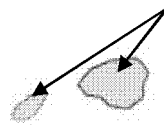


# FLOOD INSURANCE STUDY

VOLUME 2 OF 2



Kauai County



## KAUAI COUNTY, HAWAII



REVISED:  
NOVEMBER 26, 2010



Federal Emergency Management Agency

COMMUNITY NUMBER-150002V002C

## 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. This publication incorporates revisions to the original FIS.

Effective Date: November 4, 1981

Revised Dates: March 4, 1987- To change floodplain boundaries, zone designations, base flood elevations, corporate limits, scale, cultural features, and map format.

September 30, 1995- To change base flood elevation, to add special flood hazard areas, to change special flood hazard areas, to change zone designation, to add roads and road names, to incorporate previously issued letter of map revision.

October 18, 2002- To change base flood elevations and to change floodway.

September 16, 2005

November 26, 2010- To change base flood elevation, to add special flood hazard areas, to change special flood hazard areas, to change zone designation, and to incorporate previously issued letter of map revision.



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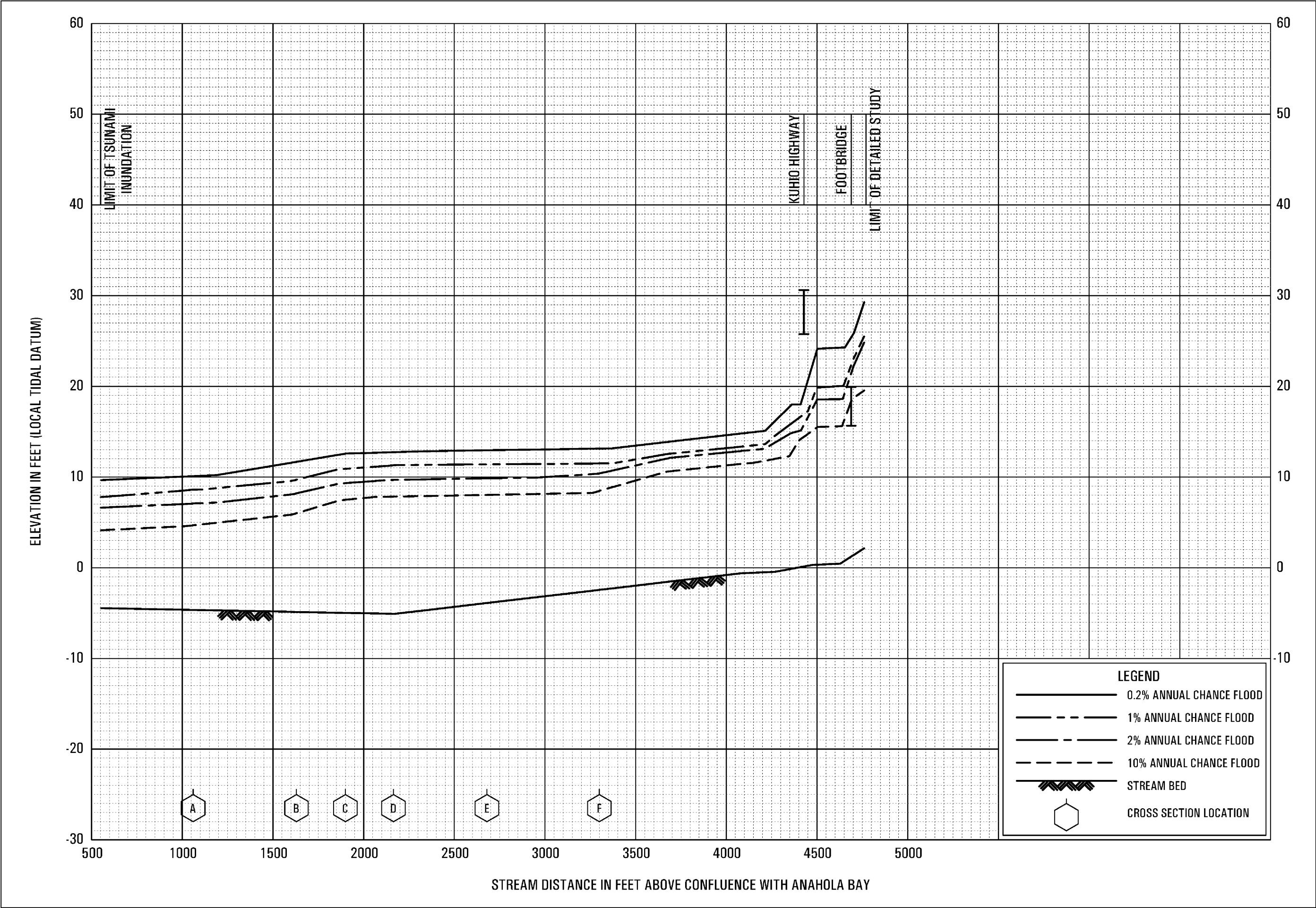
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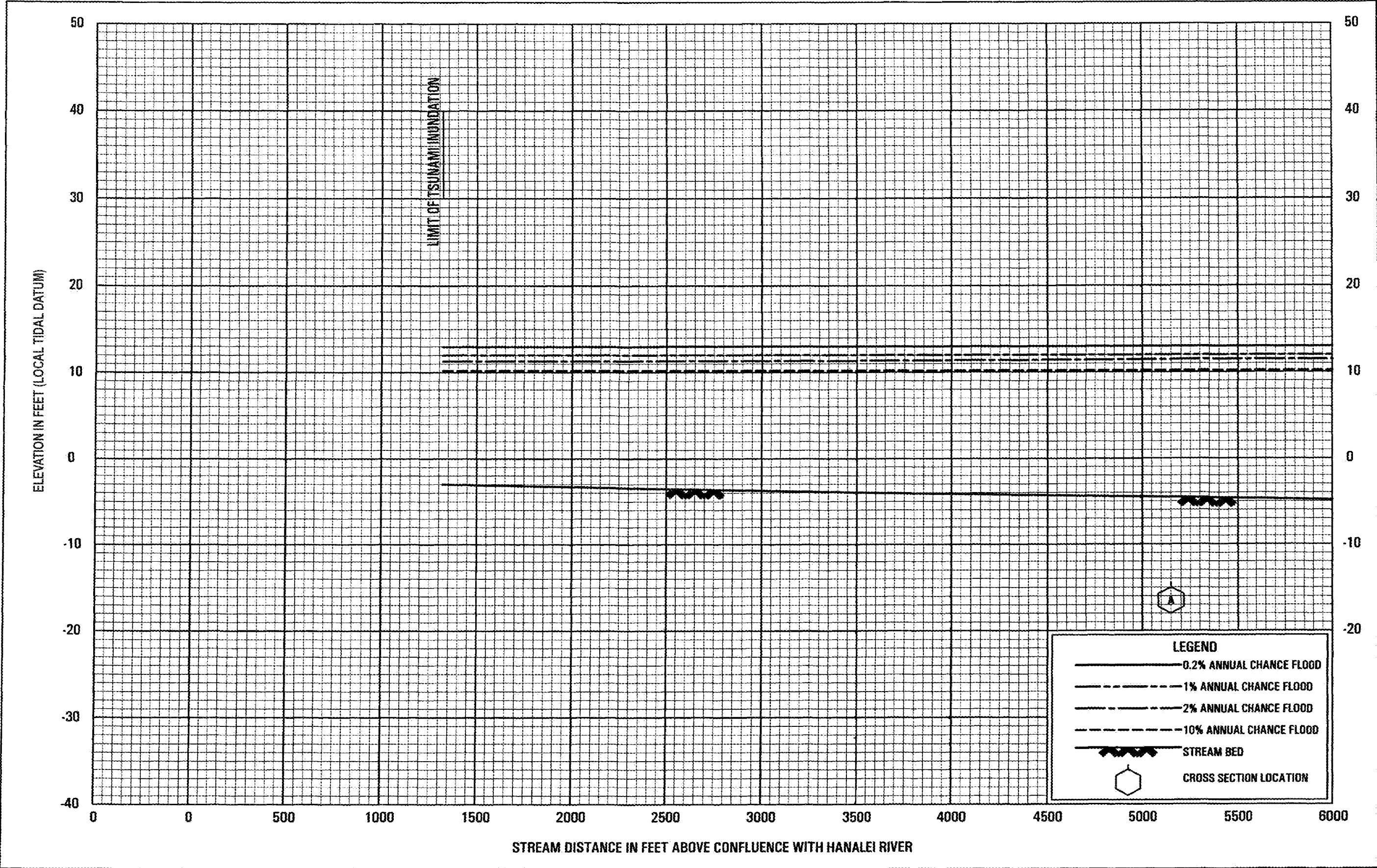
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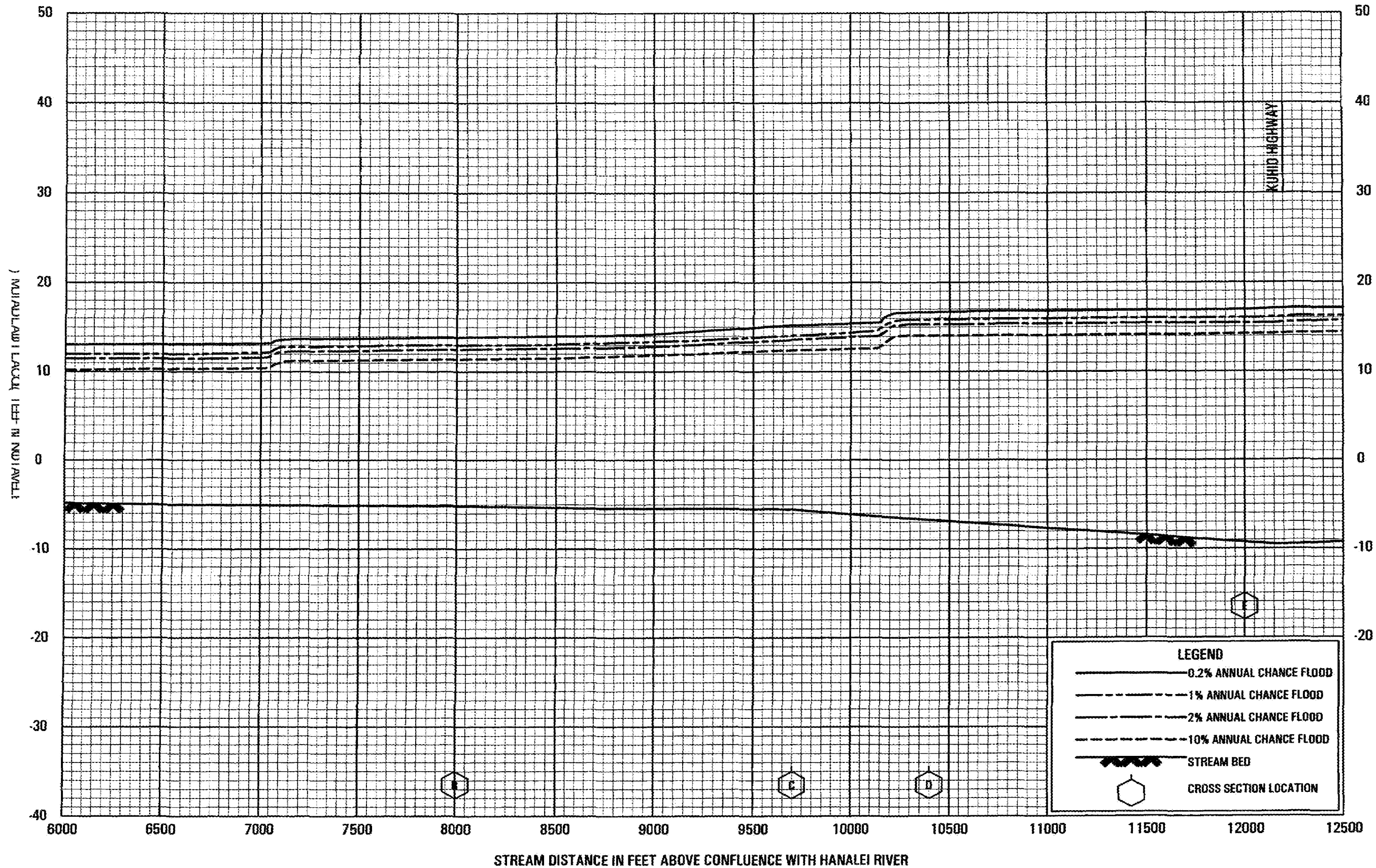
Exhibit 1 - Flood Profiles

Anahola Stream	Panel 01P
Hanalei River	Panels 02P-05P
Hanamaulu Stream	Panels 06P-15P
Hanamaulu Stream Tributary	Panel 16P
Hanapepe River	Panels 17P-18P
Hanapepe River (with Levee)	Panel 19P
Huleia Stream	Panels 20P-22P
Kalama Stream	Panels 23P-36P
Kapaa Stream	Panels 37P-38P
Kekaha Drainageway	Panel 39P
Lawai Stream	Panels 40P-43P
Moikeha Canal	Panels 44P-46P
Nawiliwili Stream	Panels 47P-49P
Omao Stream	Panels 50P-55P
Opaekaa Stream	Panels 56P-58P
Opaekaa Tributary	Panels 59P-60P
Papakolea Stream	Panel 61P
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Wainiha River	Panels 86P-93P
Waioli Stream	Panel 94P
Waipa Stream	Panel 95P

Exhibit 2 - Flood Insurance Rate Map Index  
Flood Insurance Rate Map





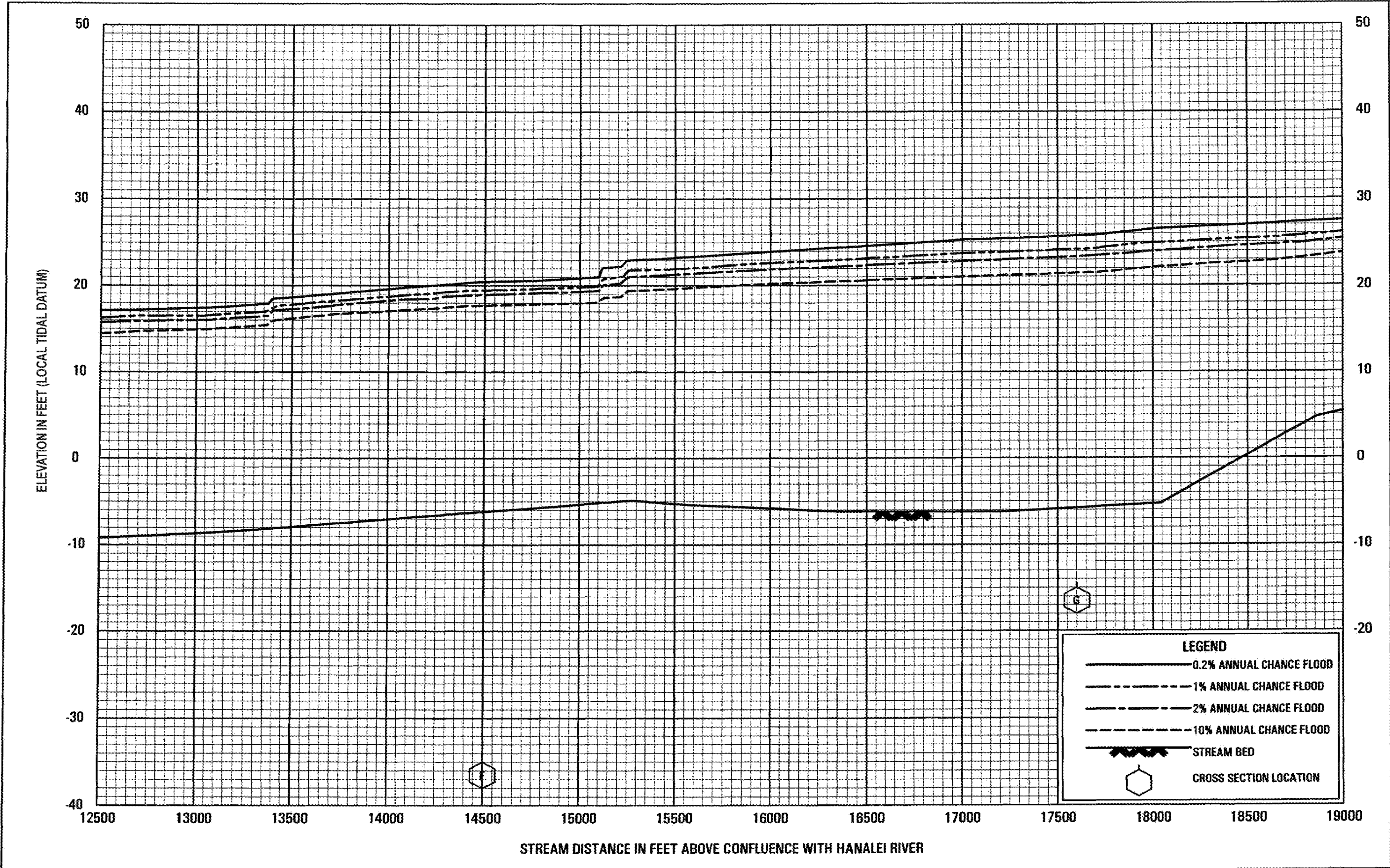


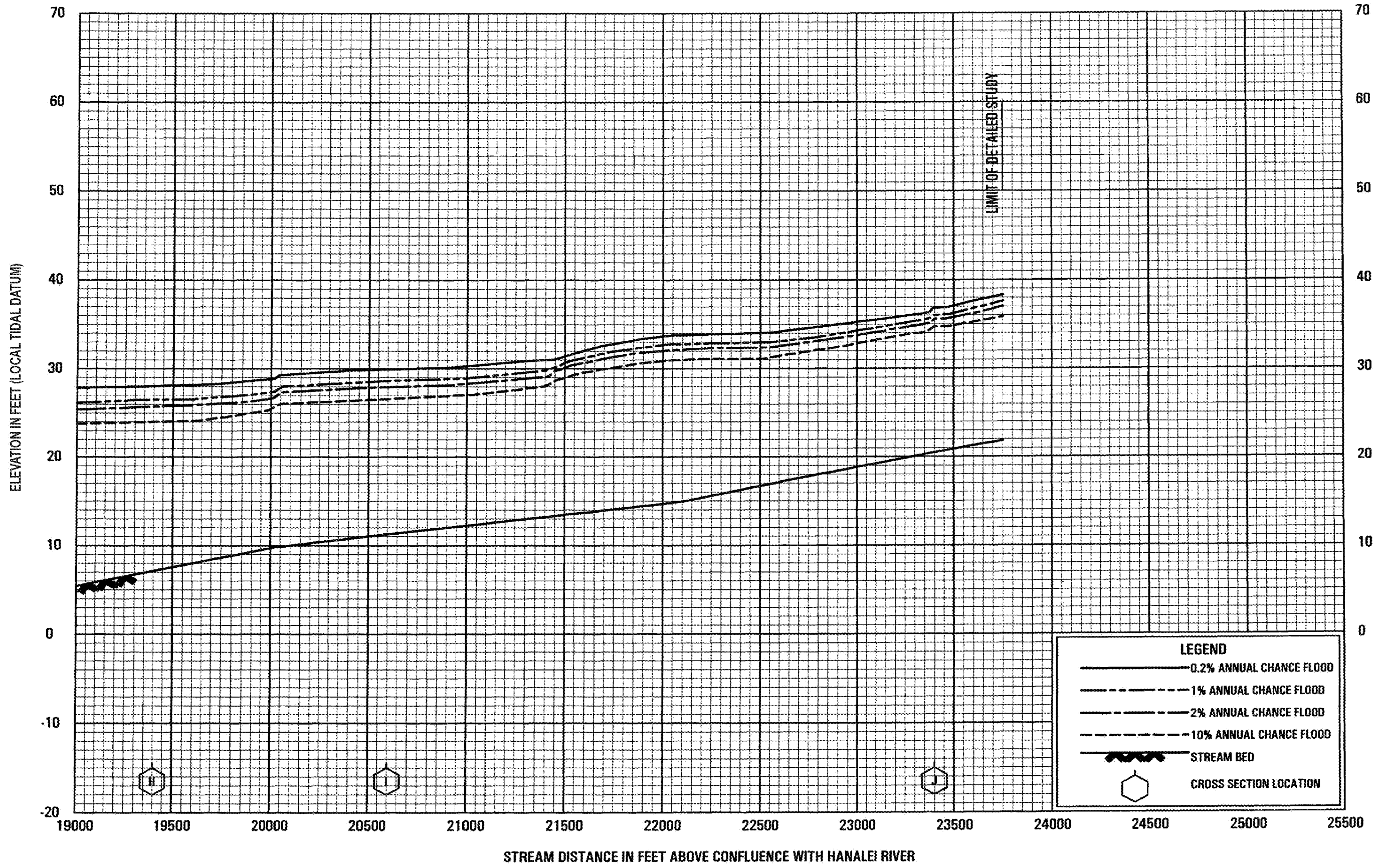
FLOOD PROFILES

HANAIEI RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS







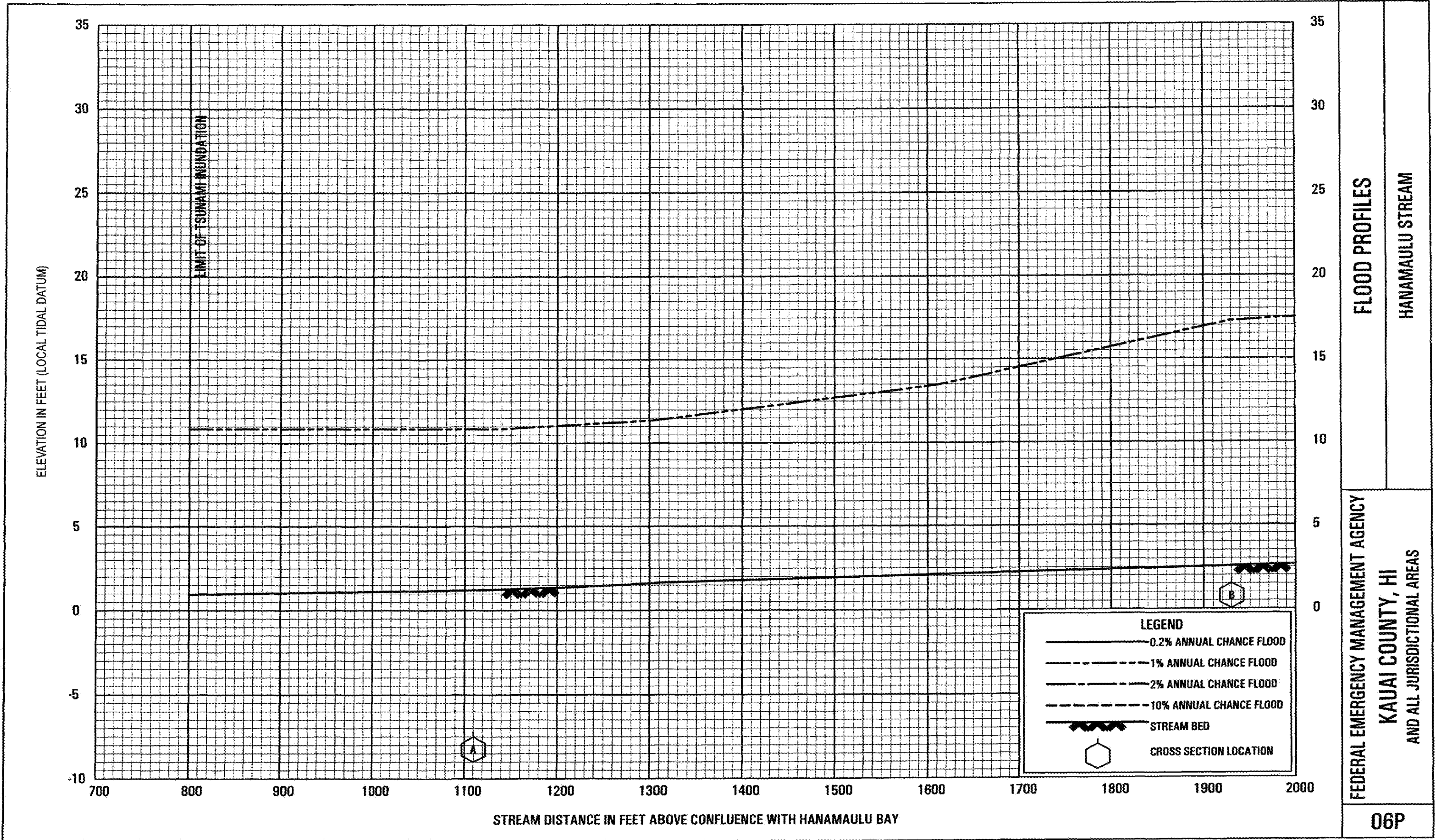
FLOOD PROFILES

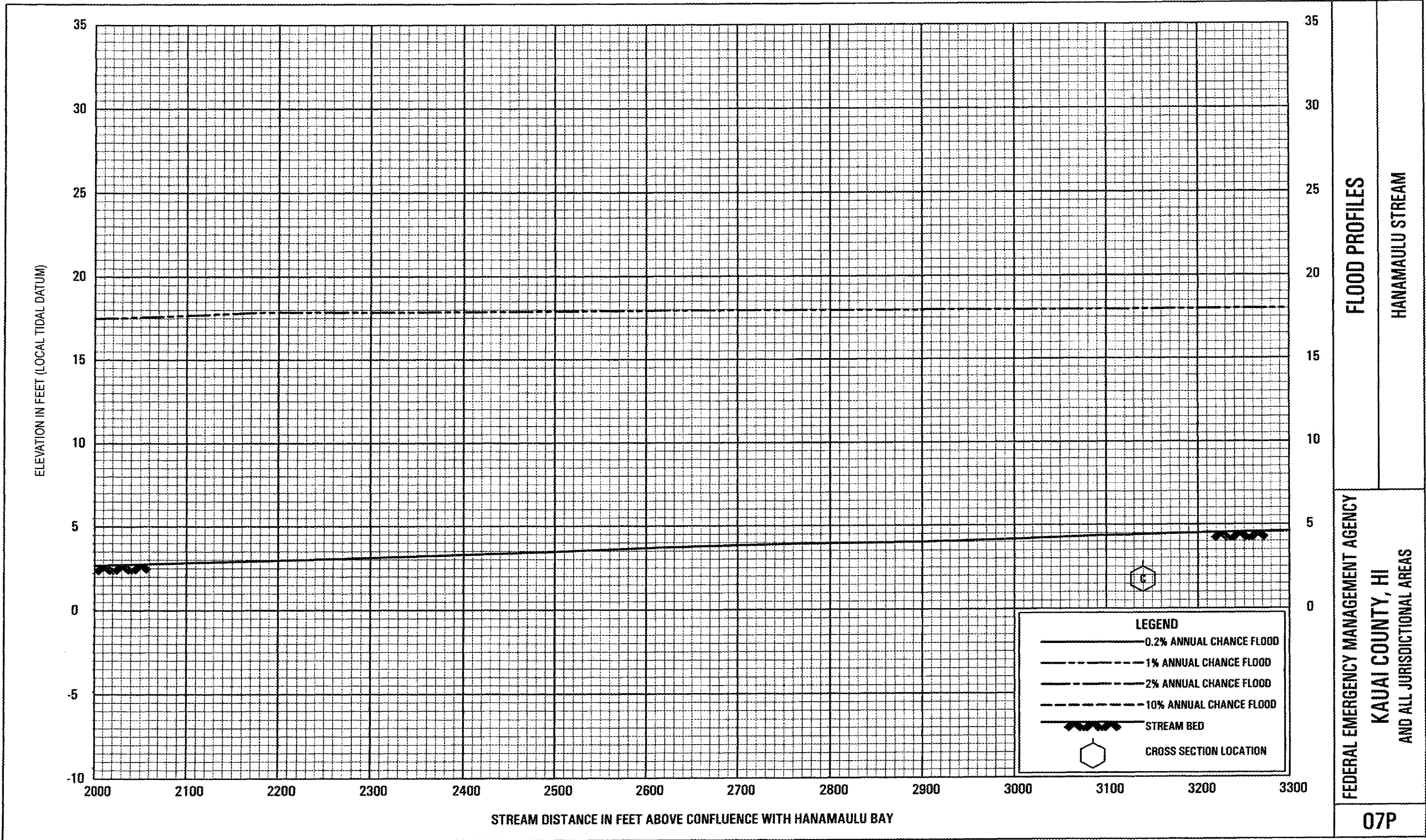
HANALEI RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

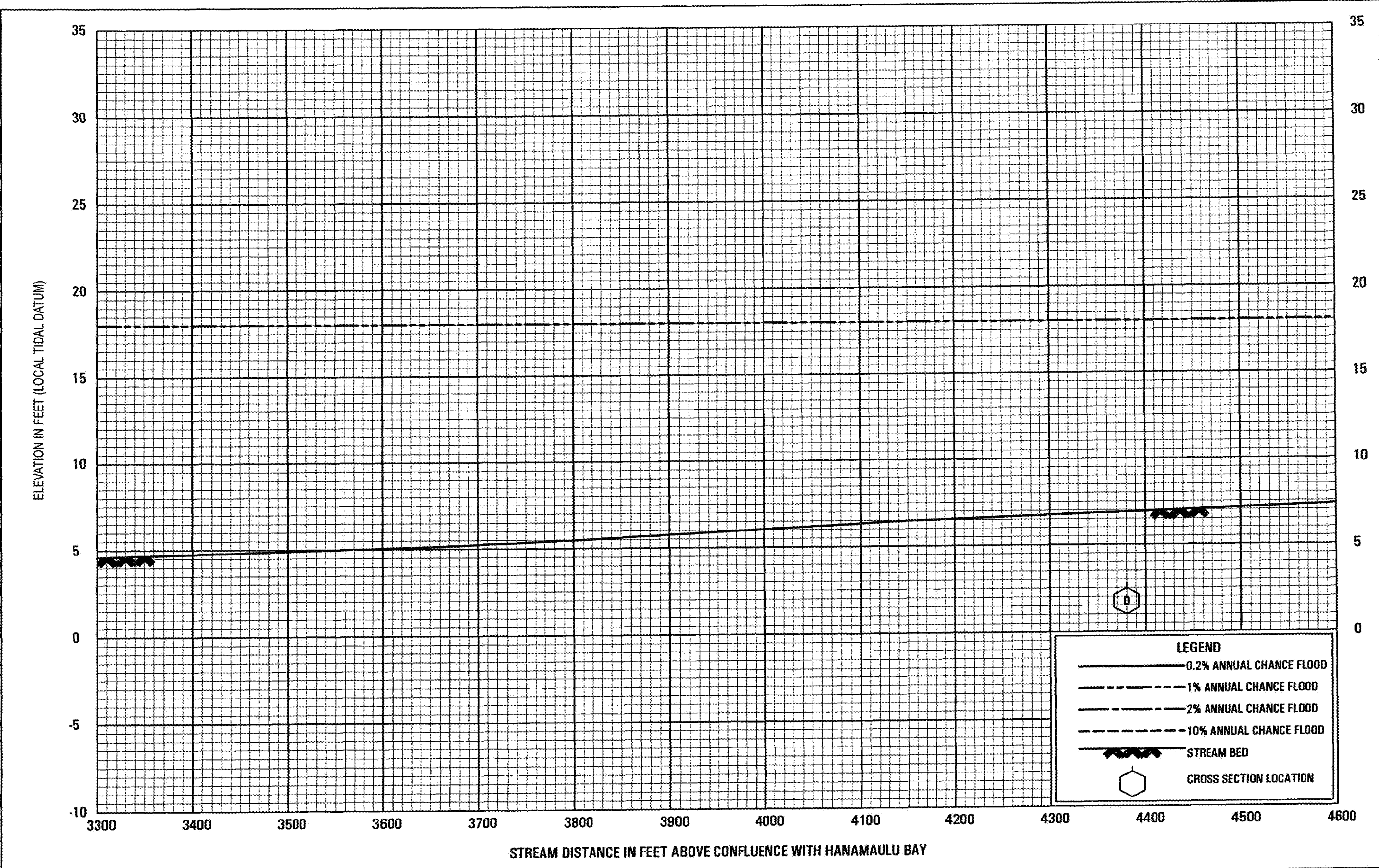
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

