

FLOOD INSURANCE STUDY



VOLUME 2 OF 4

SAN BERNARDINO COUNTY, CALIFORNIA AND INCORPORATED AREAS

COMMUNITY NAME

ADELANTO, CITY OF
 APPLE VALLEY, TOWN OF
 BARSTOW, CITY OF
 BIG BEAR LAKE, CITY OF
 CHINO, CITY OF
 CHINO HILLS, CITY OF
 COLORADO RIVER INDIAN RESERVATION
 COLTON, CITY OF
 FONTANA, CITY OF
 FORT MOJAVE INDIAN RESERVATION
 GRAND TERRACE, CITY OF
 HESPERIA, CITY OF
 HIGHLAND, CITY OF
 LOMA LINDA, CITY OF
 MONTCLAIR, CITY OF
 NEEDLES, CITY OF
 ONTARIO, CITY OF
 RANCHO CUCAMONGA, CITY OF
 REDLANDS, CITY OF
 RIALTO, CITY OF
 SAN BERNARDINO, CITY OF
 SAN BERNARDINO COUNTY,
 (UNINCORPORATED AREAS)
 TWENTYNINE PALMS, CITY OF
 UPLAND, CITY OF
 VICTORVILLE, CITY OF
 YUCAIPA, CITY OF
 YUCCA VALLEY, TOWN OF

COMMUNITY NUMBER

060639
 060752
 060271
 060731
 060272
 060754
 060069
 060273
 060274
 060743
 060737
 060733
 060732
 065042
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 060671
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 060281

 060270
 060734
 065067
 065068
 060739
 060750



San Bernardino County

REVISED:
 September 2, 2016



Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
 06071CV002D

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) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this FIS may be revised and republished at any time. In addition, part of this FIS may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

ATTENTION: On FIRM panels 06061C7930J, 06061C7940J, 06061C8709J, and 06061C8730J, the Cable Creek, Macy Basin, and Mill Creek levees have not been demonstrated by the community or levee owner to meet the requirements of Section 65.10 of the NFIP regulations in 44 CFR as it relates to the levee's capacity to provide 1-percent- annual -chance flood protection. The subject areas are identified on FIRM panels (with notes and bounding lines) and in the FIS report as potential areas of flood hazard data changes based on further review.

FEMA has updated the levee analysis and mapping procedures for non-accredited levees. Until such time as FEMA is able to initiate a new flood risk project to apply the new procedures, the flood hazard information on the aforementioned FIRM panel(s) that are affected by Cable Creek, Macy Basin, and Mill Creek levees are being added as a snapshot of the prior previously effective information presented on the FIRMs and FIS reports dated August 28, 2008. As indicated above, it is expected that affected flood hazard data within the subject area could be significantly revised. This may result in floodplain boundary changes, 1-percent- annual -chance flood elevation changes, and/or changes to flood hazard zone designations.

The effective FIRM panels (and the FIS report) will again be revised at a later date to update the flood hazard information associated with the Cable Creek, Macy Basin, and Mill Creek levees when FEMA is able to initiate and complete a new flood risk project to apply the updated levee analysis and mapping procedures.

This FIS report was revised on September 2, 2016. Users should refer to Section 10.0, Revisions Description, for further information. Section 10.0 is intended to present the most up-to-date information for specific portions of this FIS report. Therefore, users of this FIS report should be aware that the information presented in Section 10.0 supersedes information in Sections 1.0 through 9.0 of this FIS report.

Initial Countywide FIS Effective Date: March 18, 1996

First Revised Countywide FIS Date: August 28, 2008

Second Revised Countywide FIS Date: September 26, 2014

Third Revised Countywide FIS Date: February 18, 2015

Fourth Revised Countywide FIS Date: September 2, 2016

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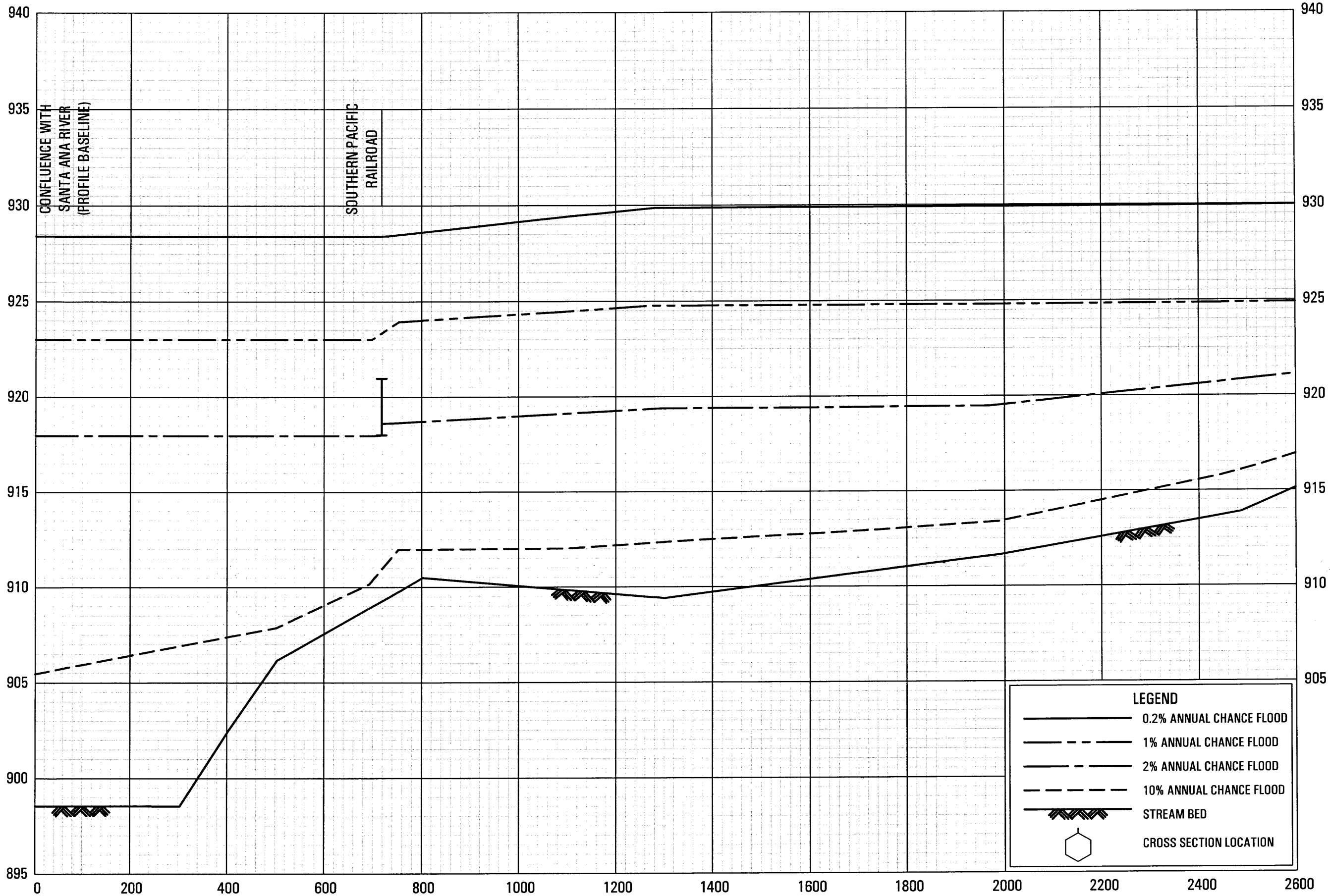
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ELEVATION IN FEET (NAVD 88)



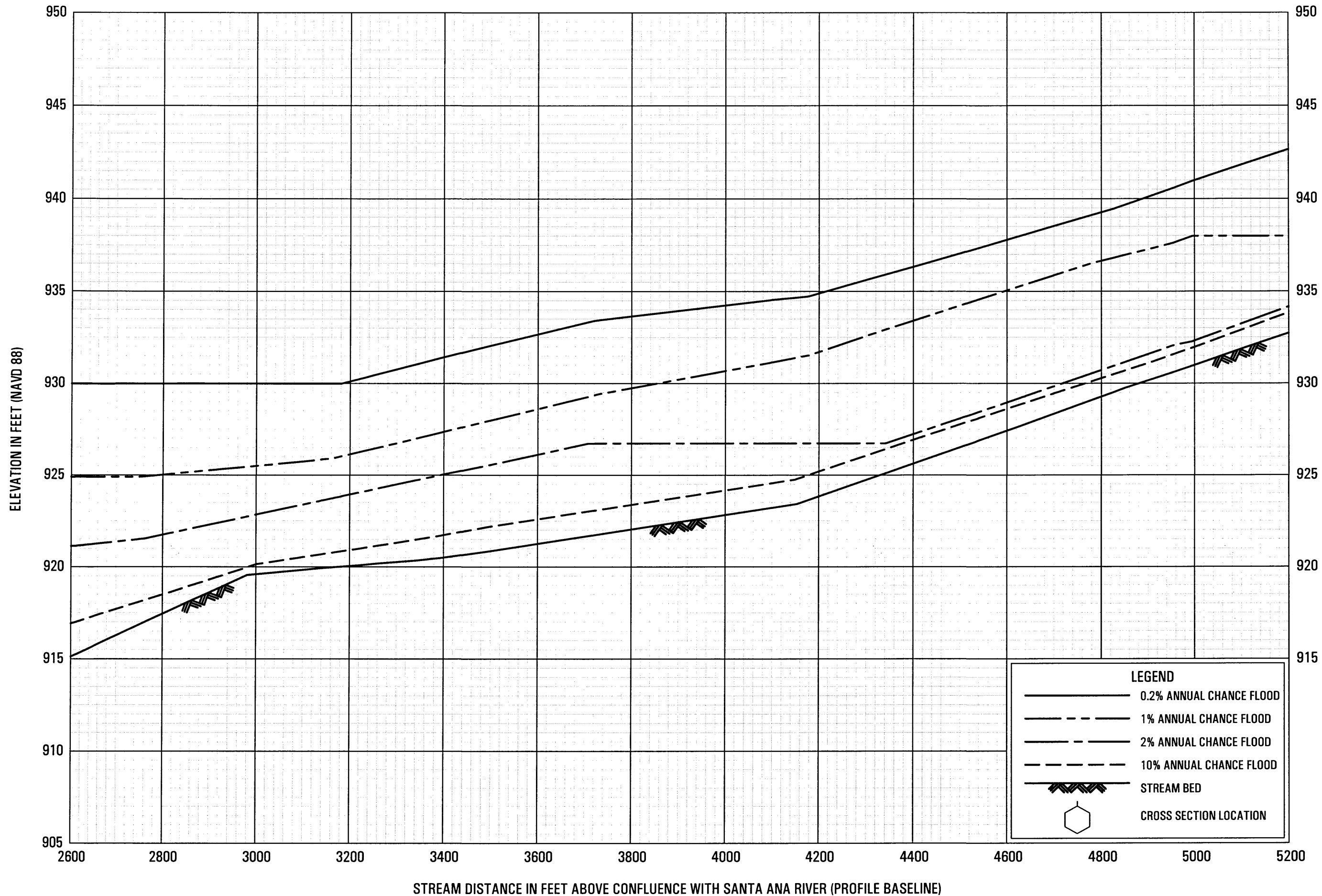
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SANTA ANA RIVER (PROFILE BASELINE)

FLOOD PROFILES

11TH STREET STORM DRAIN

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SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

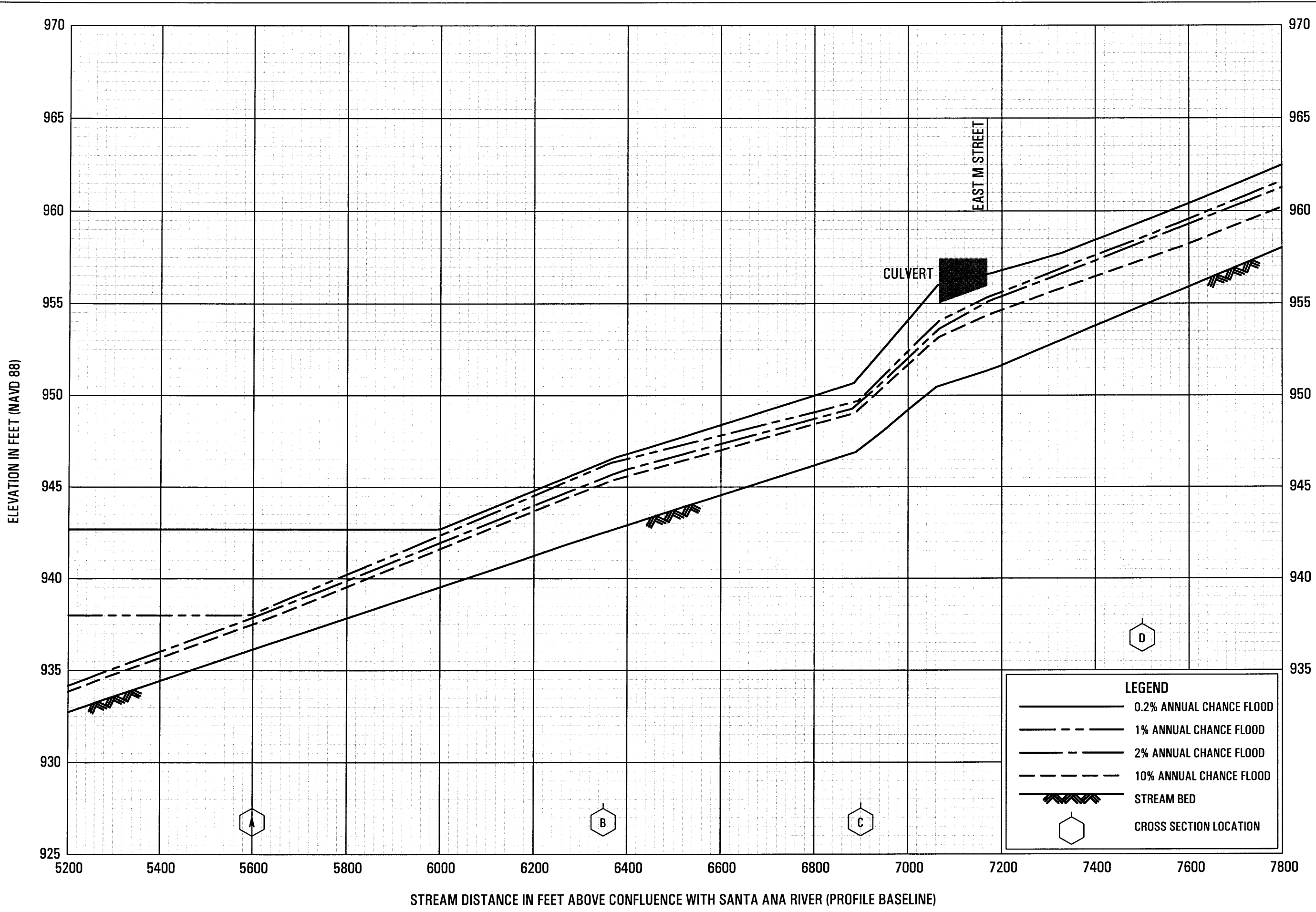
01P



FLOOD PROFILES

11TH STREET STORM DRAIN

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SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



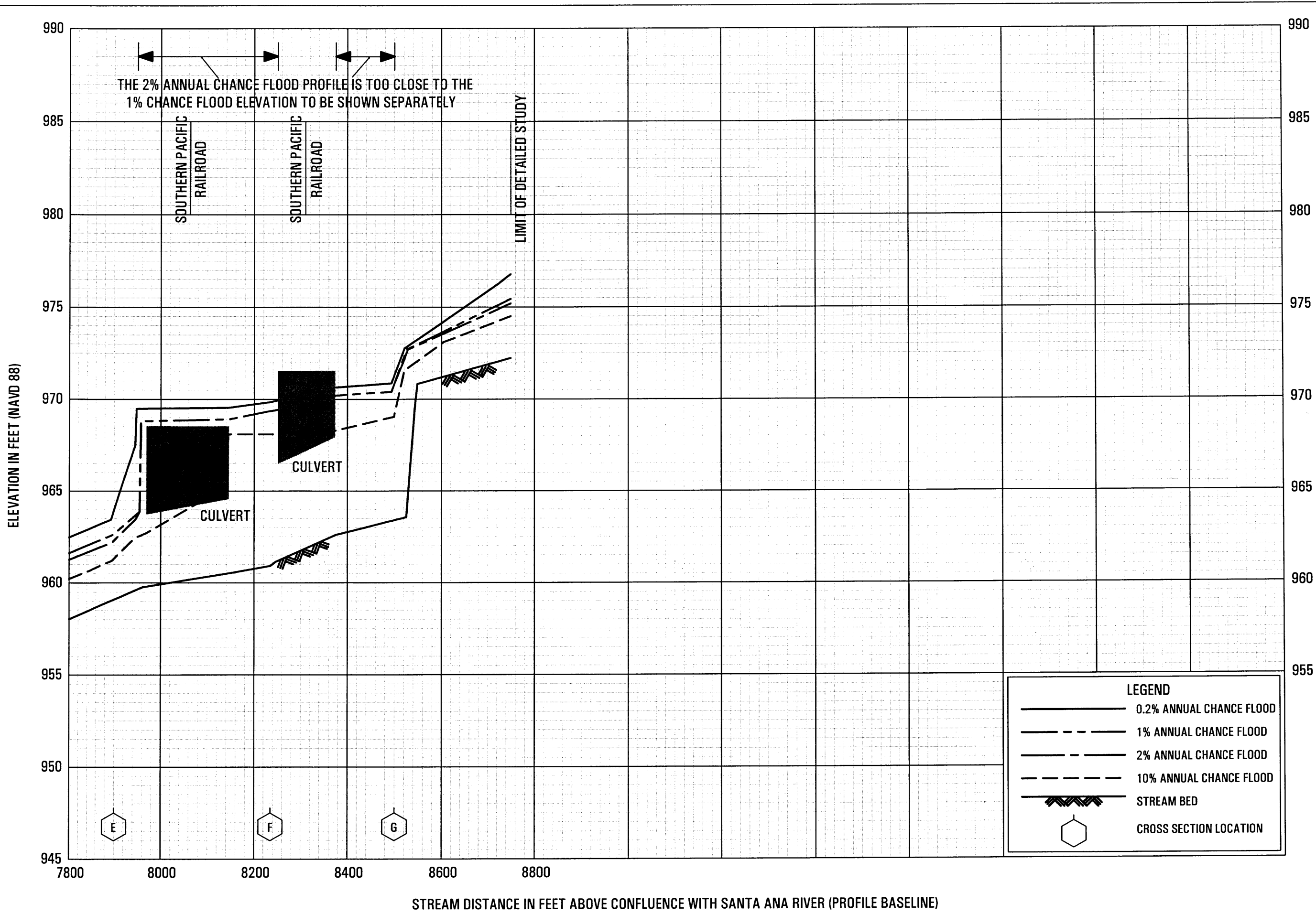
LEGEND

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

FLOOD PROFILES
11TH STREET STORM DRAIN

FEDERAL EMERGENCY MANAGEMENT AGENCY
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AND INCORPORATED AREAS

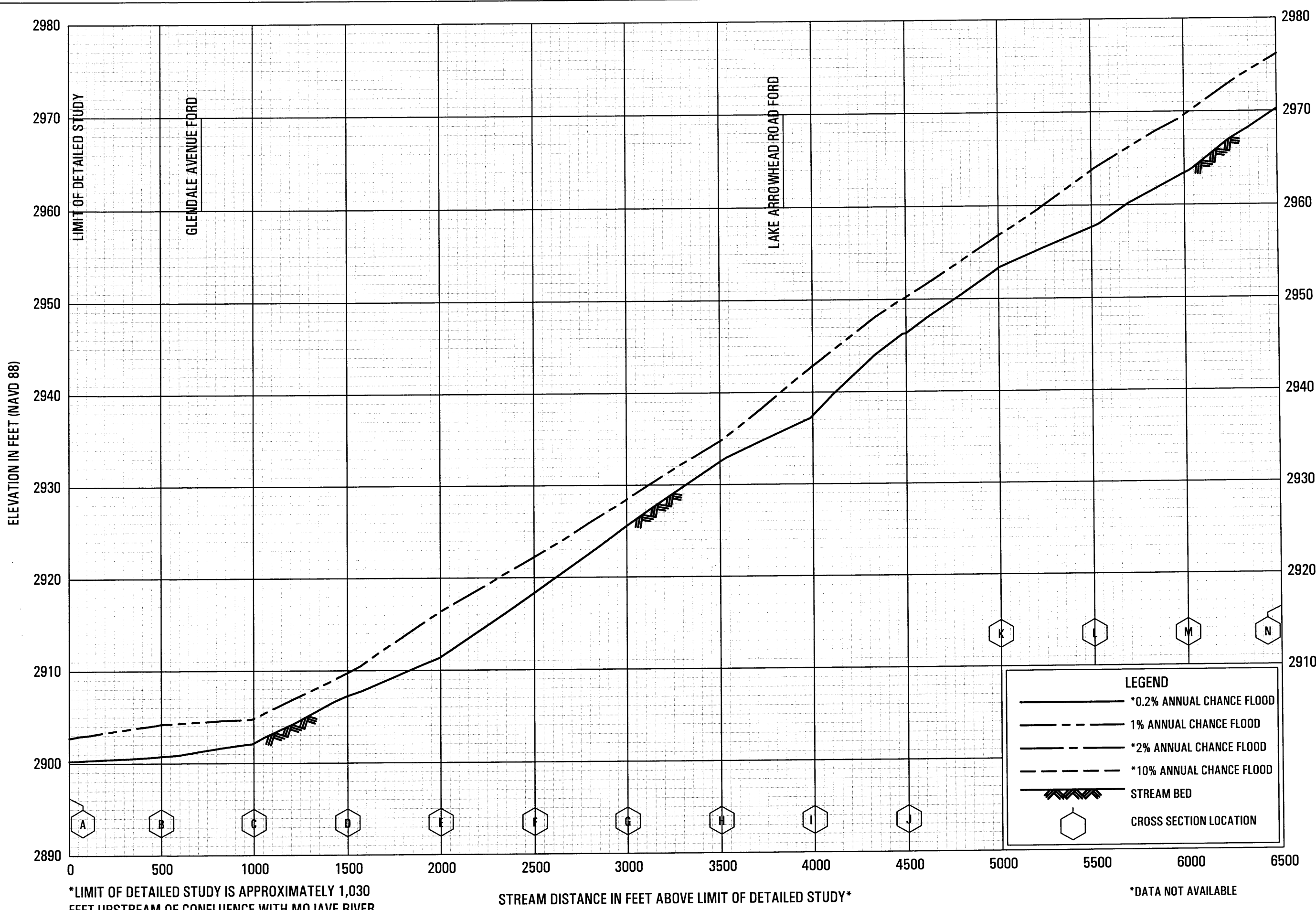
03P



FLOOD PROFILES

11TH STREET STORM DRAIN

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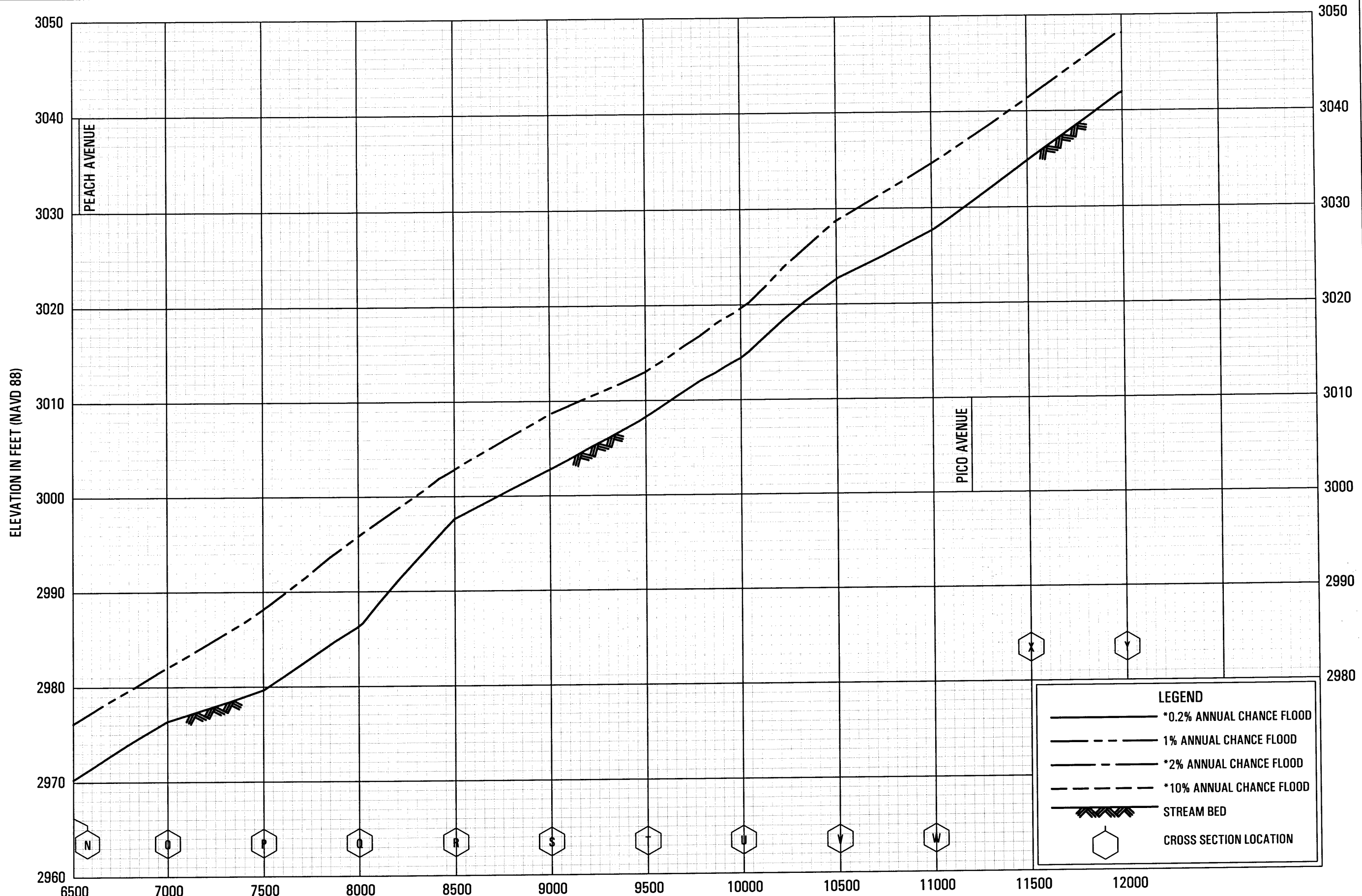
FLOOD PROFILES

ANTELOPE VALLEY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

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AND INCORPORATED AREAS



*LIMIT OF DETAILED STUDY IS APPROXIMATELY 1,030 FEET UPSTREAM OF CONFLUENCE WITH MOJAVE RIVER

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY*

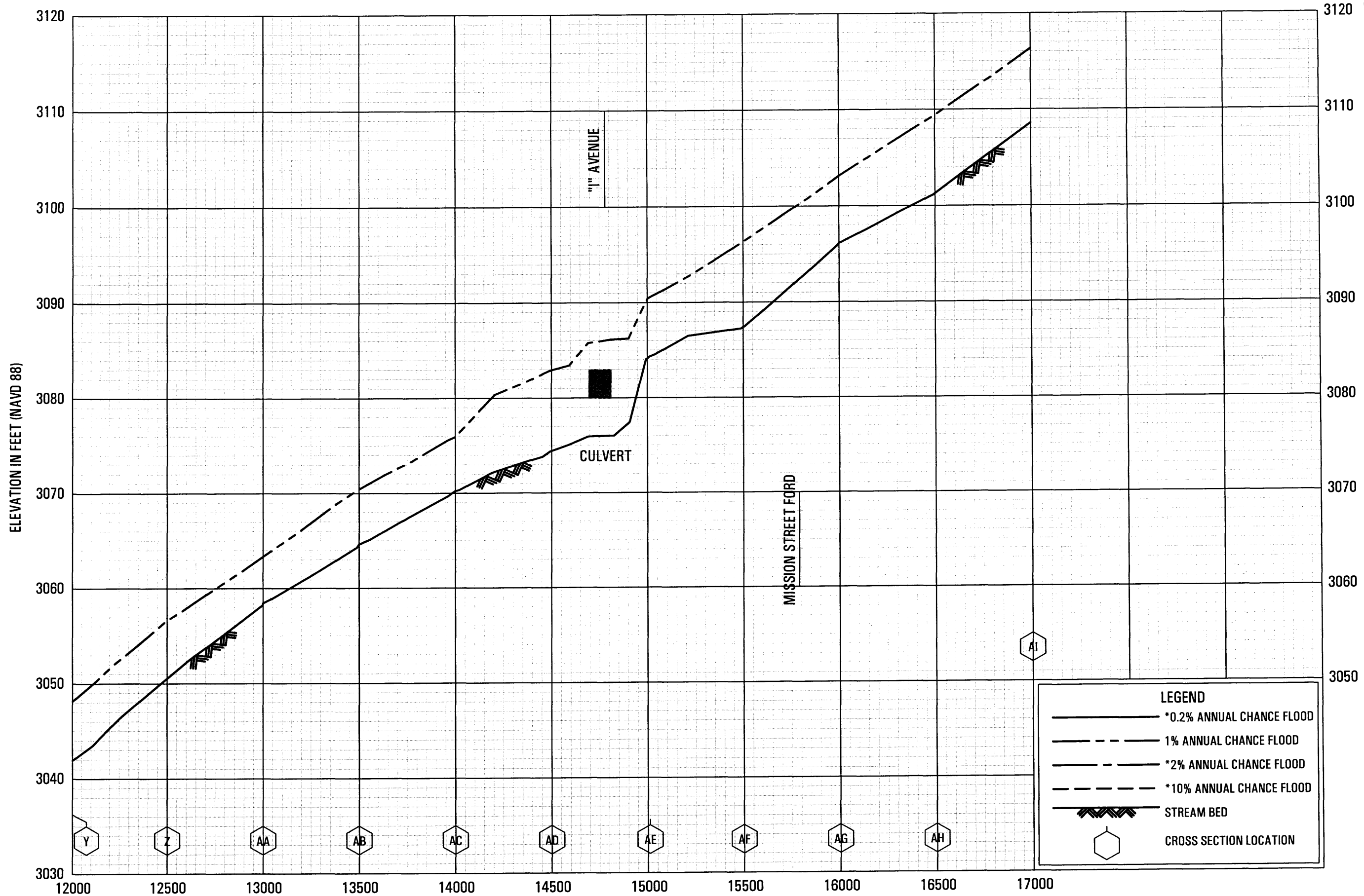
*DATA NOT AVAILABLE

FLOOD PROFILES

ANTELOPE VALLEY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY
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 AND INCORPORATED AREAS

06P



*LIMIT OF DETAILED STUDY IS APPROXIMATELY 1,030 FEET UPSTREAM OF CONFLUENCE WITH MOJAVE RIVER

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY*

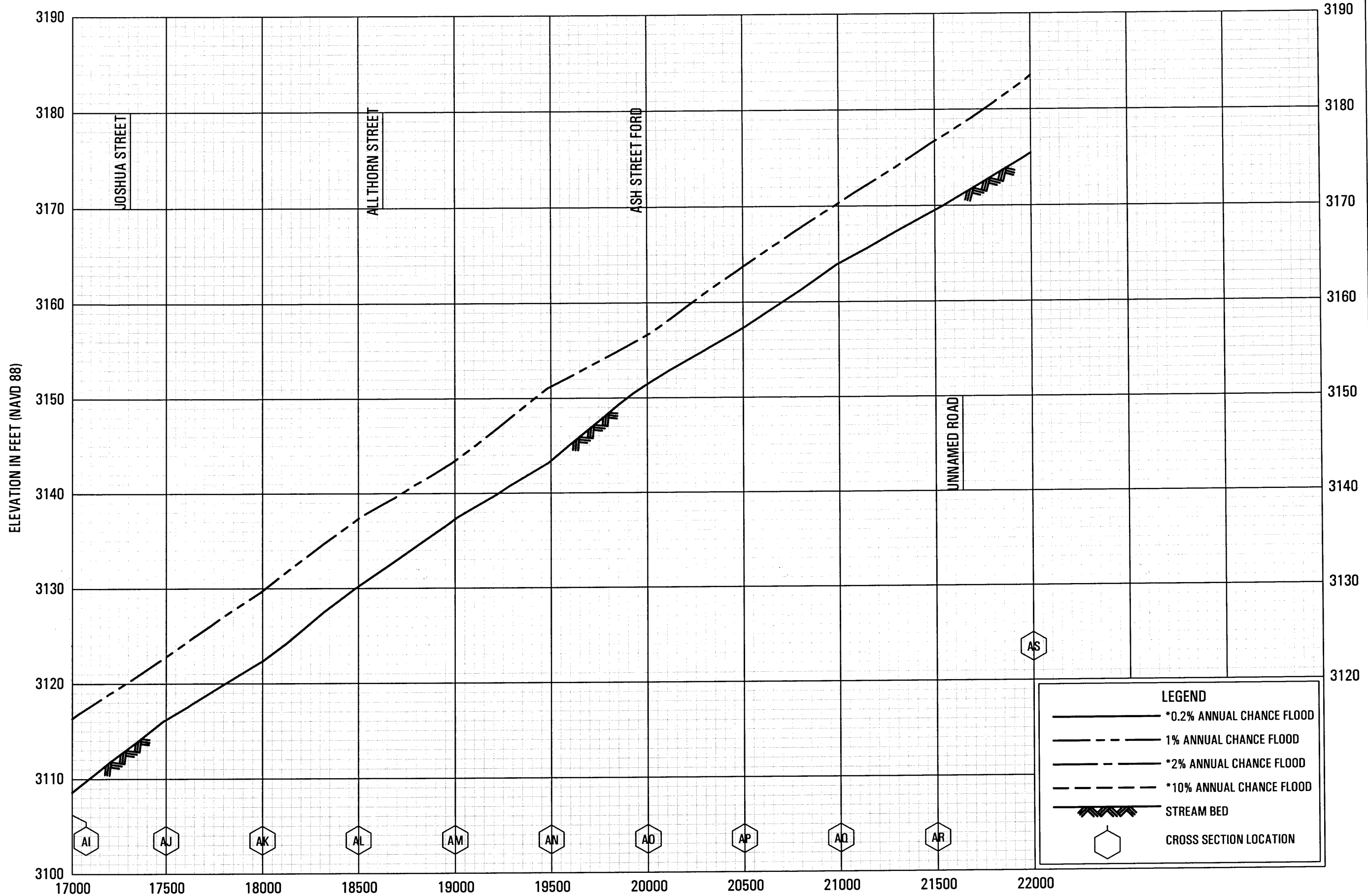
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FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

FLOOD PROFILES

ANTELOPE VALLEY WASH

07P



*LIMIT OF DETAILED STUDY IS APPROXIMATELY 1,030 FEET UPSTREAM OF CONFLUENCE WITH MOJAVE RIVER

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY*

*DATA NOT AVAILABLE

FLOOD PROFILES

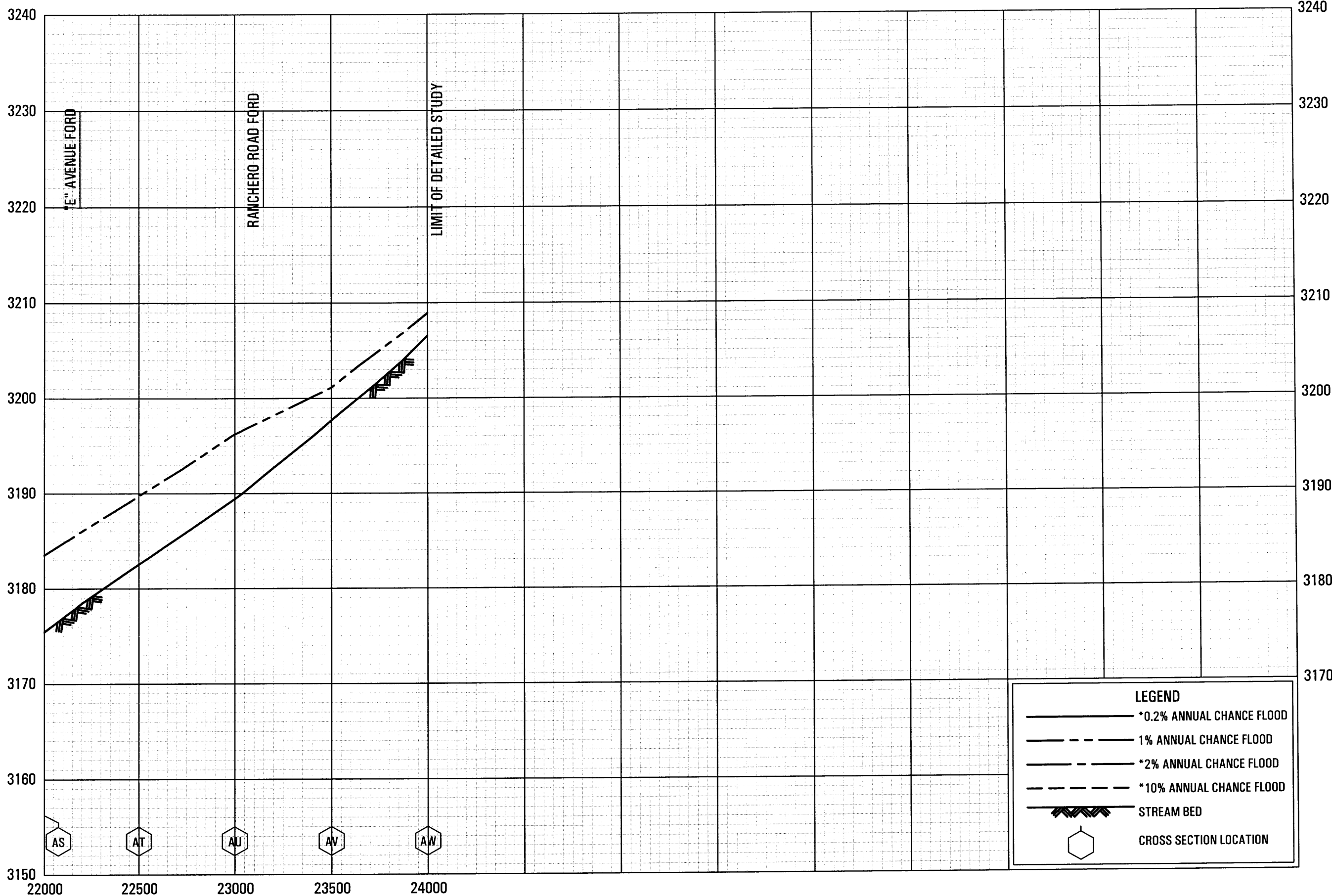
ANTELOPE VALLEY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

08P

ELEVATION IN FEET (NAVD 88)



LEGEND

- *0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- · · · *10% ANNUAL CHANCE FLOOD
- ⚡ STREAM BED
- ⬡ CROSS SECTION LOCATION

*LIMIT OF DETAILED STUDY IS APPROXIMATELY 1,030 FEET UPSTREAM OF CONFLUENCE WITH MOJAVE RIVER

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY*

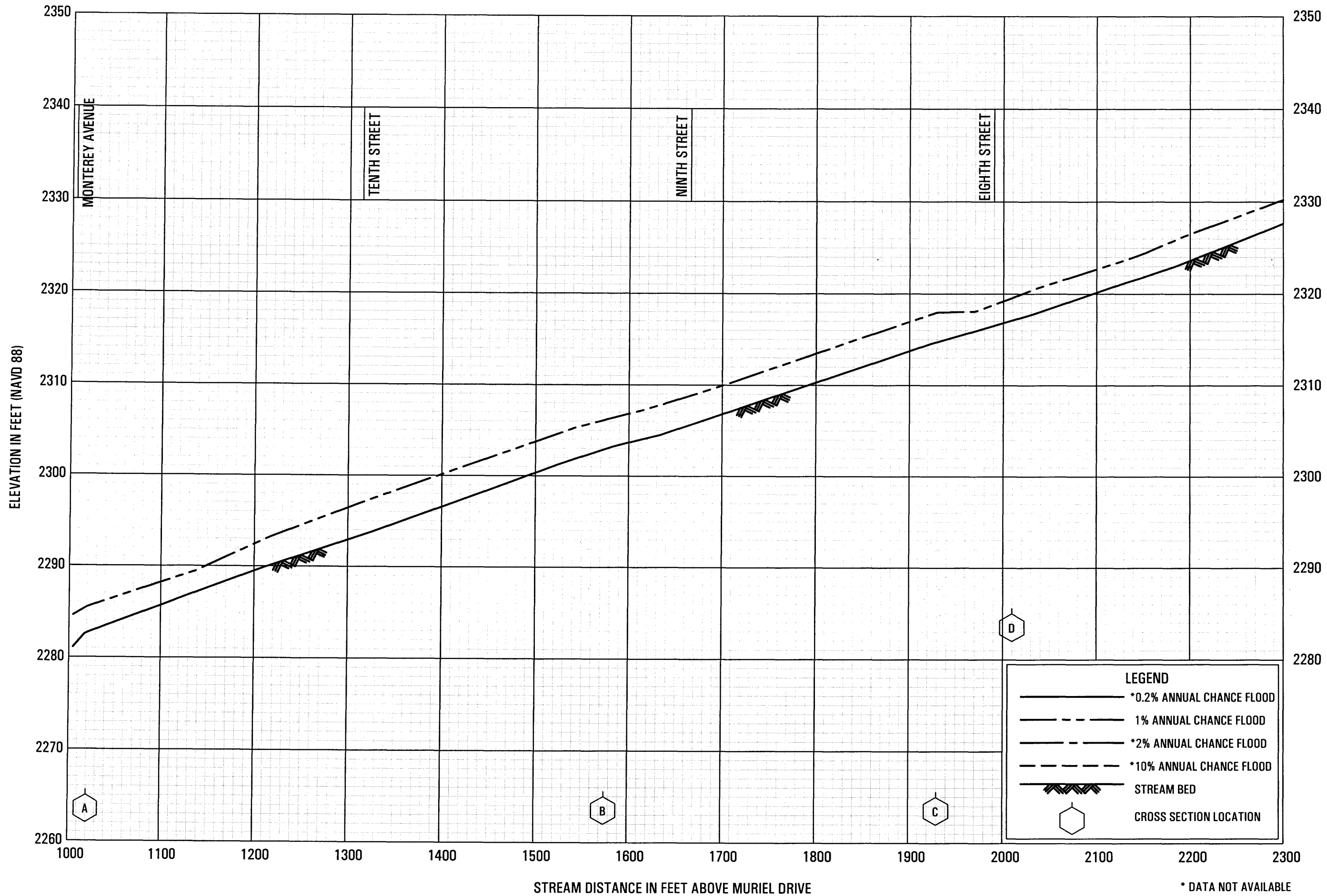
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FLOOD PROFILES

ANTELOPE VALLEY WASH

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09P

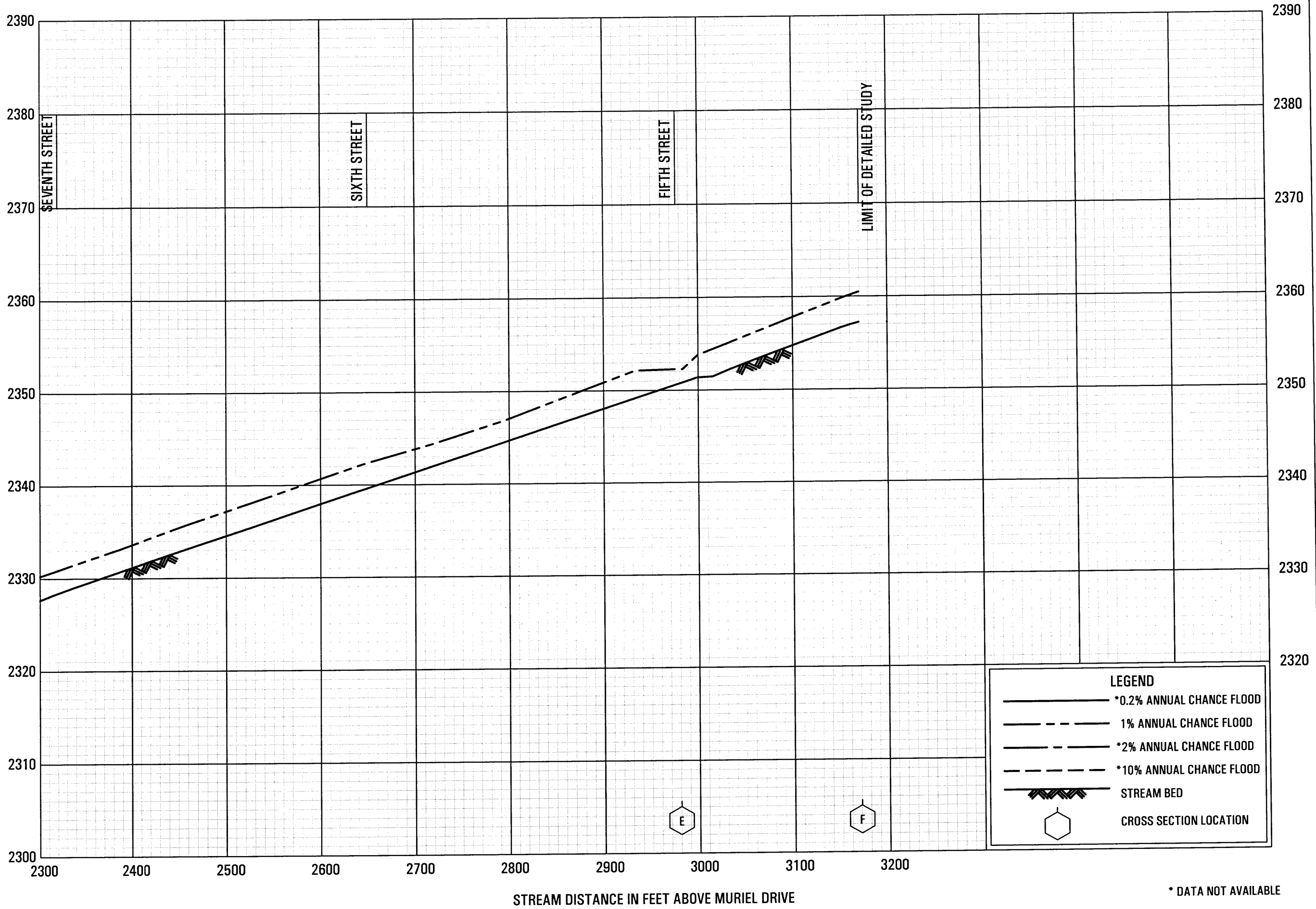


FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

FLOOD PROFILES
 ARMORY CREEK

* DATA NOT AVAILABLE

ELEVATION IN FEET (NAVD 88)



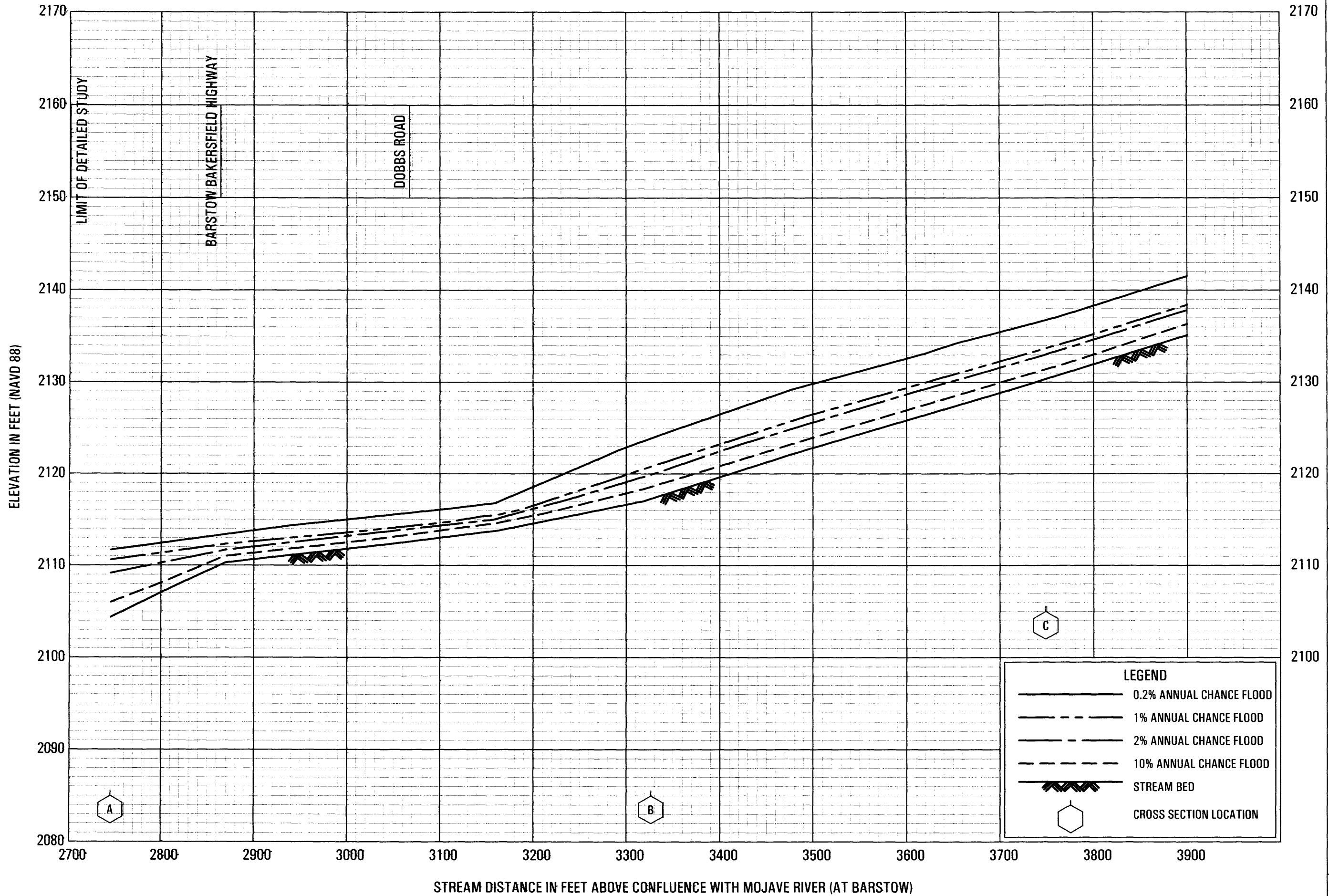
LEGEND

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

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 AND INCORPORATED AREAS

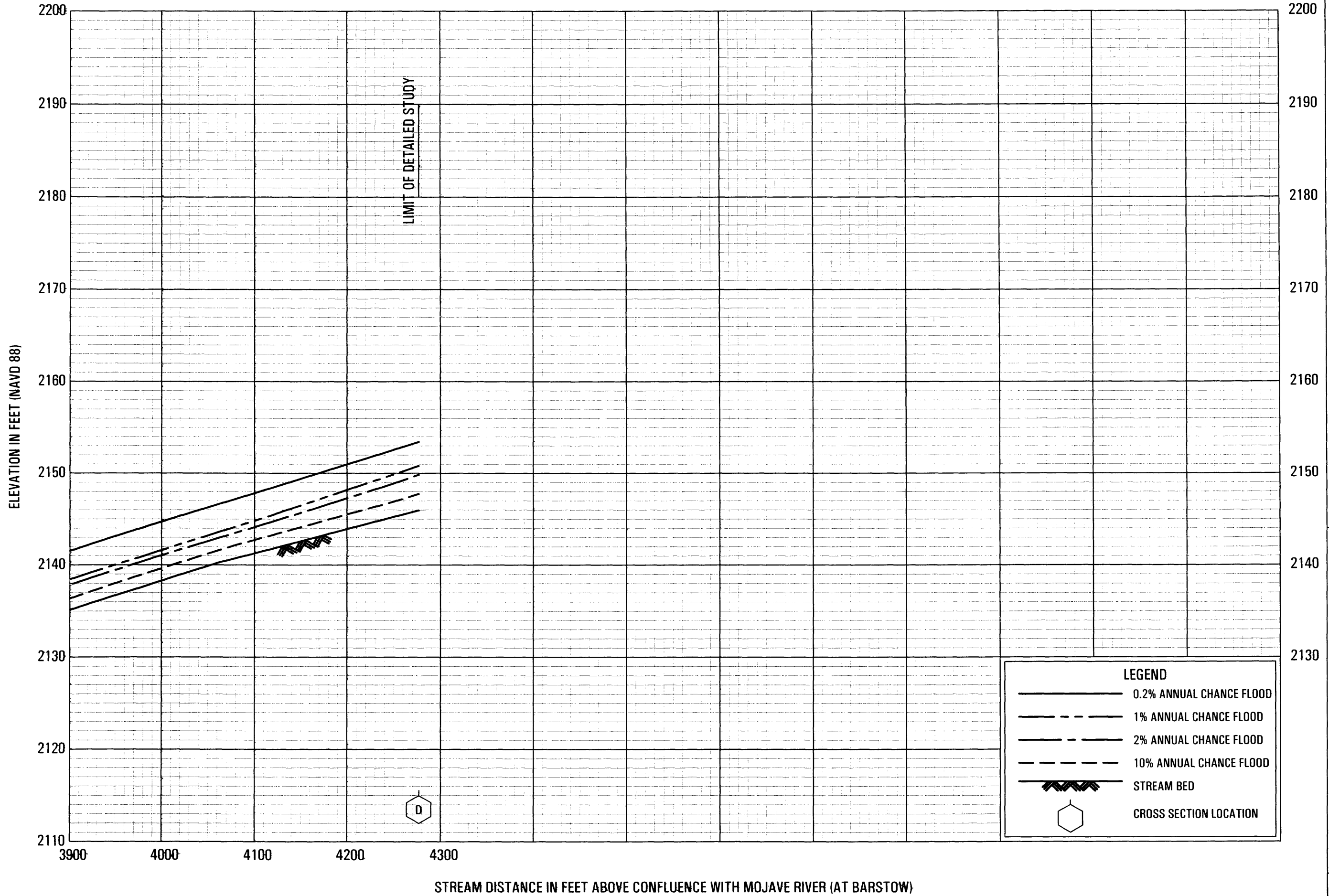
FLOOD PROFILES
 ARMORY CREEK

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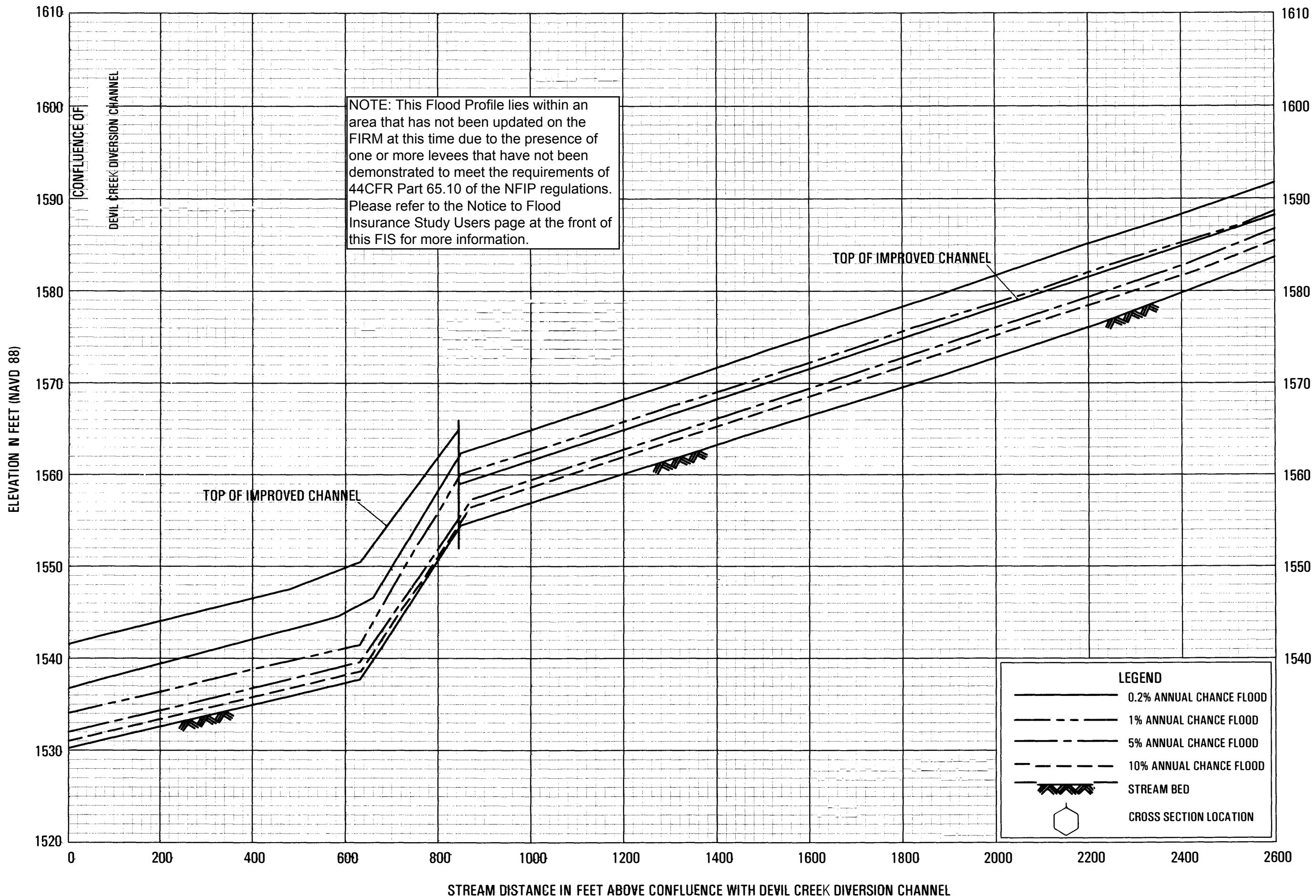
FLOOD PROFILES
ARROWHEAD CHANNEL

