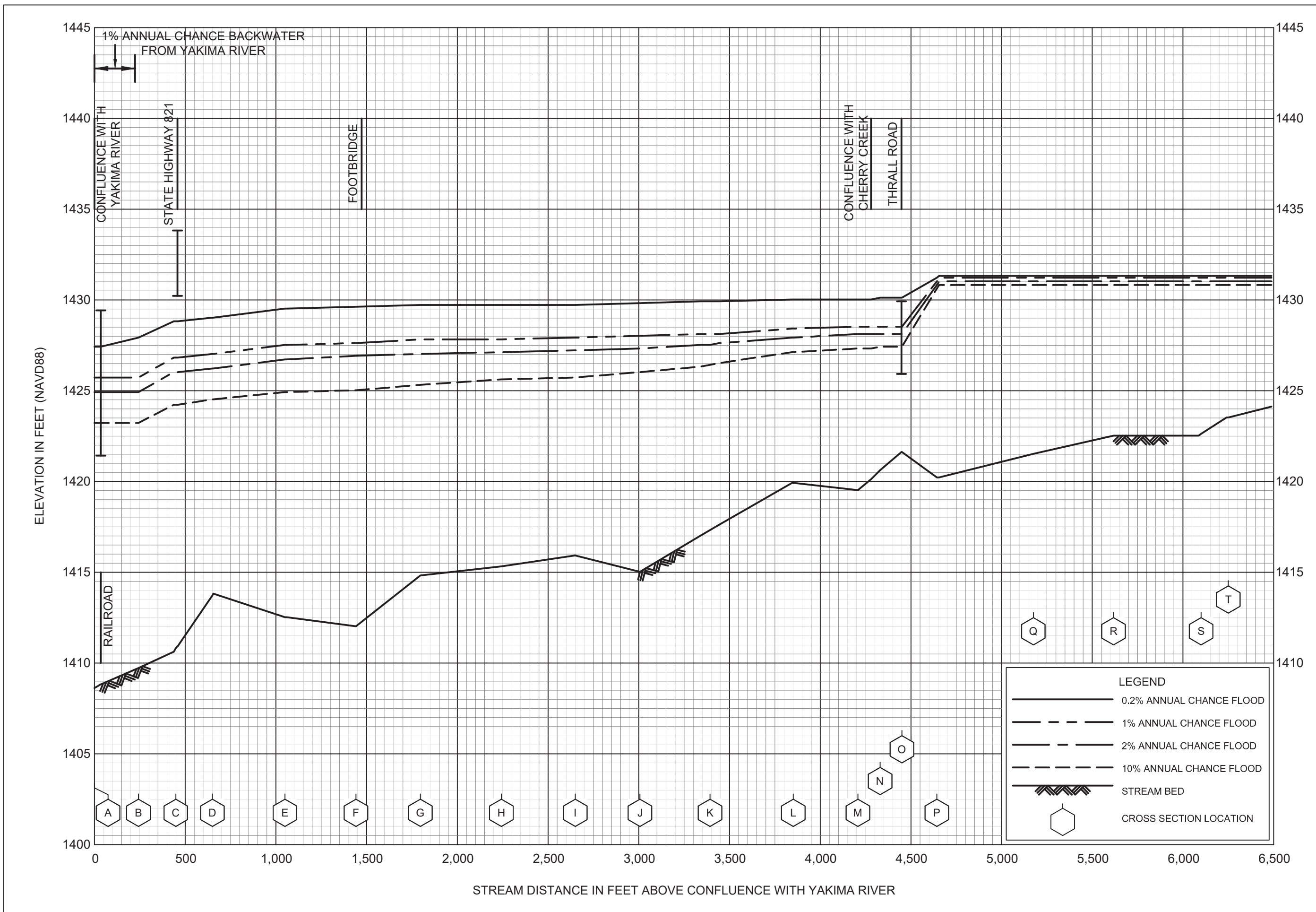
FLOOD PROFILES

WHISKEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA

AND INCORPORATED AREAS

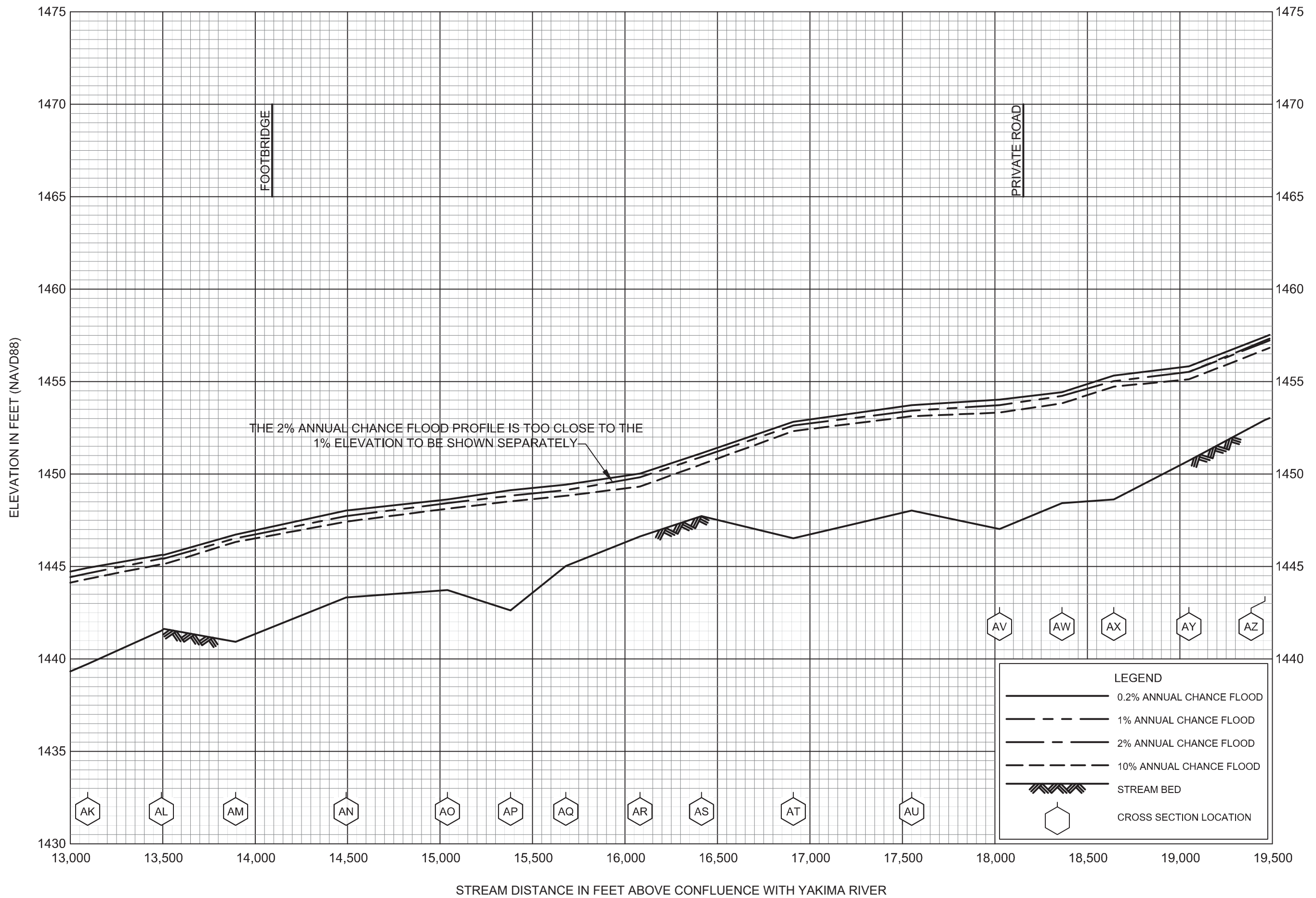


FLOOD PROFILES

WILSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

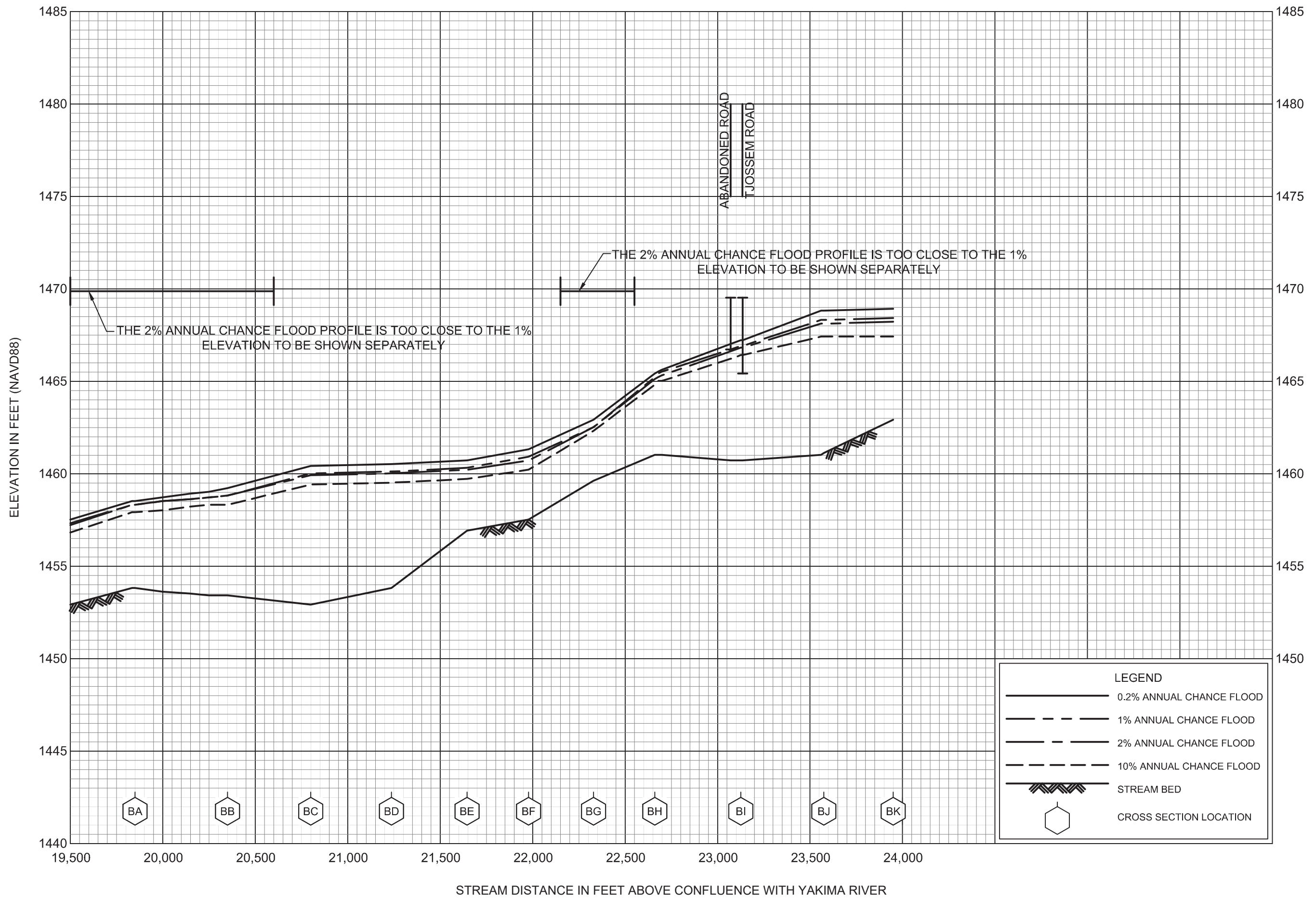


FLOOD PROFILES

WILSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

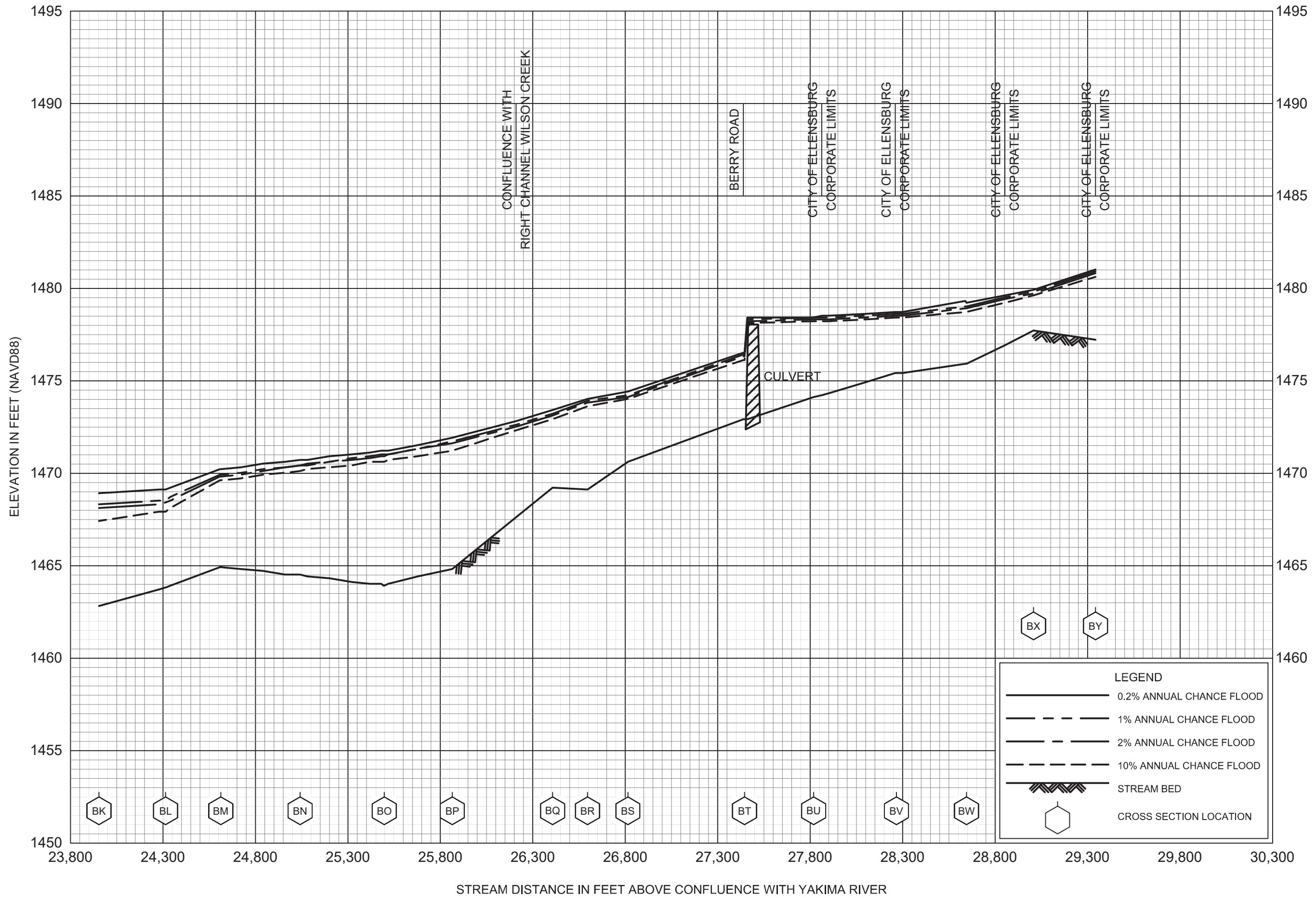


FLOOD PROFILES

WILSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

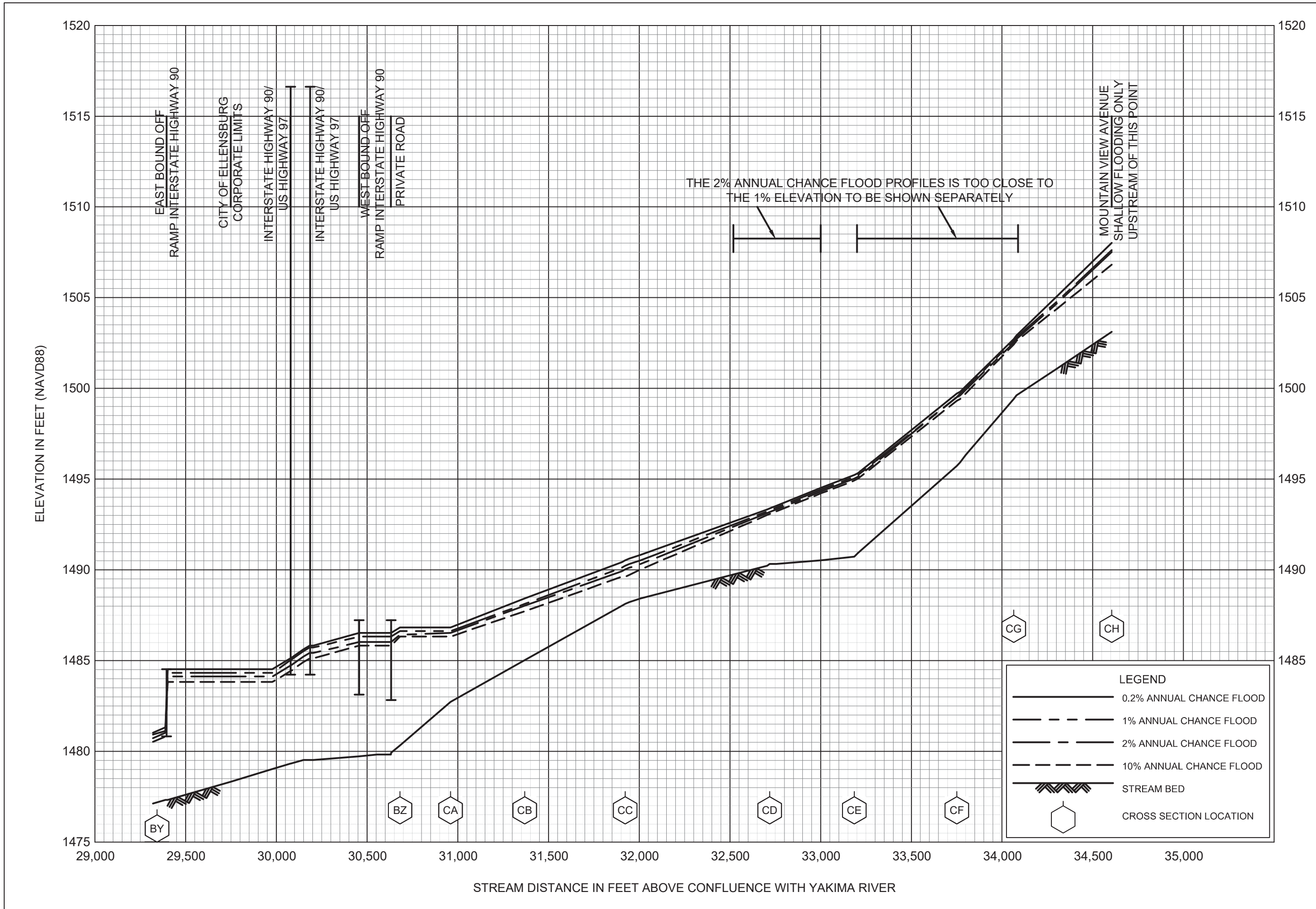


FLOOD PROFILES

WILSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

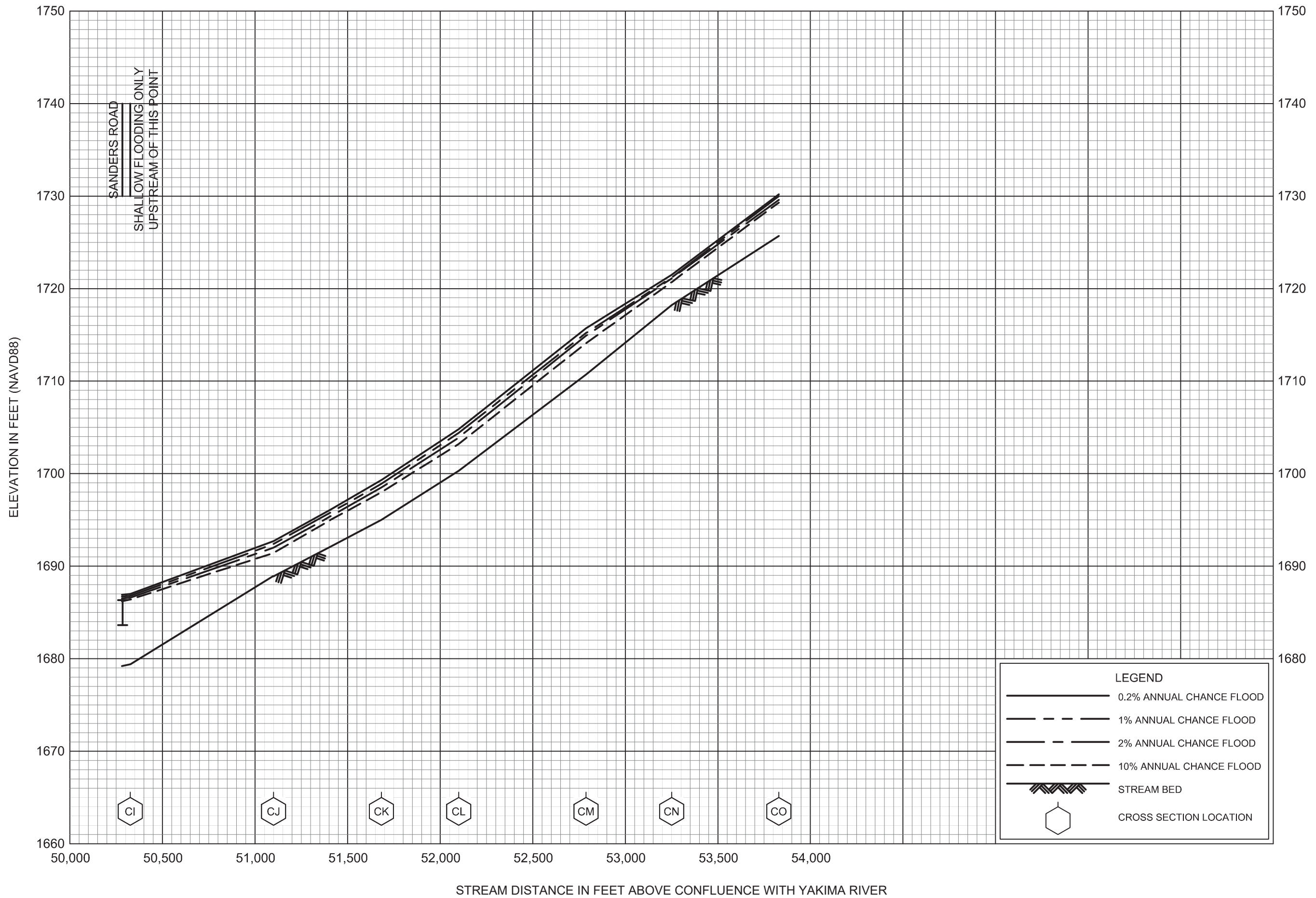
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES