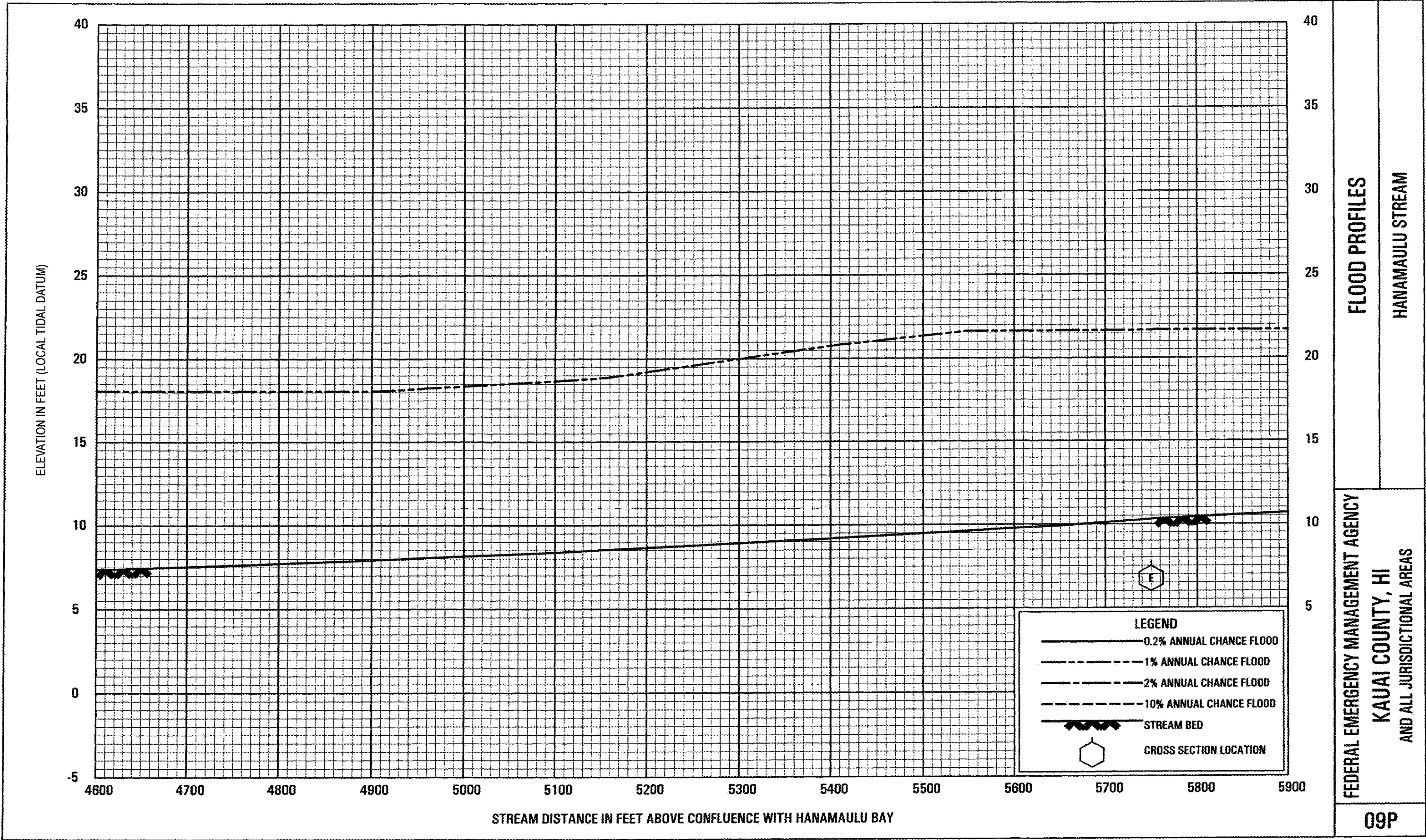




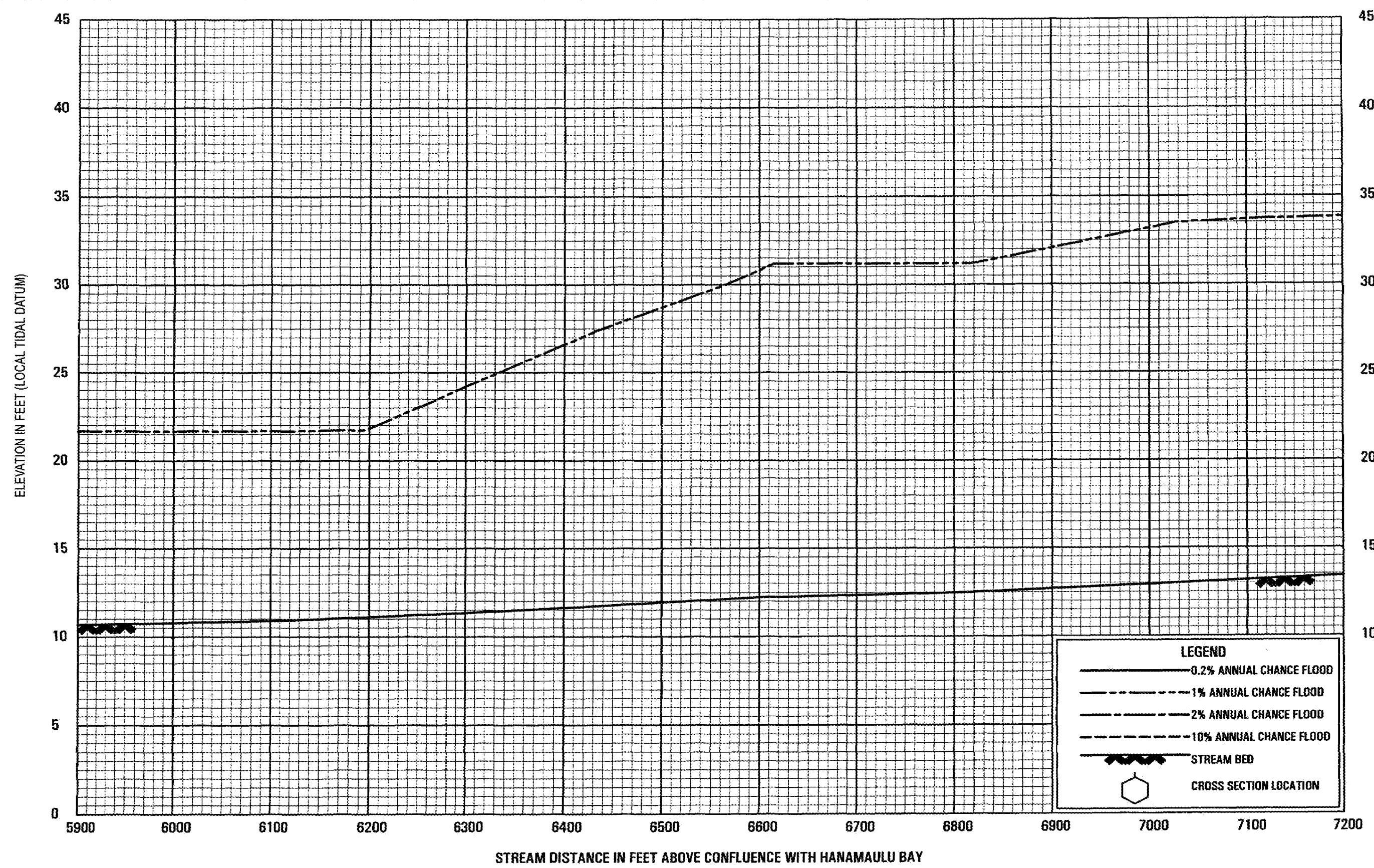






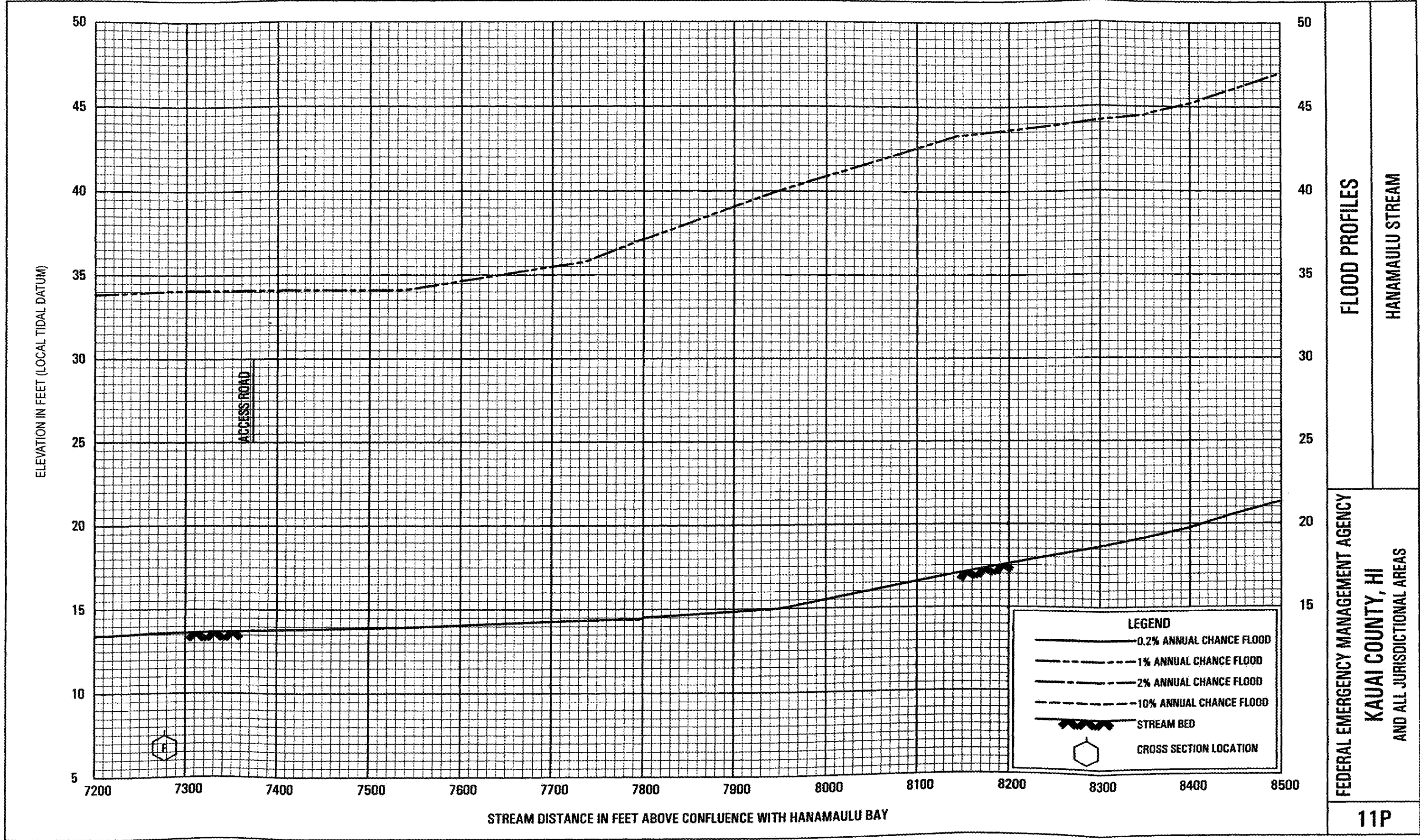






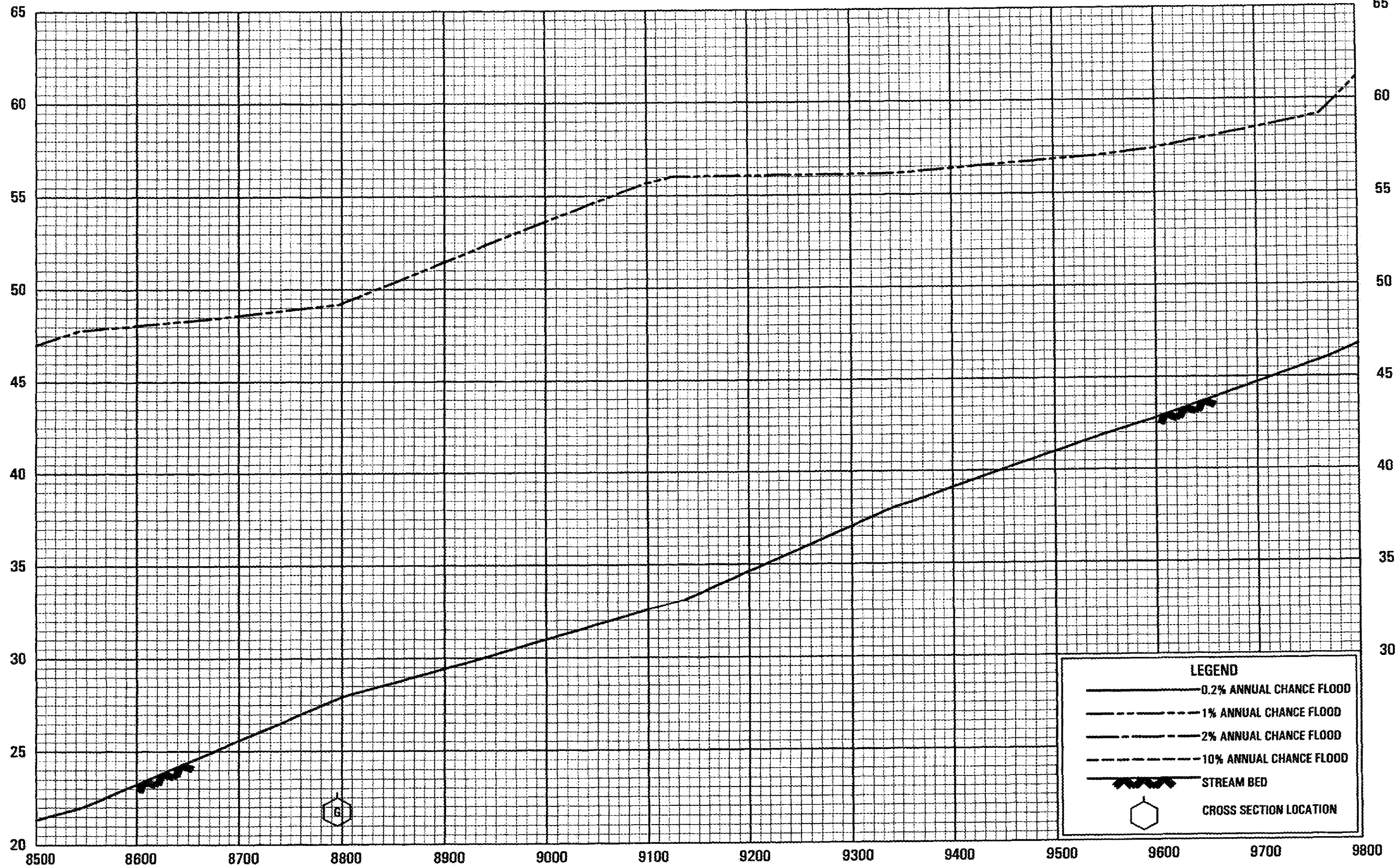
FLOOD PROFILES  
HANAMAULU STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS





ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH HANAMAULU BAY

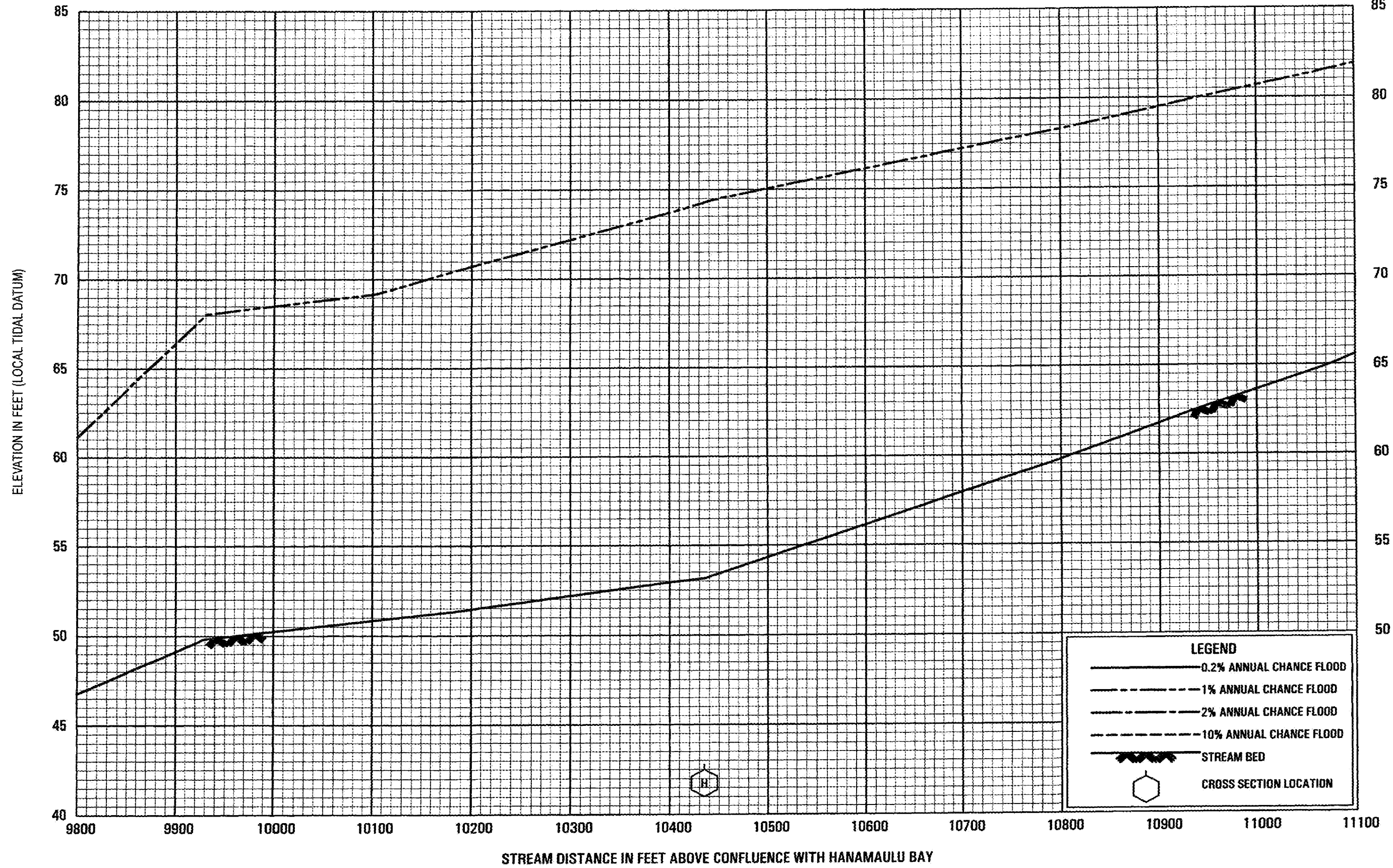
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KAUAI COUNTY, HI  
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FLOOD PROFILES

HANAMAULU STREAM

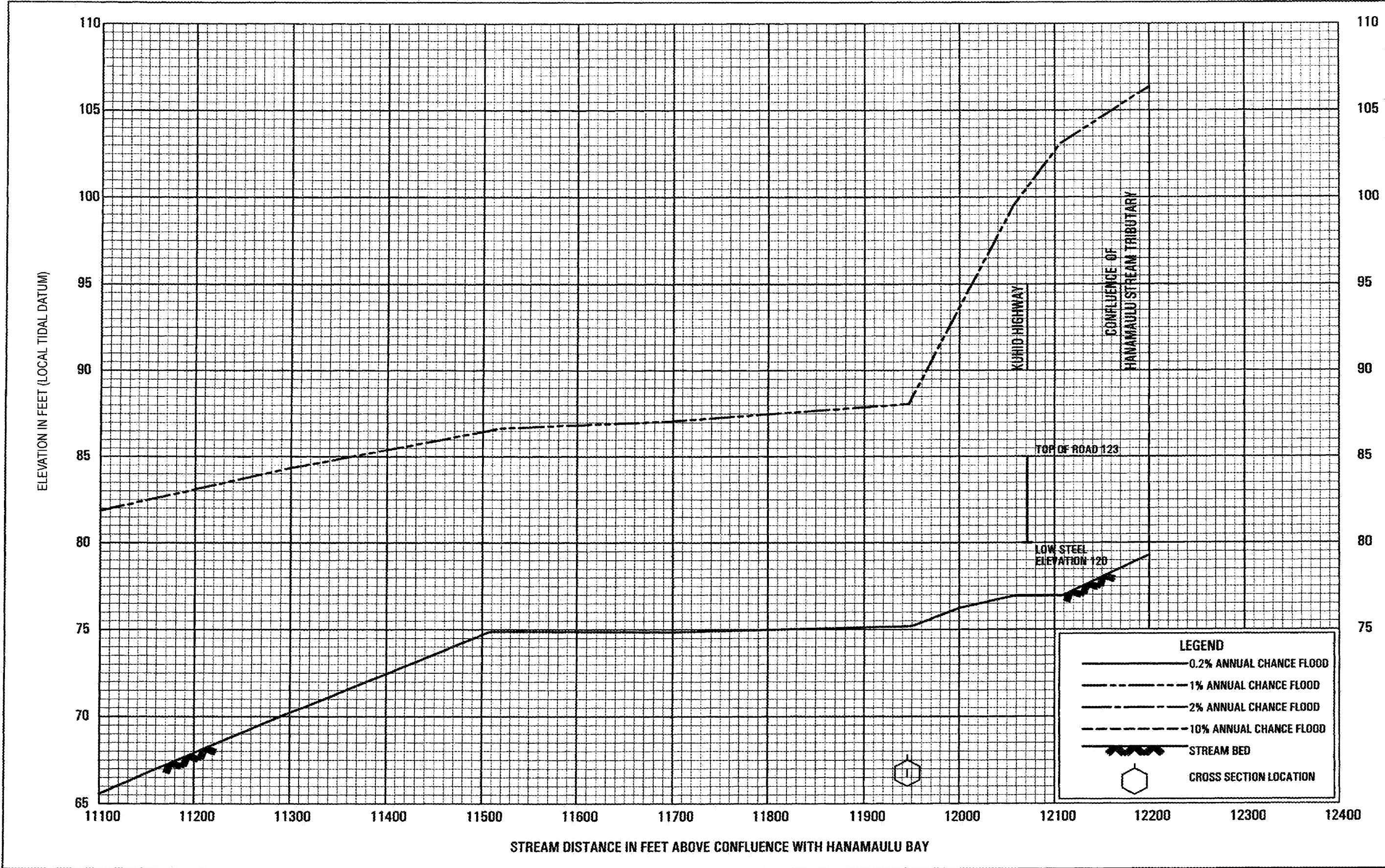
12P

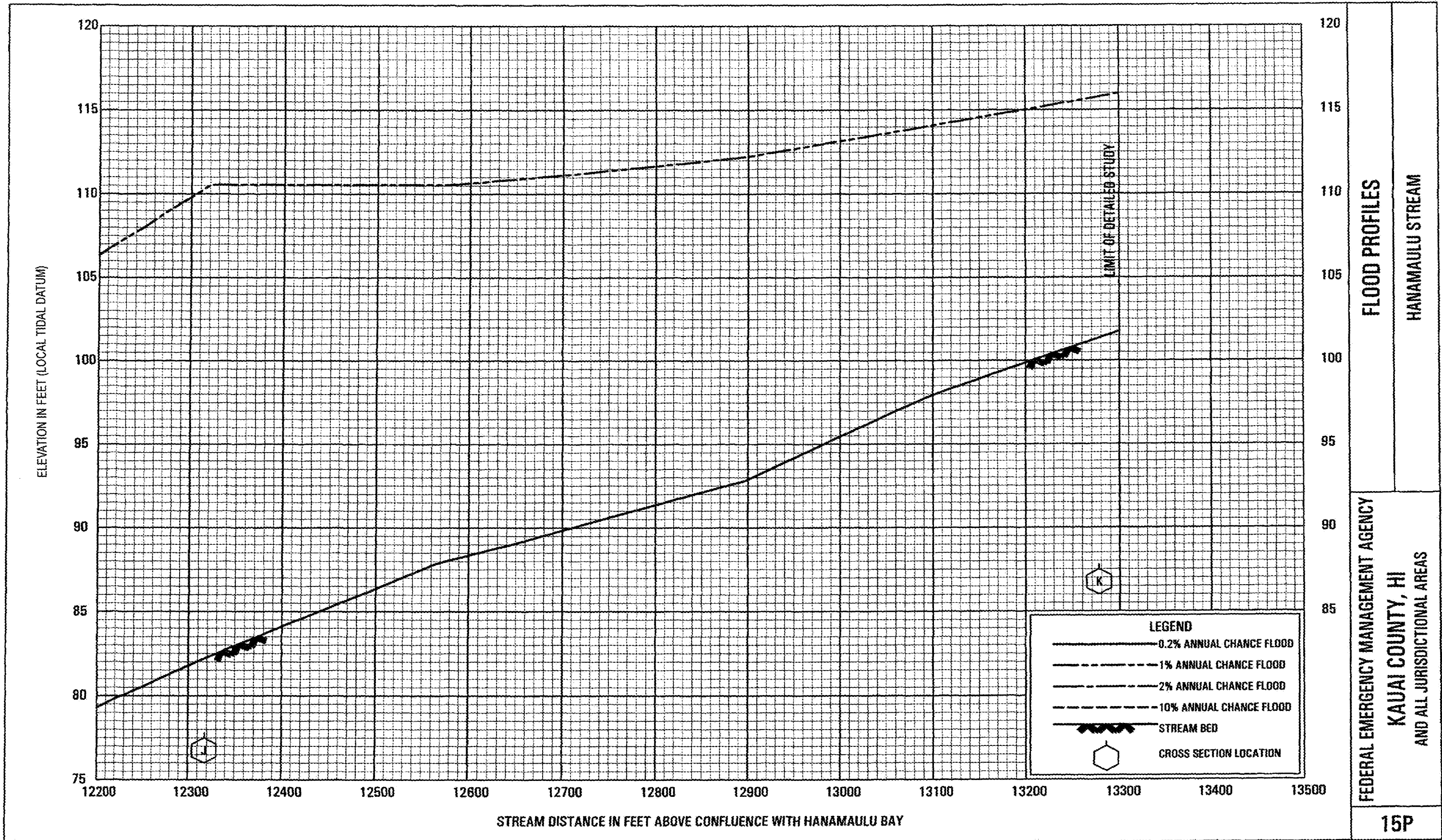


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HANAMAULU STREAM

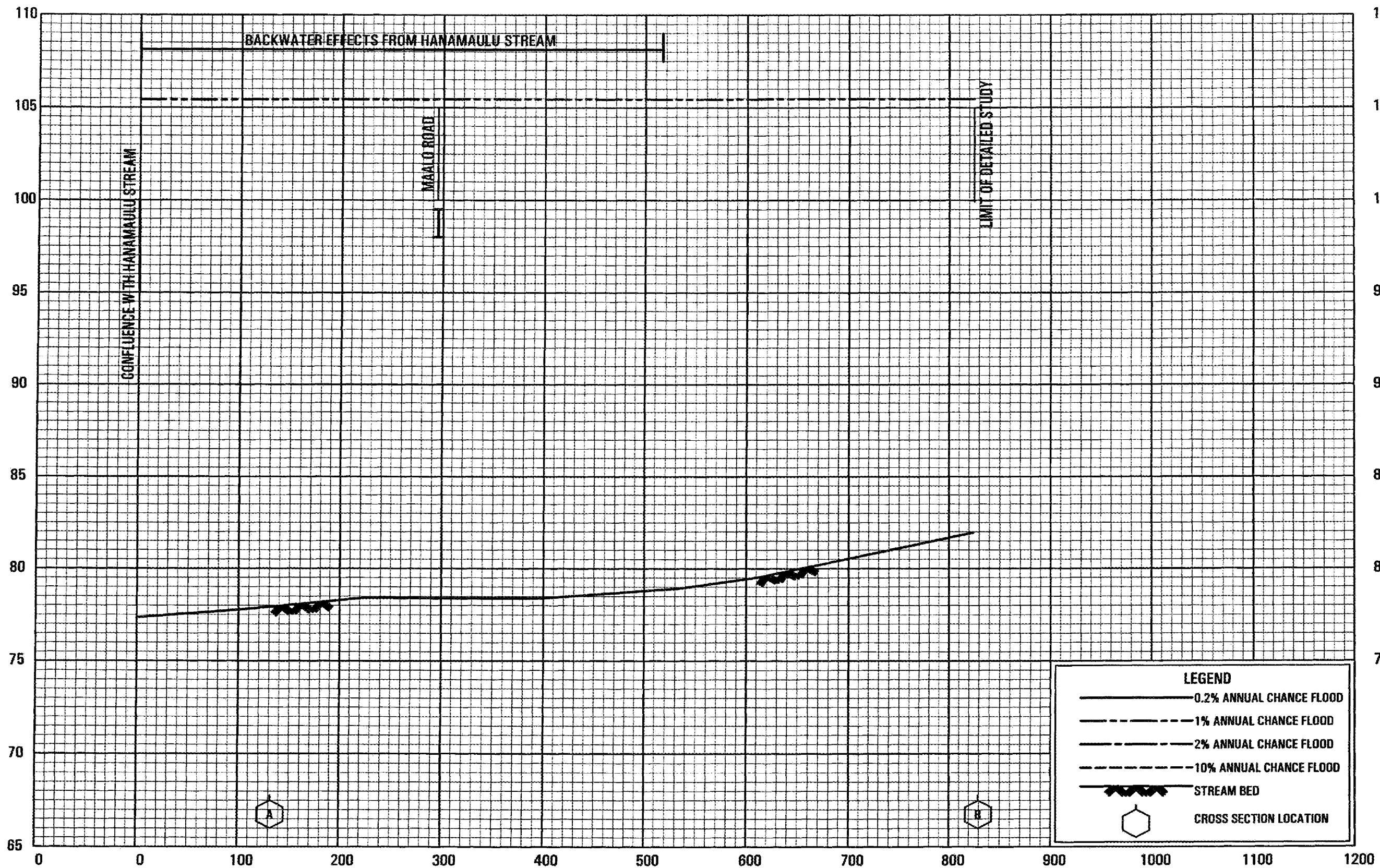
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FEDERAL EMERGENCY MANAGEMENT AGENCY

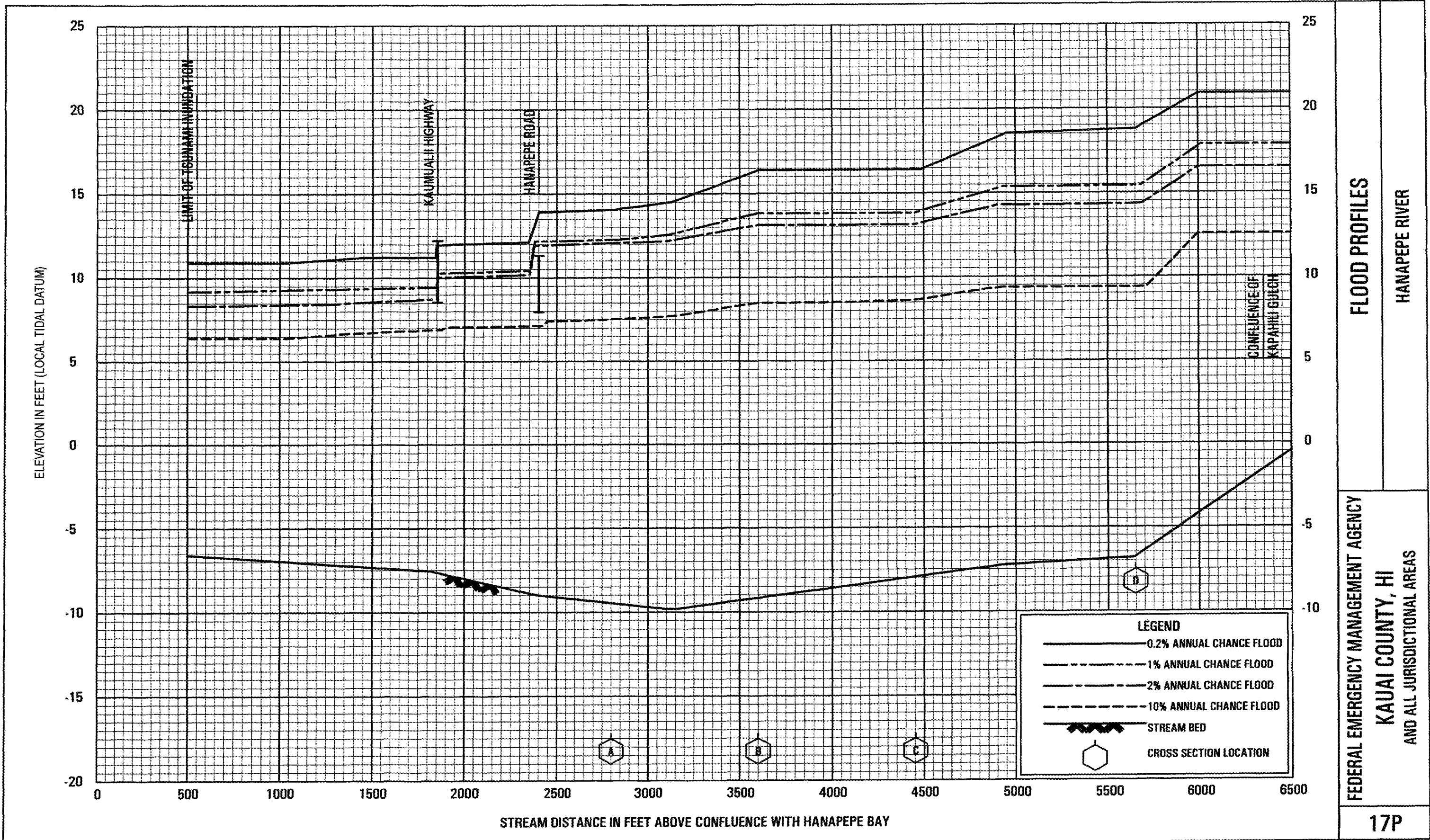
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

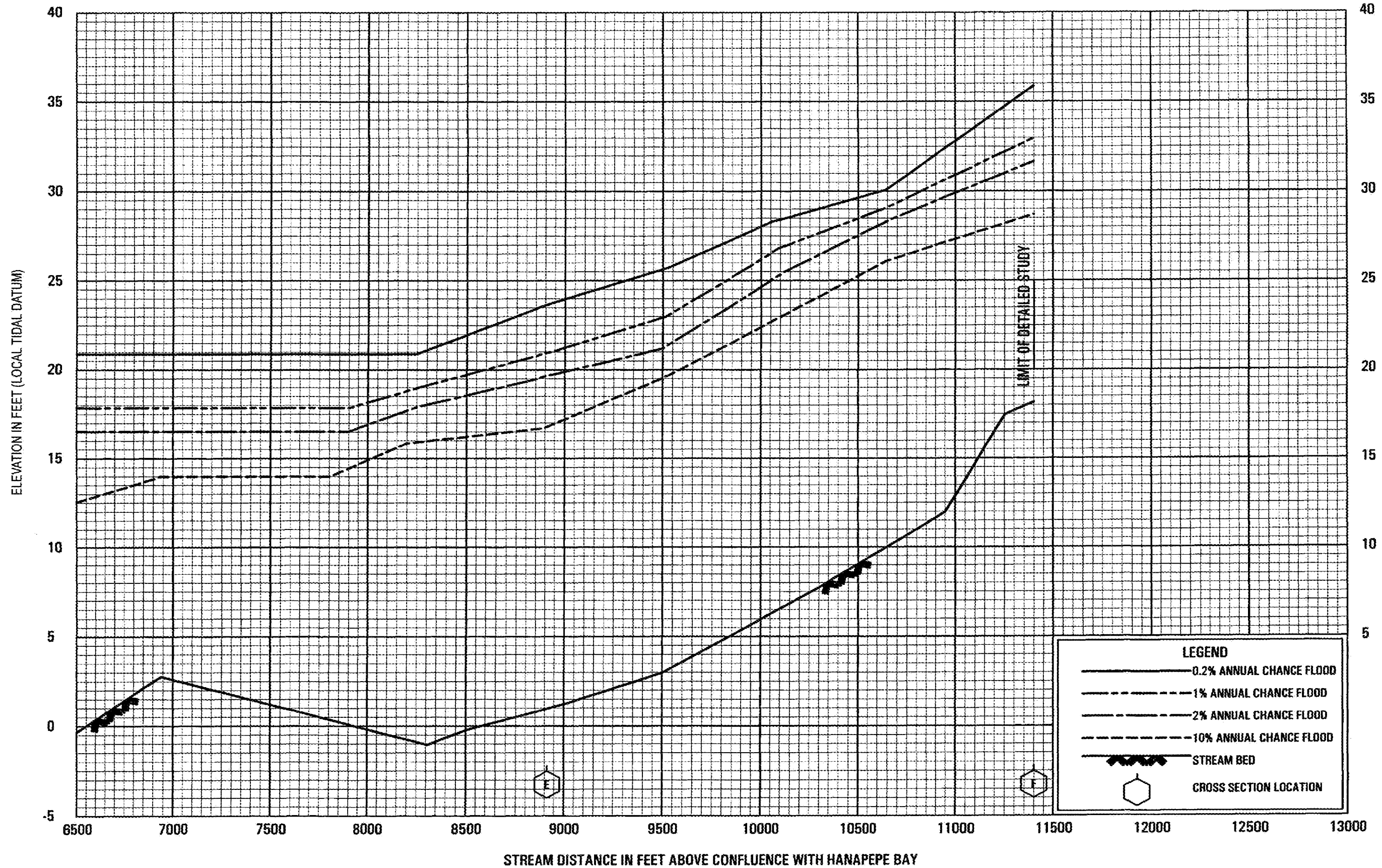
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HANAMAULU STREAM TRIBUTARY