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FLOOD PROFILES
ARROWHEAD CHANNEL

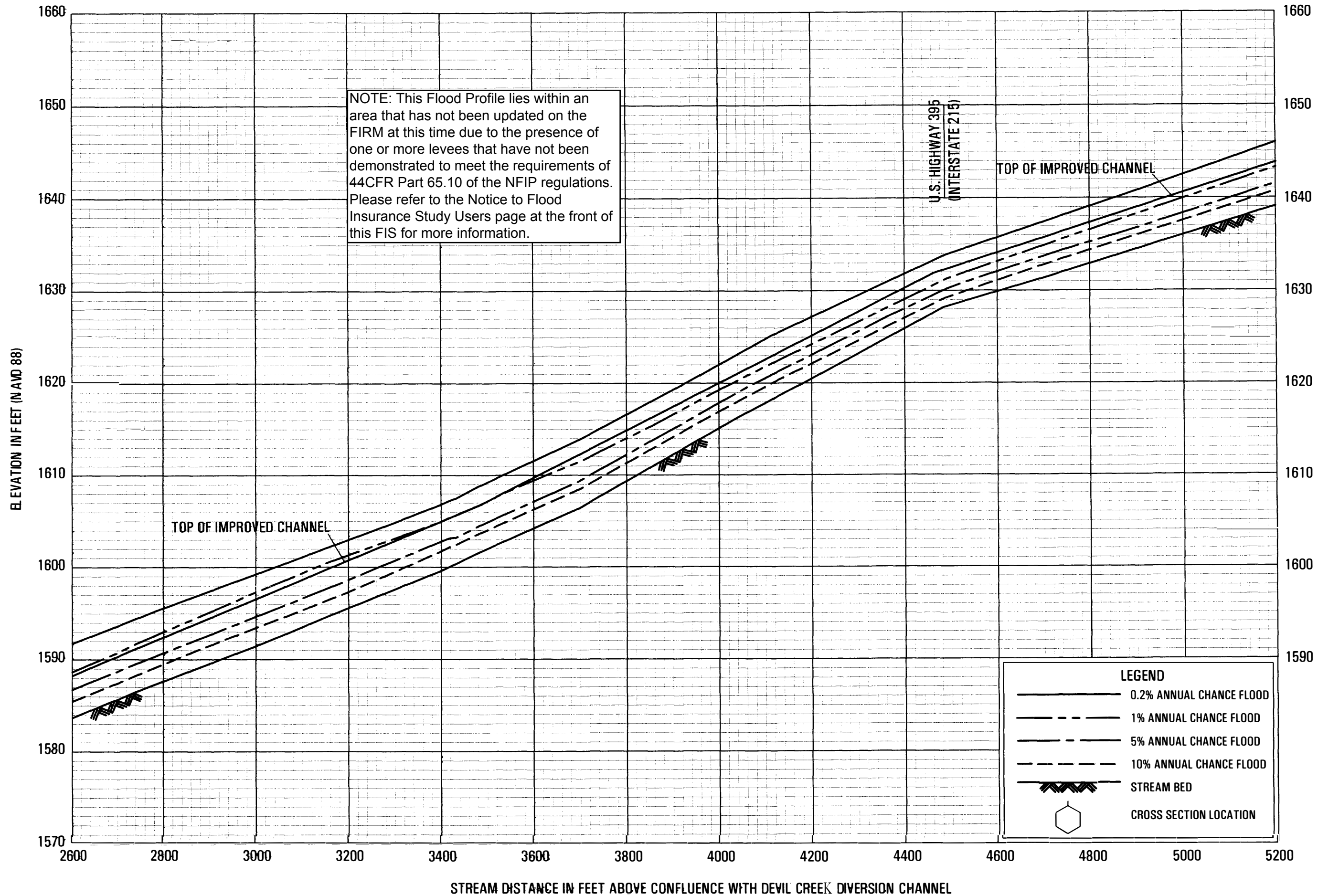
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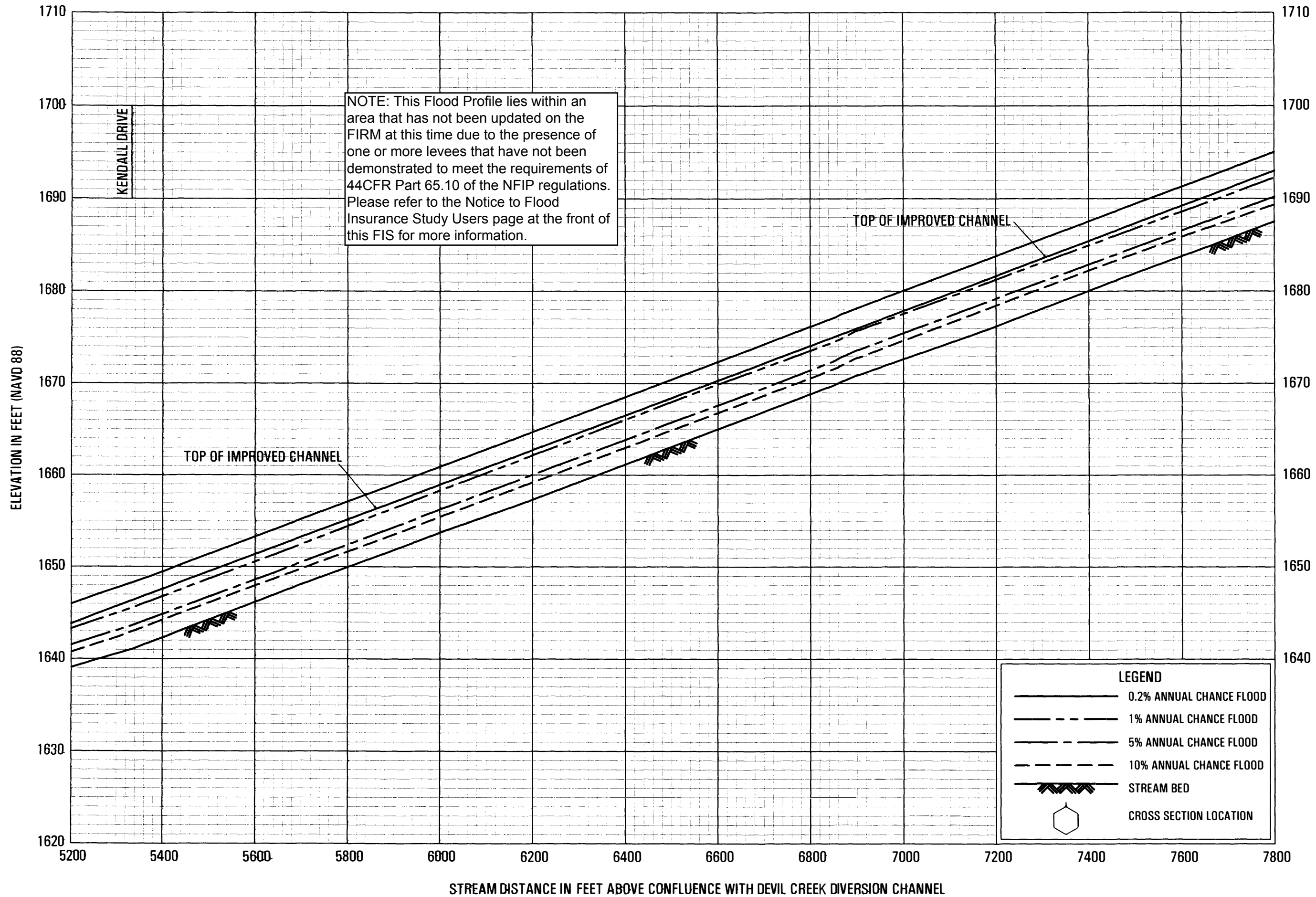


FLOOD PROFILES

CABLE CREEK

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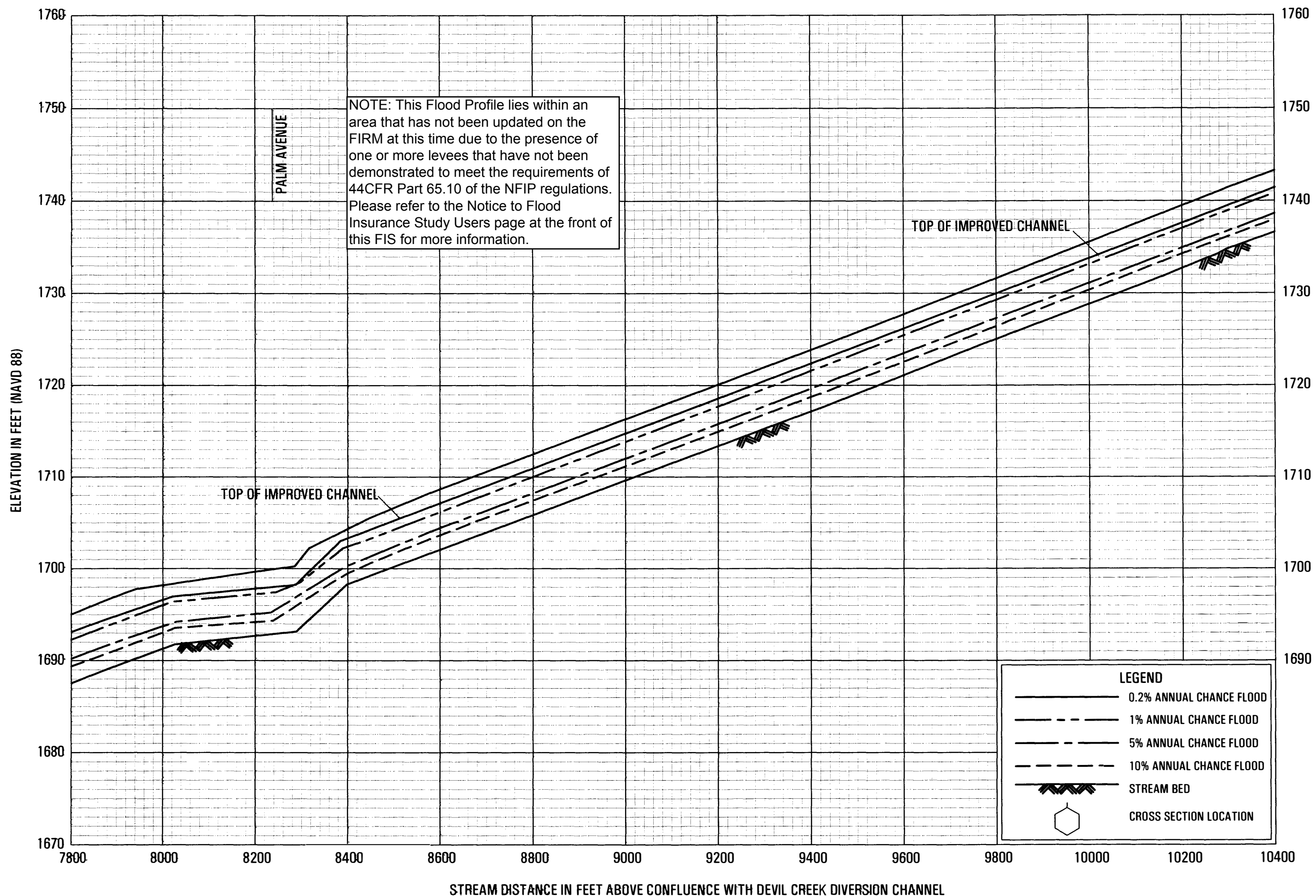




FLOOD PROFILES

CABLE CREEK

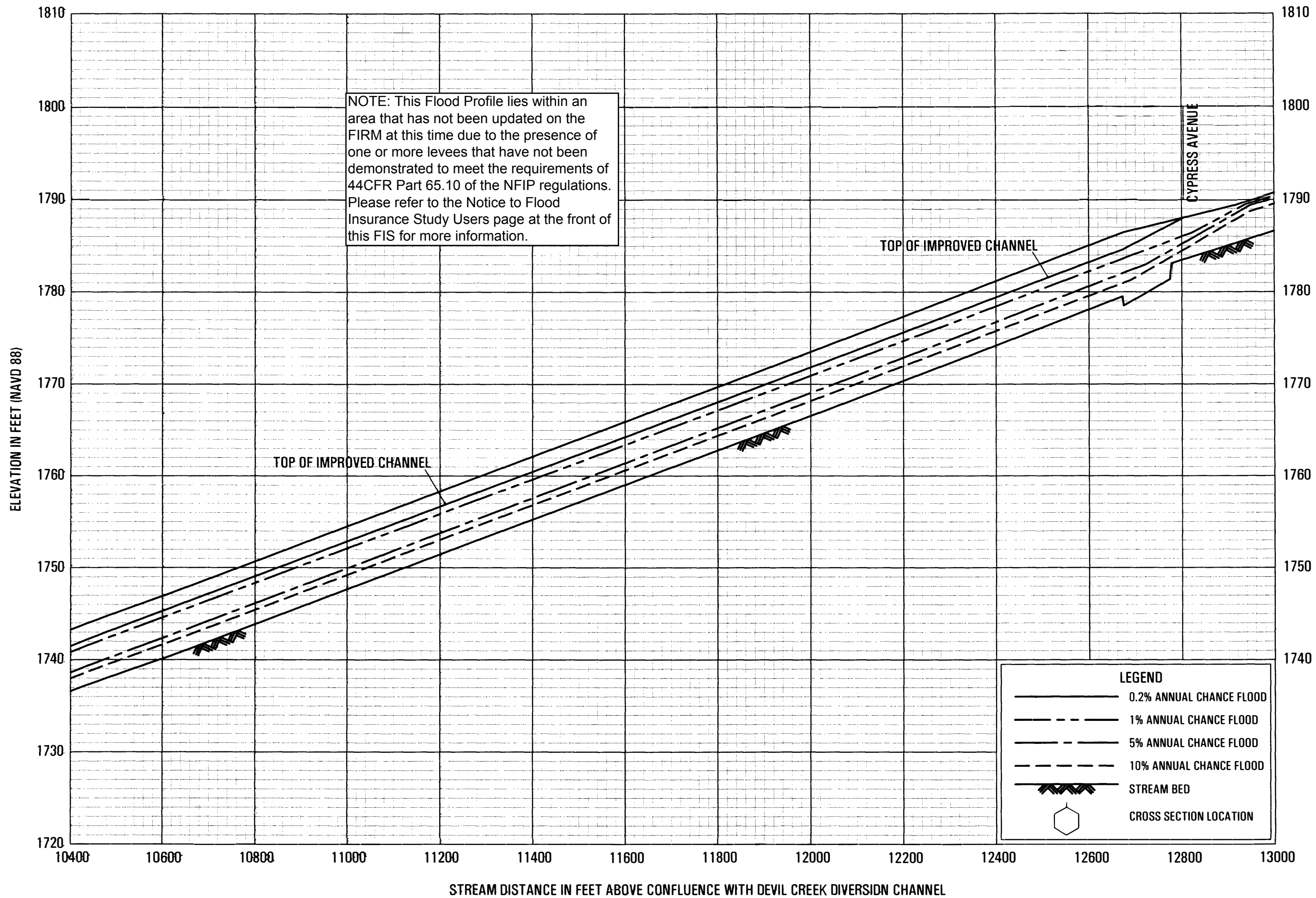
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AND INCORPORATED AREAS**



FLOOD PROFILES

CABLE CREEK

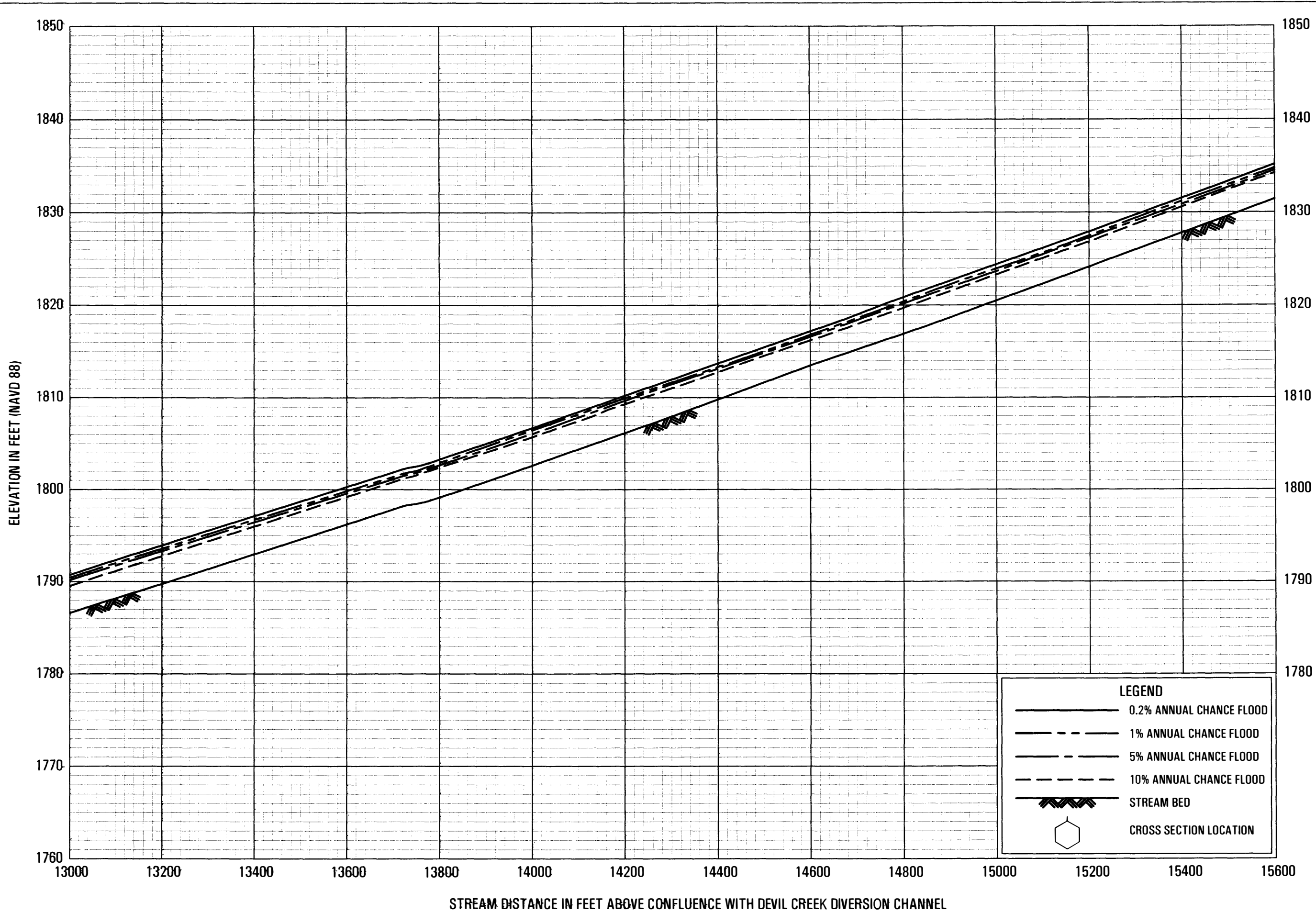
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 AND INCORPORATED AREAS



FLOOD PROFILES

CABLE CREEK

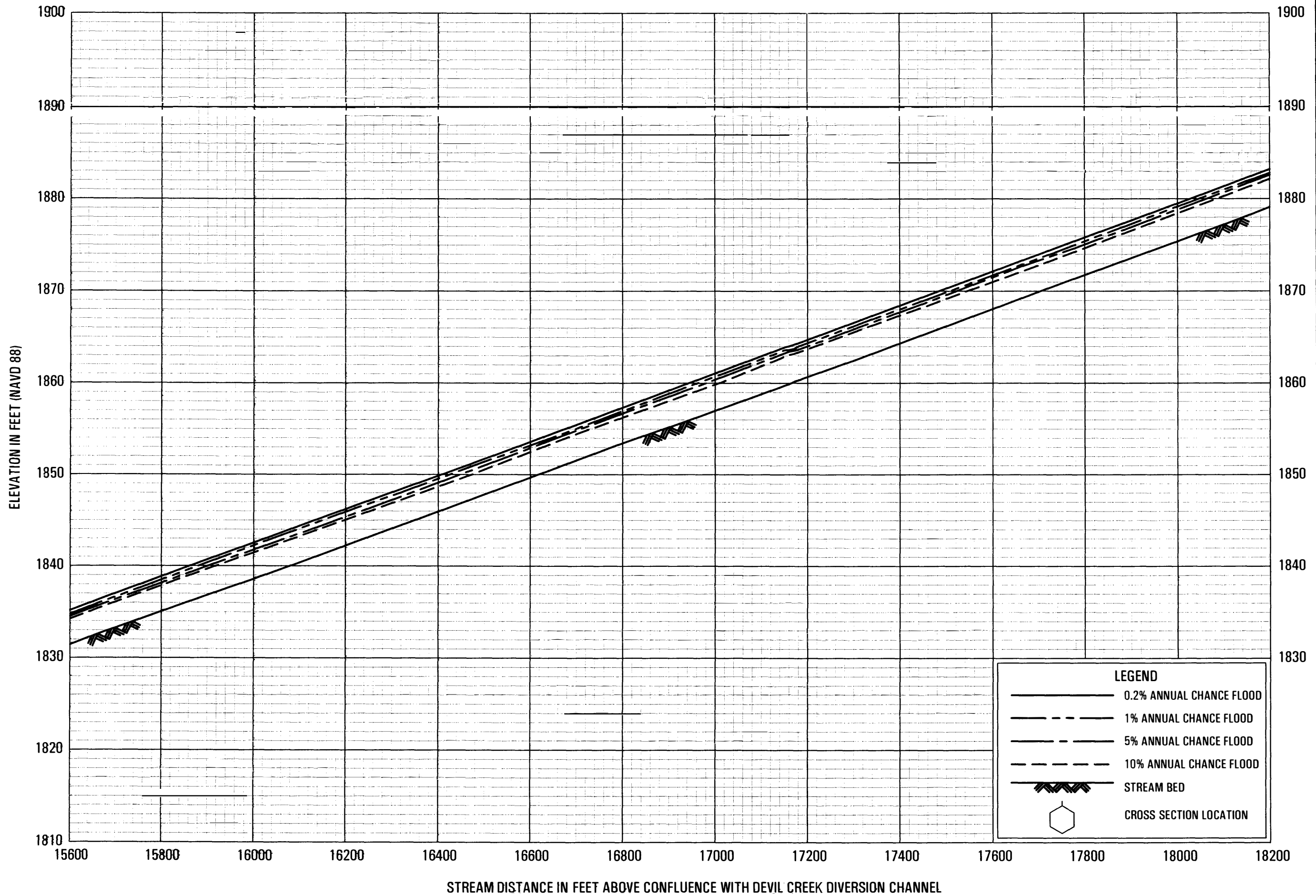
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AND INCORPORATED AREAS**



FLOOD PROFILES

CABLE CREEK

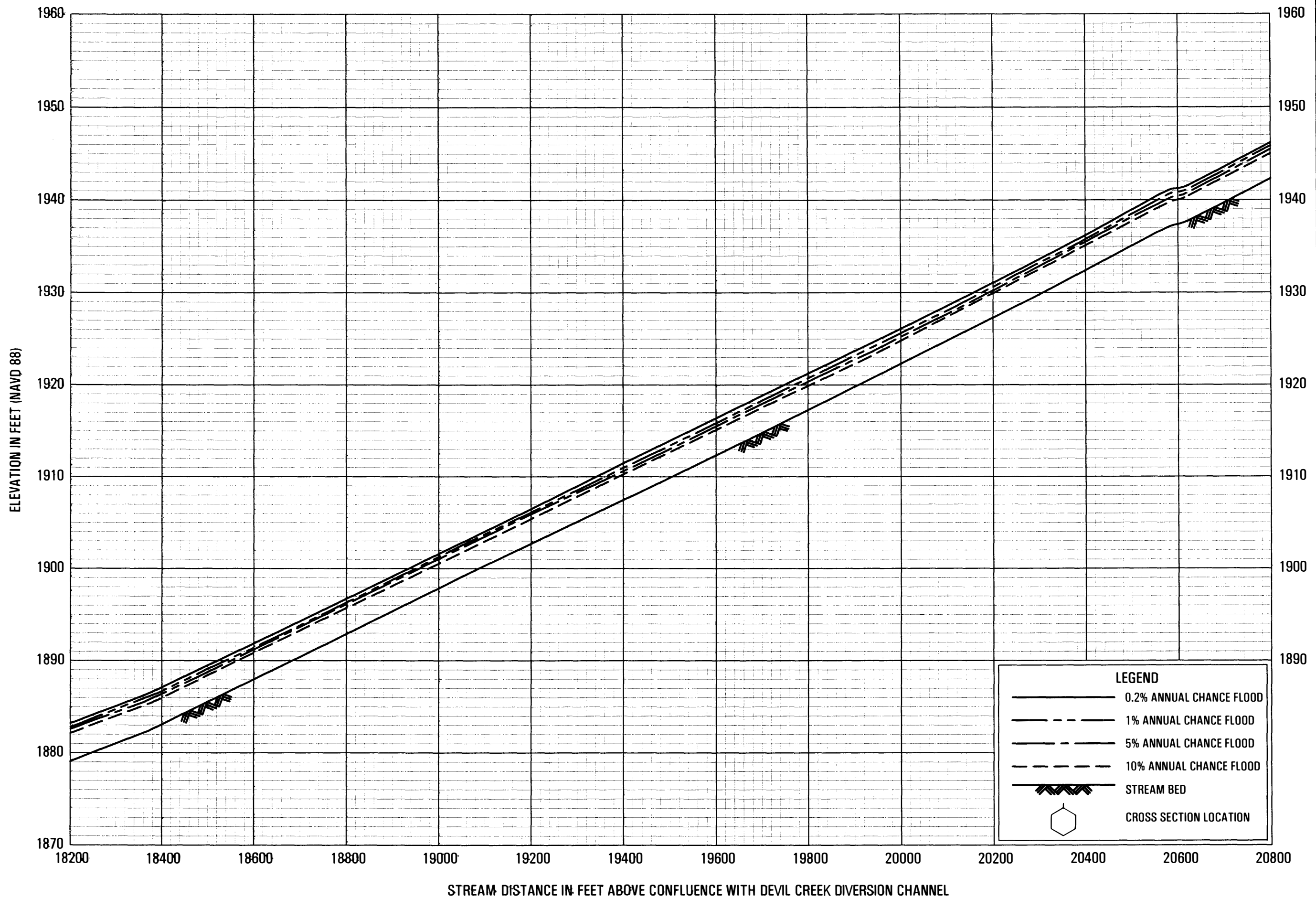
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FLOOD PROFILES