WILSON CREEK

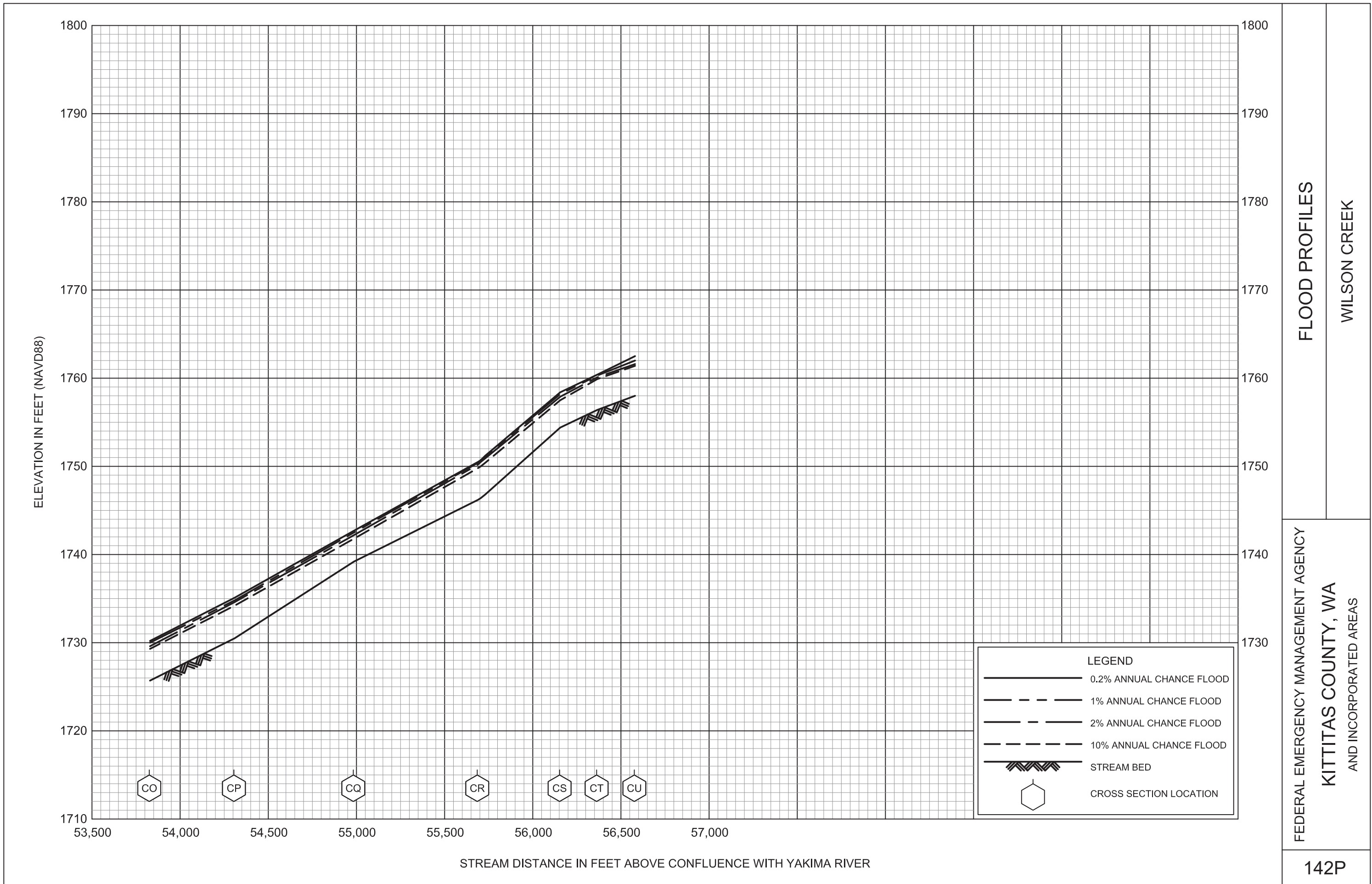
FEDERAL EMERGENCY MANAGEMENT AGENCY
 KITTITAS COUNTY, WA
 AND INCORPORATED AREAS