16P



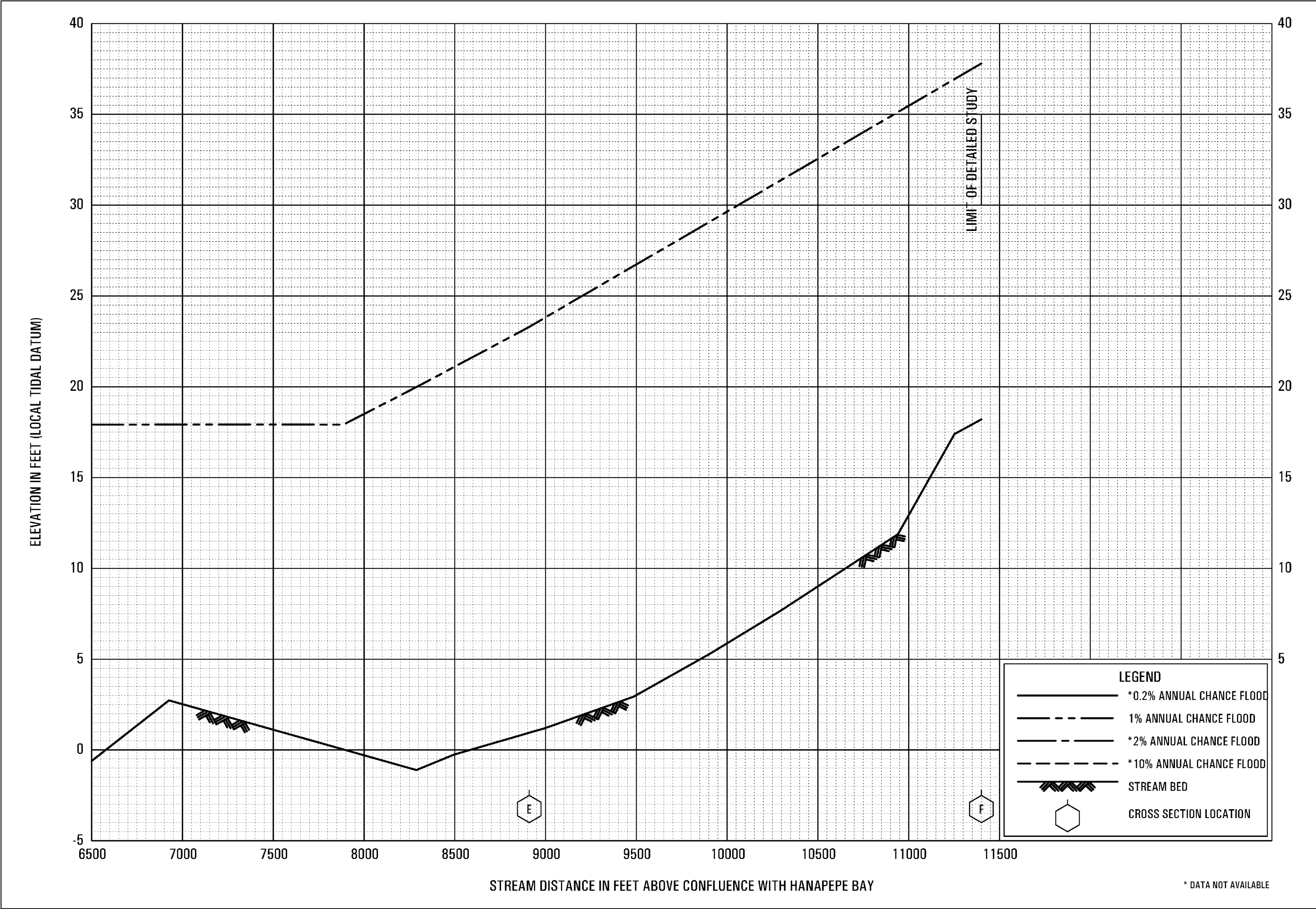




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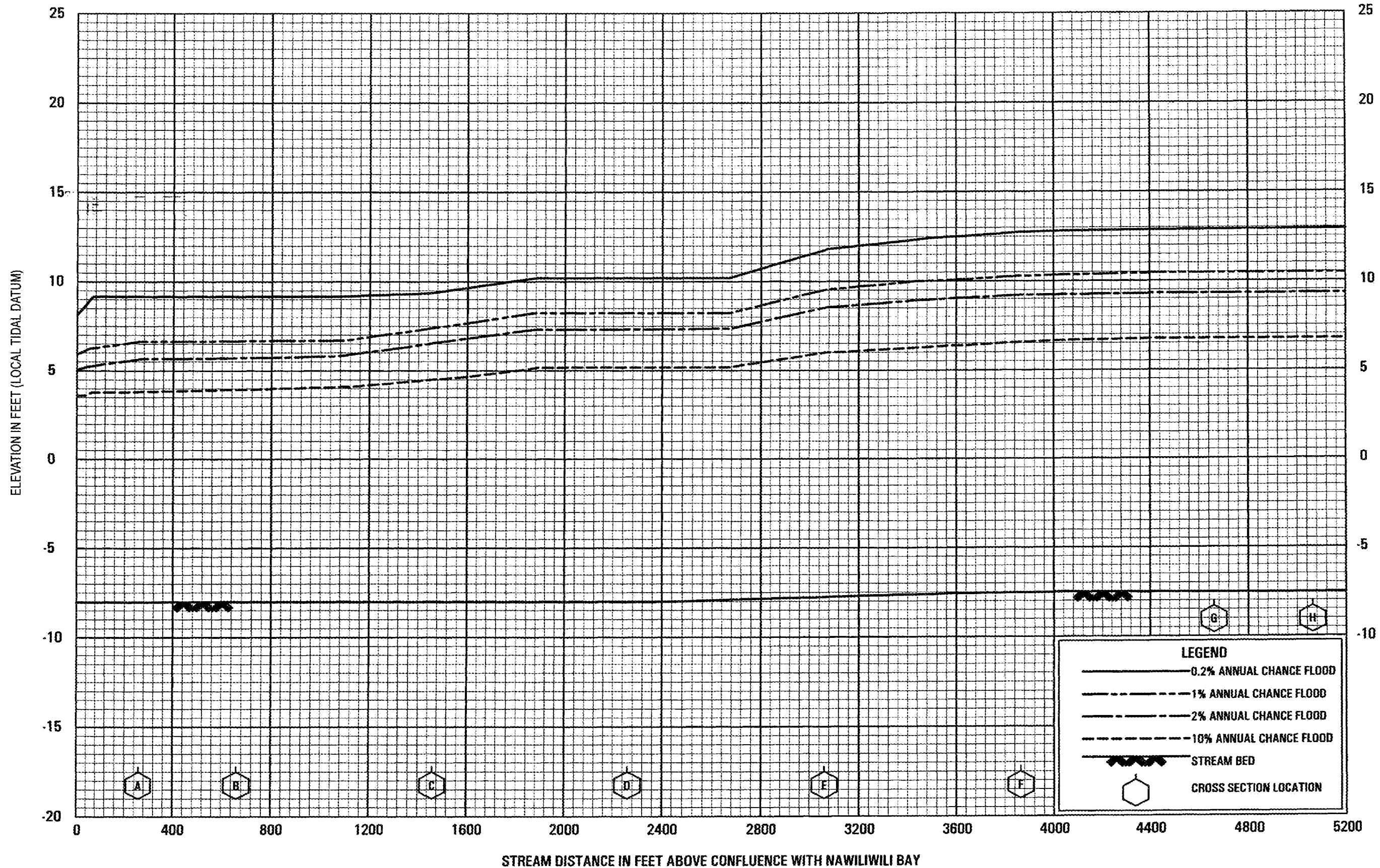
HANAPEPE RIVER (WITHOUT LEVEE)

FEDERAL EMERGENCY MANAGEMENT AGENCY  
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 AND ALL JURISDICTIONAL AREAS



\* DATA NOT AVAILABLE

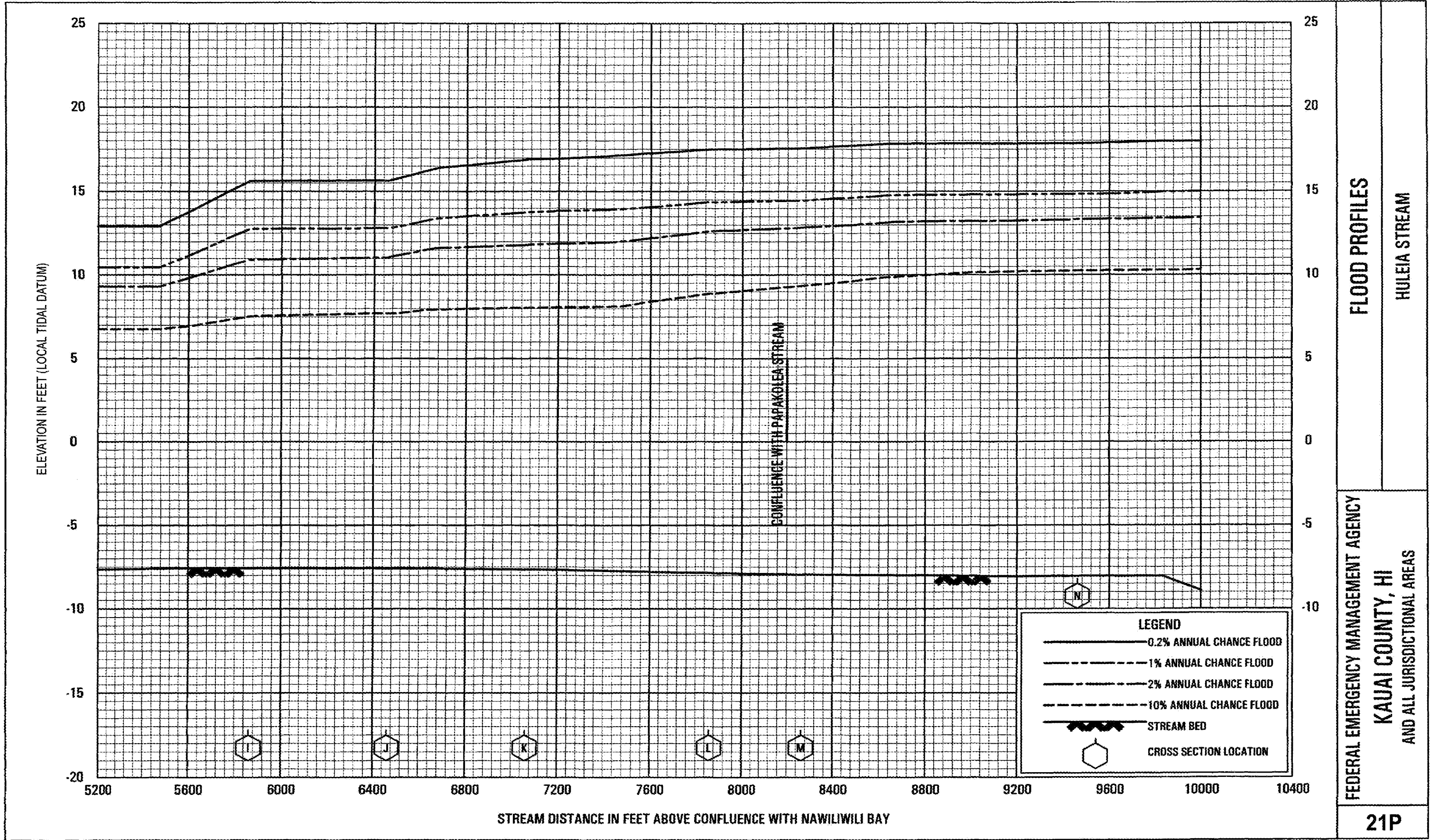




FLOOD PROFILES

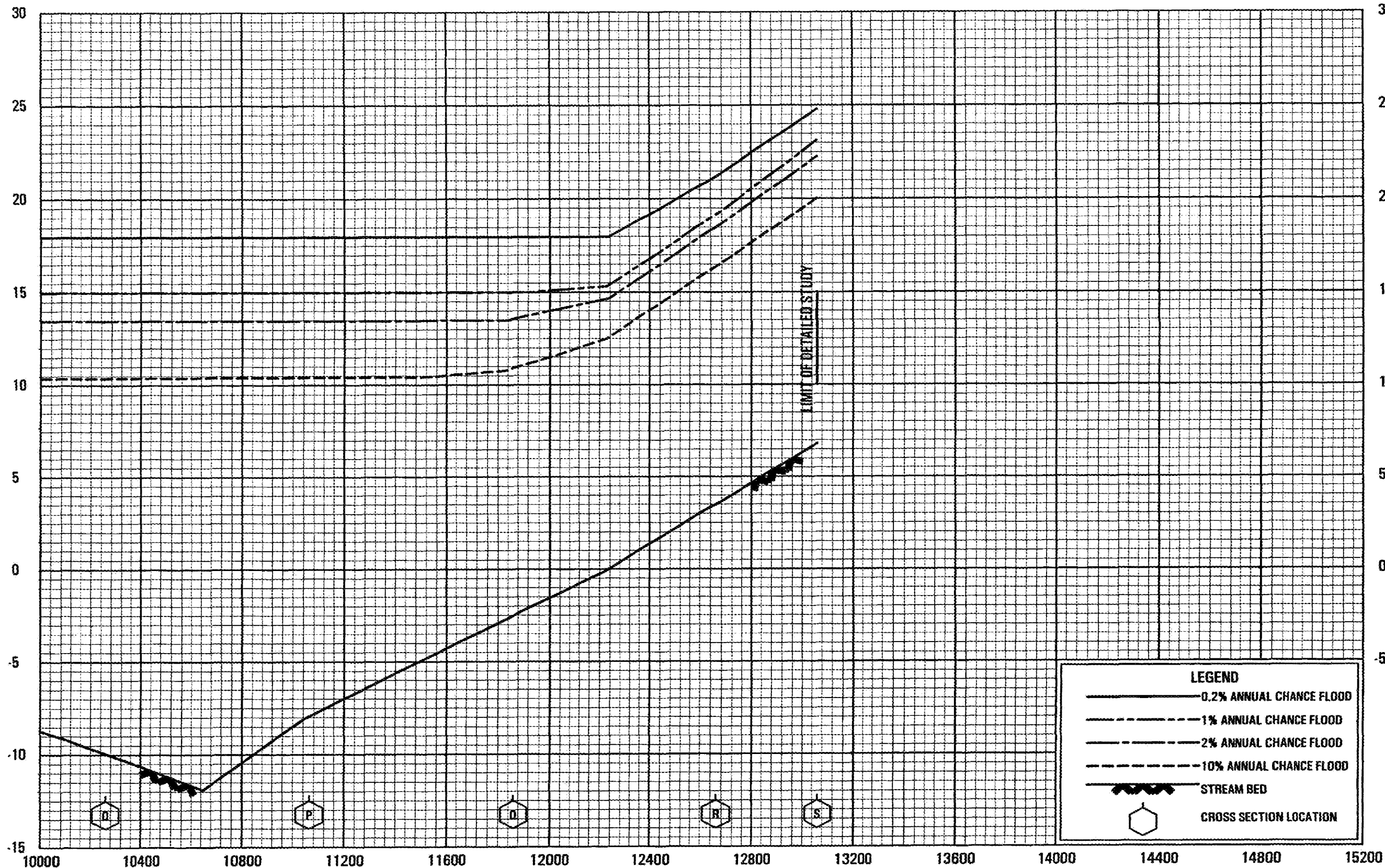
HULEIA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS





ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH NAWILIWILI BAY

**LEGEND**

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

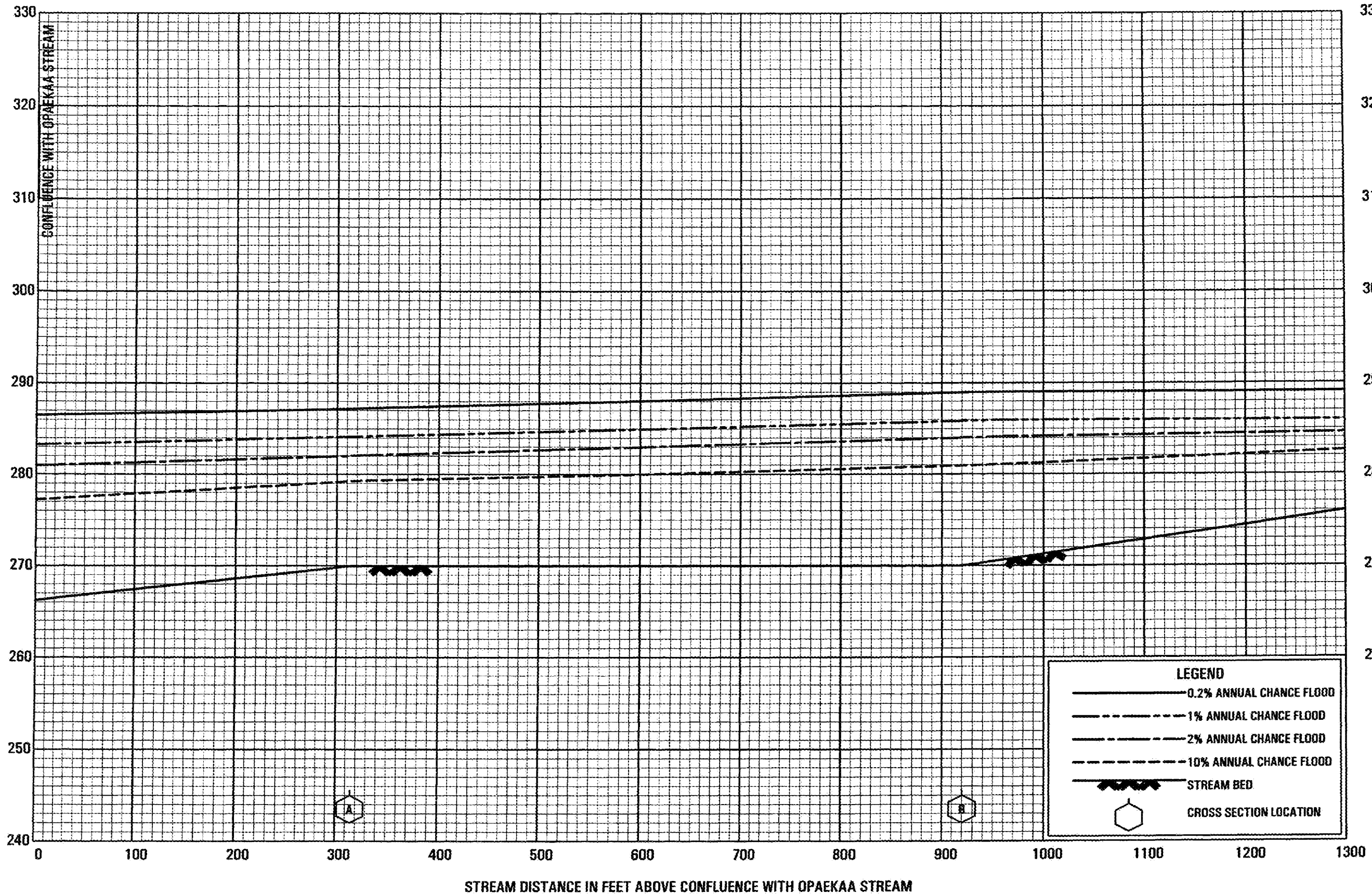
FLOOD PROFILES

HULEIA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

ELEVATION IN FEET (LOCAL TIDAL DATUM)



**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

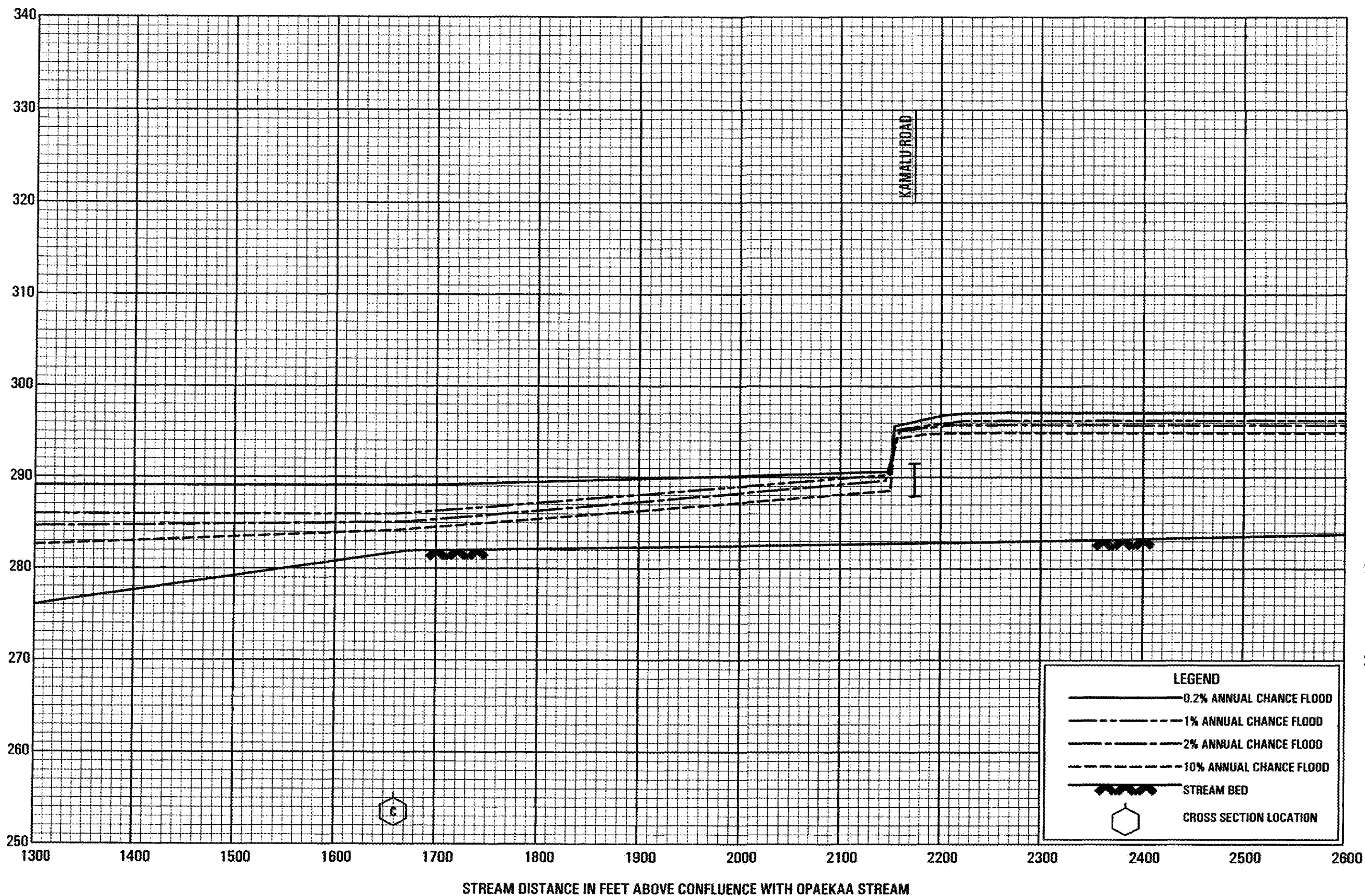
KALAMA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS



ELEVATION IN FEET (LOCAL TIDAL DATUM)



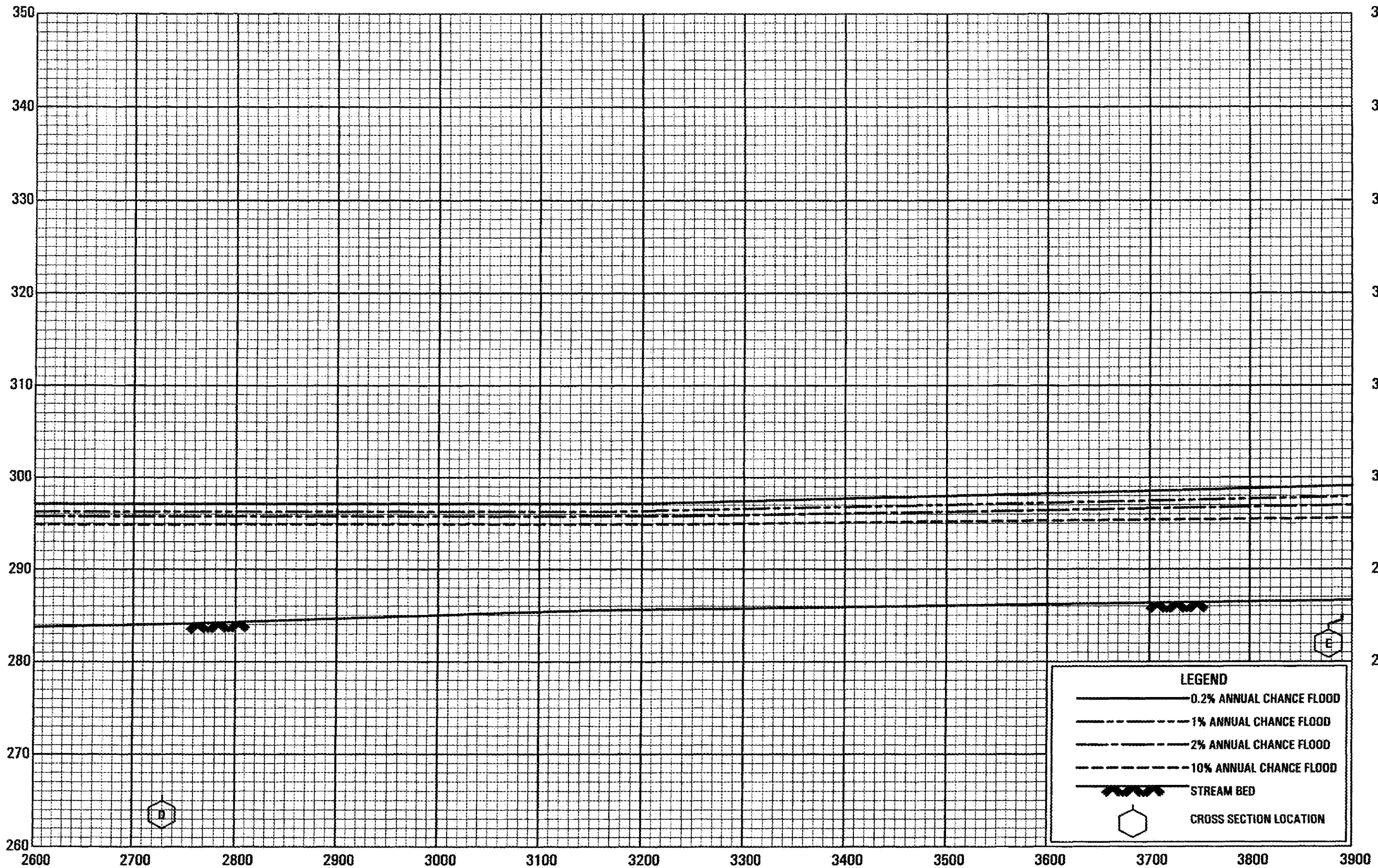
FLOOD PROFILES

KALAMA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

24P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH OPAEKAA STREAM

FLOOD PROFILES

KALAMA STREAM

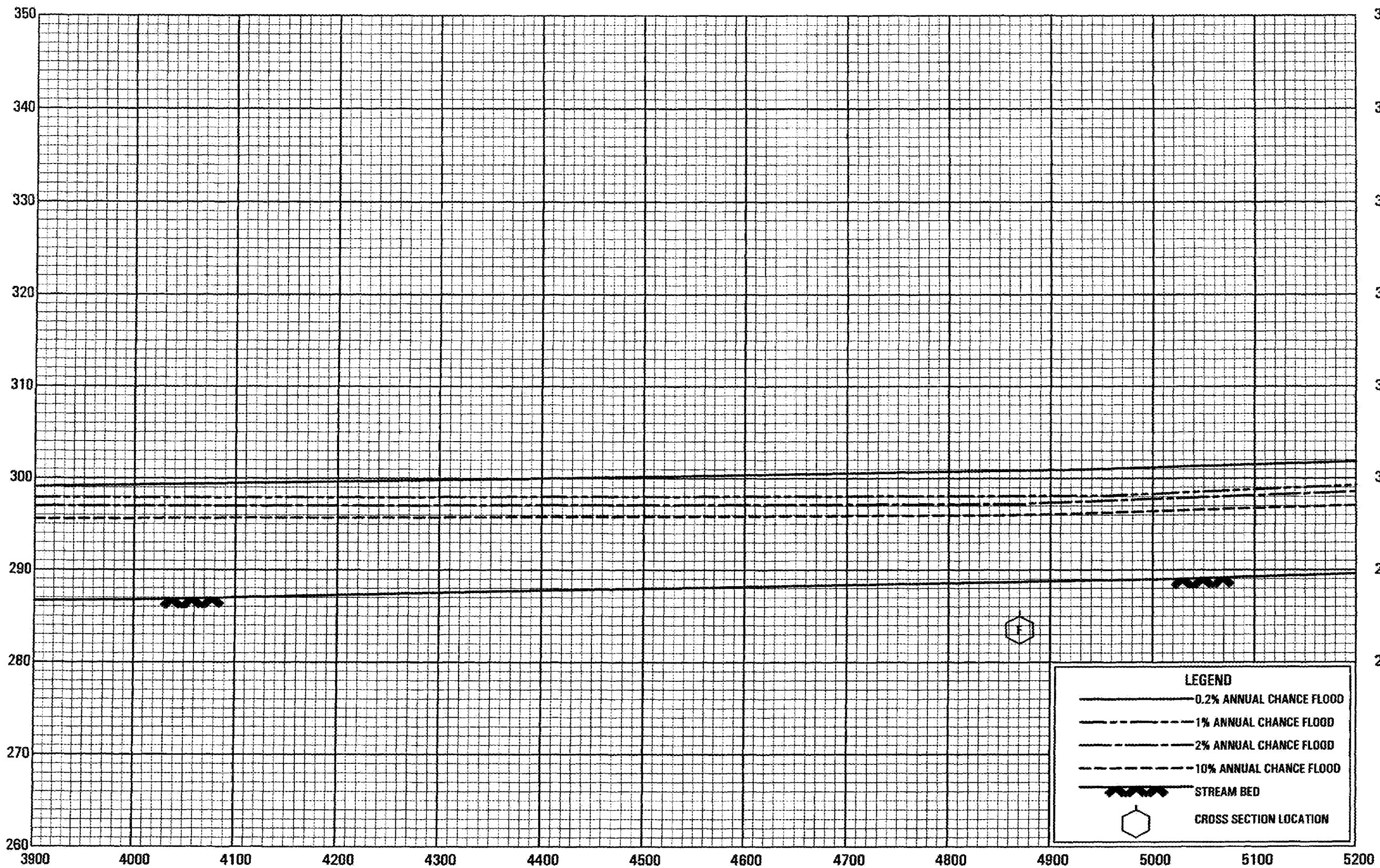
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

25P



ELEVATION IN FEET (LOCAL TIDAL DATUM)

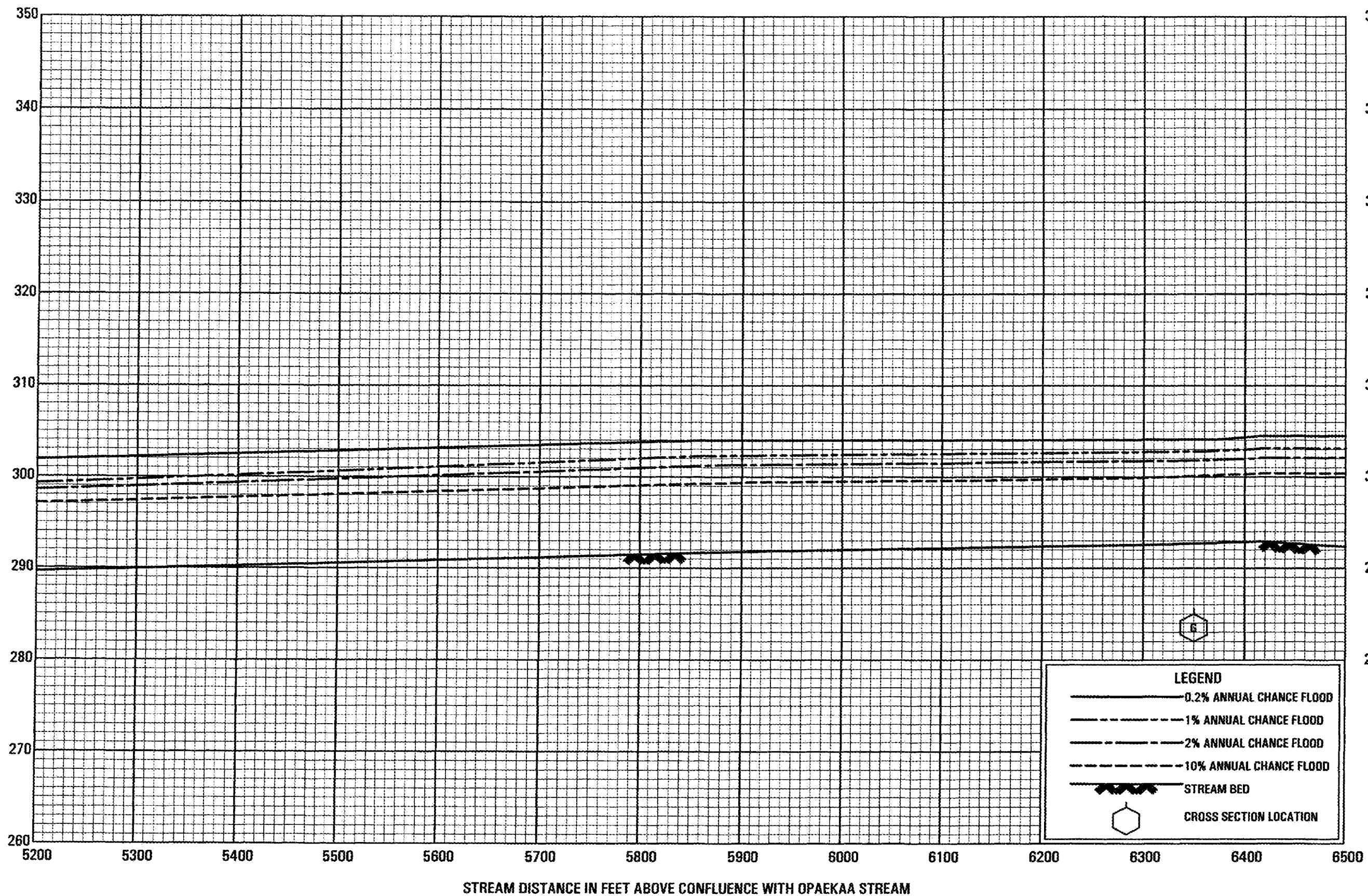


STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH OPAEKAA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