CABLE CREEK

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LEGEND

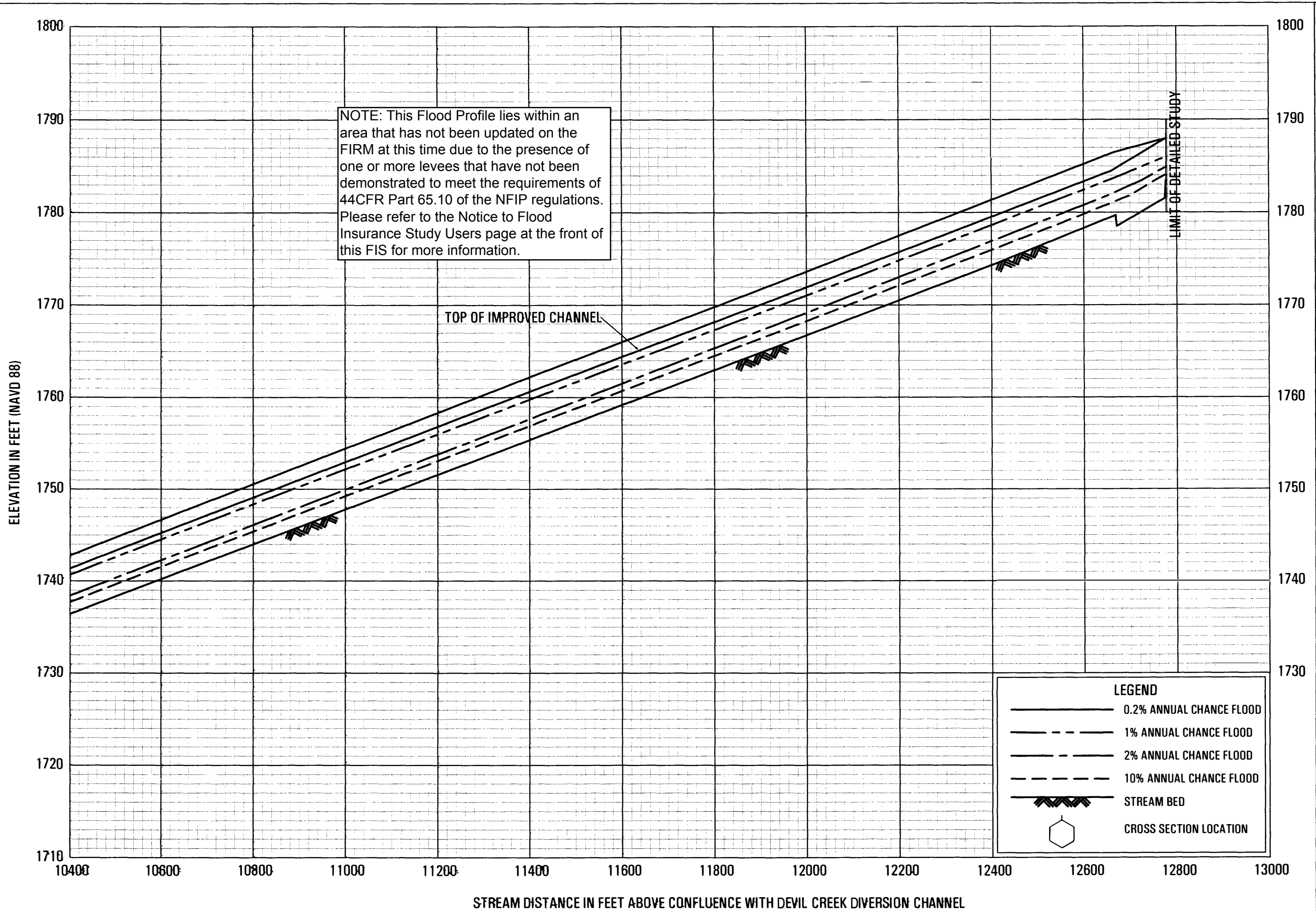
- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- . - 5% ANNUAL CHANCE FLOOD
- - - 10% ANNUAL CHANCE FLOOD
- ~~~~~ STREAM BED
- ⬡ CROSS SECTION LOCATION

FLOOD PROFILES

CABLE CREEK

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AND INCORPORATED AREAS

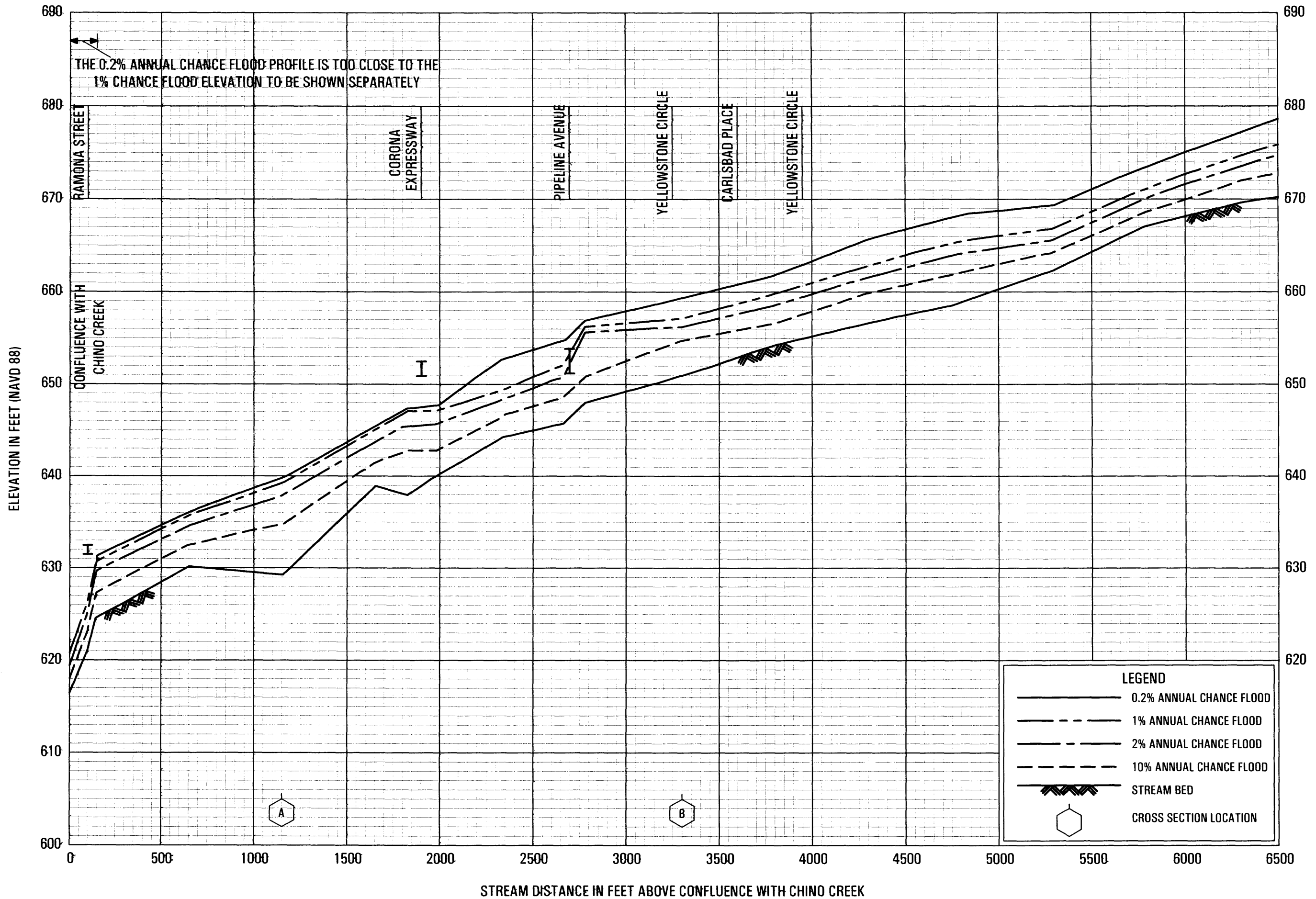


FLOOD PROFILES

CABLE CREEK CHANNEL

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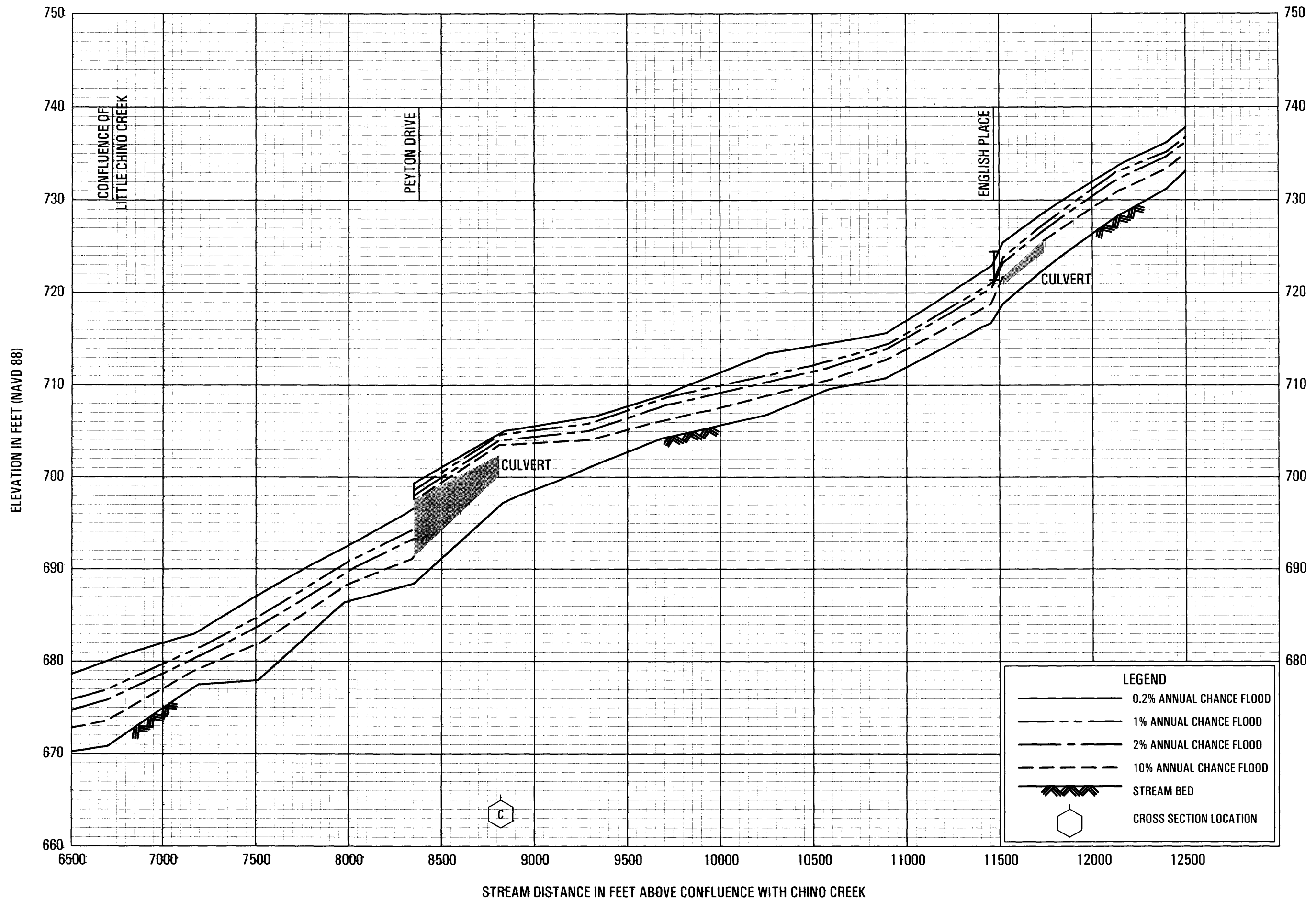
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FLOOD PROFILES

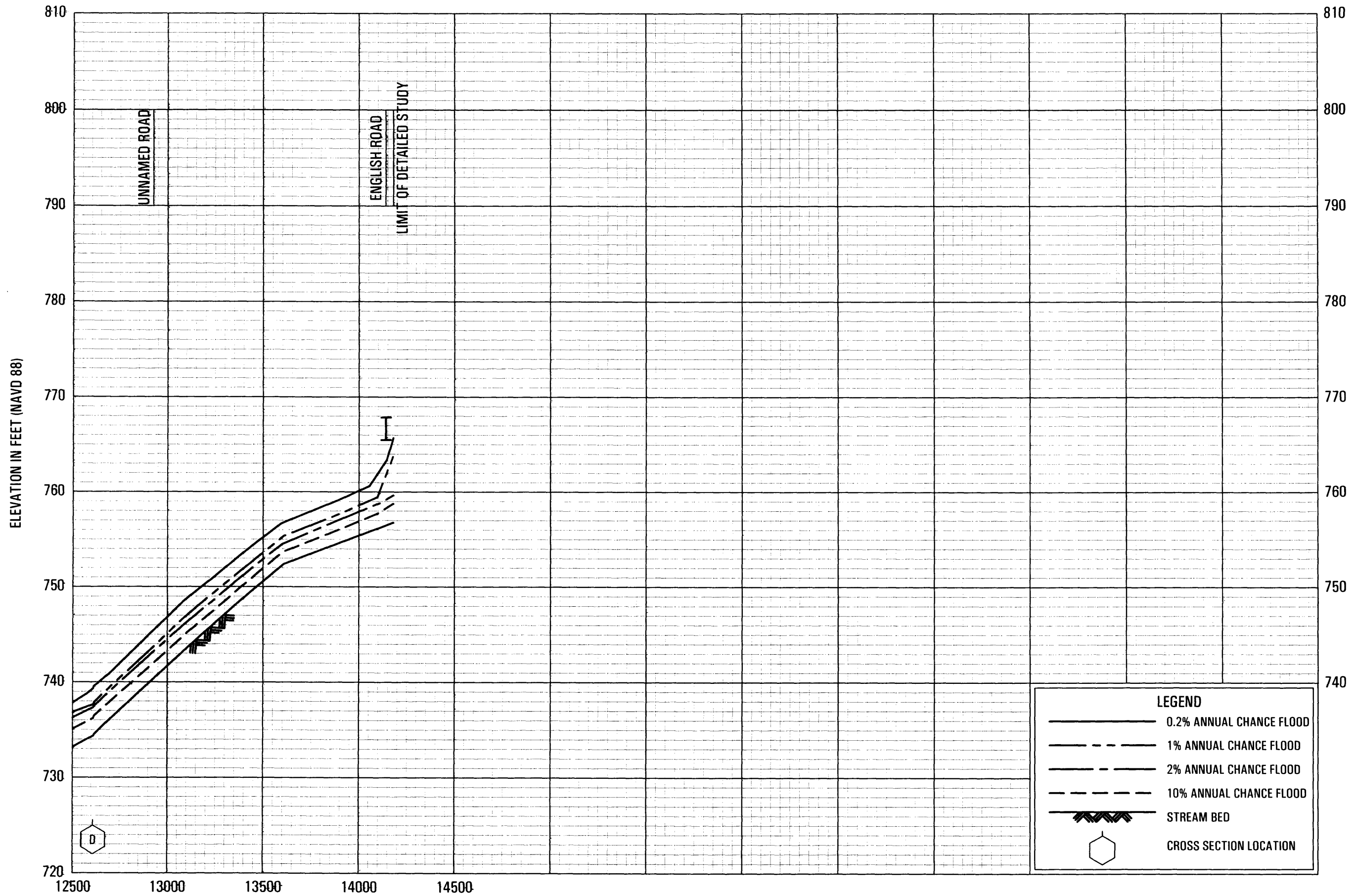
CARBON CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



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 AND INCORPORATED AREAS

FLOOD PROFILES
 CARBON CANYON CREEK

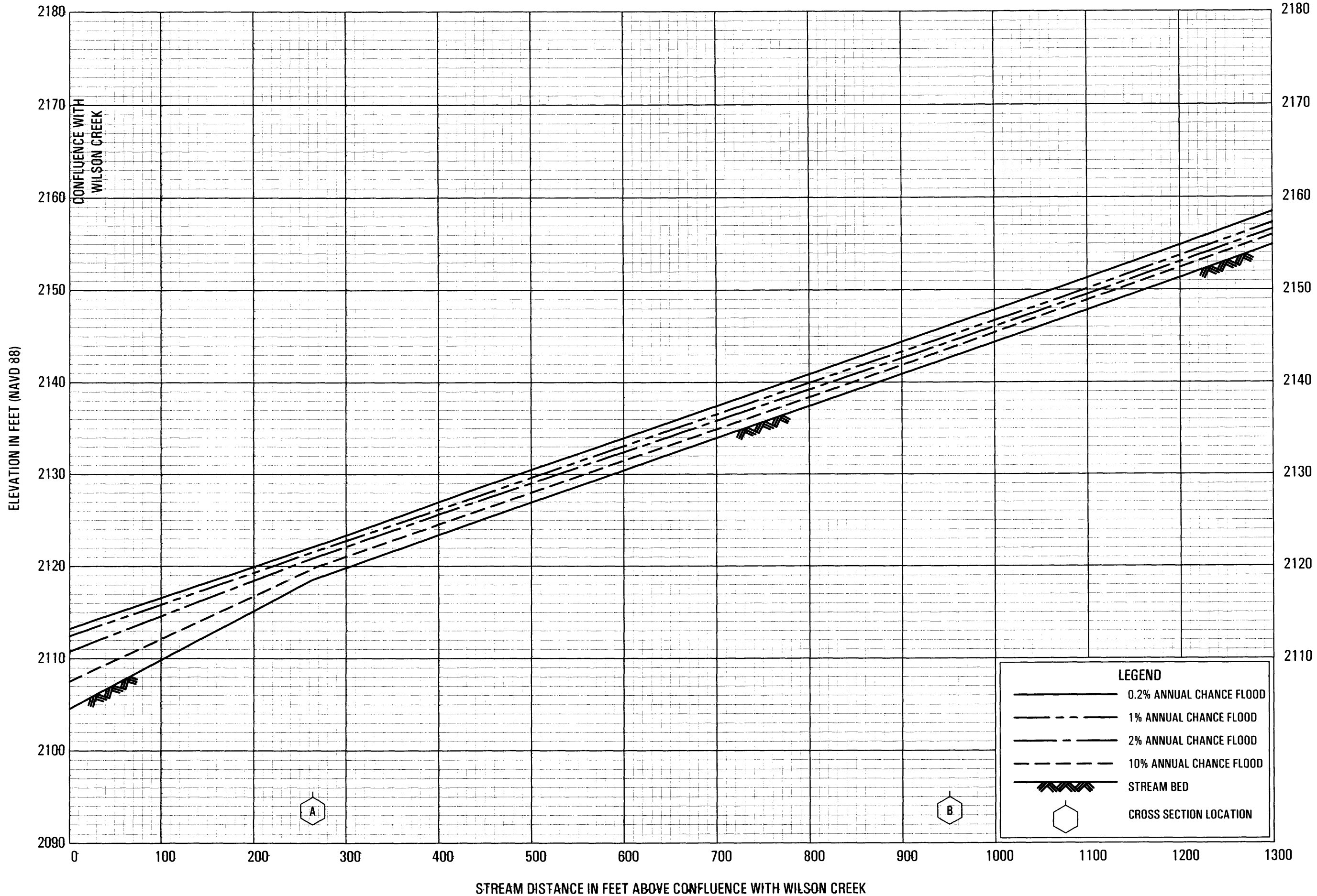


LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

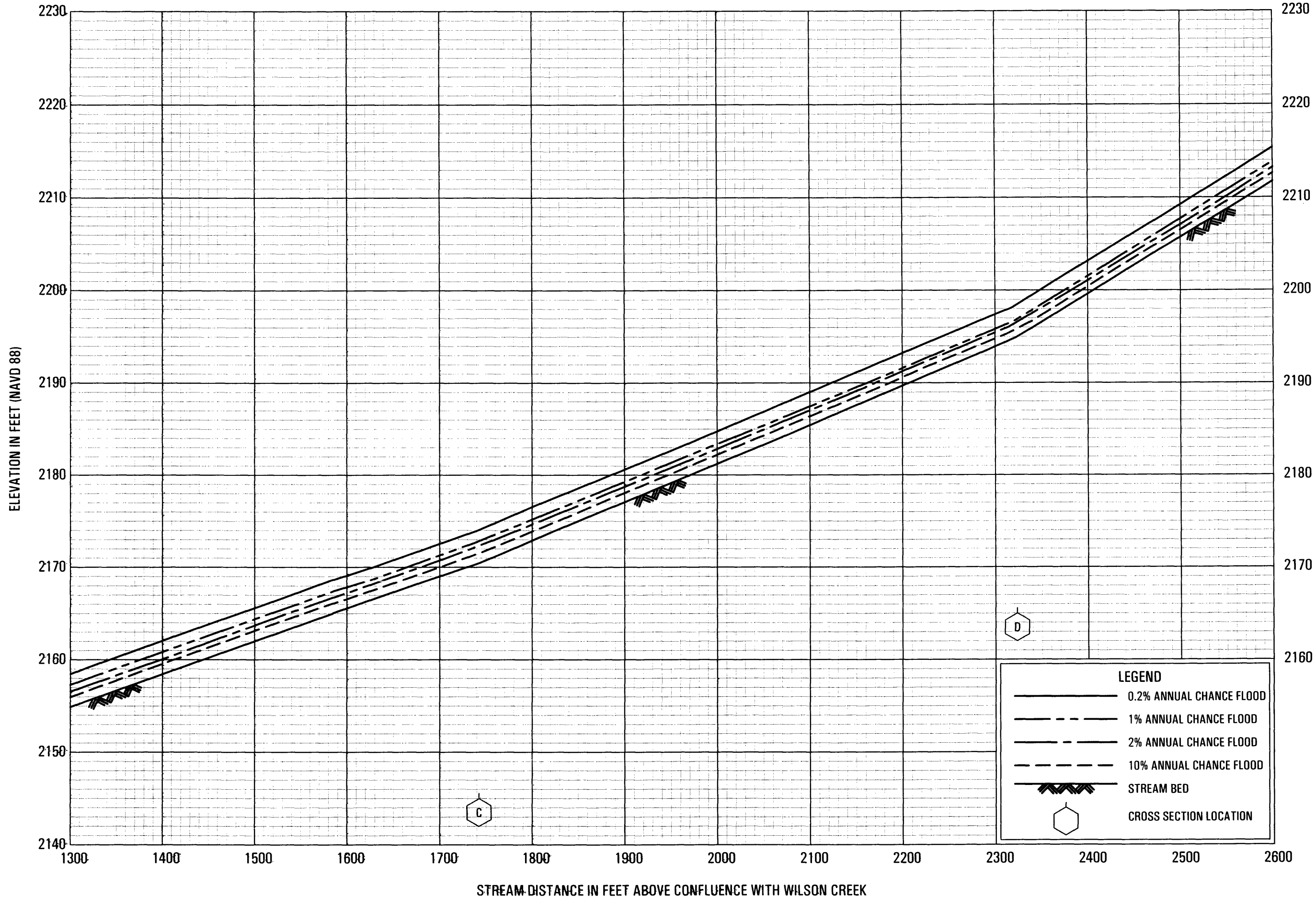
FLOOD PROFILES
 CARBON CANYON CREEK

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH CHINO CREEK



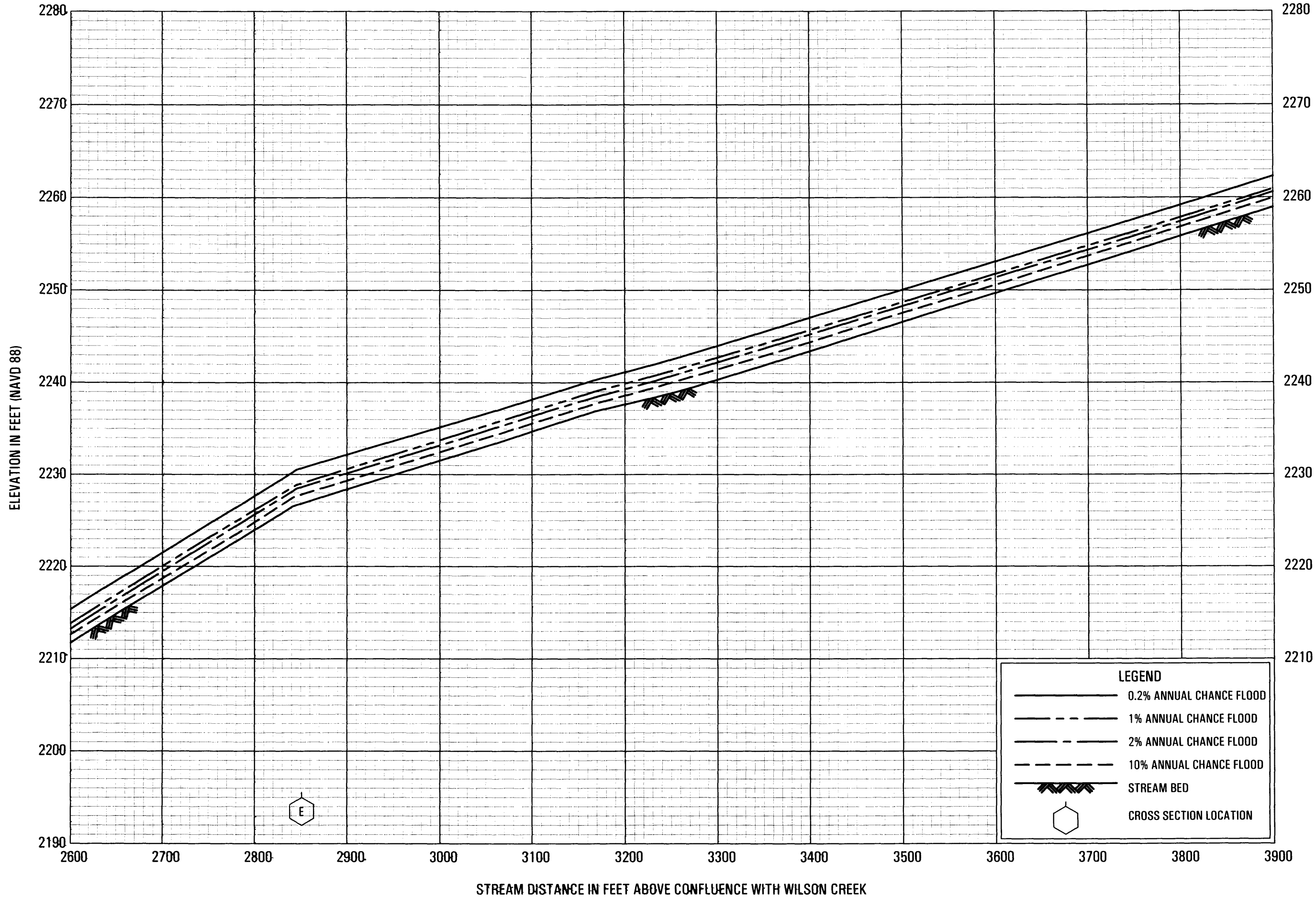
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 AND INCORPORATED AREAS

FLOOD PROFILES
 CHICKEN SPRINGS CREEK



FLOOD PROFILES
CHICKEN SPRINGS CREEK

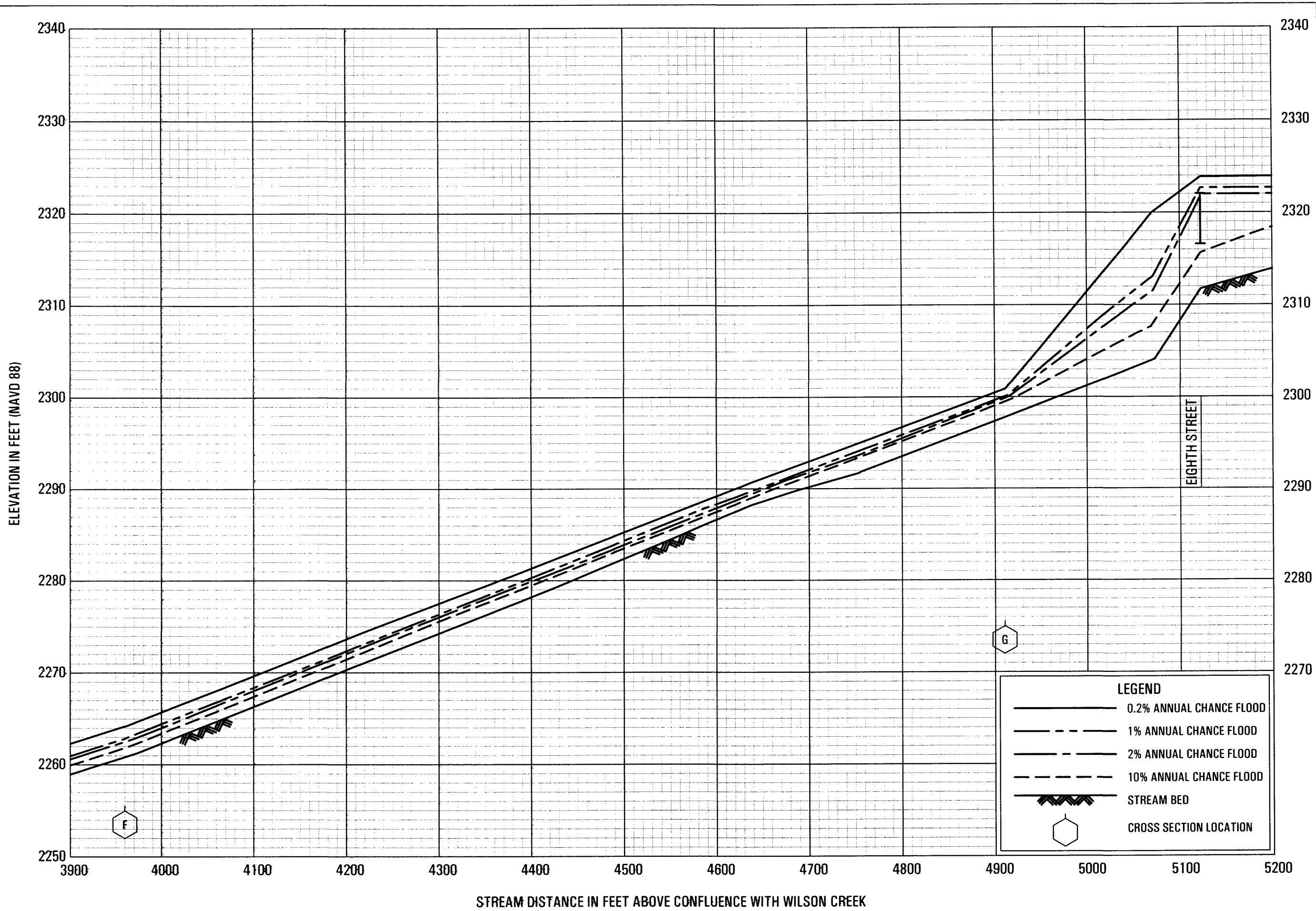
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AND INCORPORATED AREAS



FLOOD PROFILES

CHICKEN SPRINGS CREEK

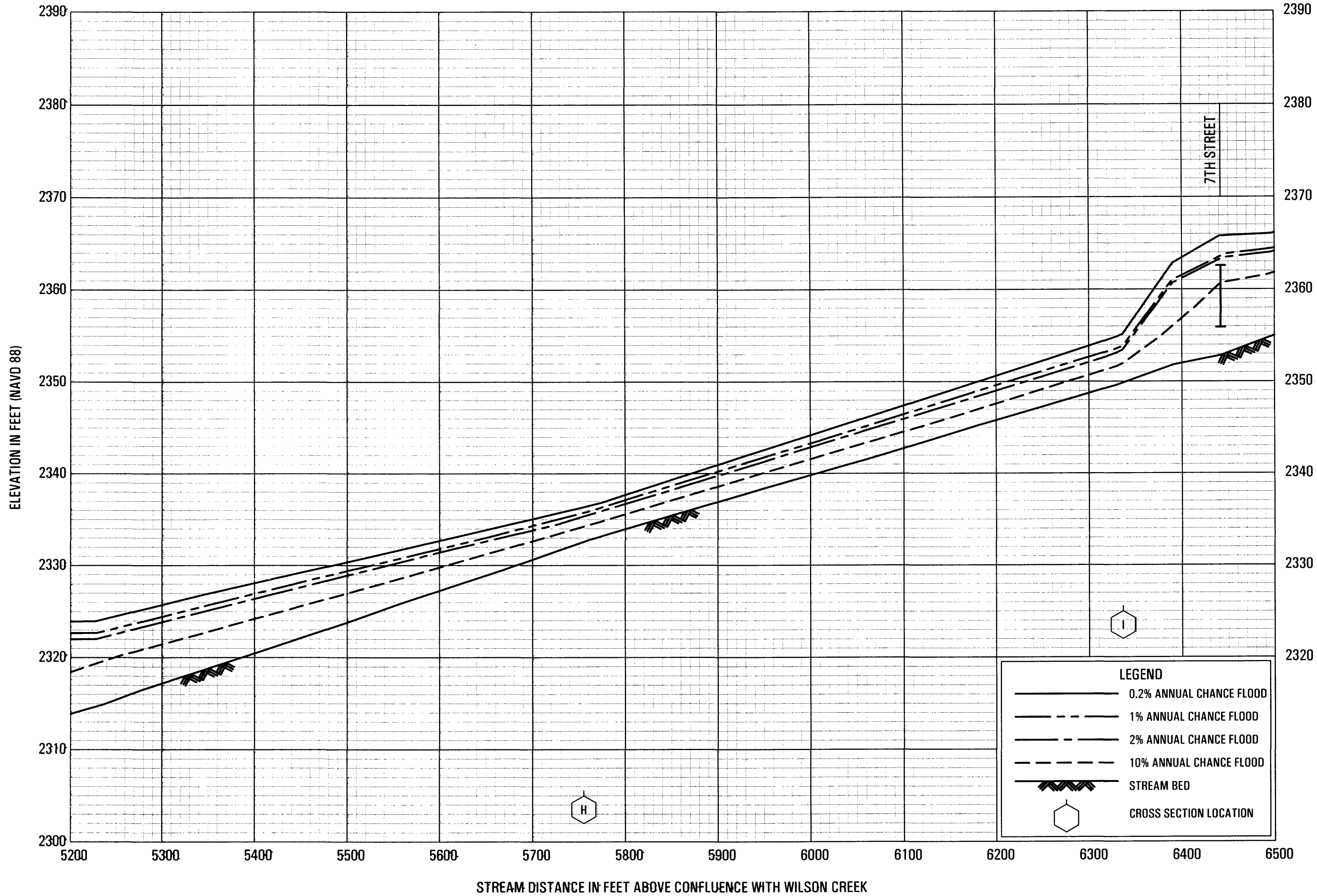
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SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES
CHICKEN SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

29P



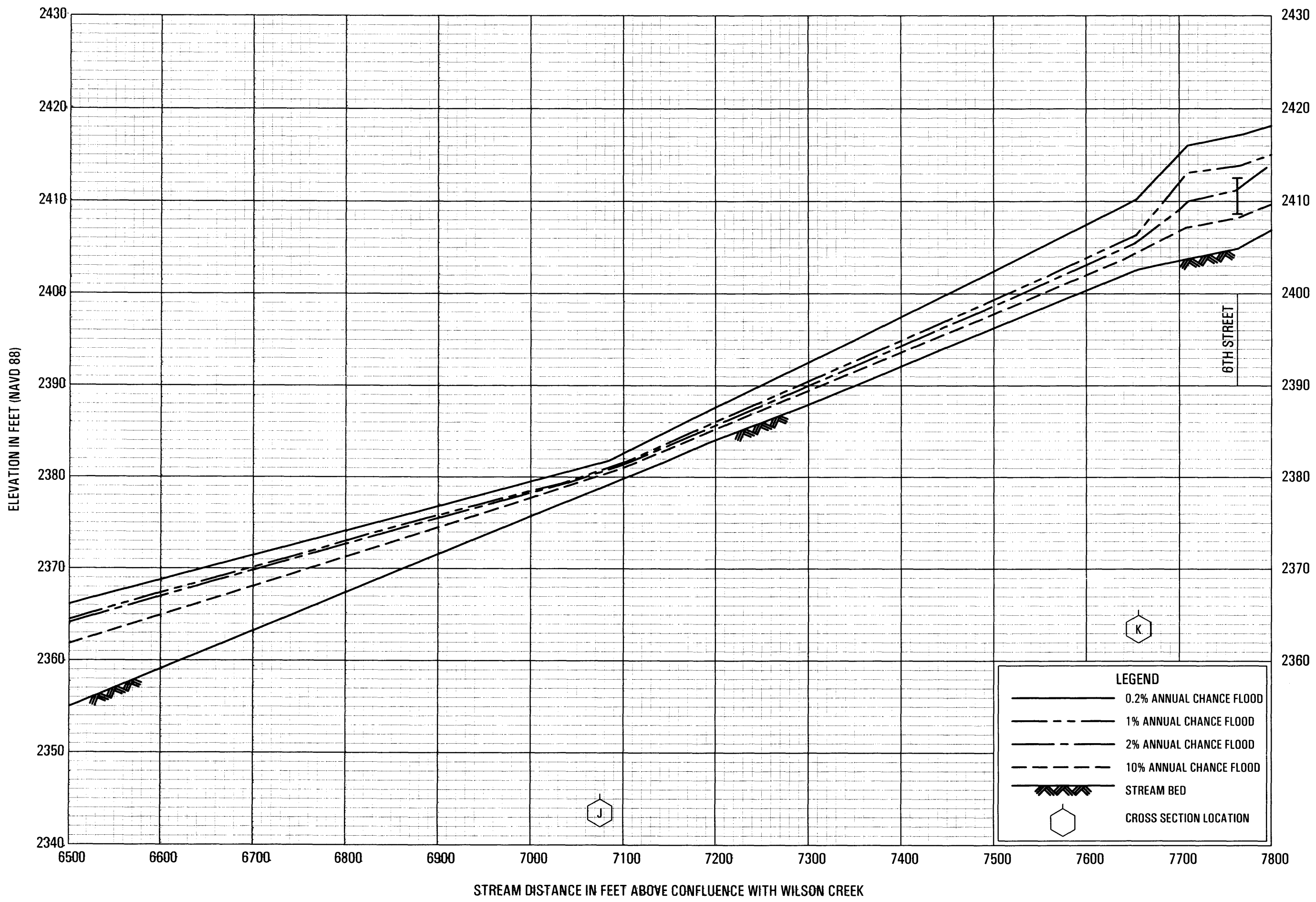
FLOOD PROFILES

CHICKEN SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

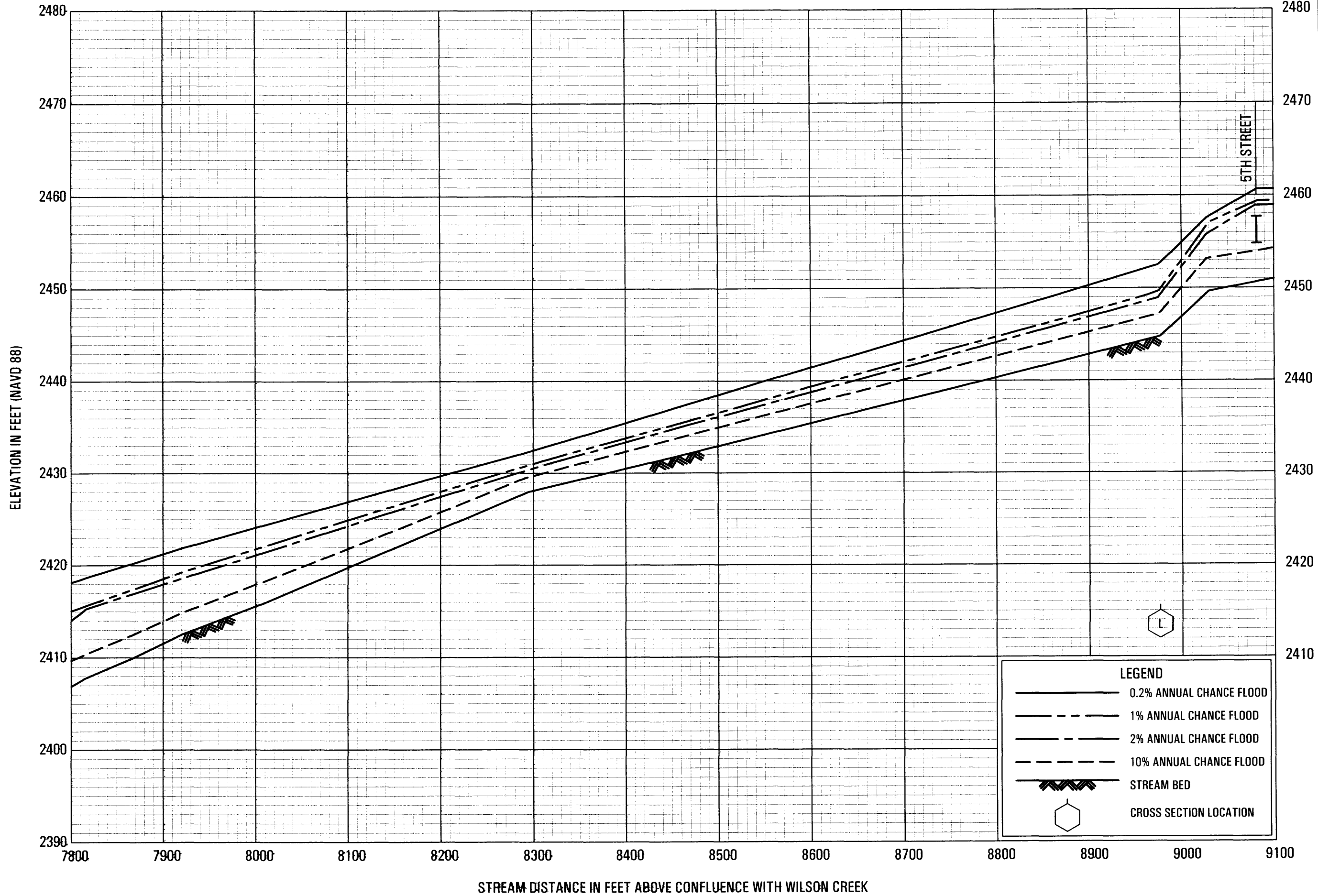
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AND INCORPORATED AREAS



FLOOD PROFILES
CHICKEN SPRINGS CREEK

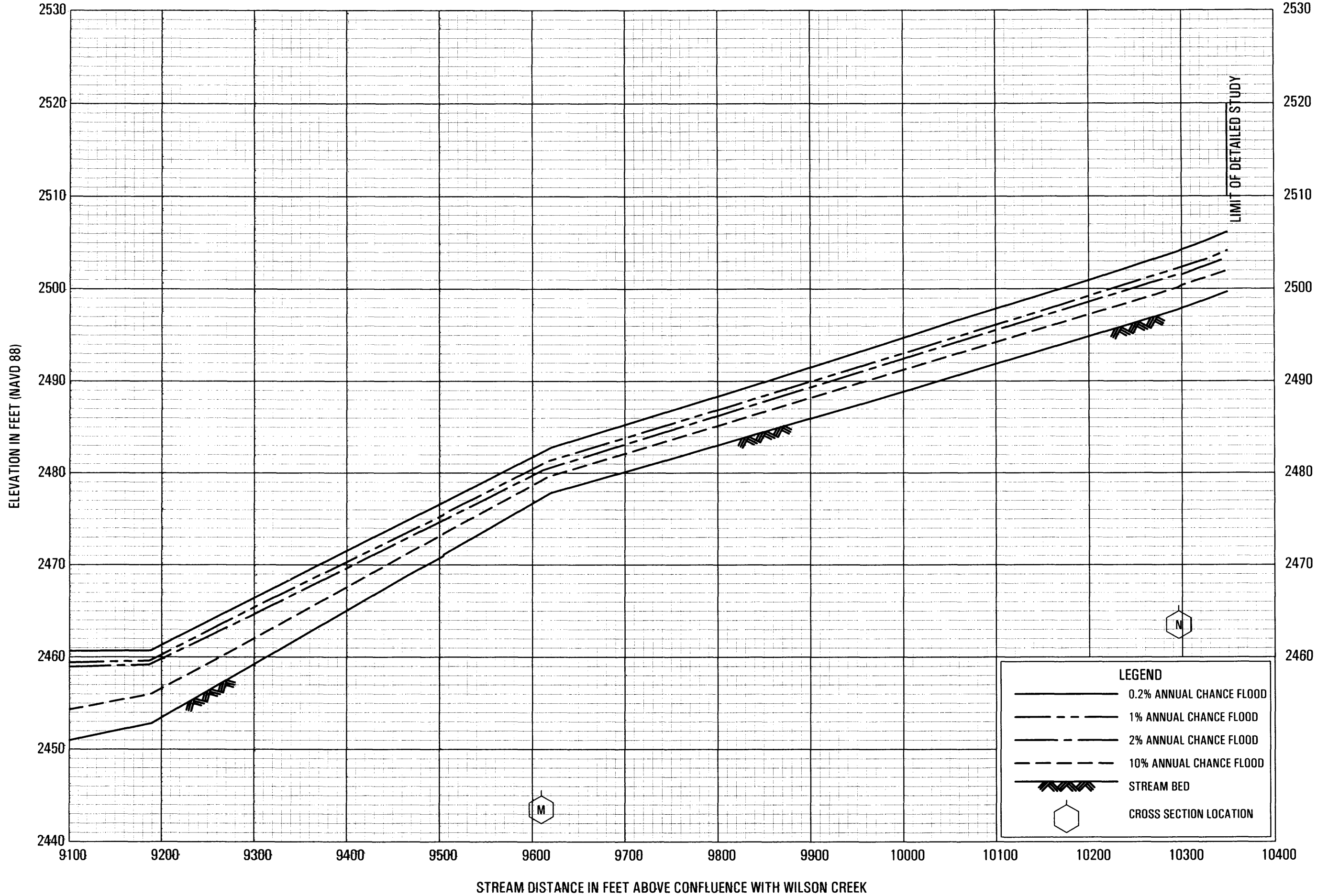
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
CHICKEN SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

32P



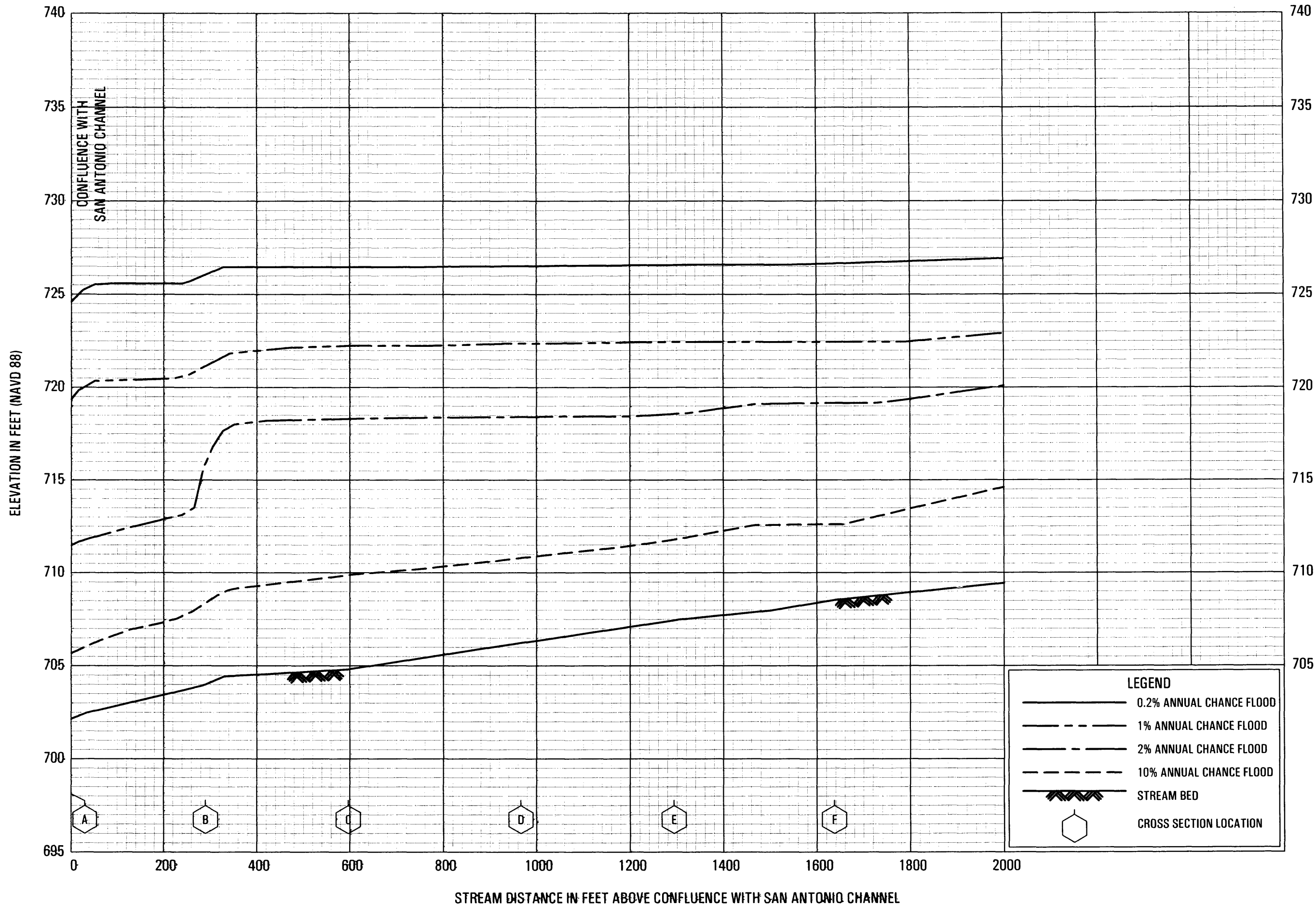
FLOOD PROFILES

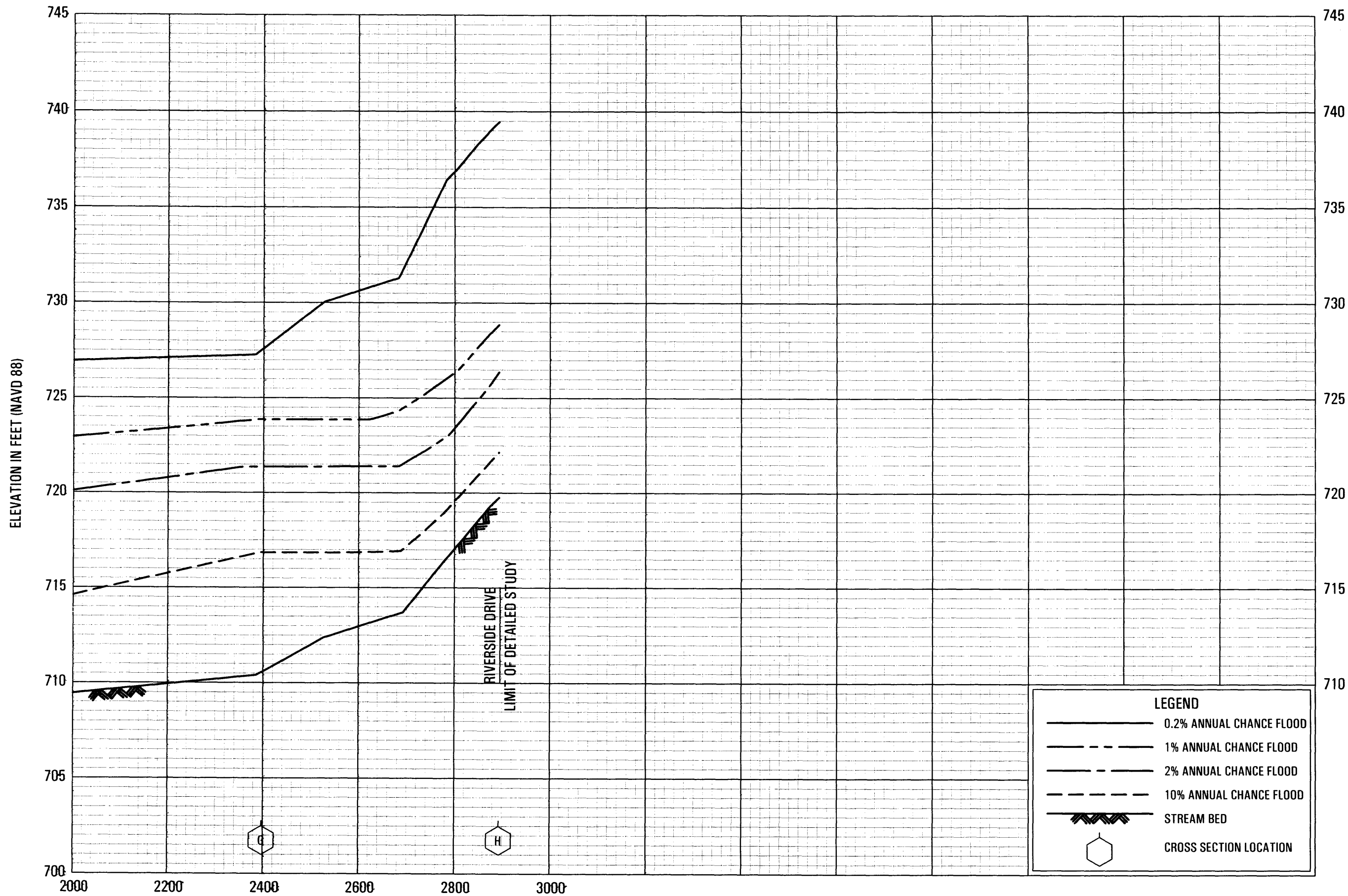
CHICKEN SPRINGS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA

AND INCORPORATED AREAS



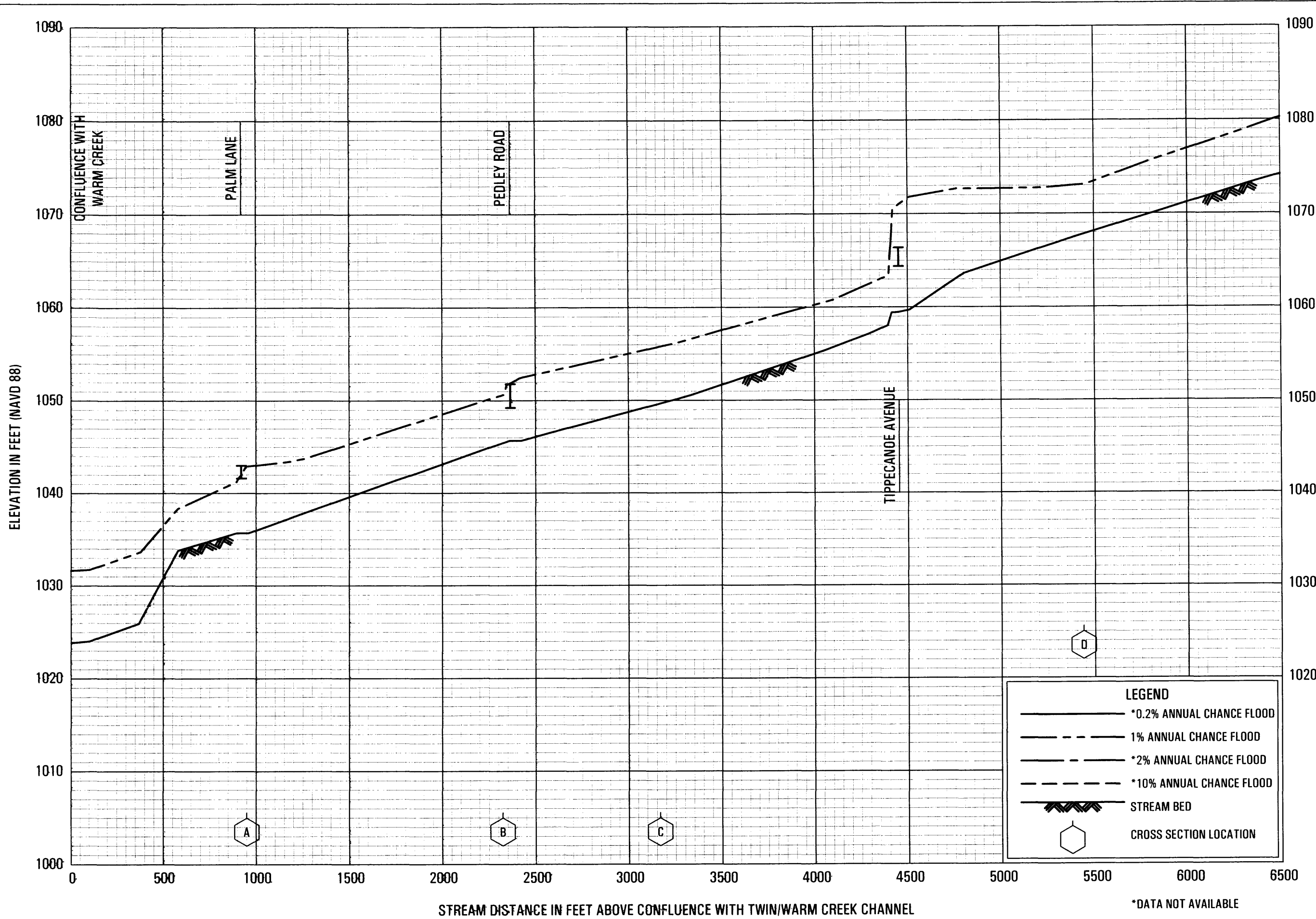


FLOOD PROFILES

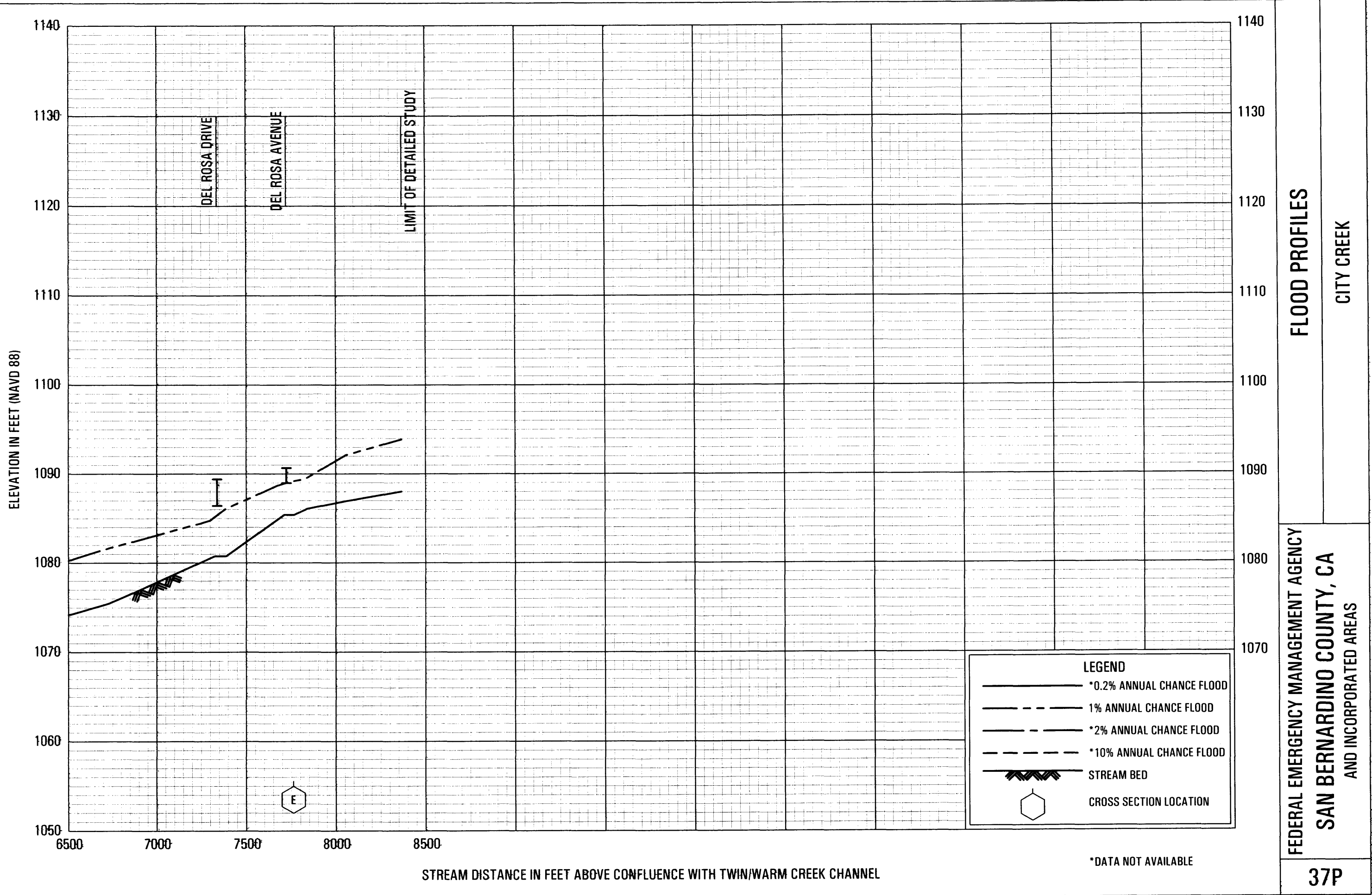
CHINO CREEK

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**

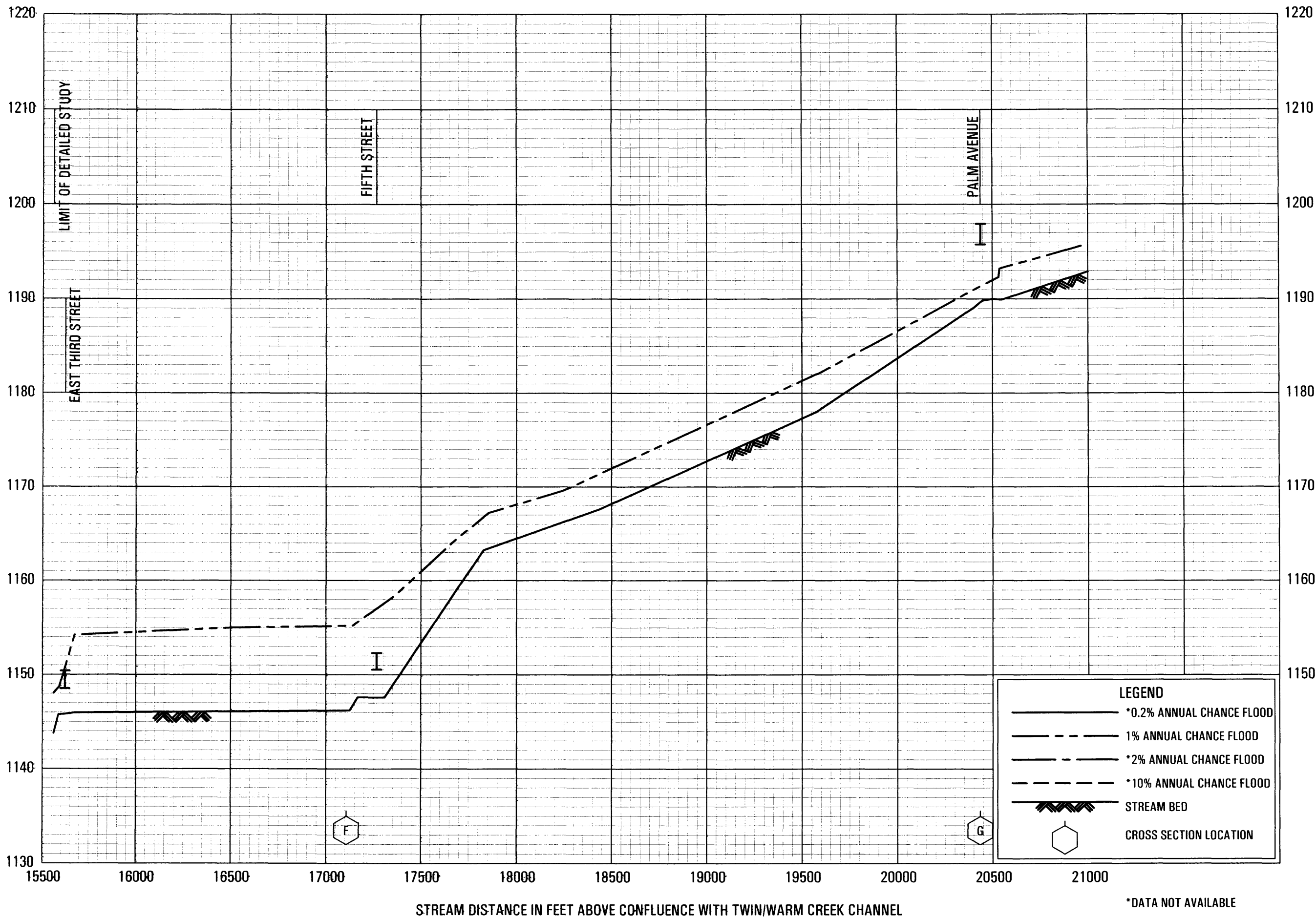
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SAN ANTONIO CHANNEL