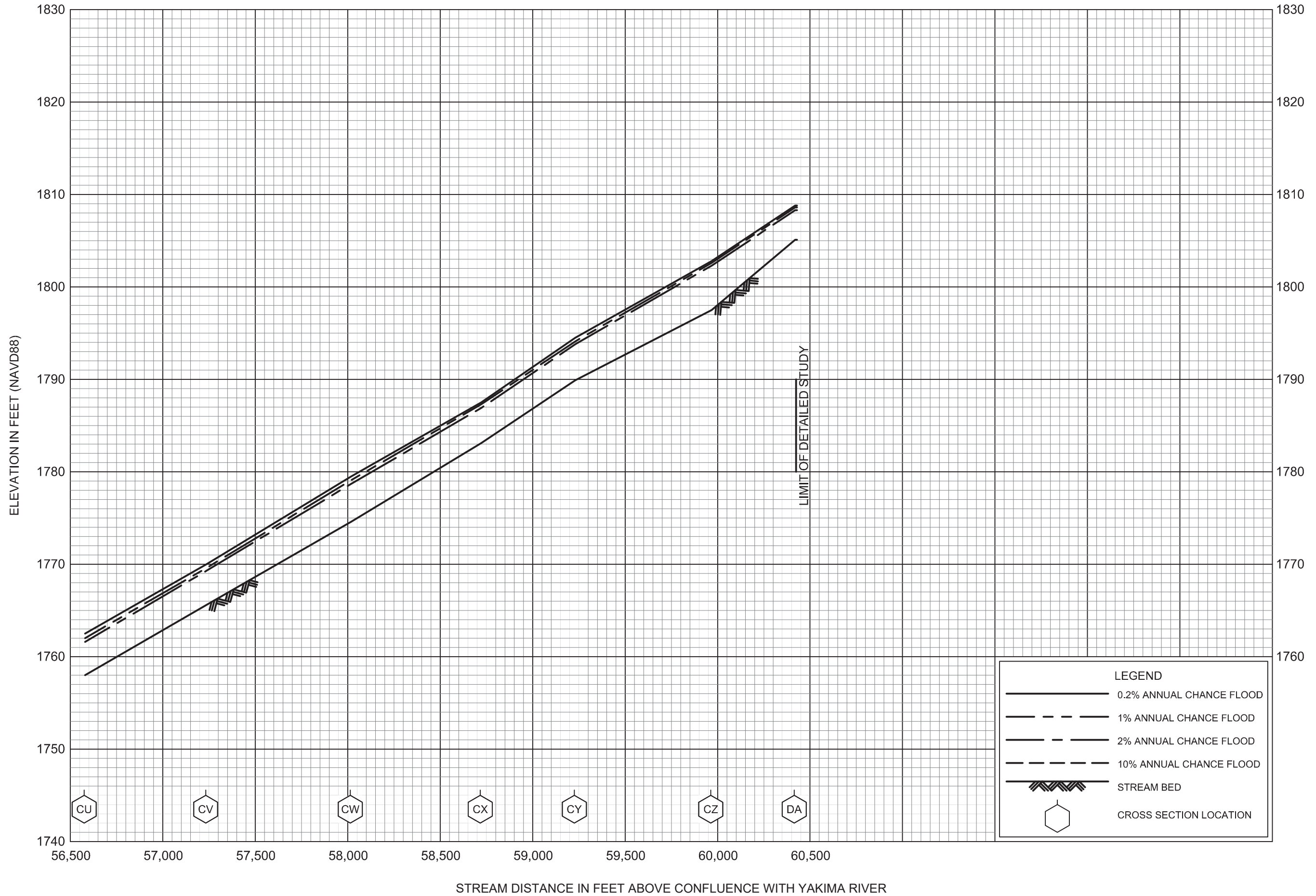


FLOOD PROFILES

WILSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
 KITTITAS COUNTY, WA
 AND INCORPORATED AREAS

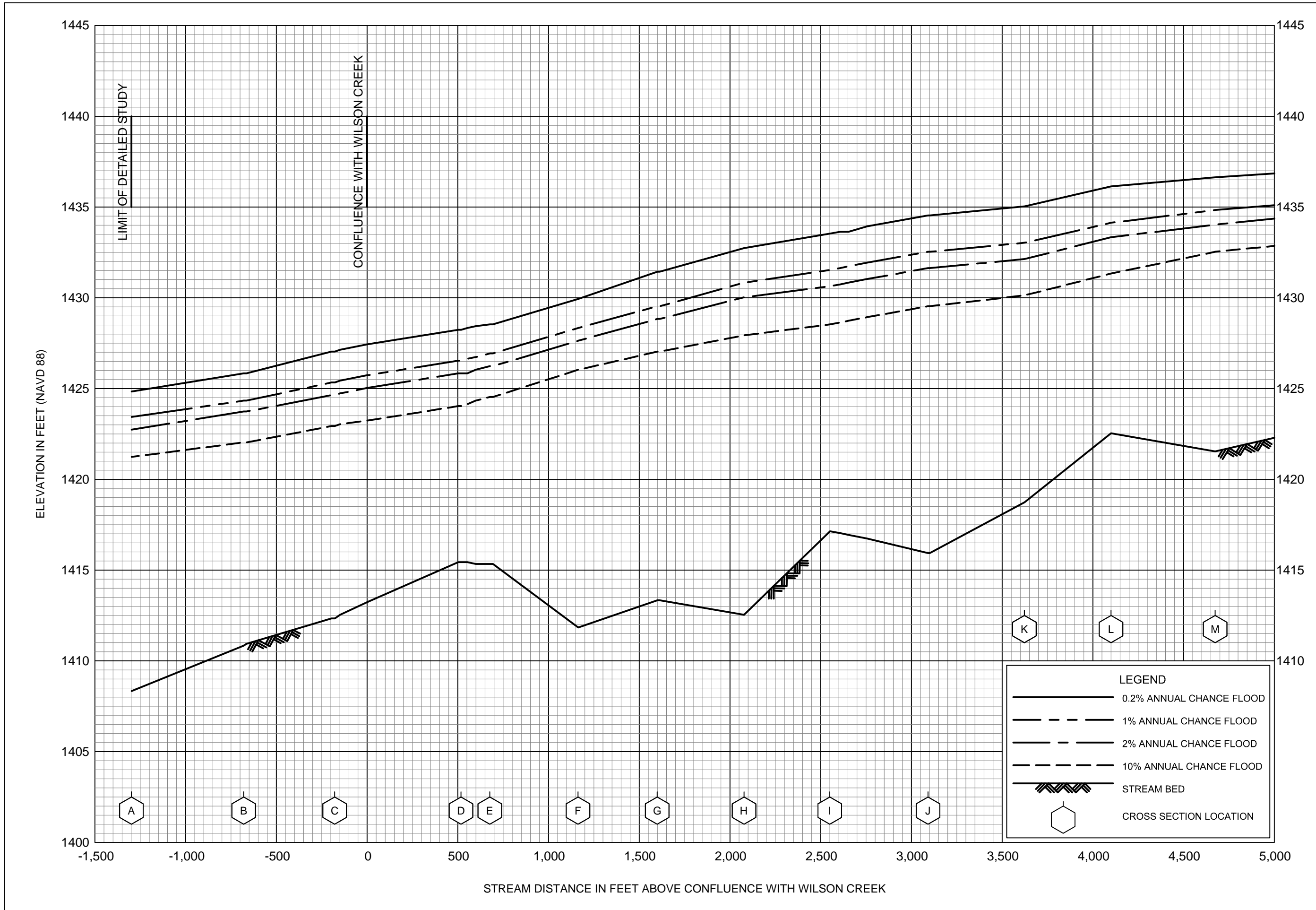




FLOOD PROFILES

WILSON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
 KITTITAS COUNTY, WA
 AND INCORPORATED AREAS

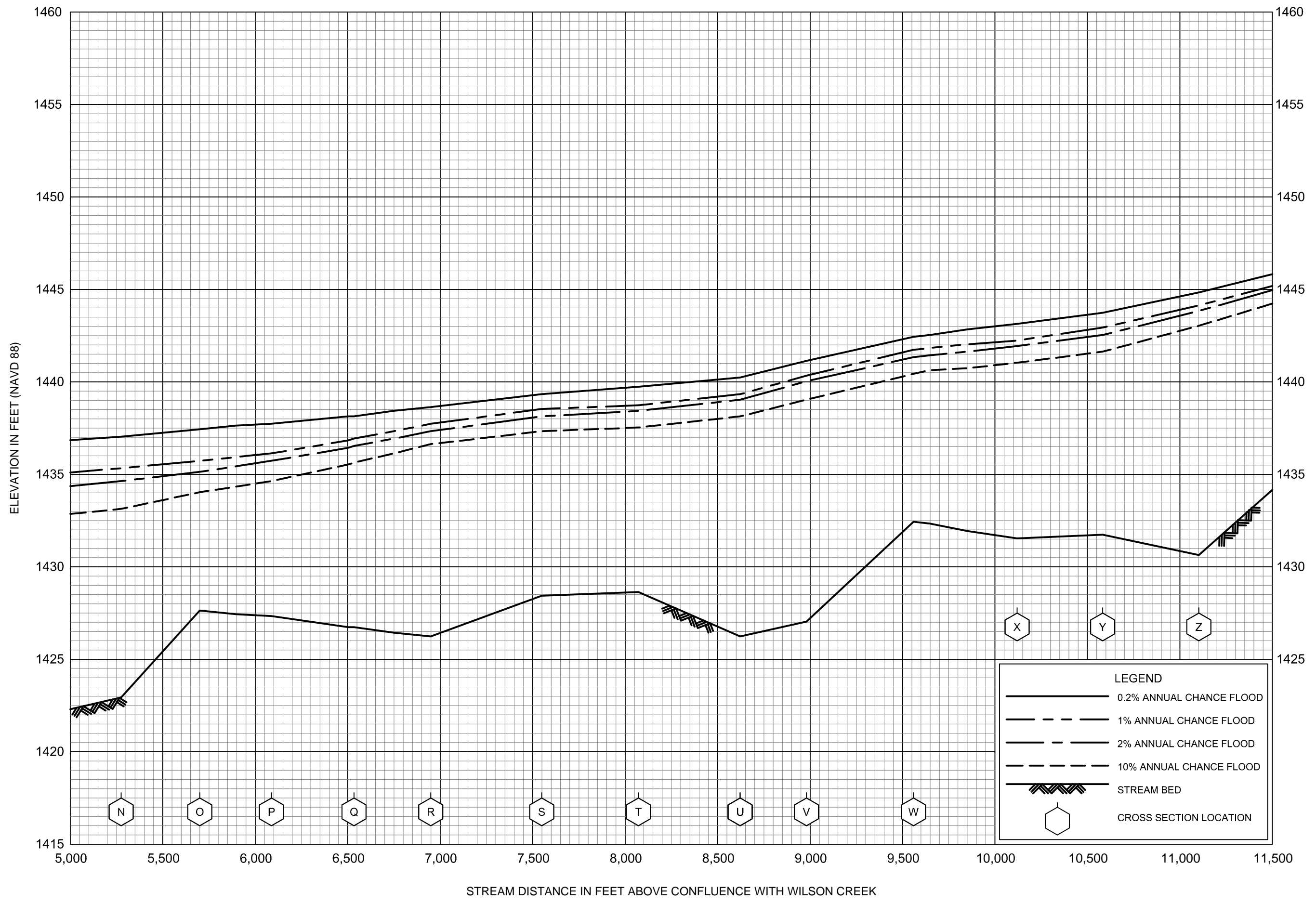


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

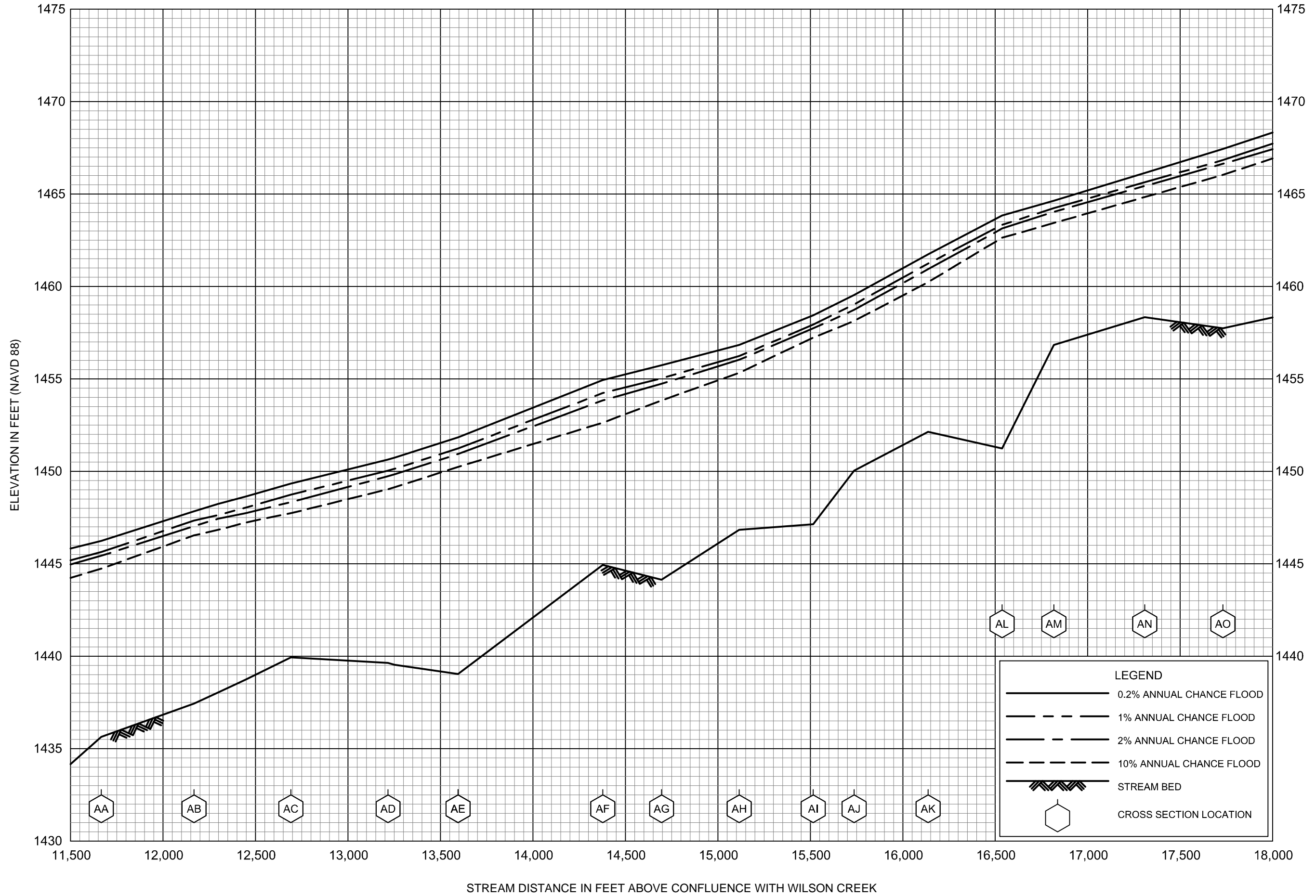


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

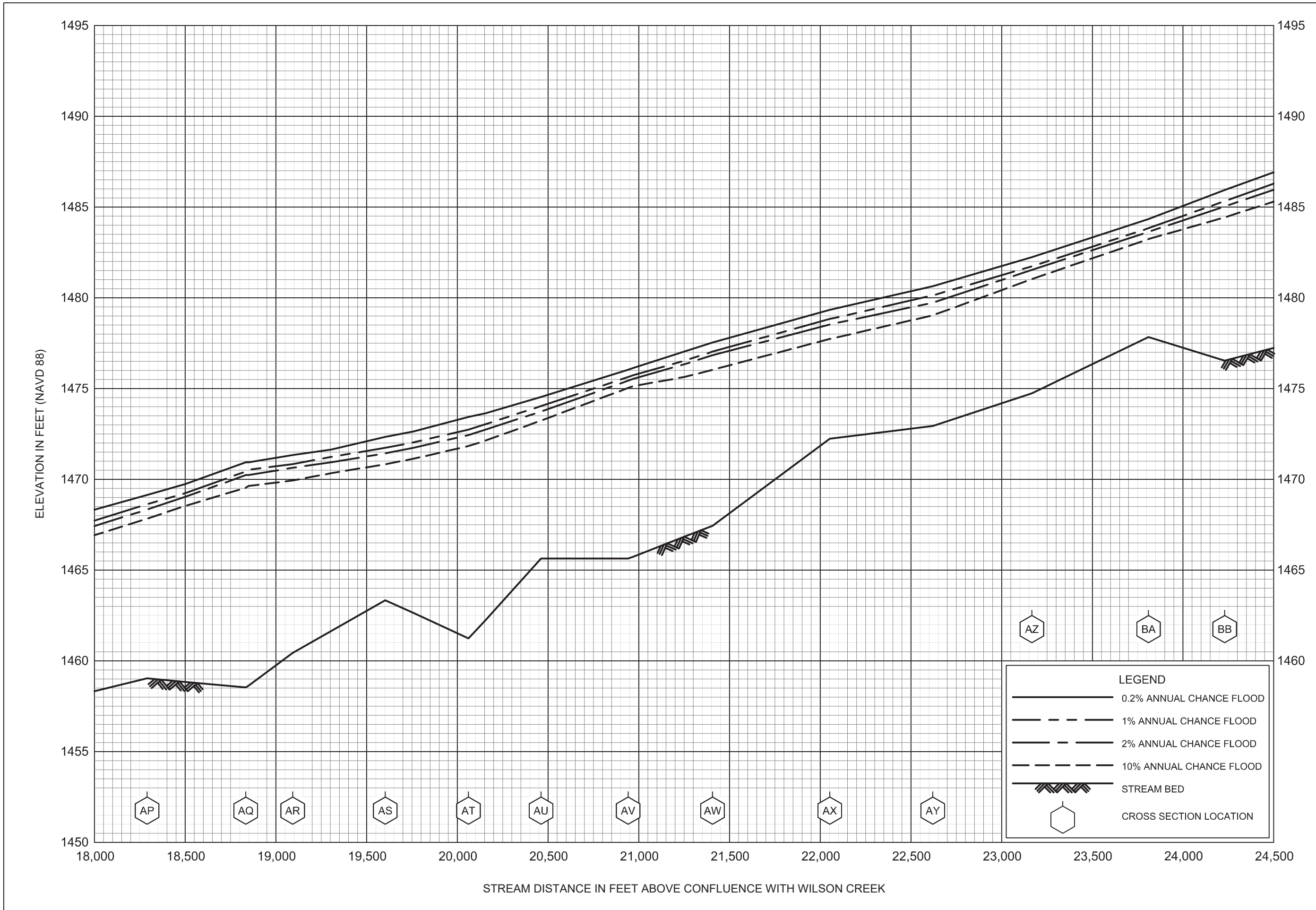


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

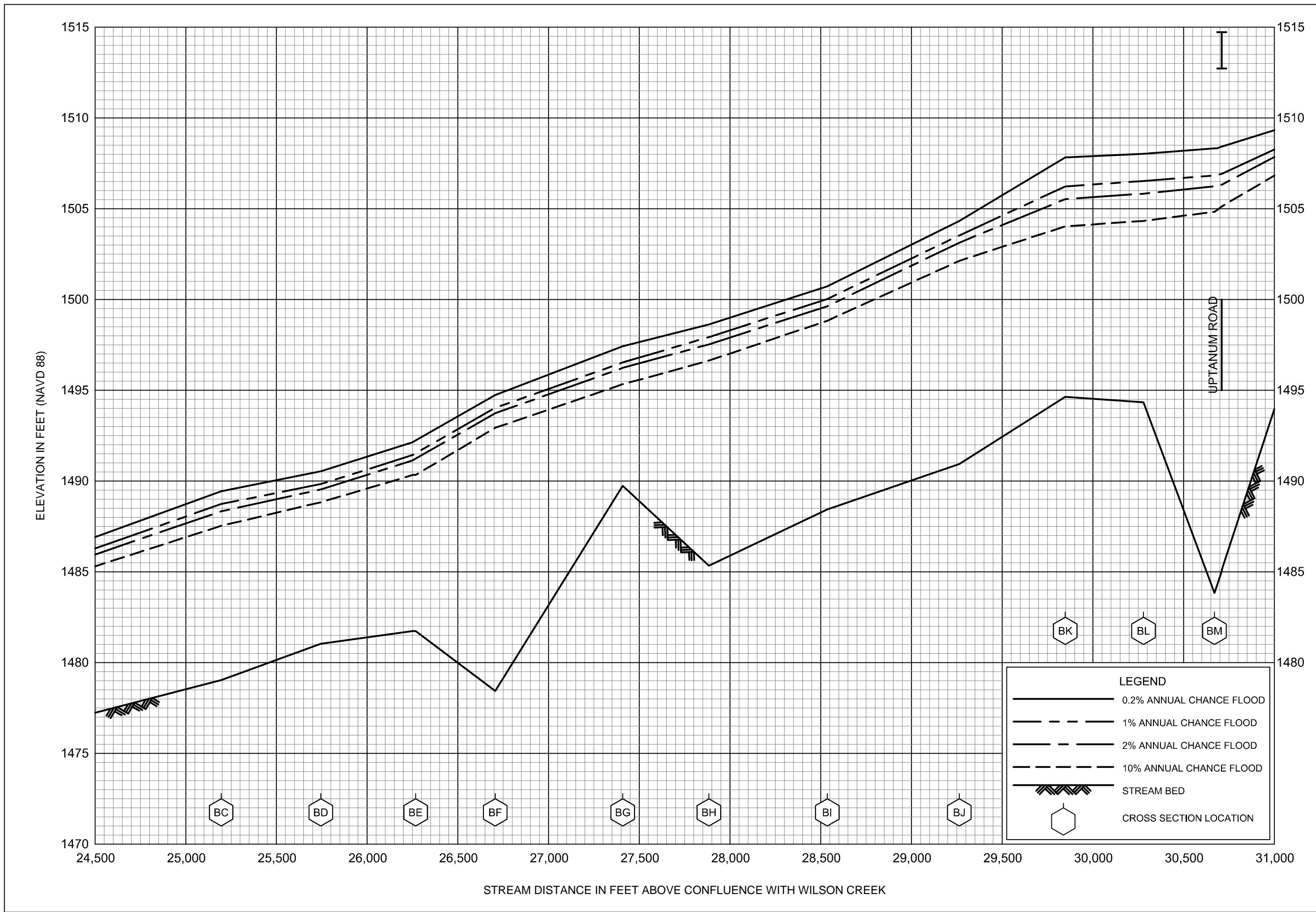


FLOOD PROFILES

YAKIMA RIVER

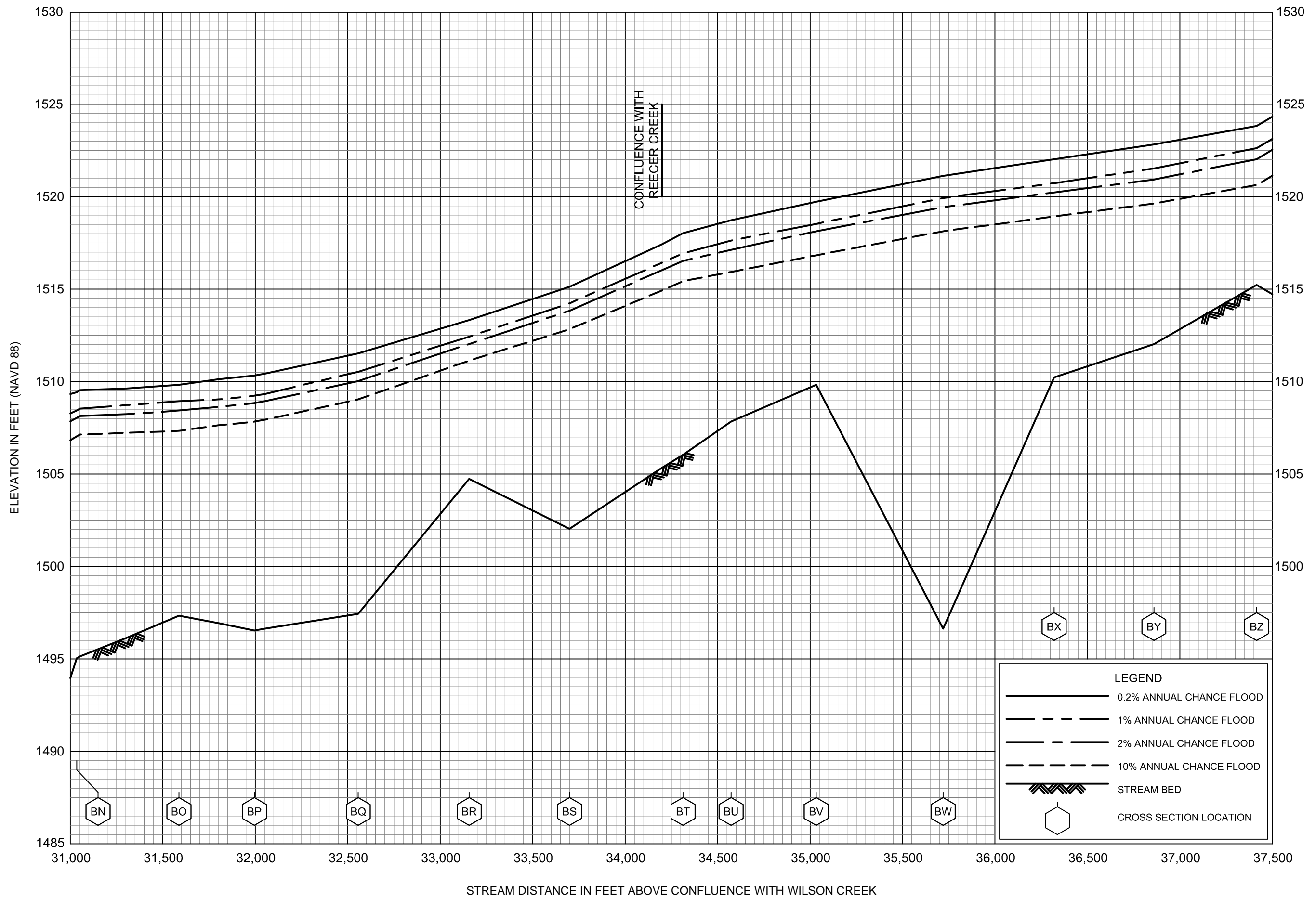
FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

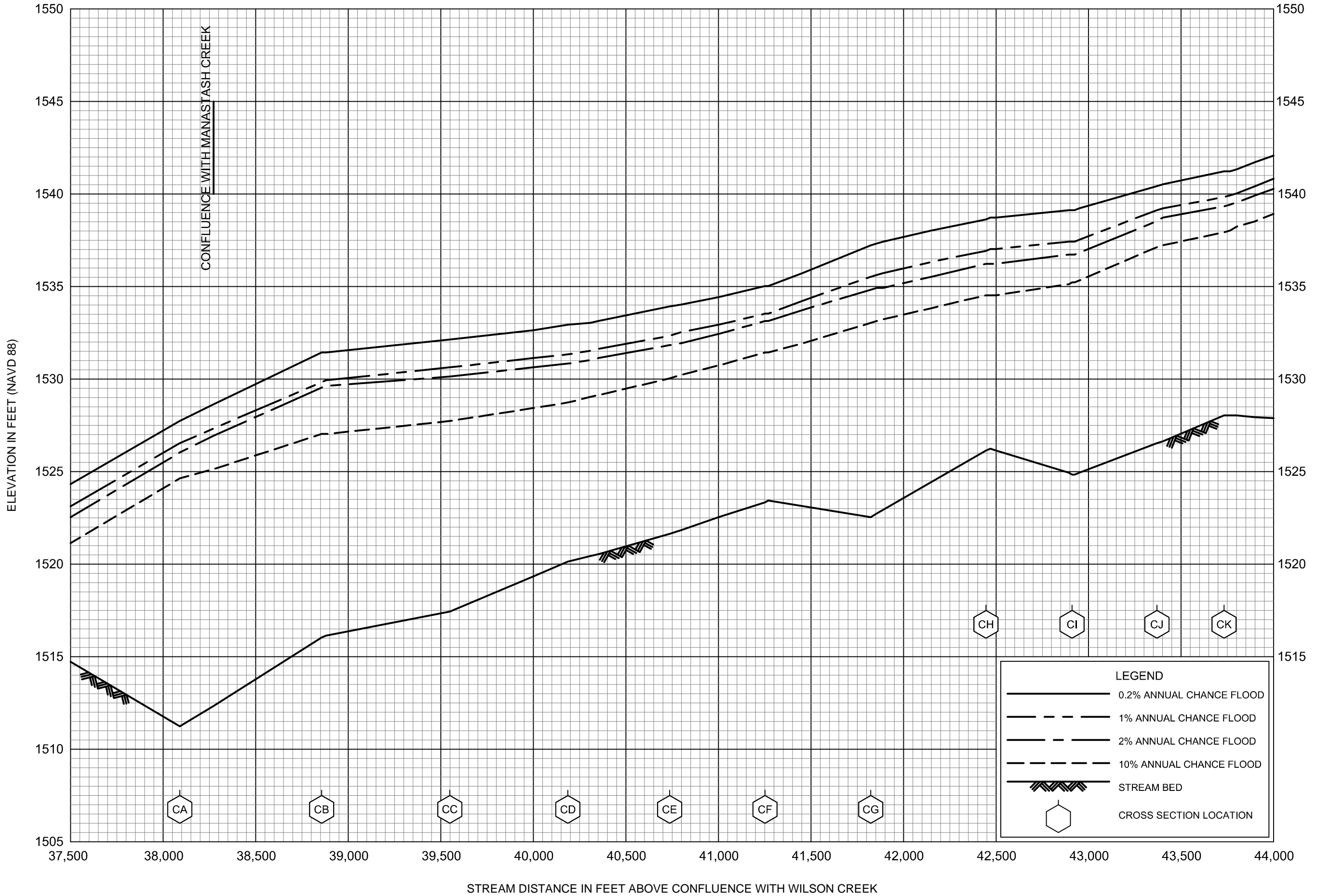


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

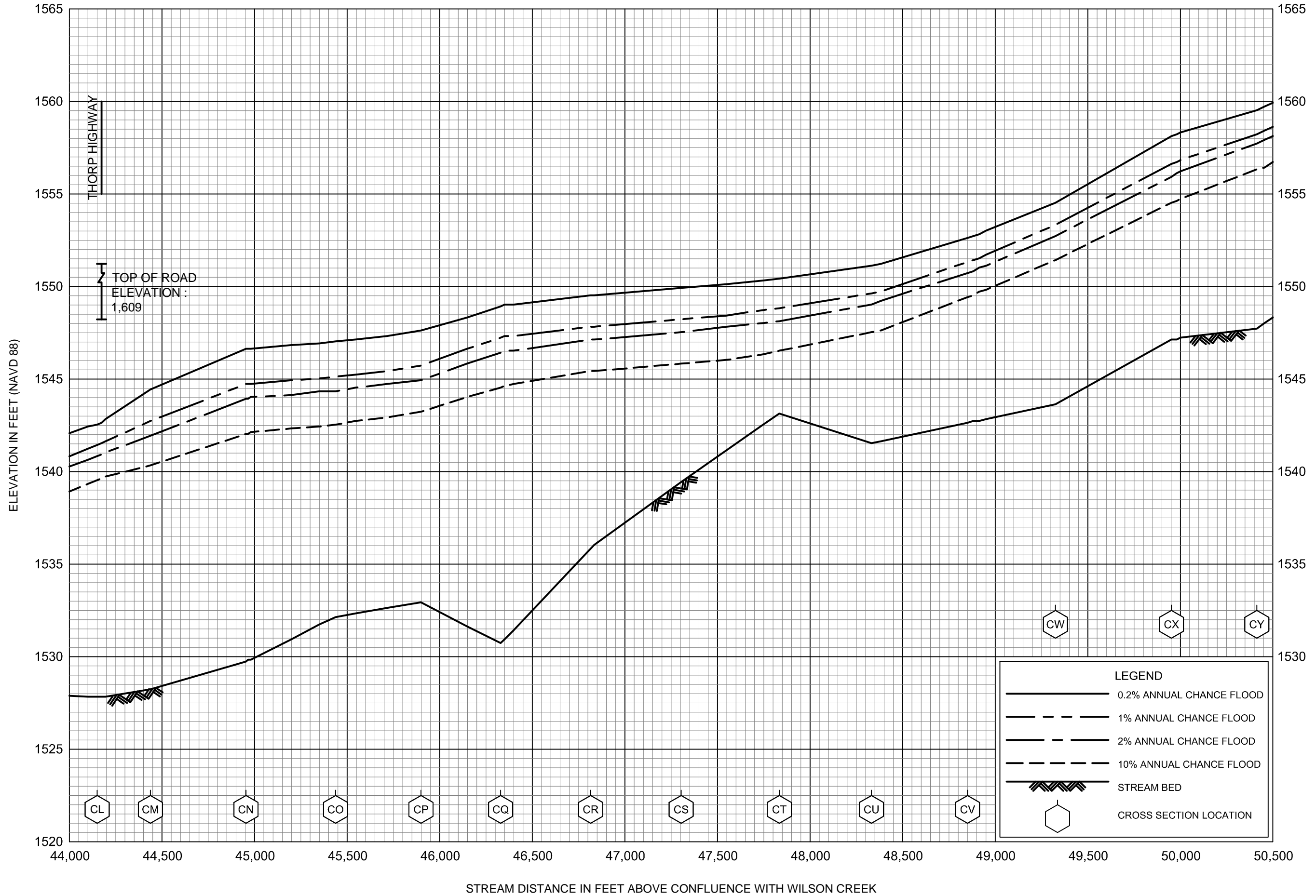


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

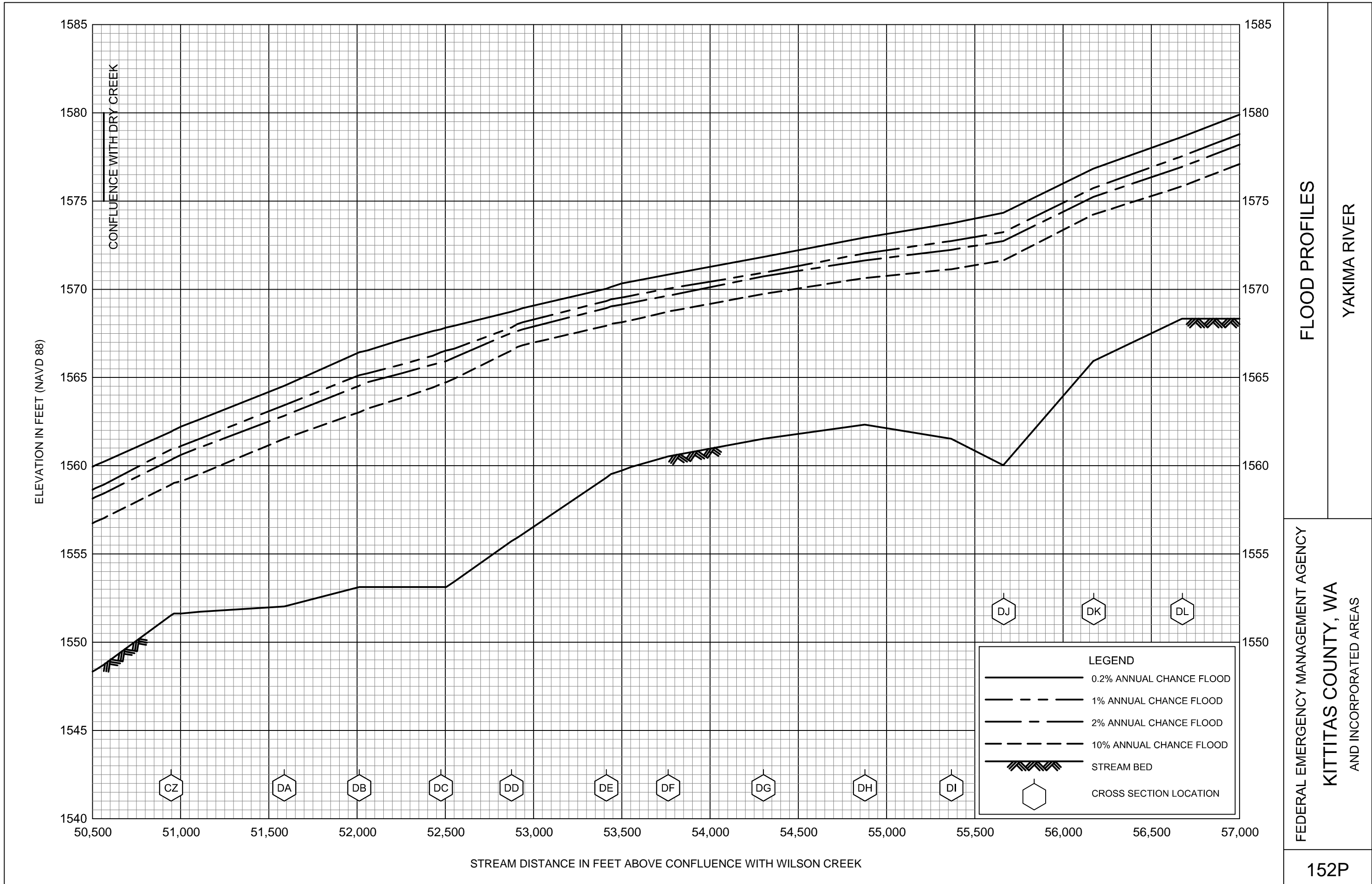


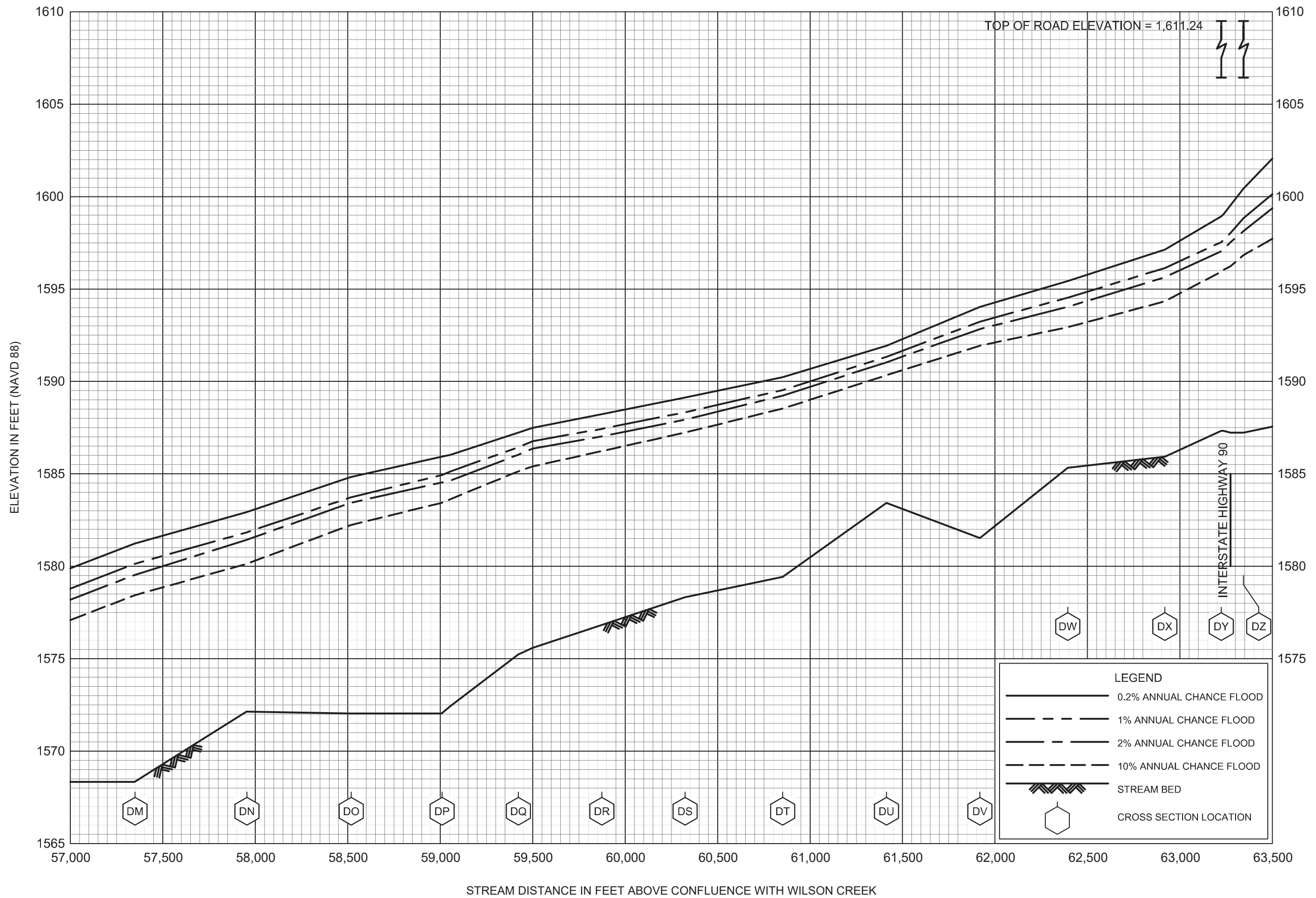
FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



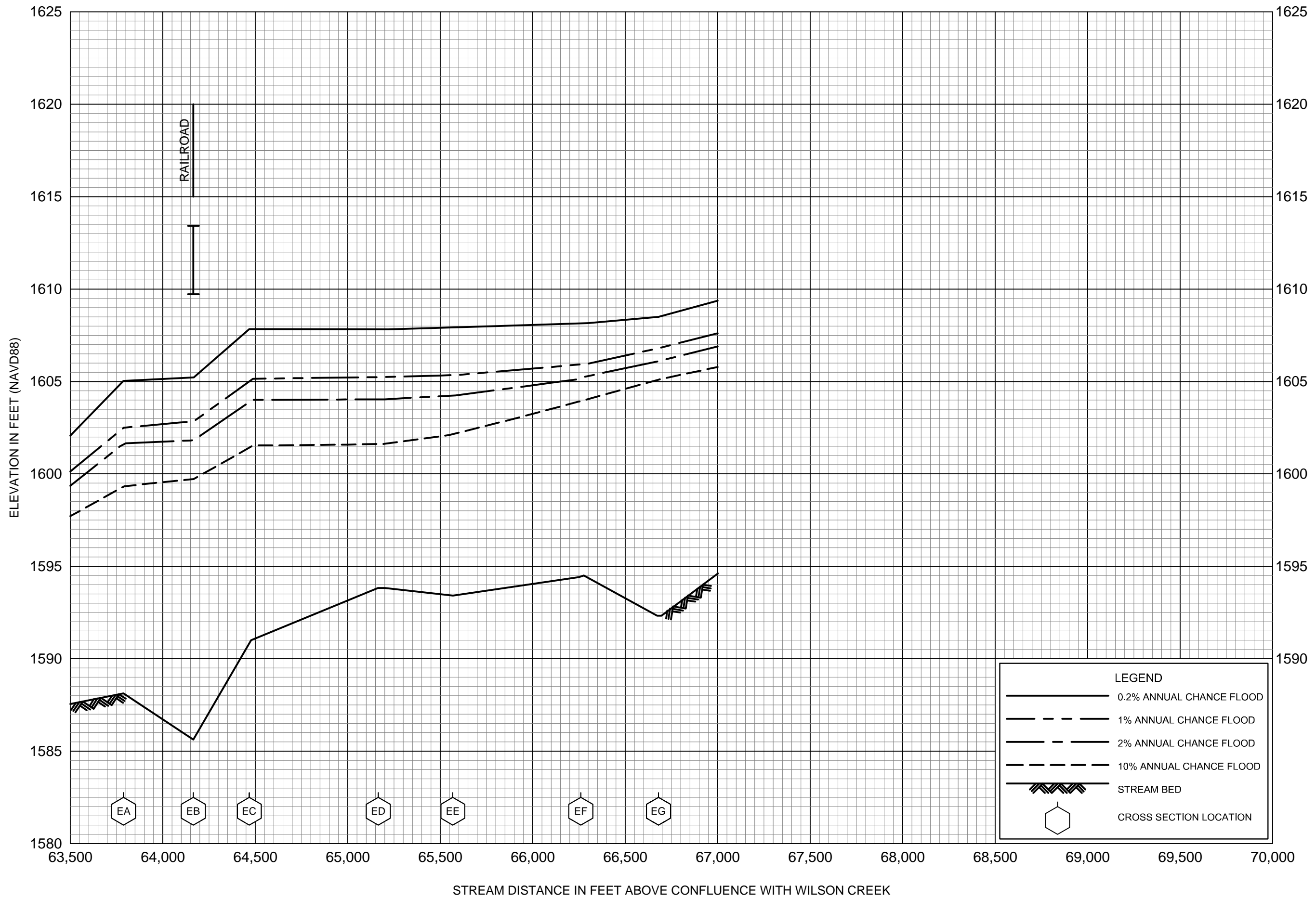


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



LEGEND

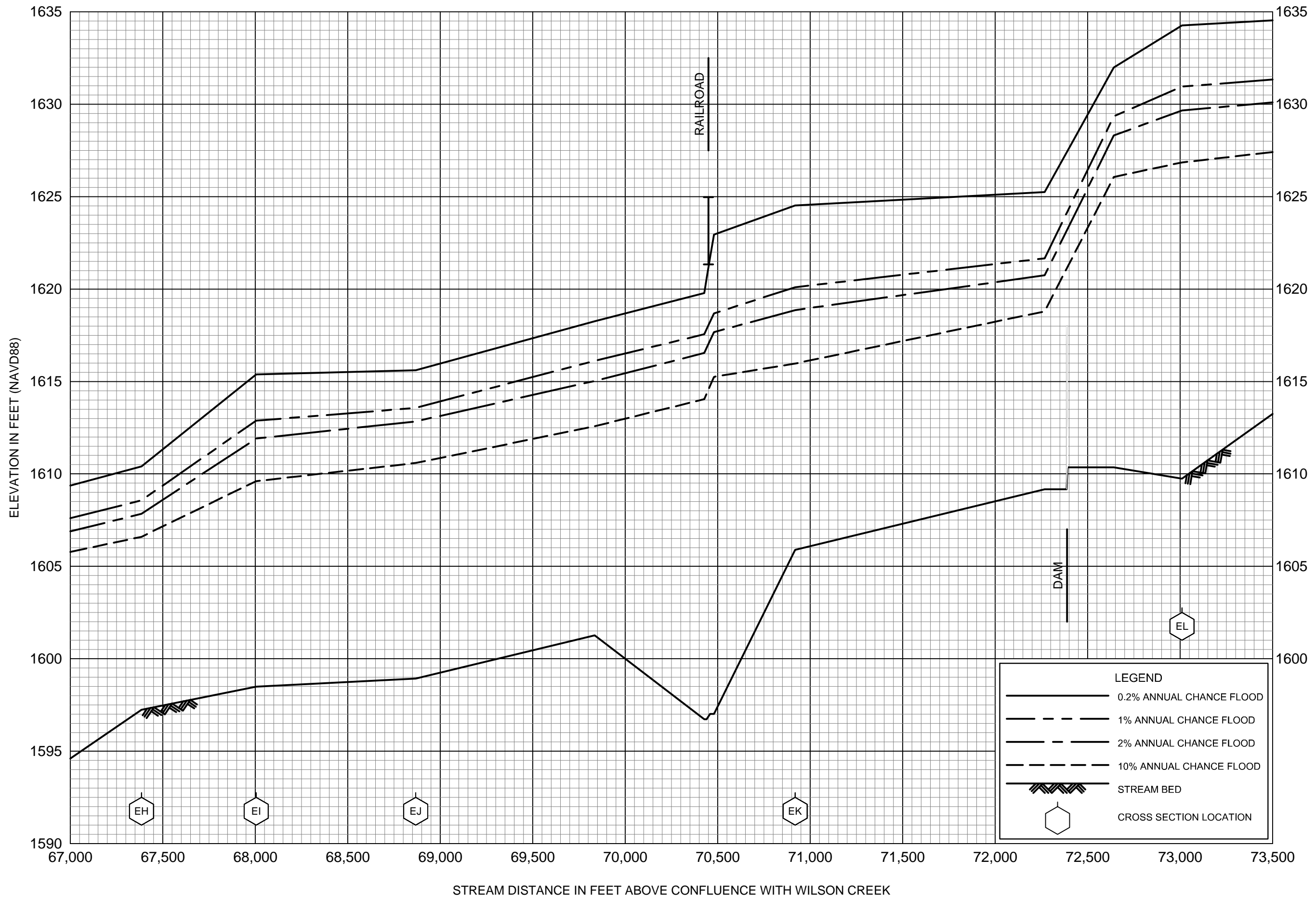
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