FLOOD PROFILES  
KALAMA STREAM

ELEVATION IN FEET (LOCAL TIDAL DATUM)



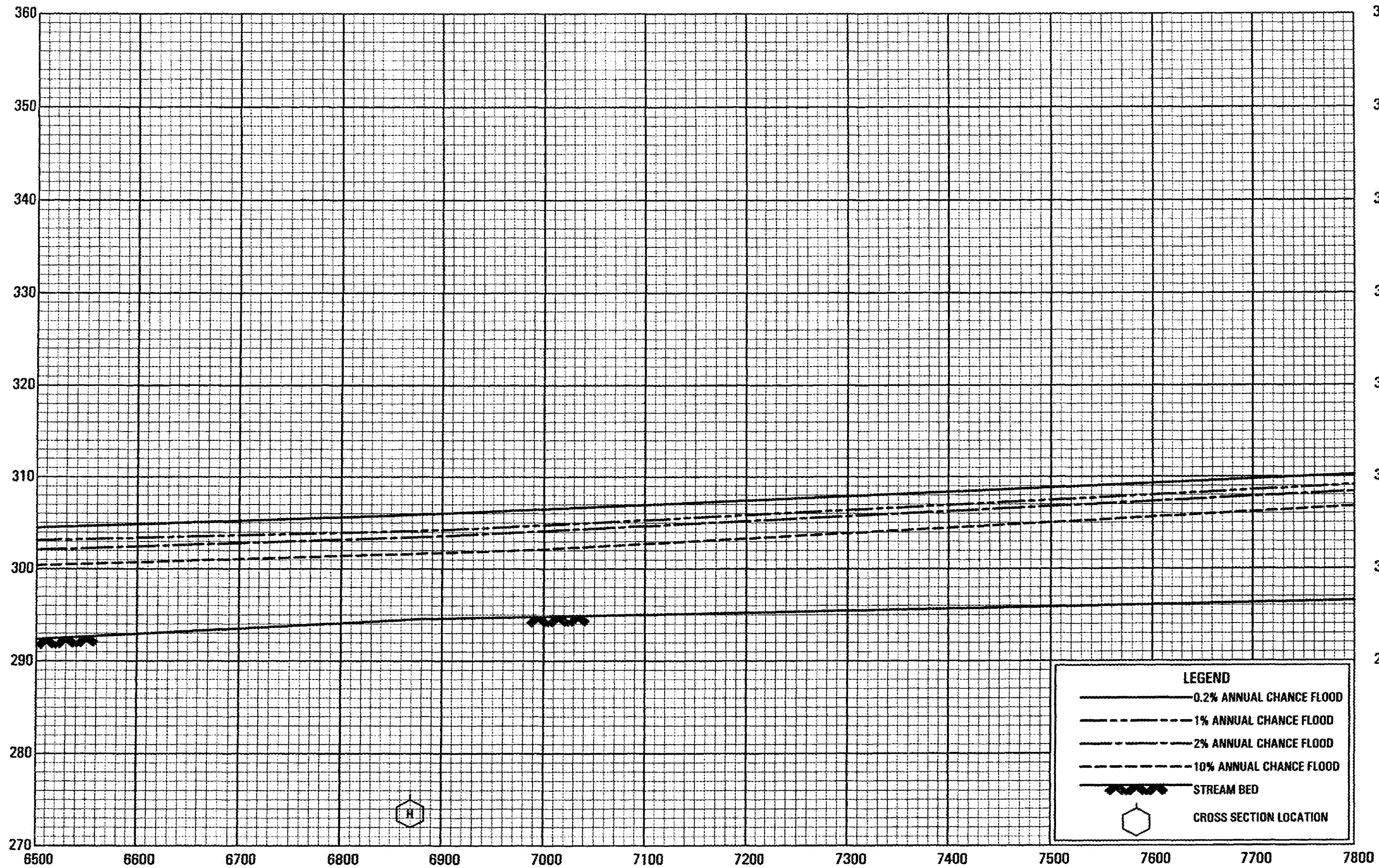
FLOOD PROFILES

KALAMA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH OPAEKAA STREAM

FLOOD PROFILES

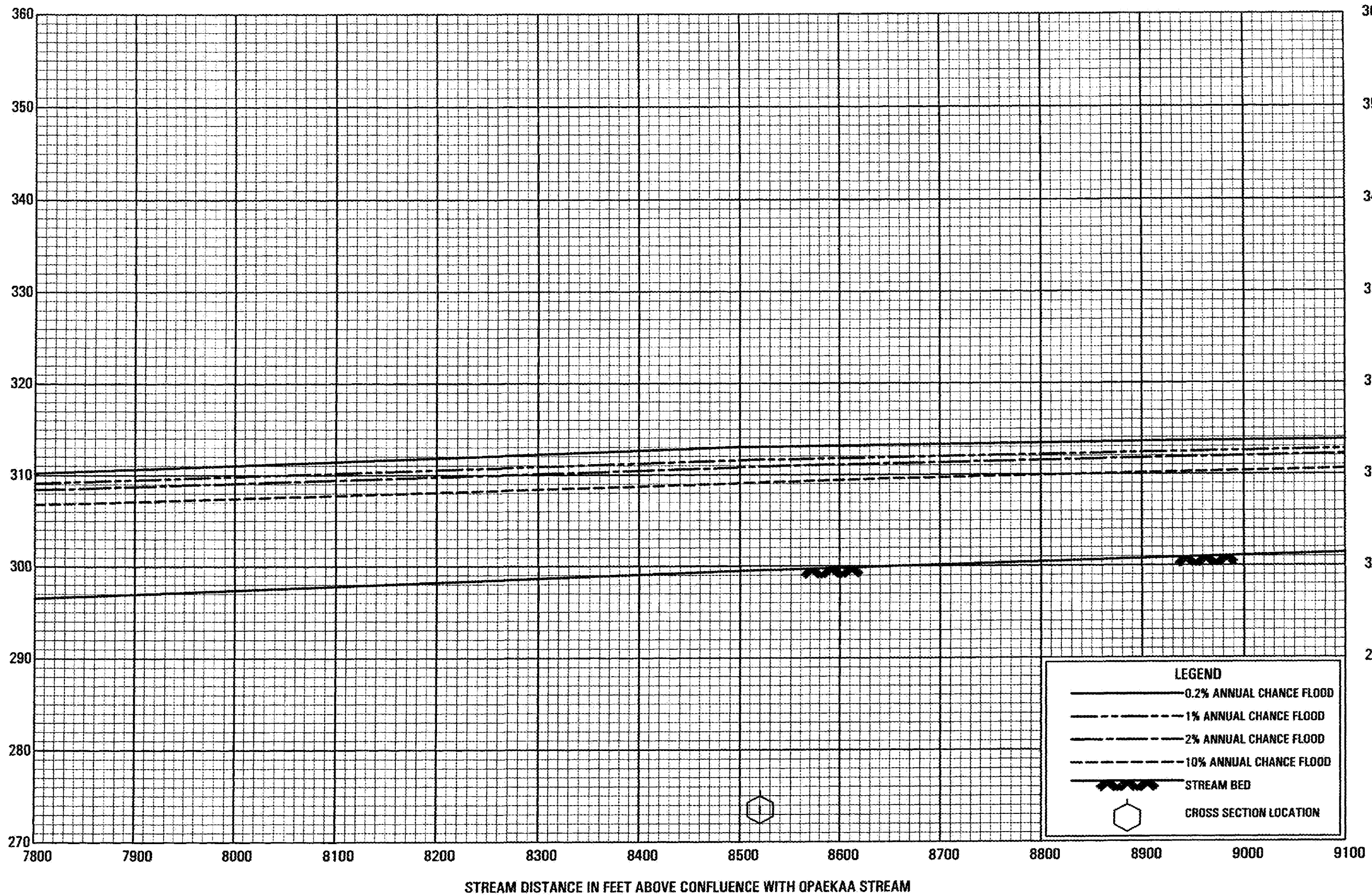
KALAMA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

28P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

KALAMA STREAM

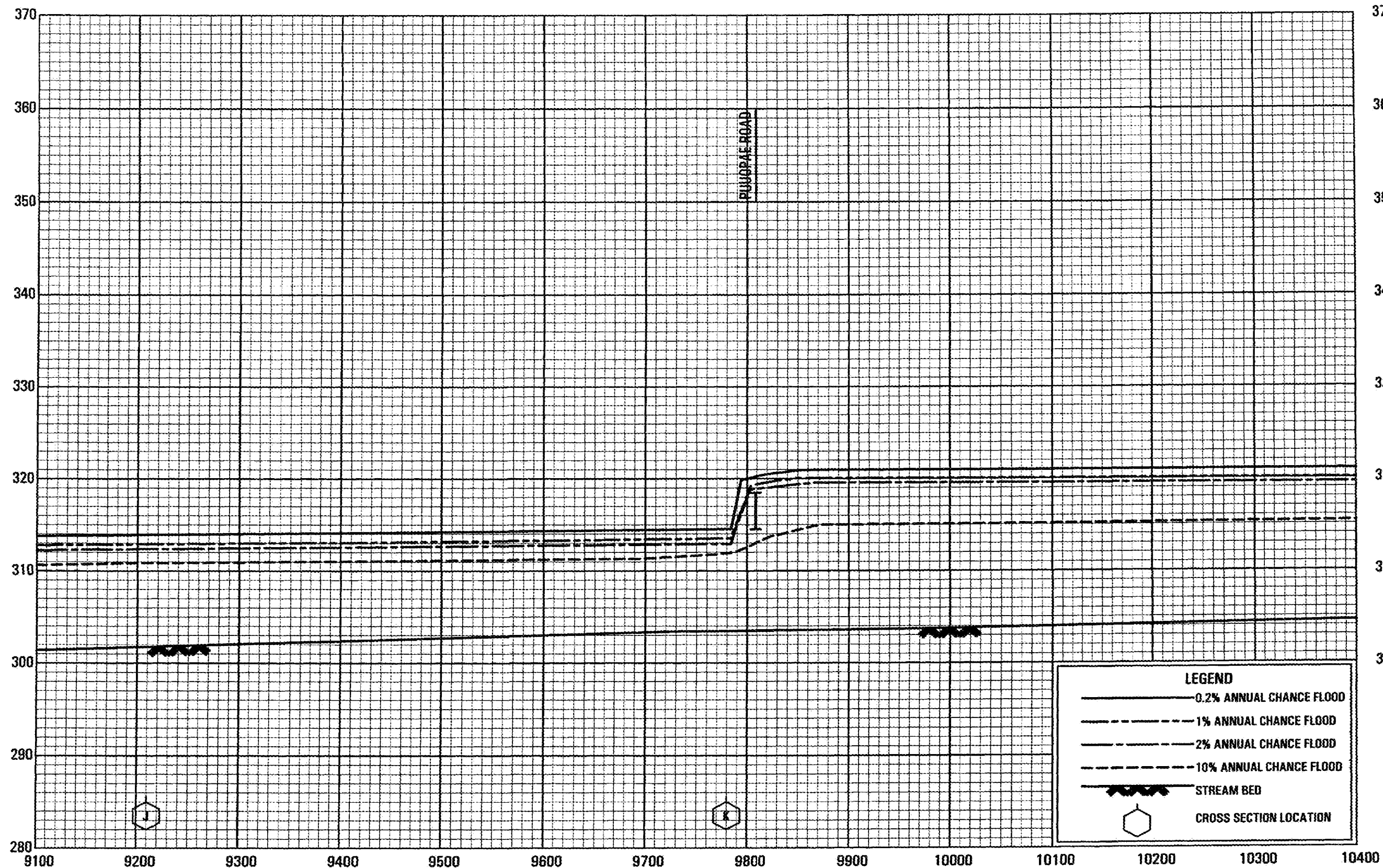
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

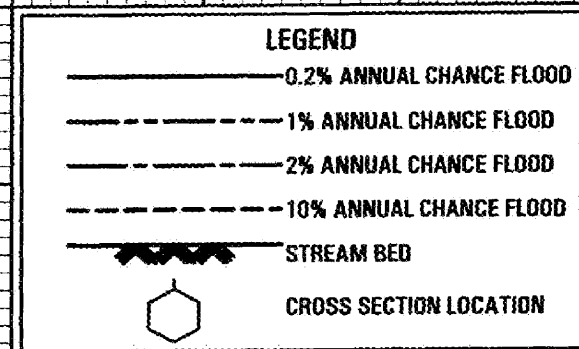
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ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH OPAEKAA STREAM



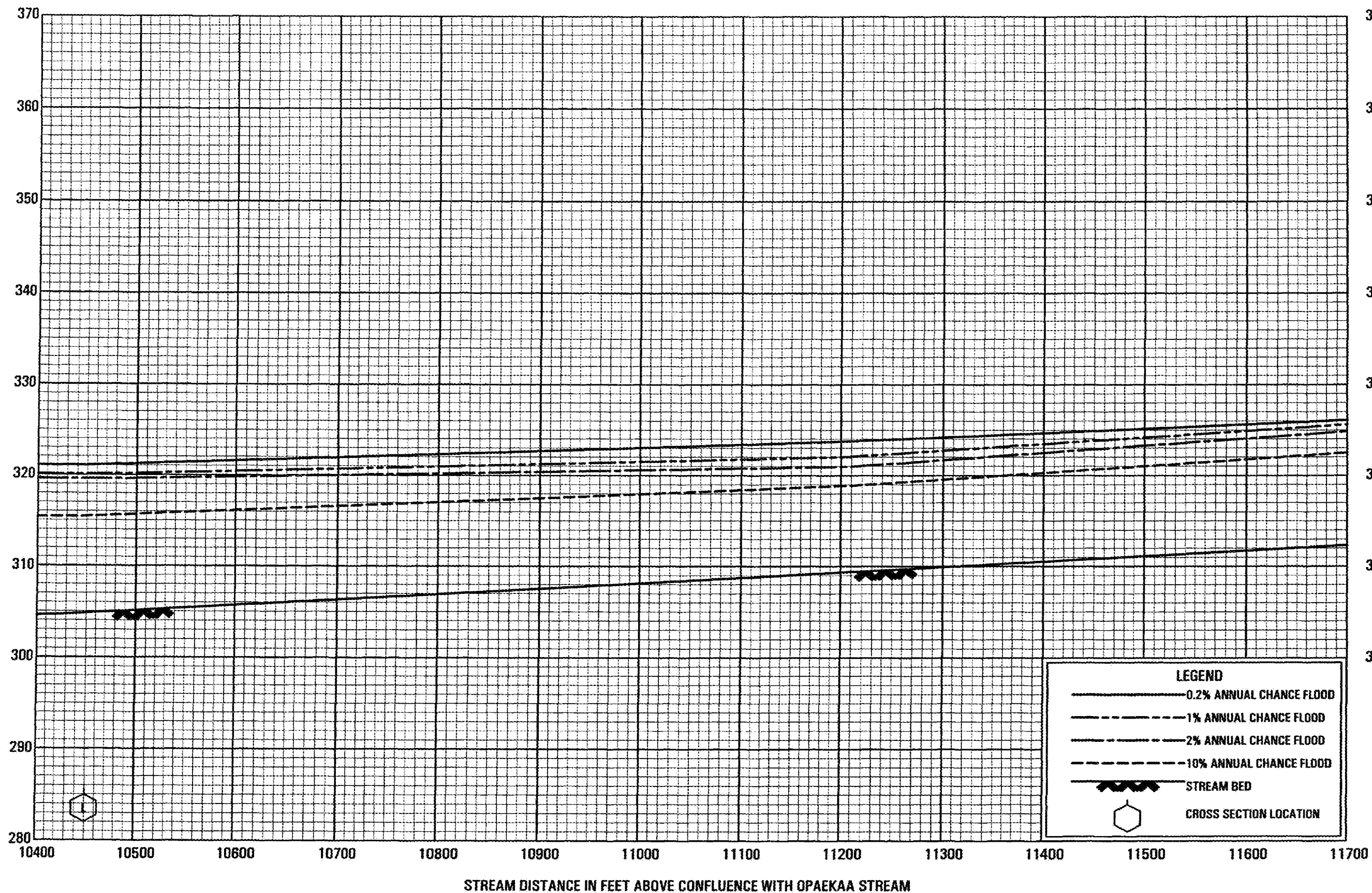
FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

FLOOD PROFILES

KALAMA STREAM

30P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

KALAMA STREAM

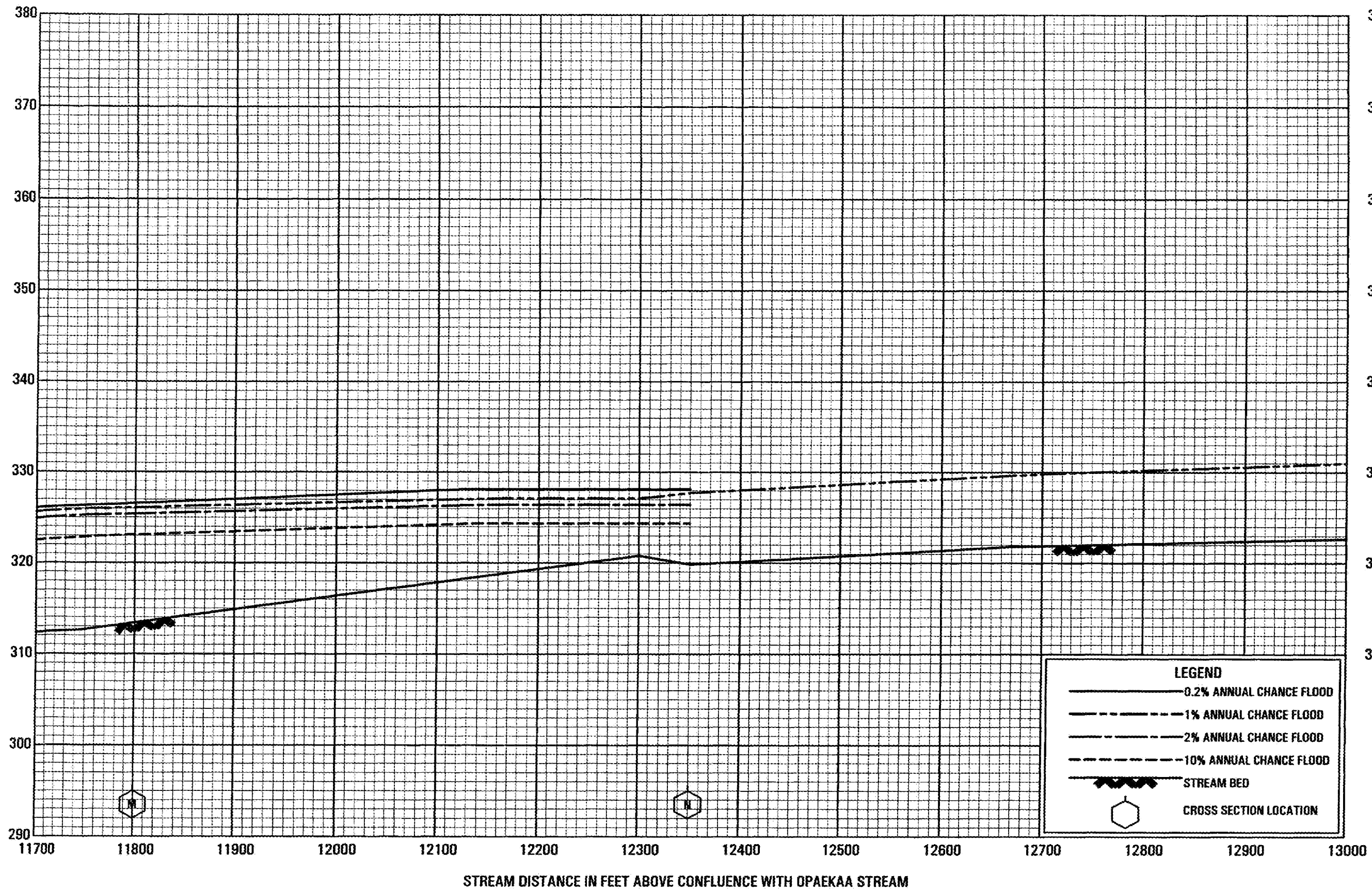
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

31P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



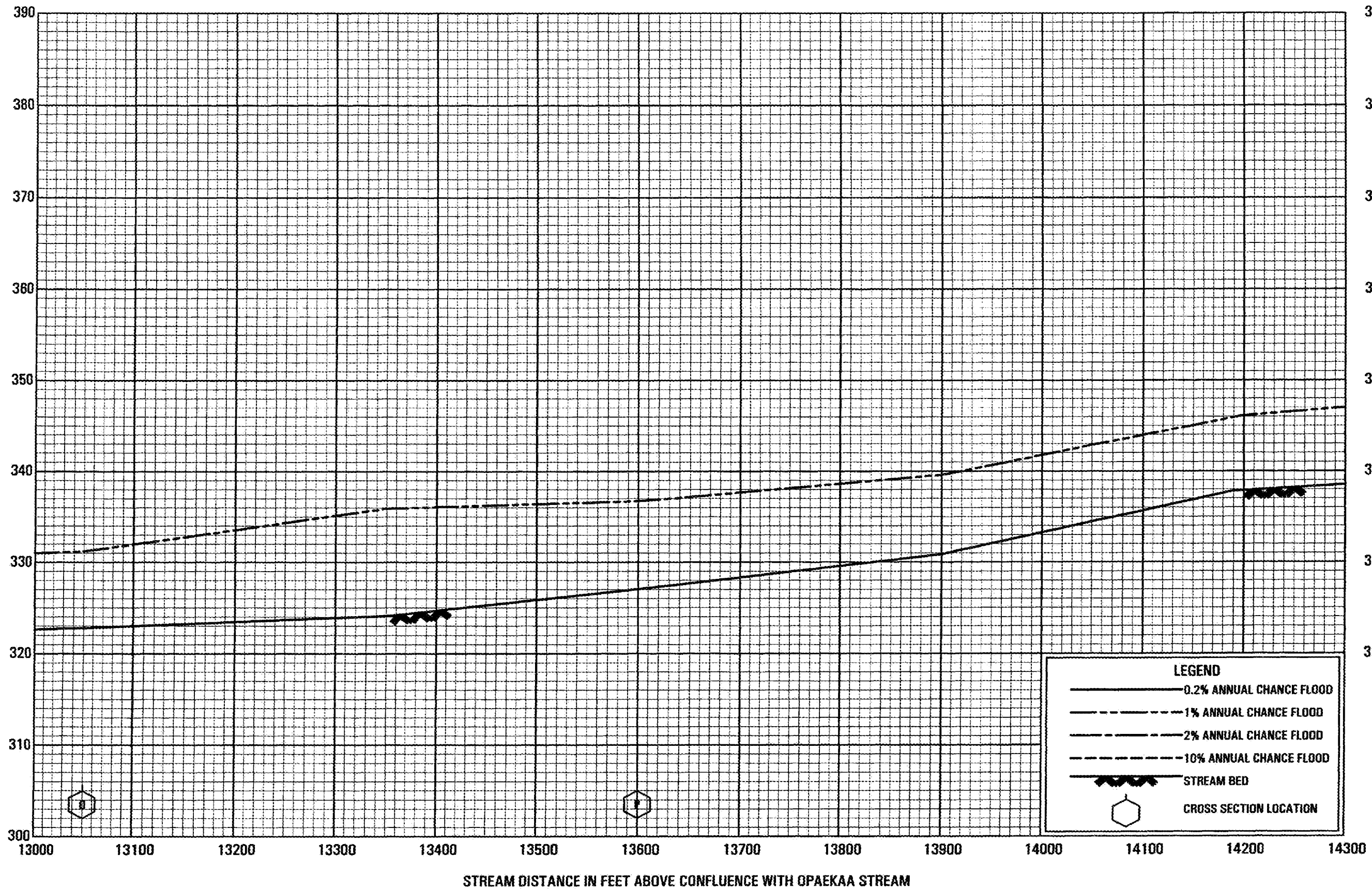
FLOOD PROFILES

KALAMA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI

32P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

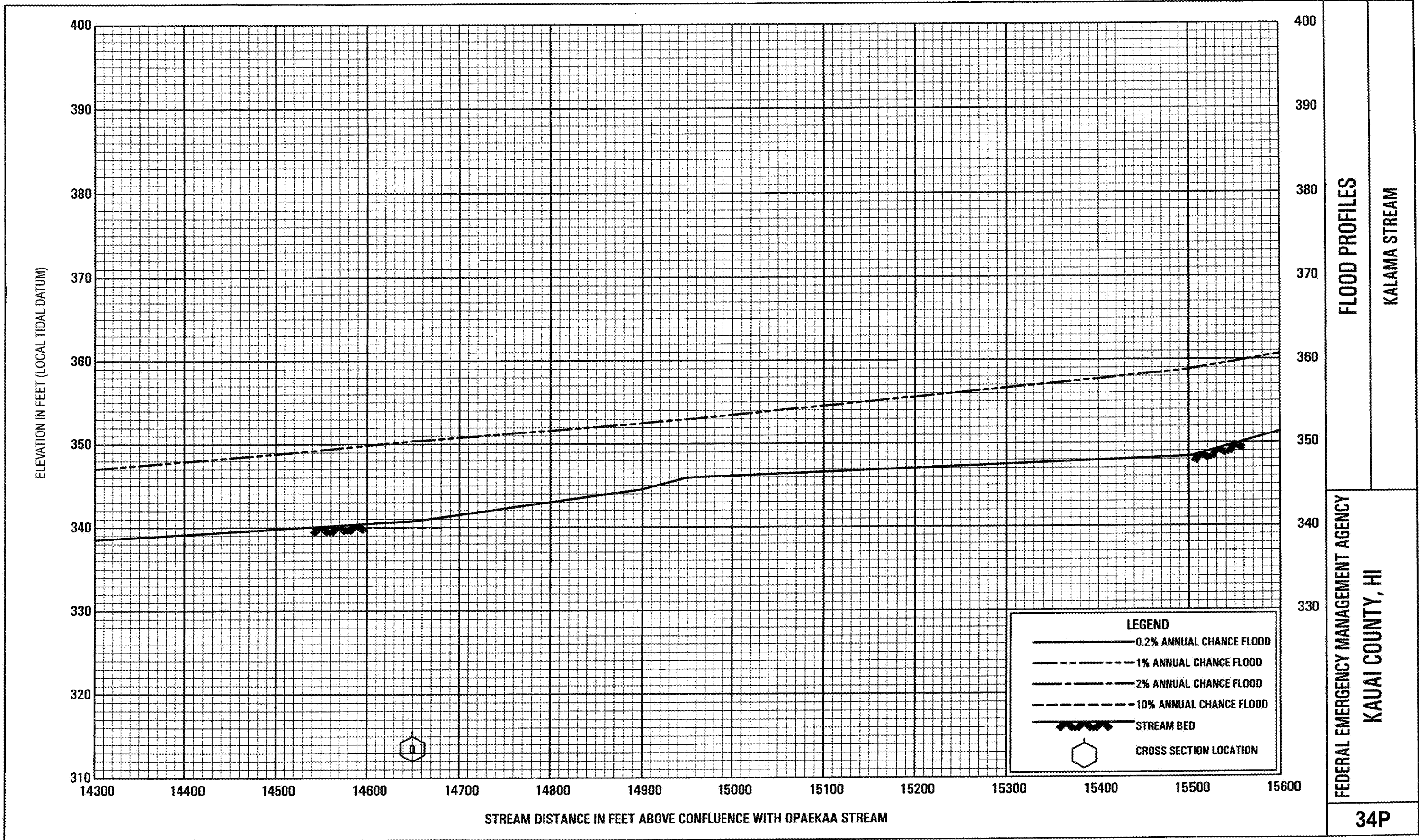
KALAMA STREAM

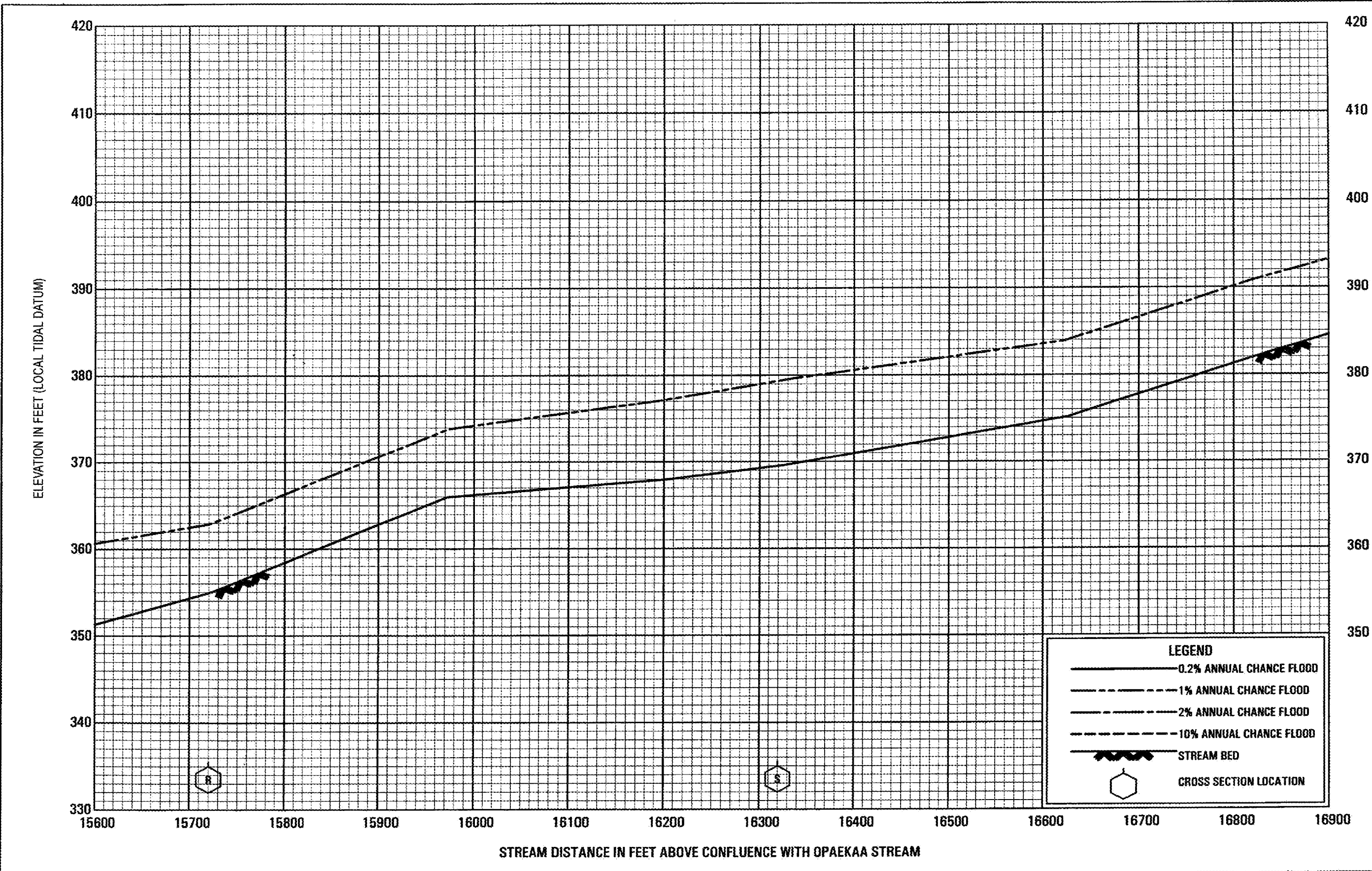
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KAUAI COUNTY, HI

33P

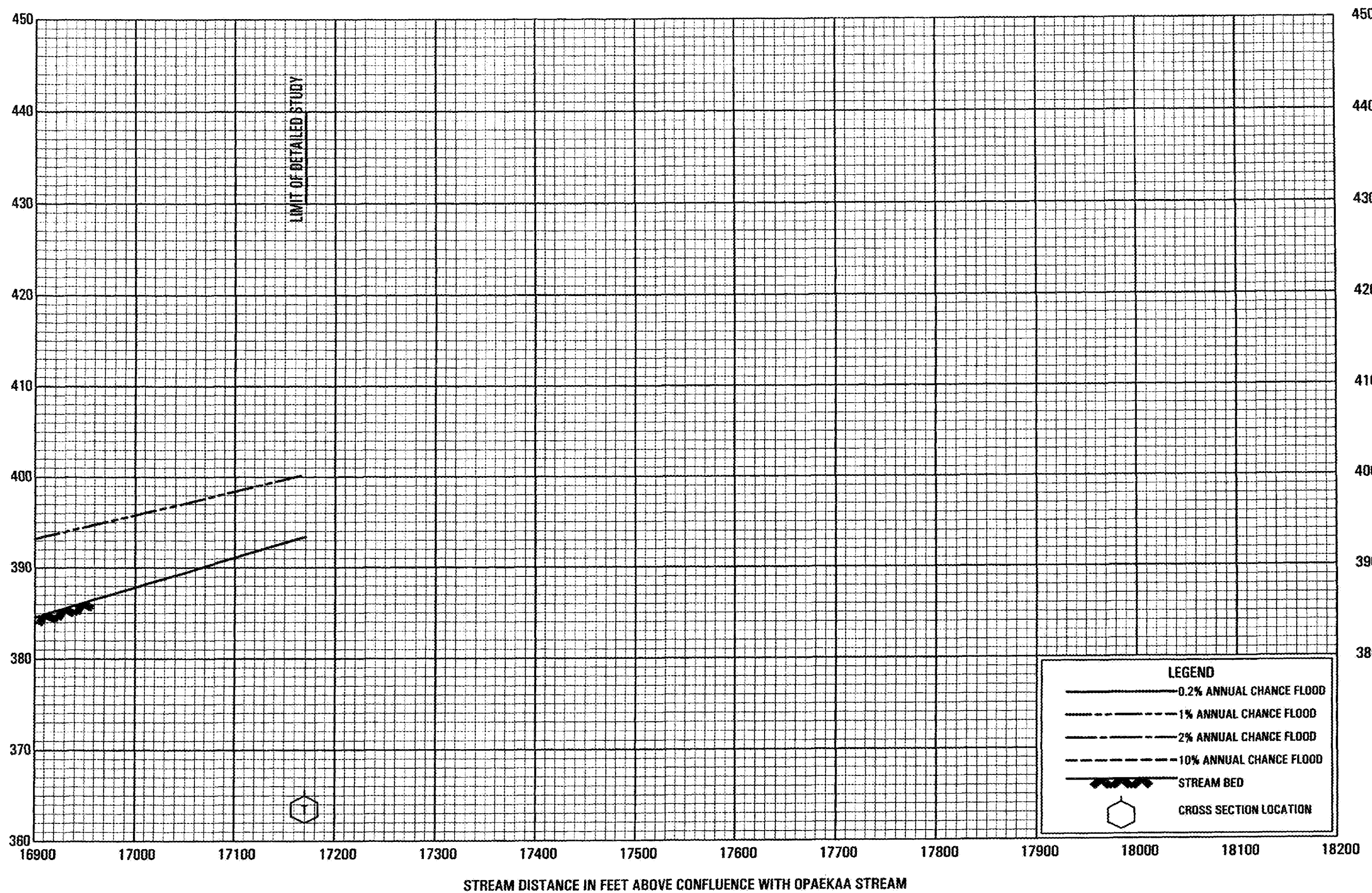








ELEVATION IN FEET (LOCAL TIDAL DATUM)