*DATA NOT AVAILABLE



ELEVATION IN FEET (NAVD 88)

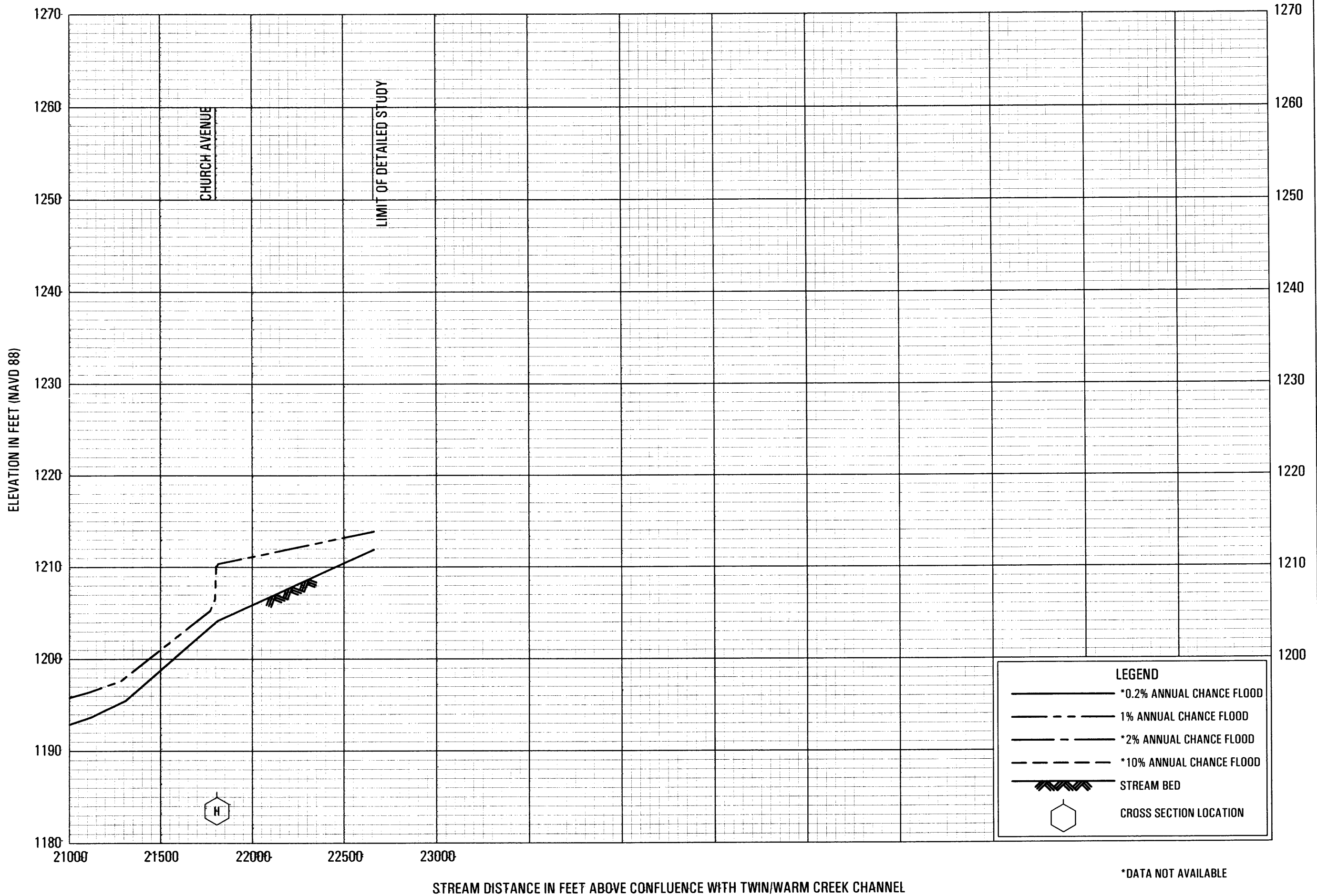


FLOOD PROFILES

CITY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

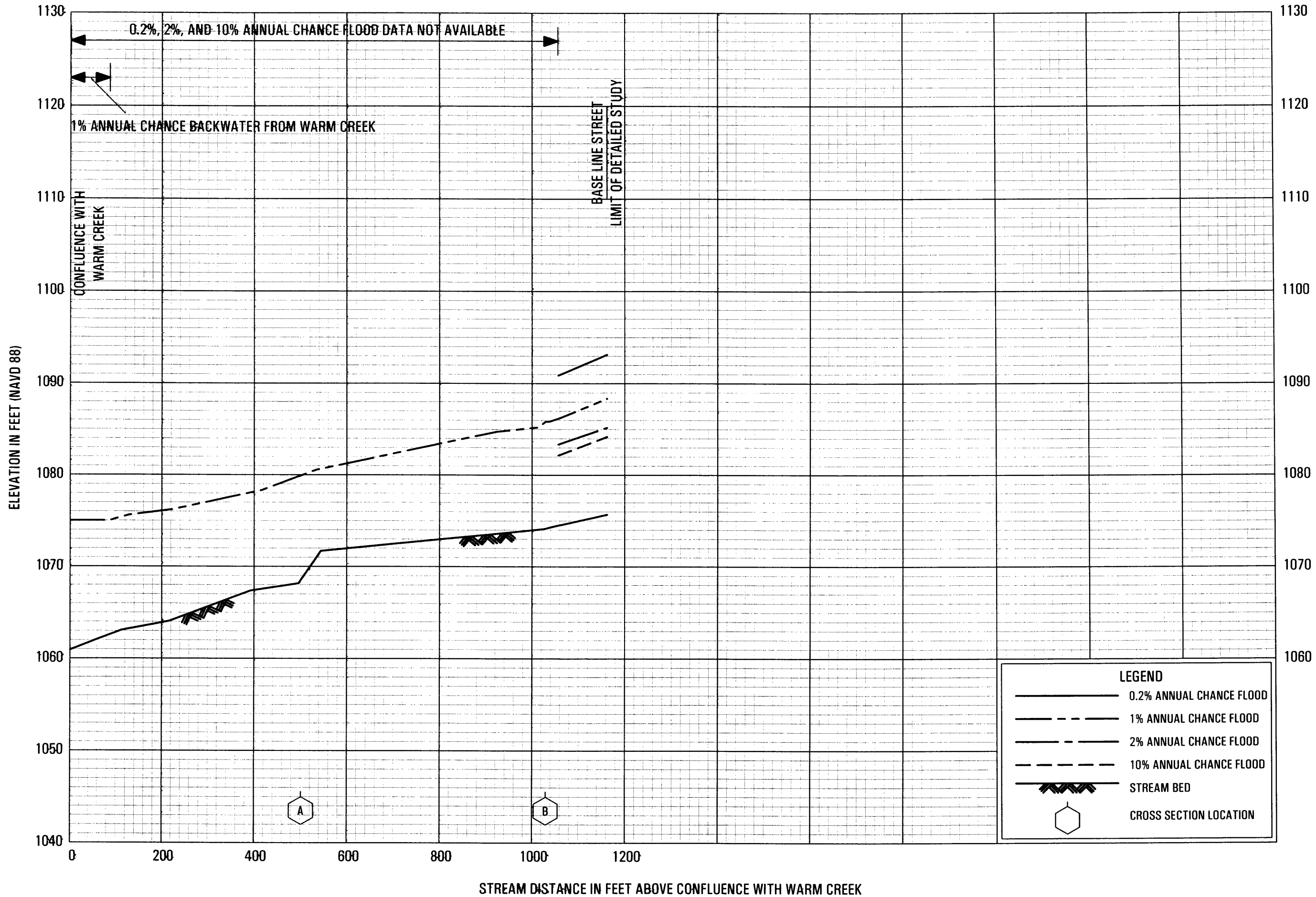
*DATA NOT AVAILABLE



*DATA NOT AVAILABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

FLOOD PROFILES
 CITY CREEK

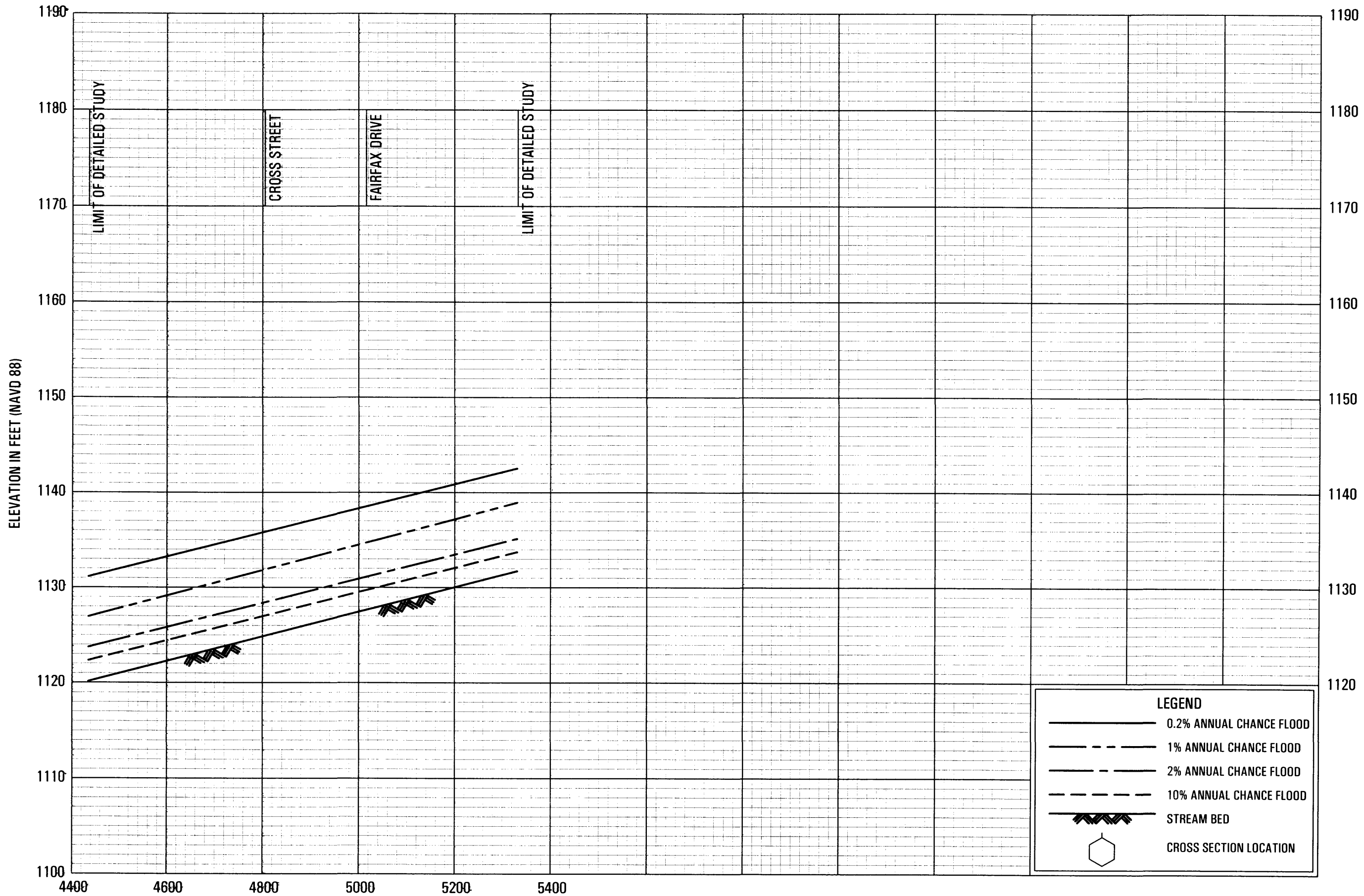


FLOOD PROFILES

DEL ROSA CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY

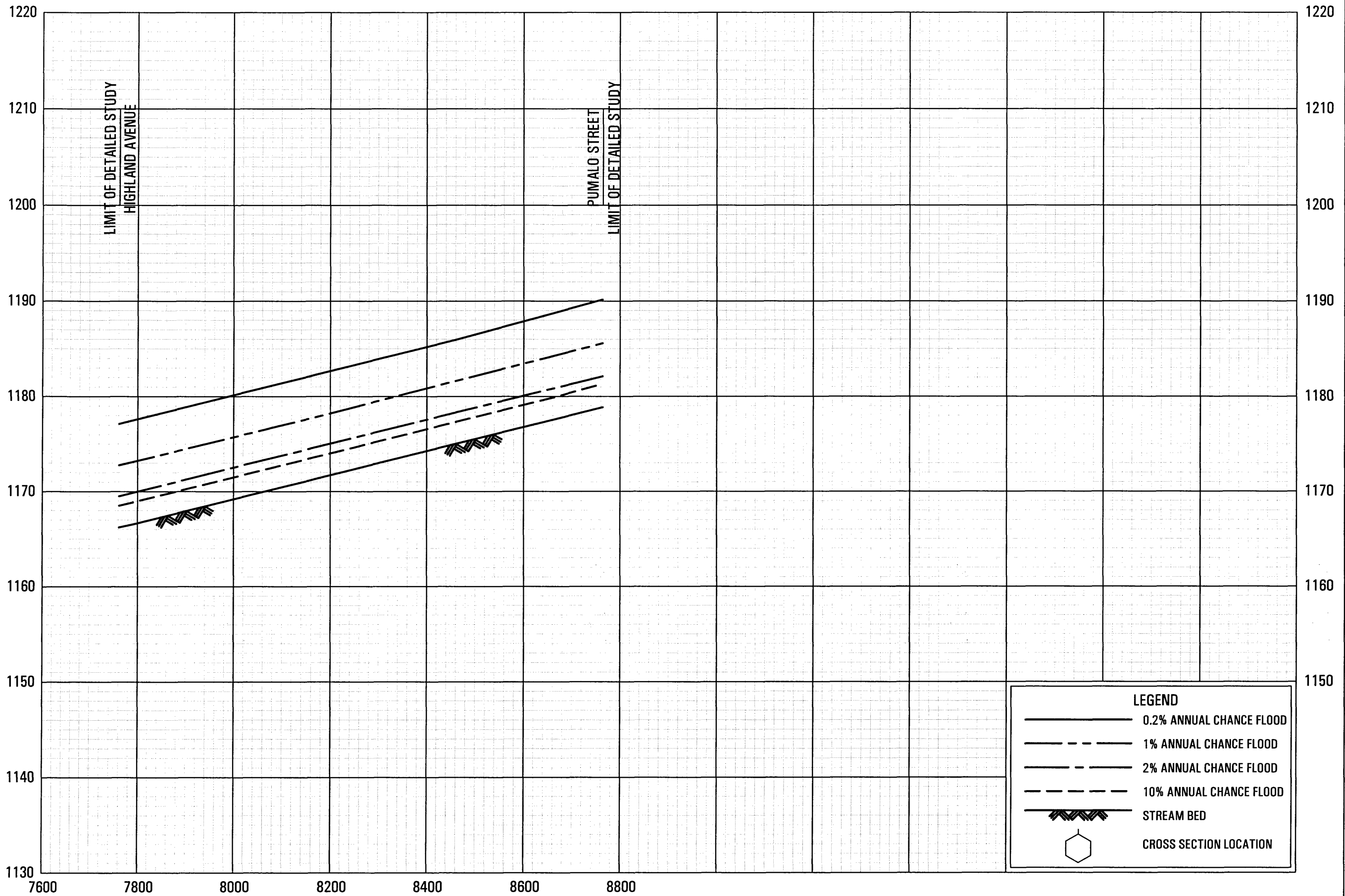
**SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES
DEL ROSA CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD 88)

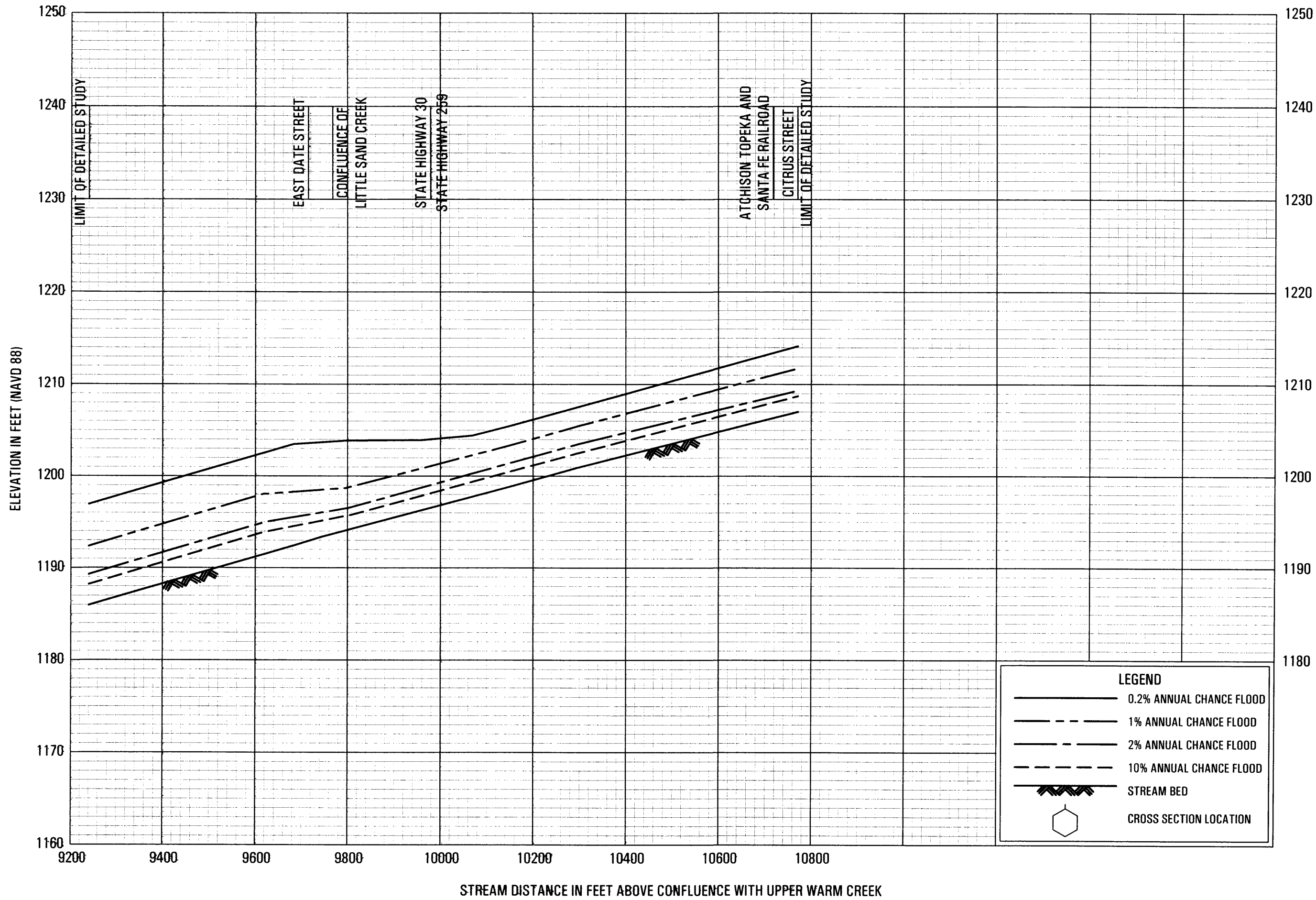


FLOOD PROFILES

DEL ROSA CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY

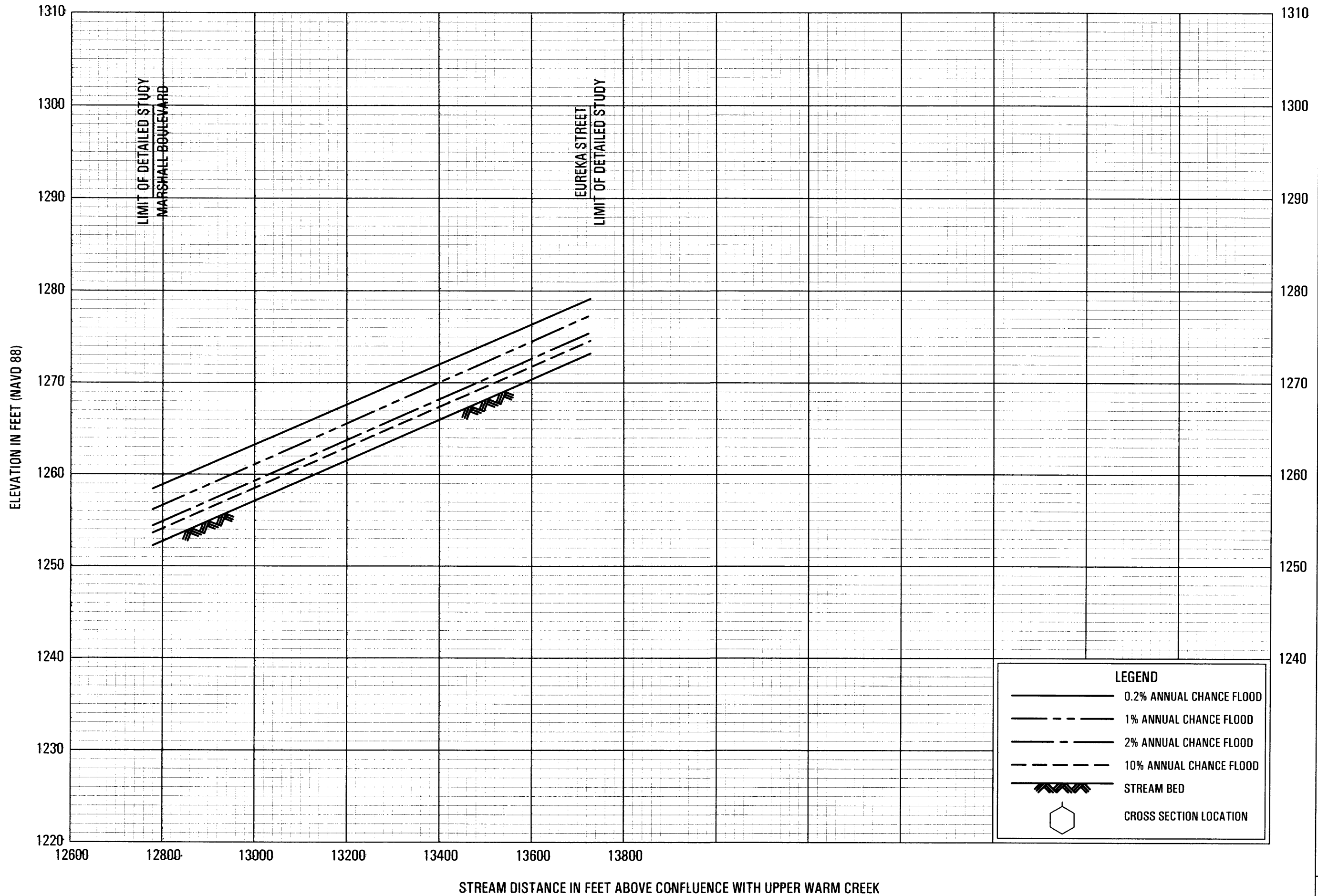
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

DEL ROSA CHANNEL

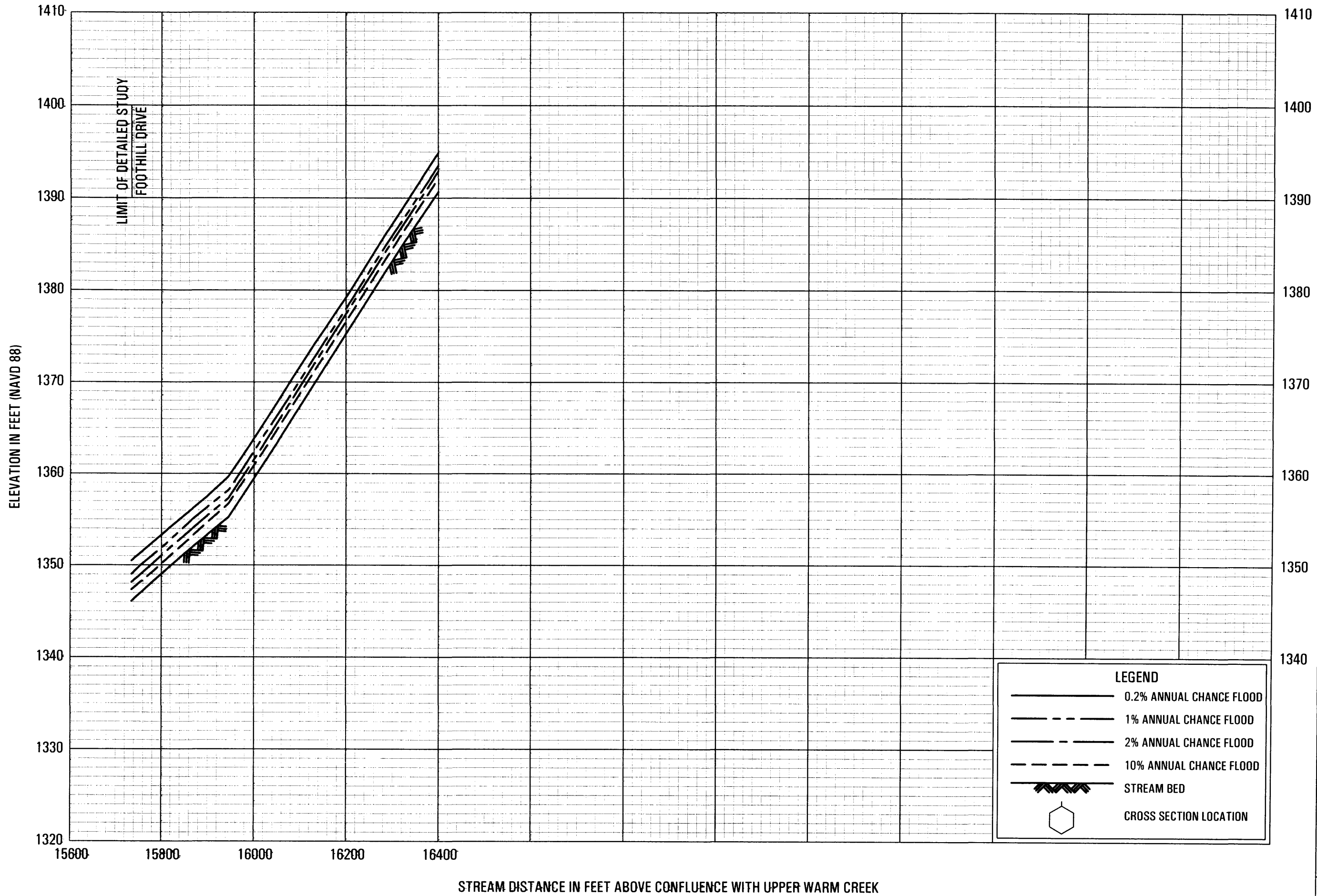
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES

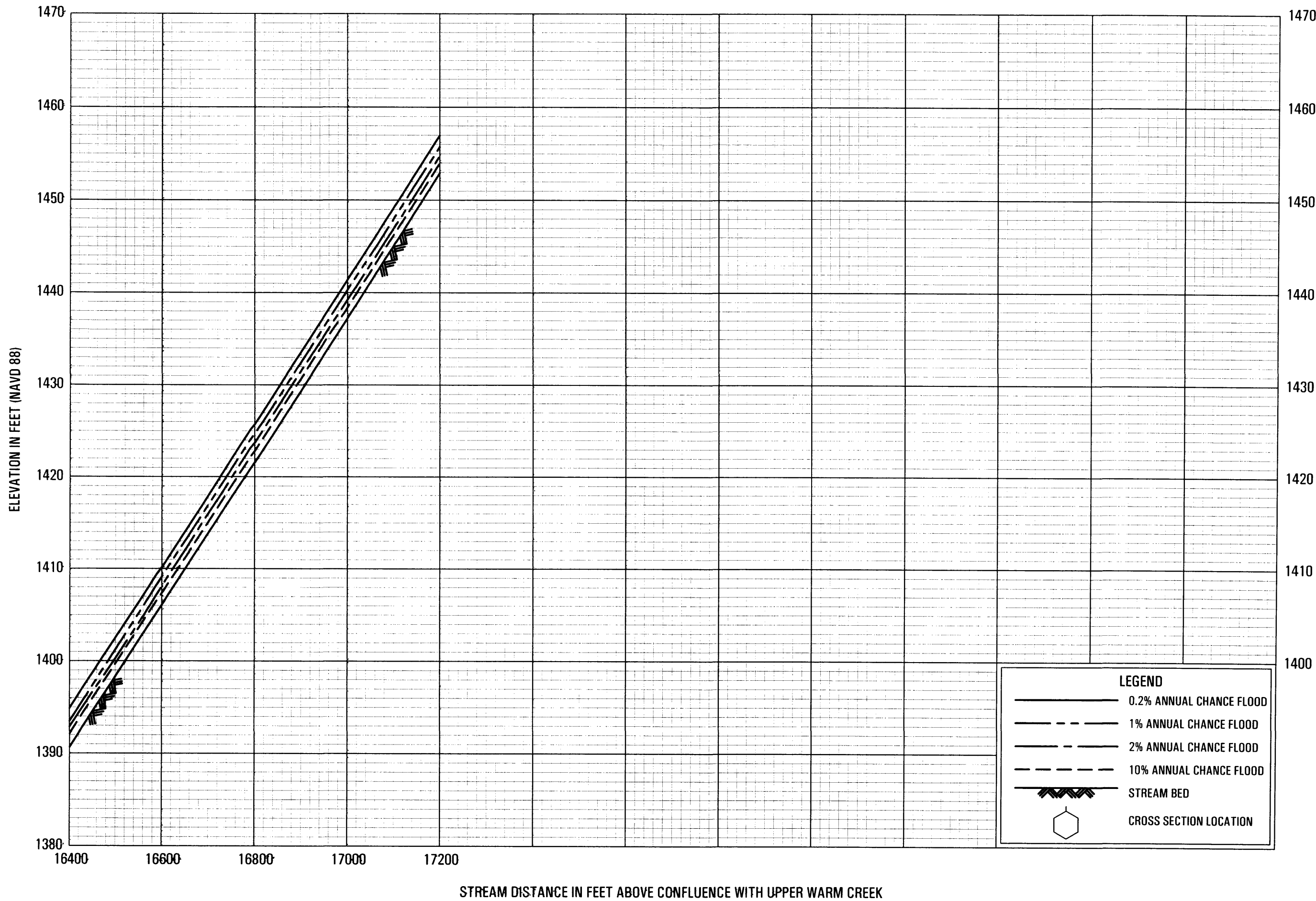
DEL ROSA CHANNEL

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES
DEL ROSA CHANNEL

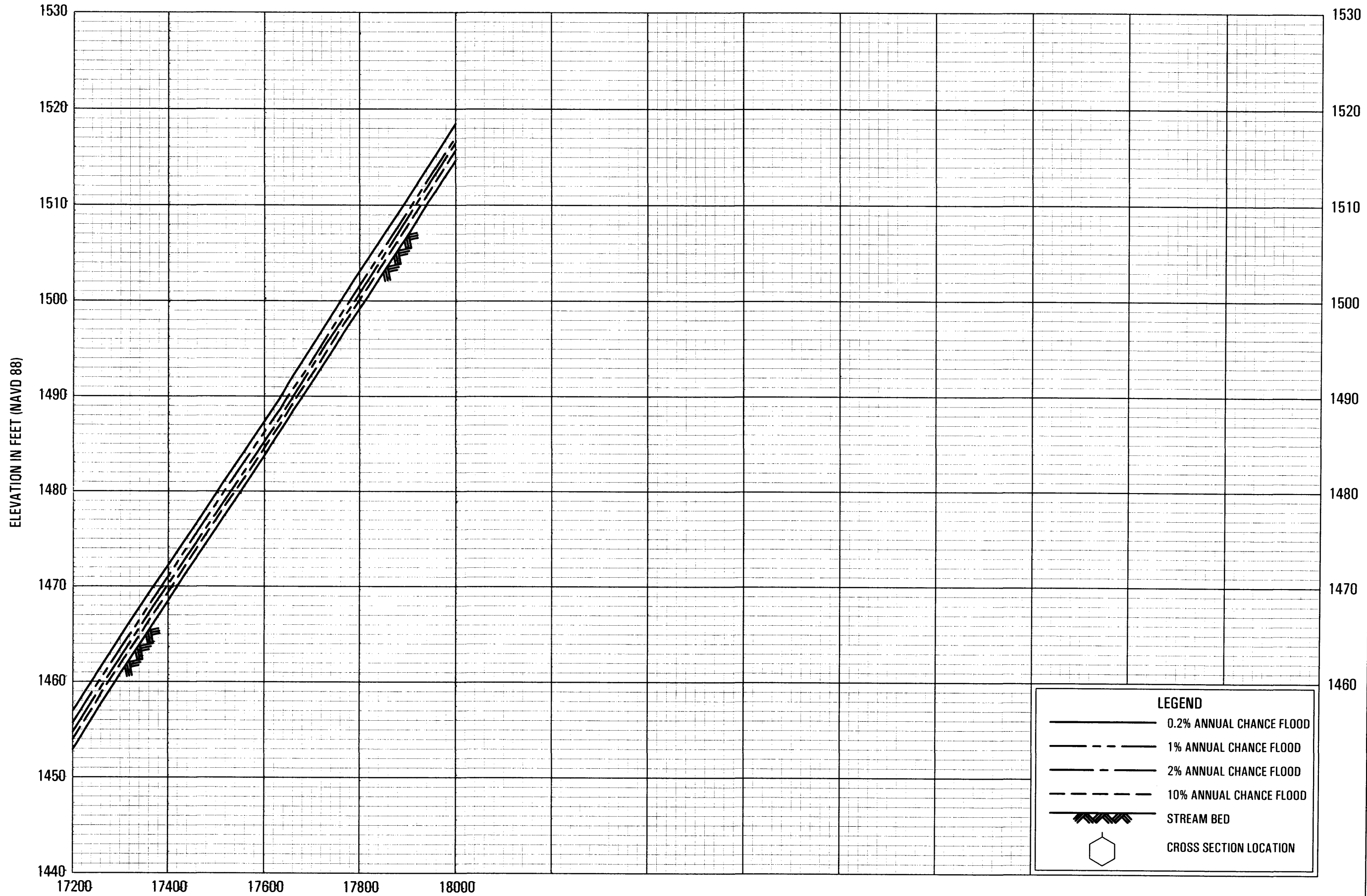
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

DEL ROSA CHANNEL

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**

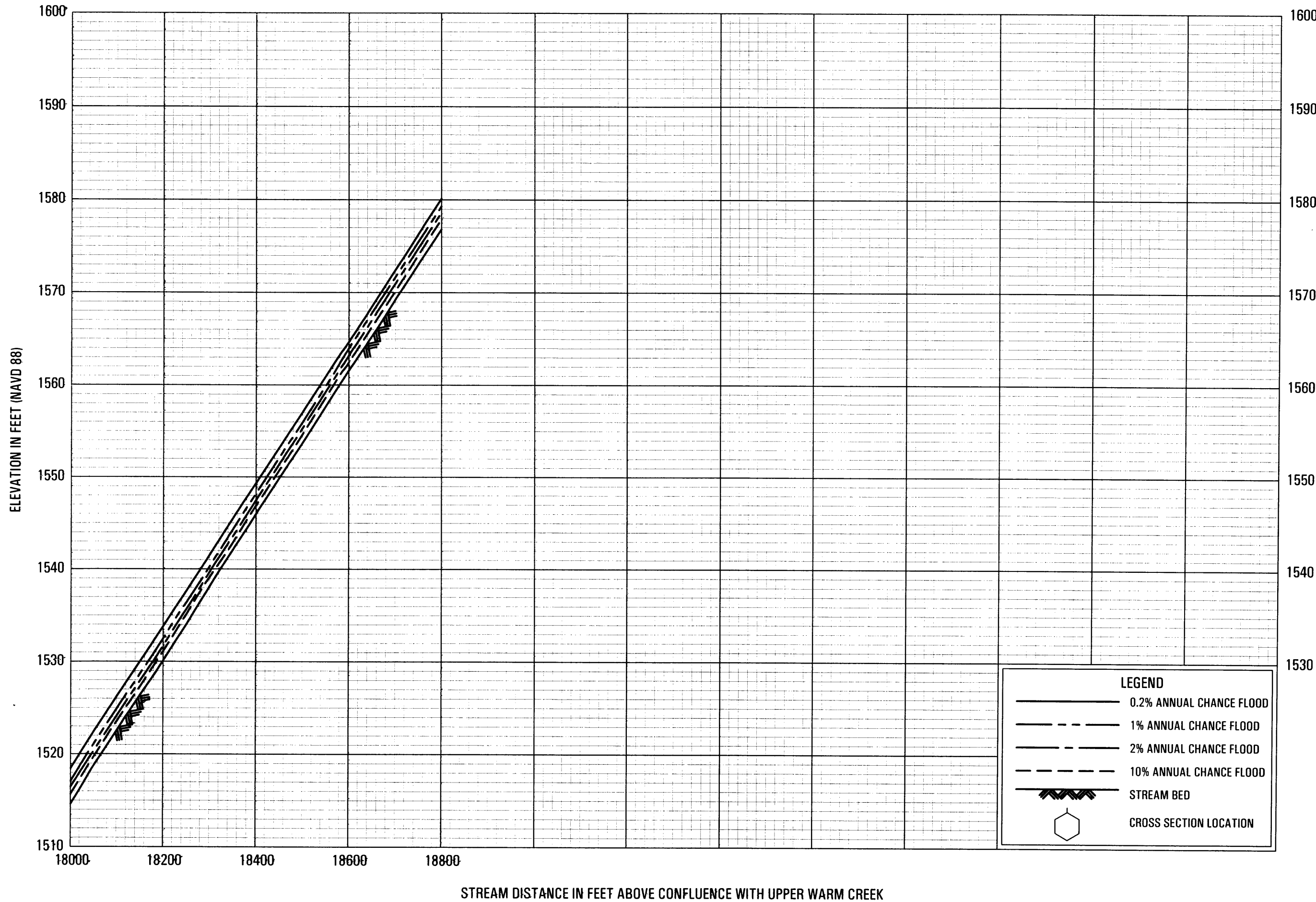


LEGEND

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

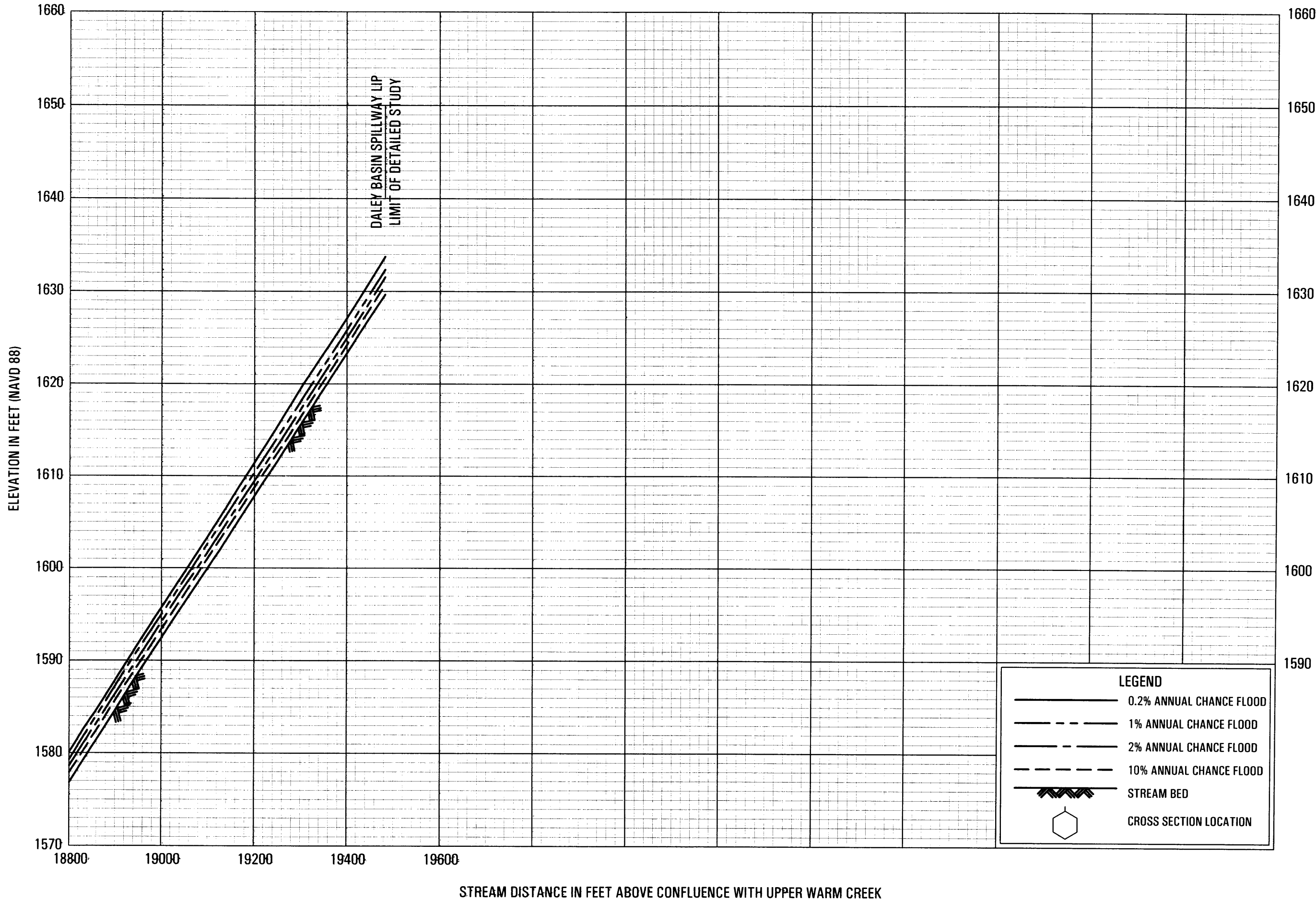
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

FLOOD PROFILES
 DEL ROSA CHANNEL



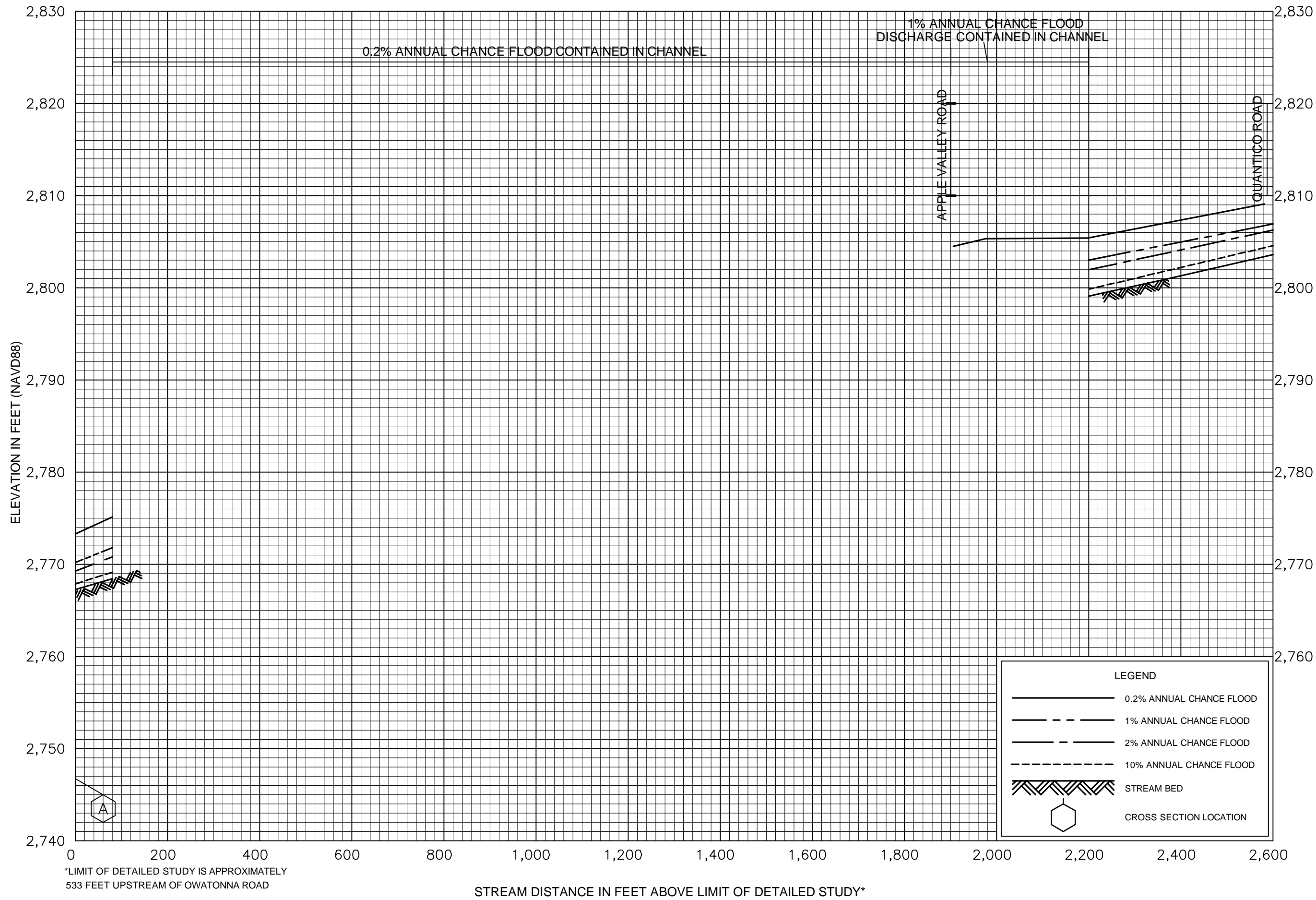
FLOOD PROFILES
DEL ROSA CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



**FLOOD PROFILES
DEL ROSA CHANNEL**

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



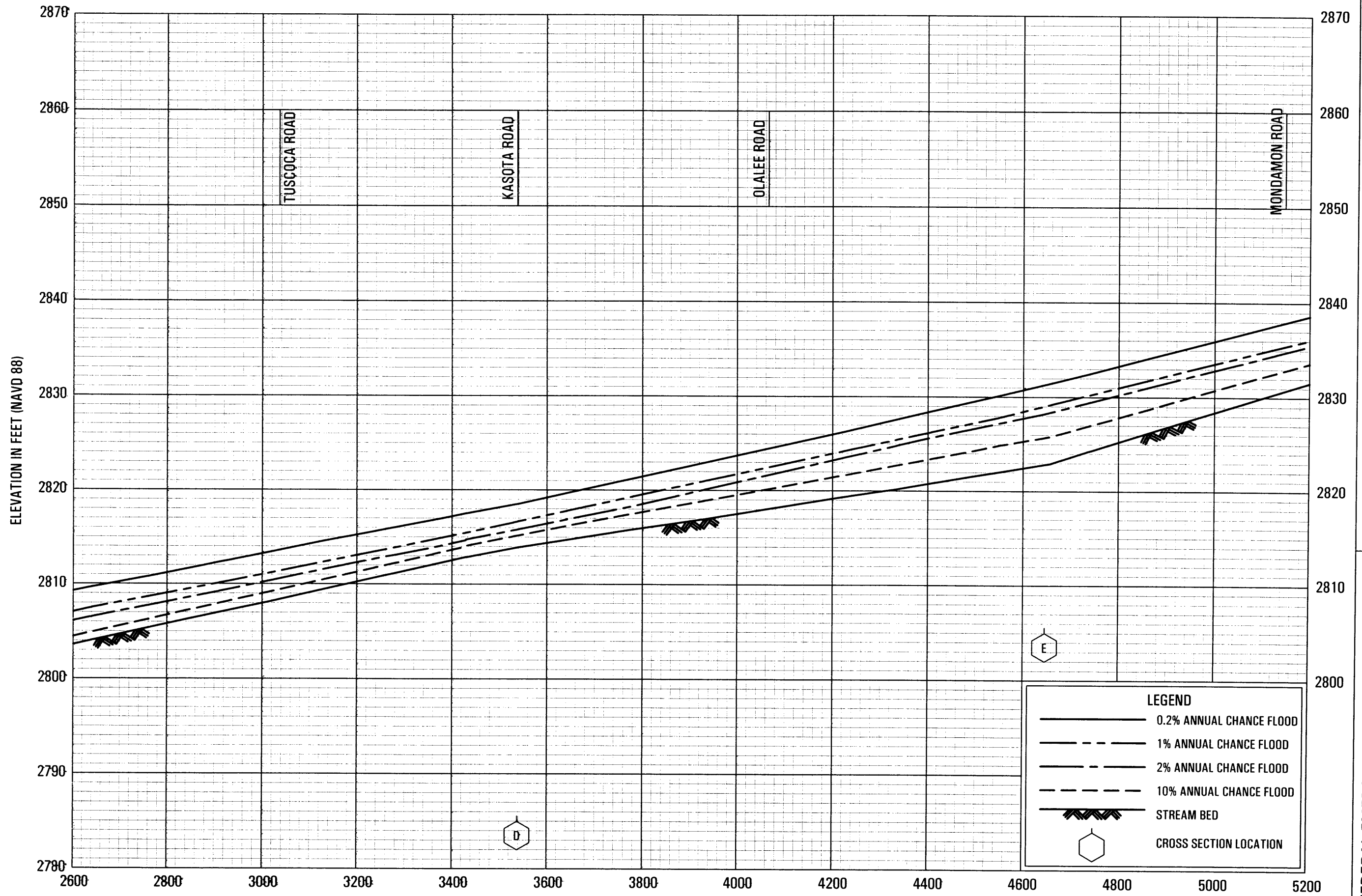
FLOOD PROFILES
DESERT KNOLLS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

50P

*LIMIT OF DETAILED STUDY IS APPROXIMATELY
533 FEET UPSTREAM OF OWATONNA ROAD

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY*



*LIMIT OF DETAILED STUDY IS APPROXIMATELY
533 FEET UPSTREAM OF OWATONNA ROAD

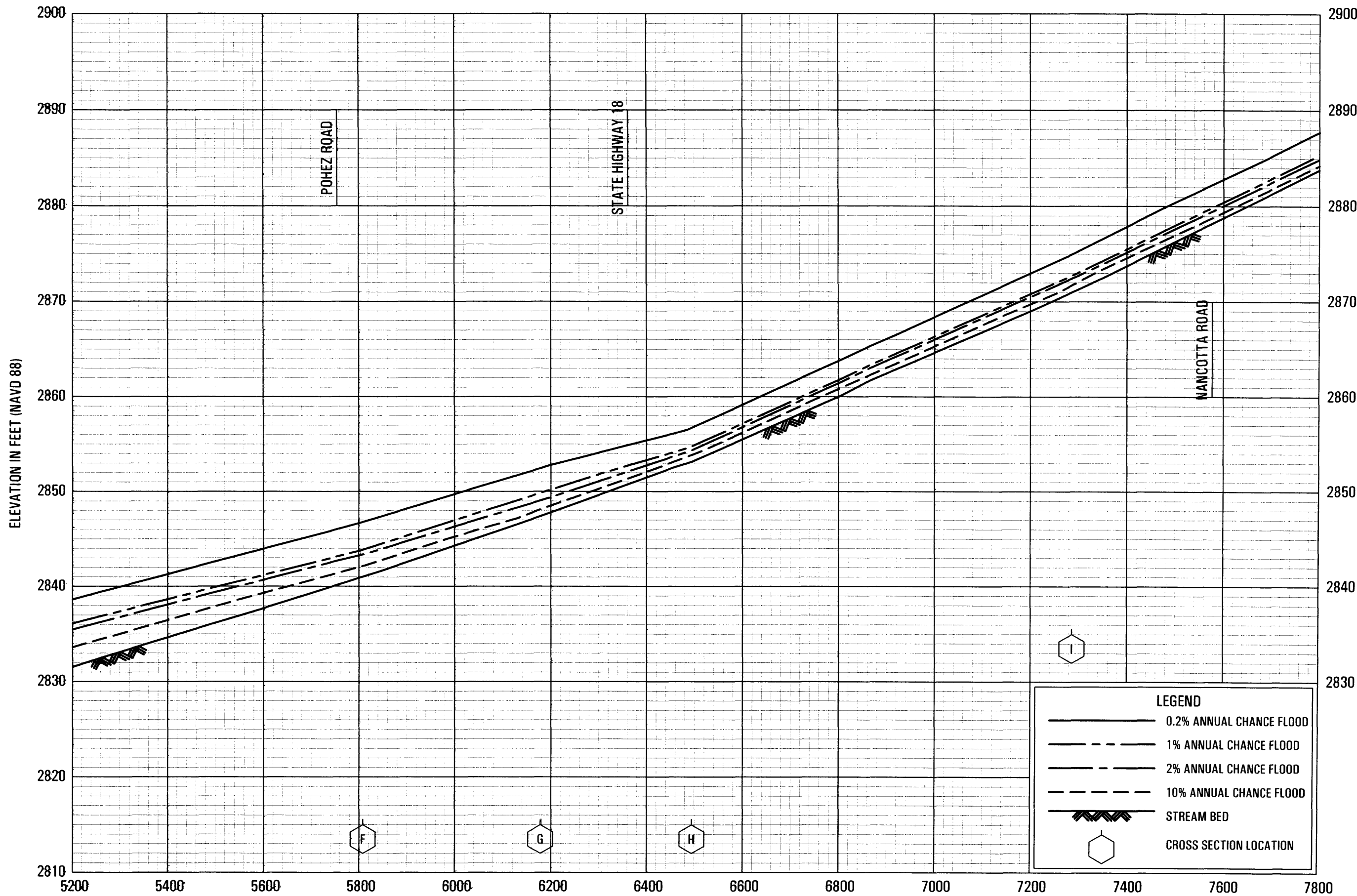
STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY*

LEGEND

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

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

FLOOD PROFILES
DESERT KNOLLS WASH



*LIMIT OF DETAILED STUDY IS APPROXIMATELY 533 FEET UPSTREAM OF OWATONNA ROAD

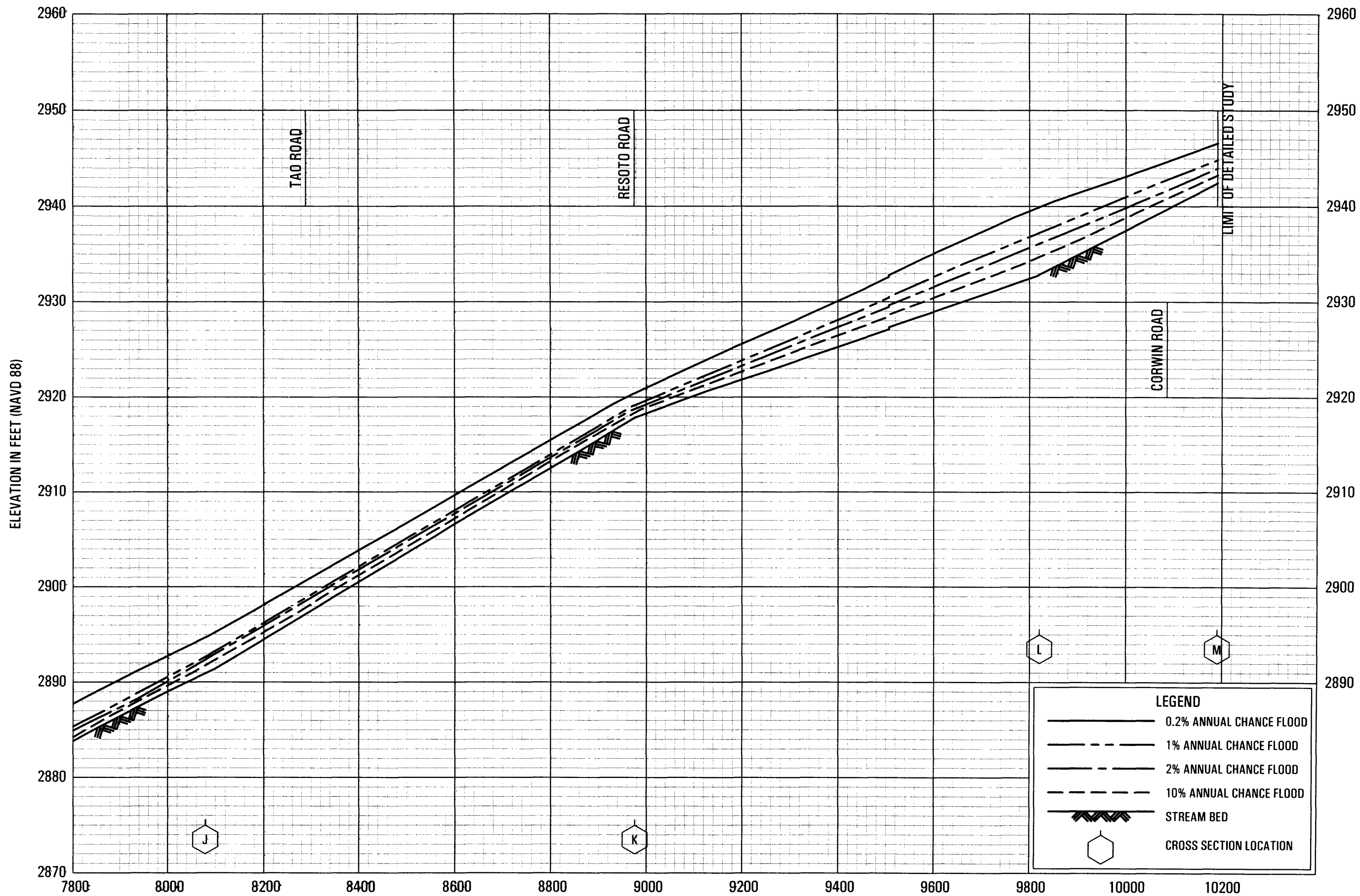
STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY

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