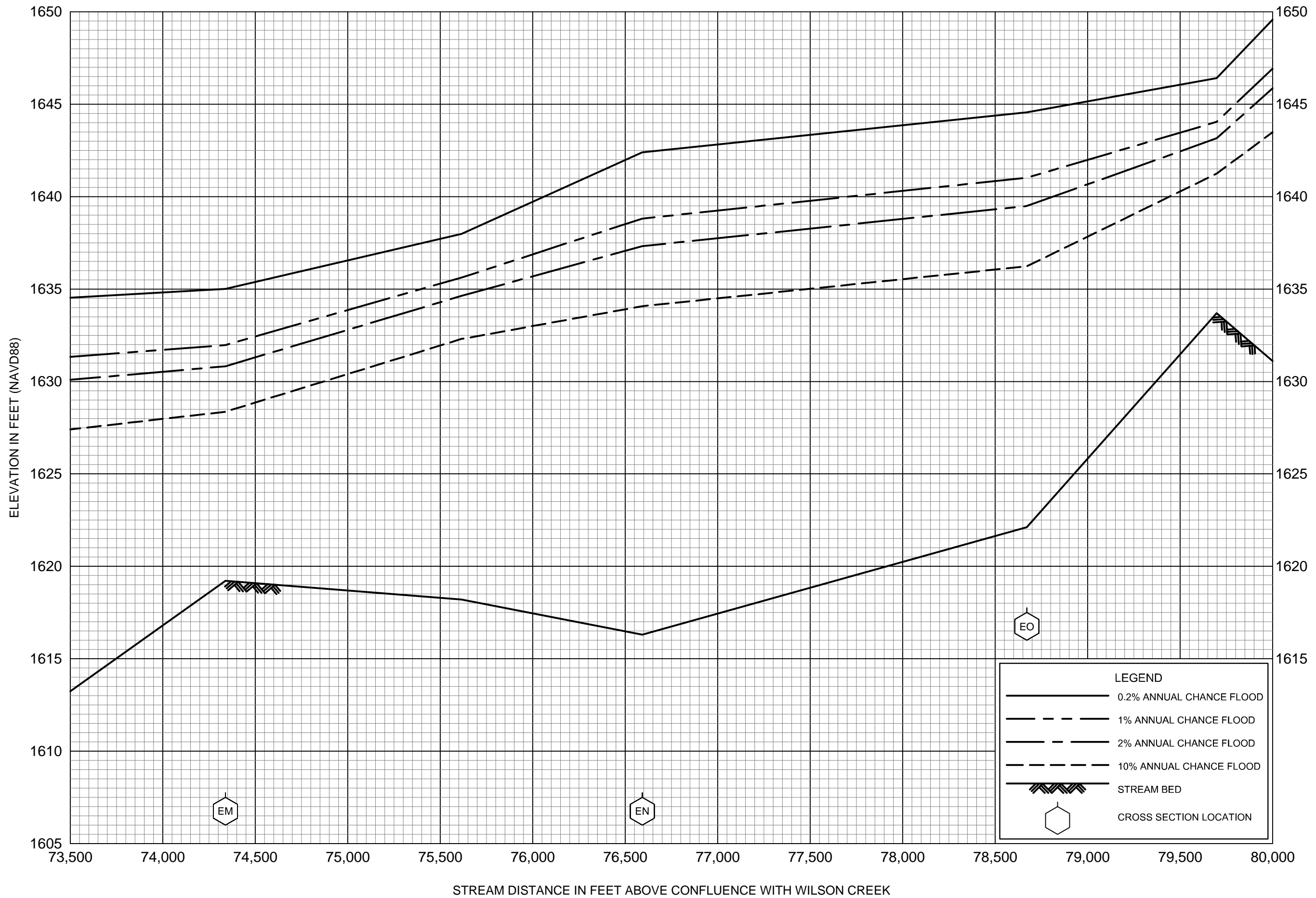


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

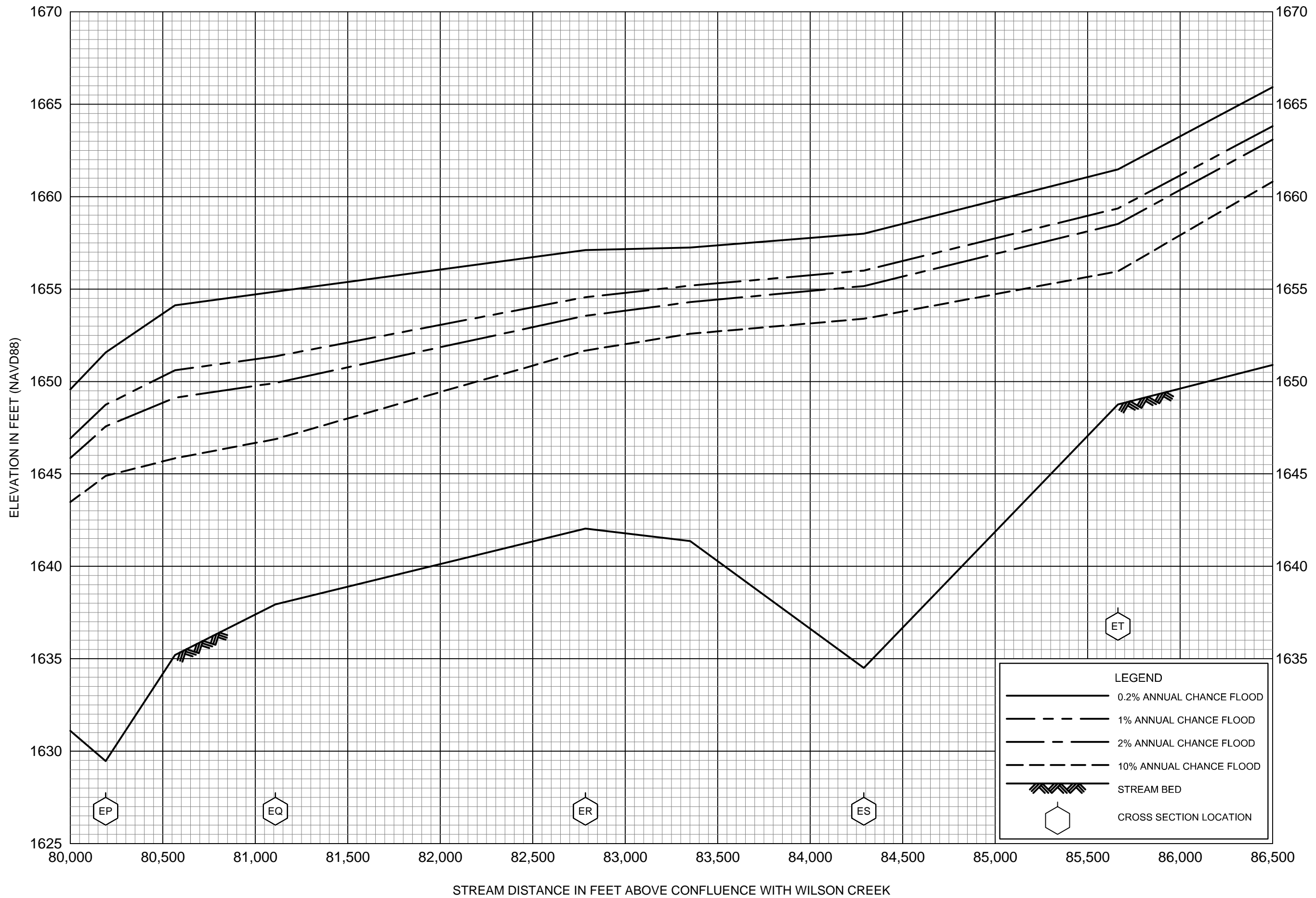


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

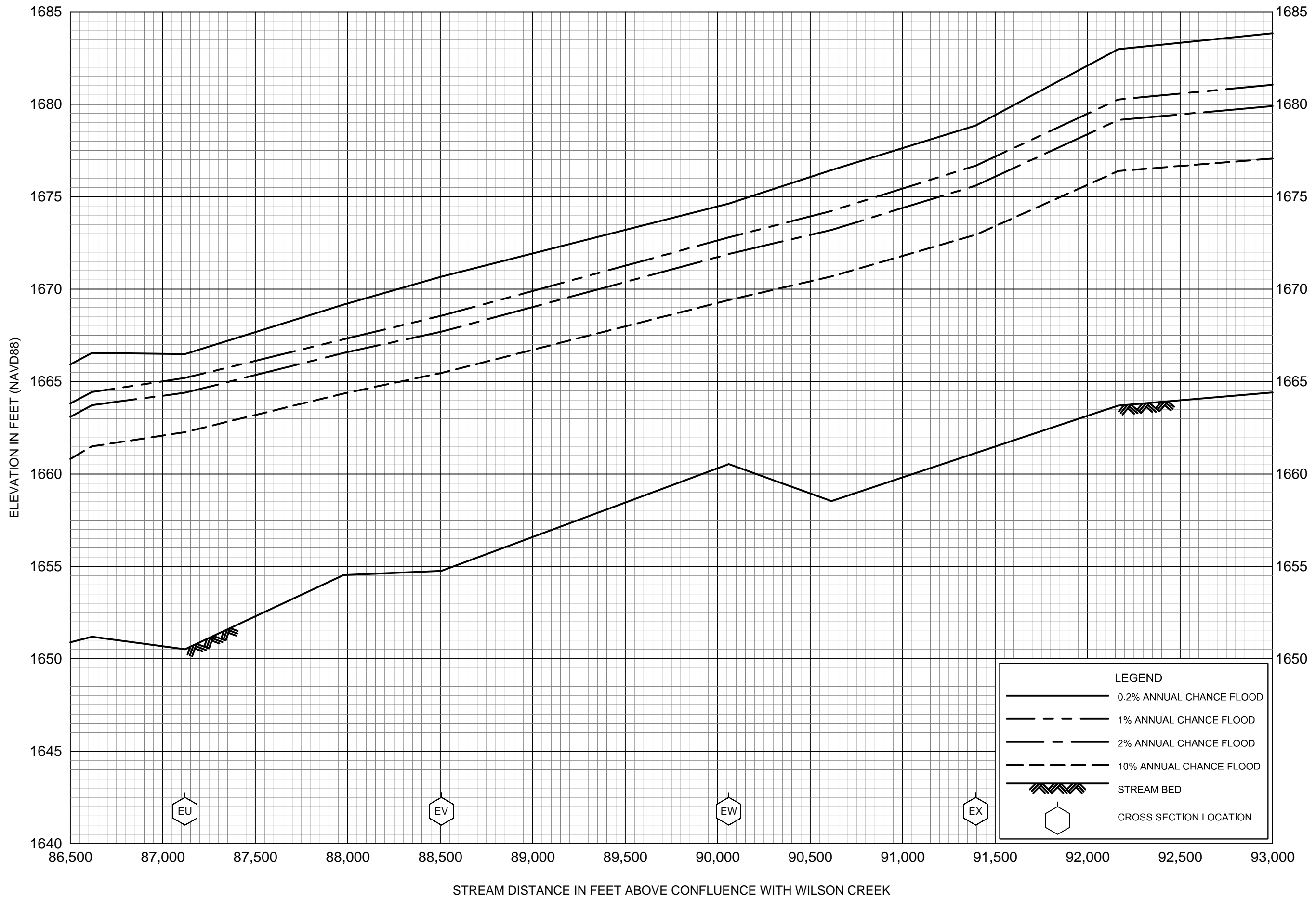


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

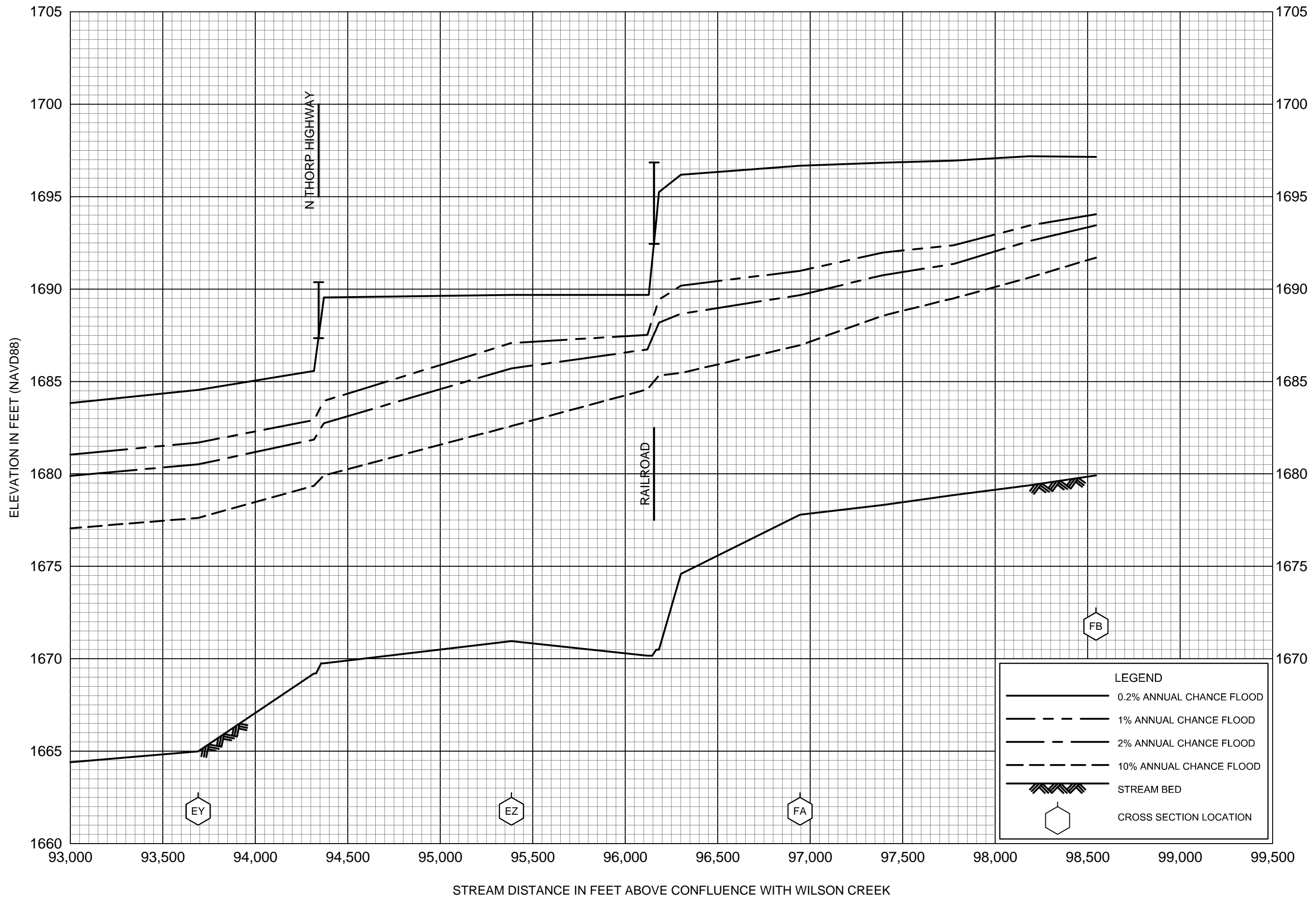


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



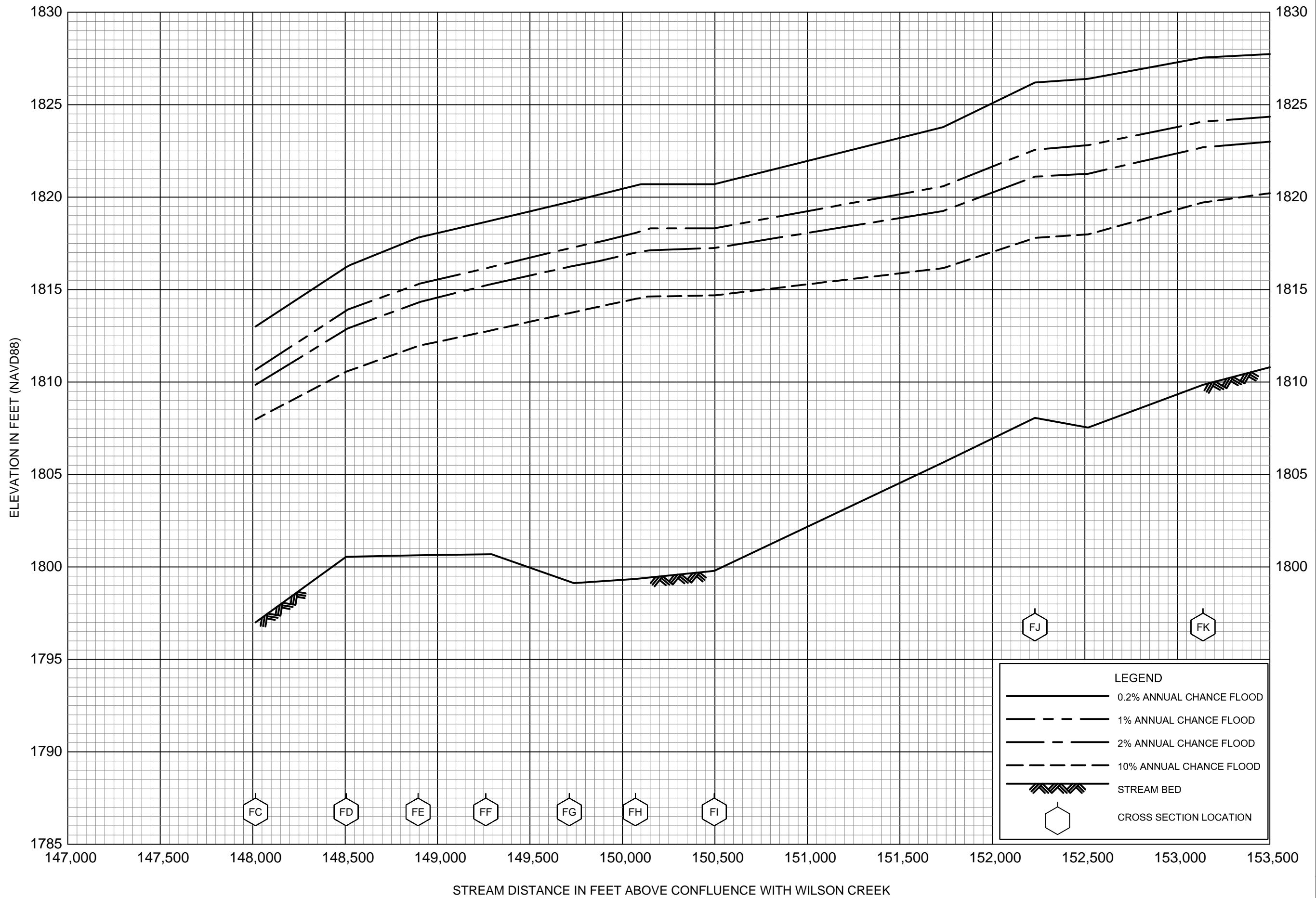
LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

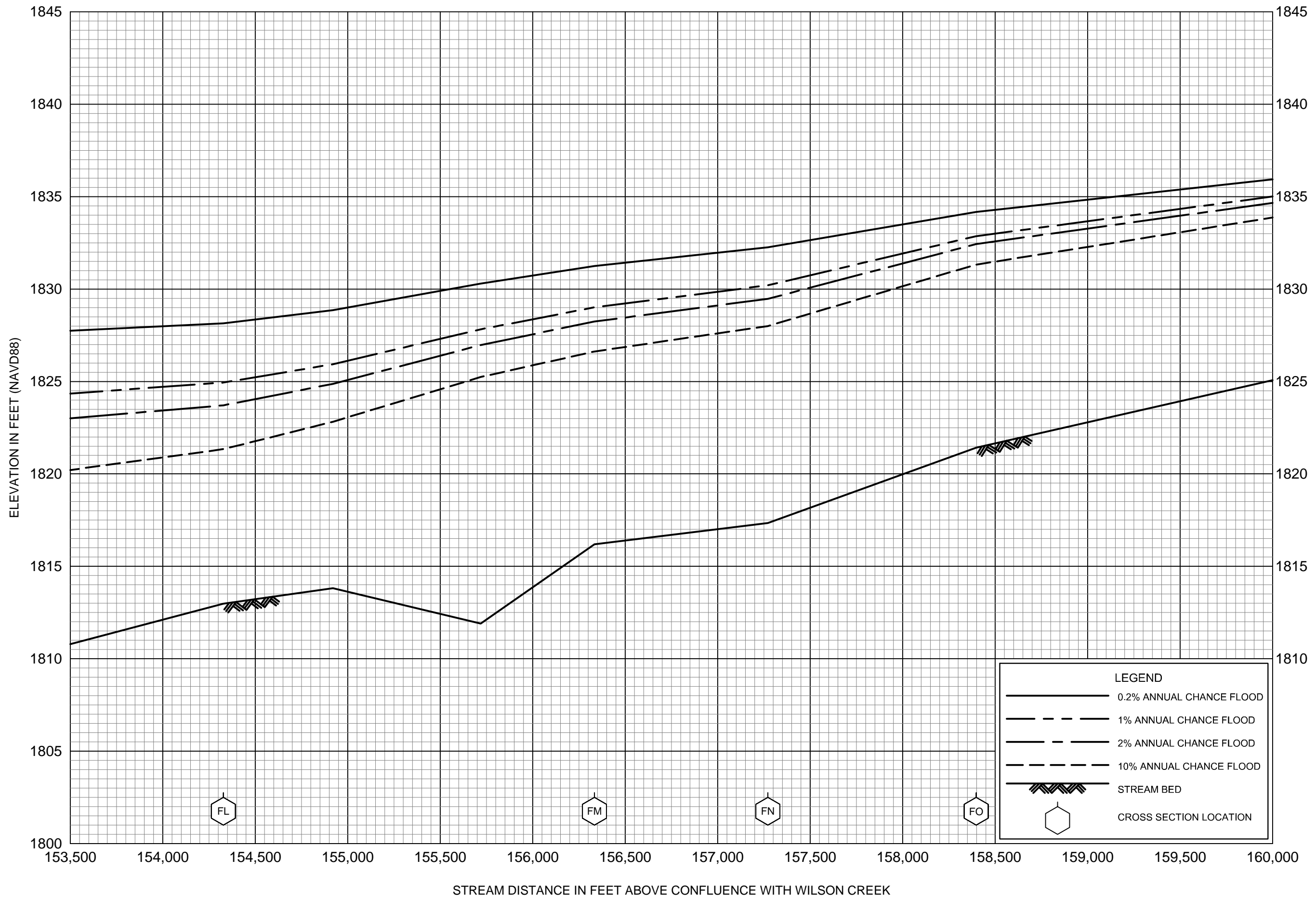


FLOOD PROFILES

YAKIMA RIVER

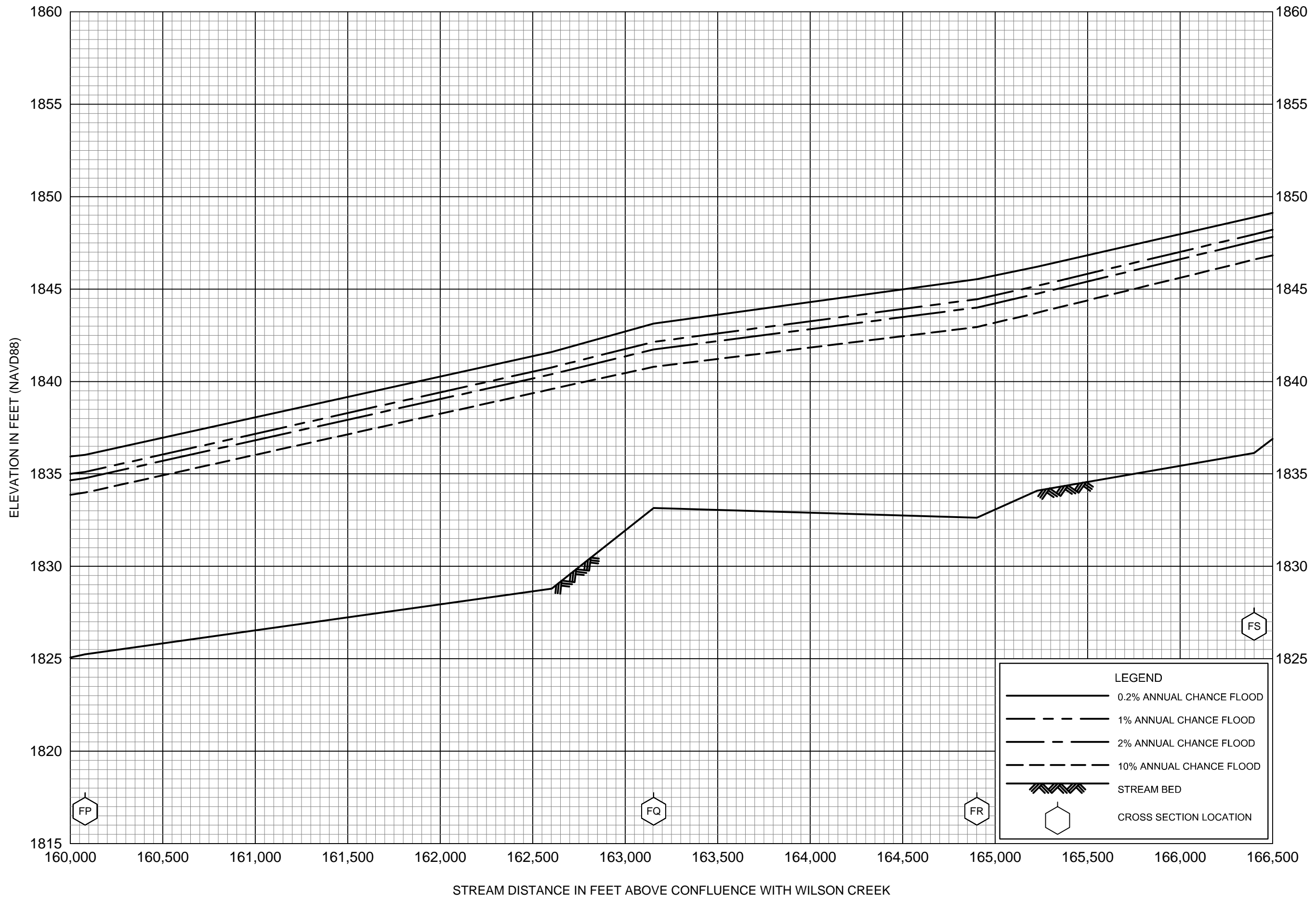
FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