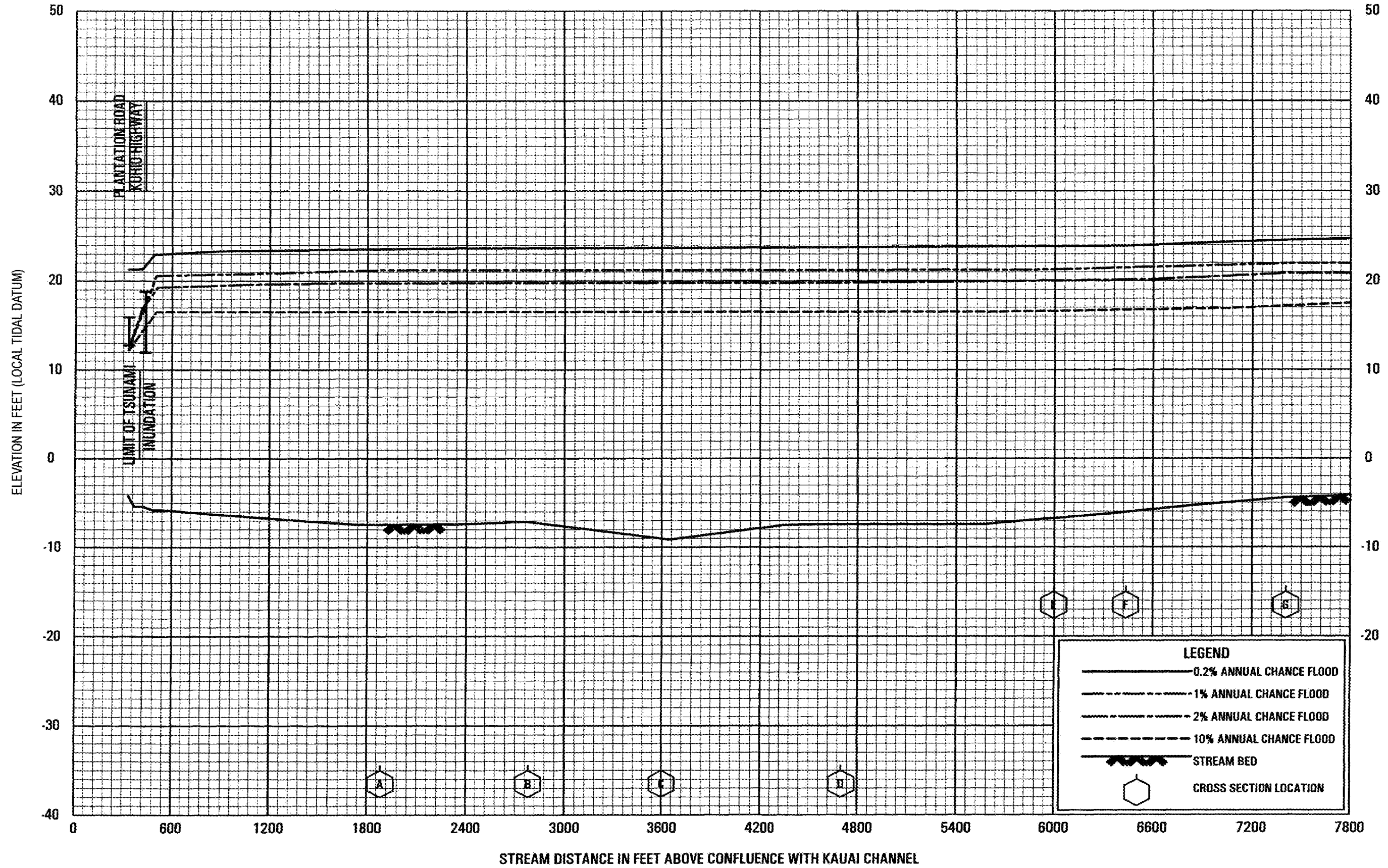


FLOOD PROFILES

KALAMA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI



FLOOD PROFILES

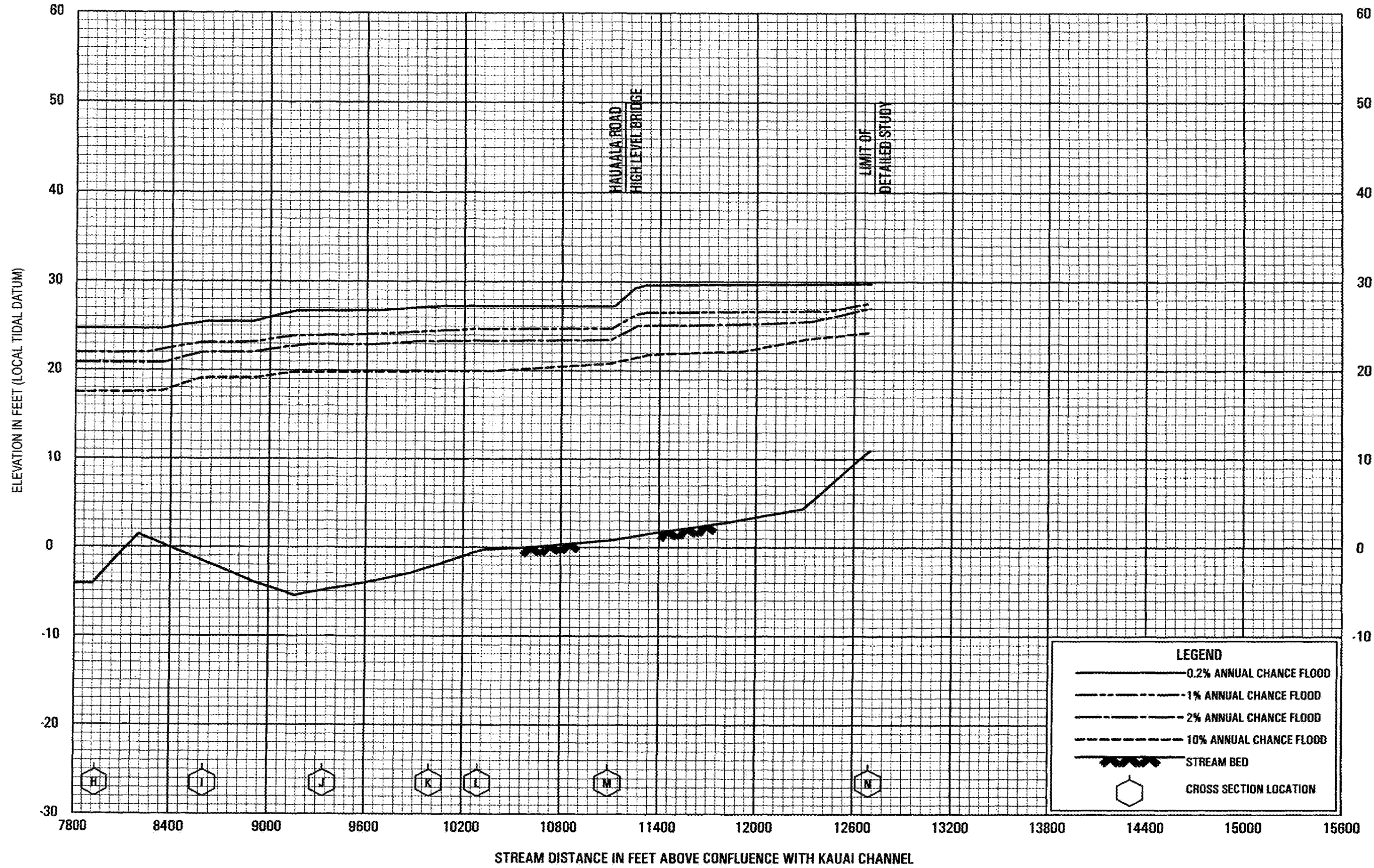
KAPAA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

37P





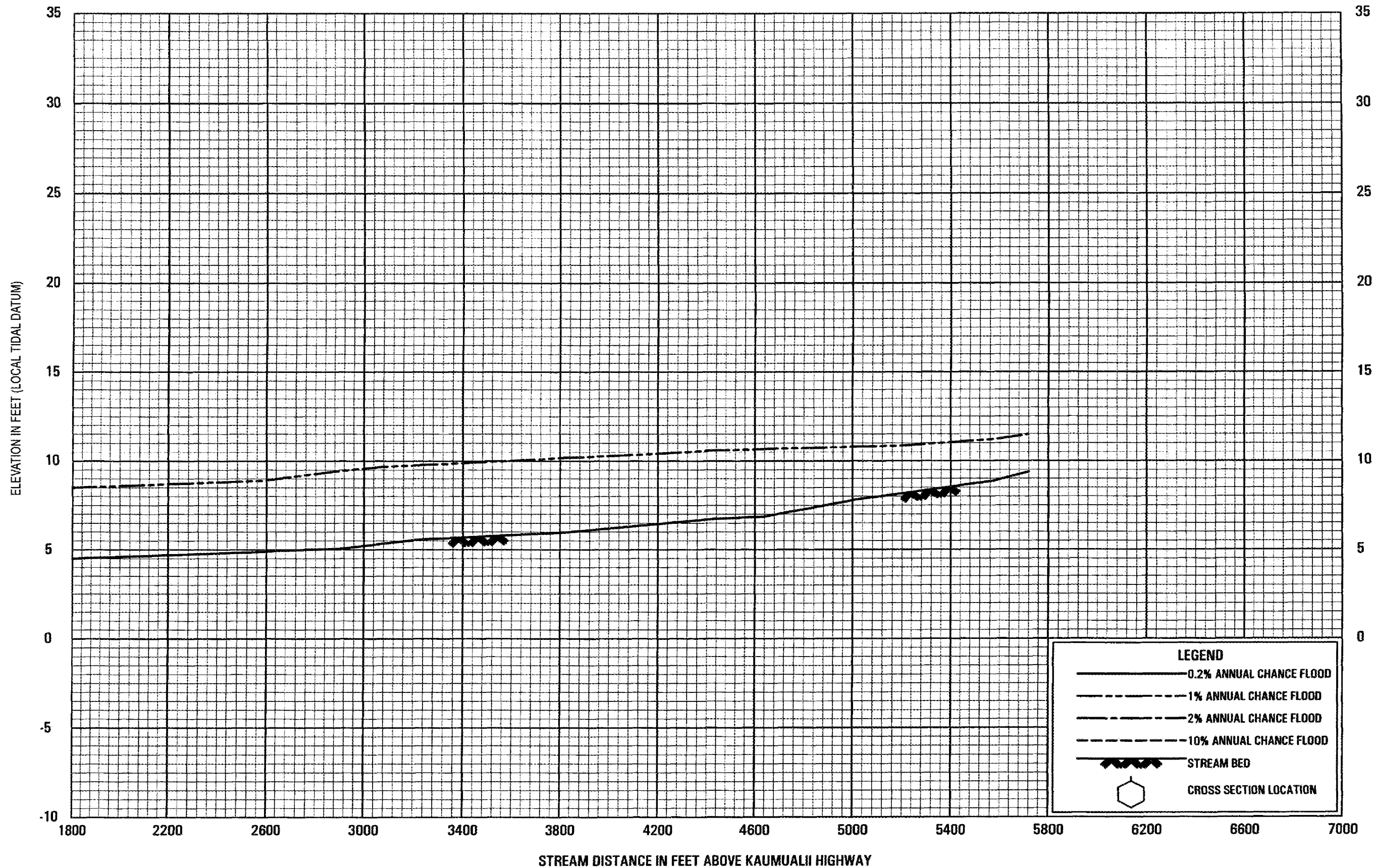
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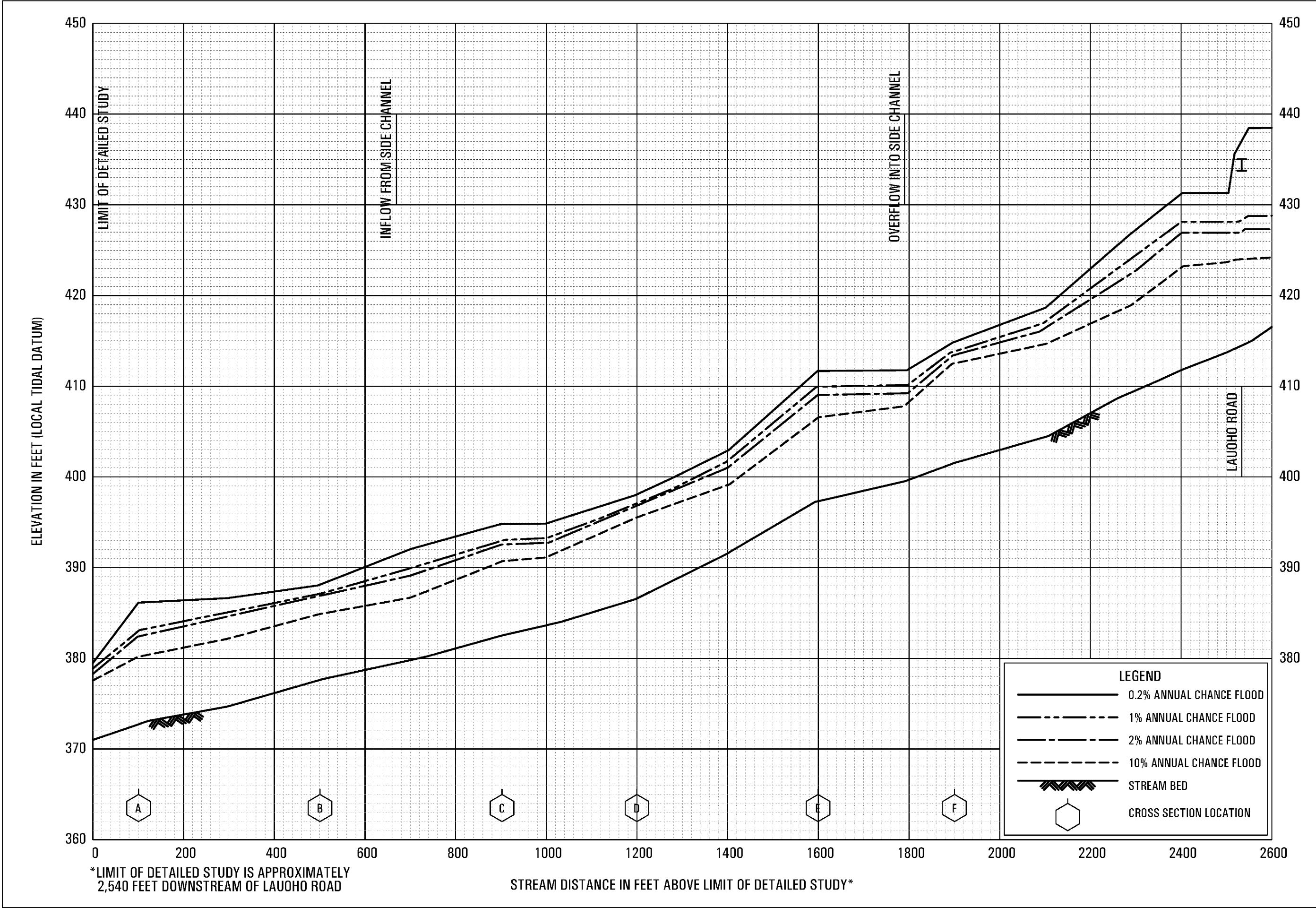
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FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