DESERT KNOLLS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



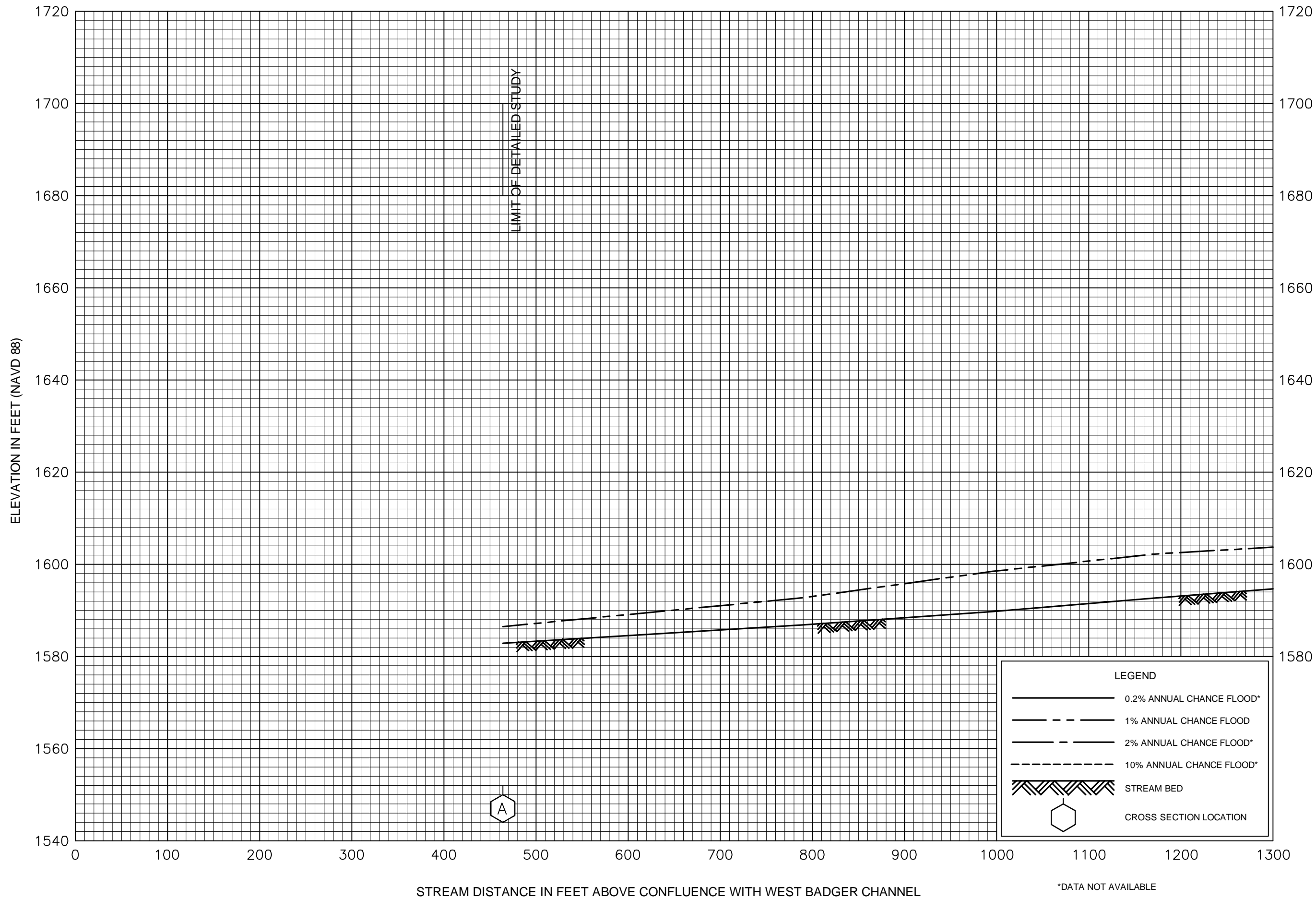
FLOOD PROFILES

DESERT KNOLLS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

*LIMIT OF DETAILED STUDY IS APPROXIMATELY
 533 FEET UPSTREAM OF OWATONNA ROAD

STREAM DISTANCE IN FEET ABOVE LIMIT OF DETAILED STUDY*



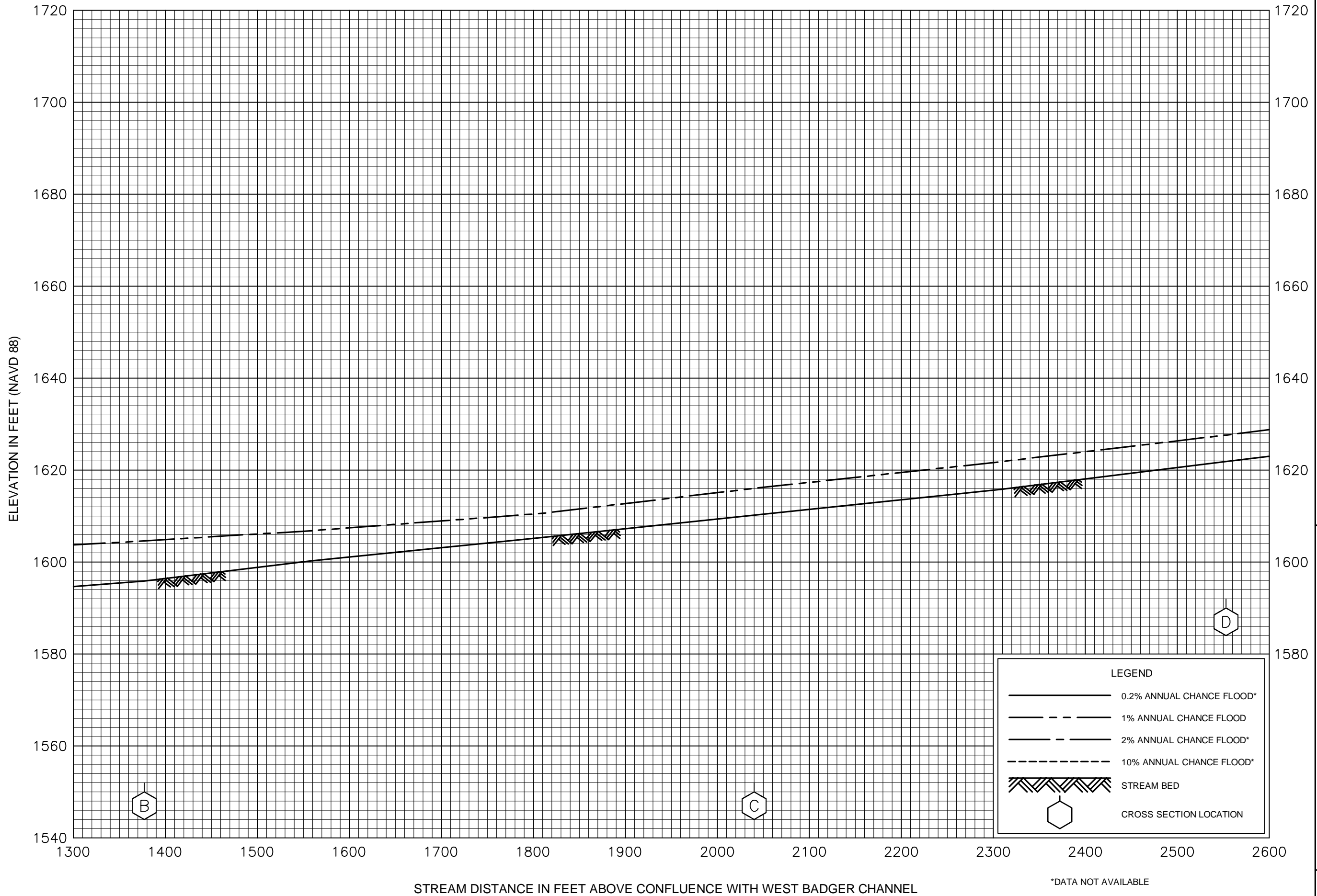
FLOOD PROFILES

DEVIL CREEK (WITH LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

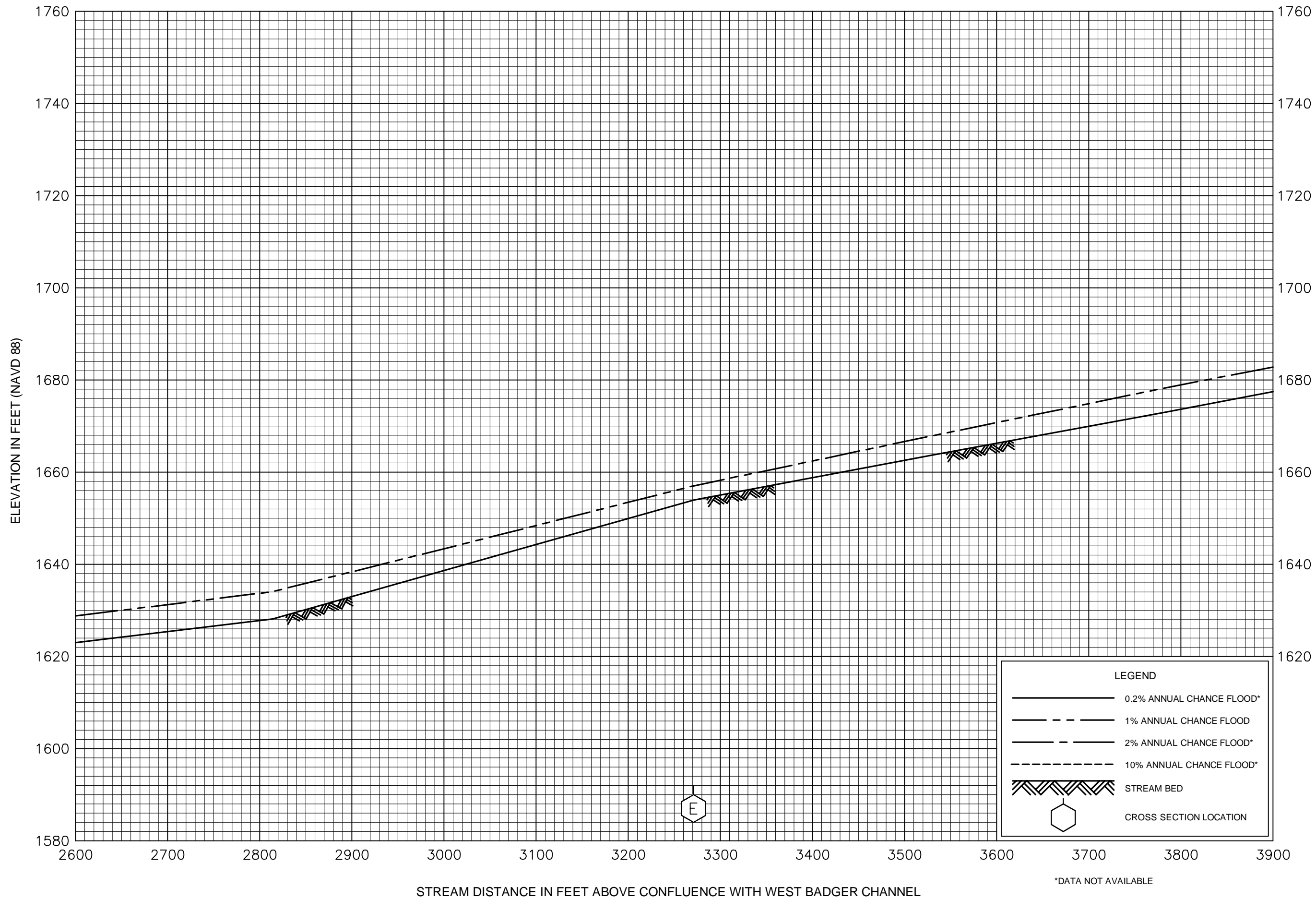
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FLOOD PROFILES
DEVIL CREEK (WITH LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

*DATA NOT AVAILABLE

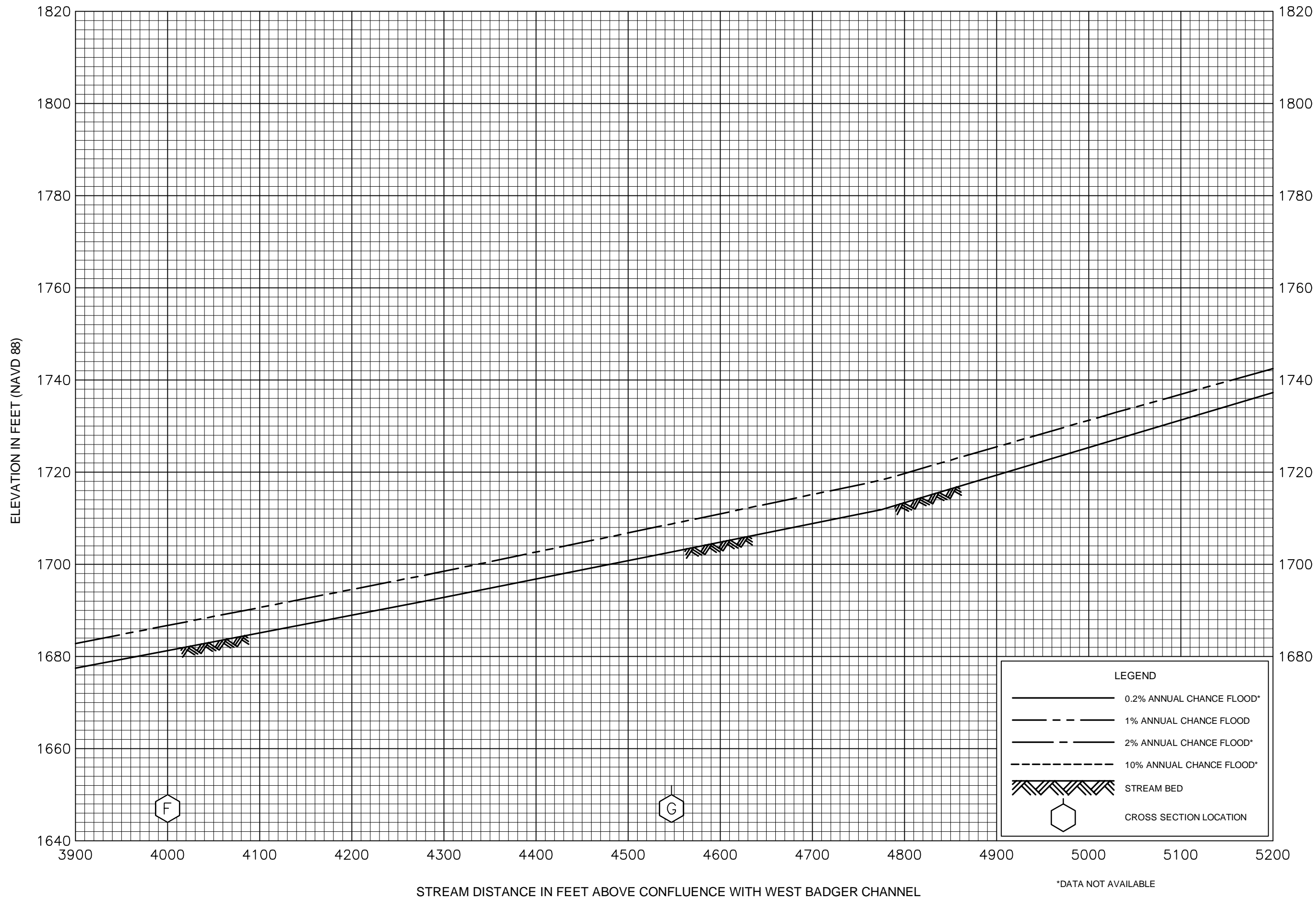


FLOOD PROFILES

DEVIL CREEK (WITH LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

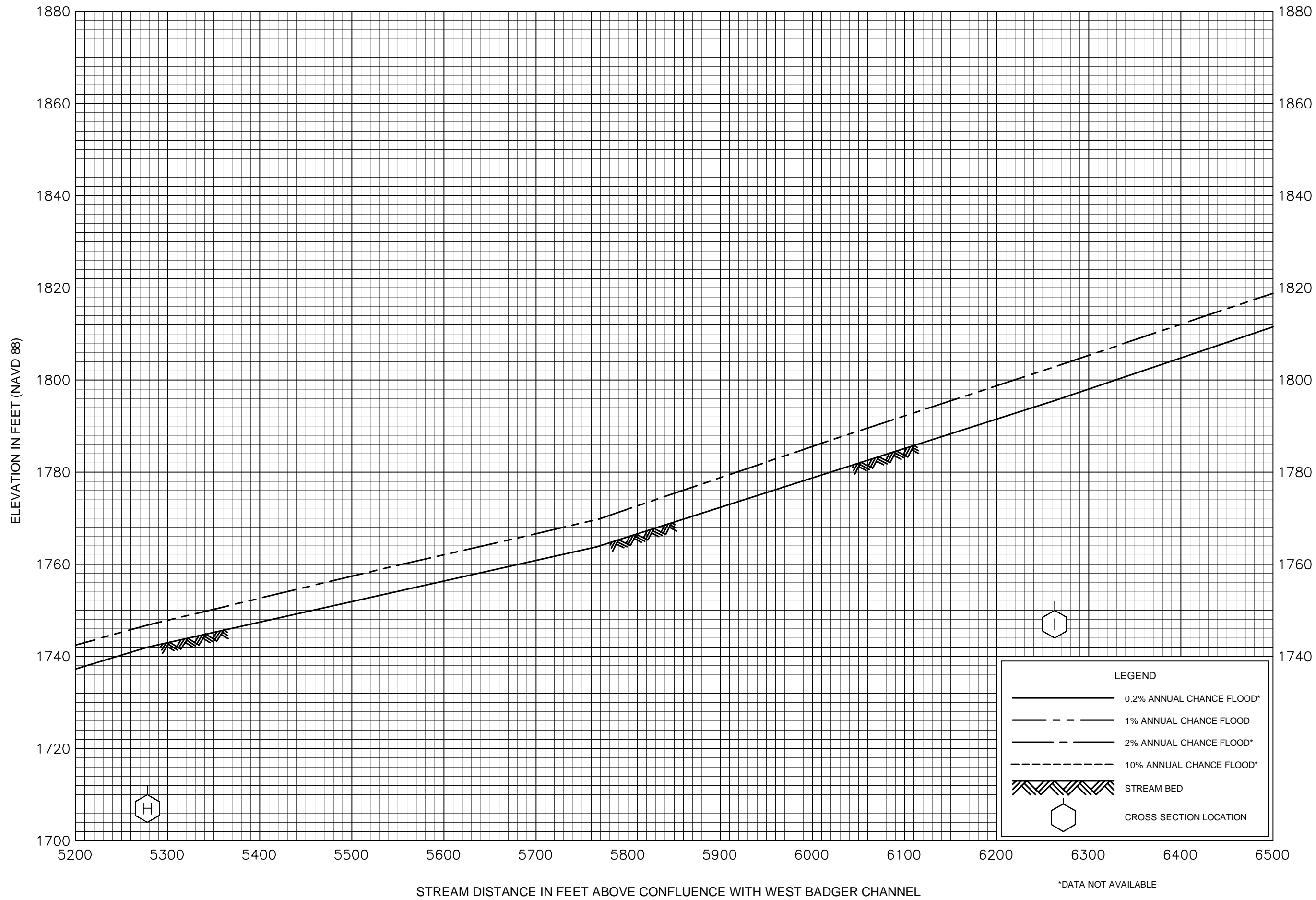


LEGEND

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

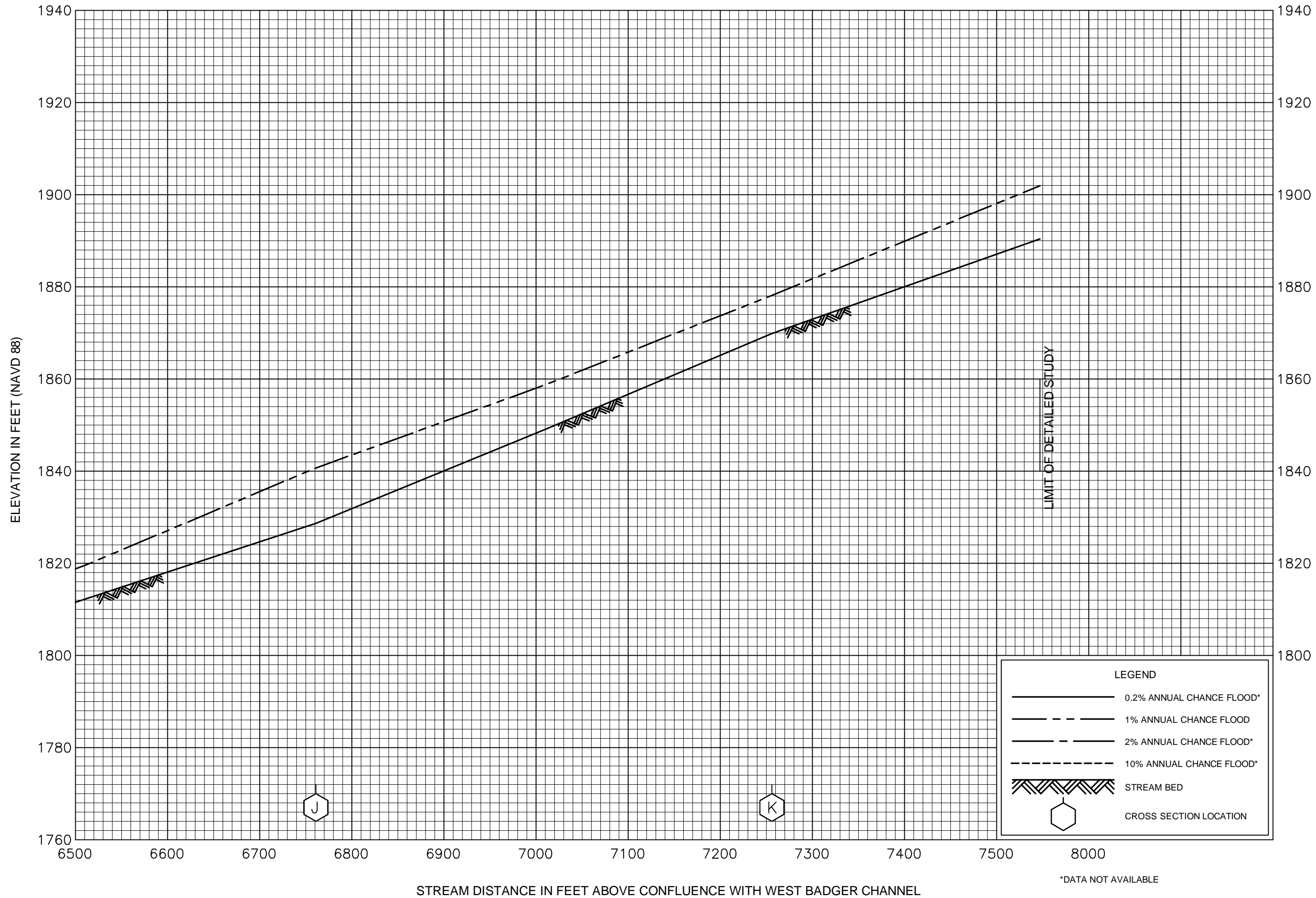
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FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS
53dP



FLOOD PROFILES
DEVIL CREEK (WITH LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



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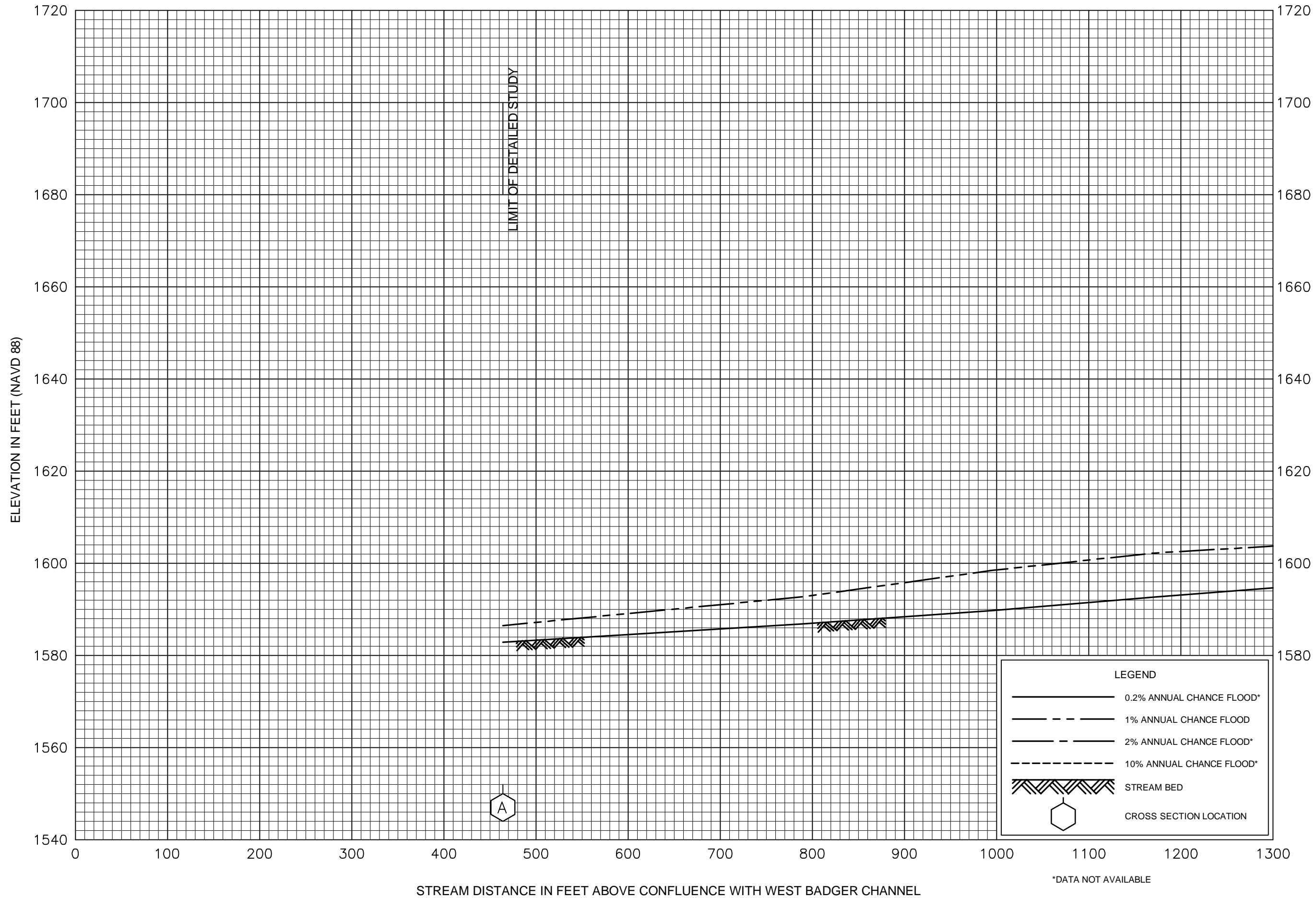
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

FLOOD PROFILES

DEVIL CREEK (WITH LEVEE)

53fP

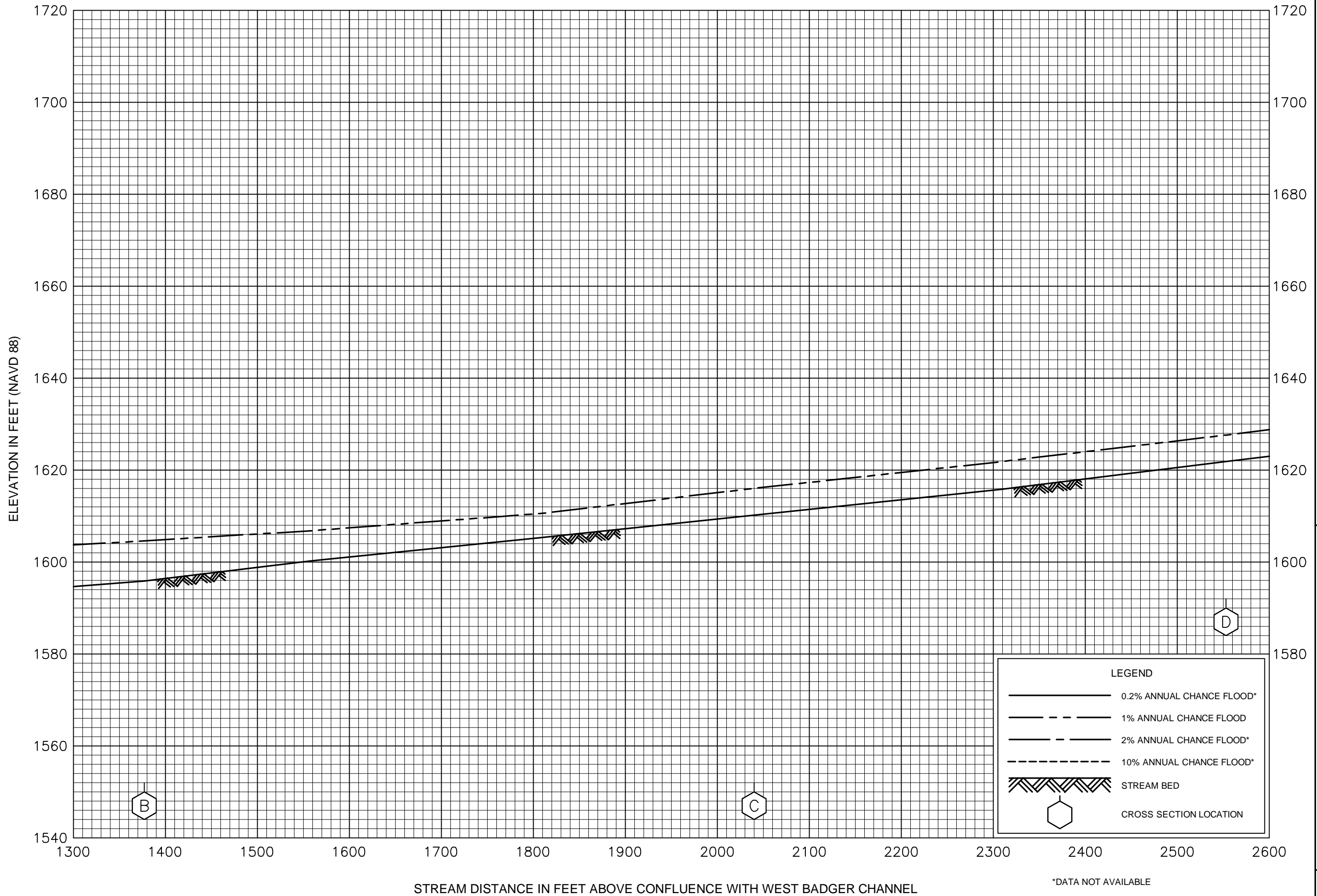


FLOOD PROFILES

DEVIL CREEK (WITHOUT LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

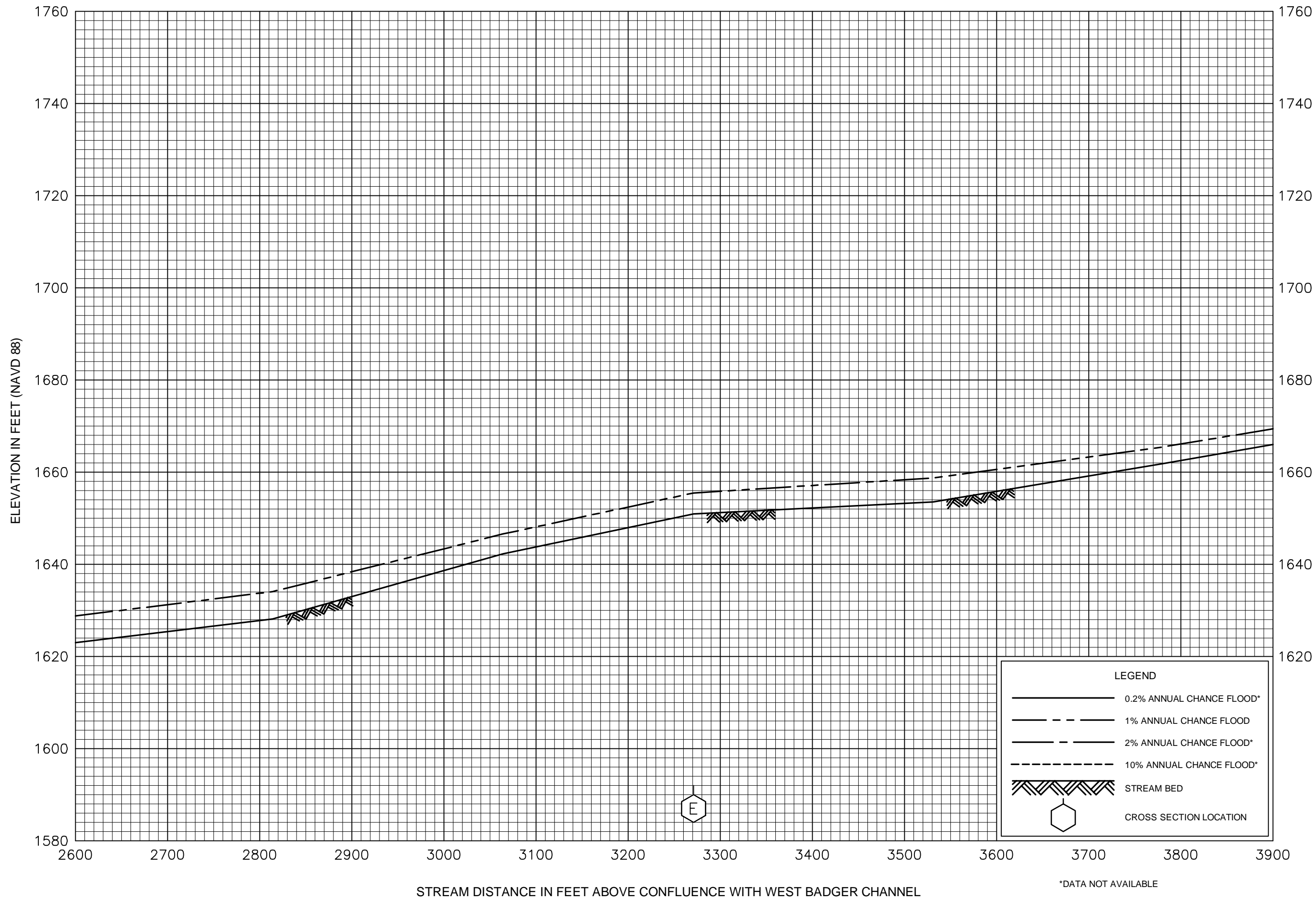
DEVIL CREEK (WITHOUT LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

53hP

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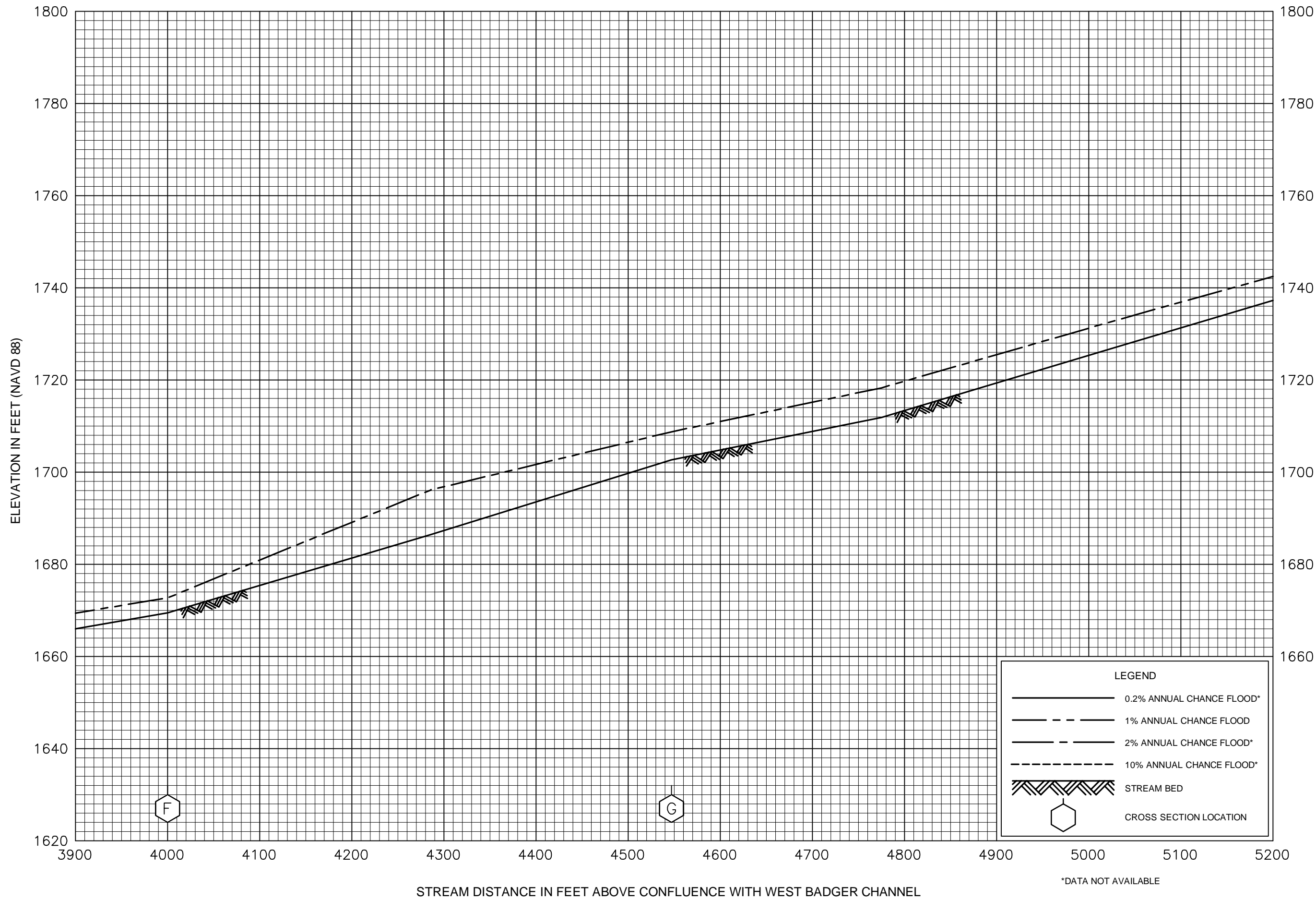


FLOOD PROFILES
DEVIL CREEK (WITHOUT LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

53iP

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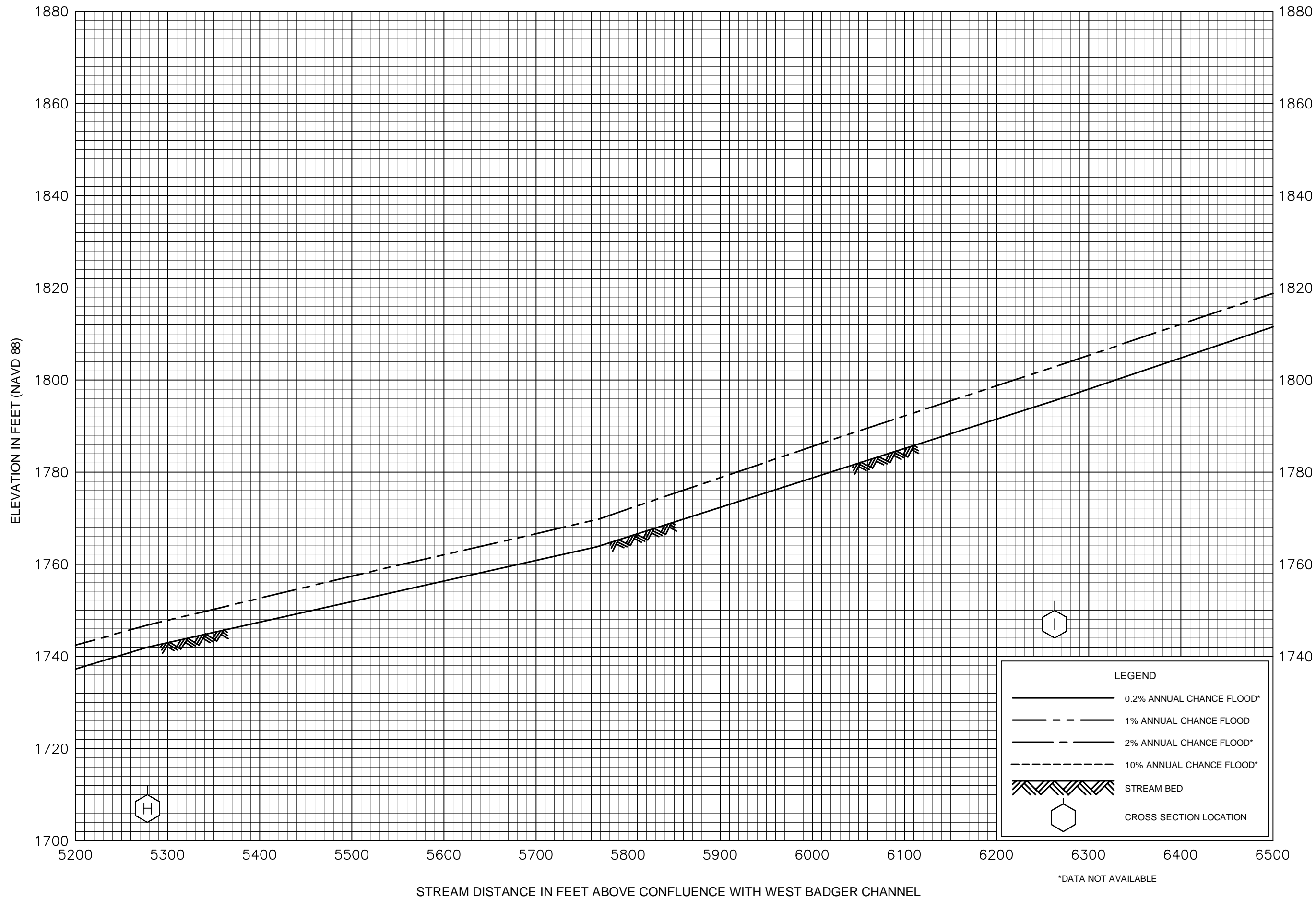


FLOOD PROFILES

DEVIL CREEK (WITHOUT LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



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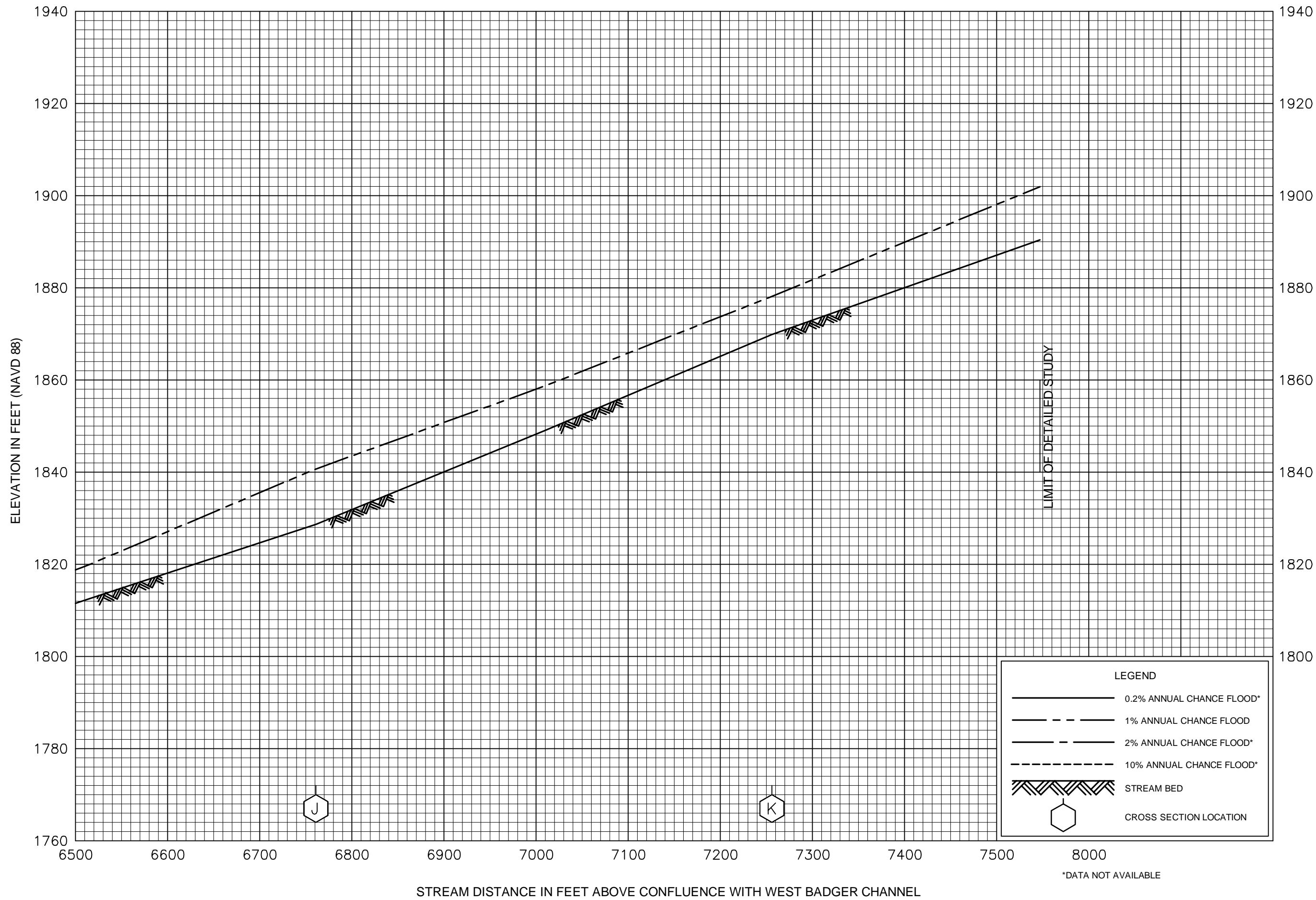
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

FLOOD PROFILES

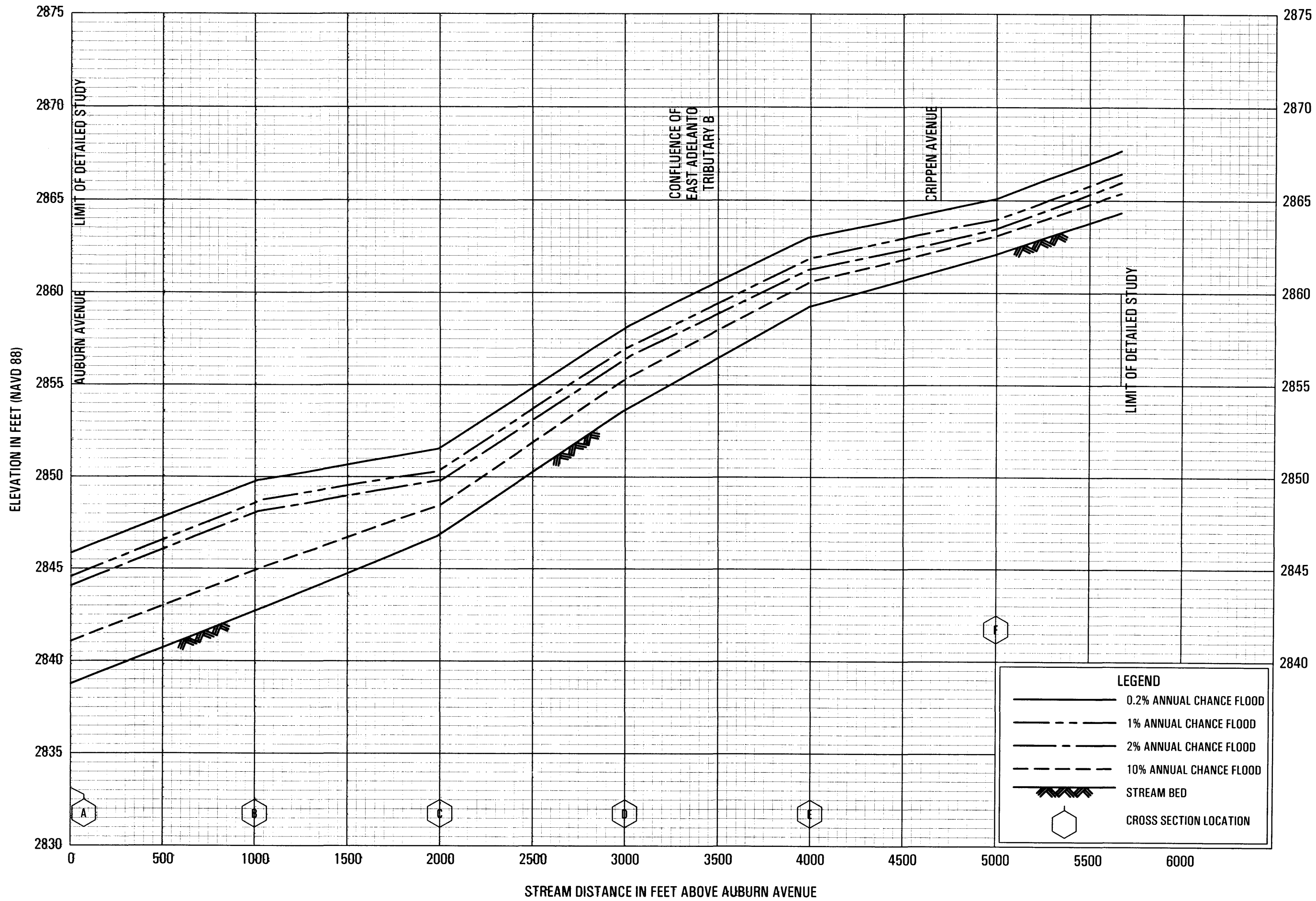
DEVIL CREEK (WITHOUT LEVEE)

53kP



FLOOD PROFILES
DEVIL CREEK (WITHOUT LEVEE)

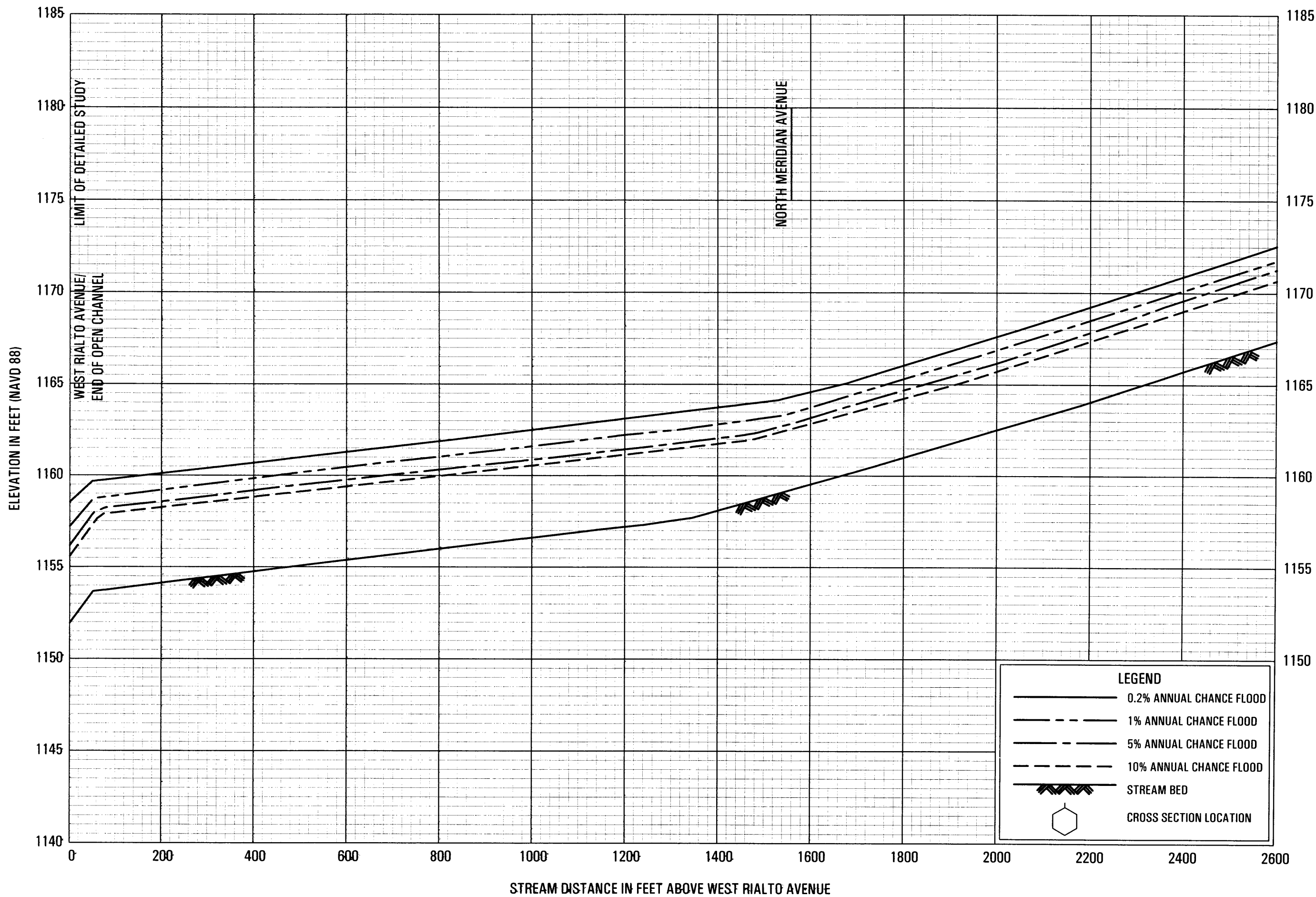
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

EAST ADELANTO CHANNEL

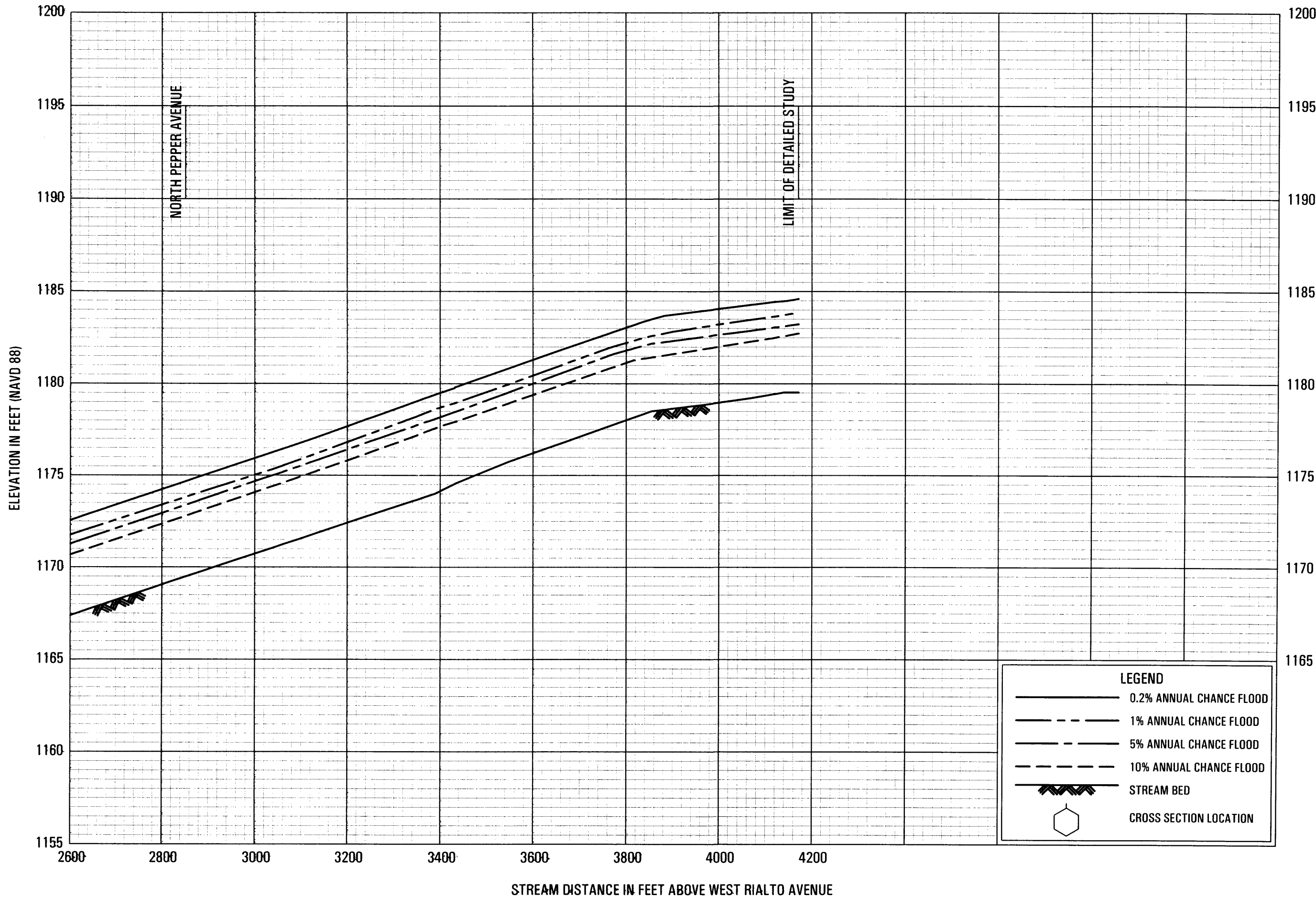
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES

EAST RIALTO STORM DRAIN