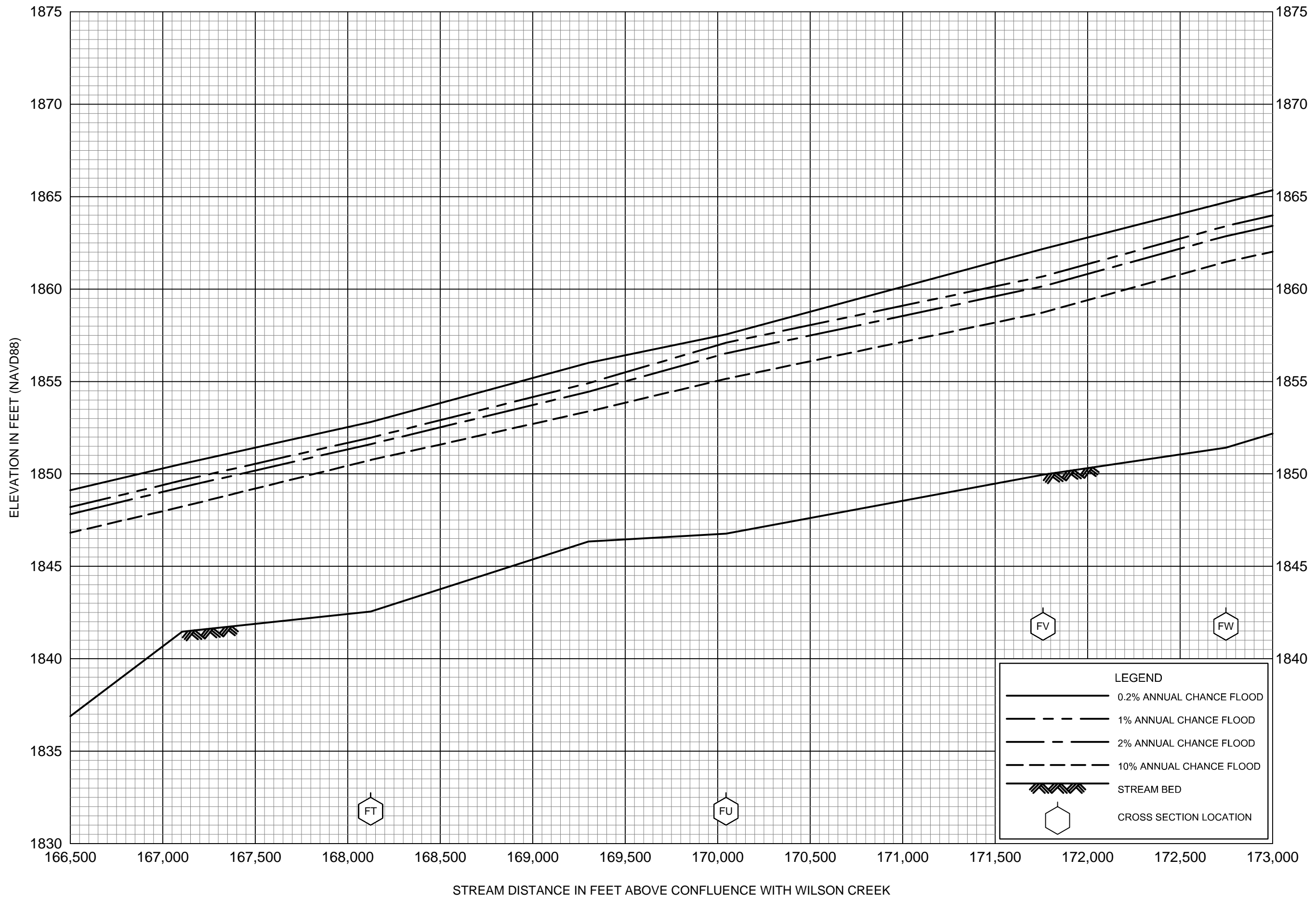
FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITITAS COUNTY, WA
AND INCORPORATED AREAS



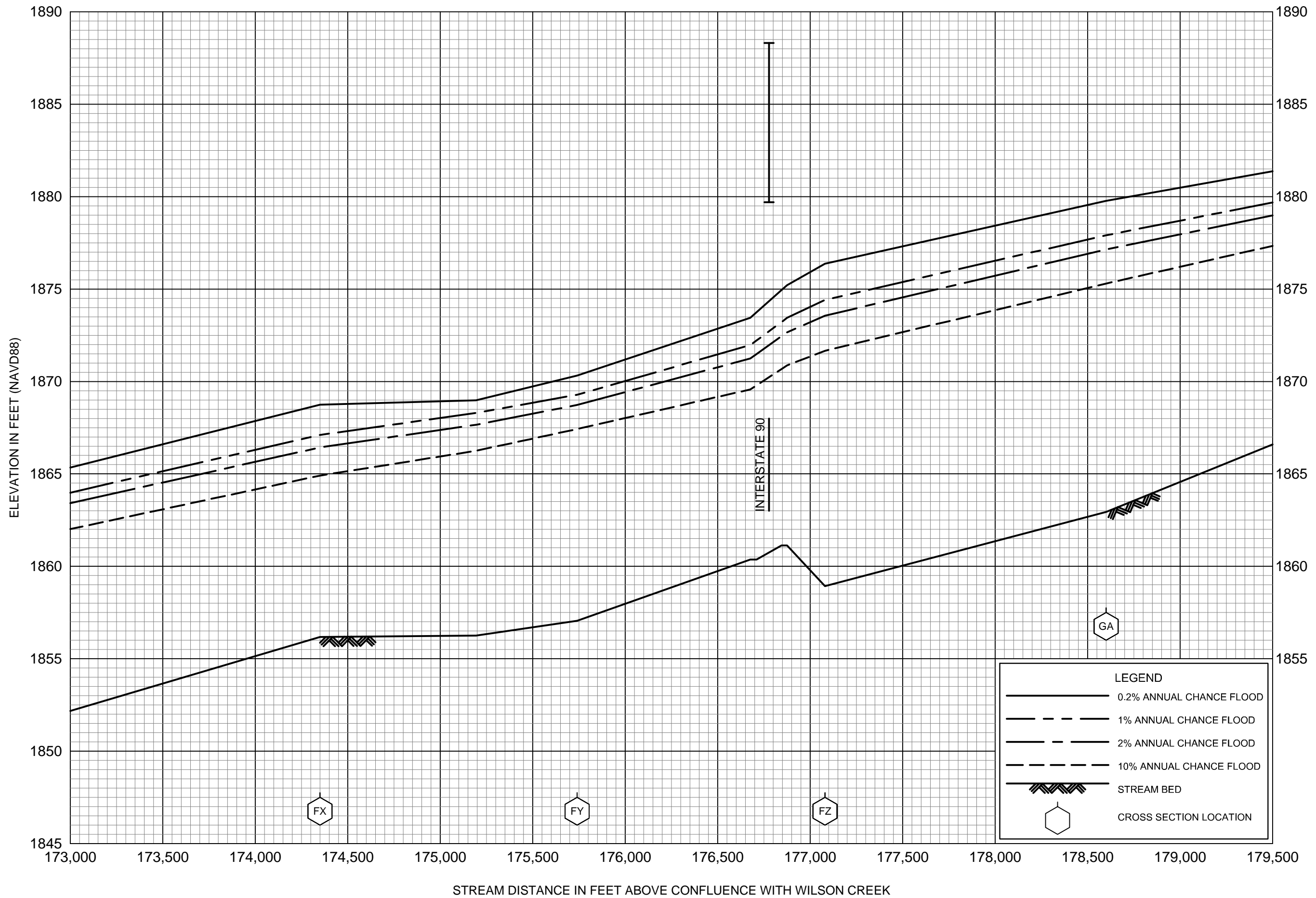
FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



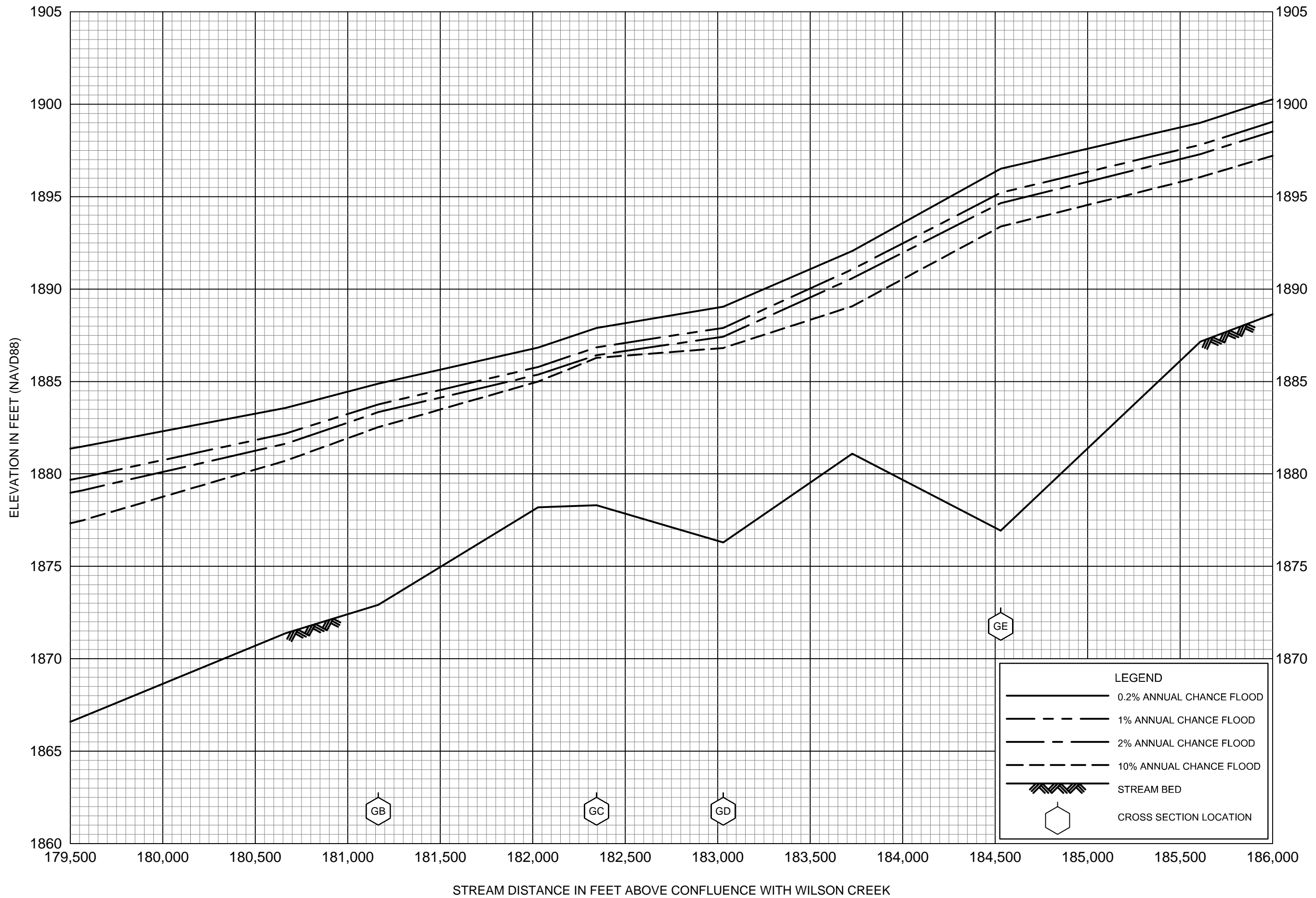
FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITITAS COUNTY, WA
AND INCORPORATED AREAS



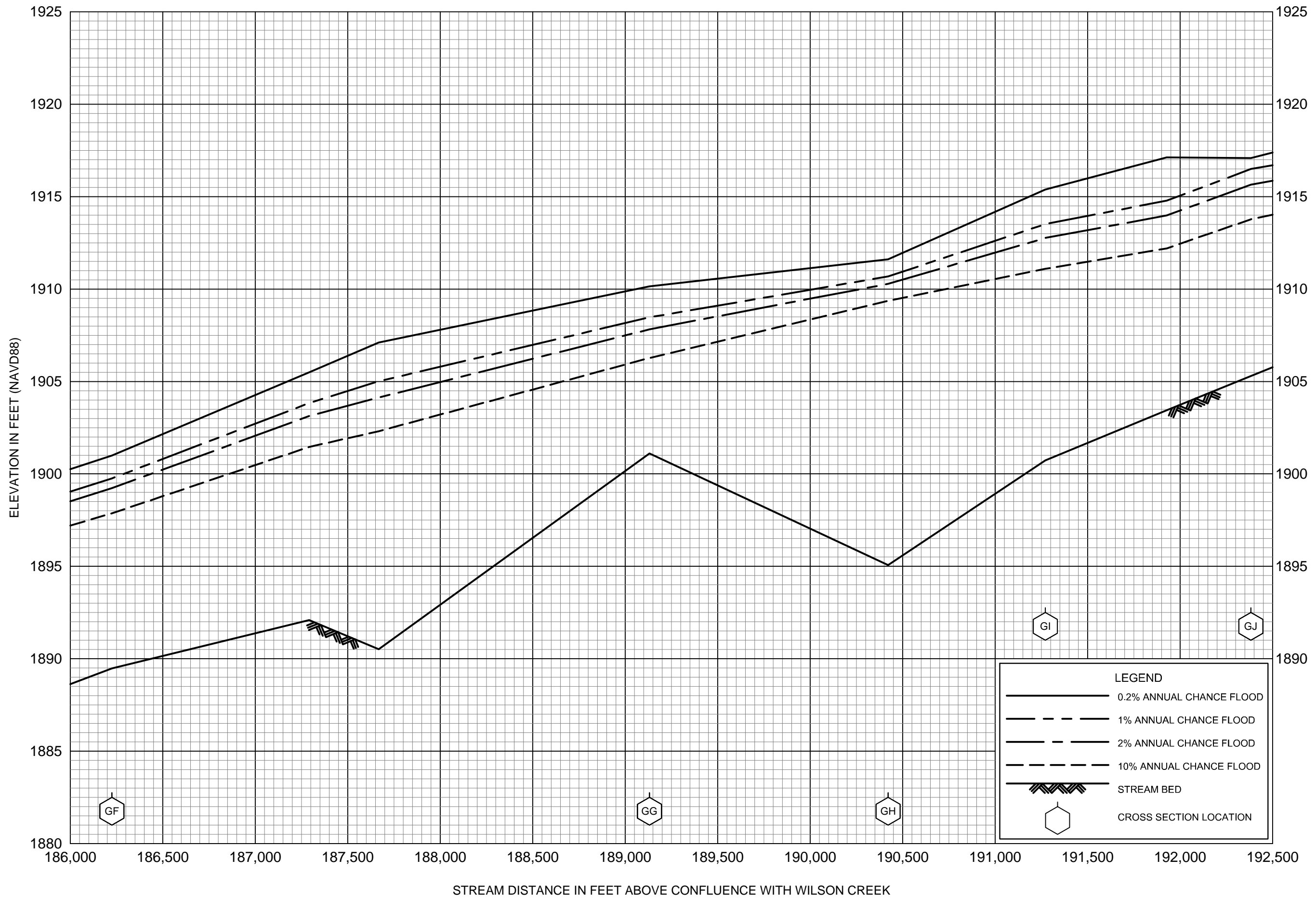
FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITITAS COUNTY, WA
AND INCORPORATED AREAS



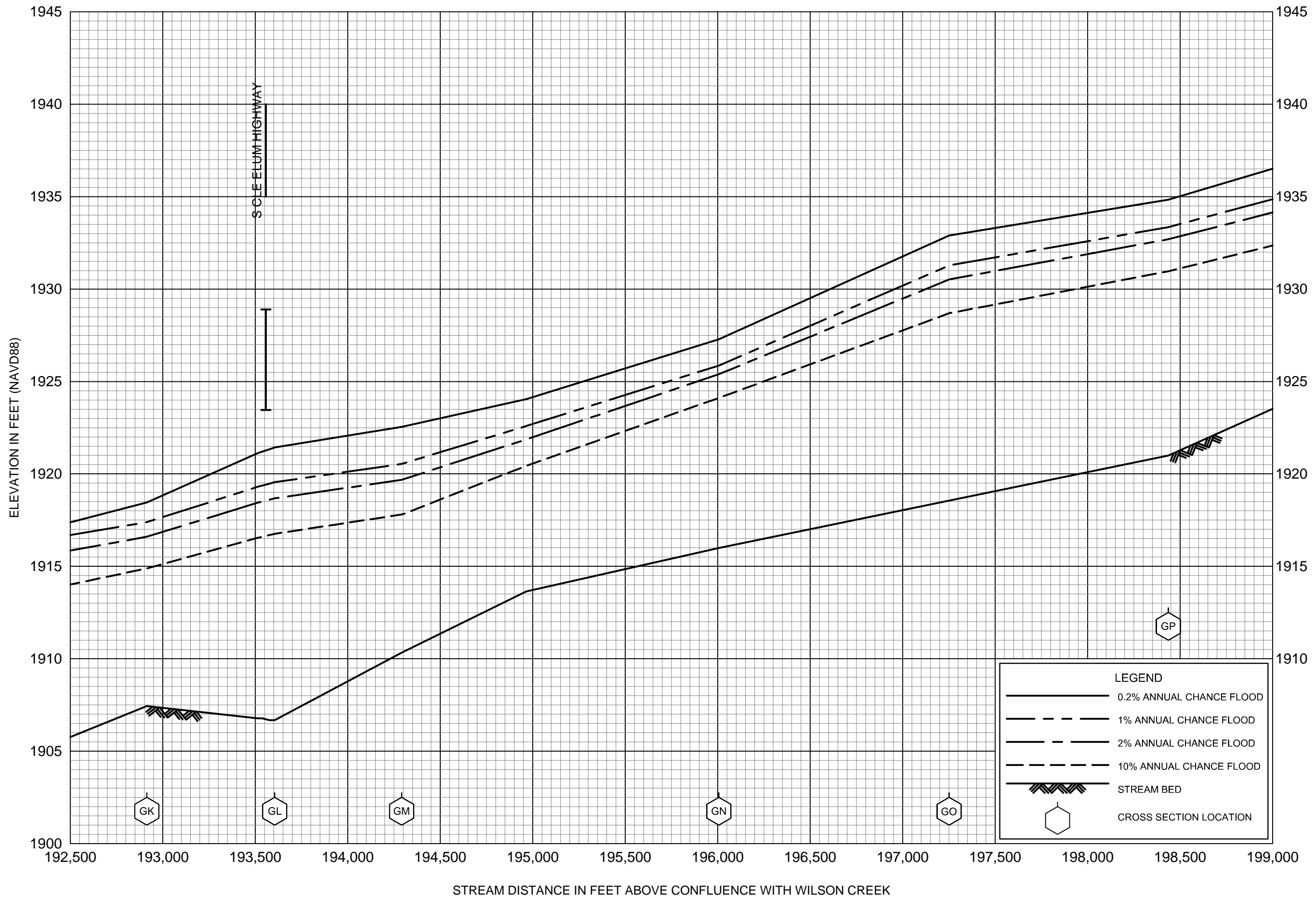
FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITITAS COUNTY, WA
AND INCORPORATED AREAS