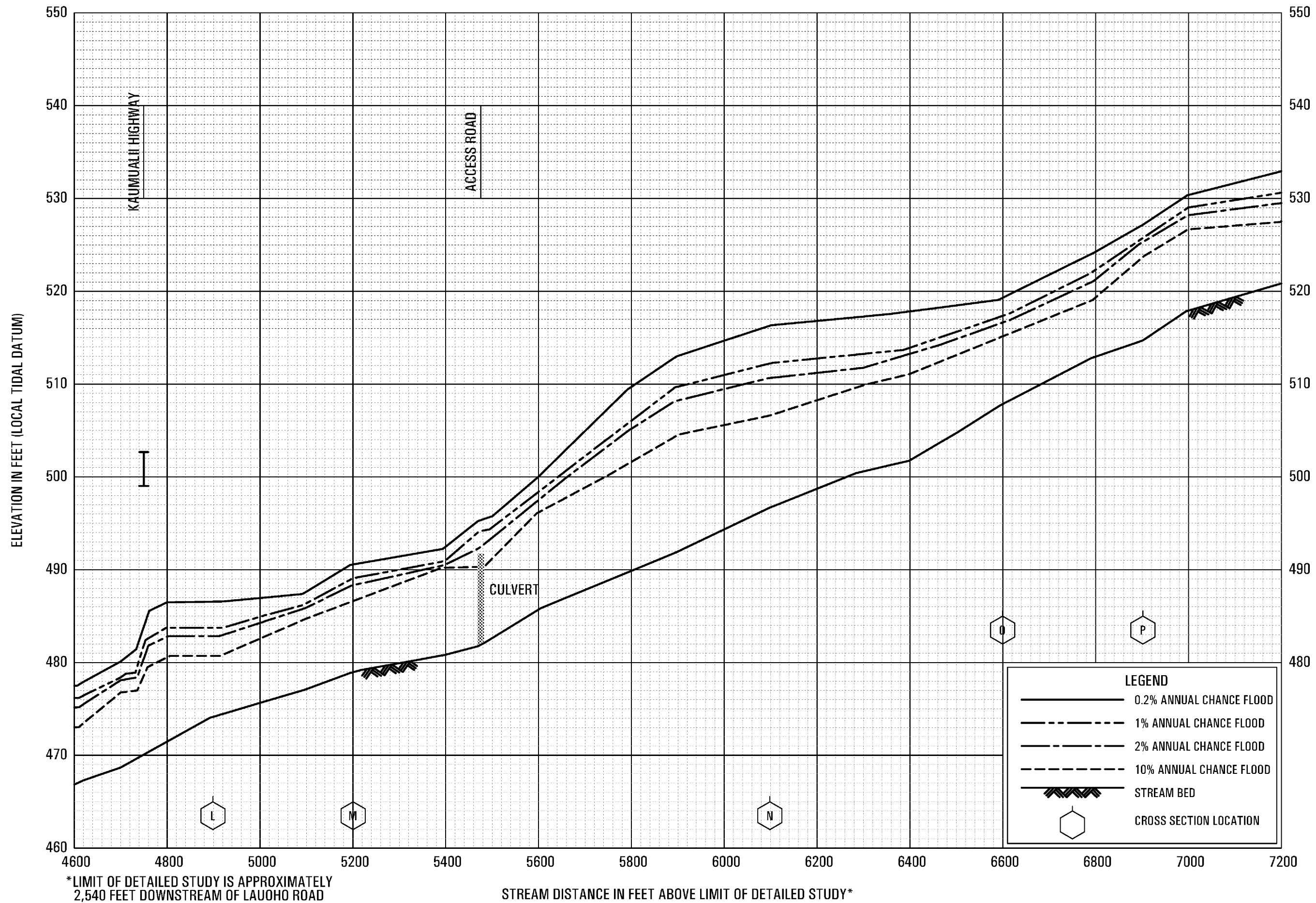


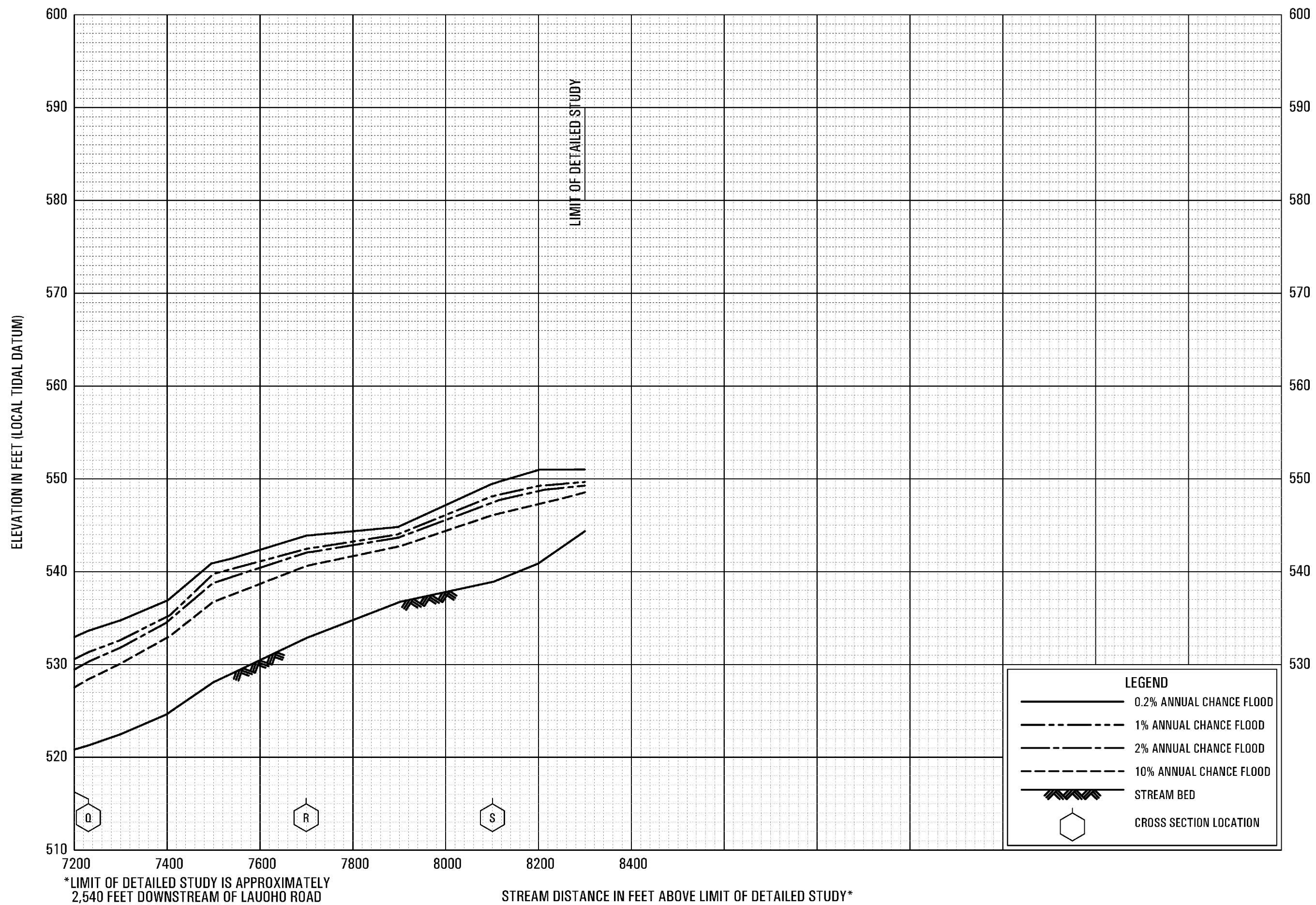


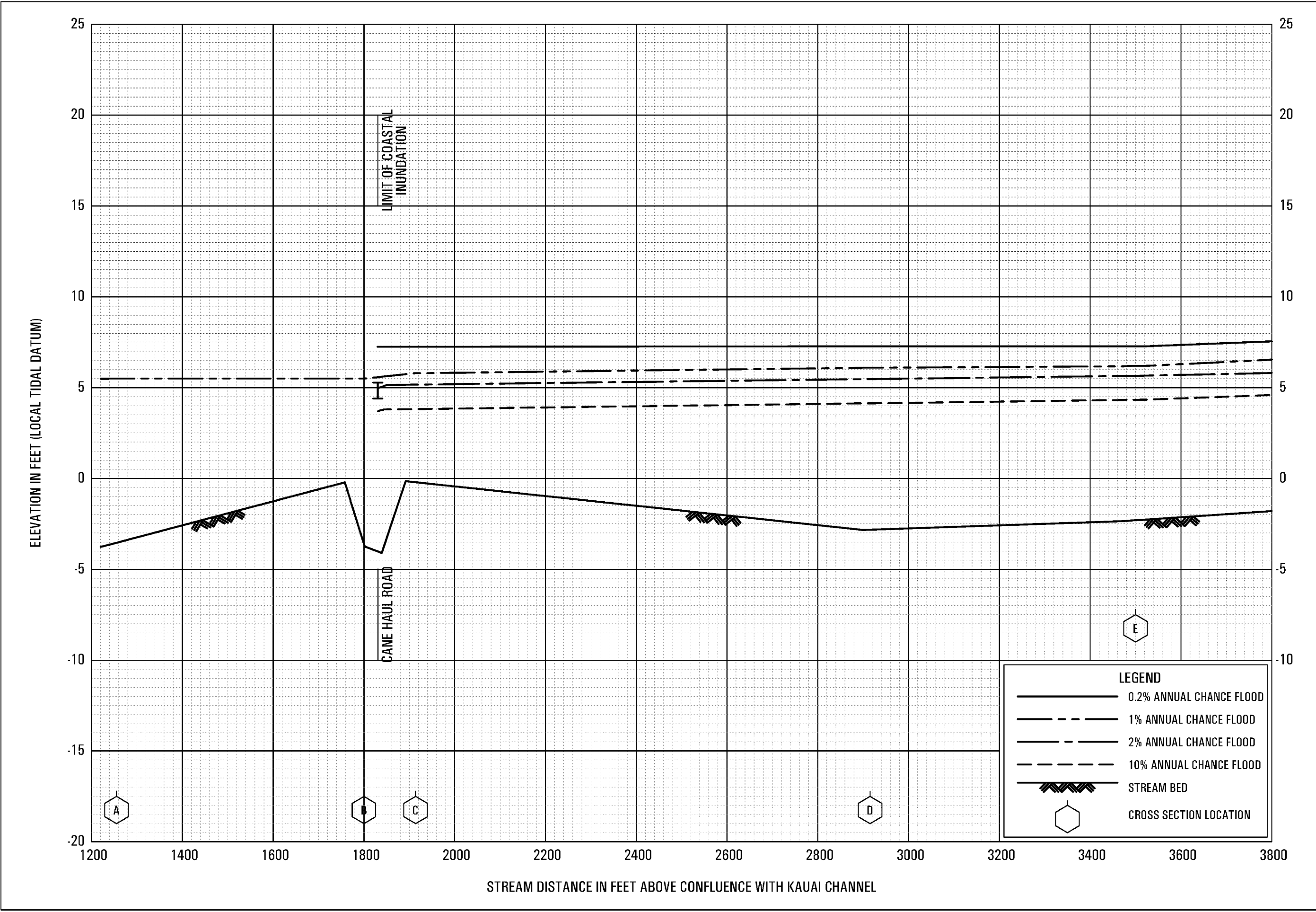








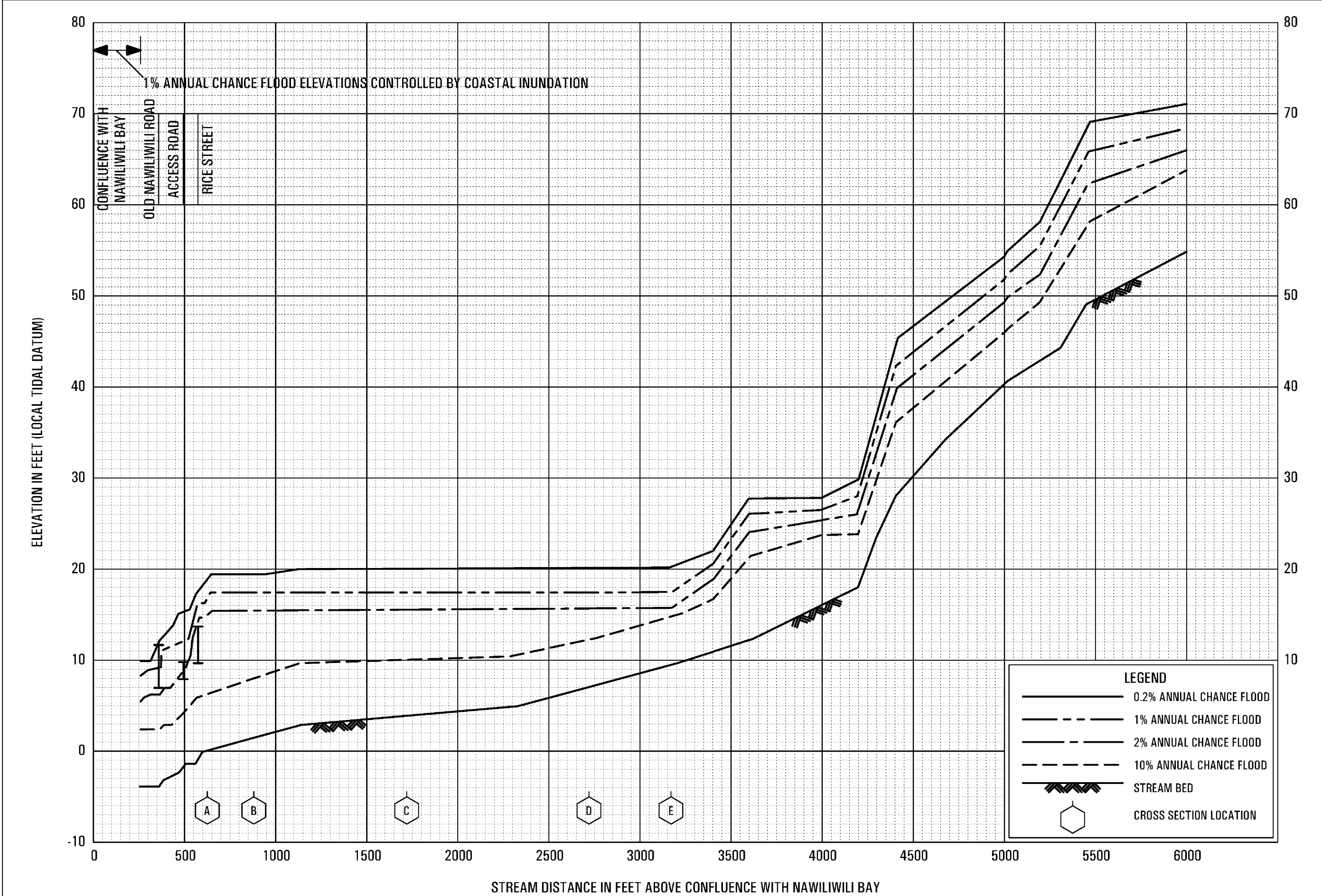




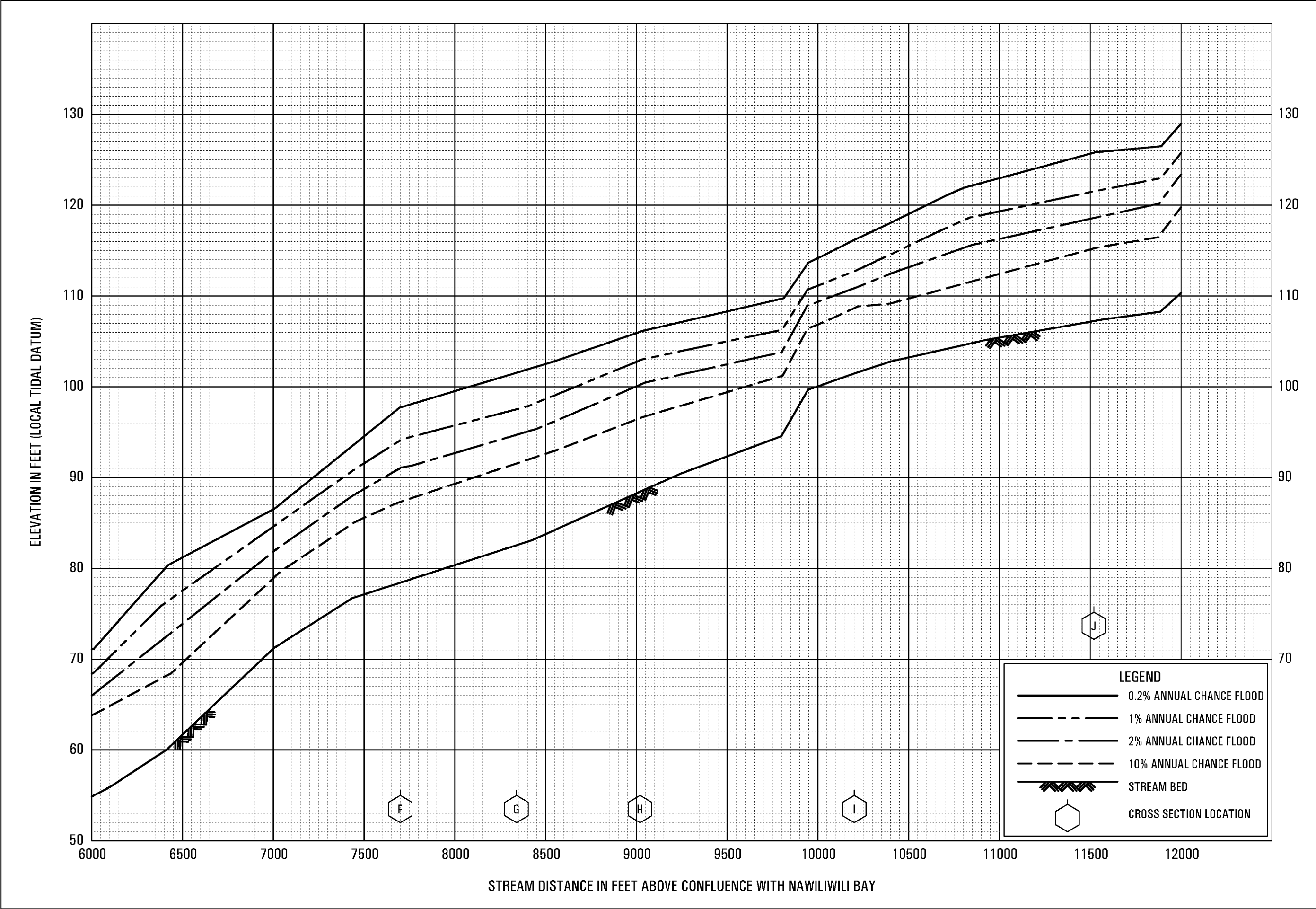


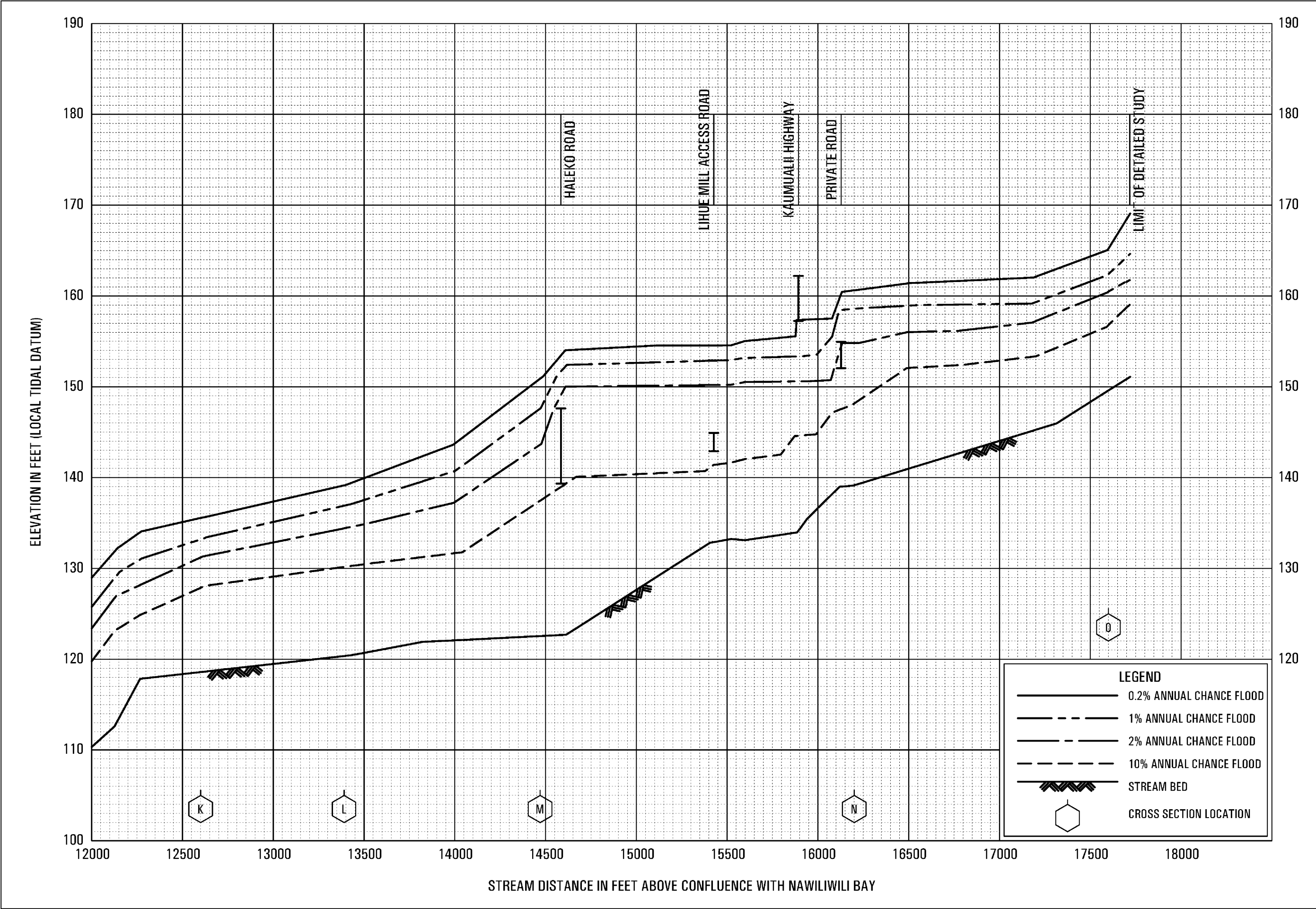


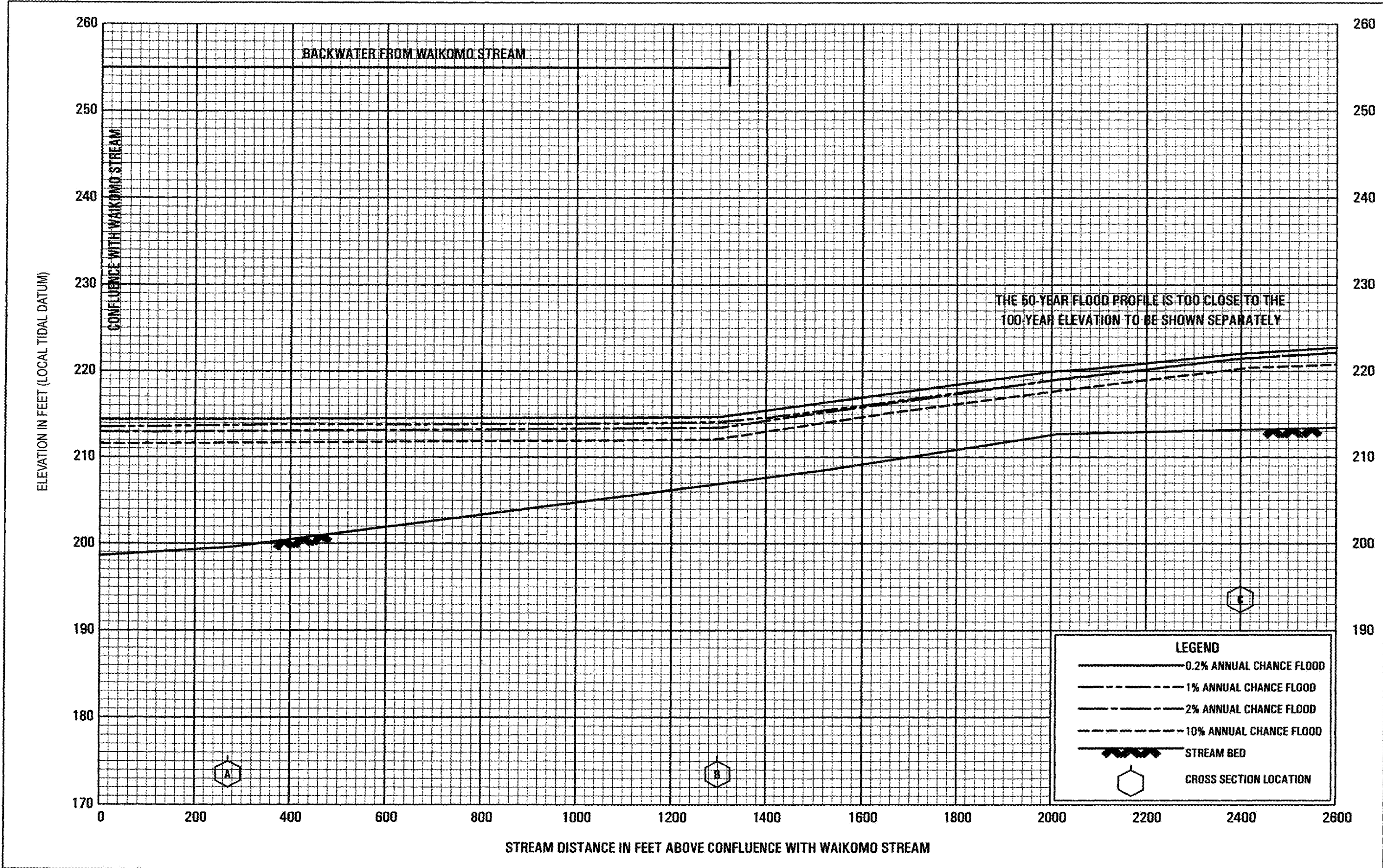




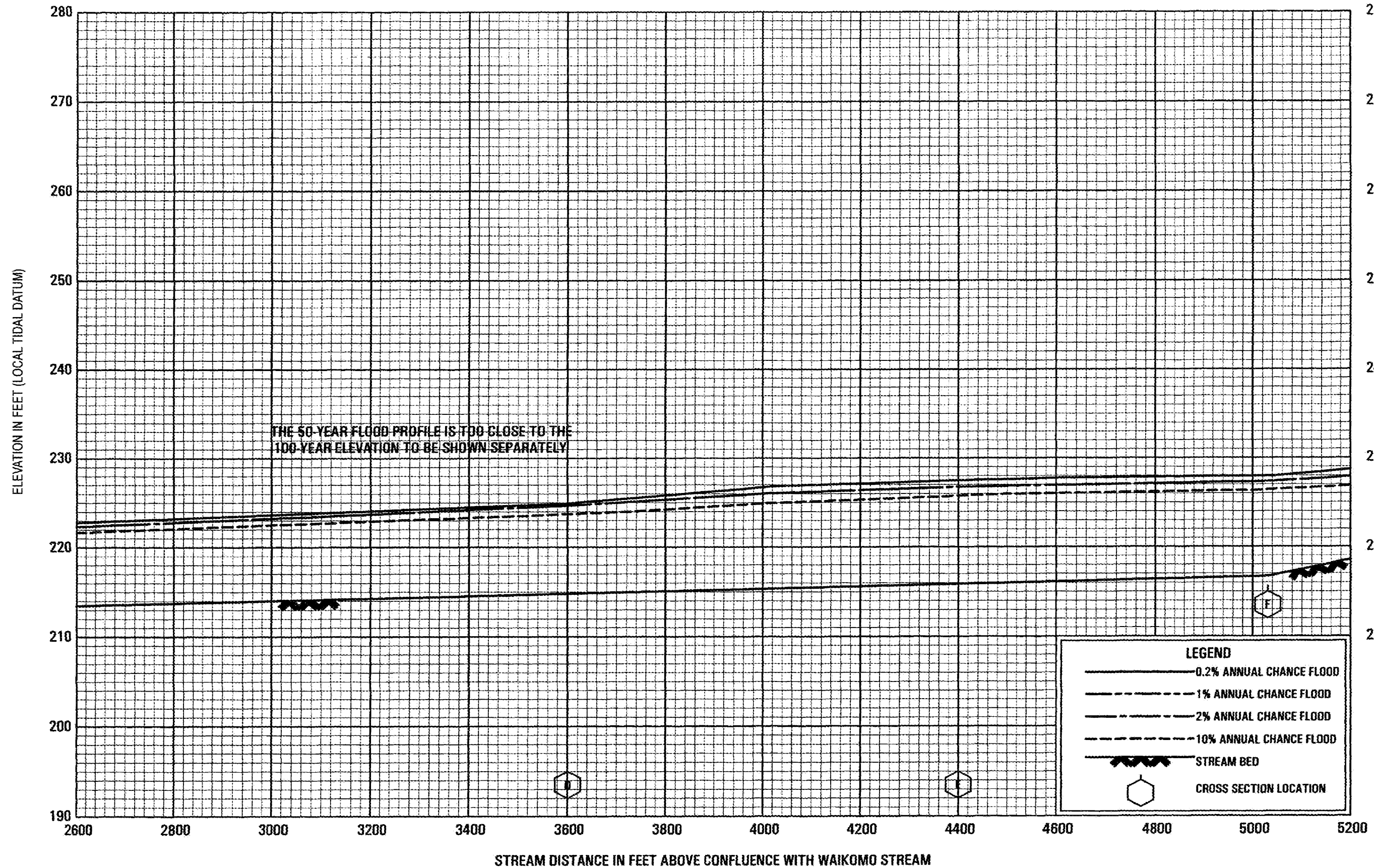










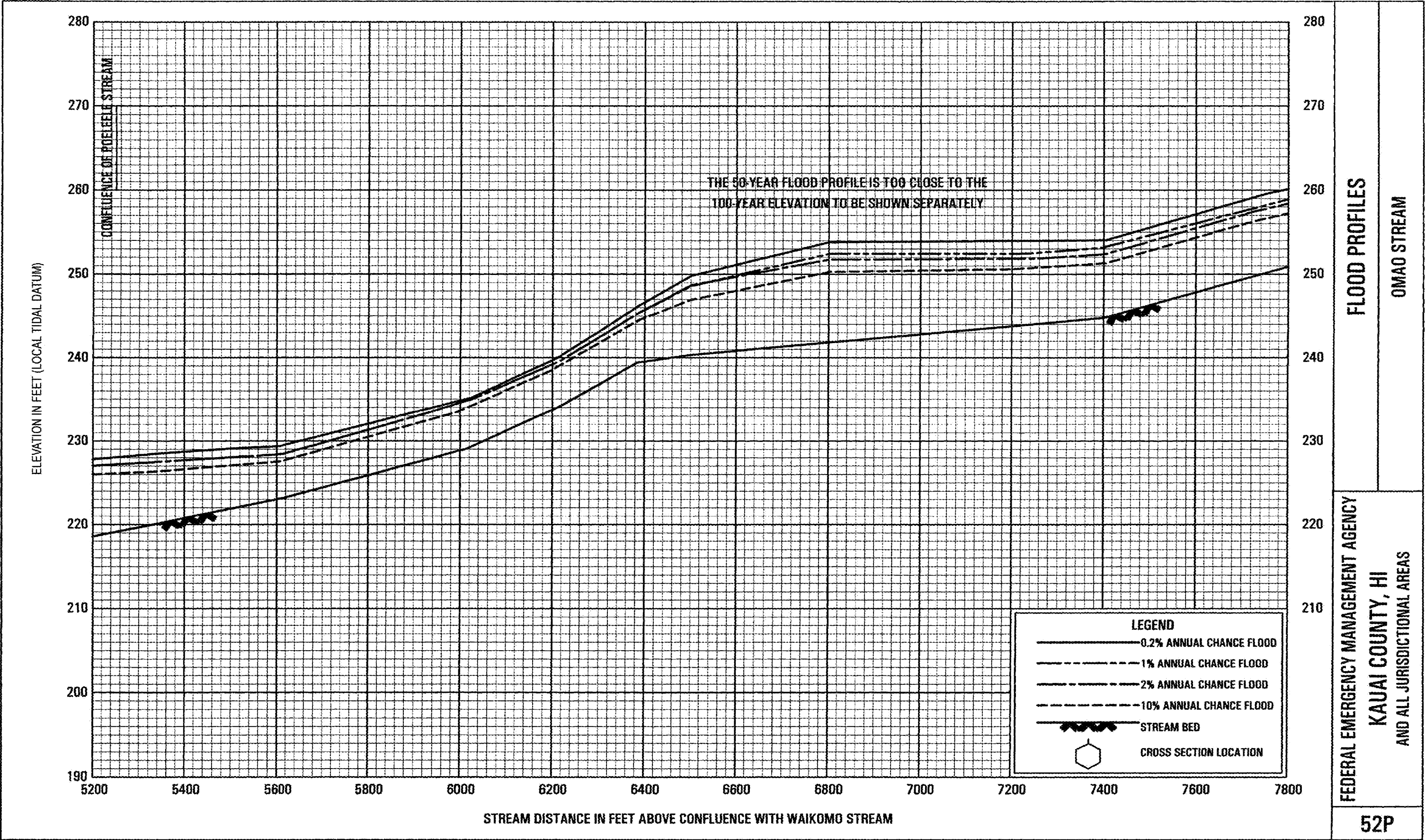


FLOOD PROFILES

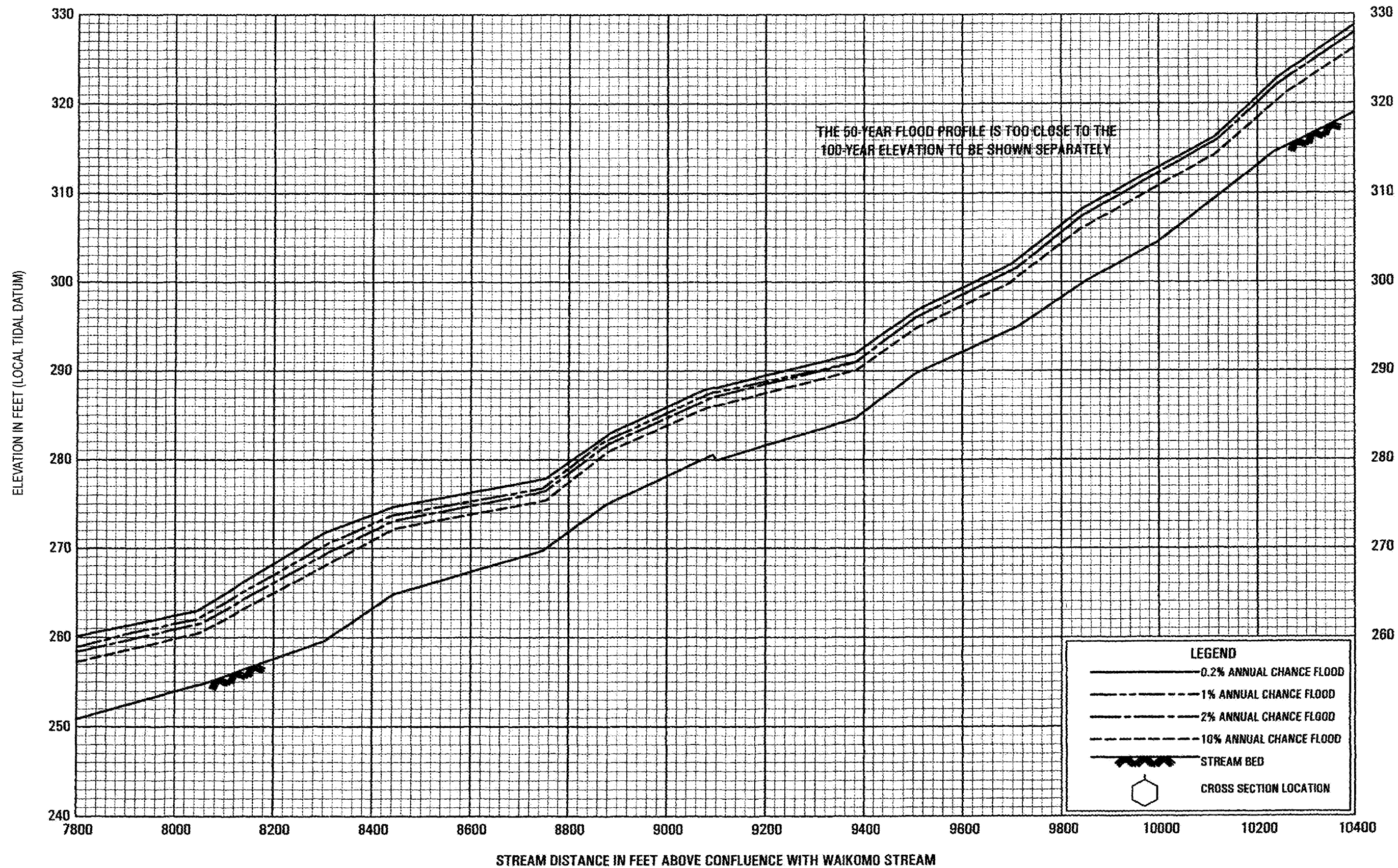
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FEDERAL EMERGENCY MANAGEMENT AGENCY

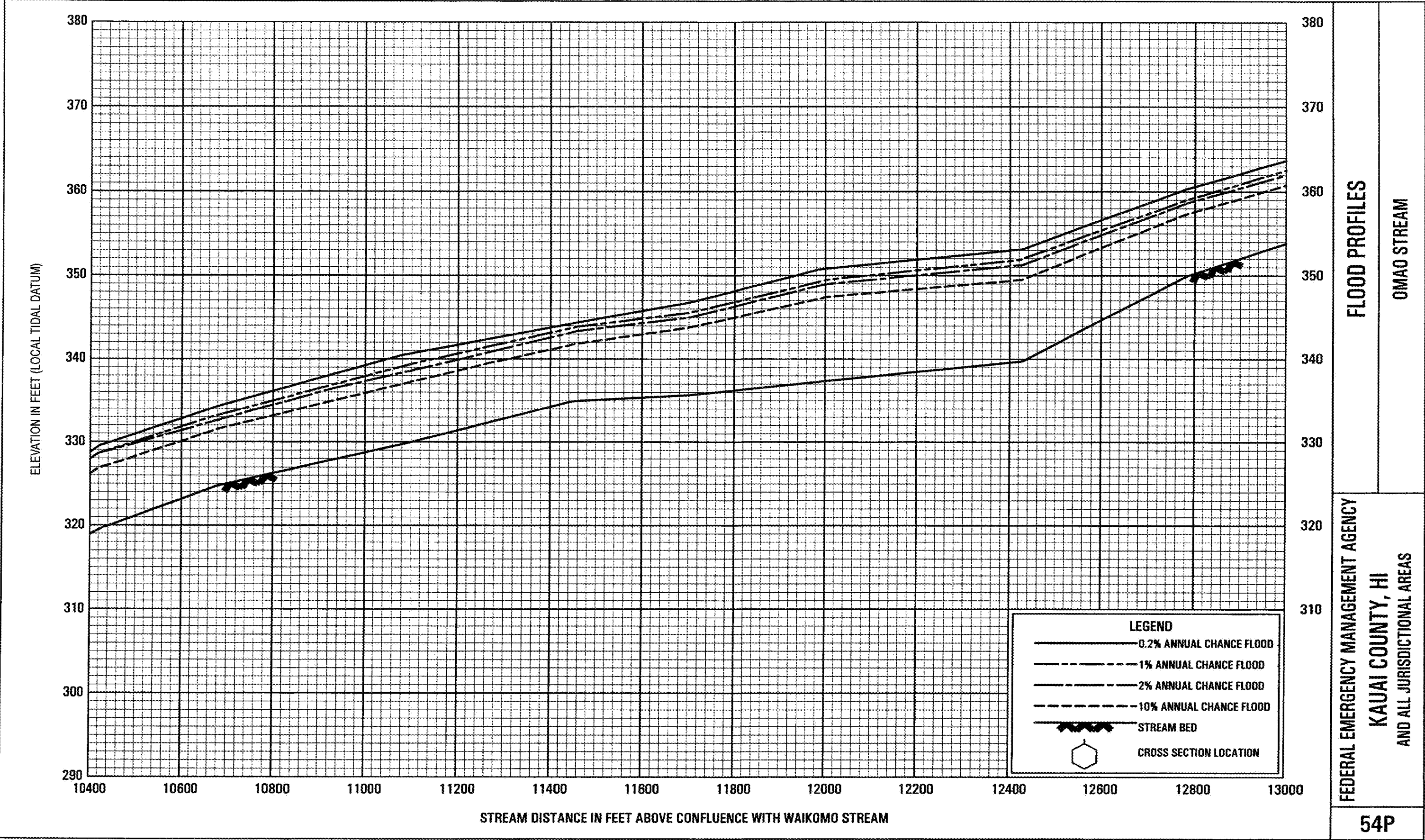
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

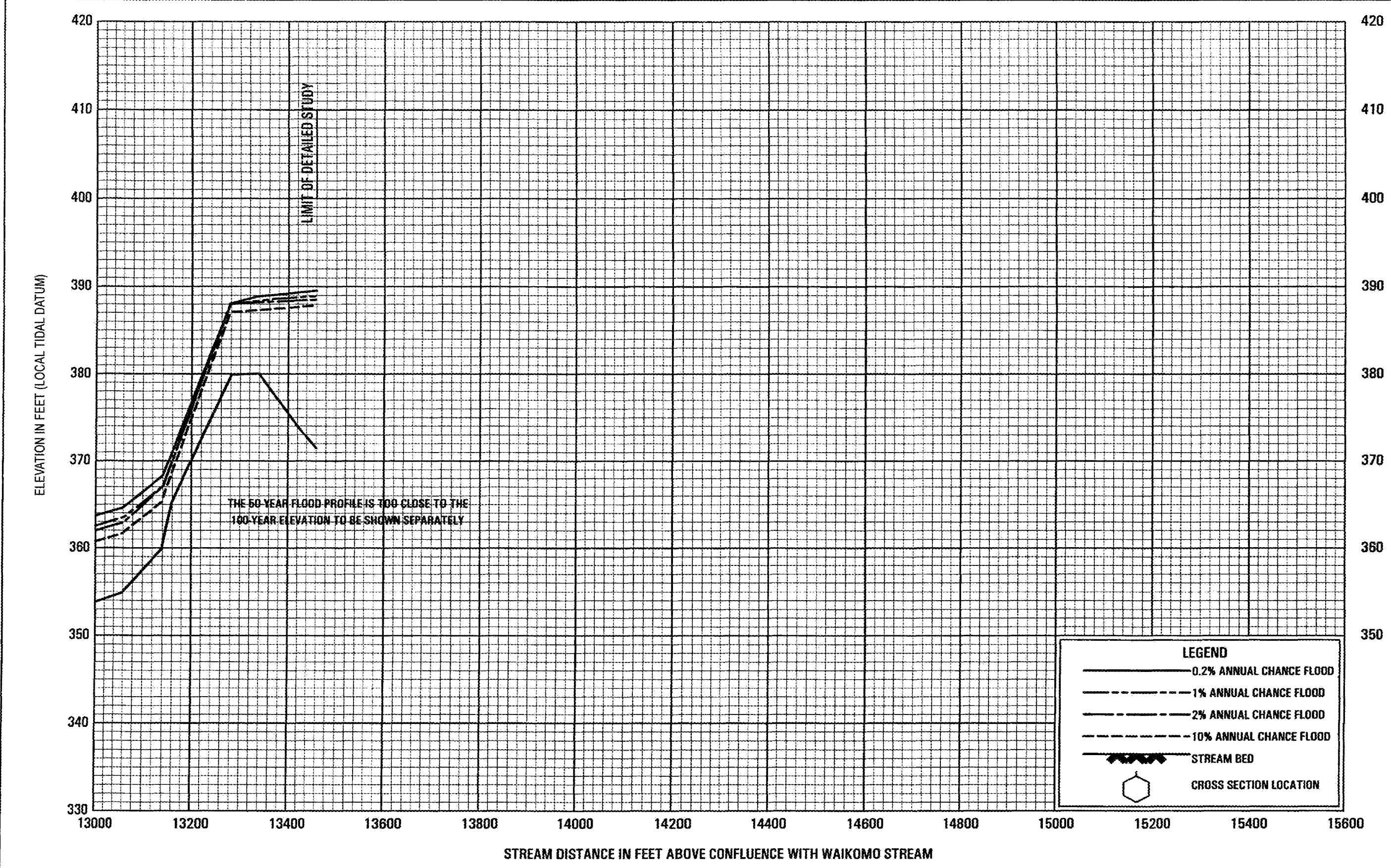


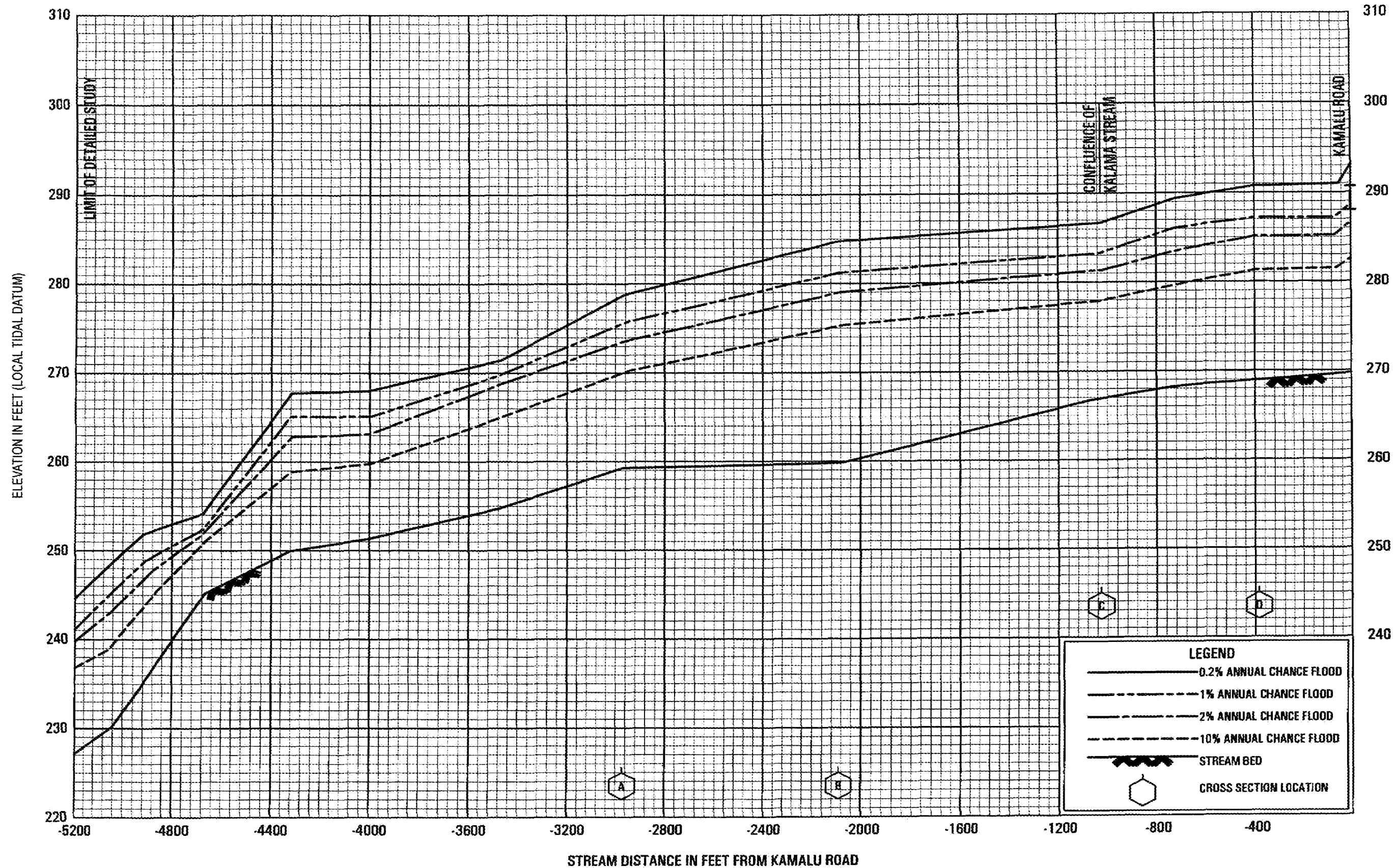












# FLOOD PROFILES

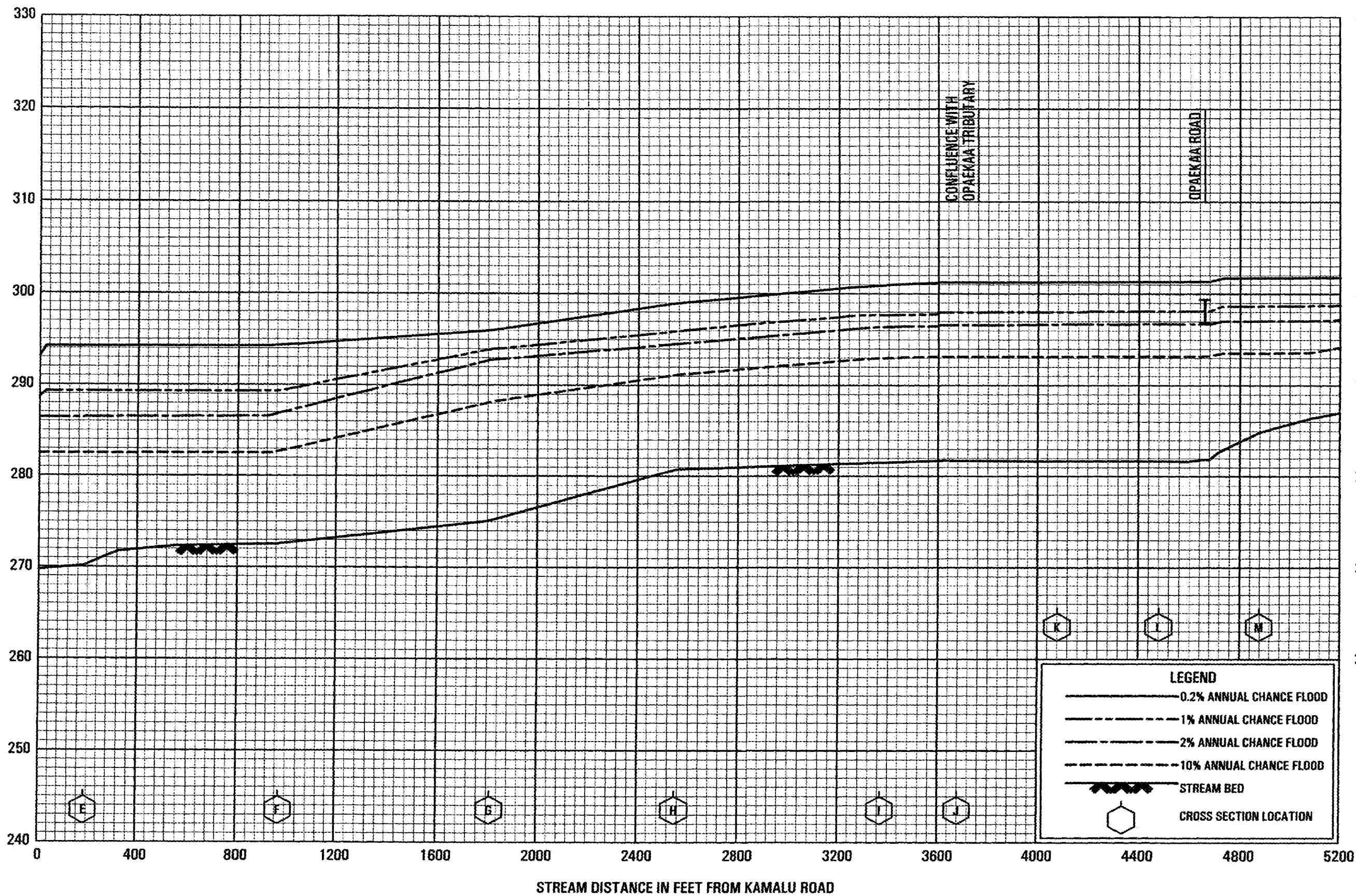
OPAEEKAA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