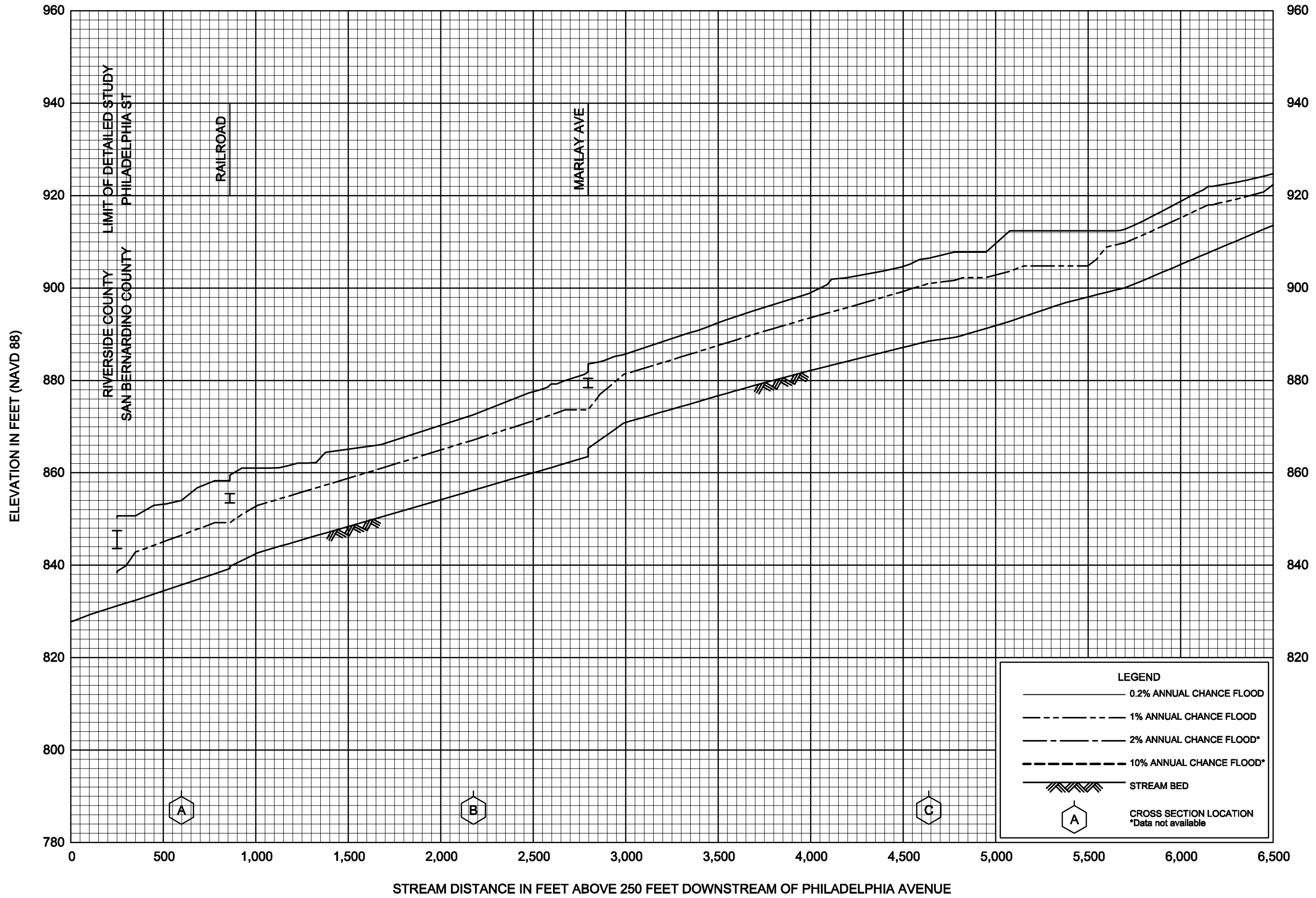
**FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES

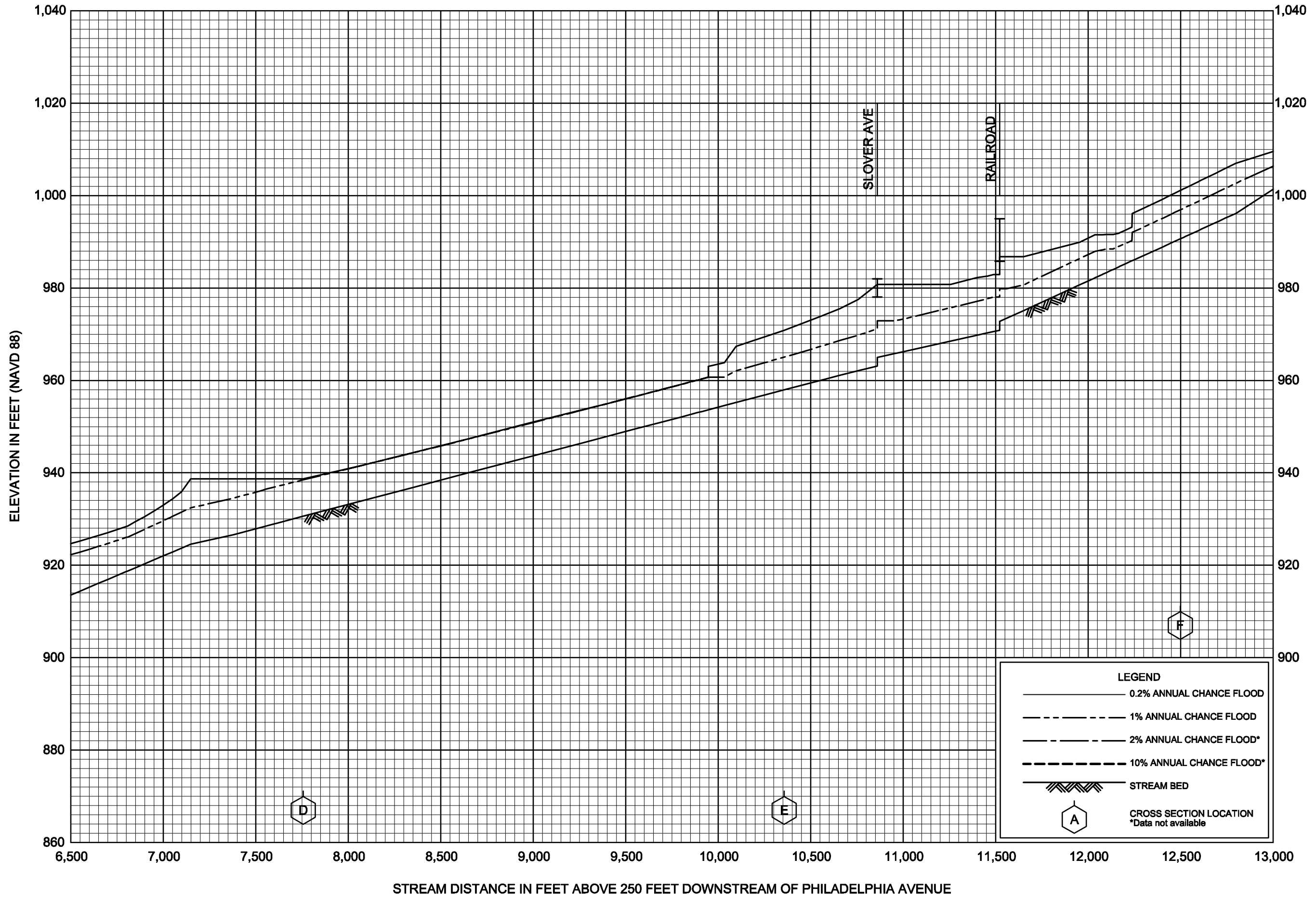
EAST RIALTO STORM DRAIN

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES
ETIWANDA / SAN SEVAINE SYSTEM

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



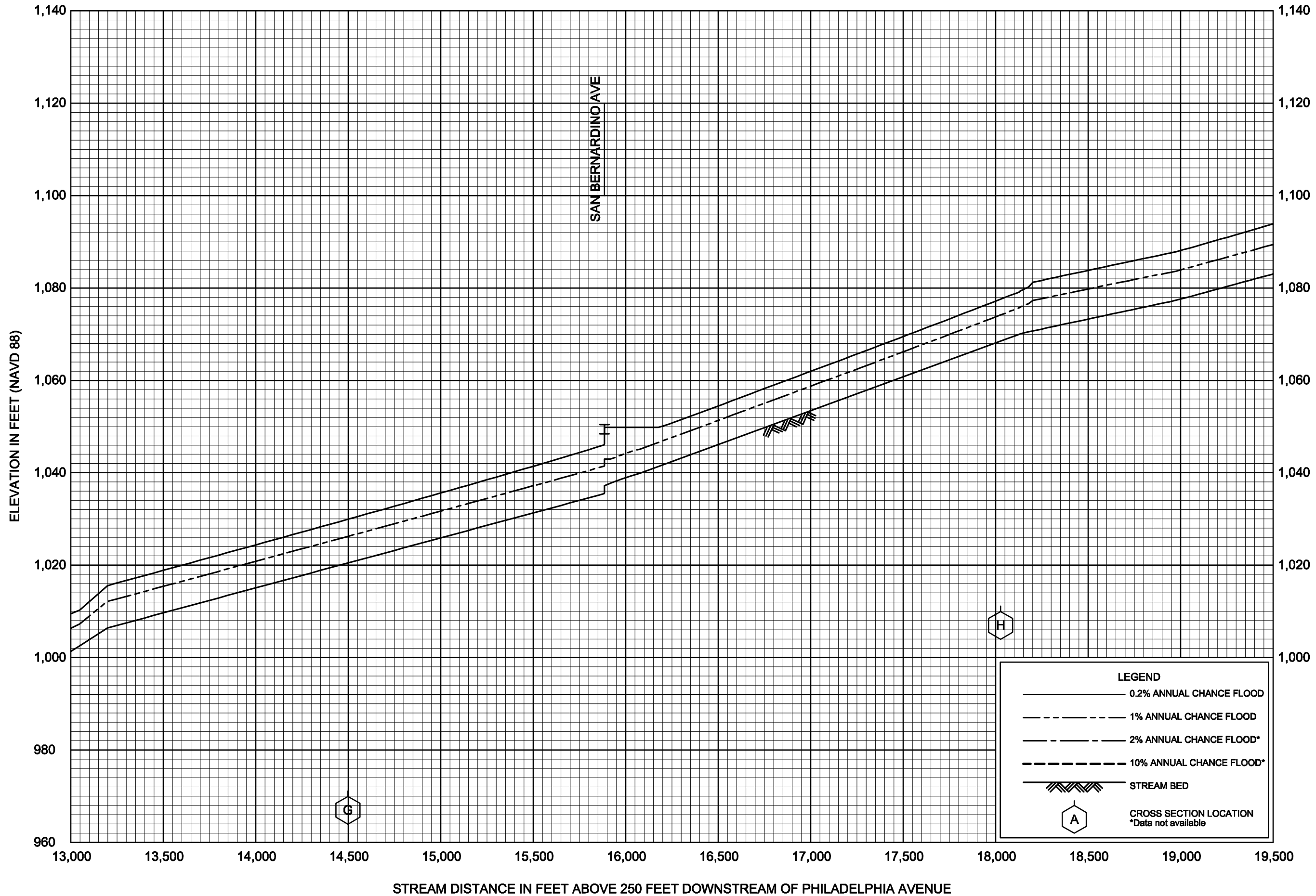
STREAM DISTANCE IN FEET ABOVE 250 FEET DOWNSTREAM OF PHILADELPHIA AVENUE

FLOOD PROFILES

ETIWANDA / SAN SEVAINE SYSTEM

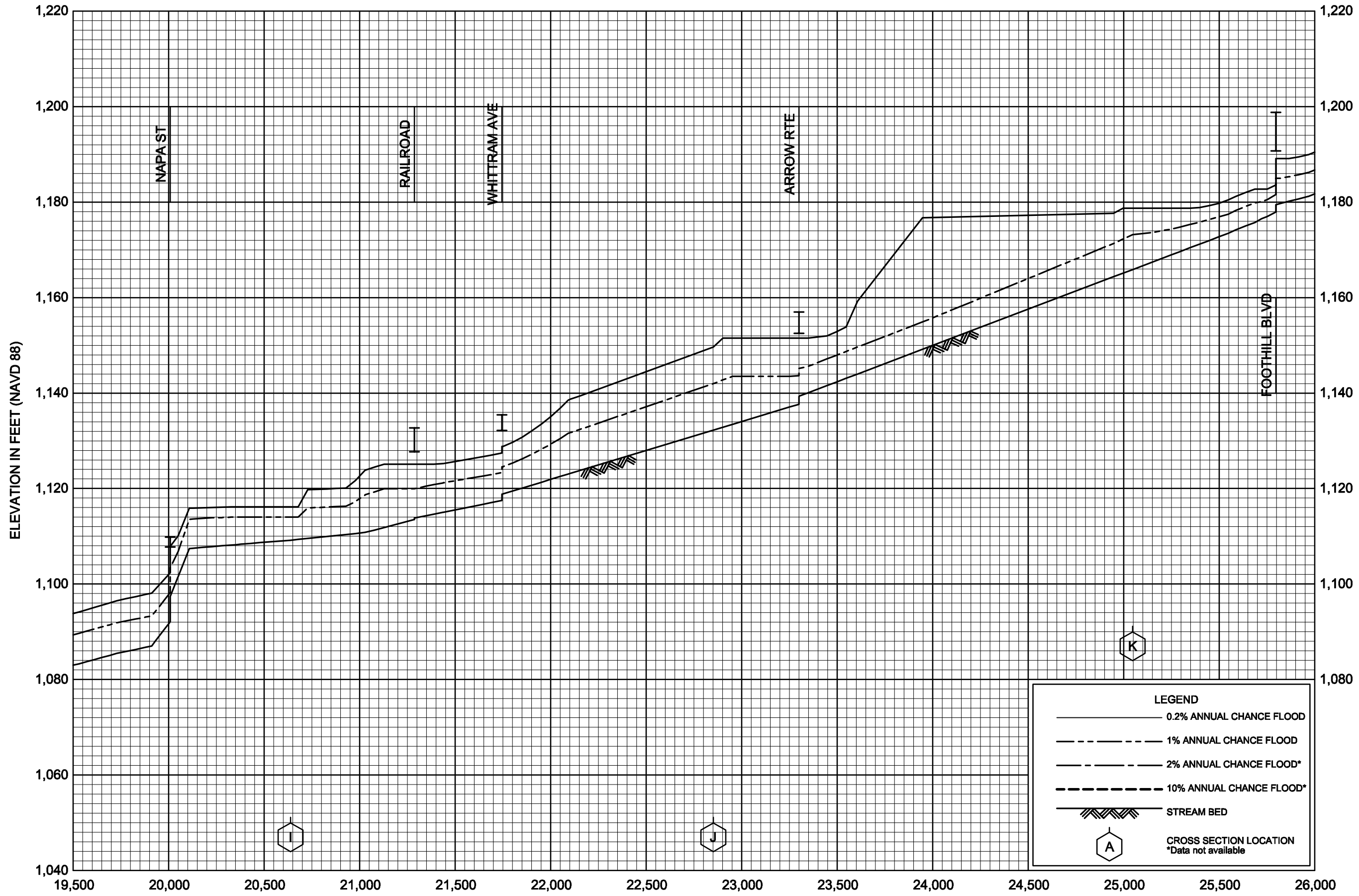
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
ETIWANDA / SAN SEVAINE SYSTEM

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

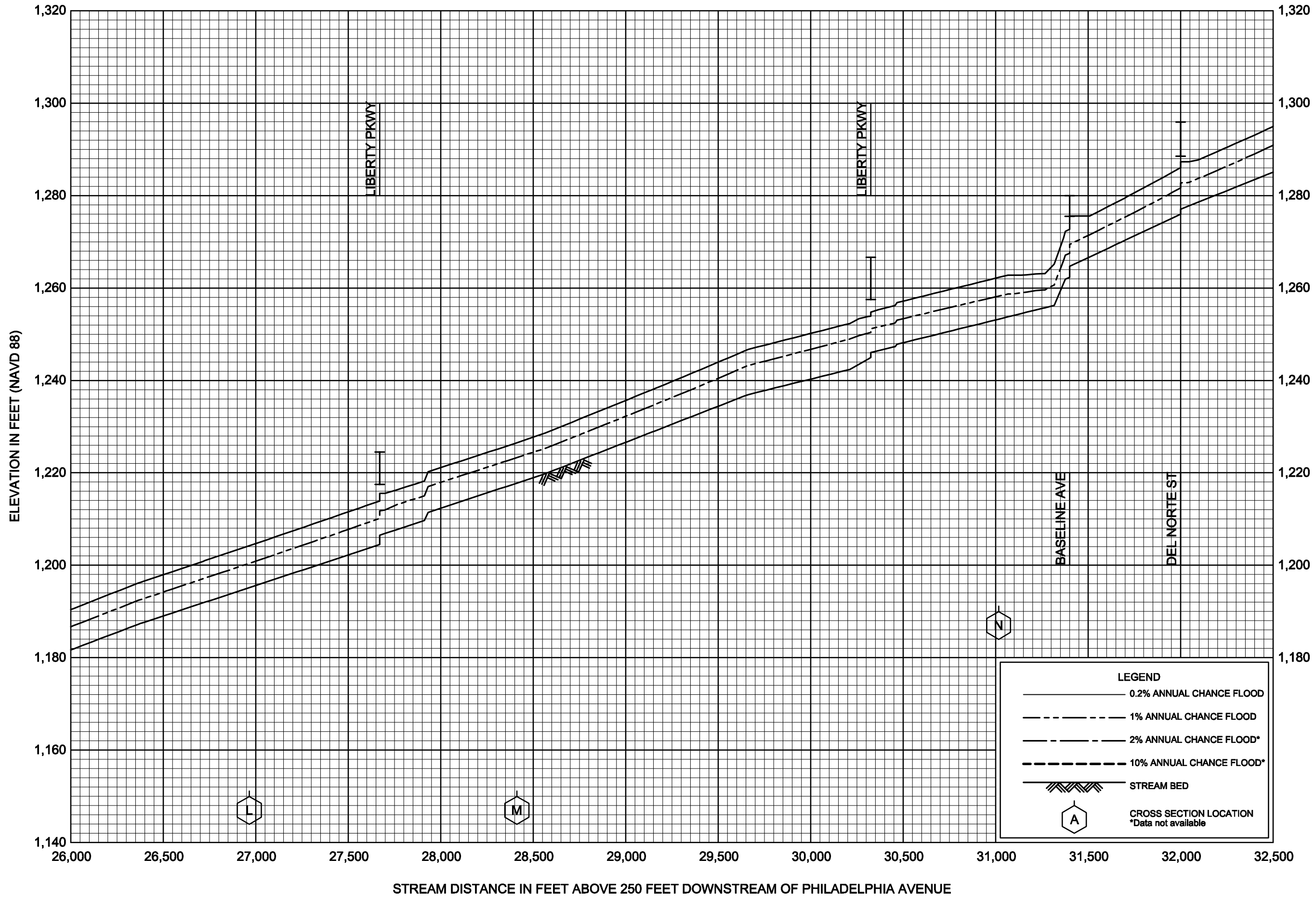


STREAM DISTANCE IN FEET ABOVE 250 FEET DOWNSTREAM OF PHILADELPHIA AVENUE

FLOOD PROFILES
 ETIWANDA / SAN SEVAINE SYSTEM

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

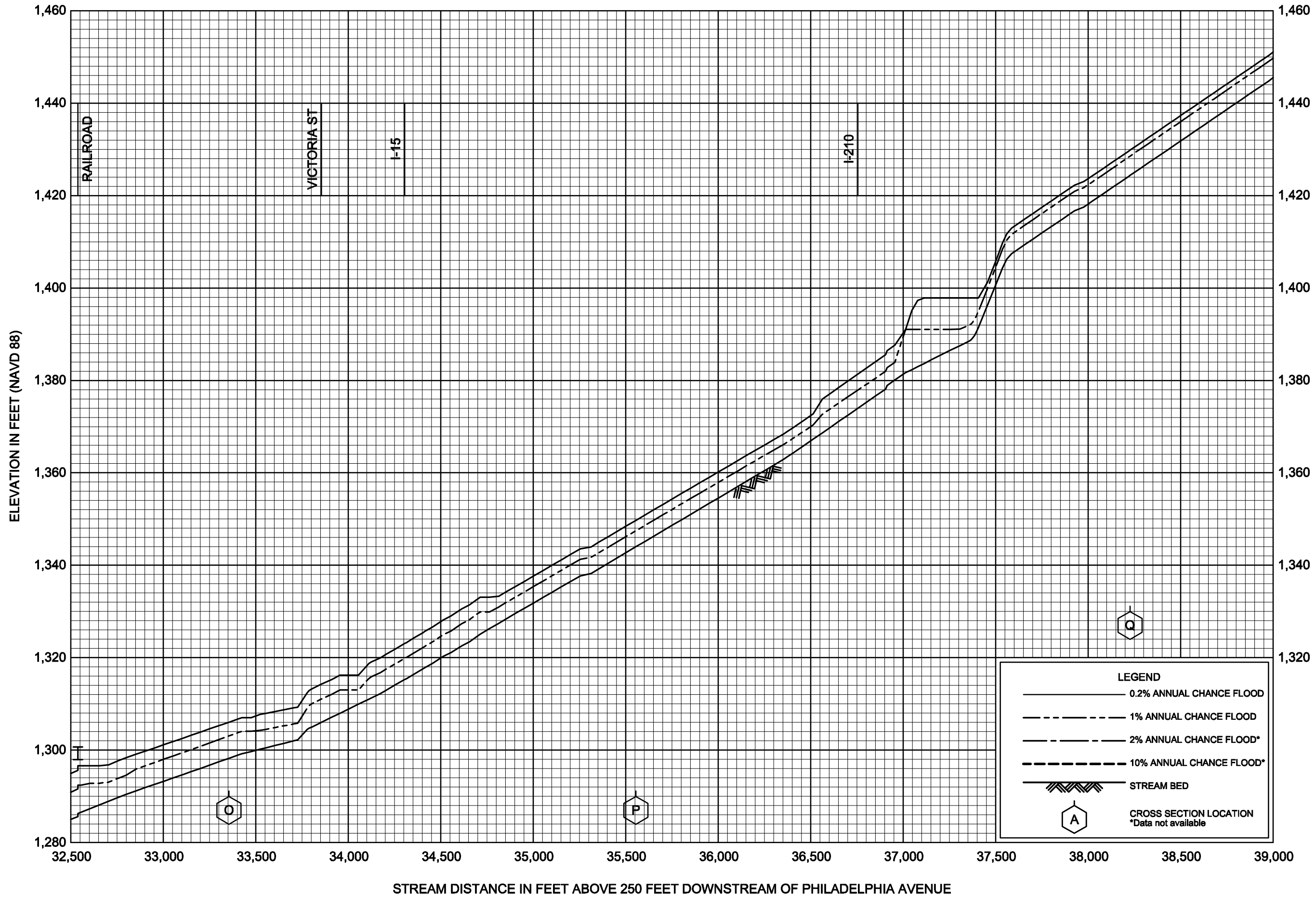
61dP



FLOOD PROFILES

ETIWANDA / SAN SEVAINE SYSTEM

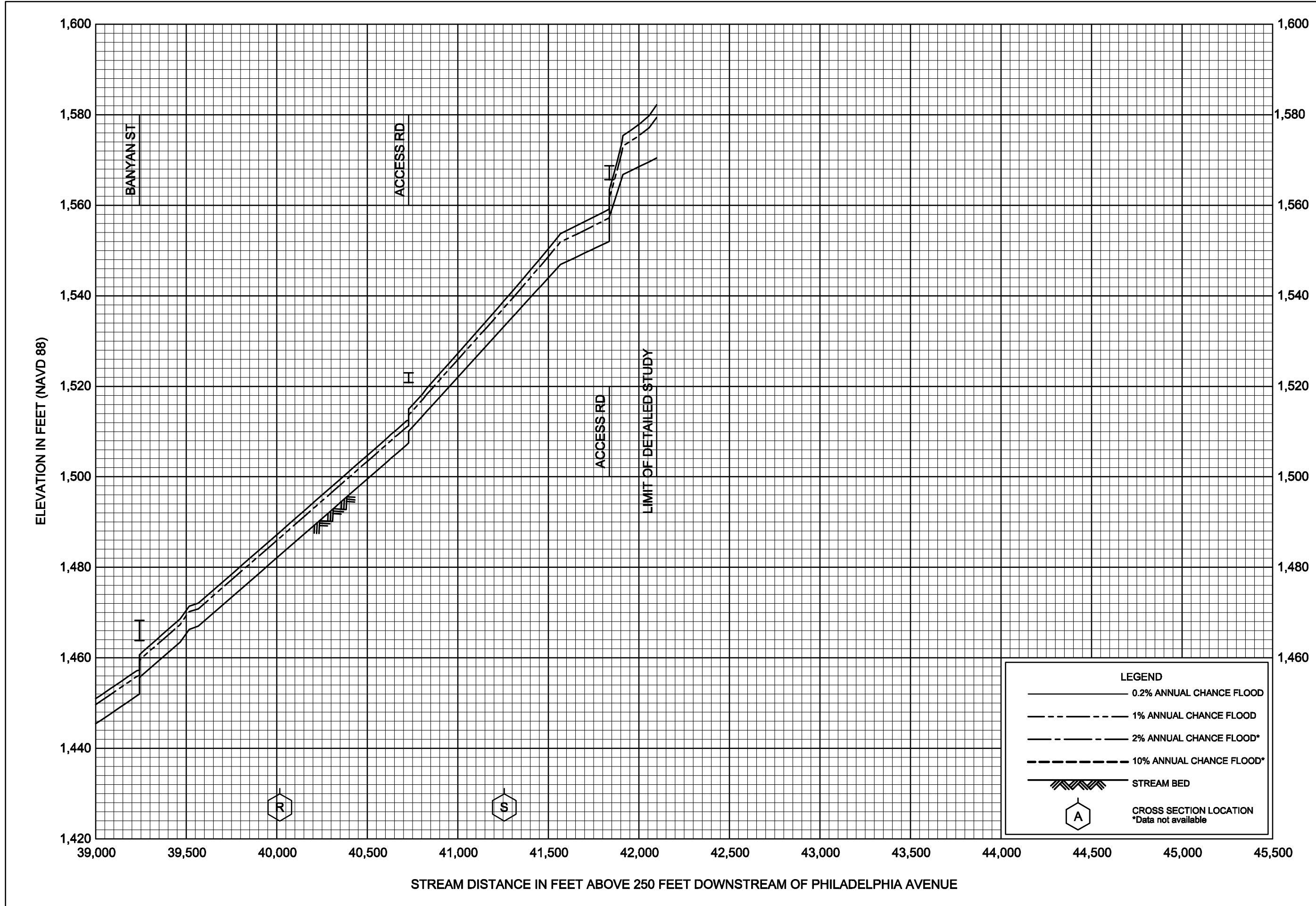
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES

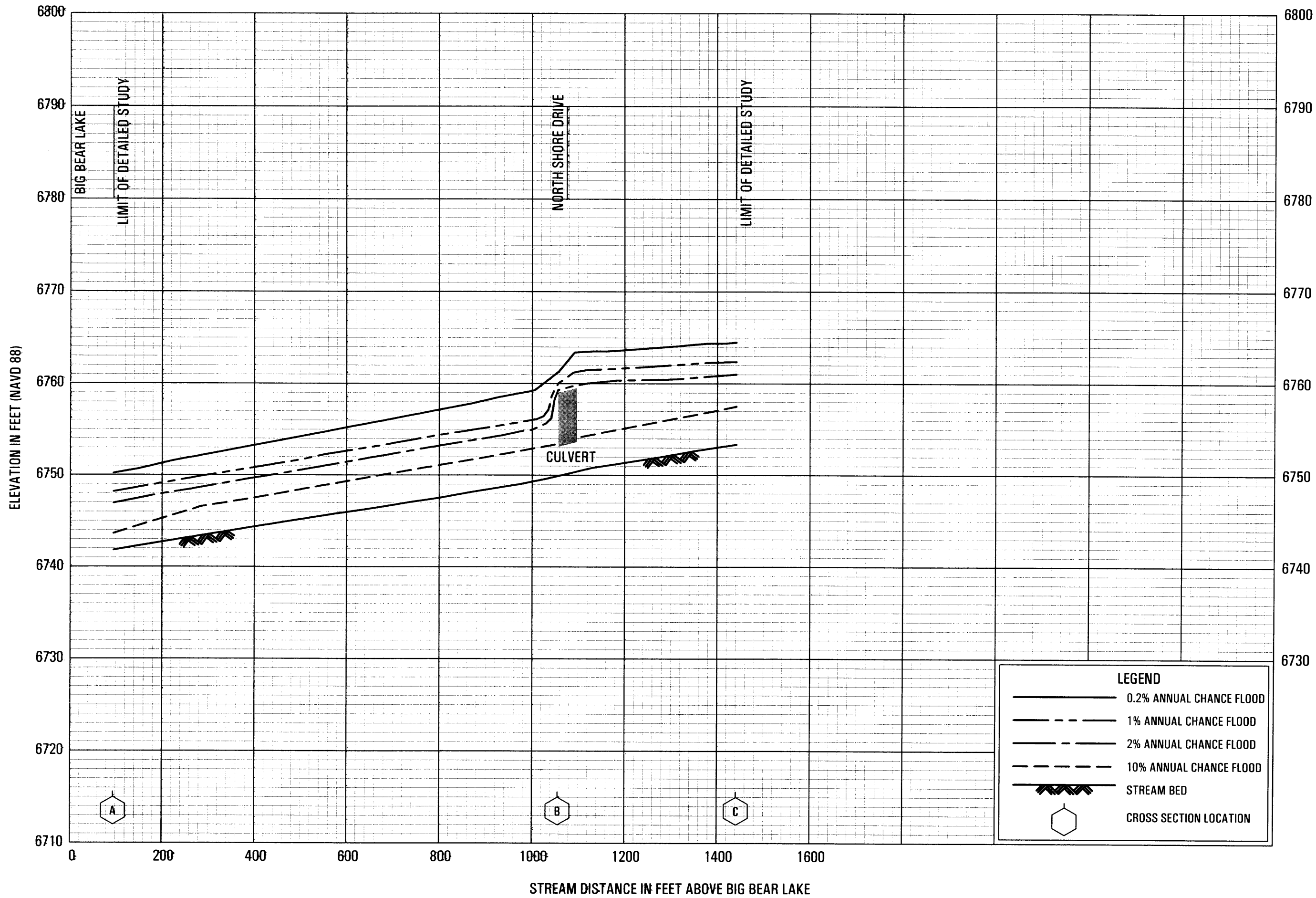
ETIWANDA / SAN SEVAINE SYSTEM

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



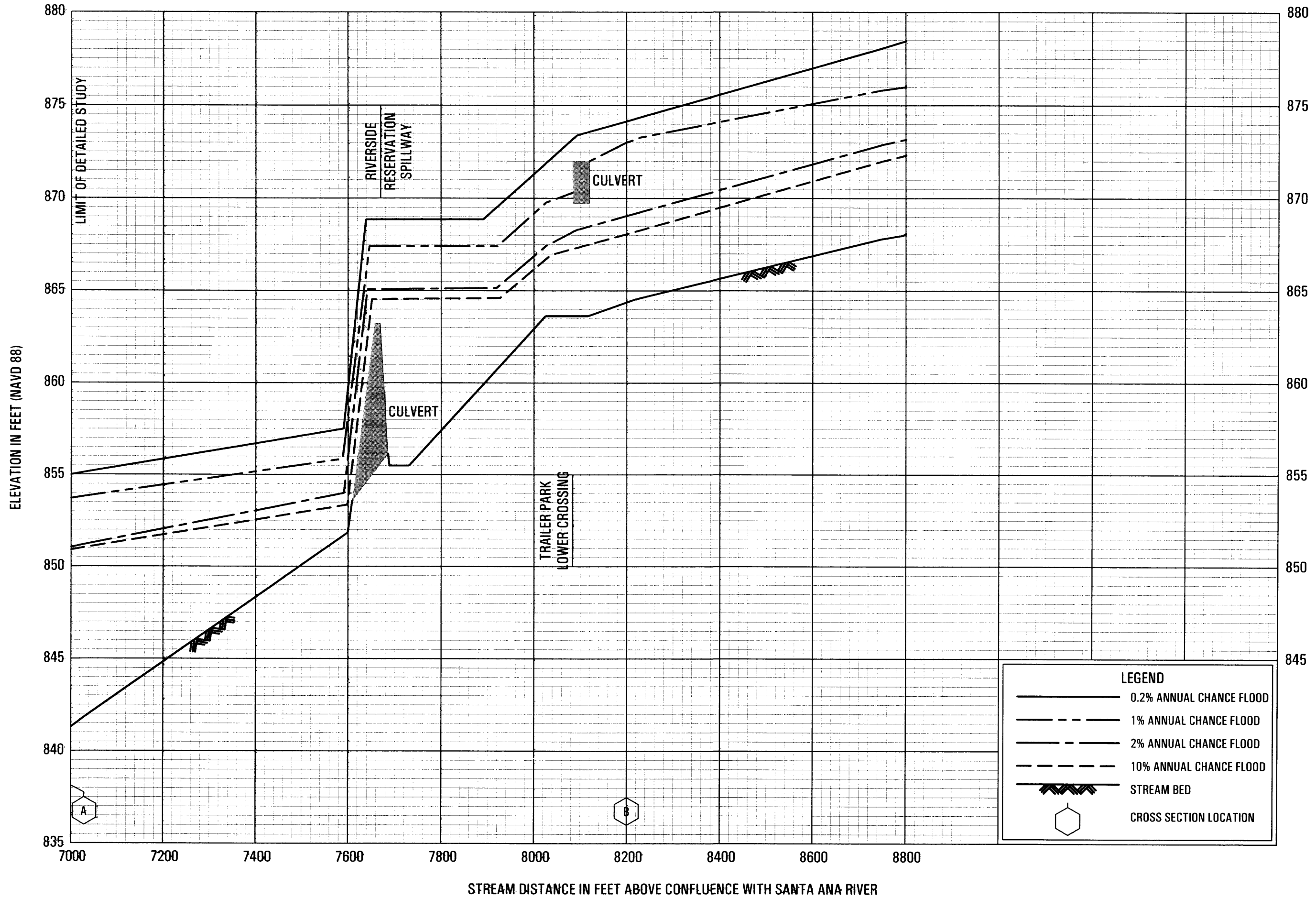
FLOOD PROFILES
 ETIWANDA / SAN SEVAINE SYSTEM

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES
GROUT CREEK

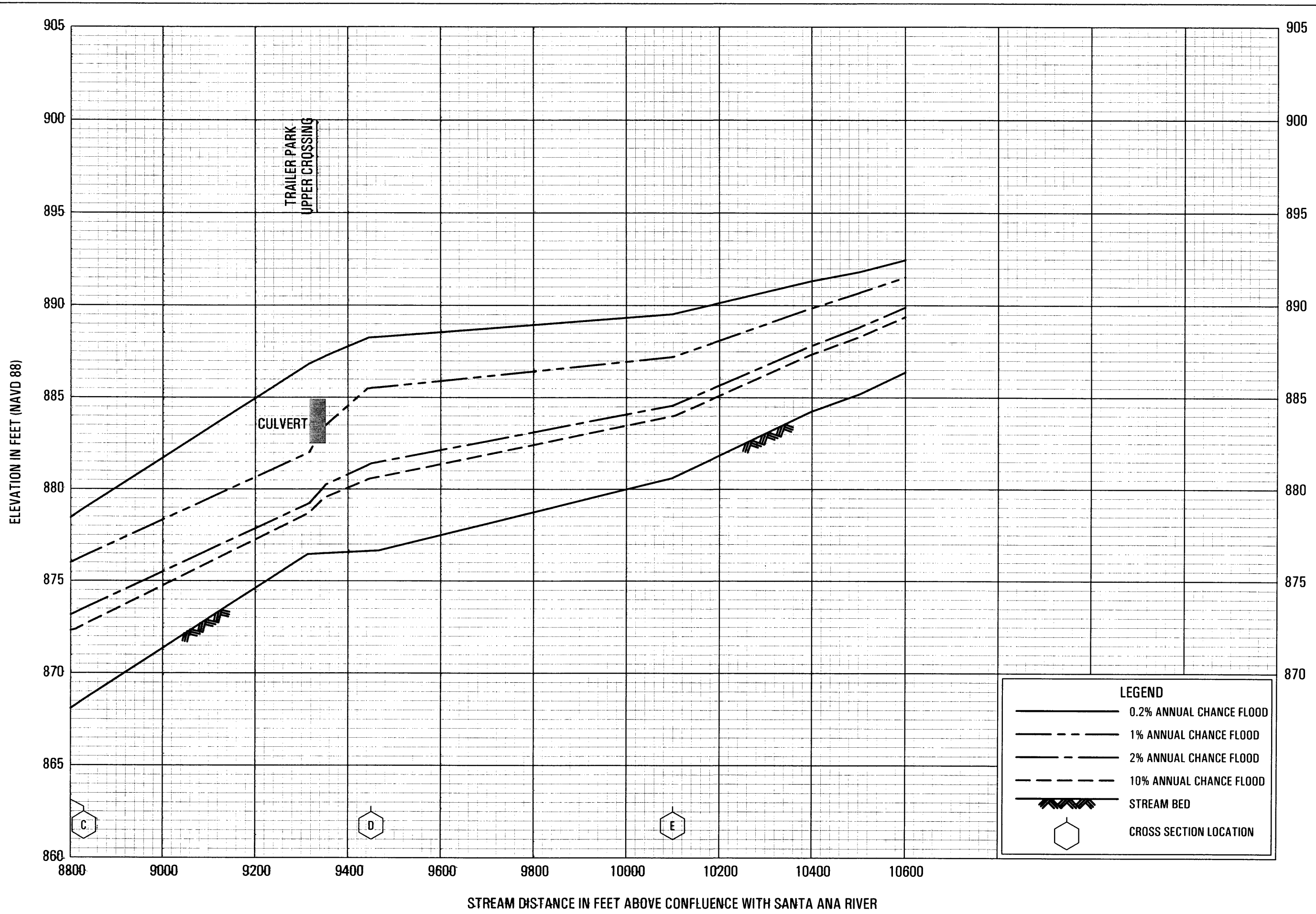
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

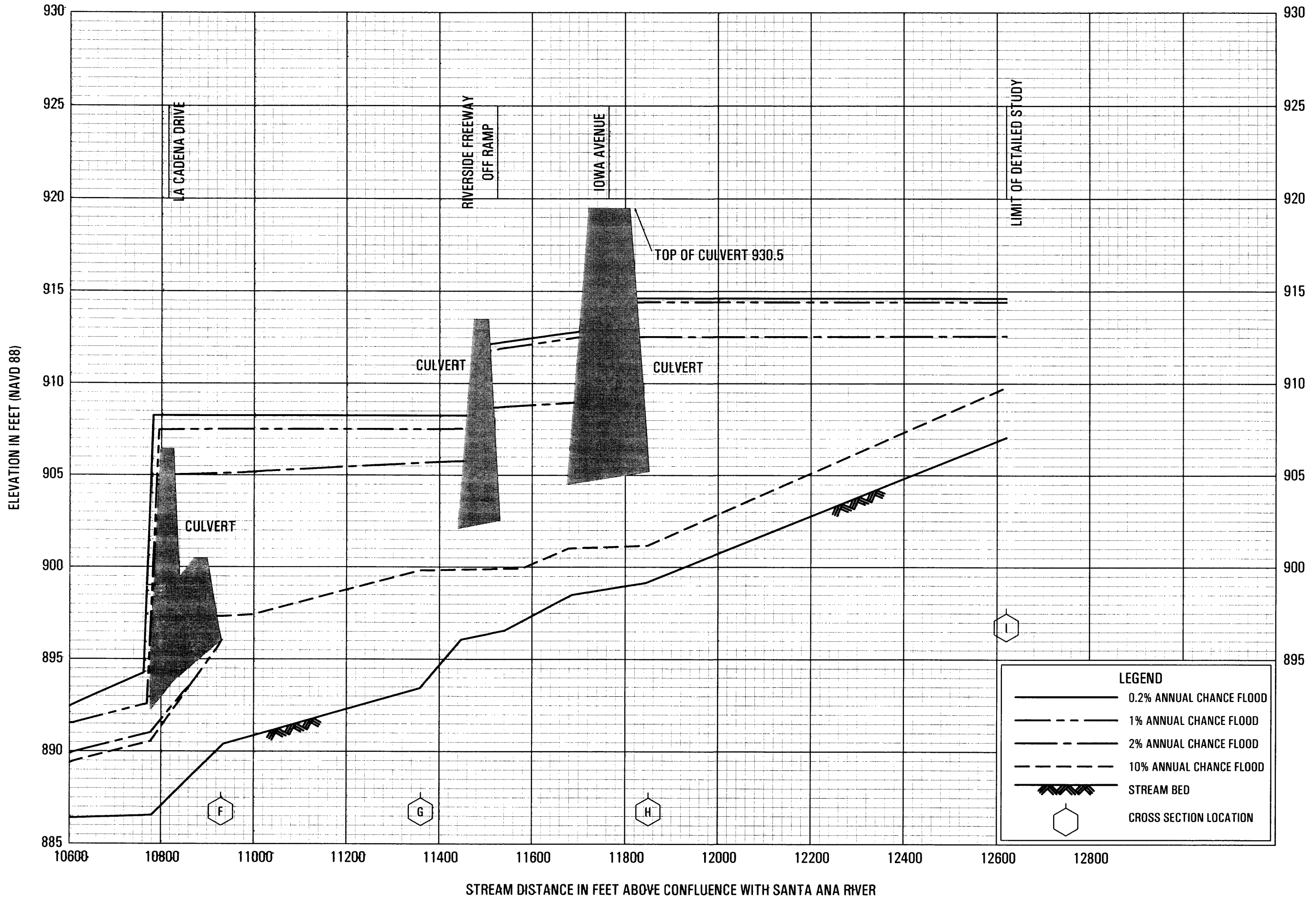
HIGHGROVE CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES
HIGHGROVE CHANNEL

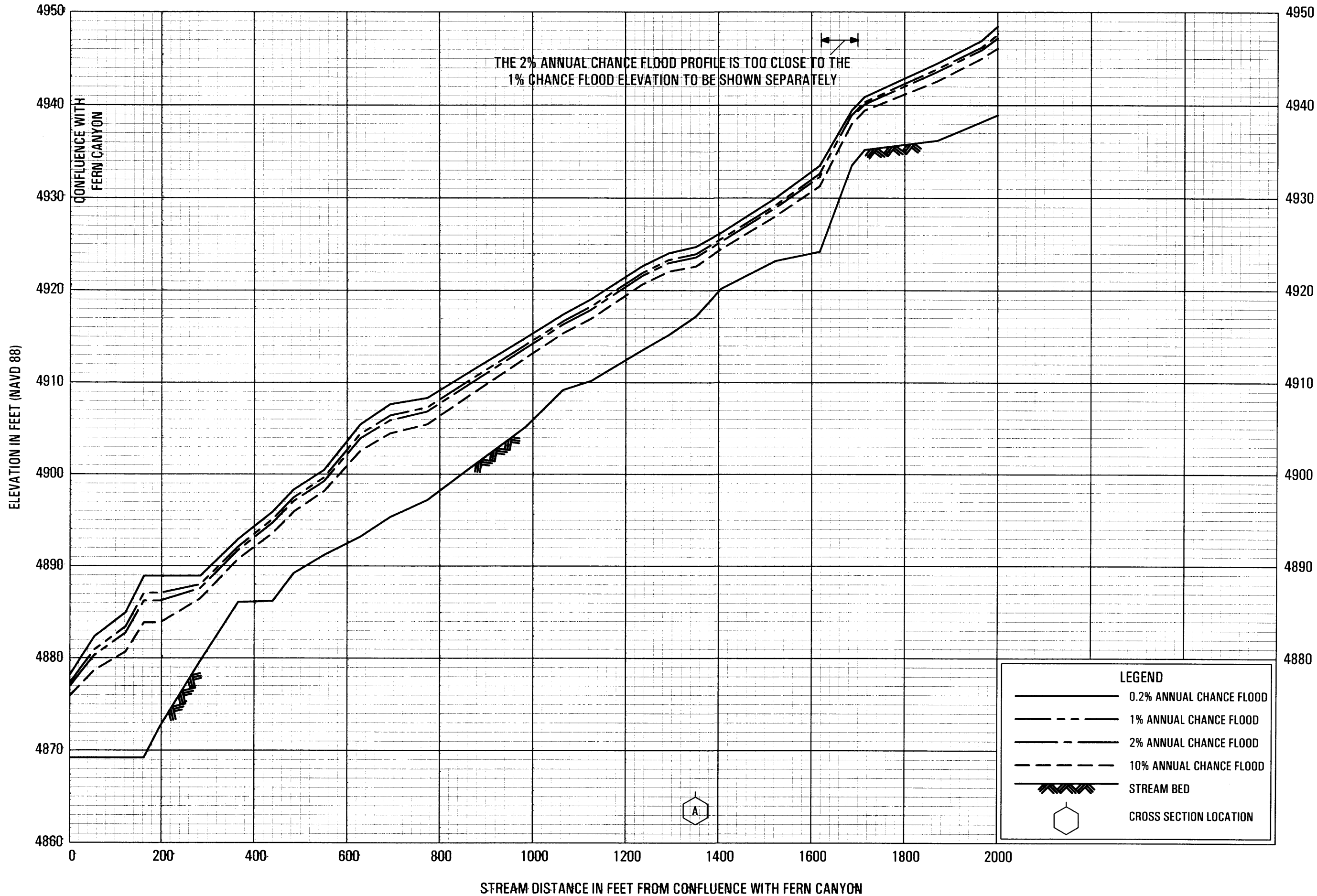
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

HIGHGROVE CHANNEL

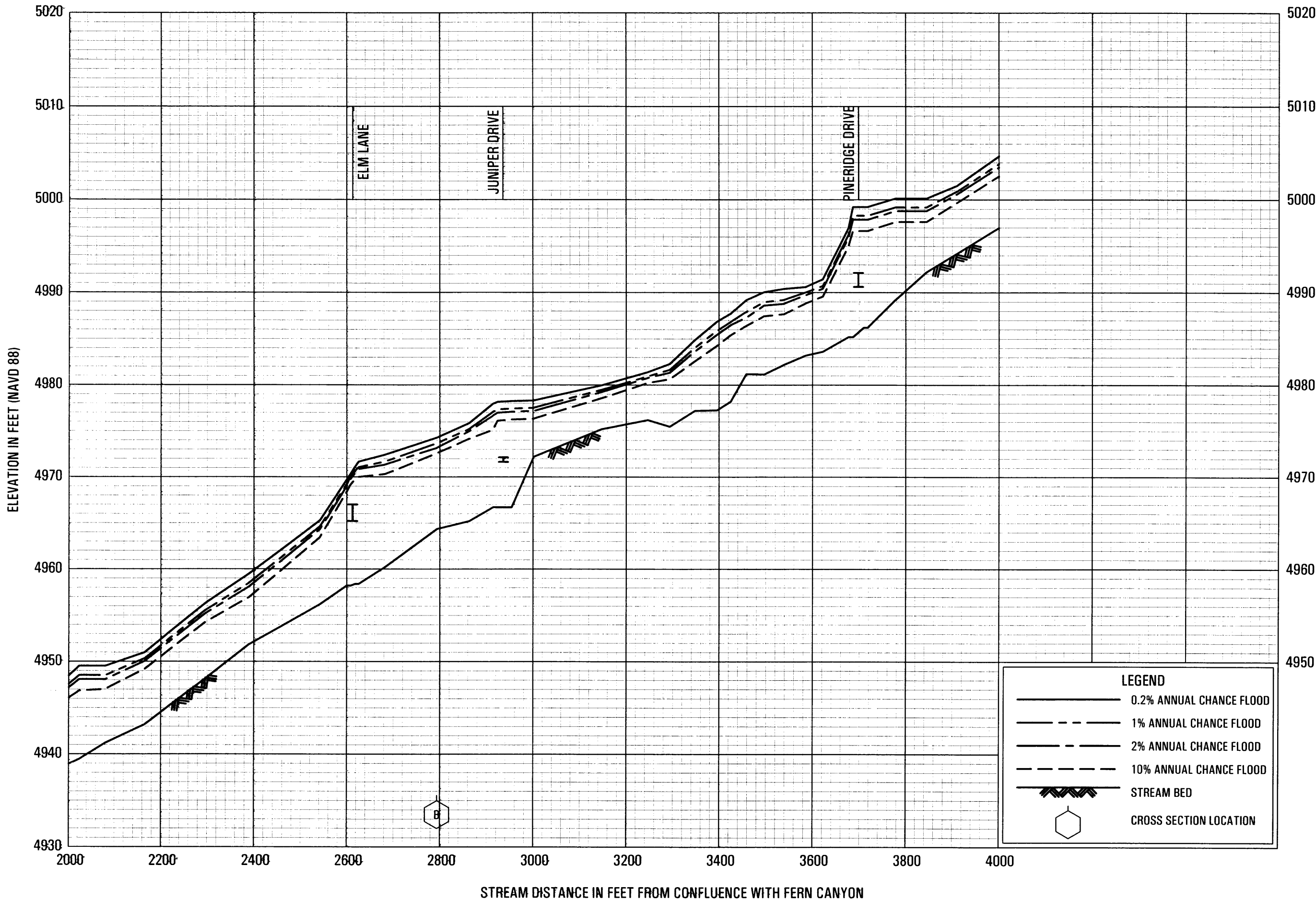
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES

HOOK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

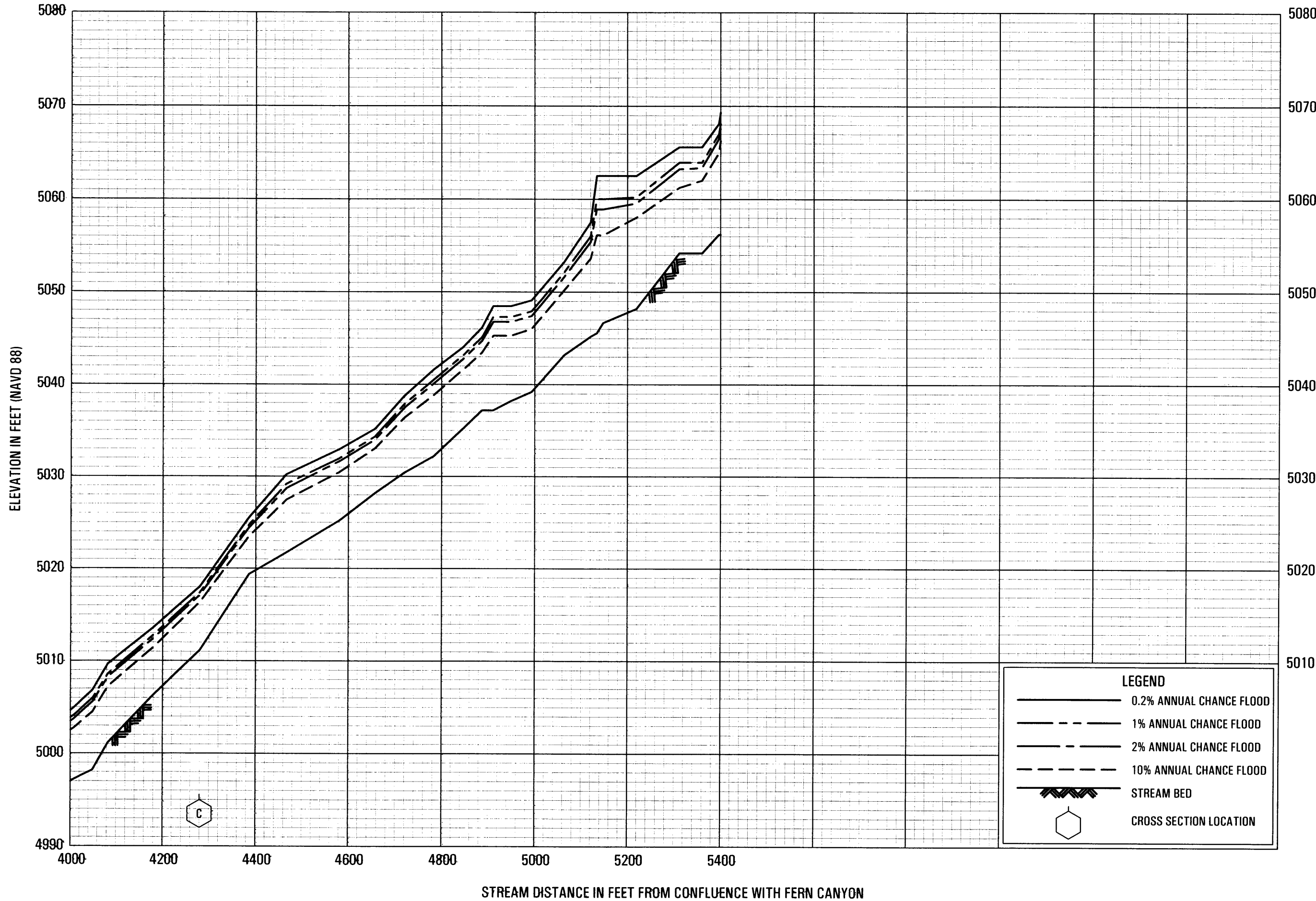


FLOOD PROFILES

HOOK CREEK

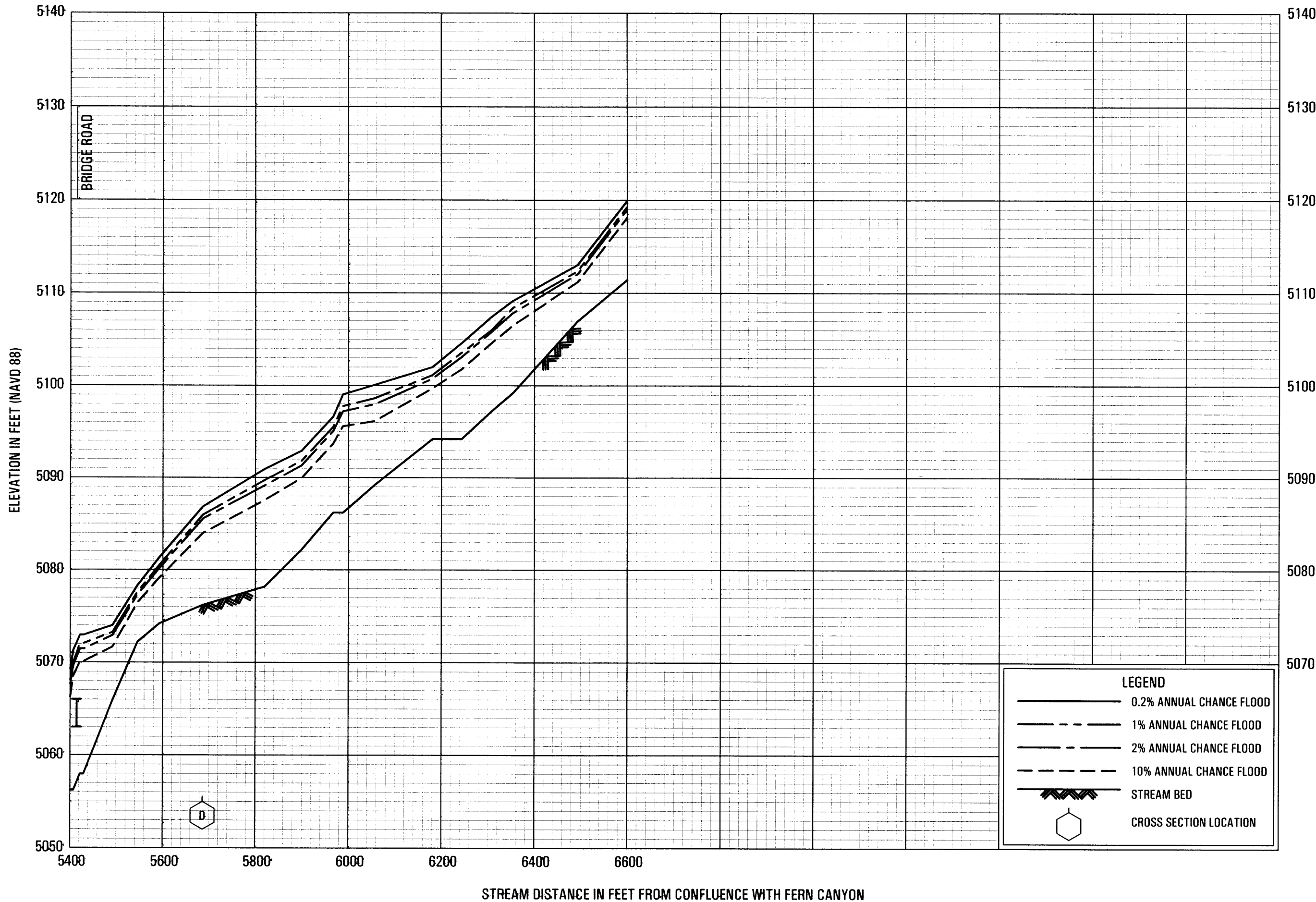
FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

67P



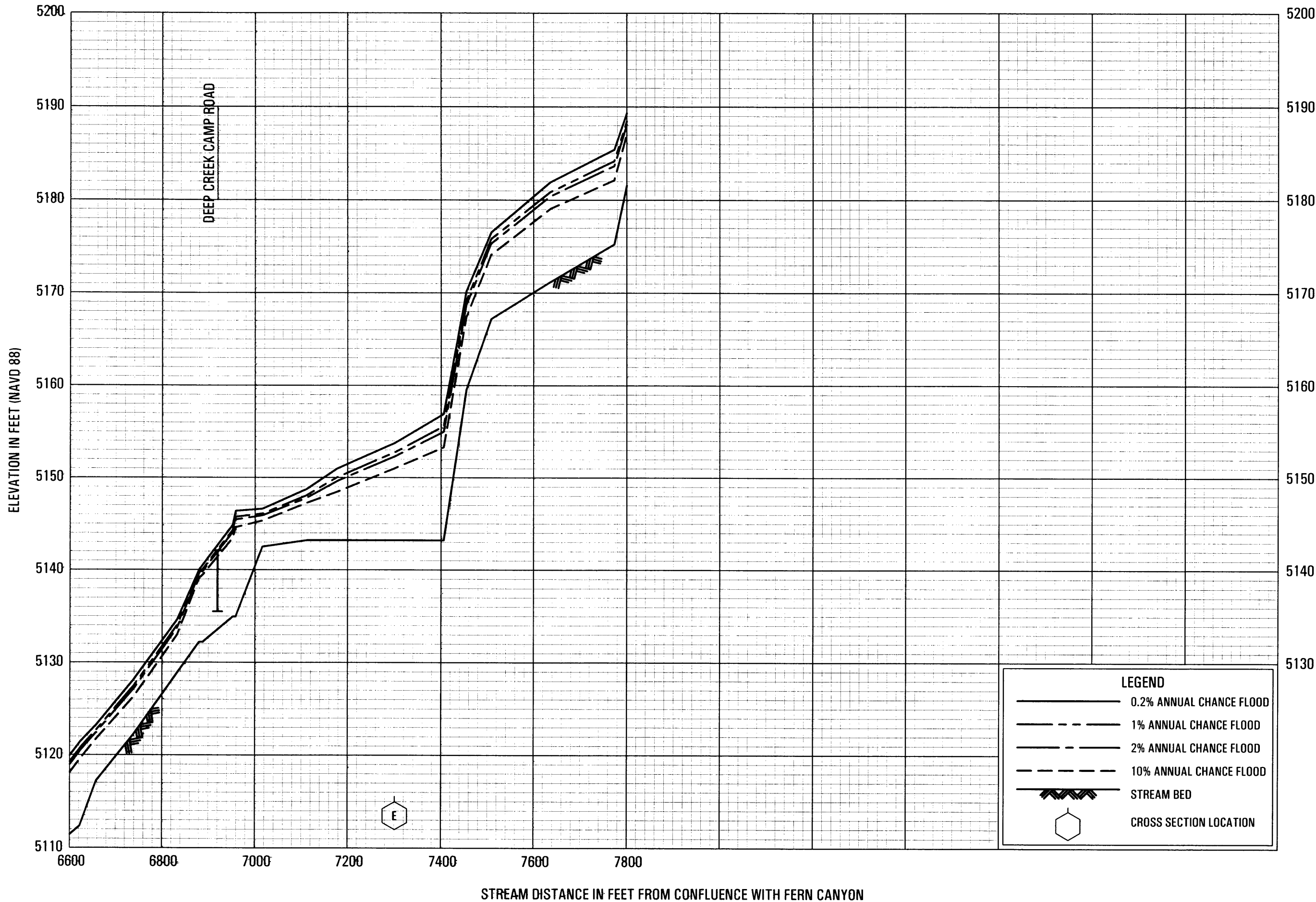
FLOOD PROFILES
HOOK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
HOOK CREEK

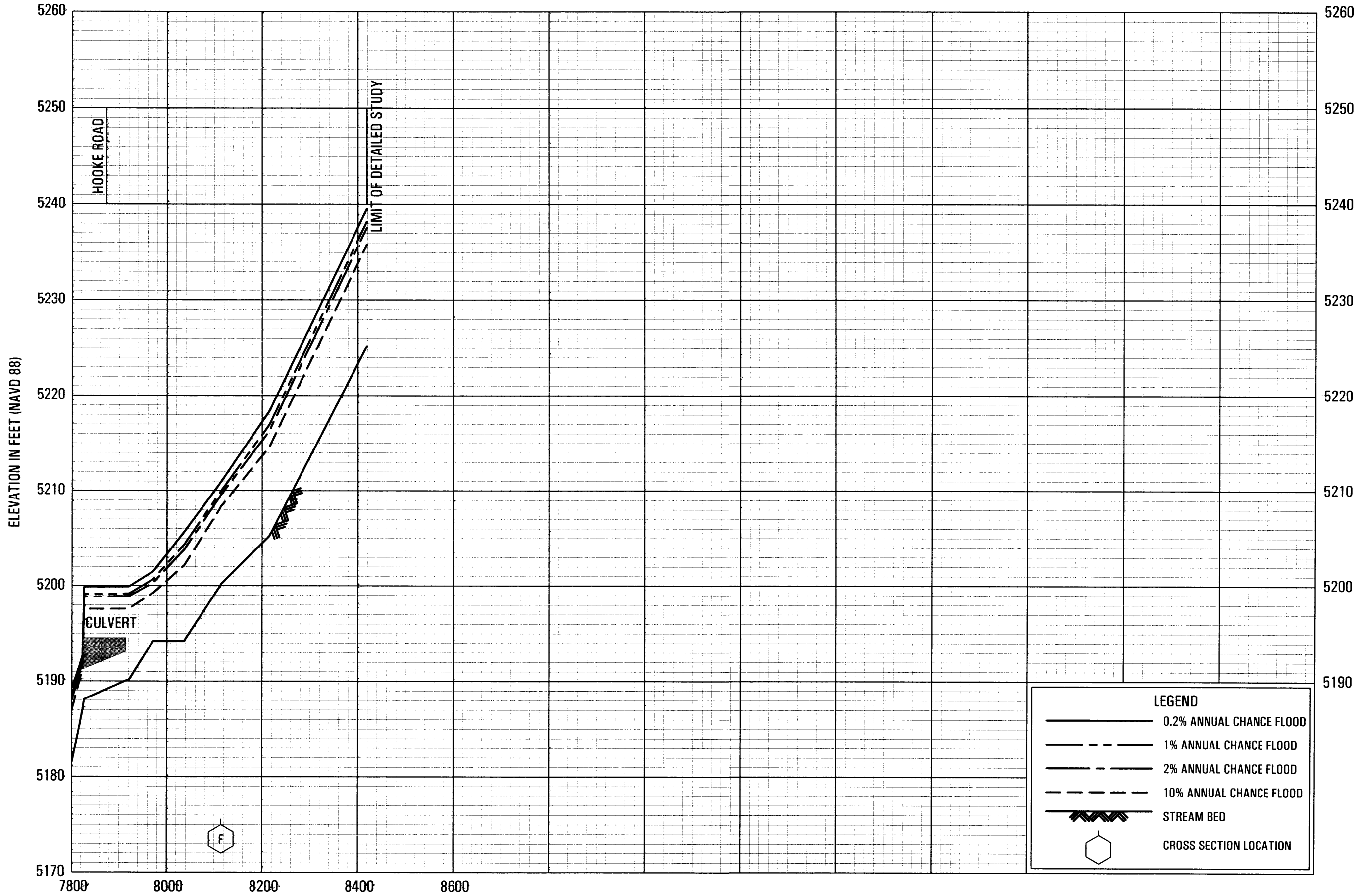
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

HOOK CREEK

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**

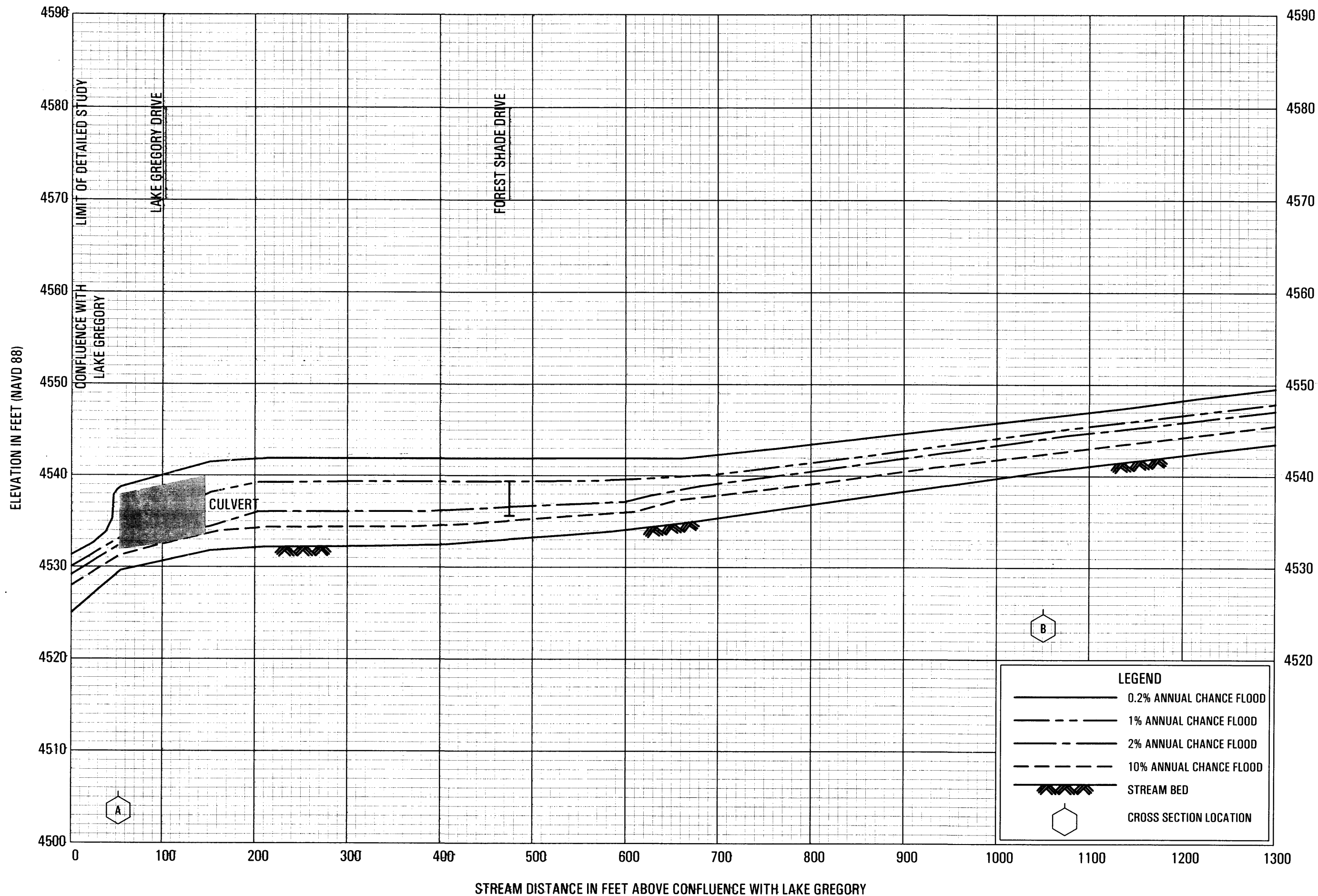


FLOOD PROFILES

HOOK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

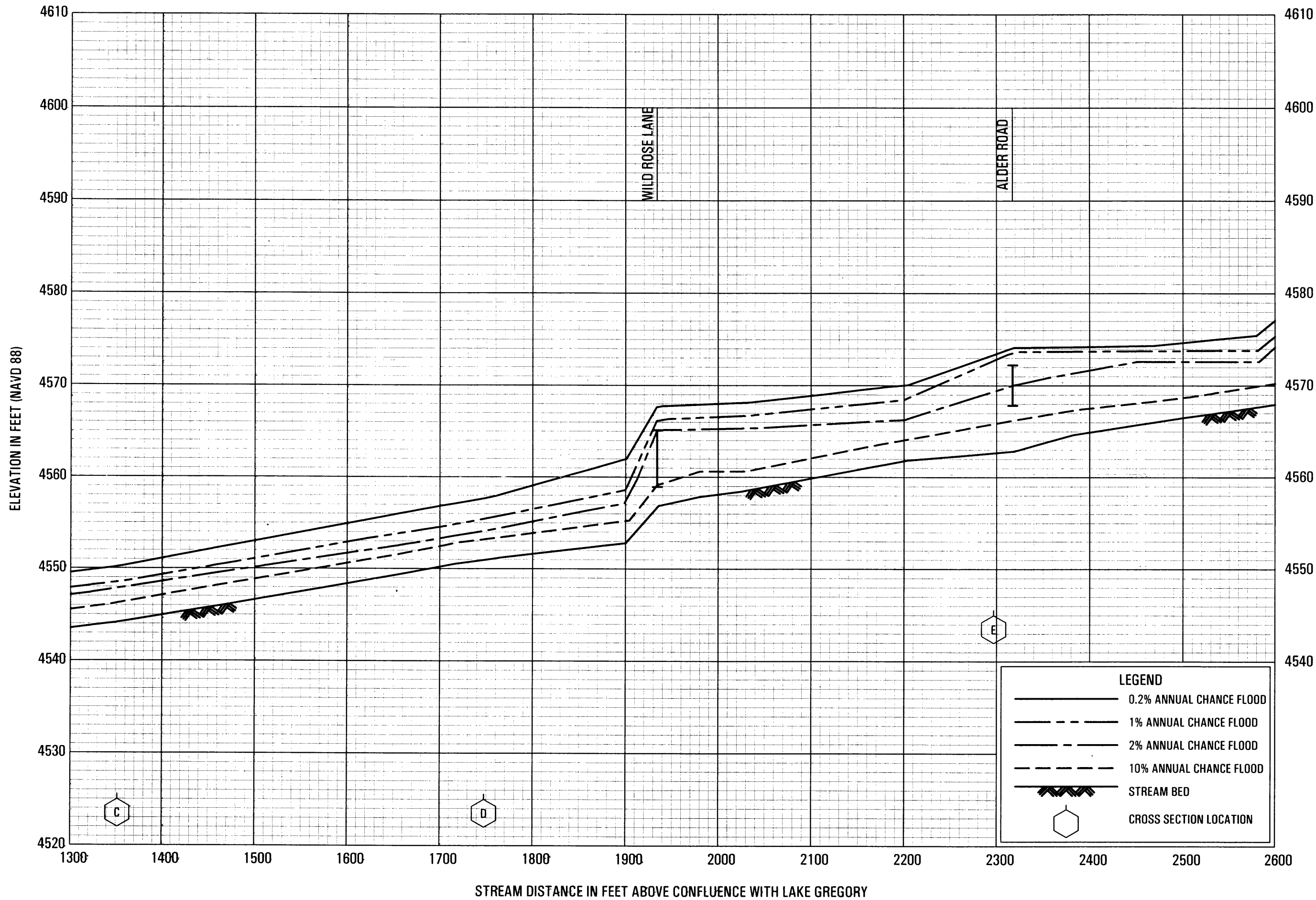
STREAM DISTANCE IN FEET FROM CONFLUENCE WITH FERN CANYON



FLOOD PROFILES
HOUSTON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