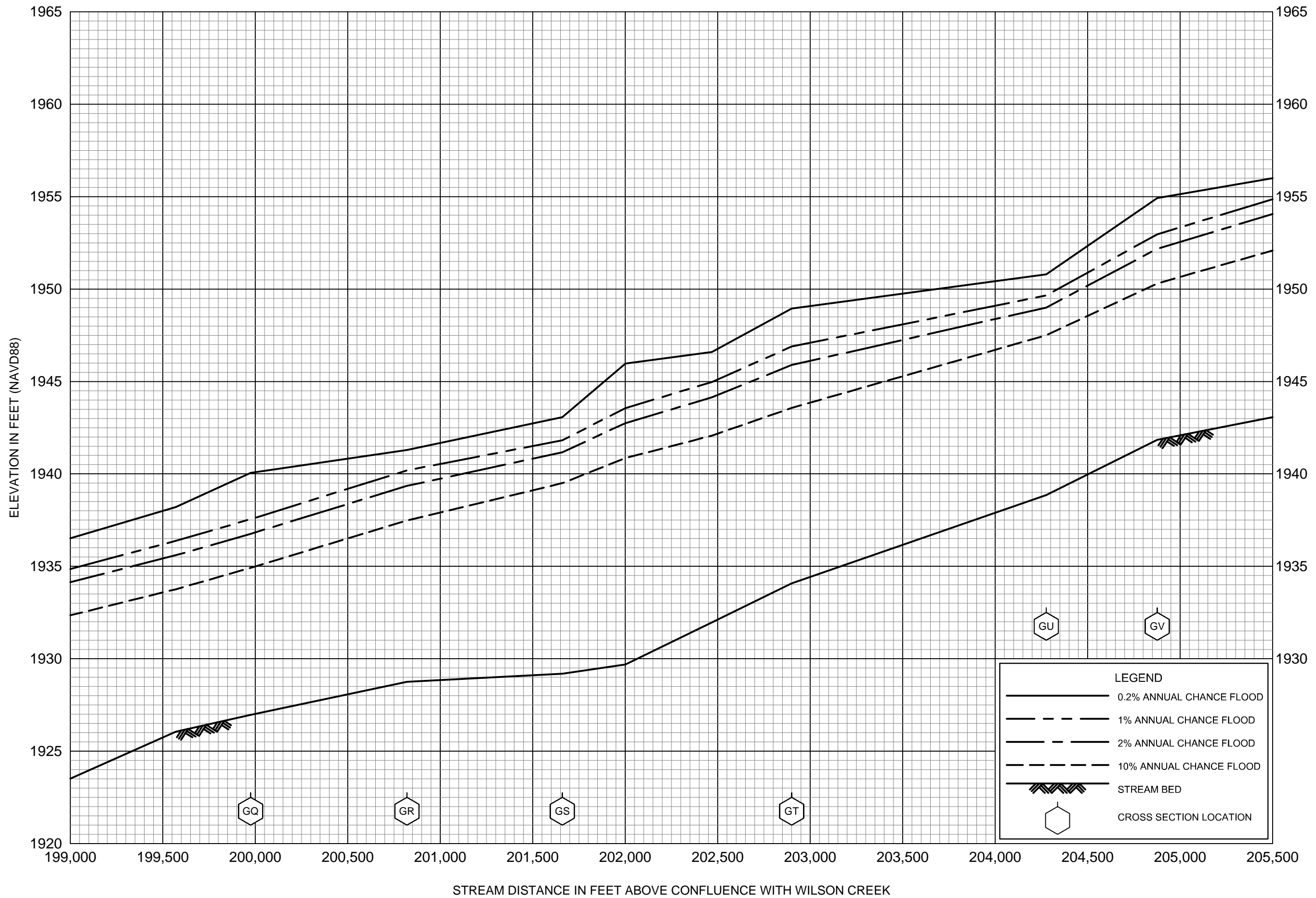


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

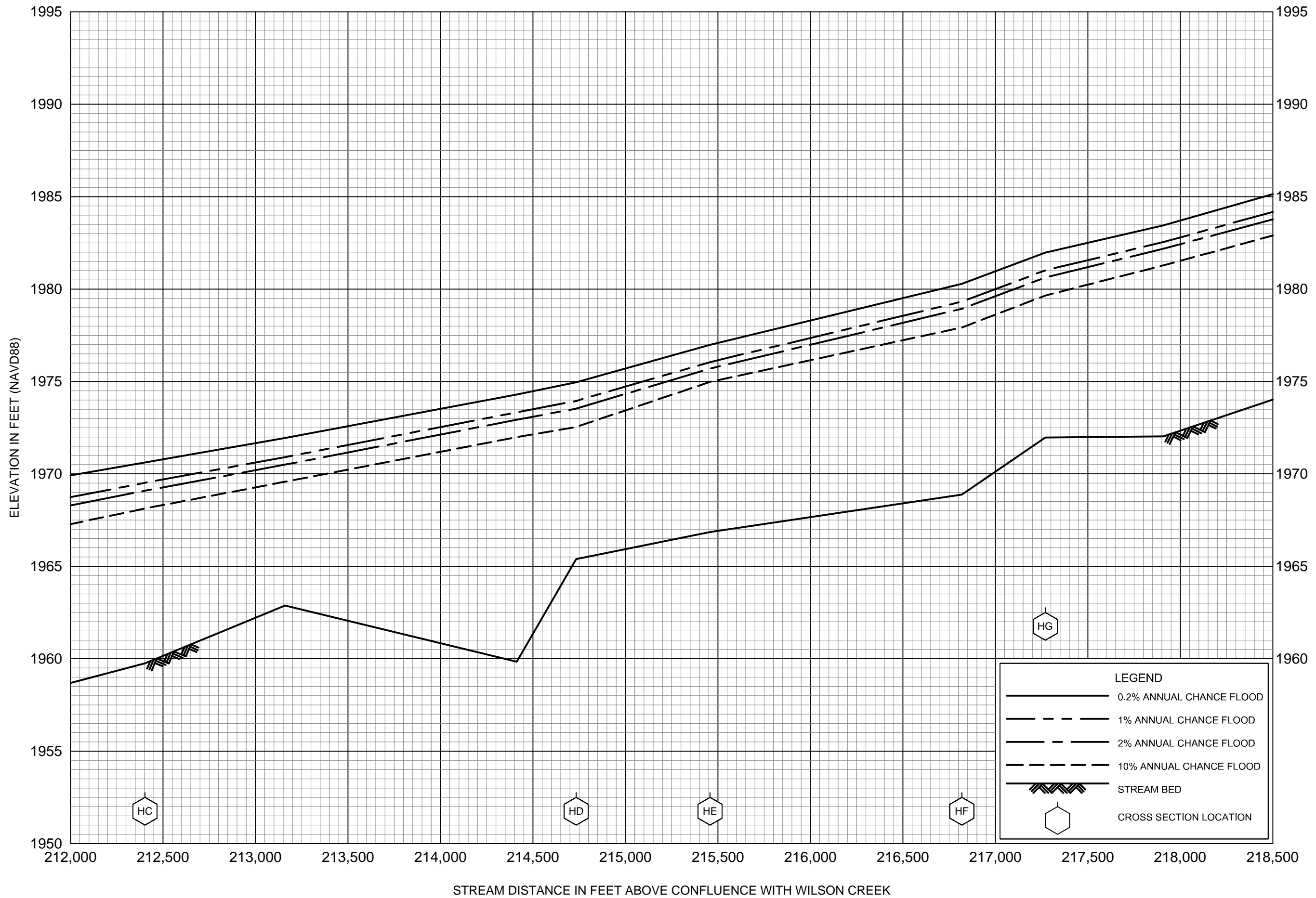
KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES

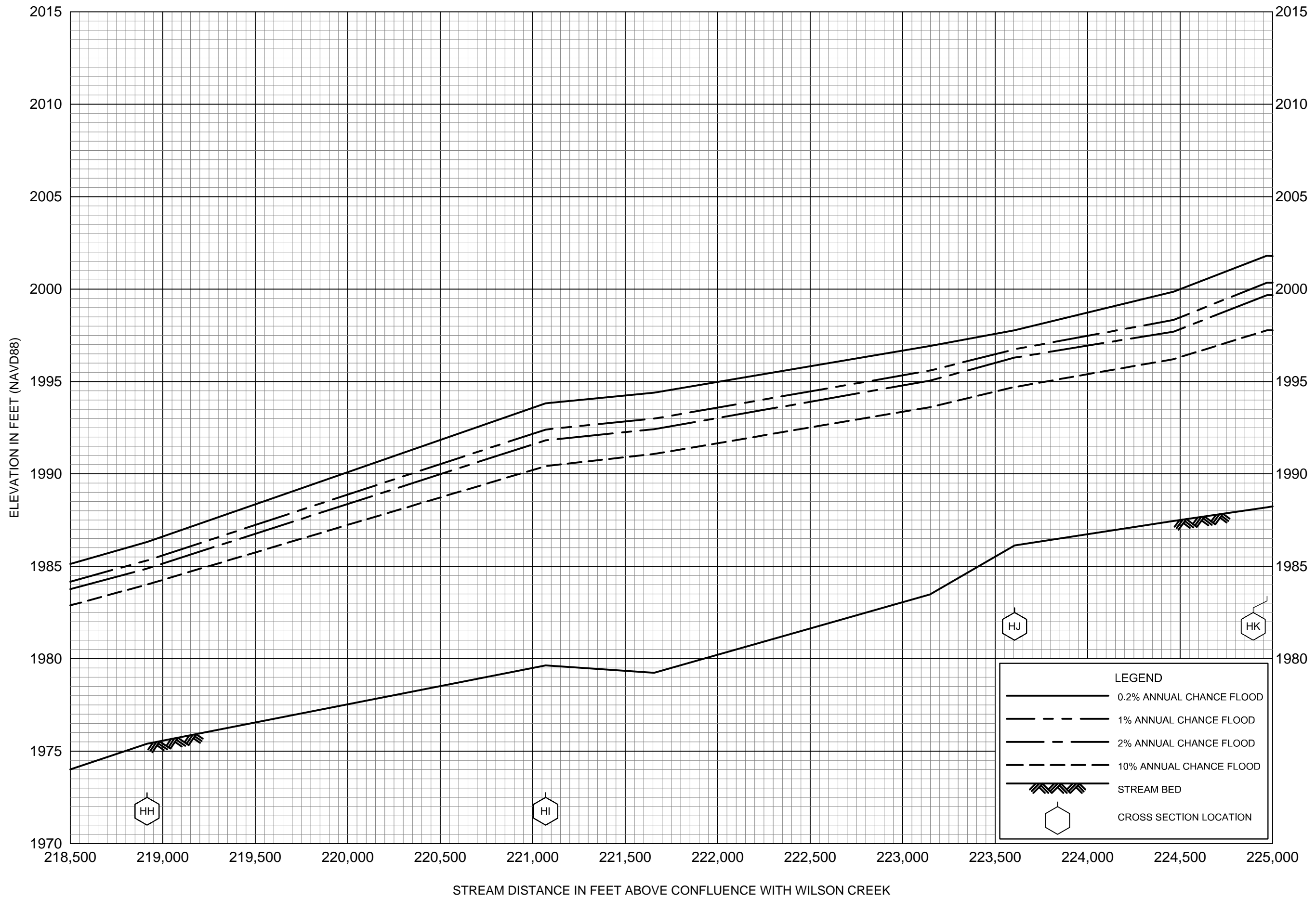
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
 KITTITAS COUNTY, WA
 AND INCORPORATED AREAS



FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

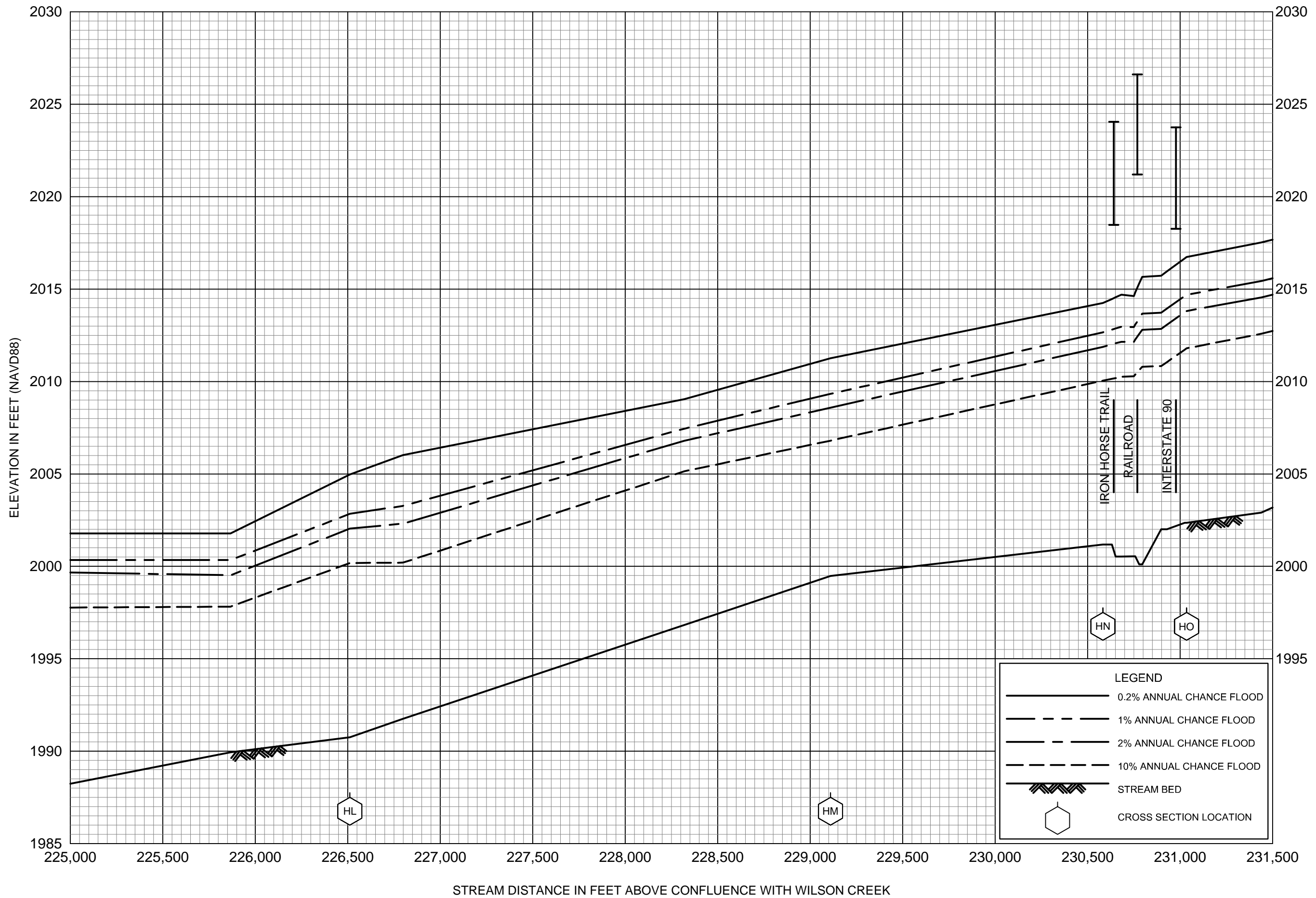


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY







KITTITAS COUNTY, WA
AND INCORPORATED AREAS

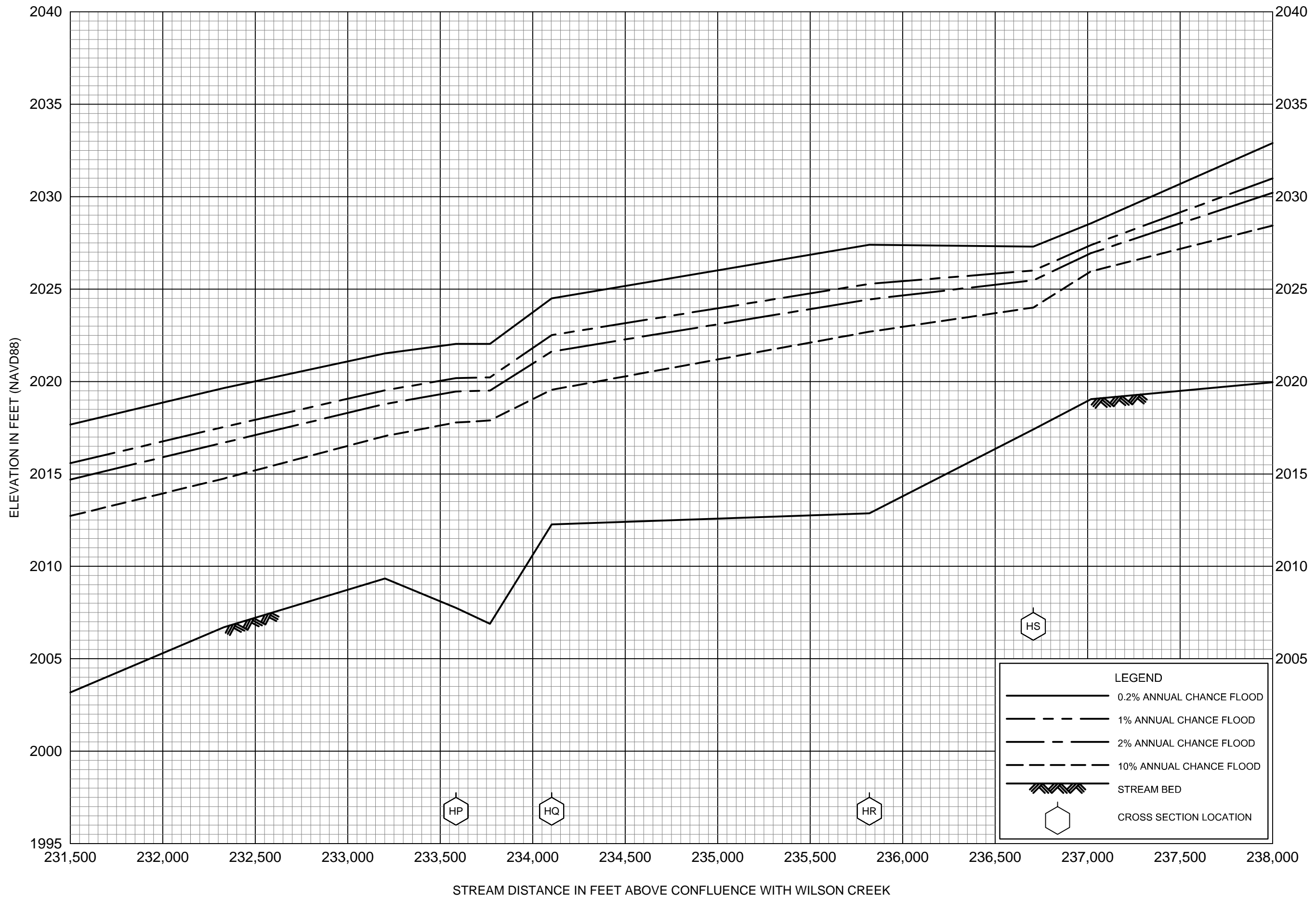


FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITITAS COUNTY, WA
AND INCORPORATED AREAS







LEGEND

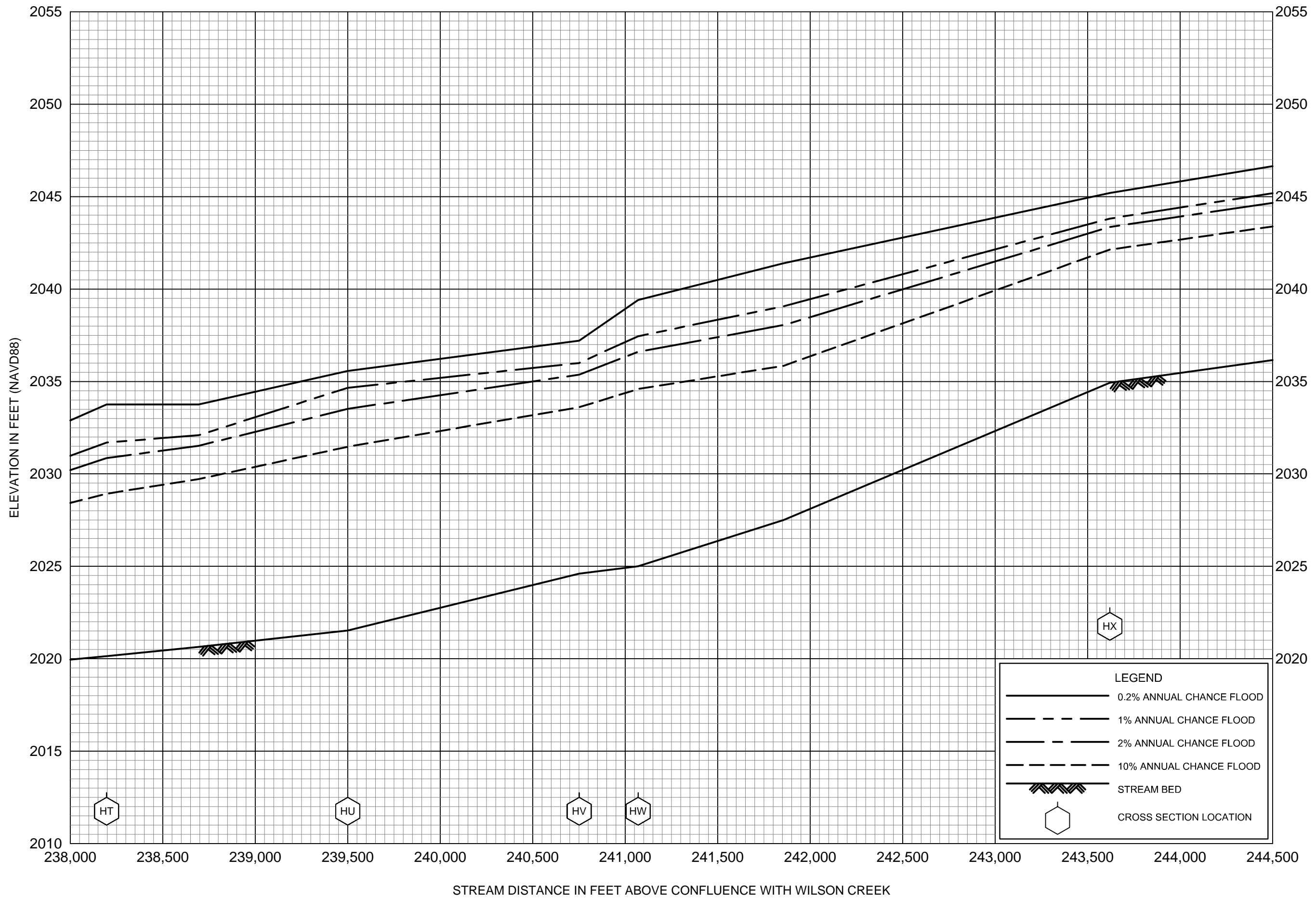
-  0.2% ANNUAL CHANCE FLOOD
-  1% ANNUAL CHANCE FLOOD
-  2% ANNUAL CHANCE FLOOD
-  10% ANNUAL CHANCE FLOOD
-  STREAM BED
-  CROSS SECTION LOCATION



FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITITAS COUNTY, WA
AND INCORPORATED AREAS

LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION



LEGEND

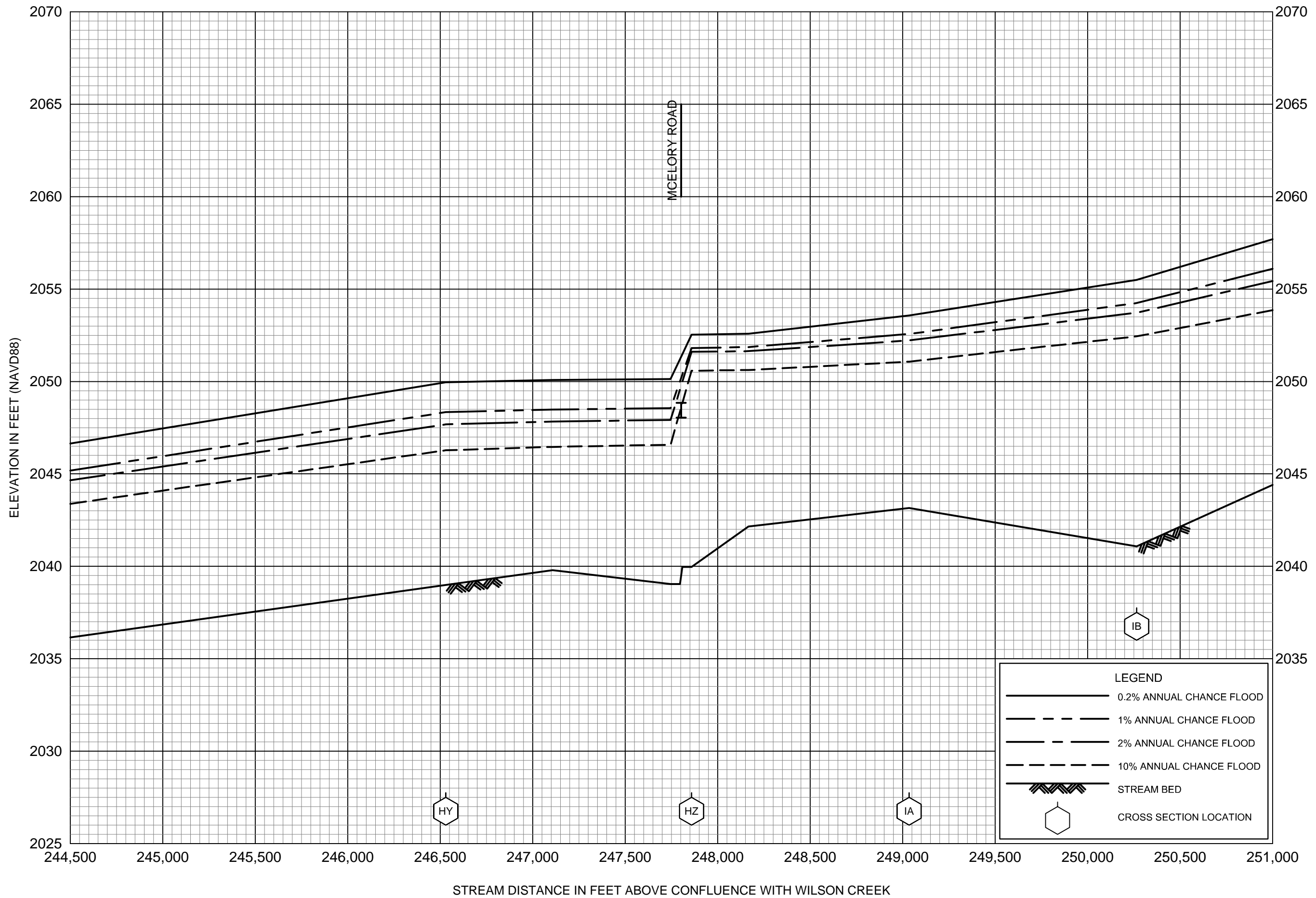
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITITAS COUNTY, WA
AND INCORPORATED AREAS