56P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



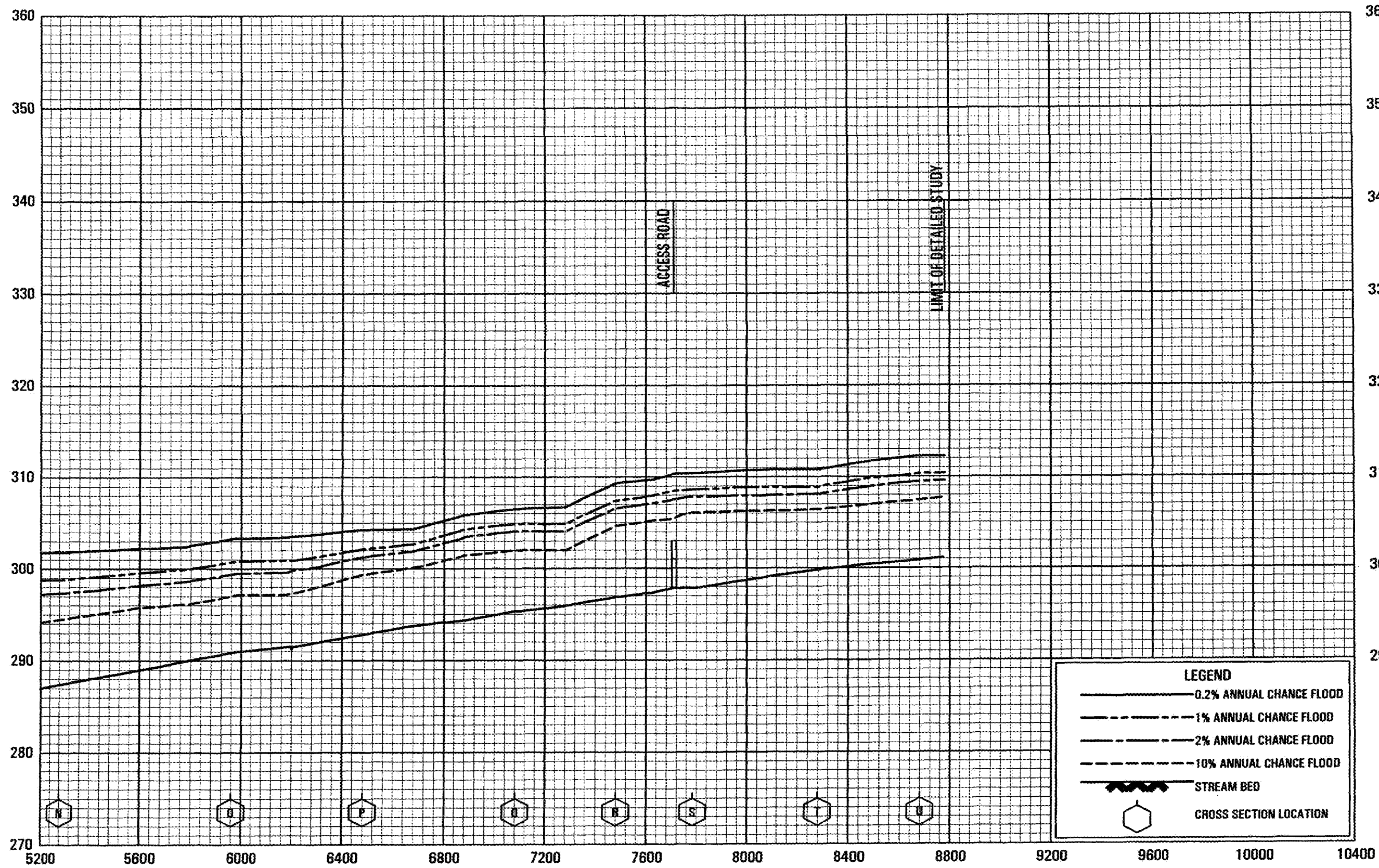
FLOOD PROFILES

OPAEEKAA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

57P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



**LEGEND**

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

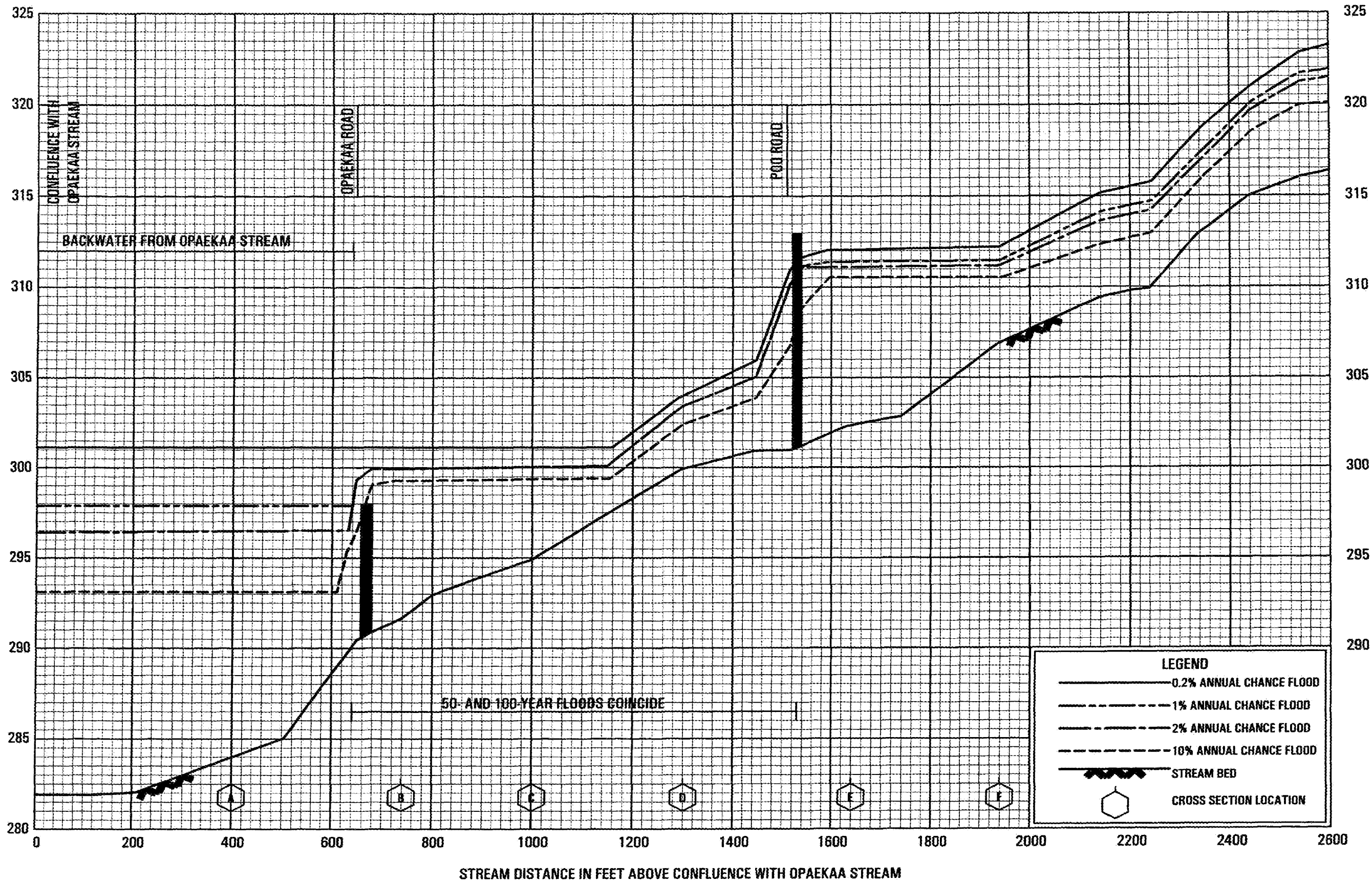
FLOOD PROFILES

OPAEEKAA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS



ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

OPAEKAA TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

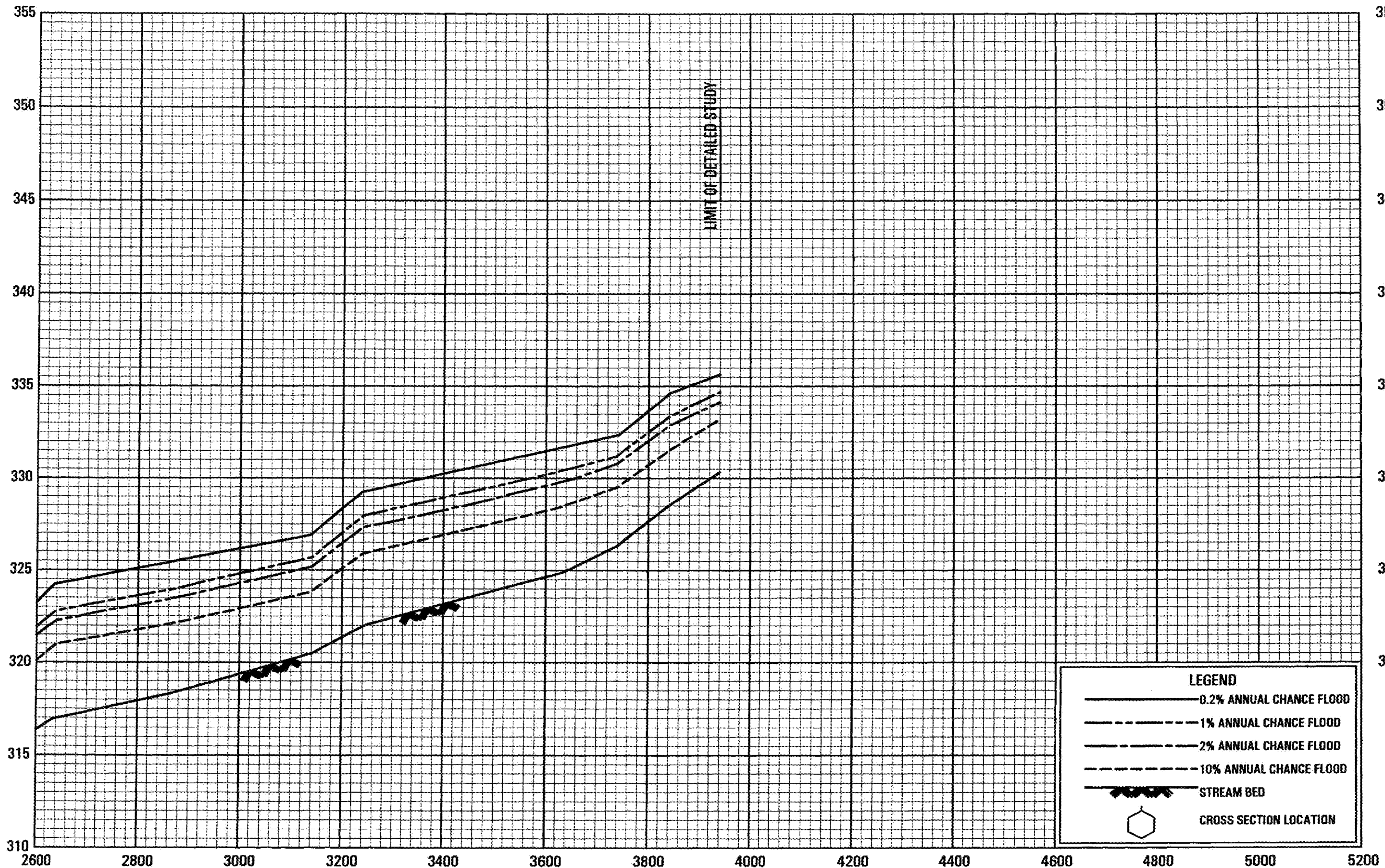
KAUAI COUNTY, HI

AND ALL JURISDICTIONAL AREAS

59P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH OPAEKAA STREAM

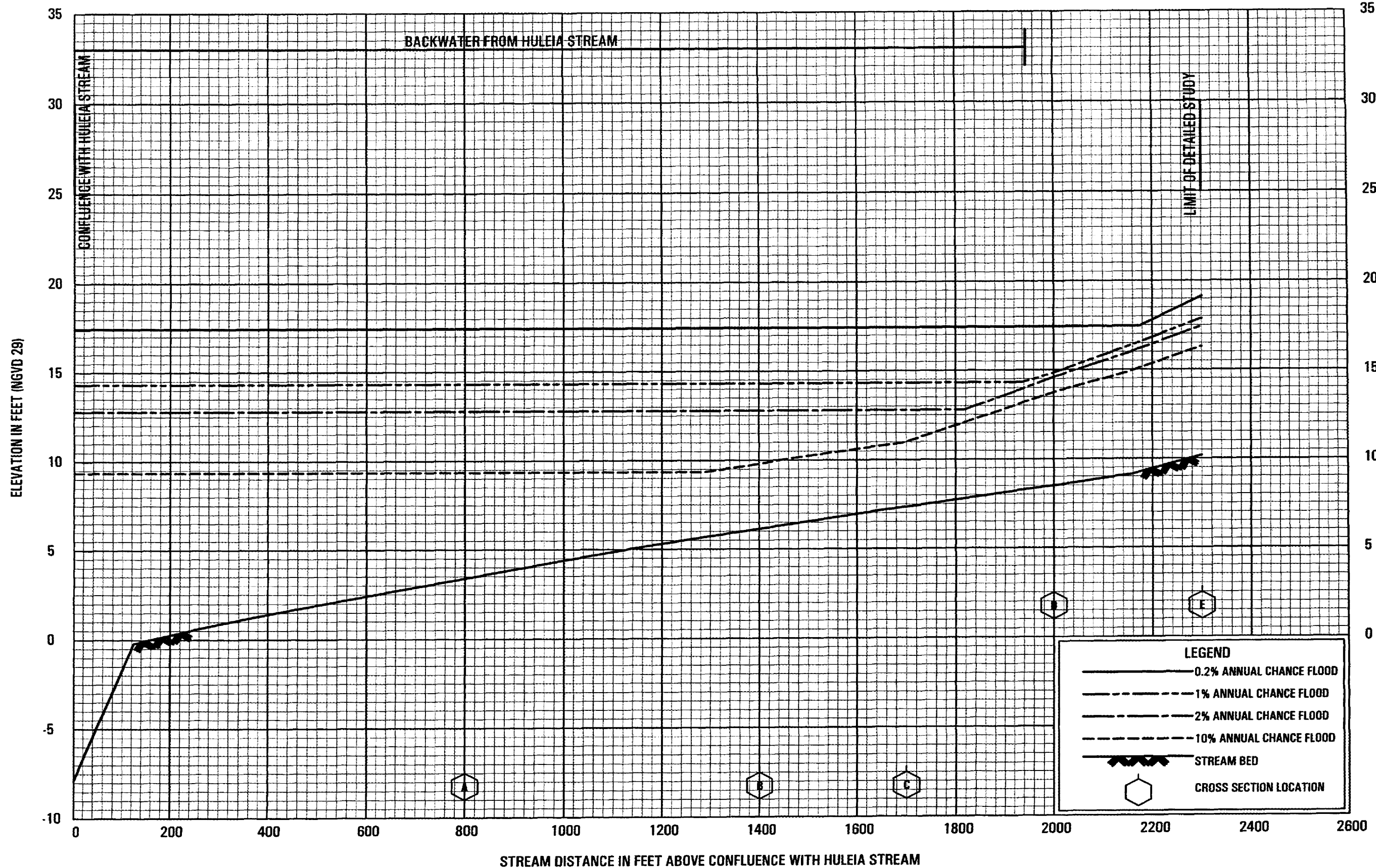
FLOOD PROFILES

OPAEKAA TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

60P



**FLOOD PROFILES**

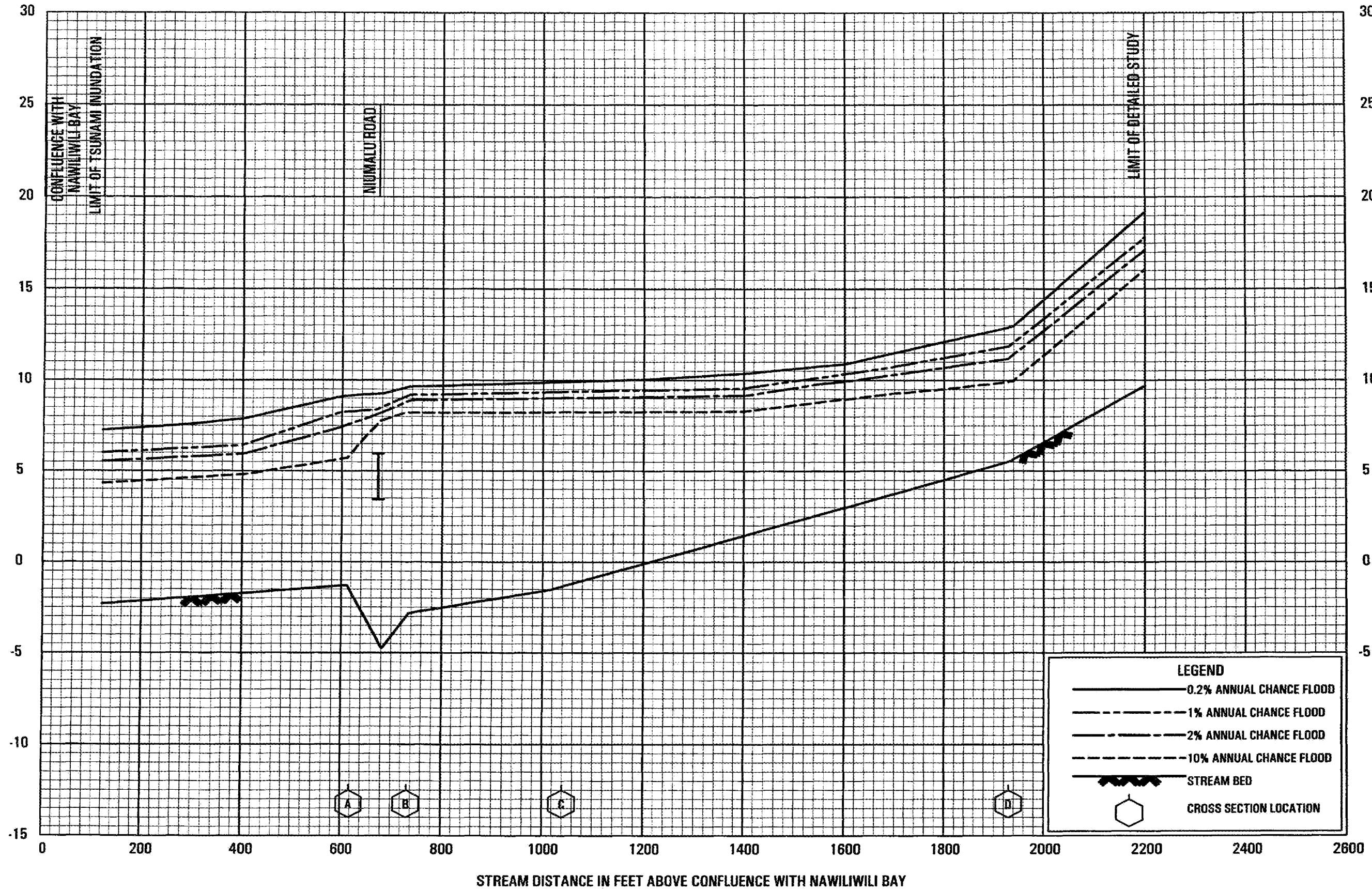
**PAPAKOLEA STREAM**

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**KAUAI COUNTY, HI**  
**AND ALL JURISDICTIONAL AREAS**

**61P**

ELEVATION IN FEET (LOCAL TIDAL DATUM)



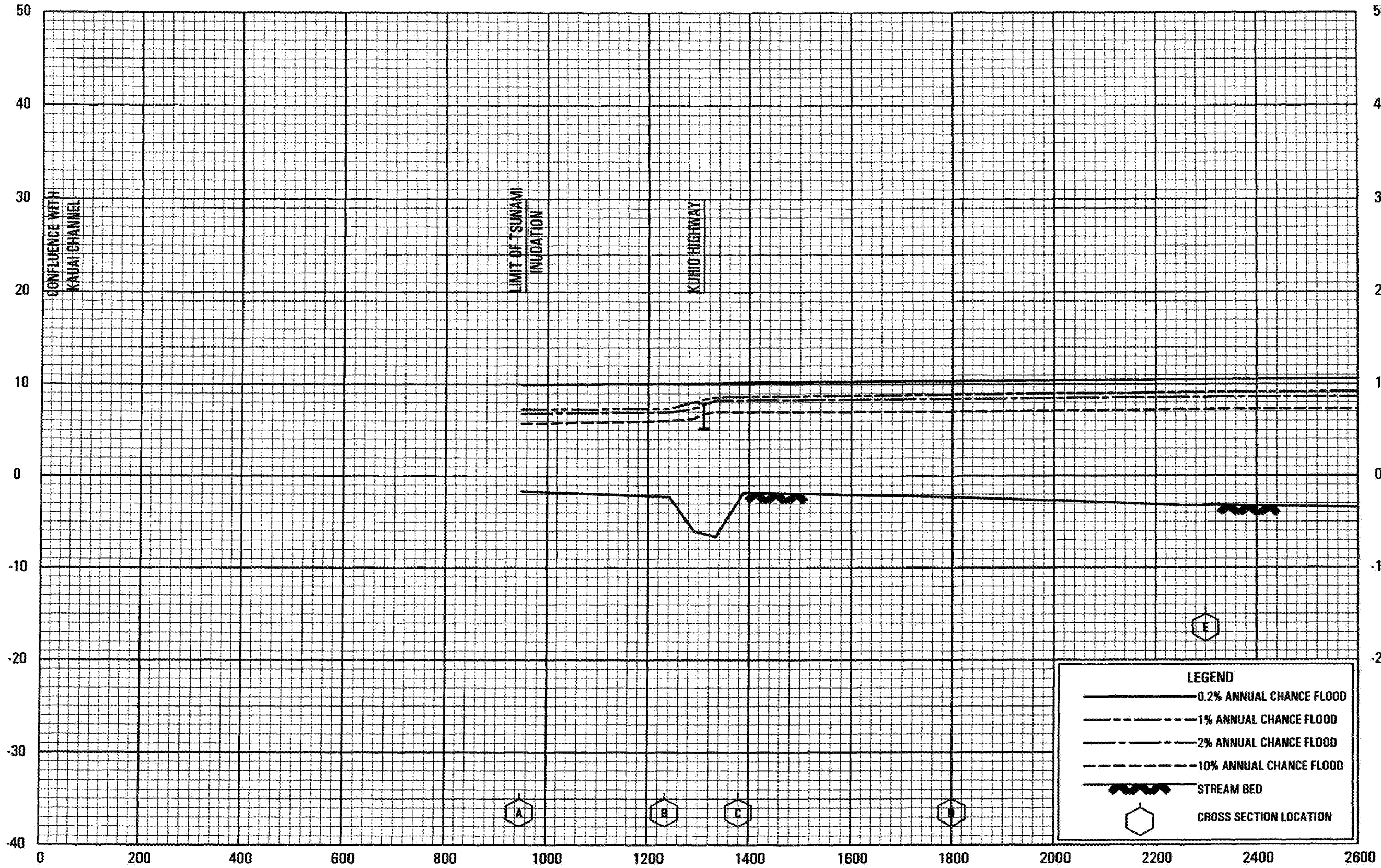
FLOOD PROFILES

PUALI STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PACIFIC OCEAN

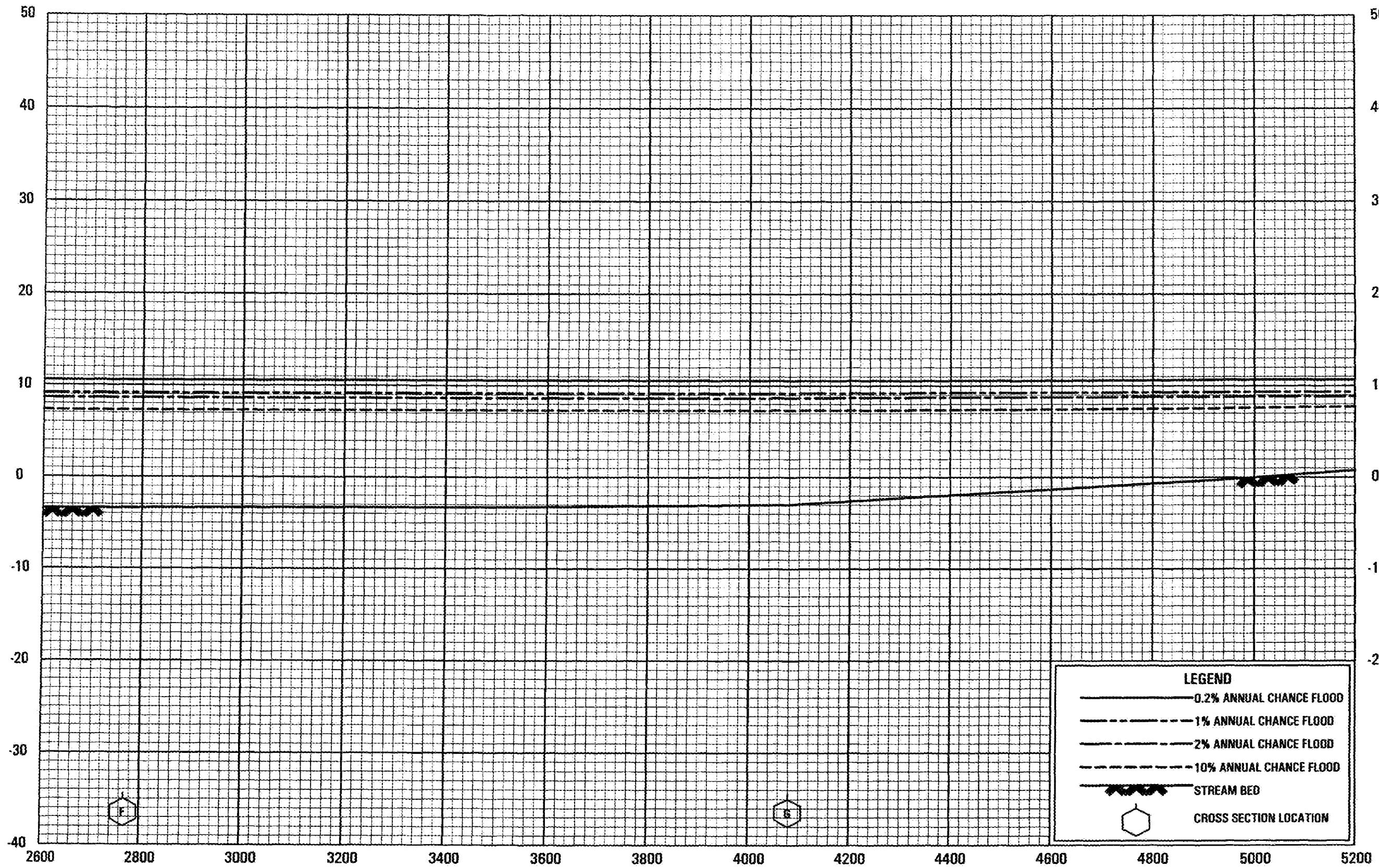
FLOOD PROFILES

WAIKAEA CANAL

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PACIFIC OCEAN

FLOOD PROFILES

WAIKAEA CANAL

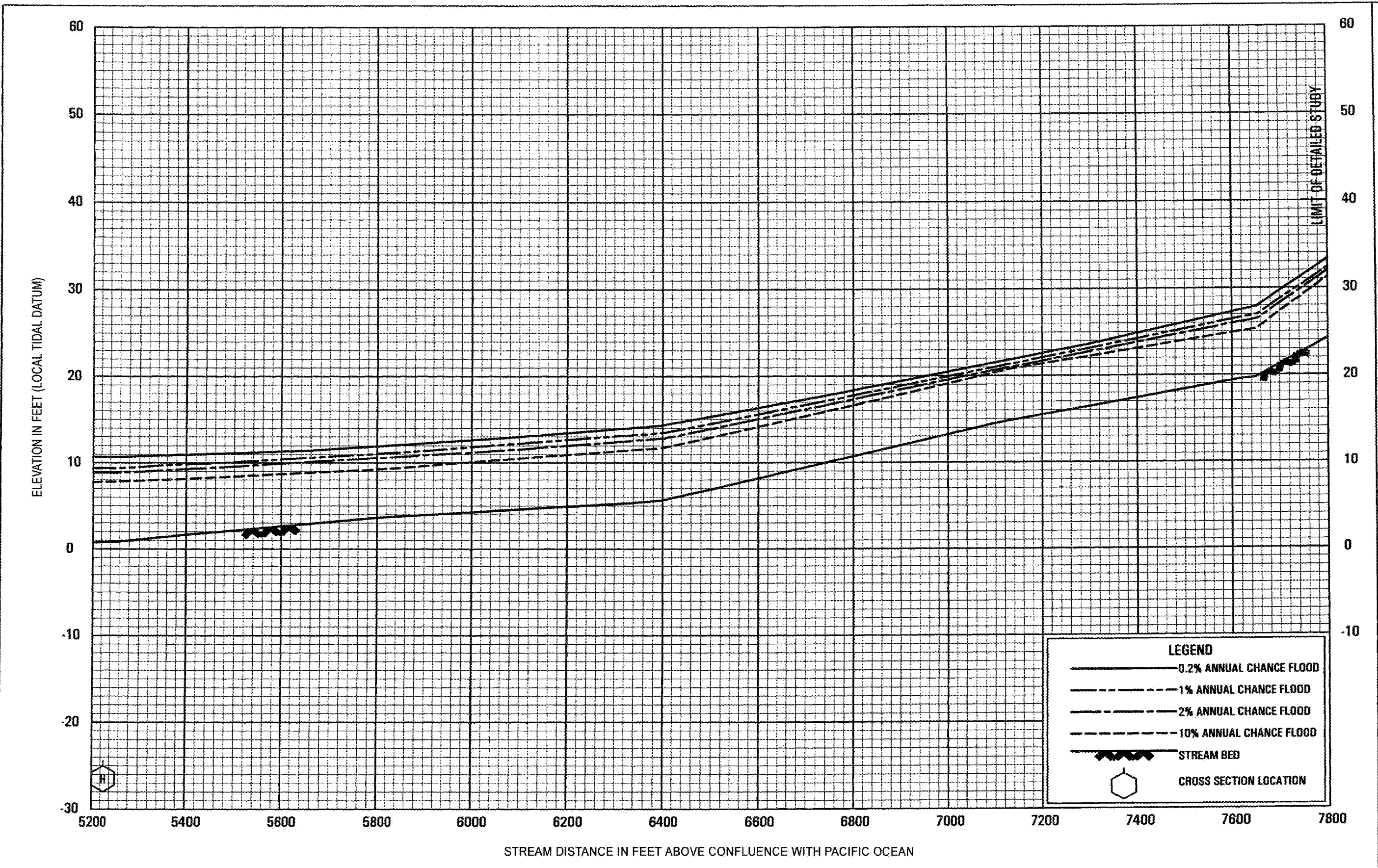
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

AND ALL JURISDICTIONAL AREAS

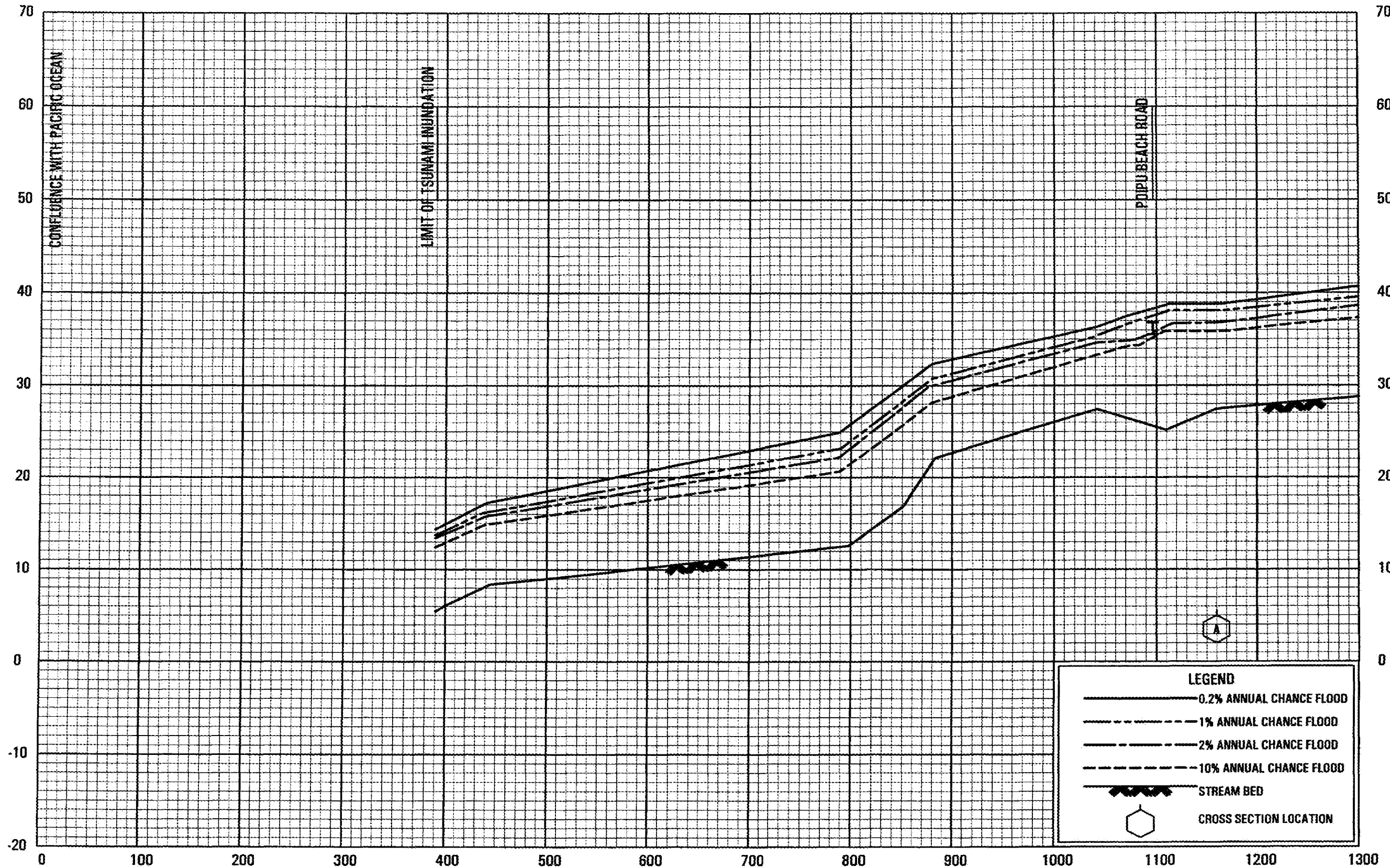
64P







ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

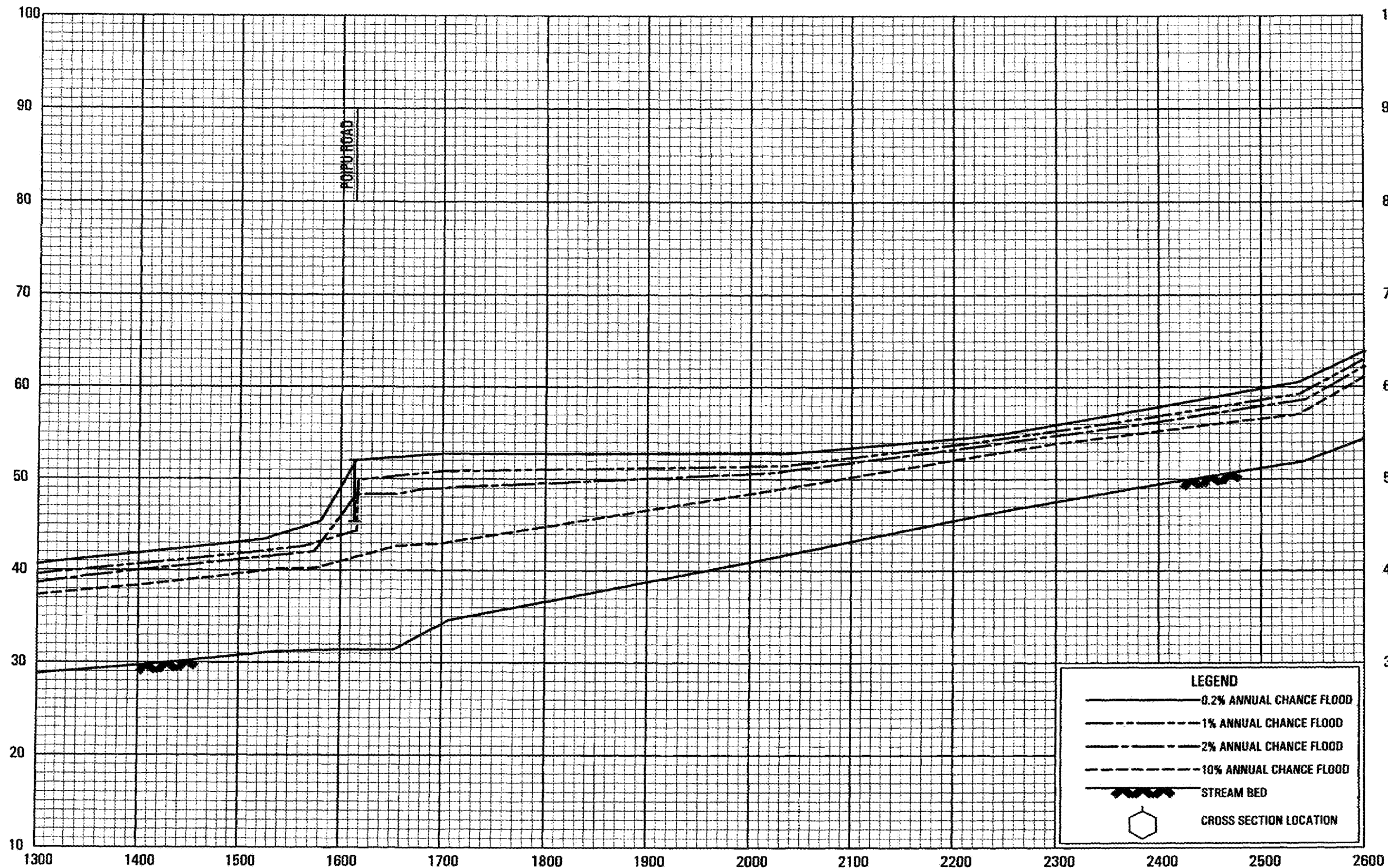
WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