72P



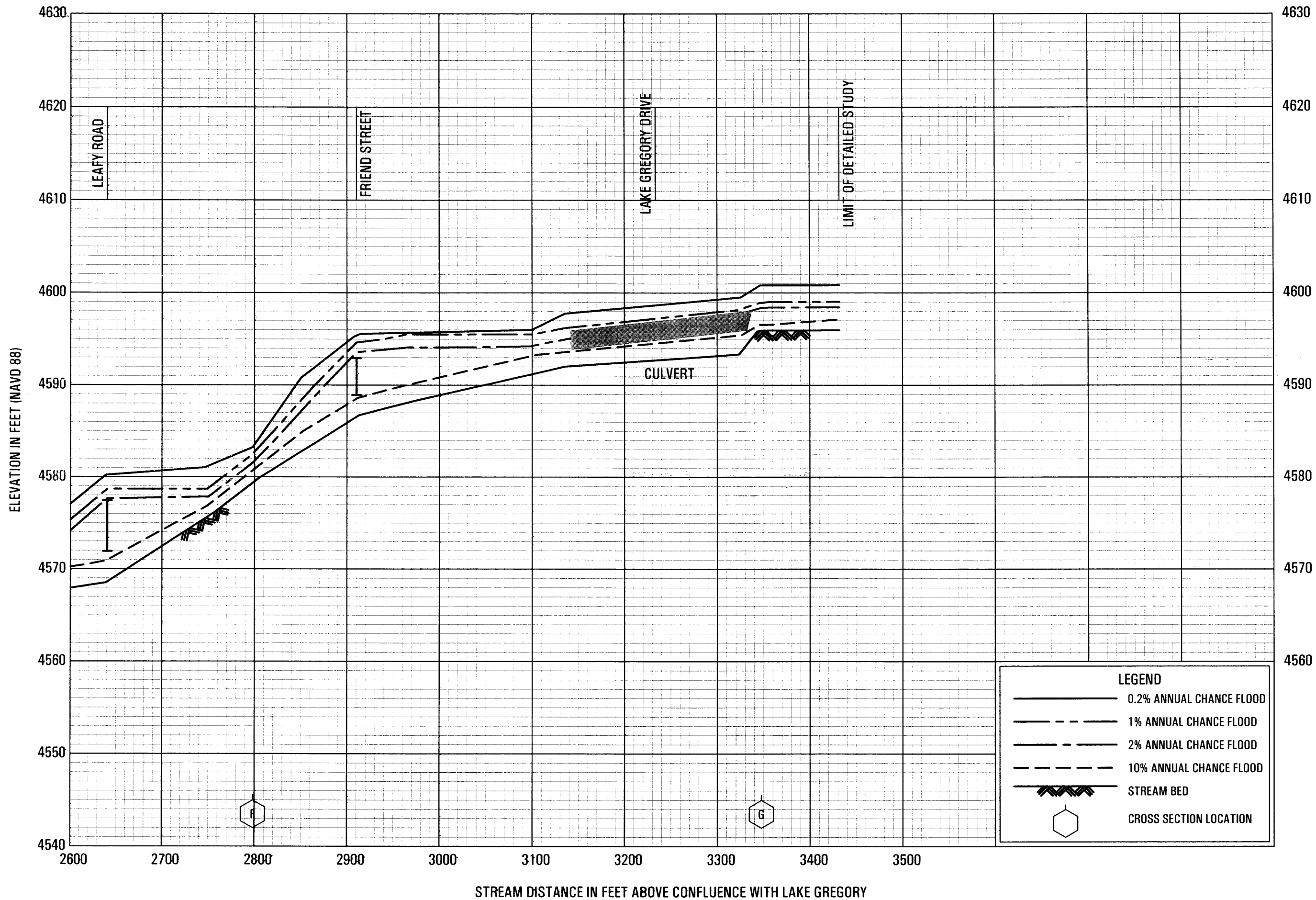
FLOOD PROFILES

HOUSTON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA

AND INCORPORATED AREAS

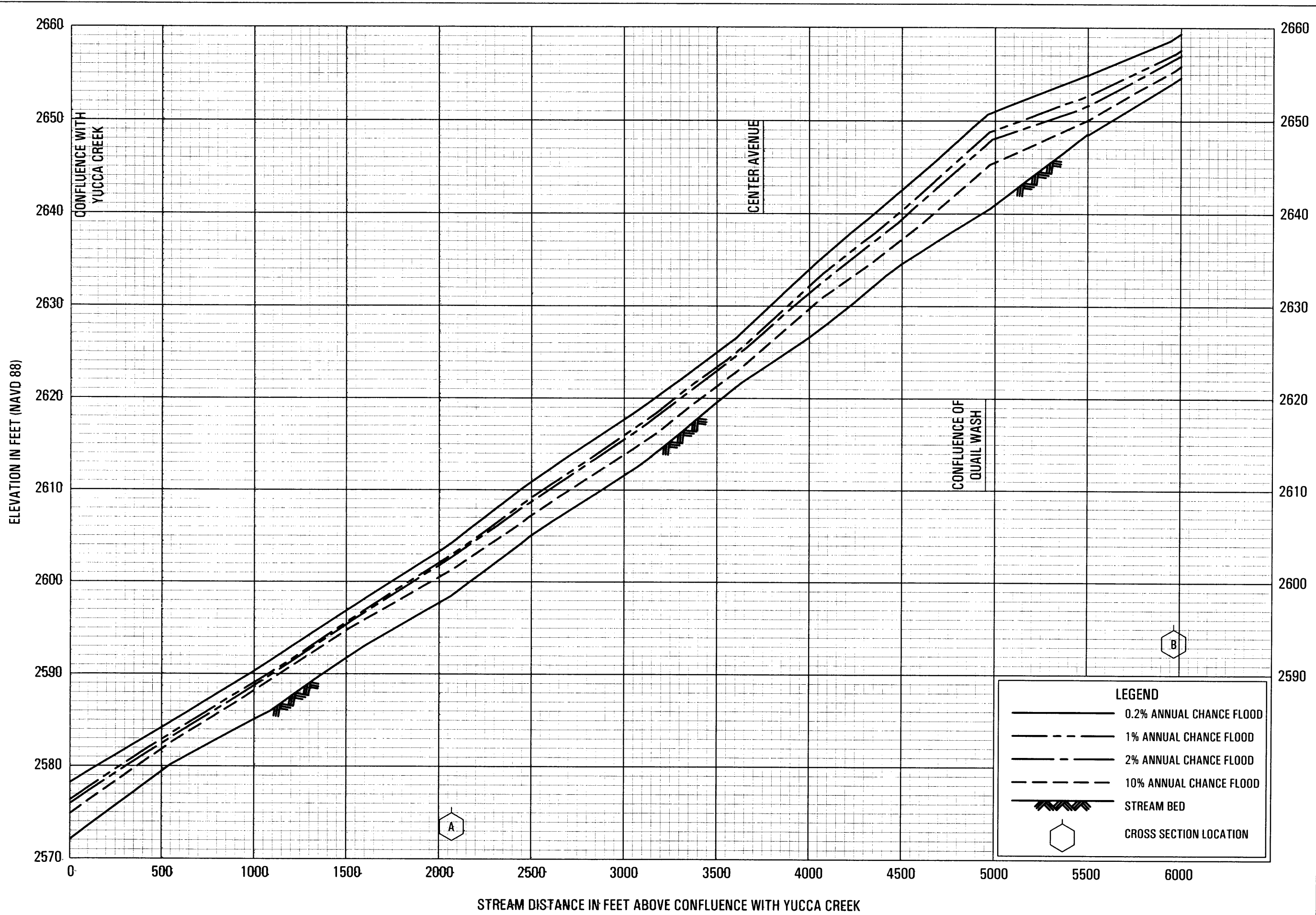


FLOOD PROFILES

HOUSTON CREEK

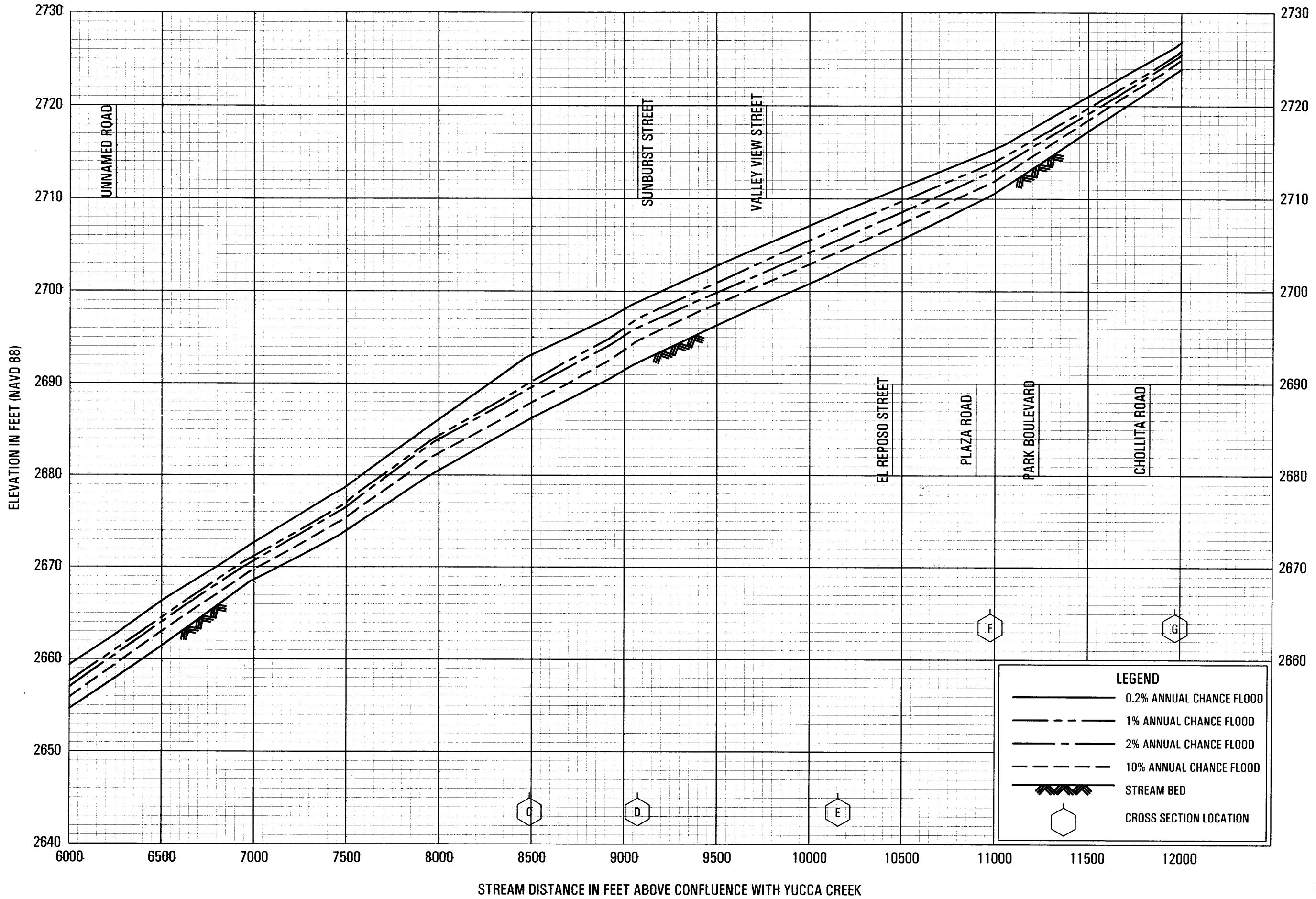
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

74P



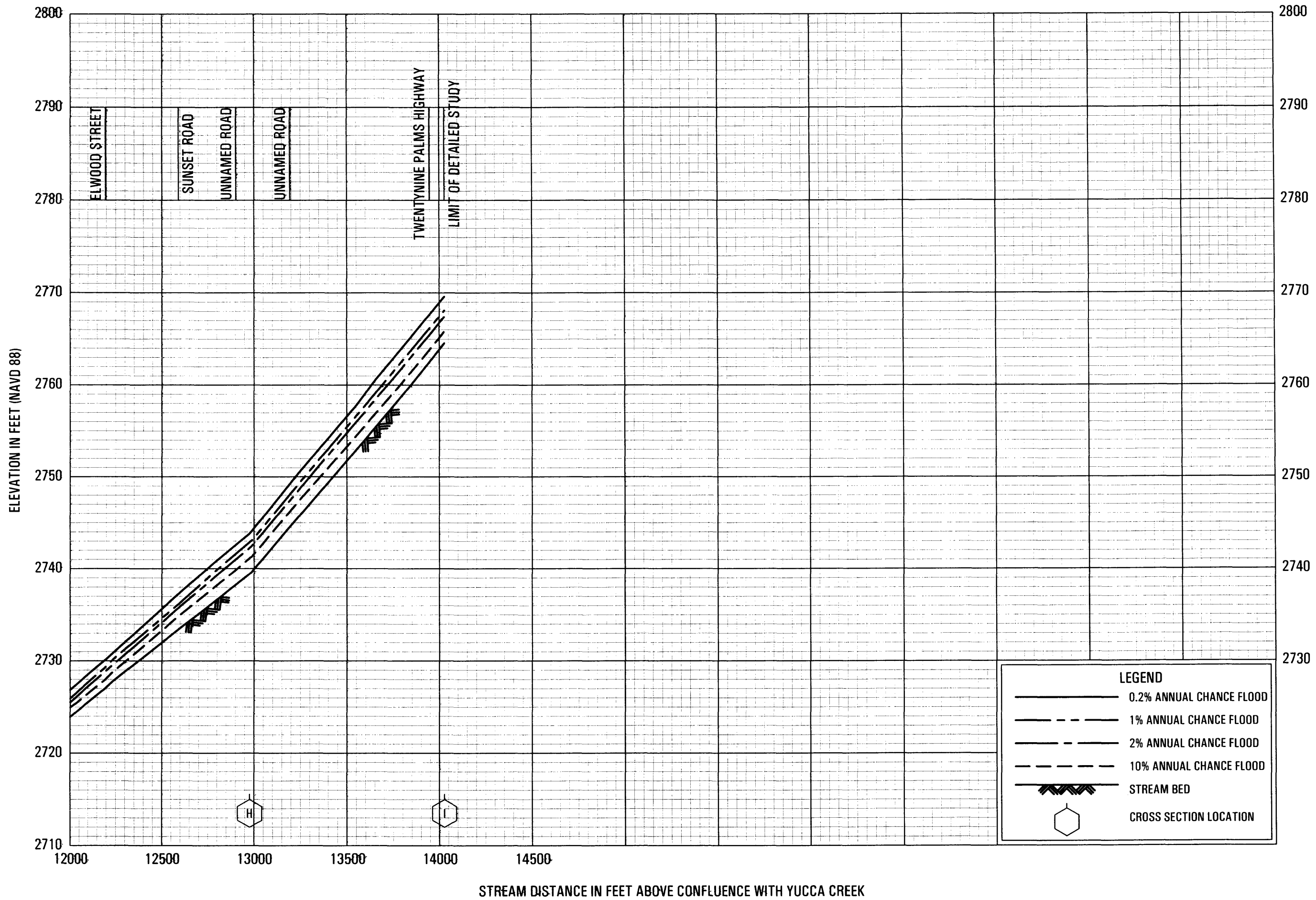
FLOOD PROFILES
JOSHUA TREE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES
JOSHUA TREE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

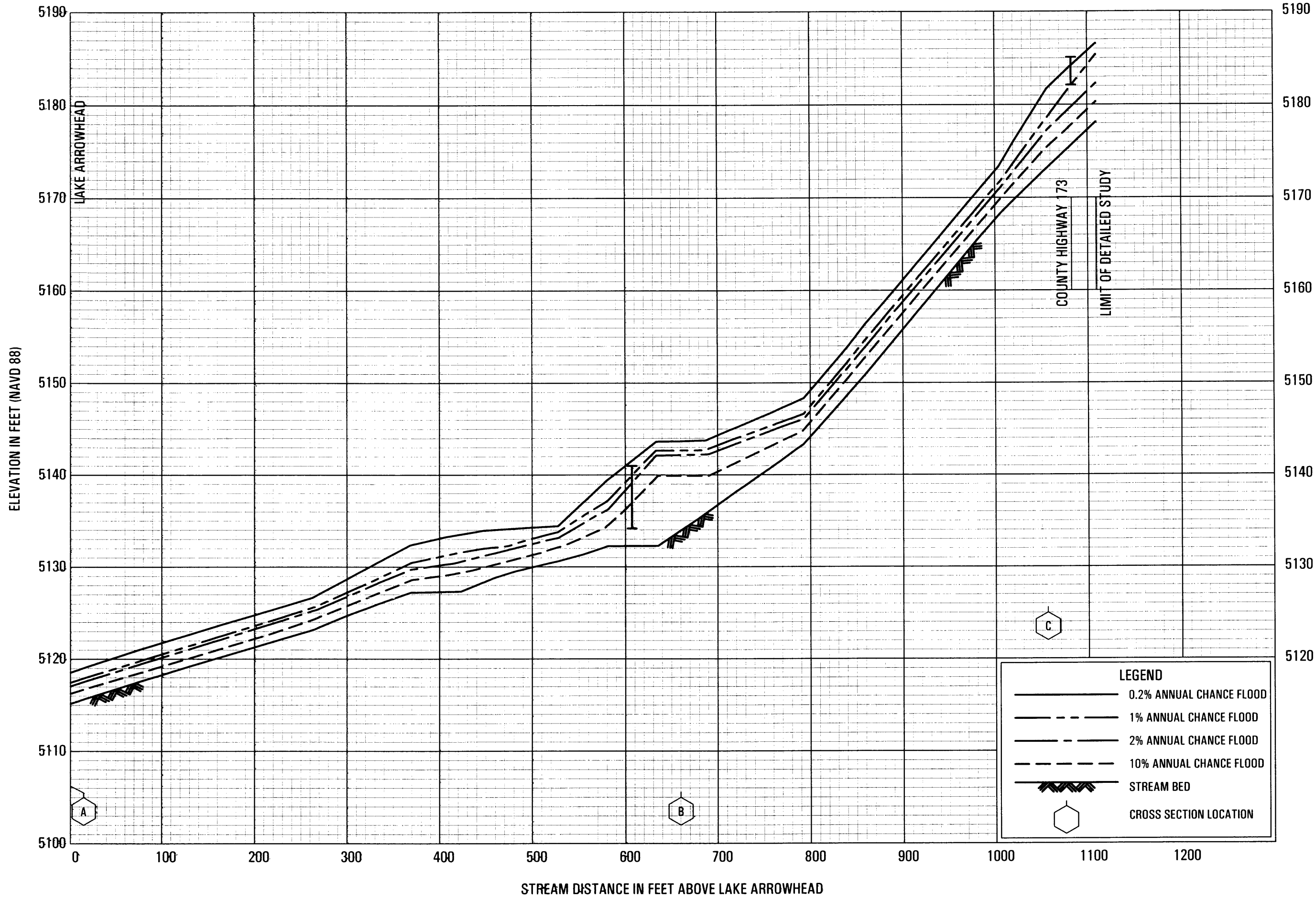


FLOOD PROFILES

JOSHUA TREE CREEK

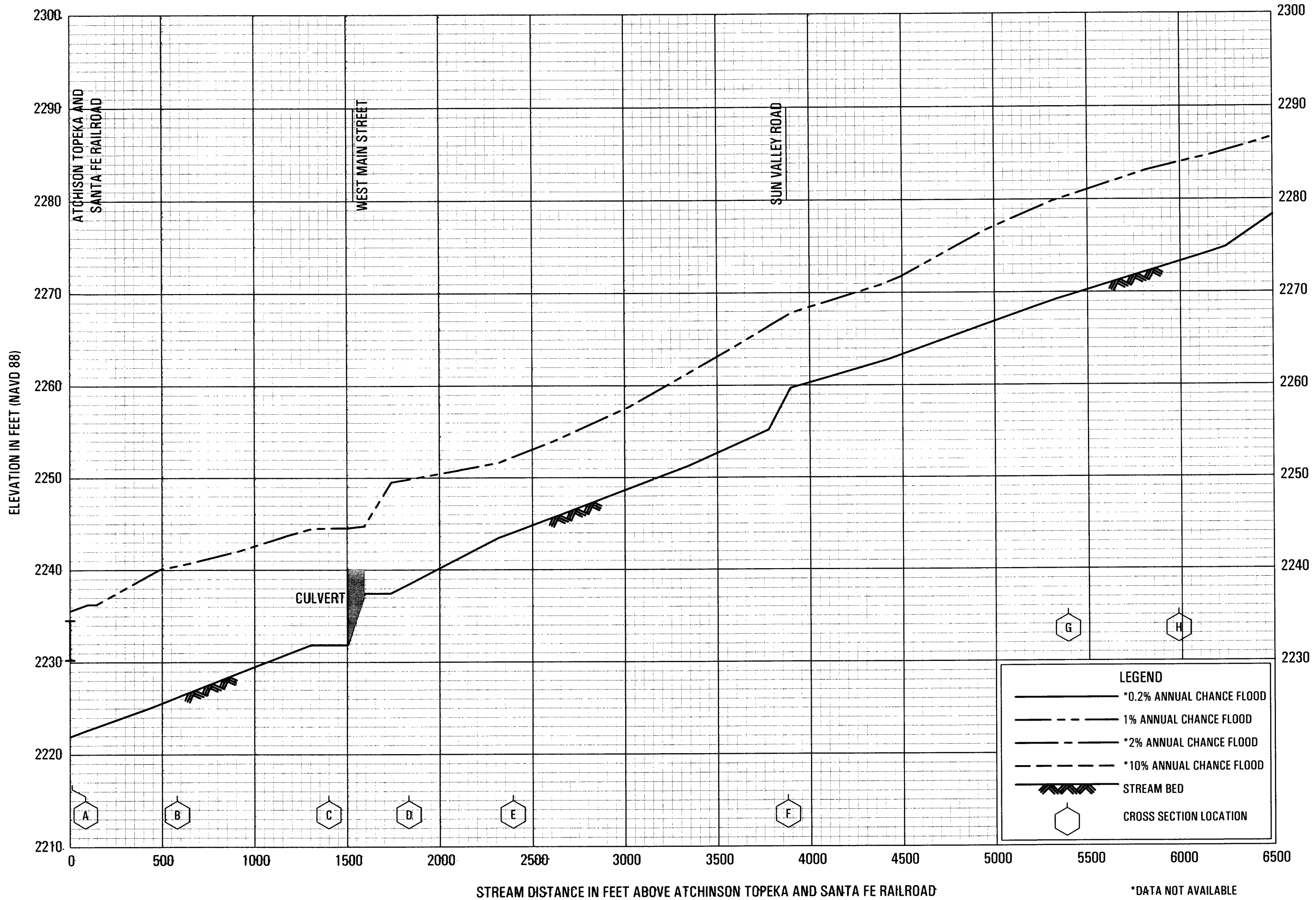
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
KUFFEL CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

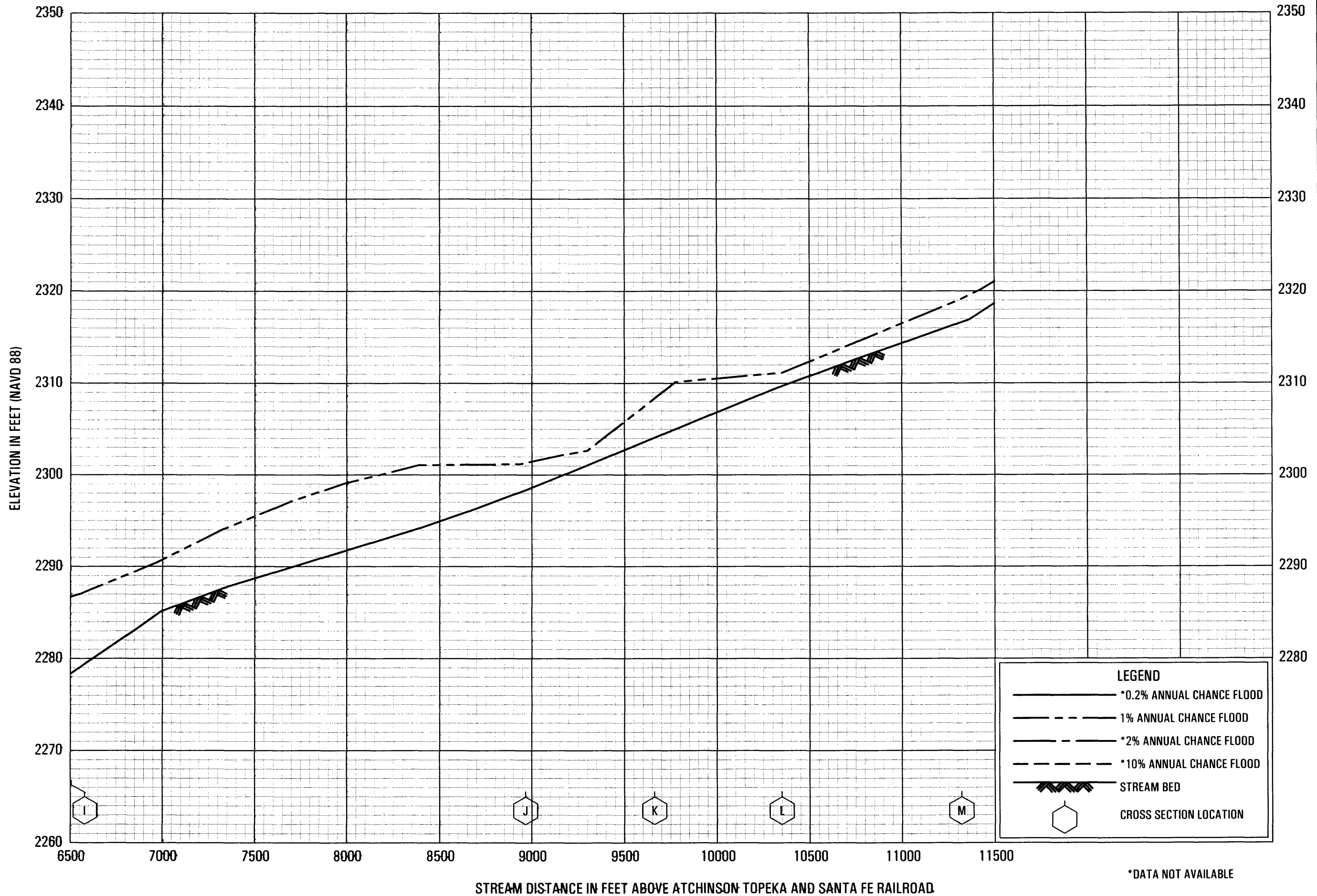


FLOOD PROFILES

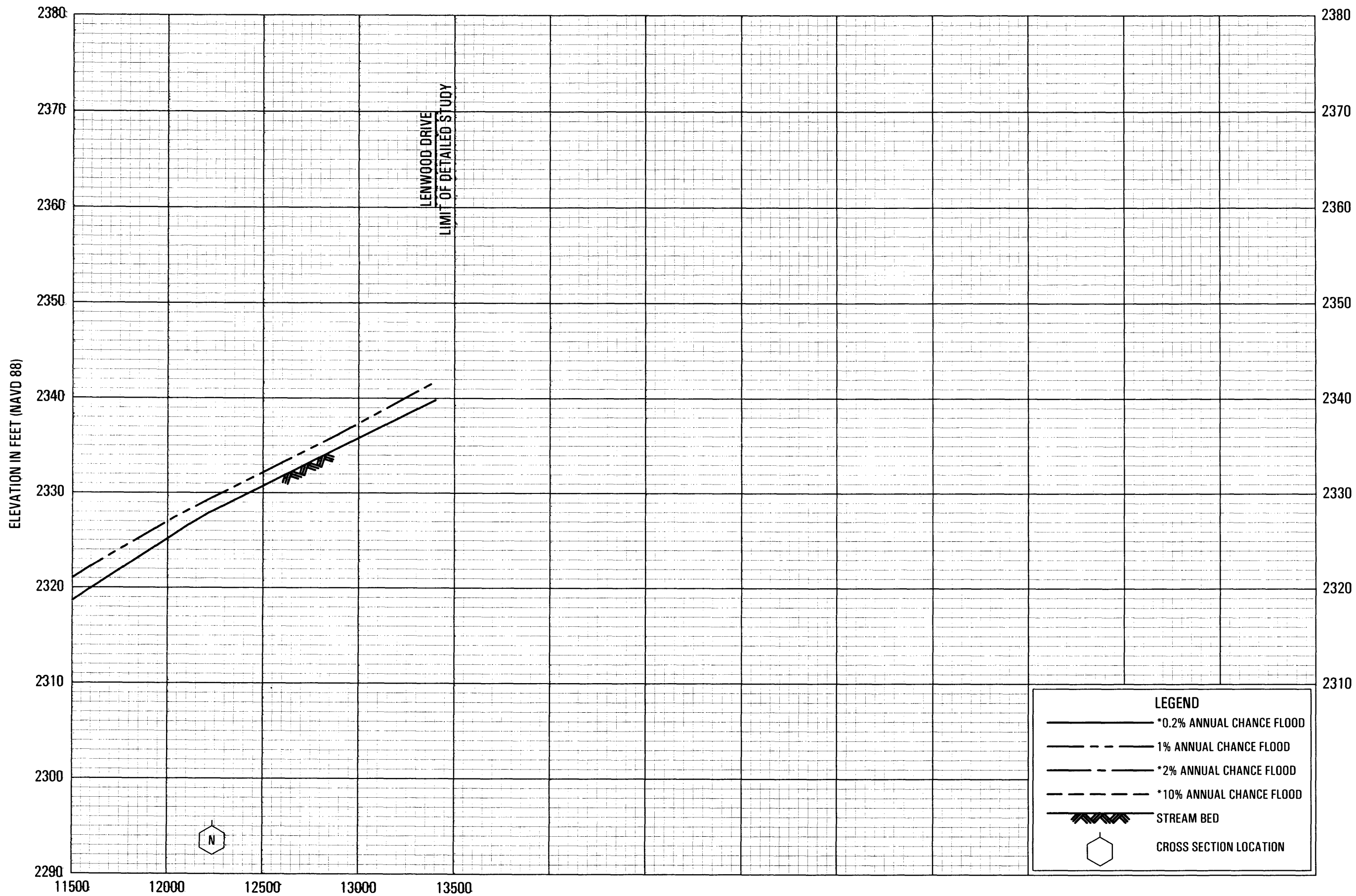
LENWOOD CREEK

**FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS**

*DATA NOT AVAILABLE



*DATA NOT AVAILABLE



ELEVATION IN FEET (NAVD 88)

2380
2370
2360
2350
2340
2330
2320
2310
2300
2290

2380
2370
2360
2350
2340
2330
2320
2310
2300
2290

11500 12000 12500 13000 13500

STREAM DISTANCE IN FEET ABOVE ATCHINSON TOPEKA AND SANTA FE RAILROAD

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

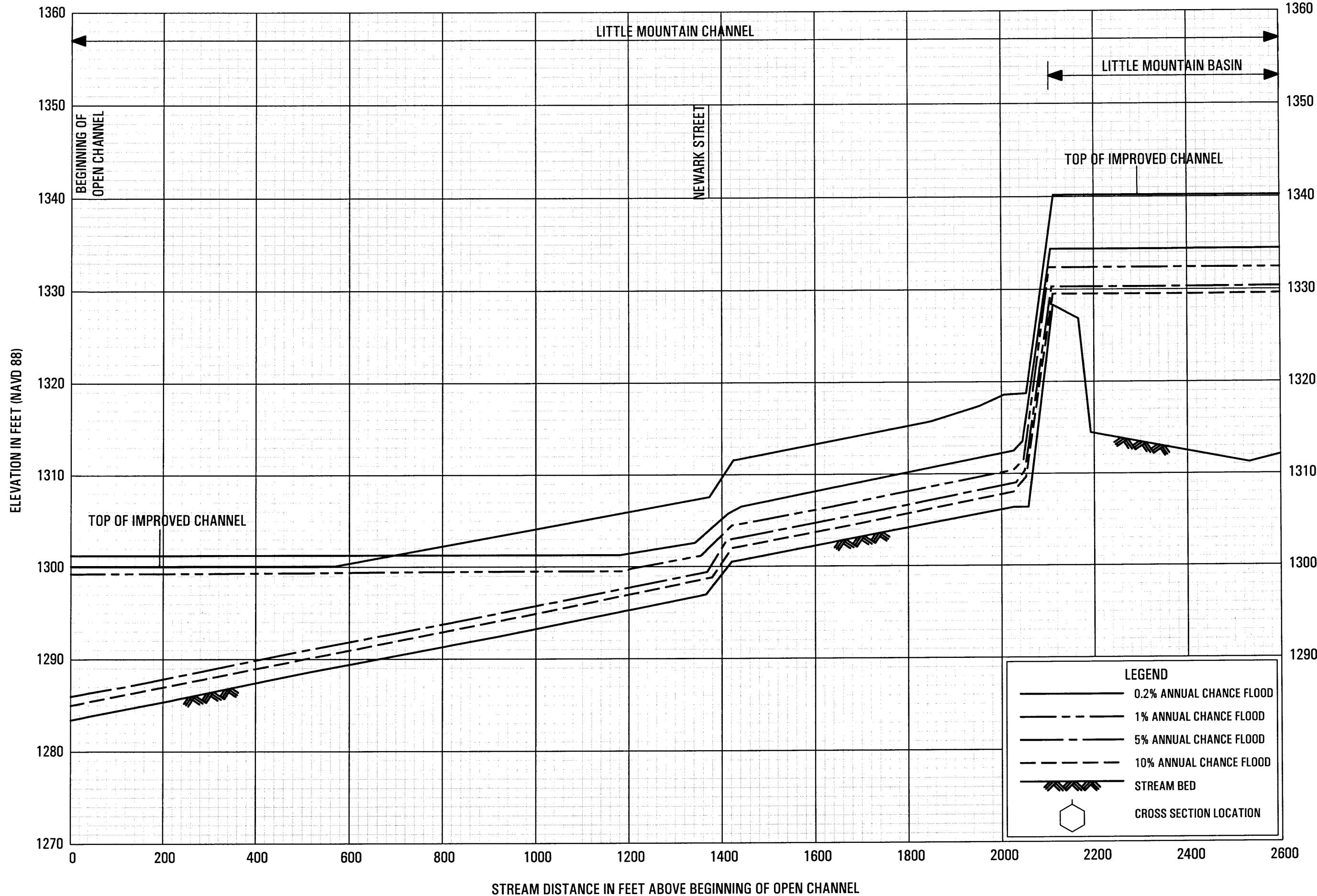


LENWOOD DRIVE
LIMIT OF DETAILED STUDY

FLOOD PROFILES
LENWOOD CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

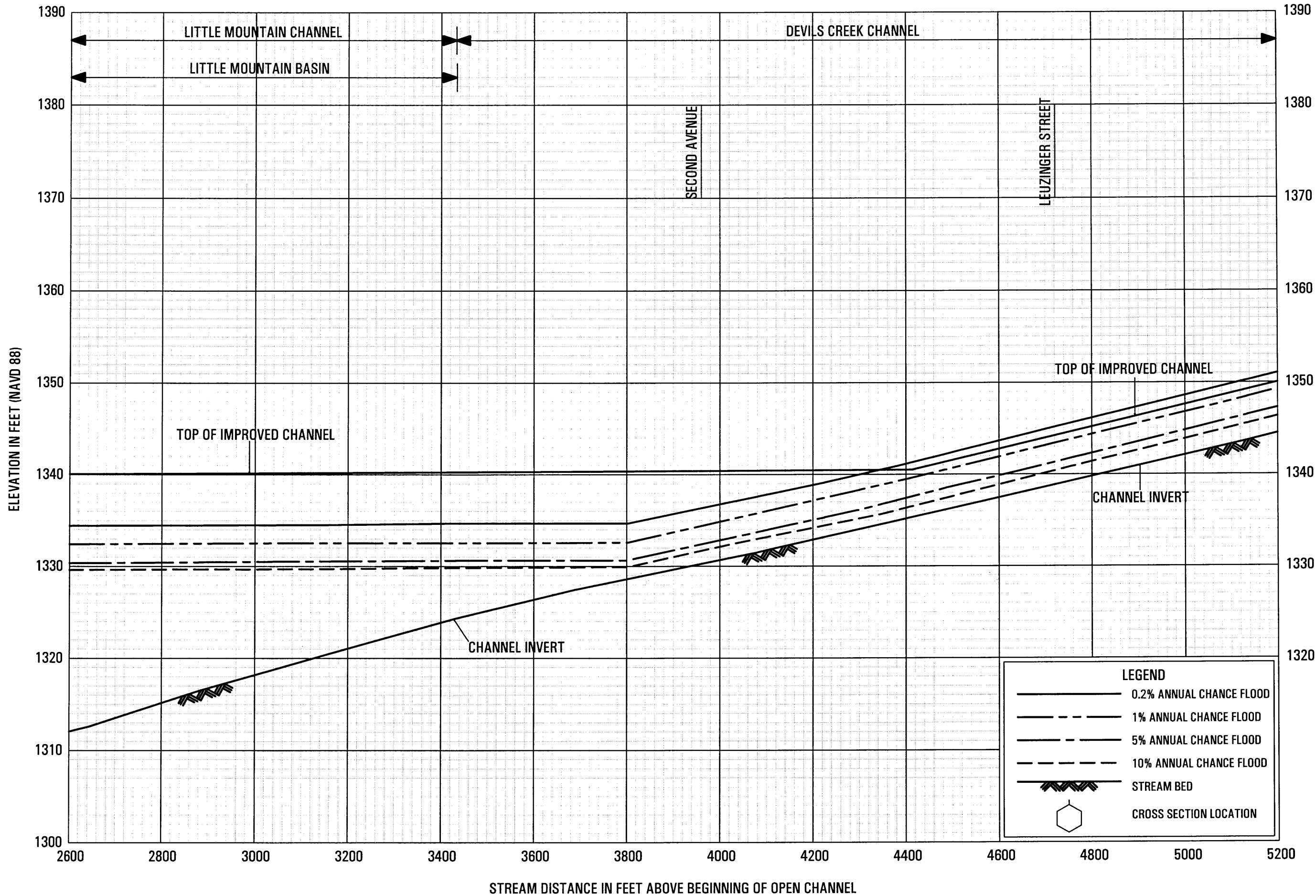
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FLOOD PROFILES

LITTLE MOUNTAIN CHANNEL - DEVIL CREEK - WESTERN AVENUE STORM DRAIN

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

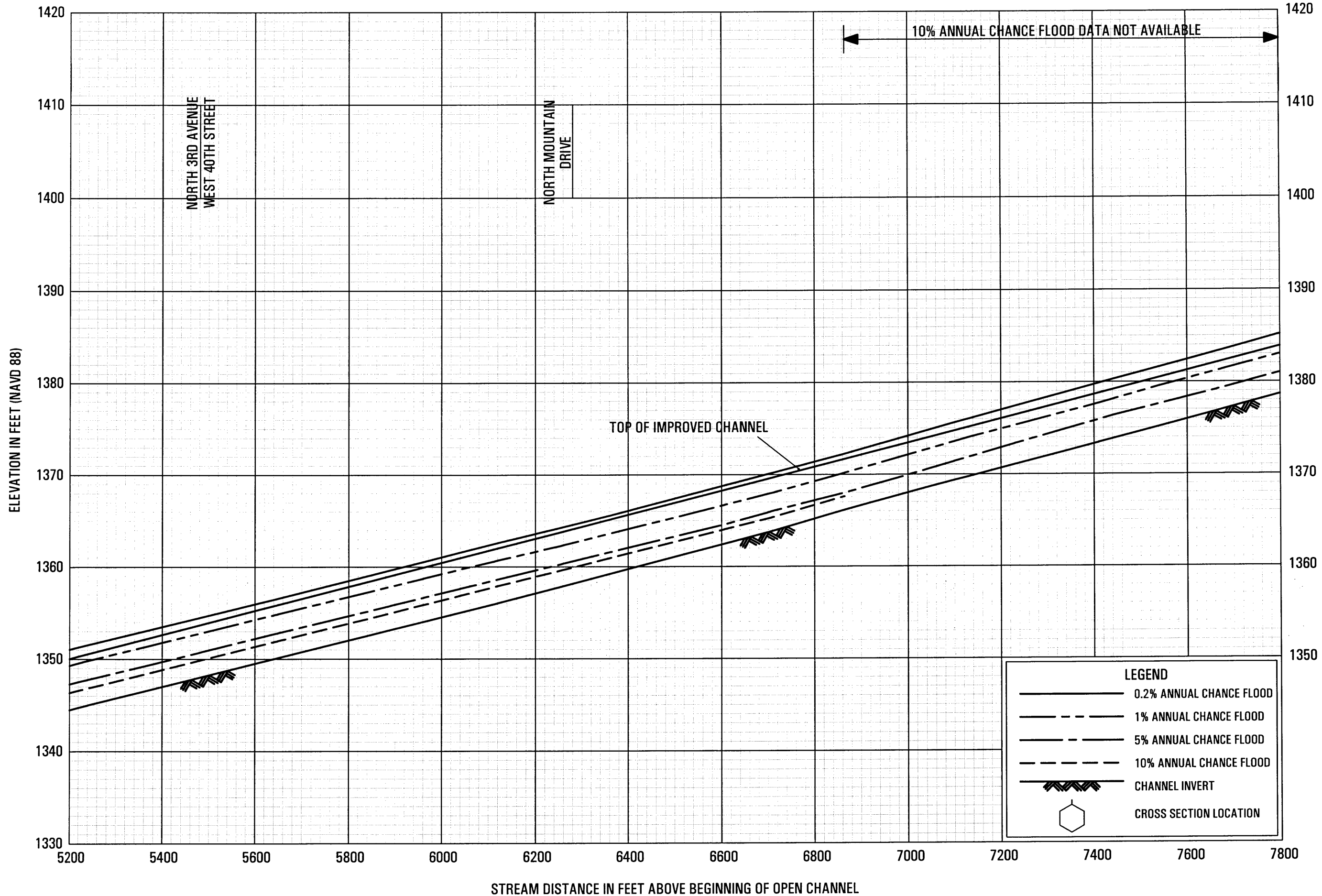


FLOOD PROFILES

LITTLE MOUNTAIN CHANNEL - DEVIL CREEK - WESTERN AVENUE STORM DRAIN

FEDERAL EMERGENCY MANAGEMENT AGENCY

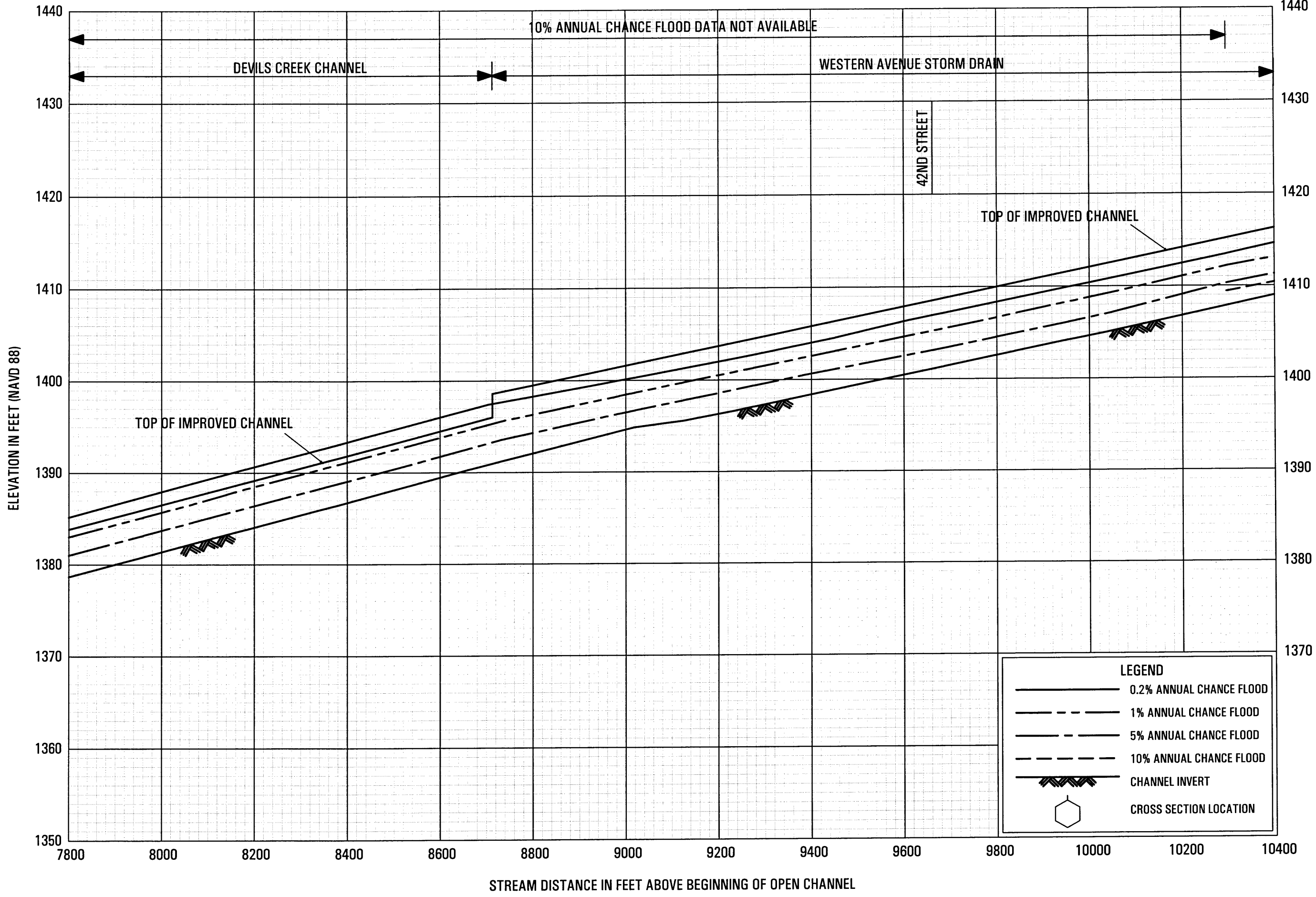
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

LITTLE MOUNTAIN CHANNEL-DEVIL CREEK - WESTERN AVENUE STORM DRAIN

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

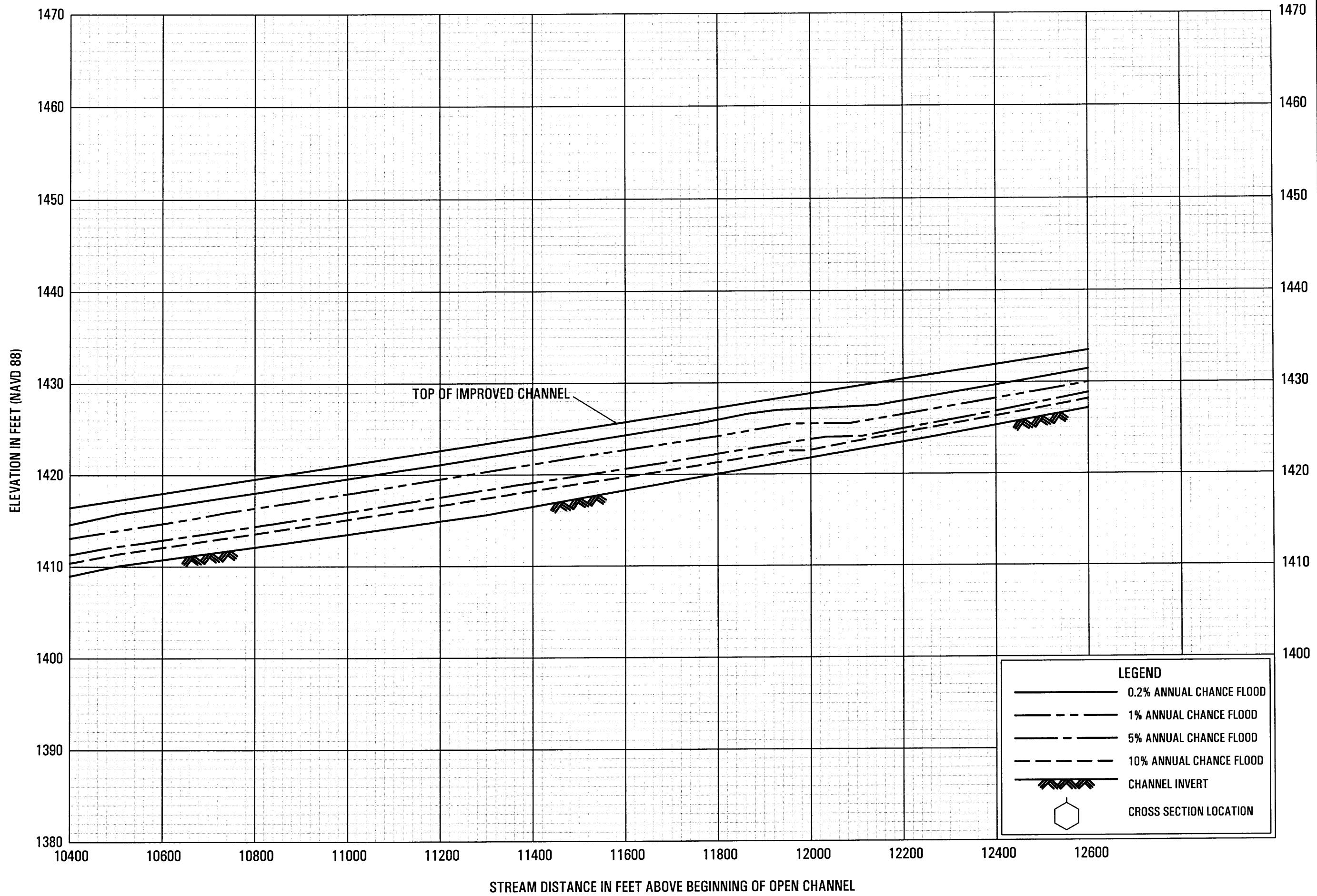


FLOOD PROFILES

LITTLE MOUNTAIN CHANNEL - DEVIL CREEK - WESTERN AVENUE STORM DRAIN

FEDERAL EMERGENCY MANAGEMENT AGENCY

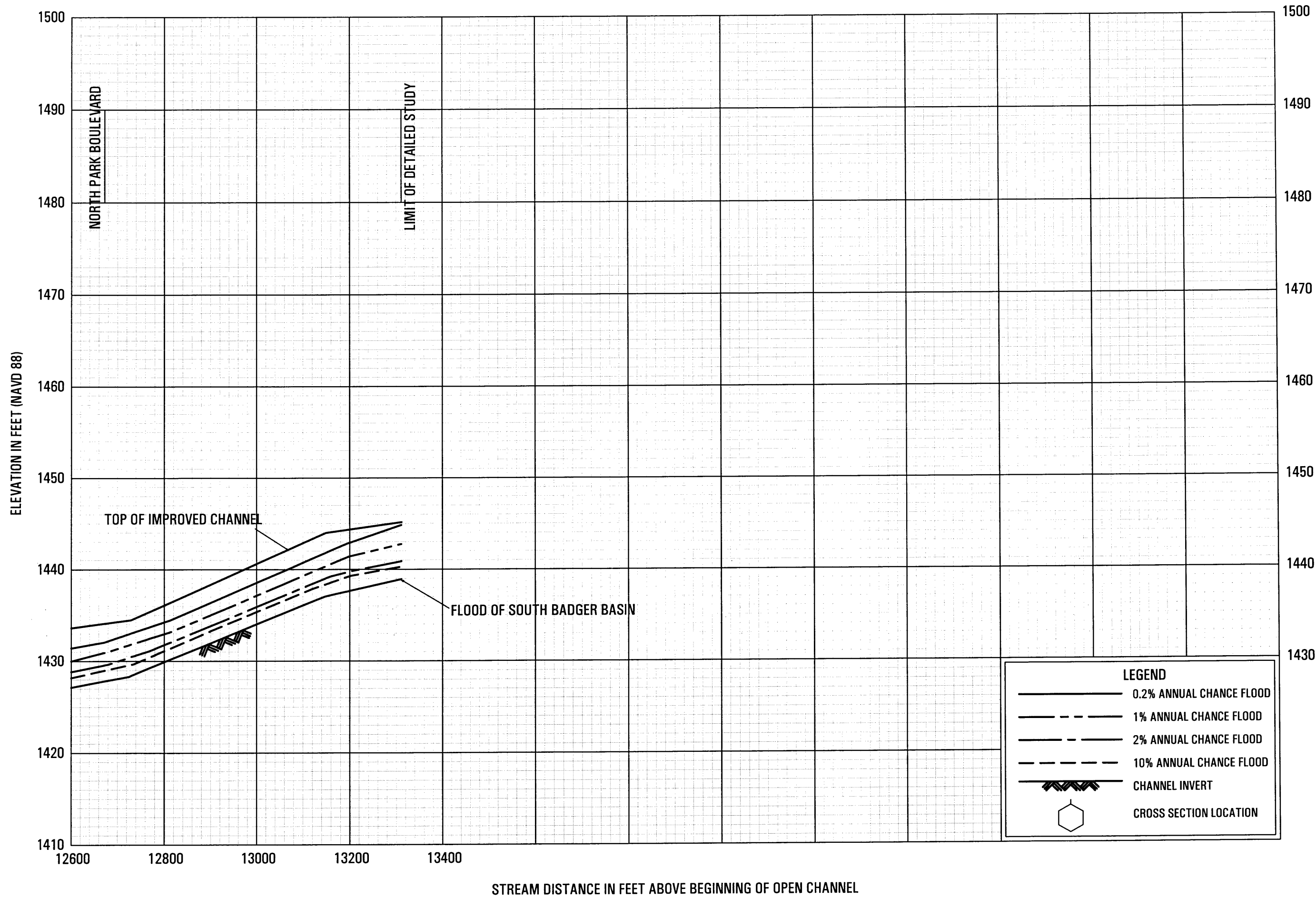
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES

LITTLE MOUNTAIN CHANNEL - DEVIL CREEK - WESTERN AVENUE STORM DRAIN

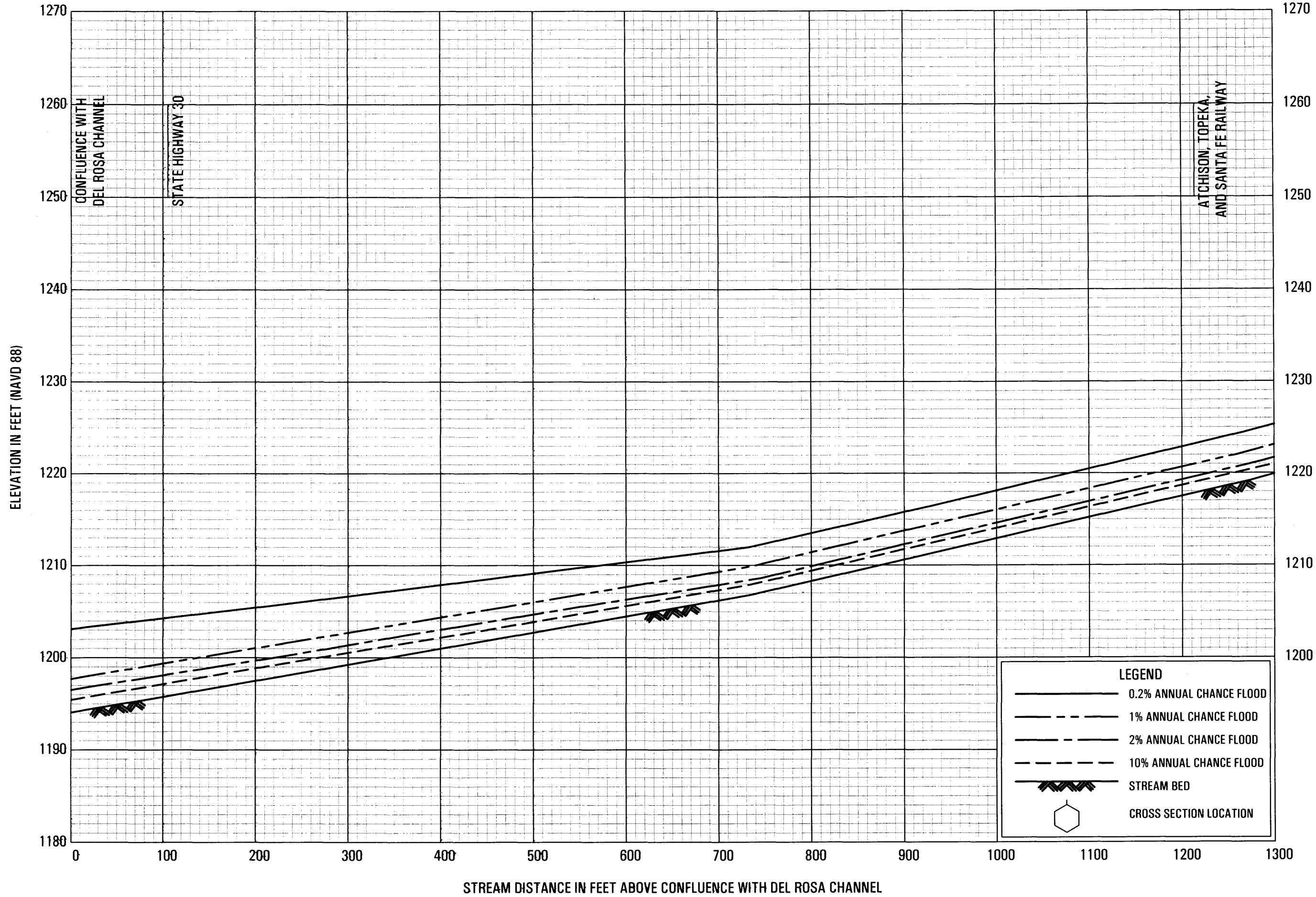
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES

LITTLE MOUNTAIN CHANNEL-DEVIL CREEK - WESTERN AVENUE STORM DRAIN