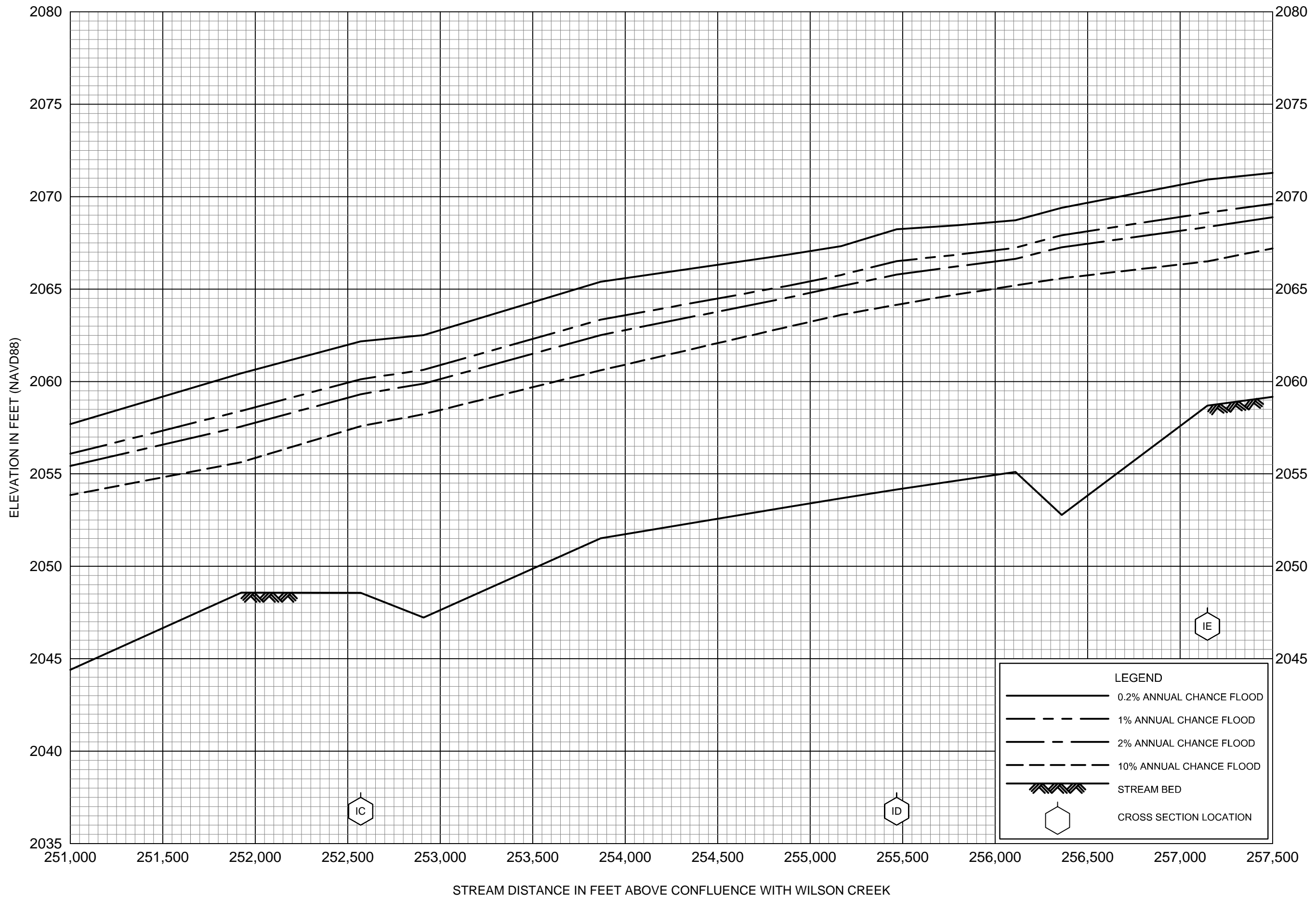


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

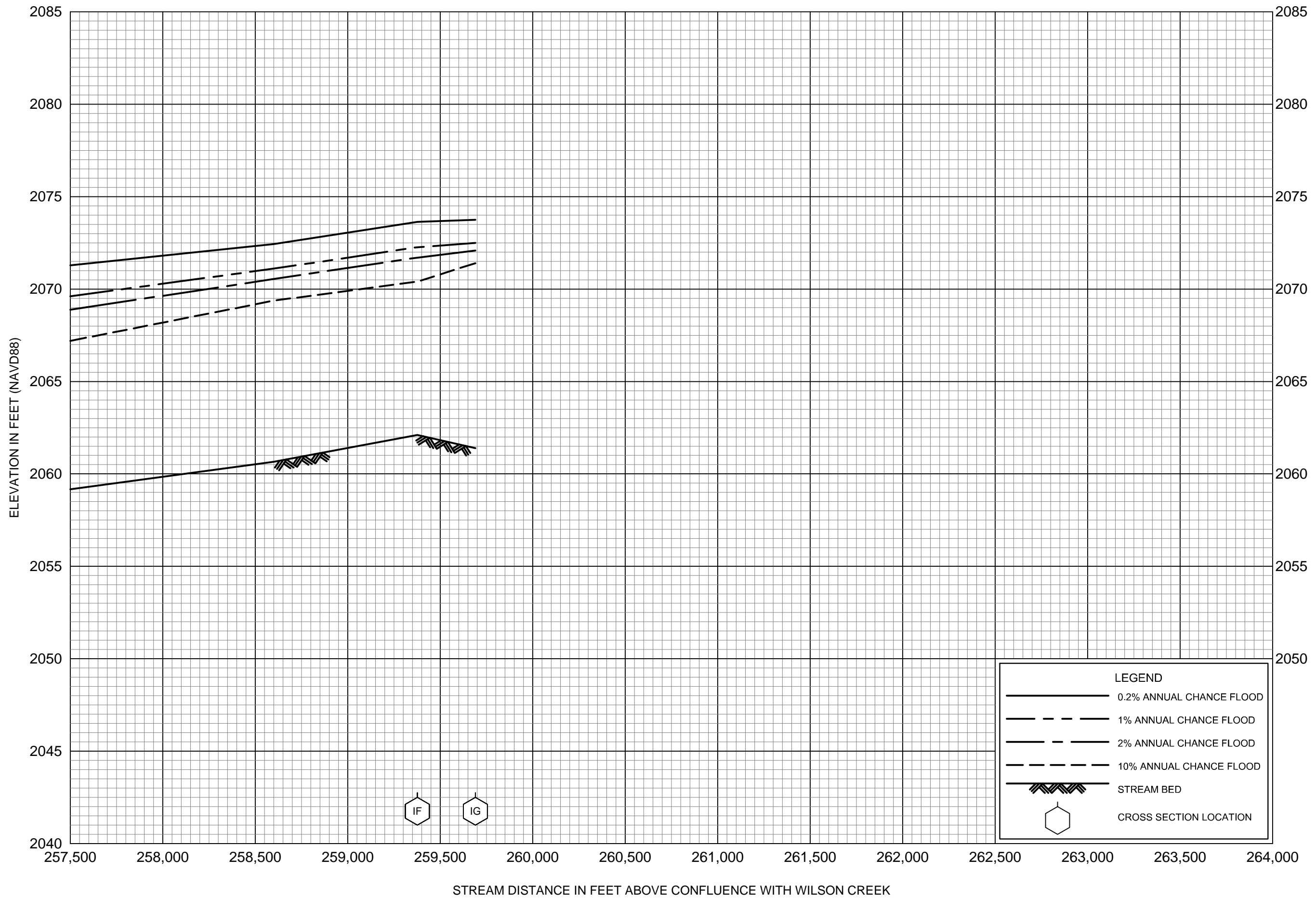


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

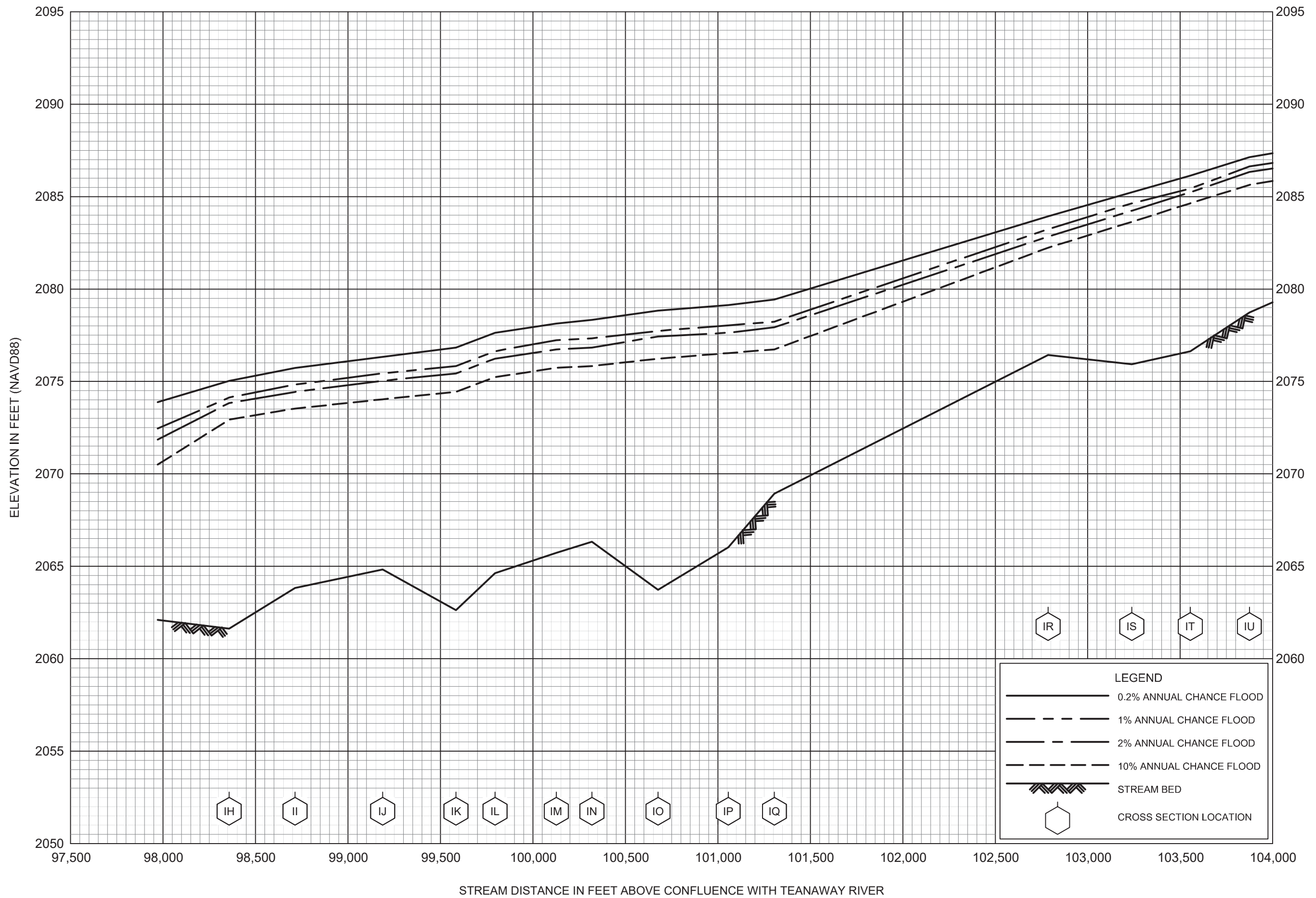


FLOOD PROFILES

YAKIMA RIVER

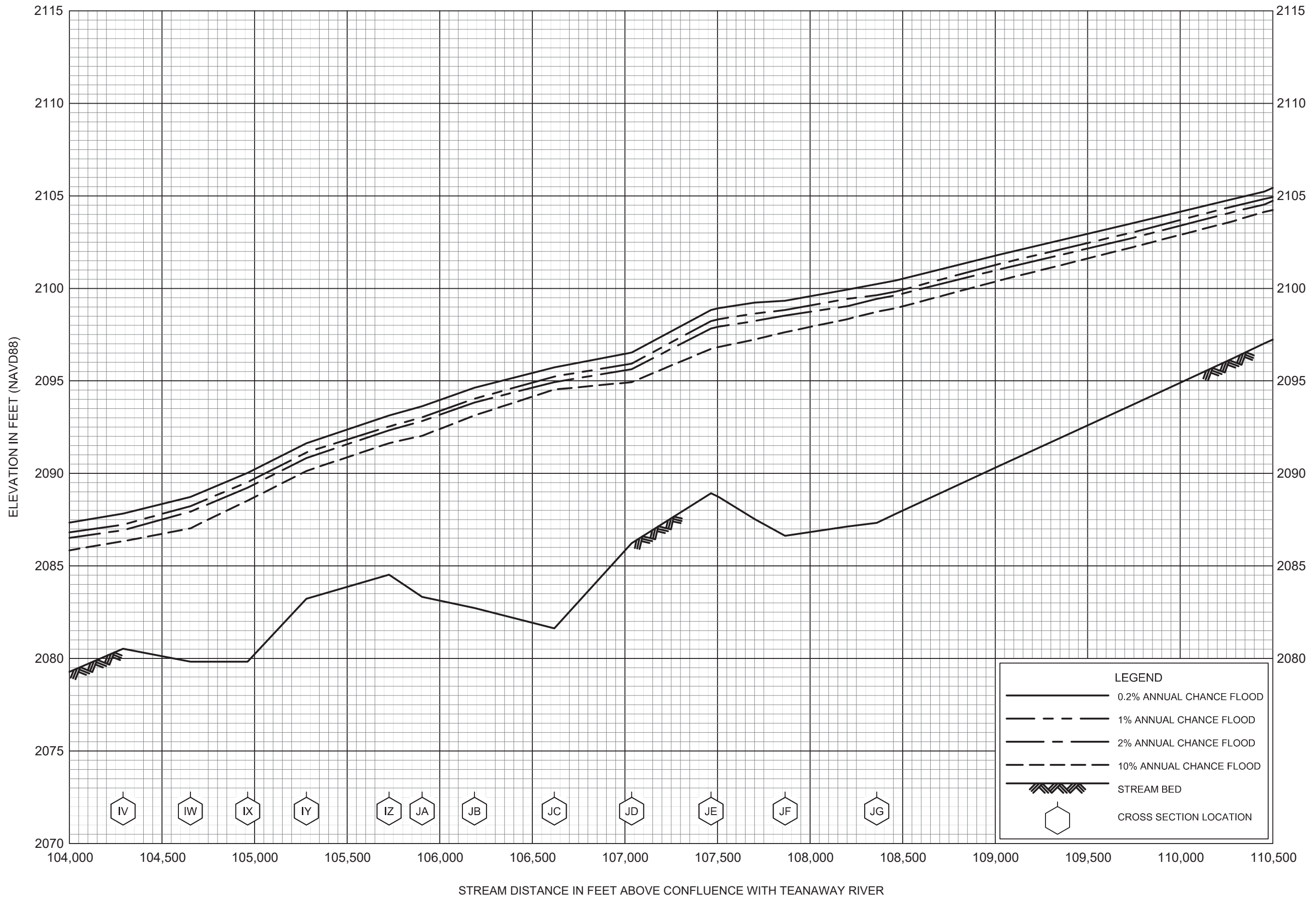
FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

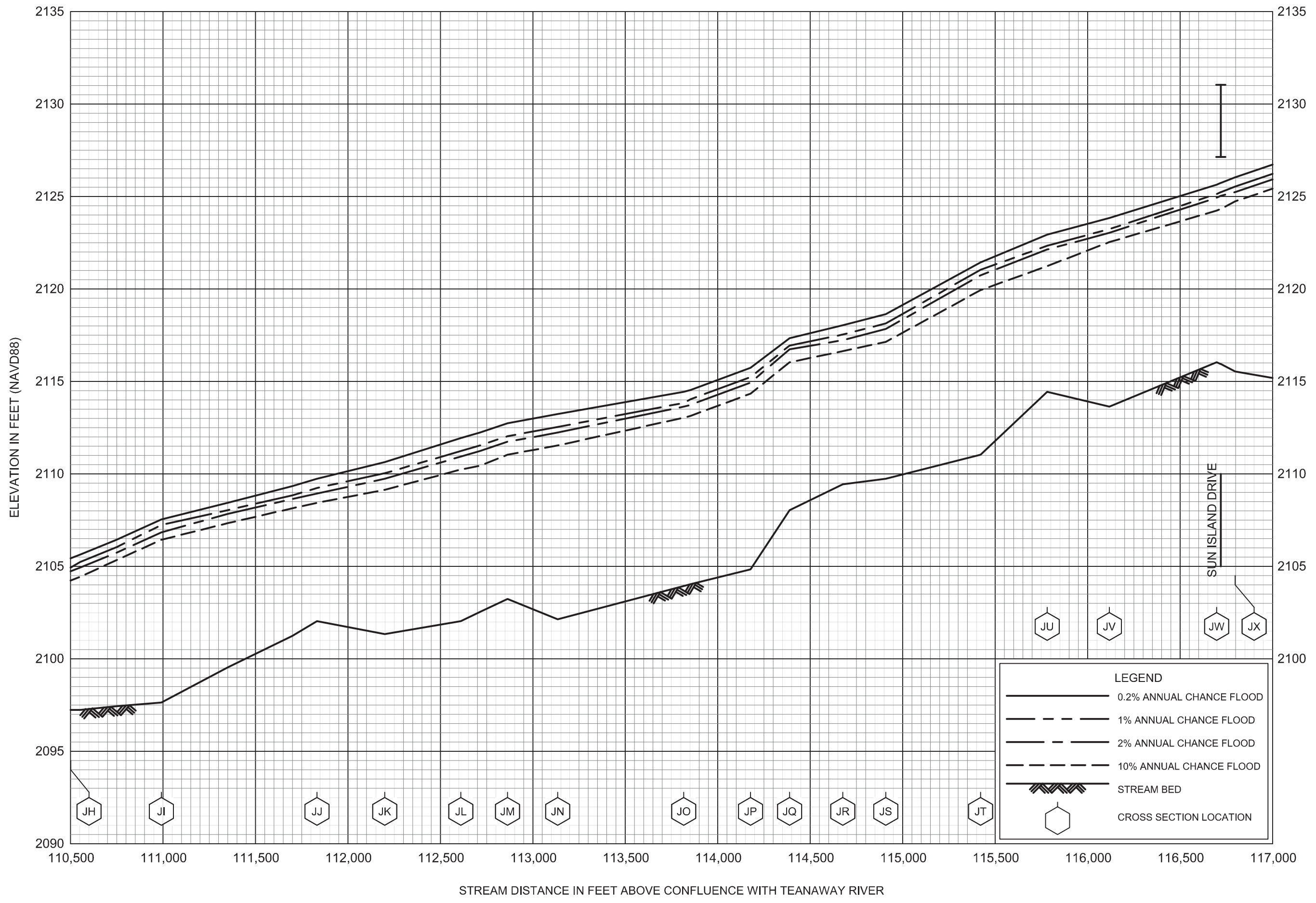


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

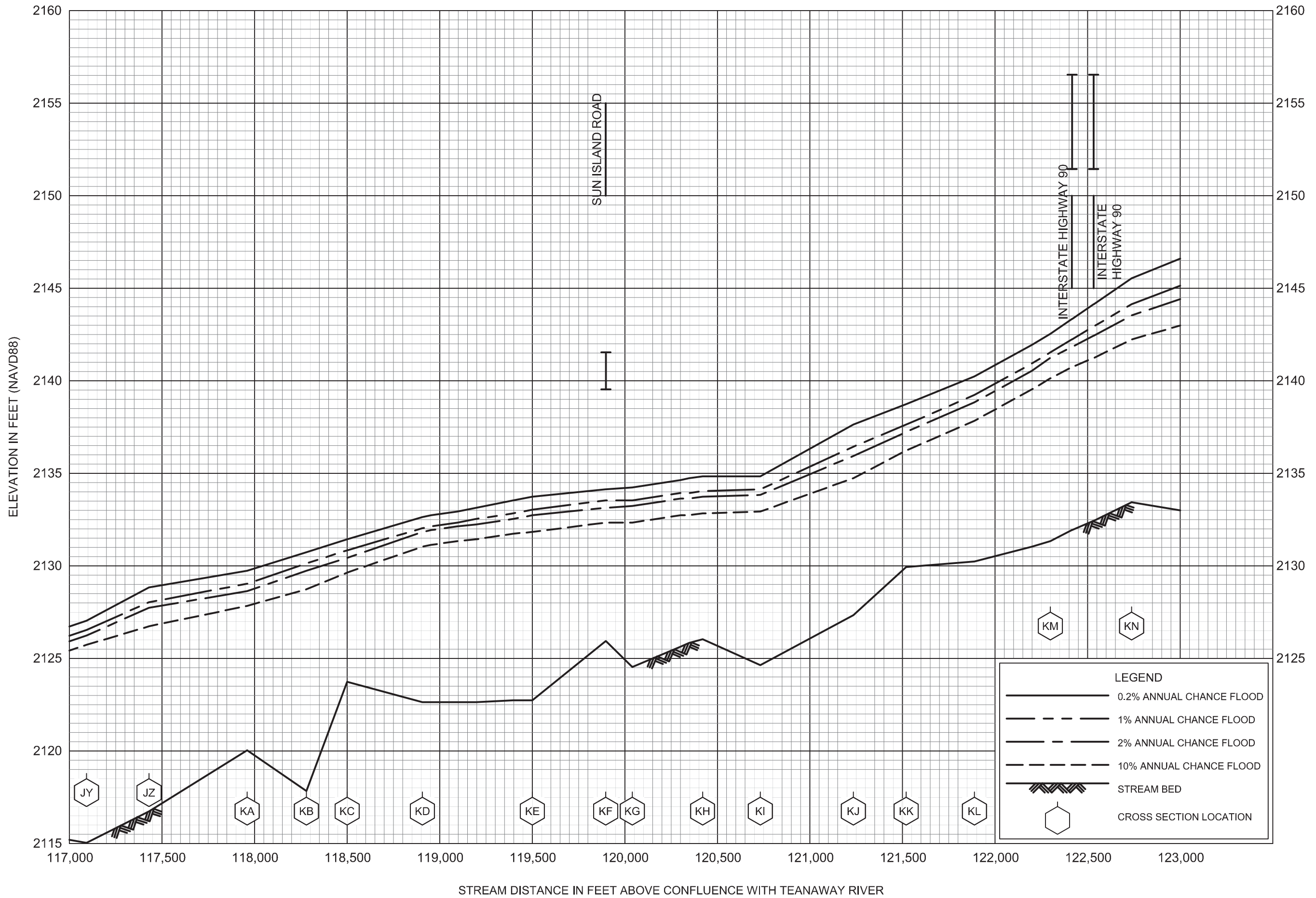


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

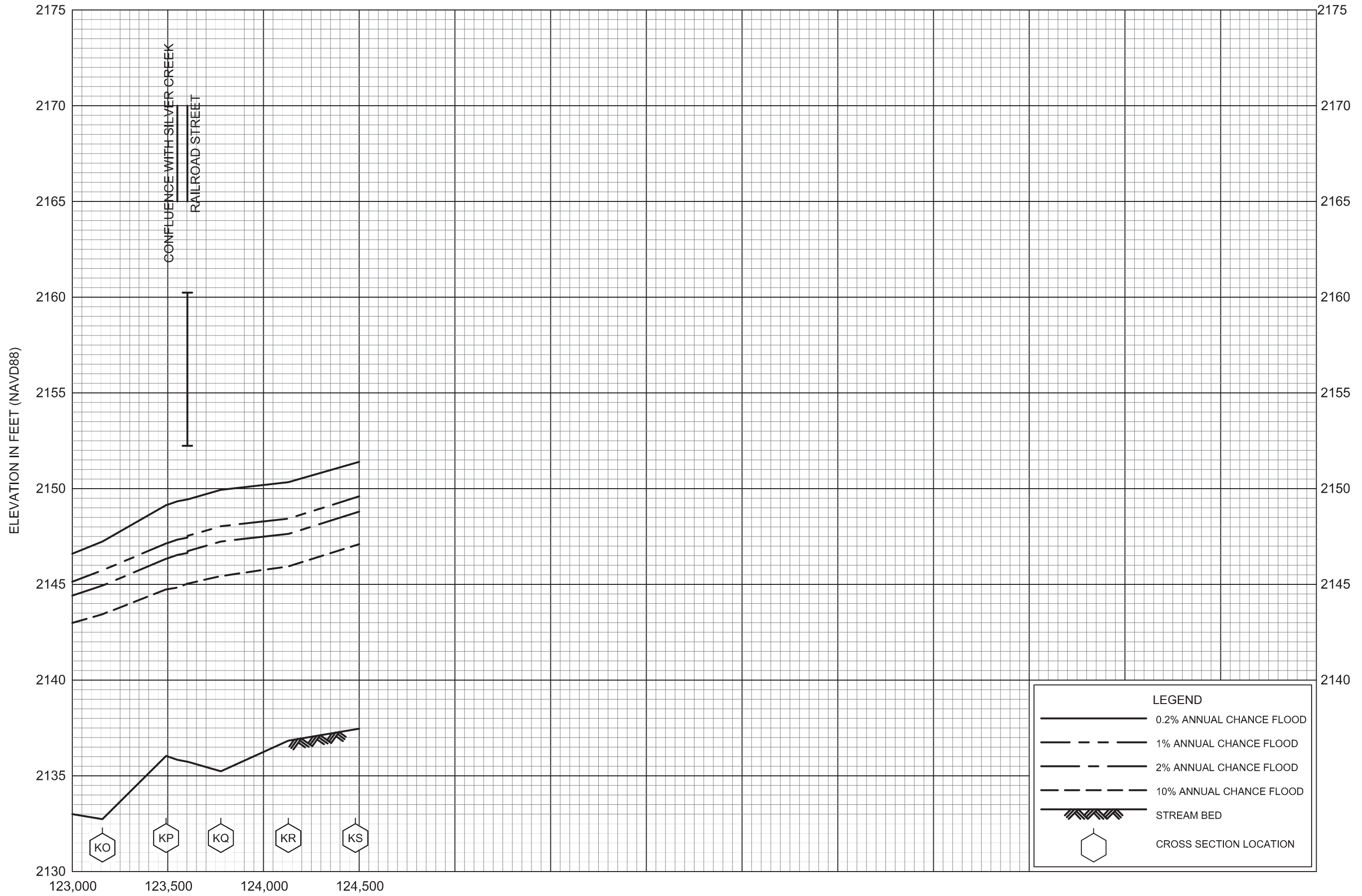


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



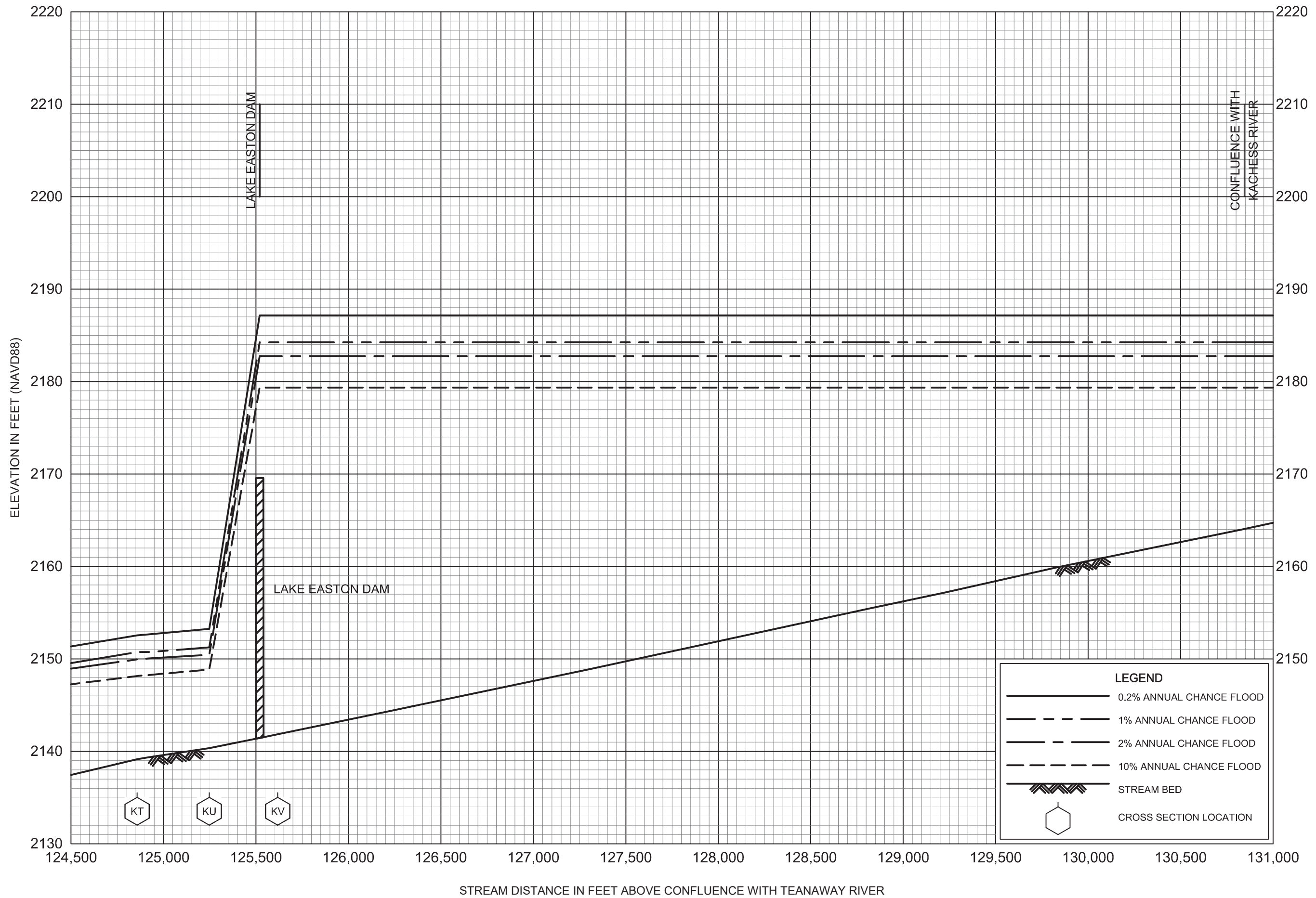
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH TEANAWAY RIVER

FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS

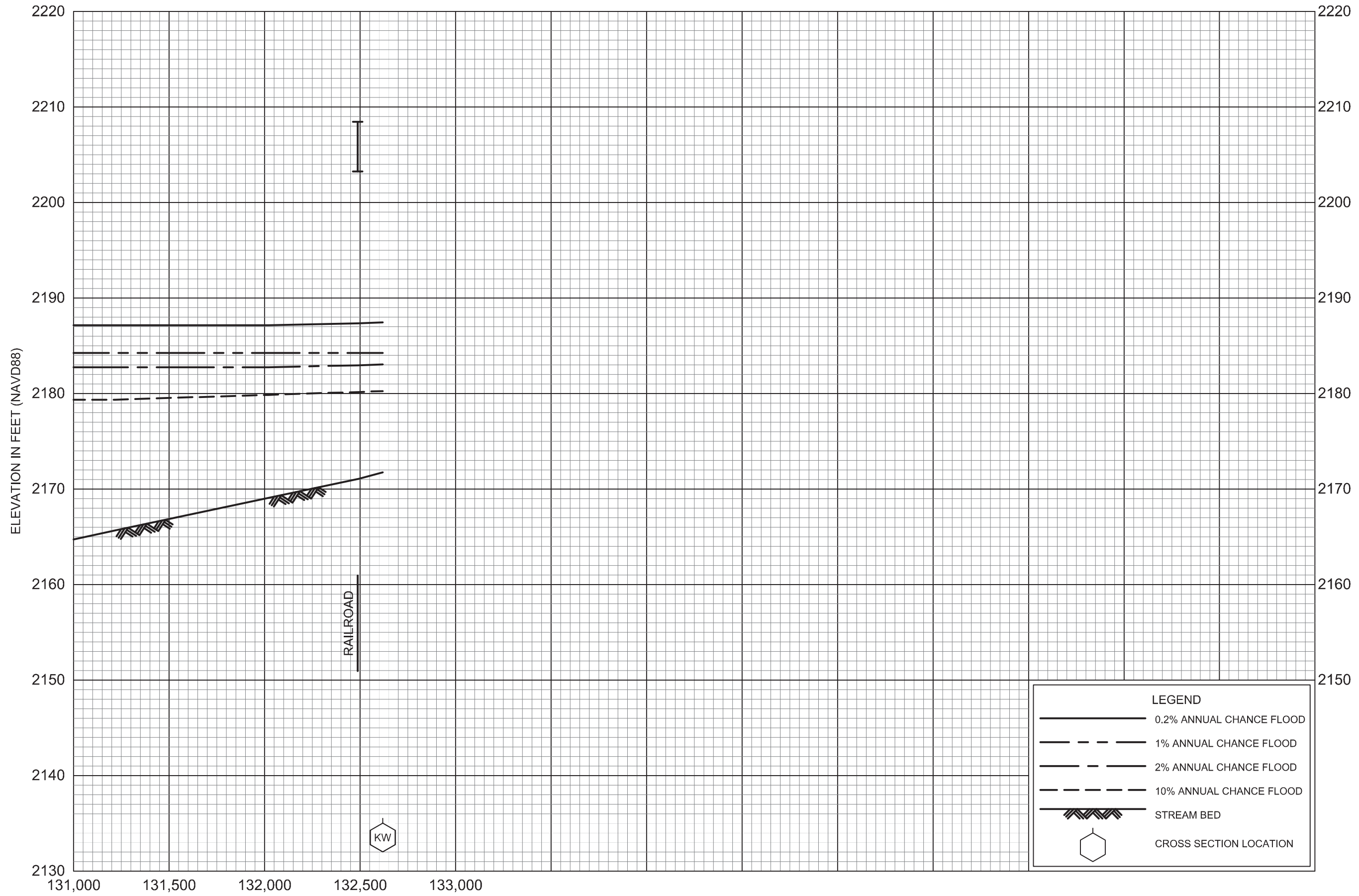


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

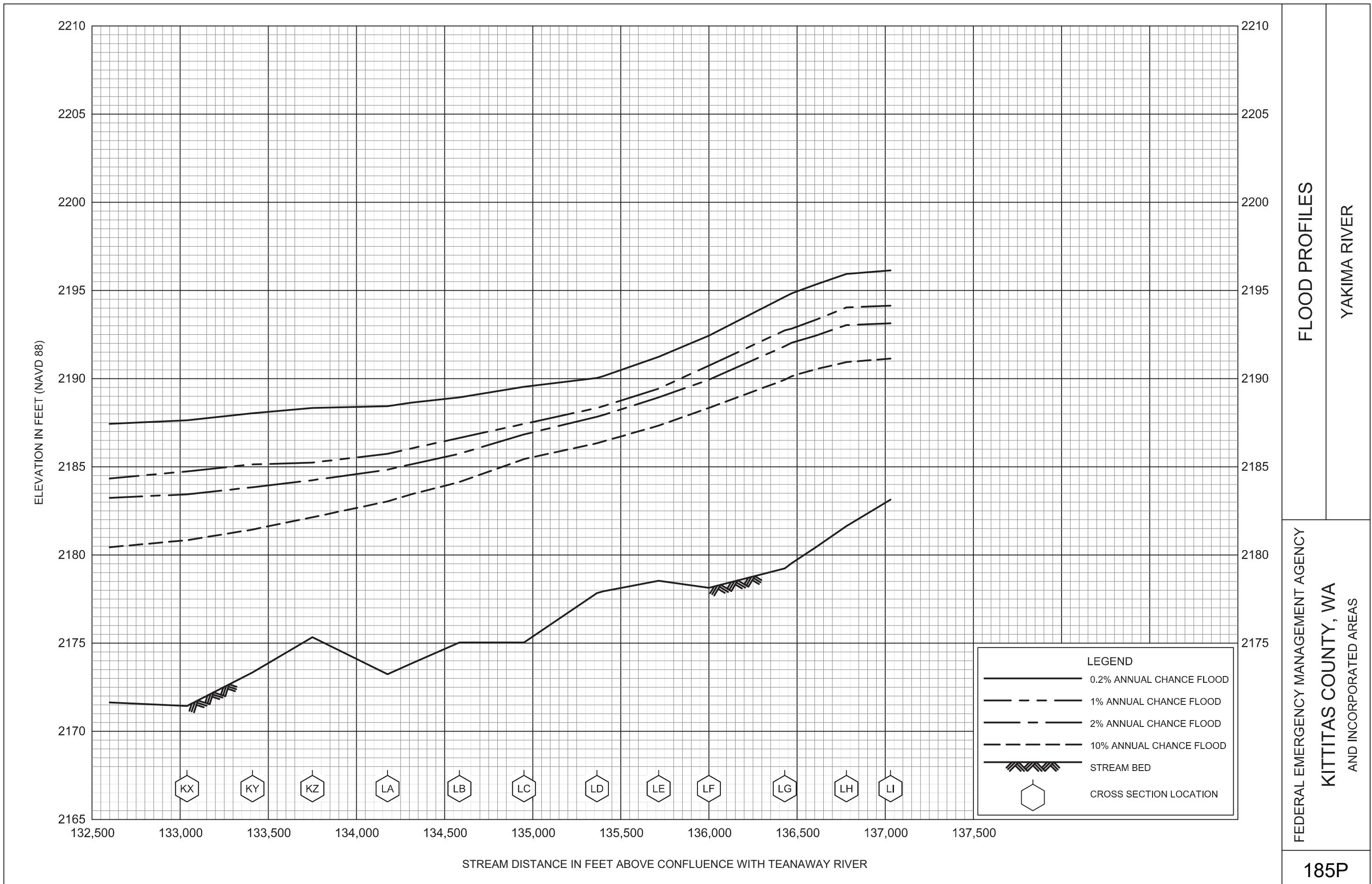
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

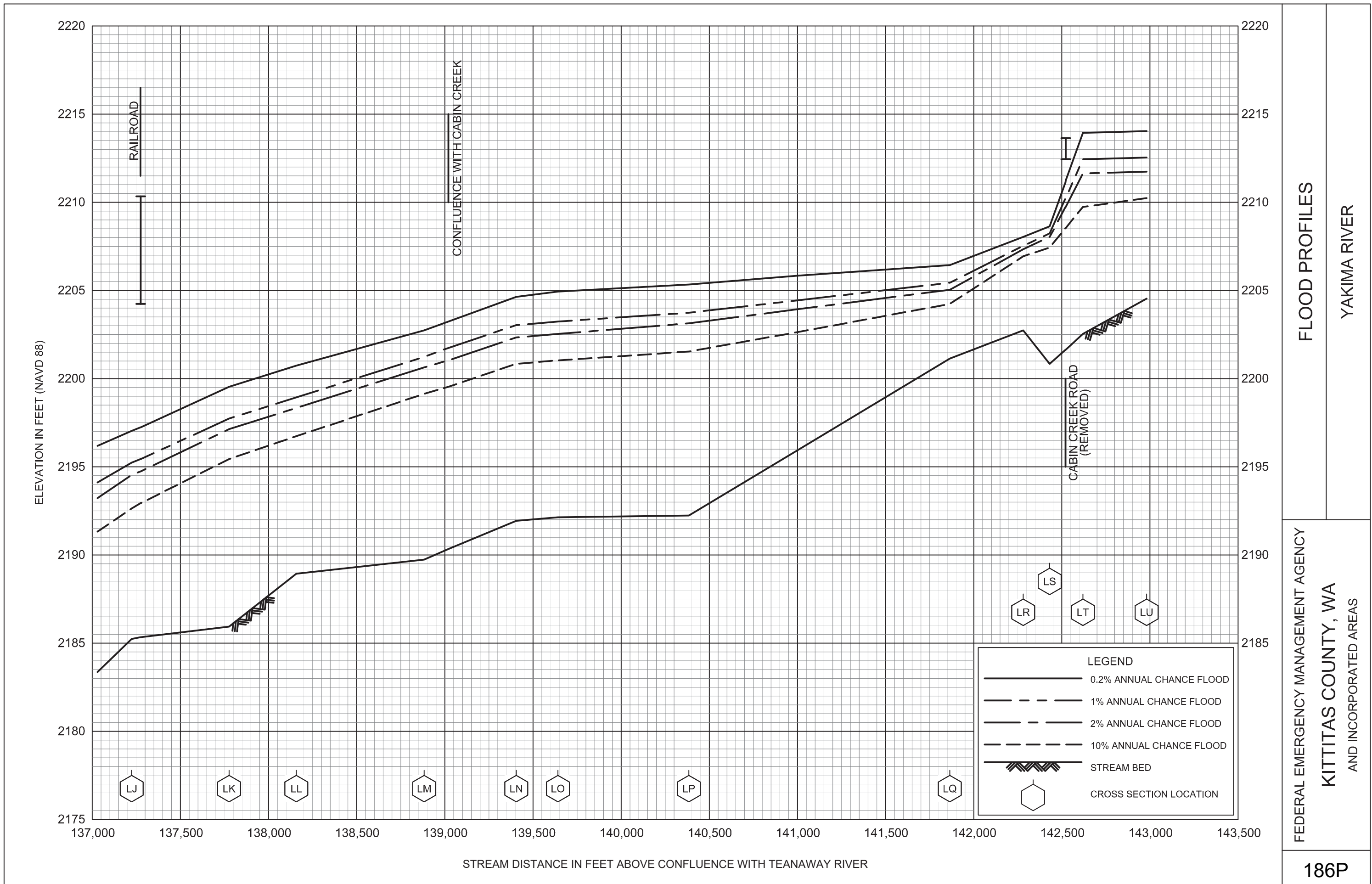


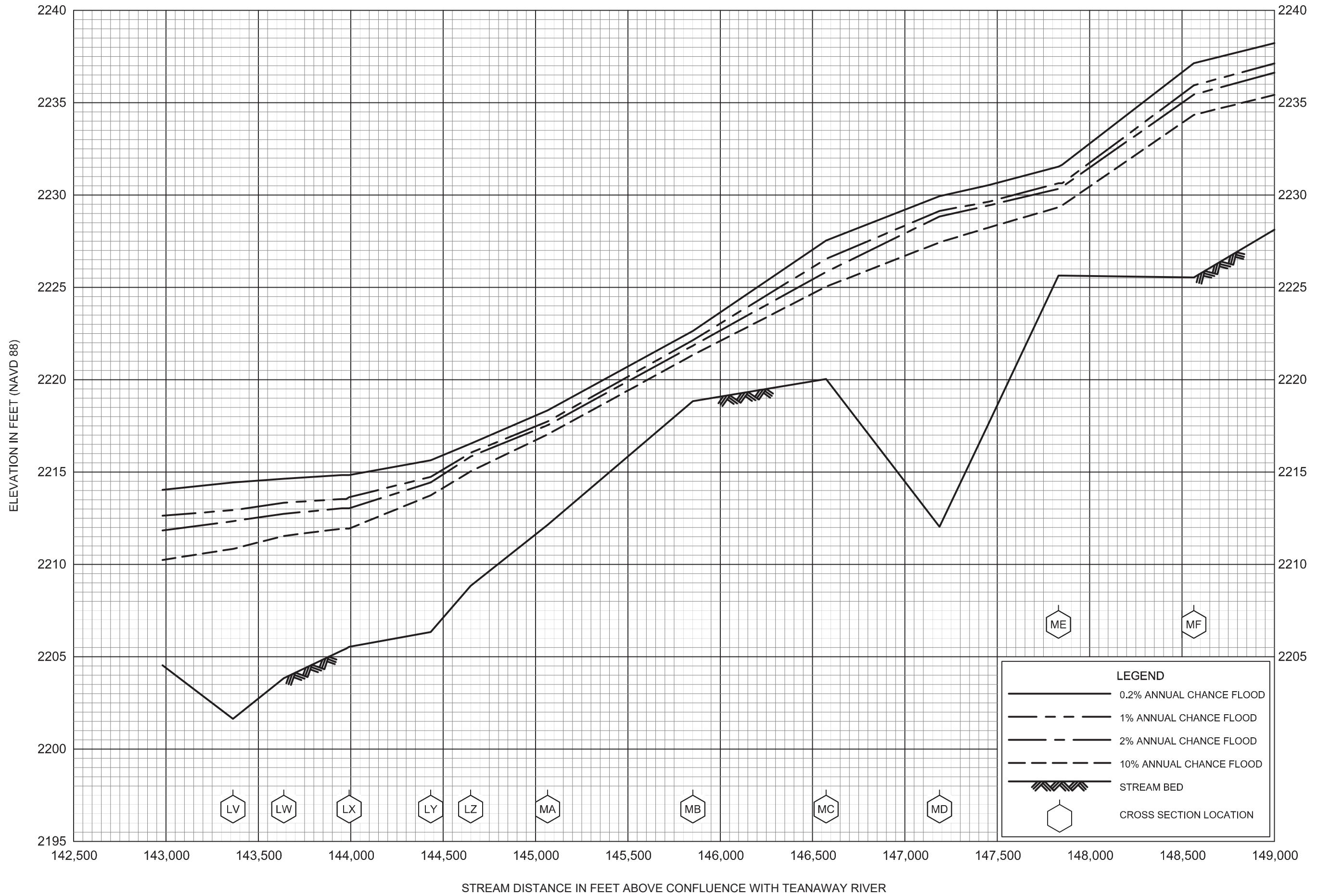
FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH TEANAWAY RIVER





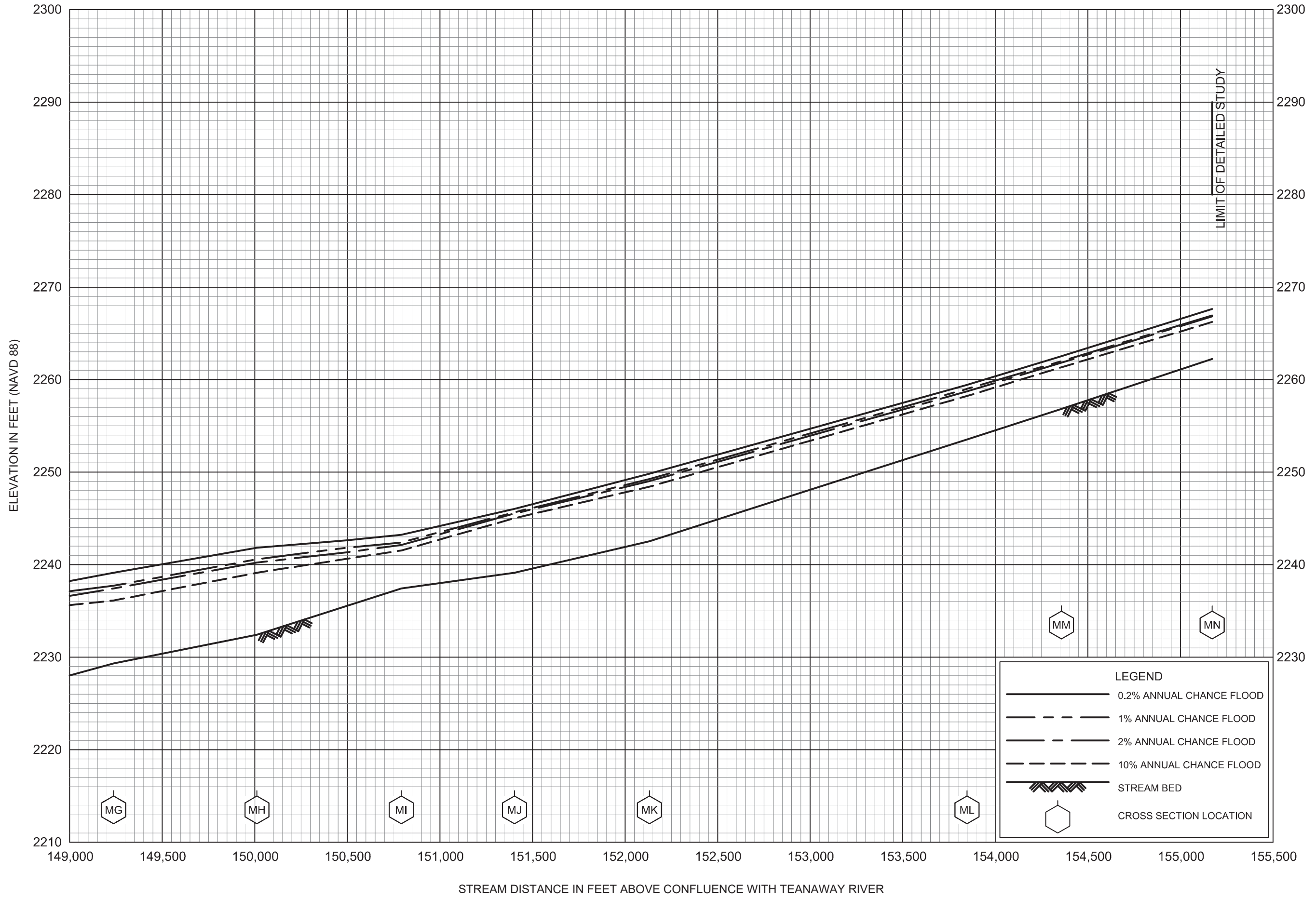


FLOOD PROFILES

YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KITTITAS COUNTY, WA
AND INCORPORATED AREAS



FLOOD PROFILES
YAKIMA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
KITTITAS COUNTY, WA
AND INCORPORATED AREAS