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

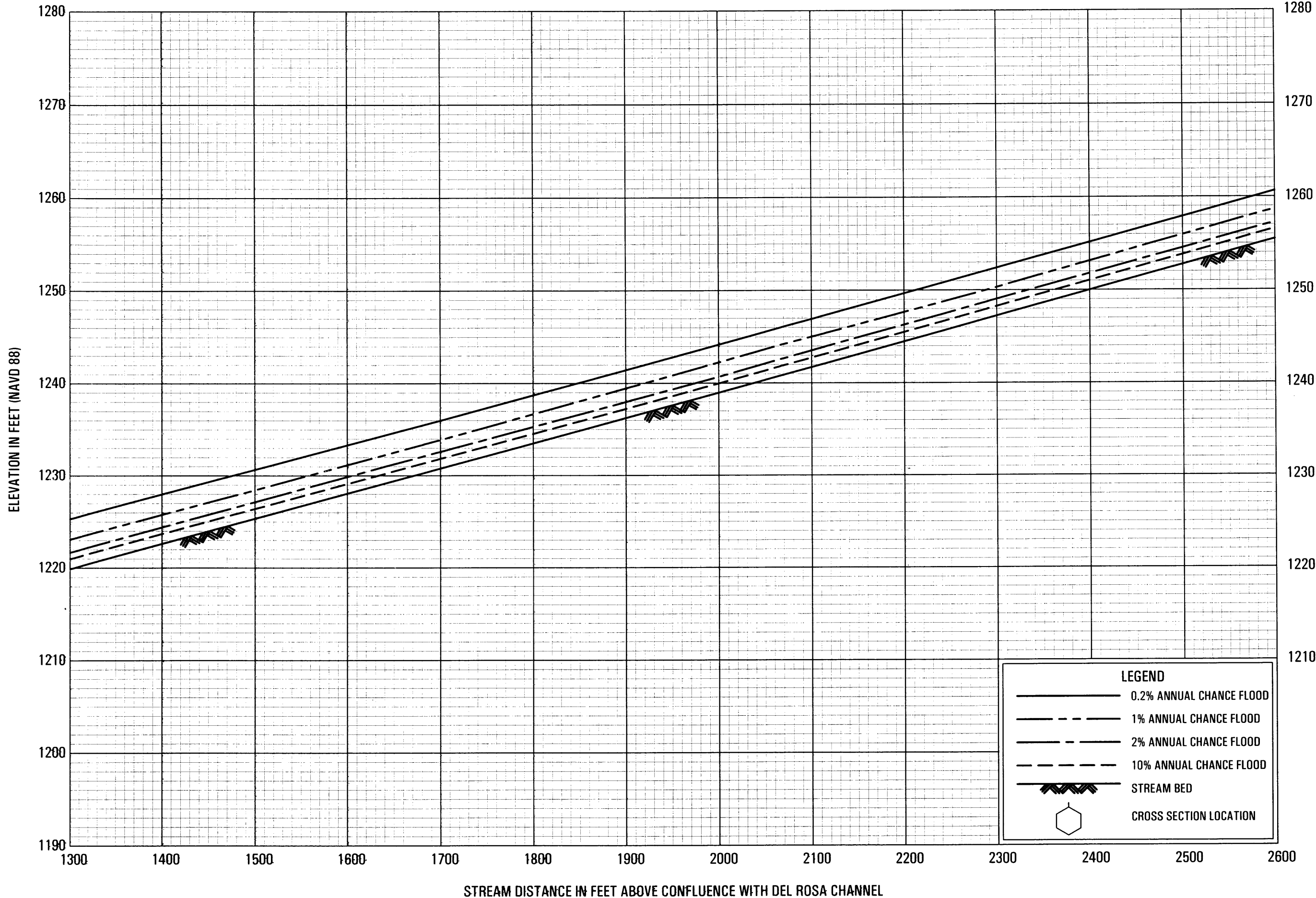


LEGEND

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

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

FLOOD PROFILES
 LITTLE SAND CREEK



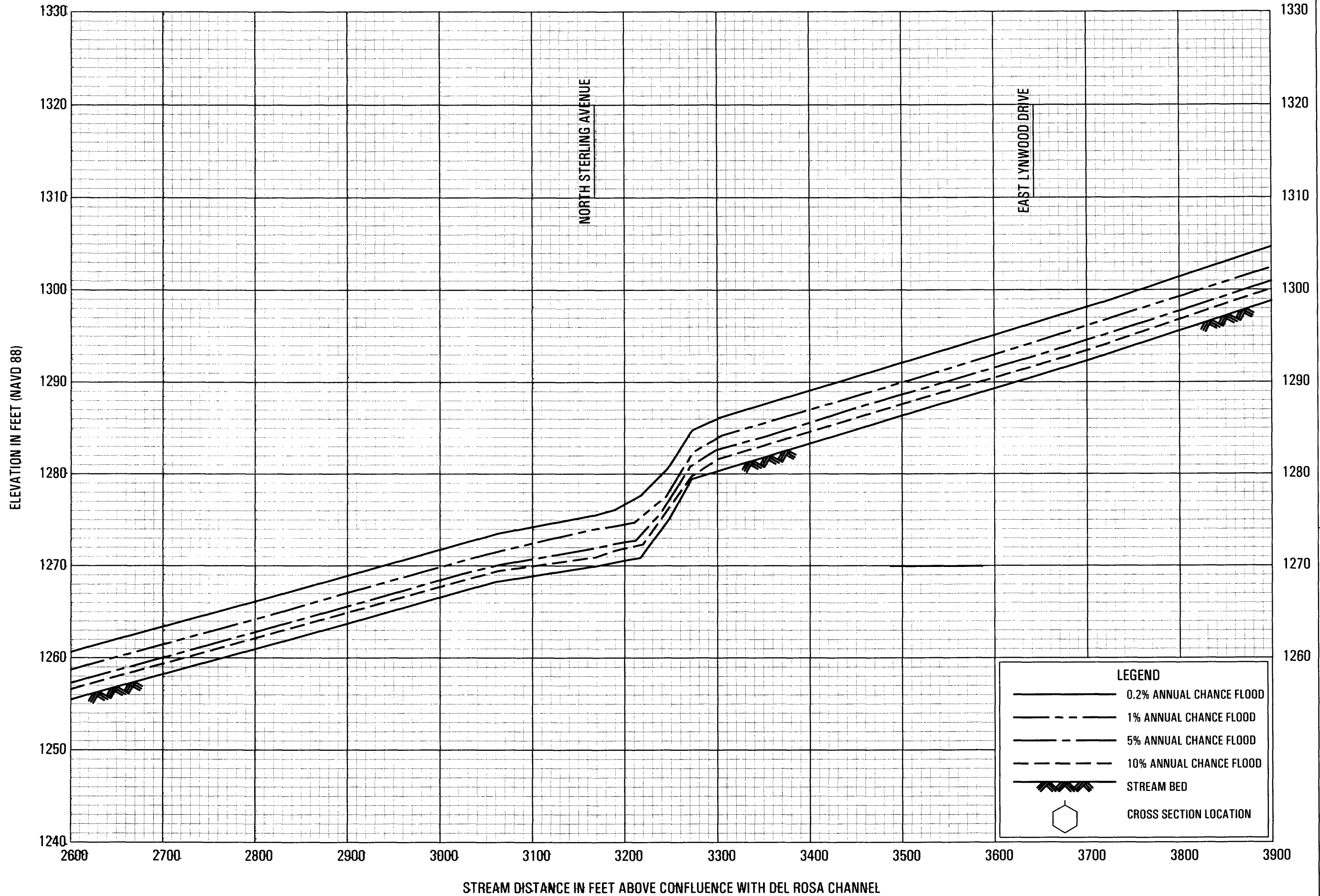
FLOOD PROFILES

LITTLE SAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

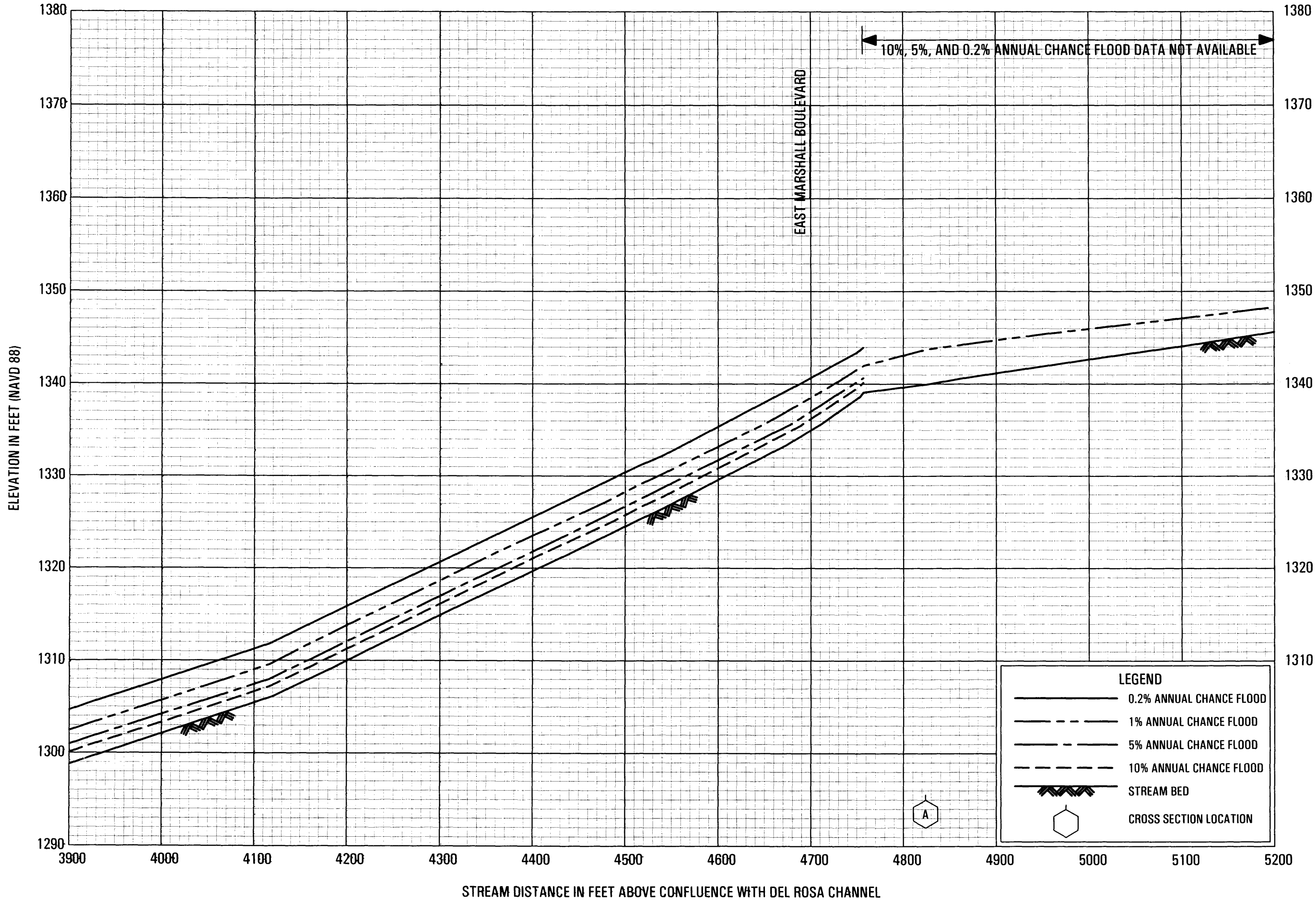
SAN BERNARDINO COUNTY, CA

AND INCORPORATED AREAS



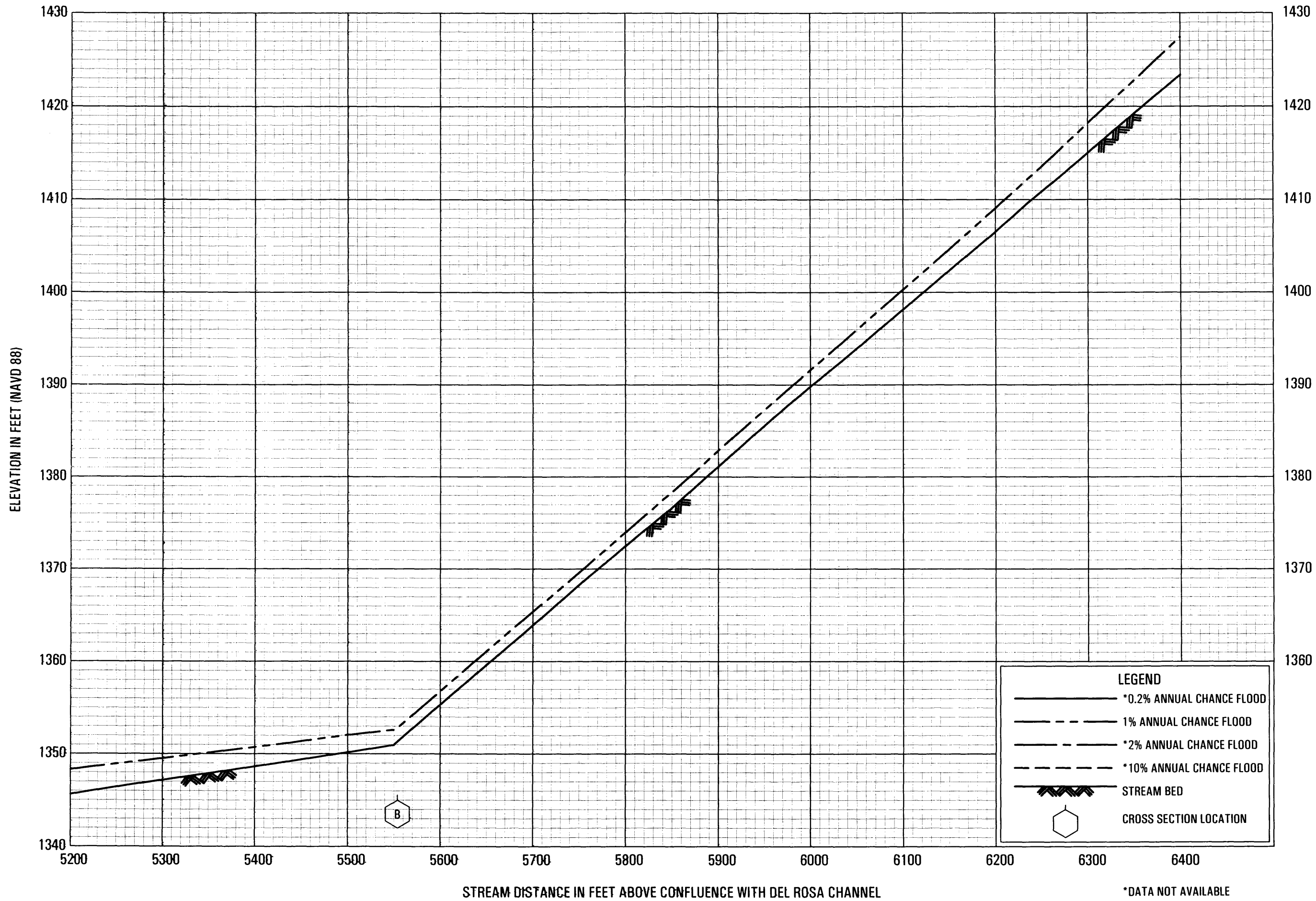
FLOOD PROFILES
LITTLE SAND CREEK

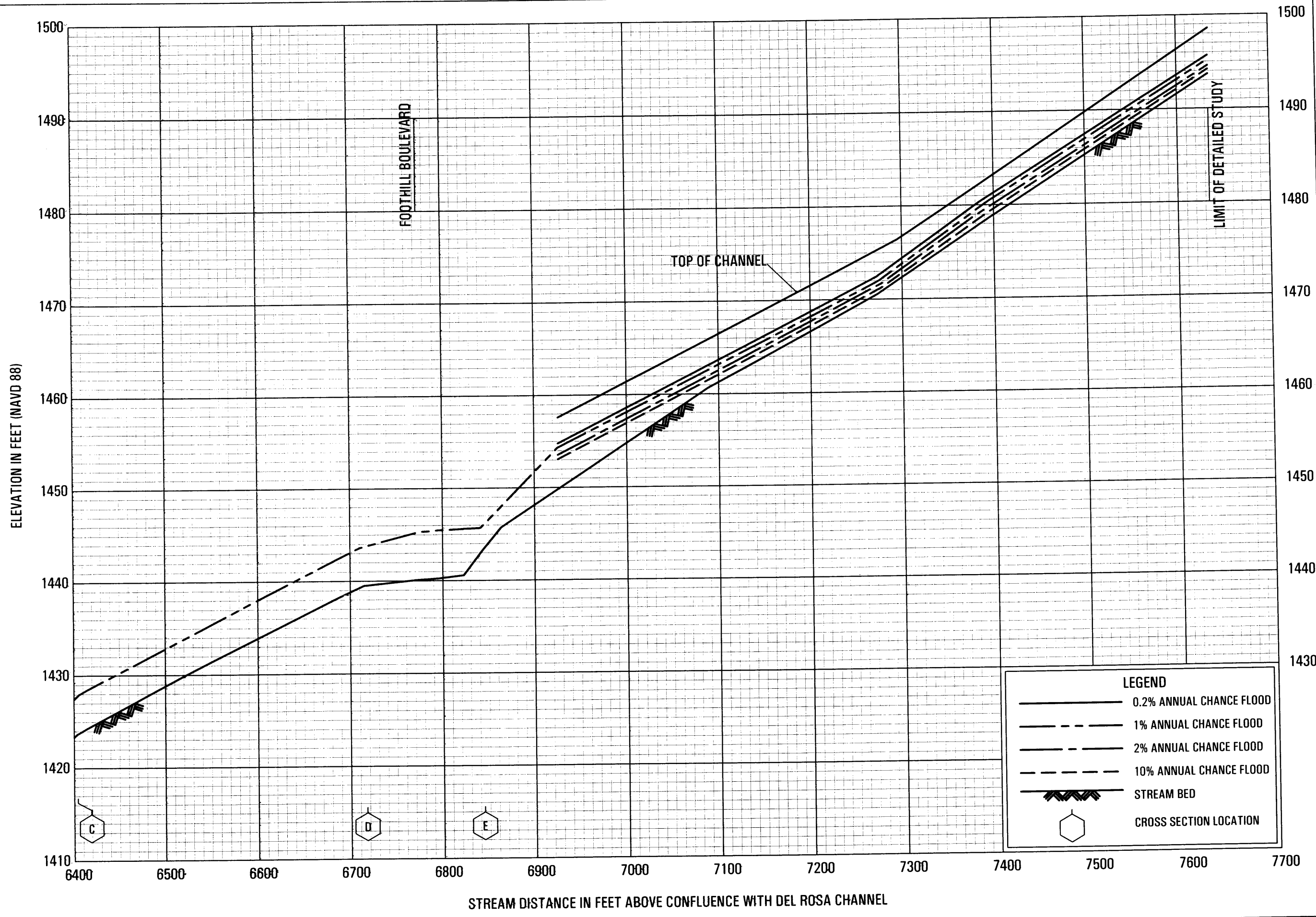
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
LITTLE SAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



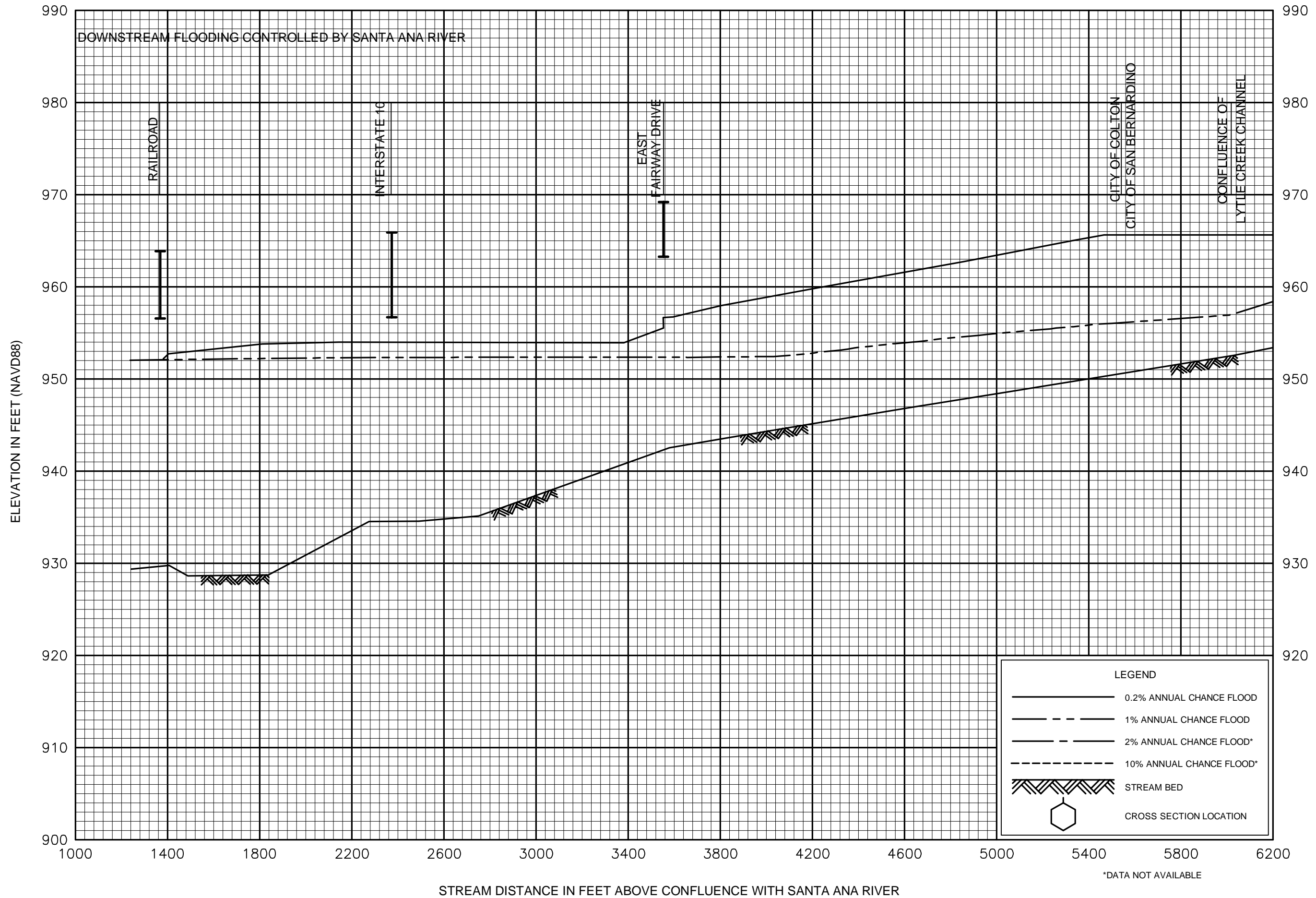


FLOOD PROFILES

LITTLE SAND CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



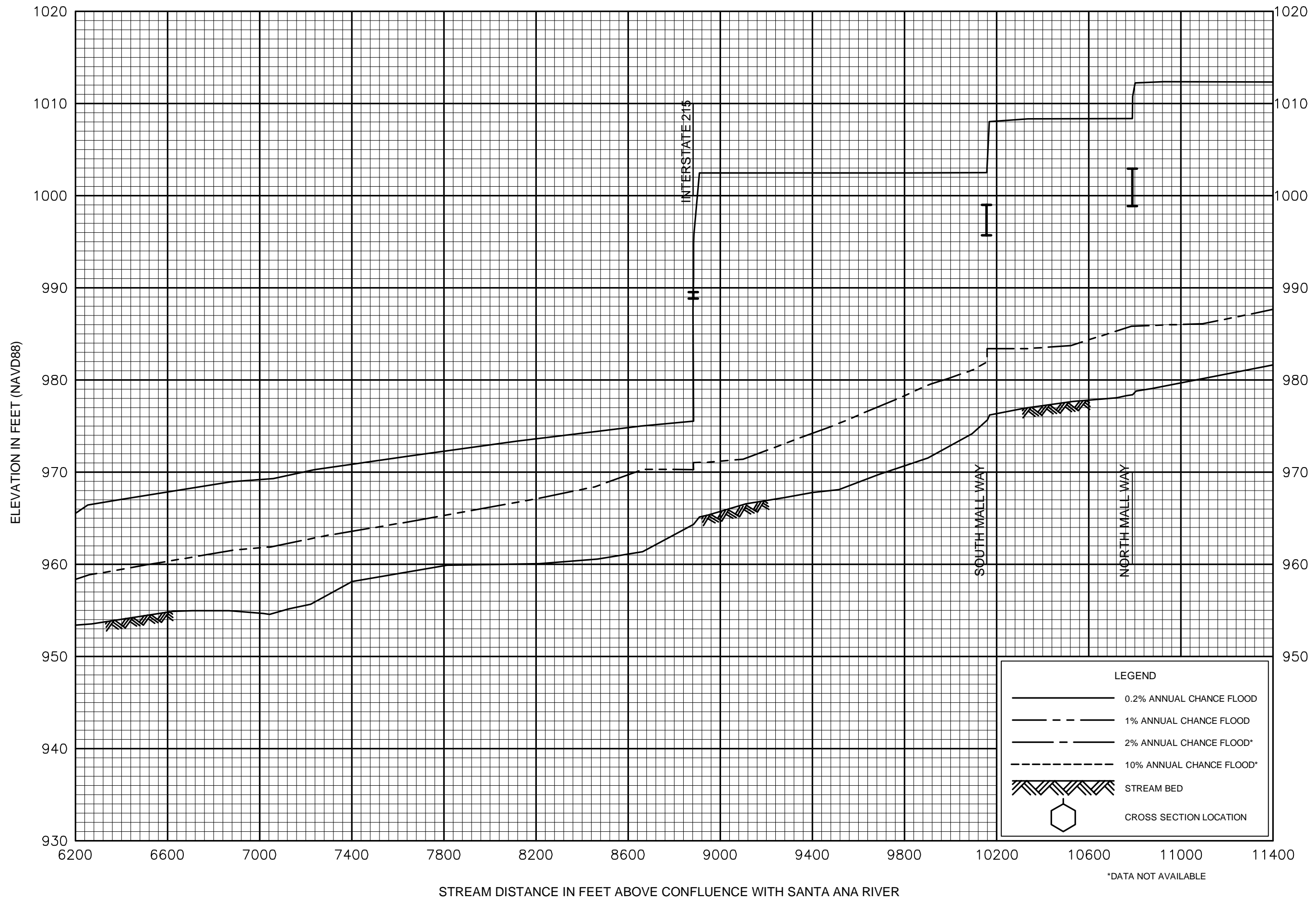
FLOOD PROFILES

LYTLE CREEK (EAST BRANCH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA

AND INCORPORATED AREAS



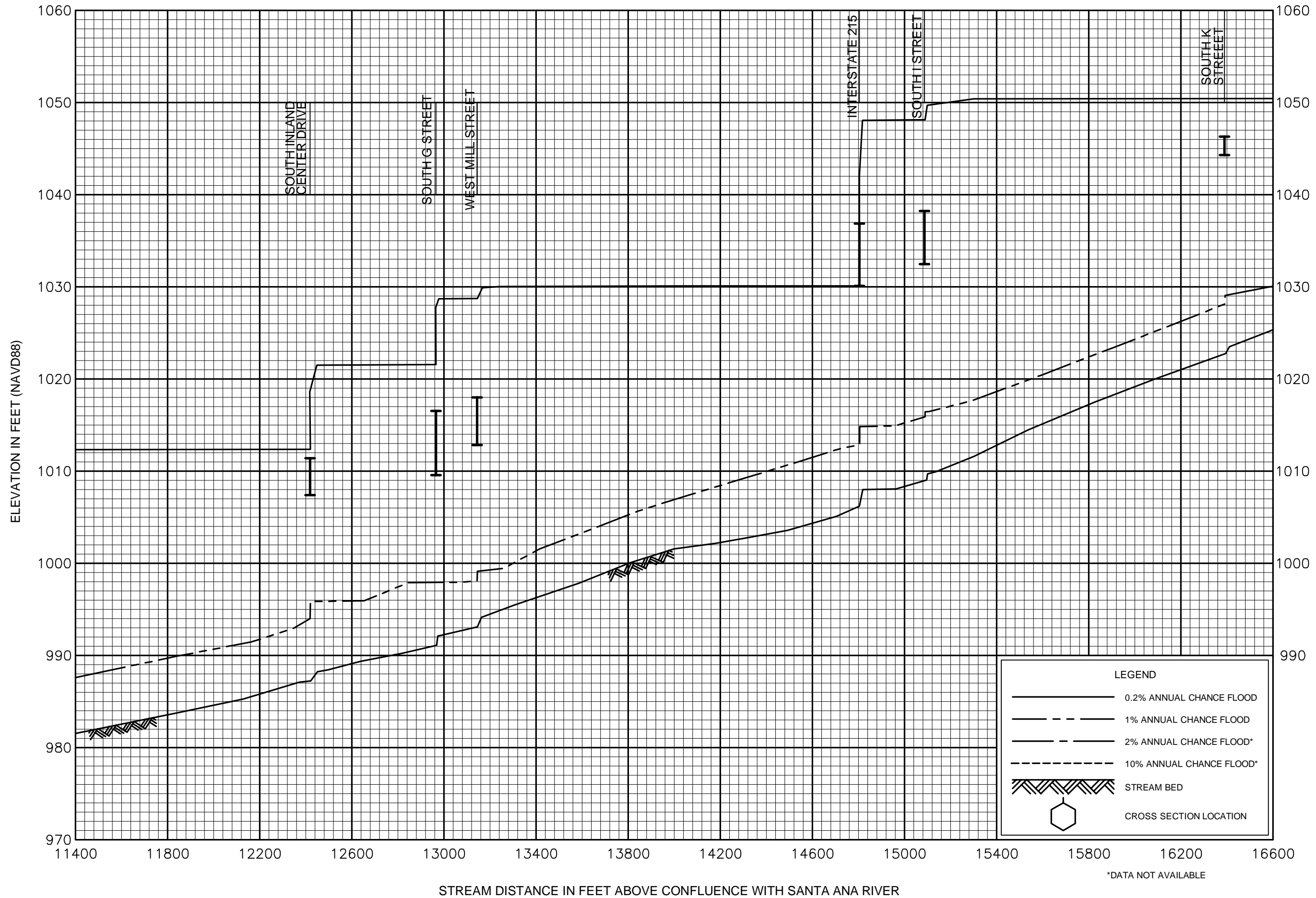
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FLOOD PROFILES

LYTLE CREEK (EAST BRANCH)

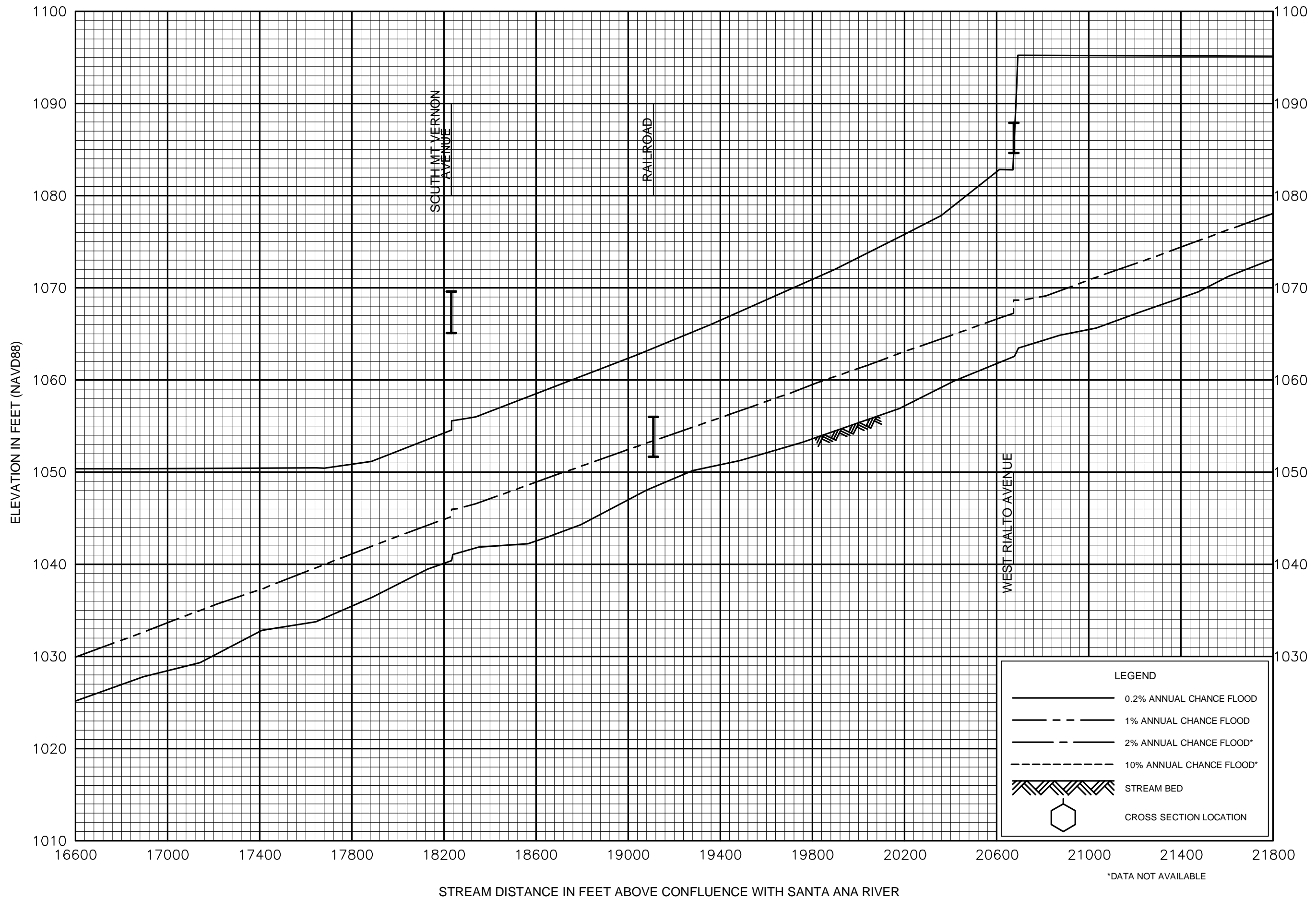
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS



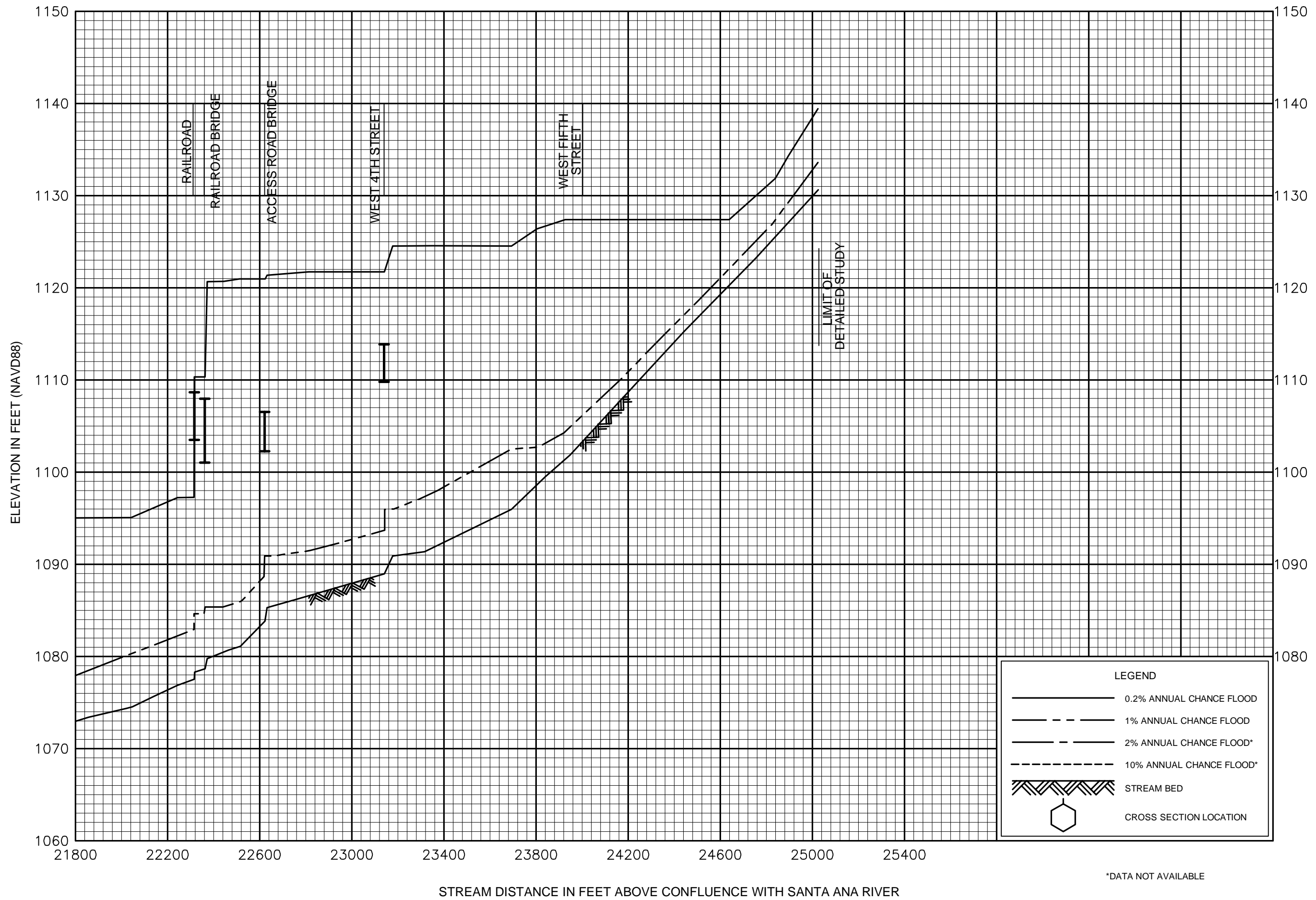
FLOOD PROFILES
 LYTLE CREEK (EAST BRANCH)

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES
 LYTLE CREEK (EAST BRANCH)

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



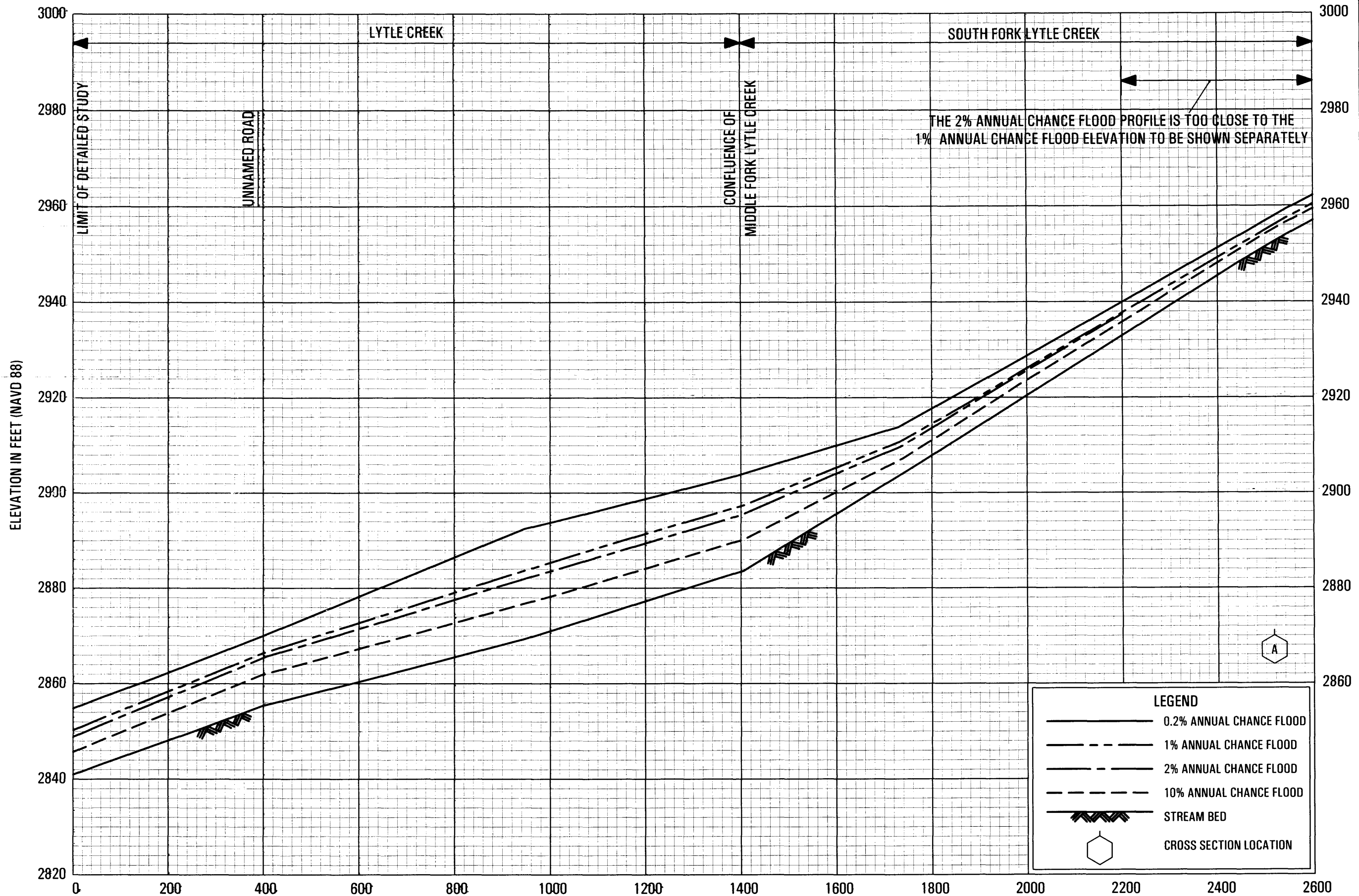
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FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

FLOOD PROFILES

LYTLE CREEK (EAST BRANCH)



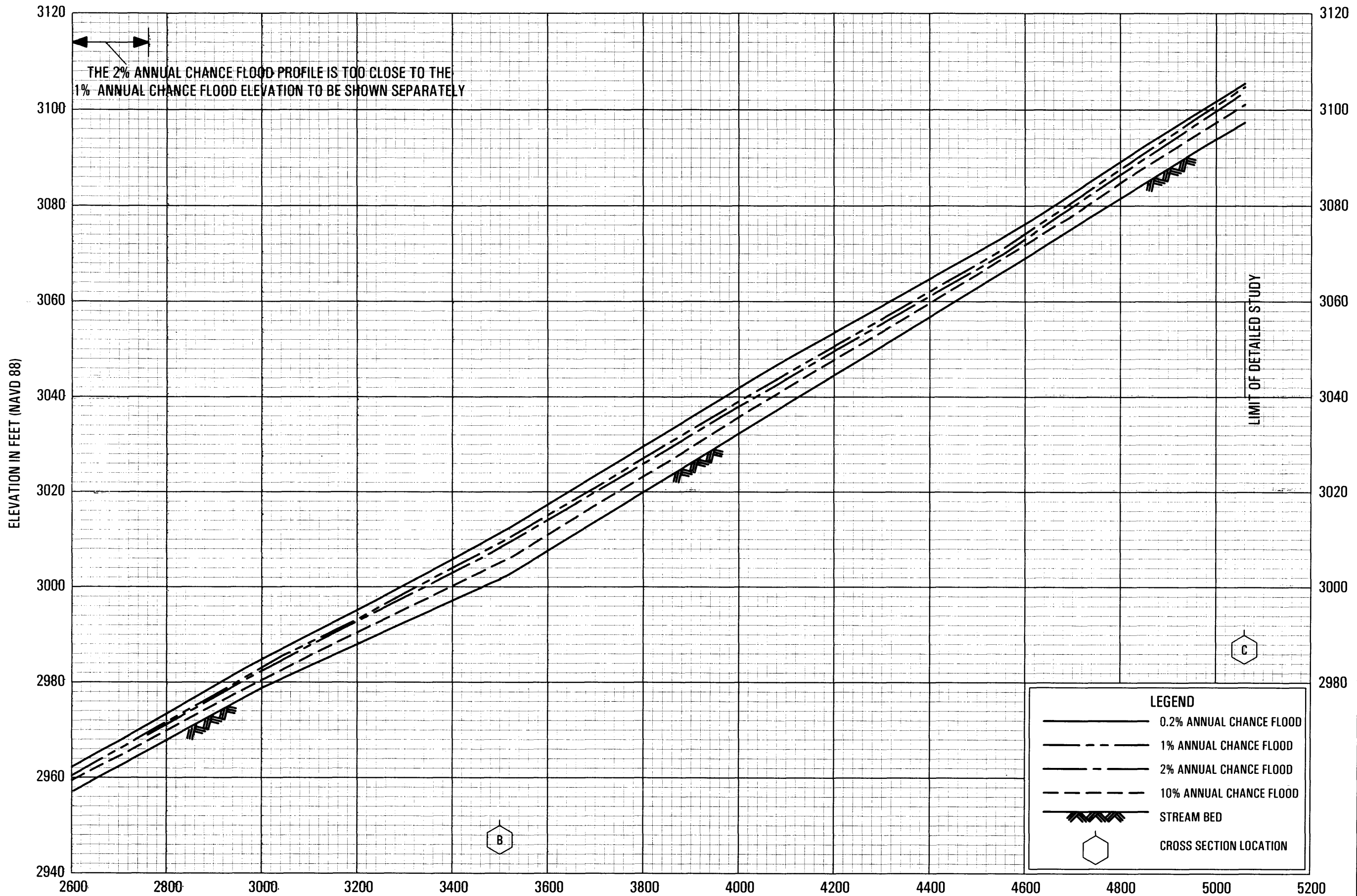
FLOOD PROFILES
 LYTLE CREEK - SOUTH FORK LYTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

96P

*LIMIT OF DETAILED STUDY IS LOCATED APPROXIMATELY 2,576 FEET UPSTREAM OF LYTLE CREEK ROAD

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH LIMIT OF DETAILED STUDY*

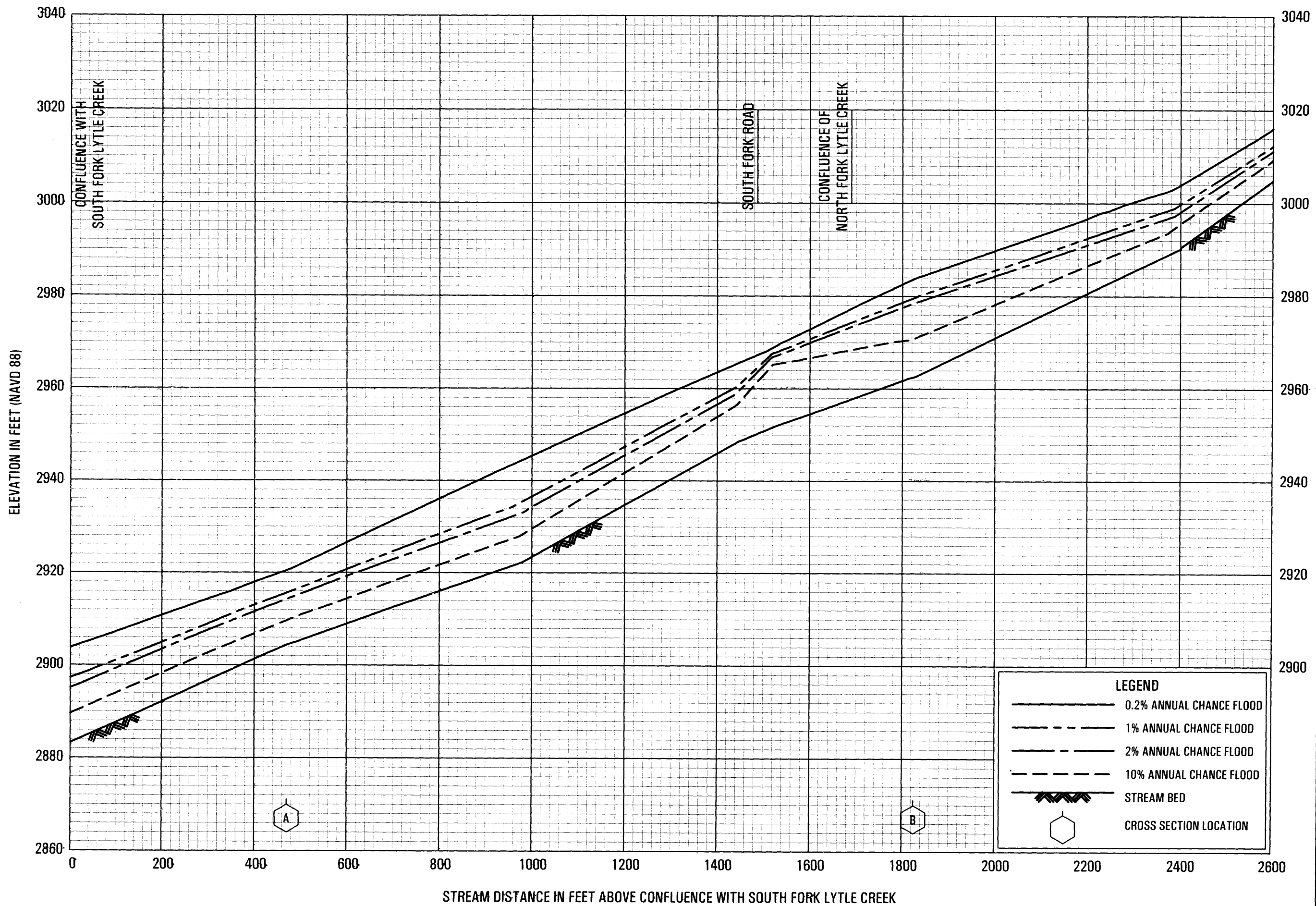


FLOOD PROFILES
 LYTLE CREEK - SOUTH FORK LYTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS

*LIMIT OF DETAILED STUDY IS LOCATED APPROXIMATELY 2,576 FEET
 UPSTREAM OF LYTLE CREEK ROAD

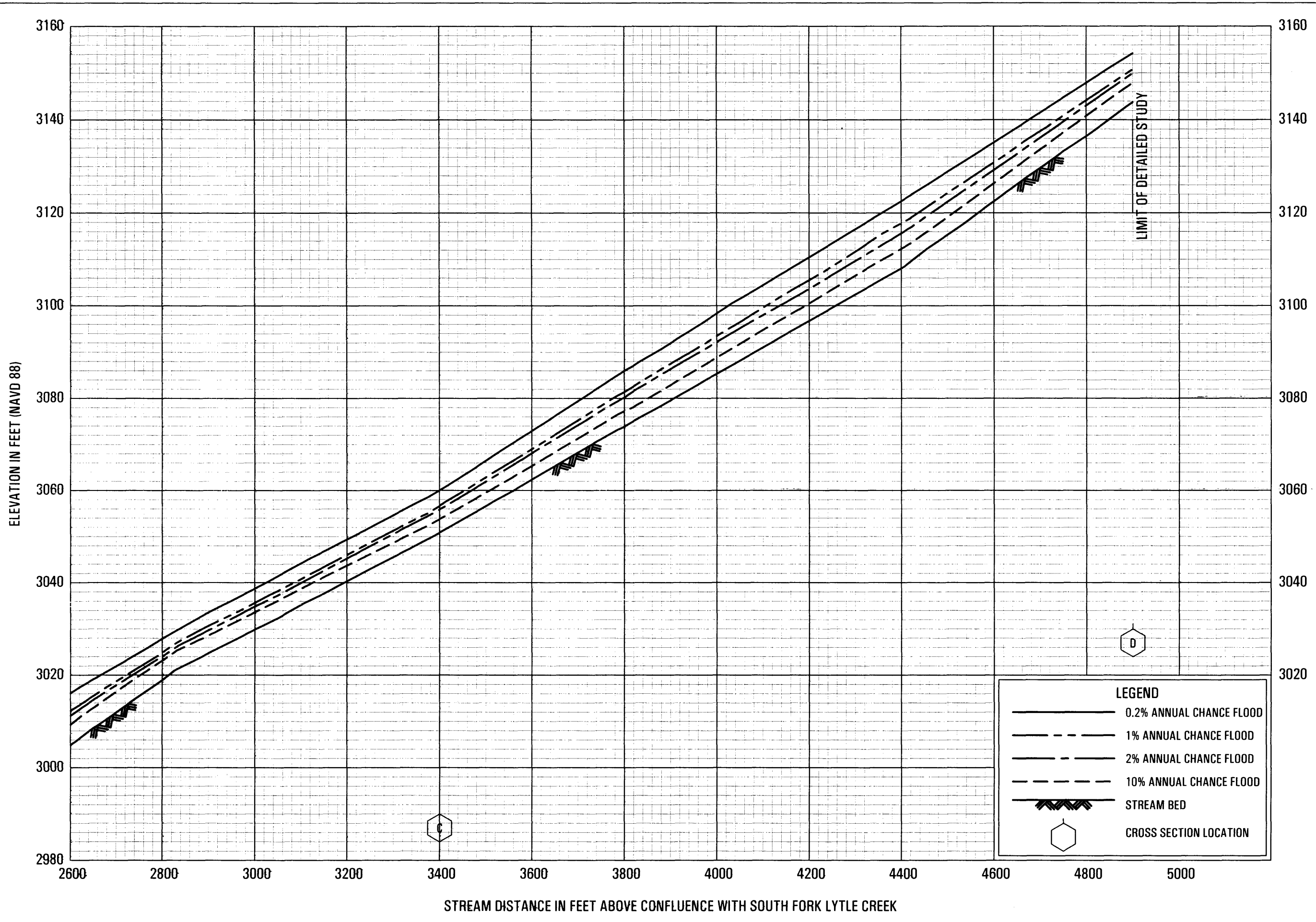
LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION



FLOOD PROFILES

MIDDLE FORK LYTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN BERNARDINO COUNTY, CA
 AND INCORPORATED AREAS



FLOOD PROFILES
MIDDLE FORK LYTLE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN BERNARDINO COUNTY, CA
AND INCORPORATED AREAS

99P