66P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PACIFIC OCEAN

FLOOD PROFILES

WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

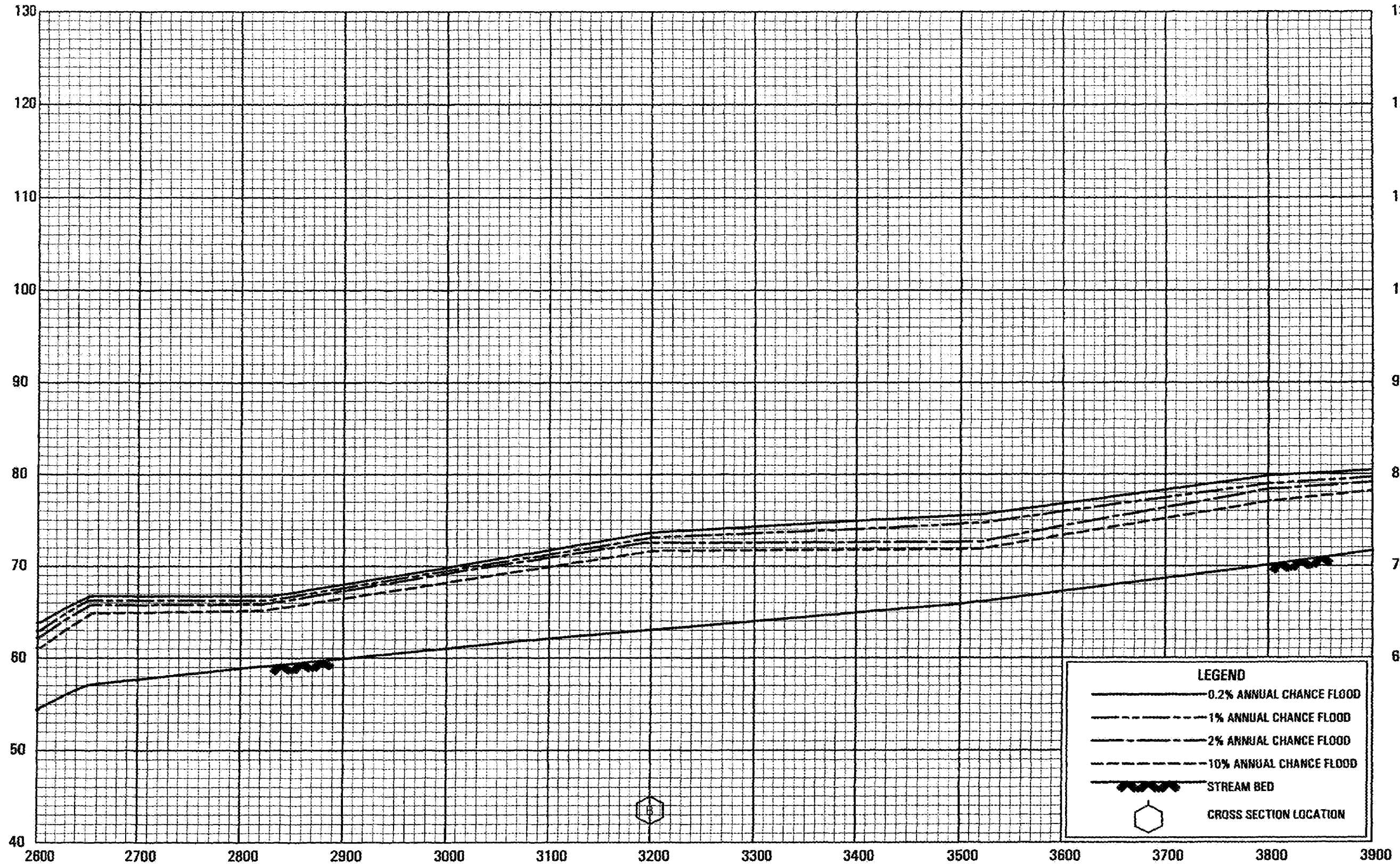
KAUAI COUNTY, HI

AND ALL JURISDICTIONAL AREAS

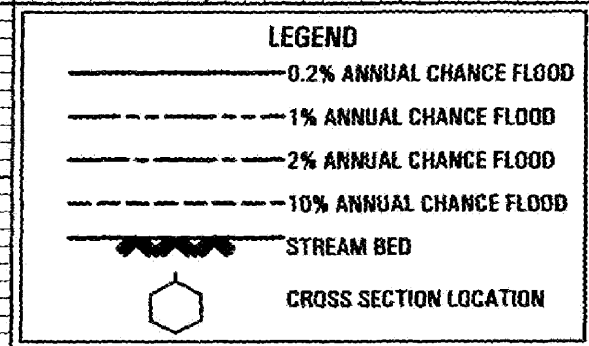
67P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PACIFIC OCEAN



FLOOD PROFILES

WAIKOMO STREAM

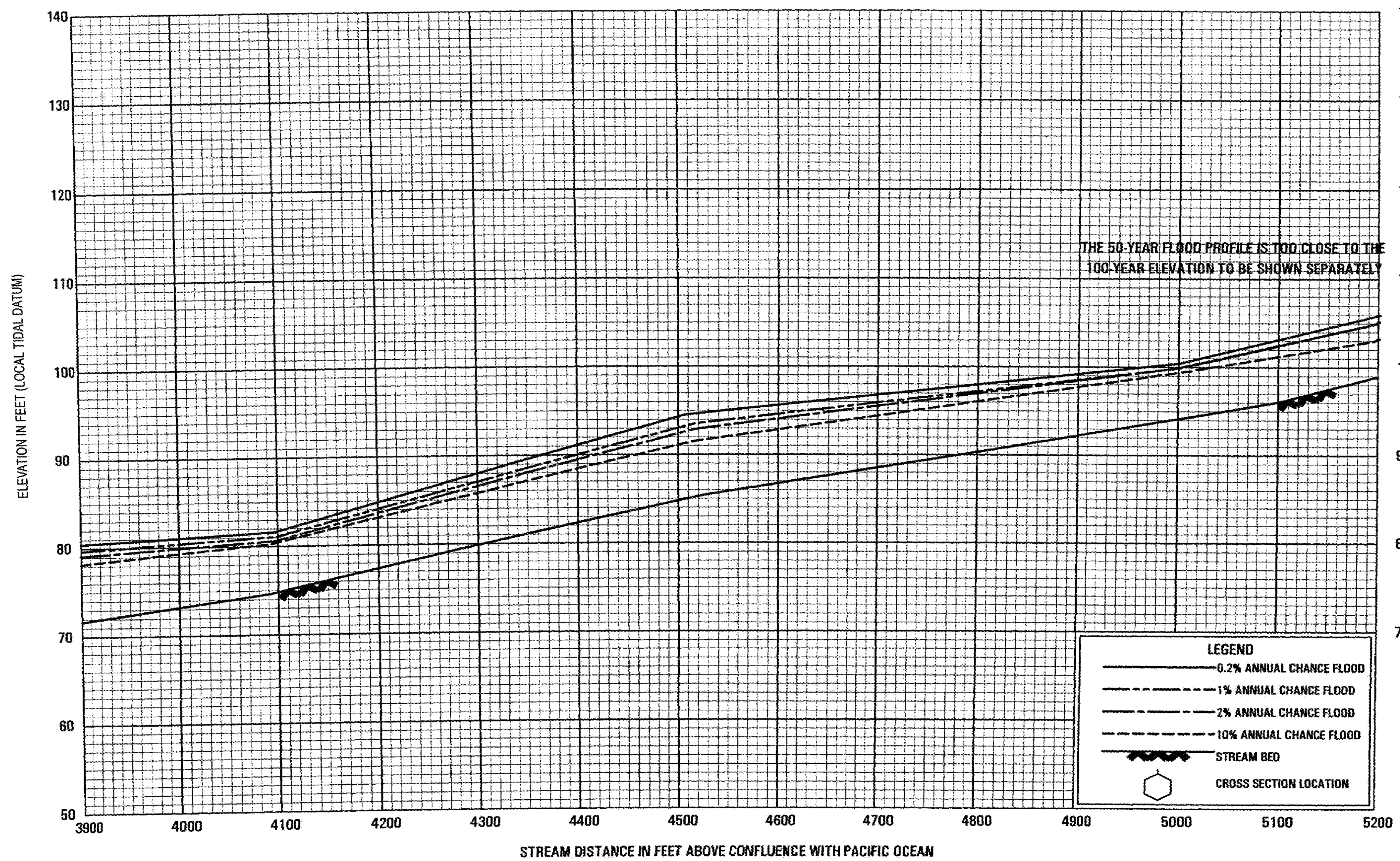
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

AND ALL JURISDICTIONAL AREAS

68P





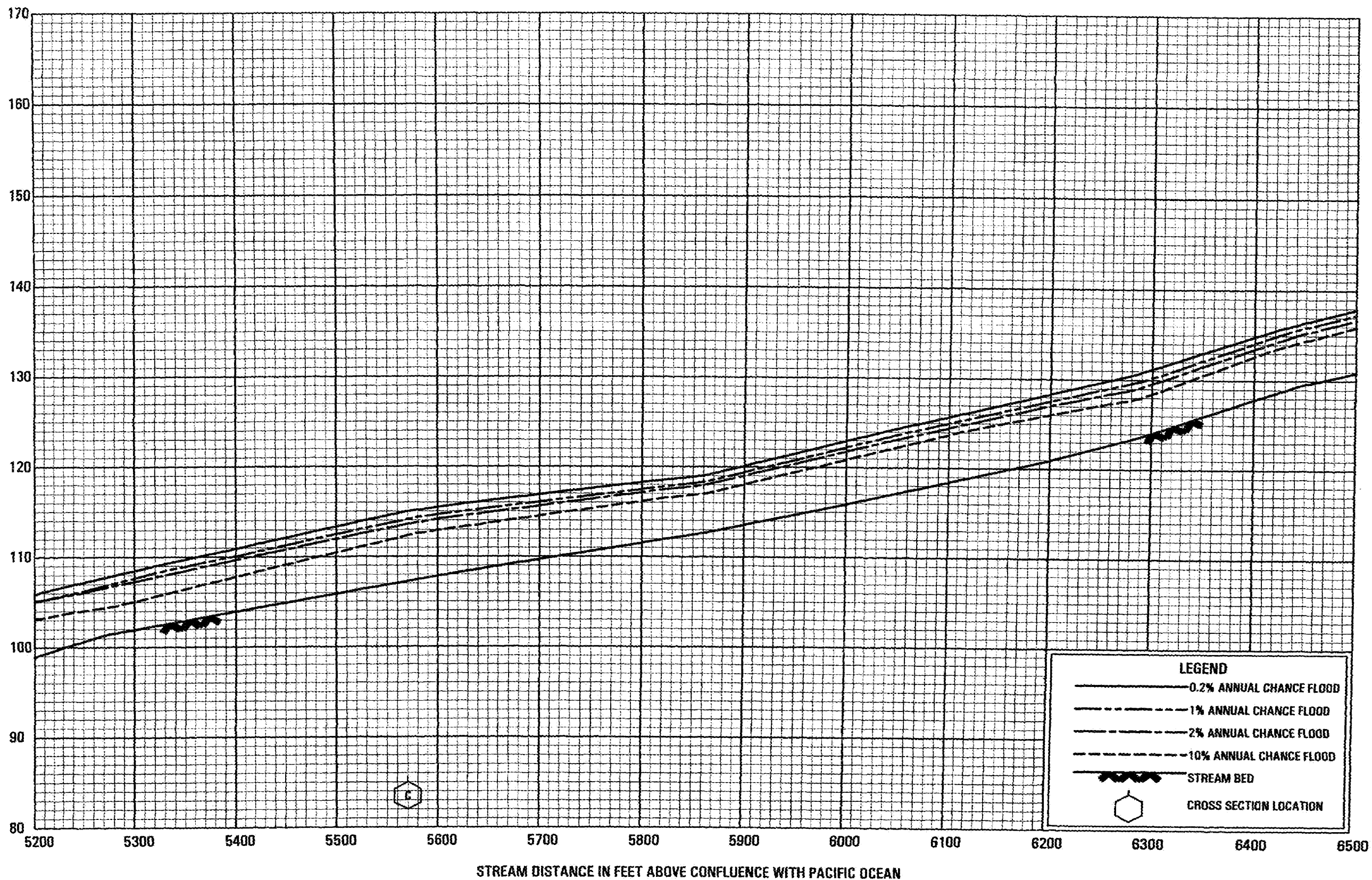
FLOOD PROFILES

WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

69P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

WAIKOMO STREAM

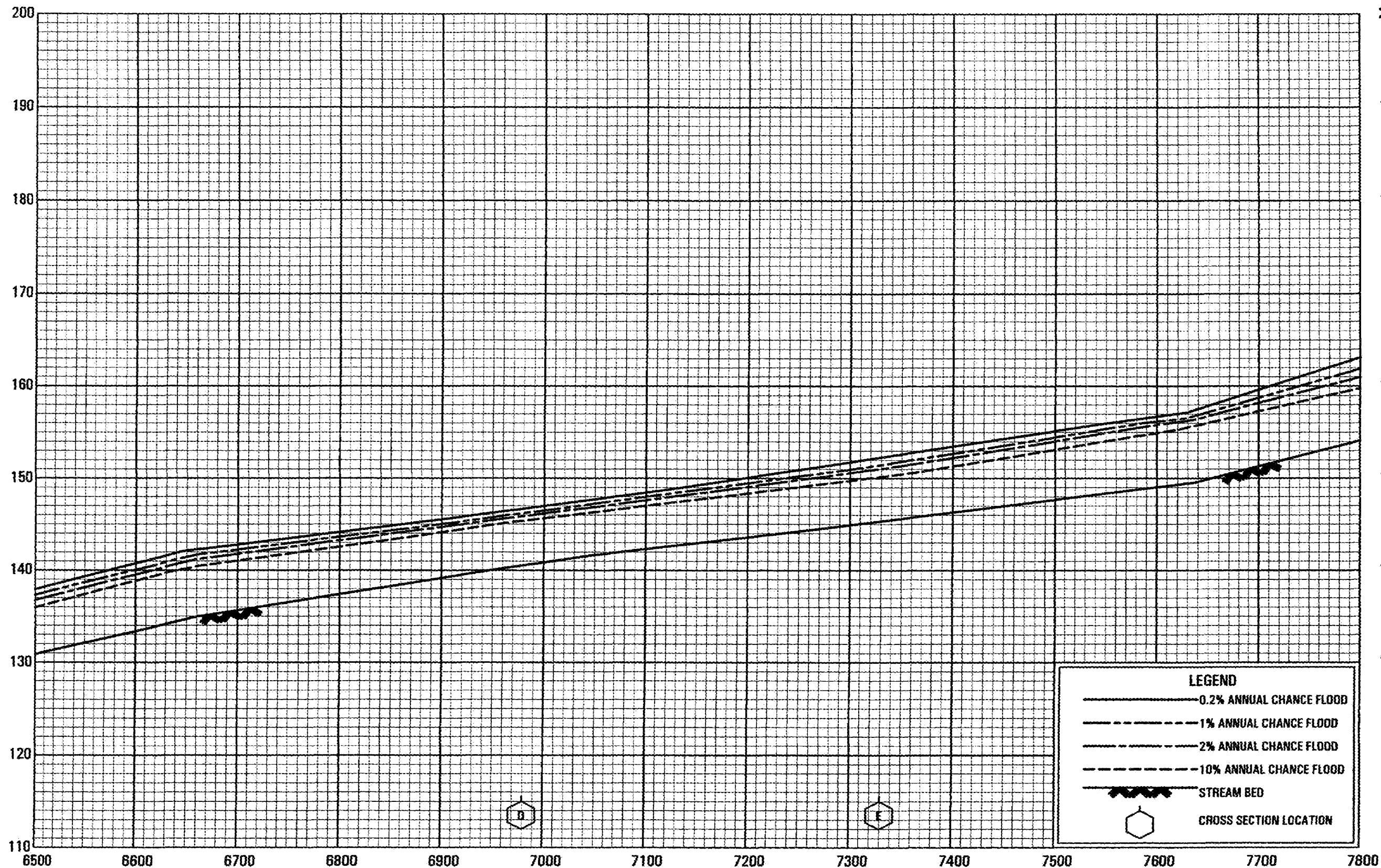
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

70P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PACIFIC OCEAN

FLOOD PROFILES

WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

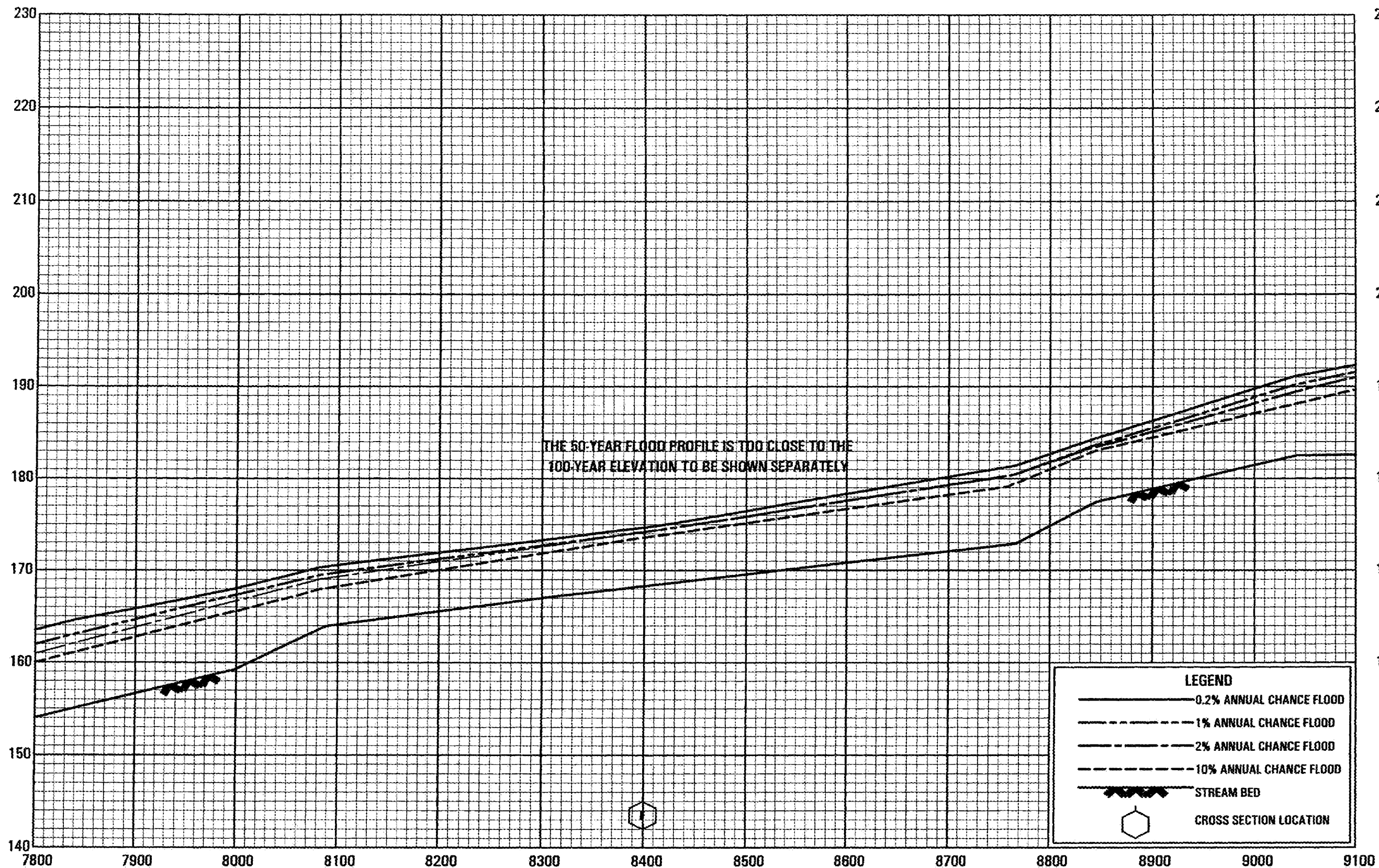
KAUAI COUNTY, HI

AND ALL JURISDICTIONAL AREAS

71P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PACIFIC OCEAN

FLOOD PROFILES

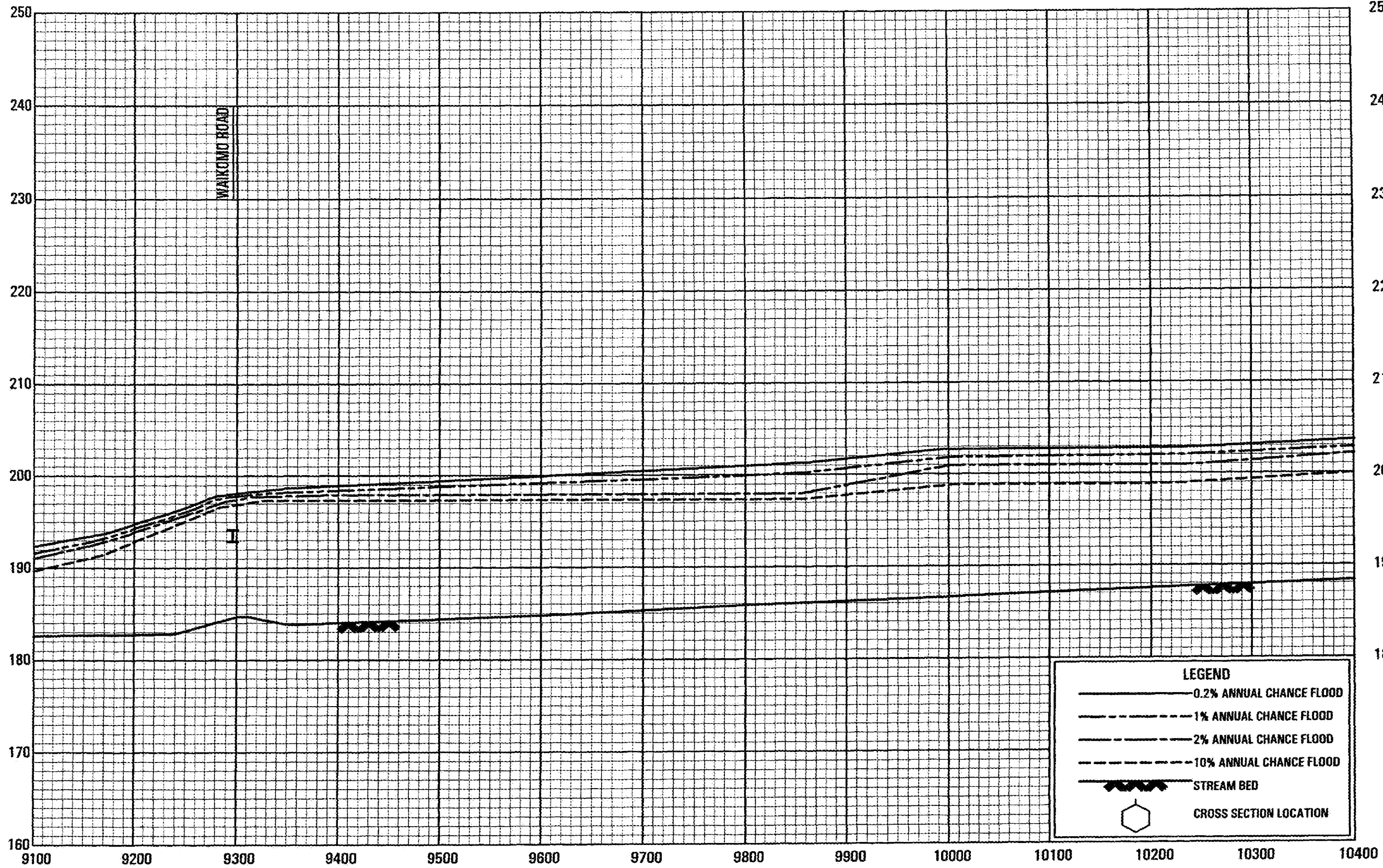
WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

72P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

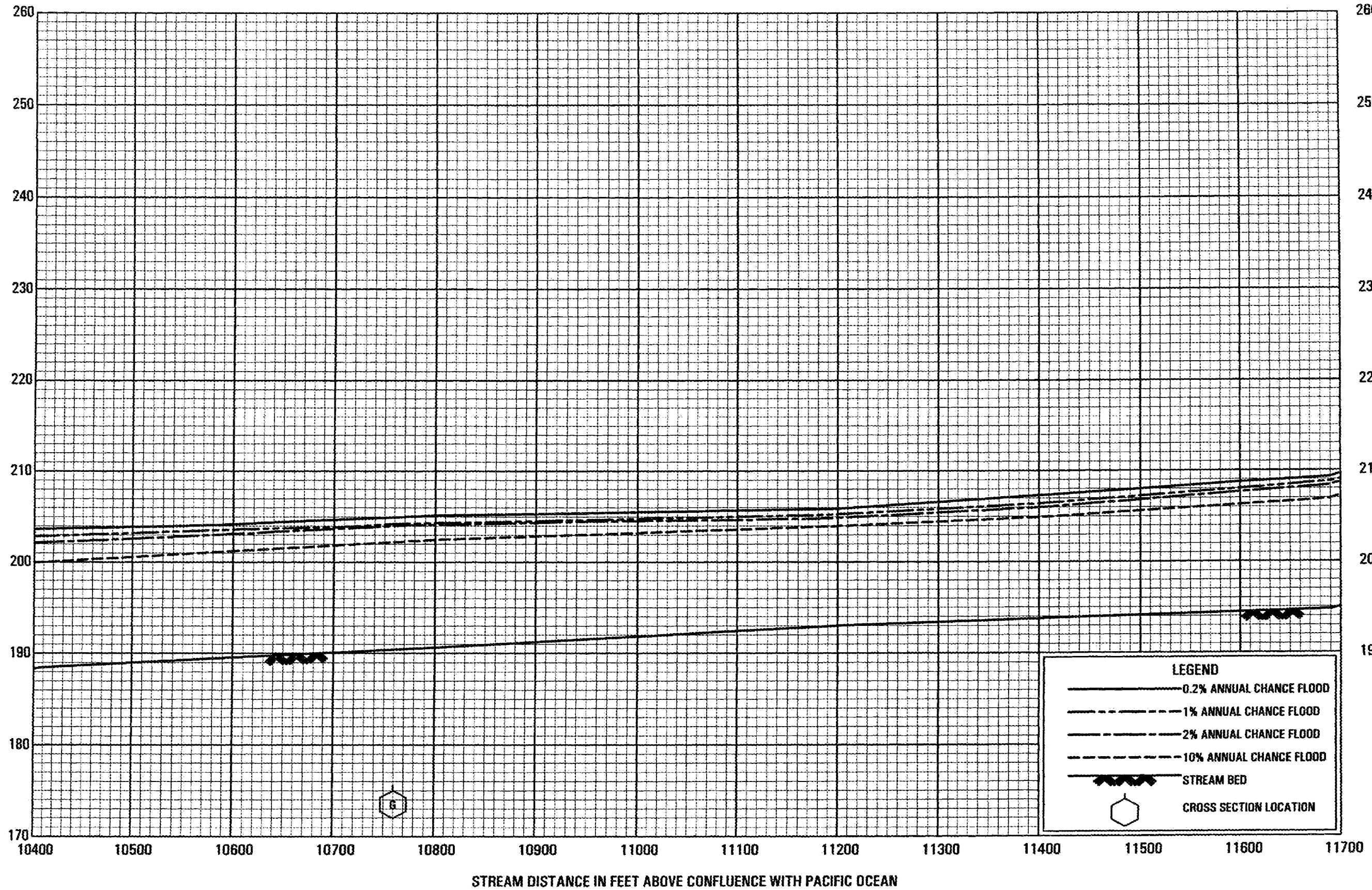
WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

73P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

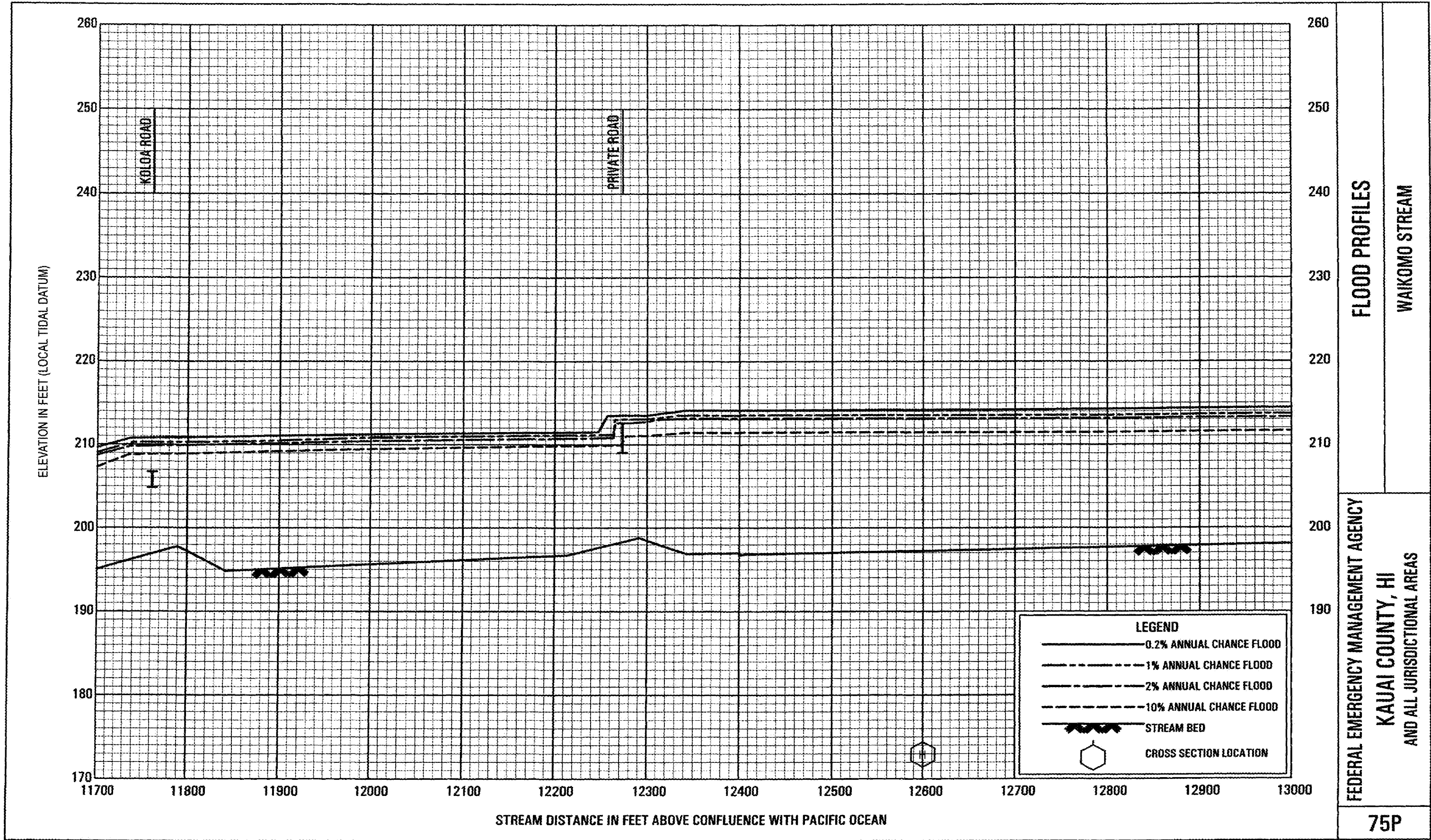
WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

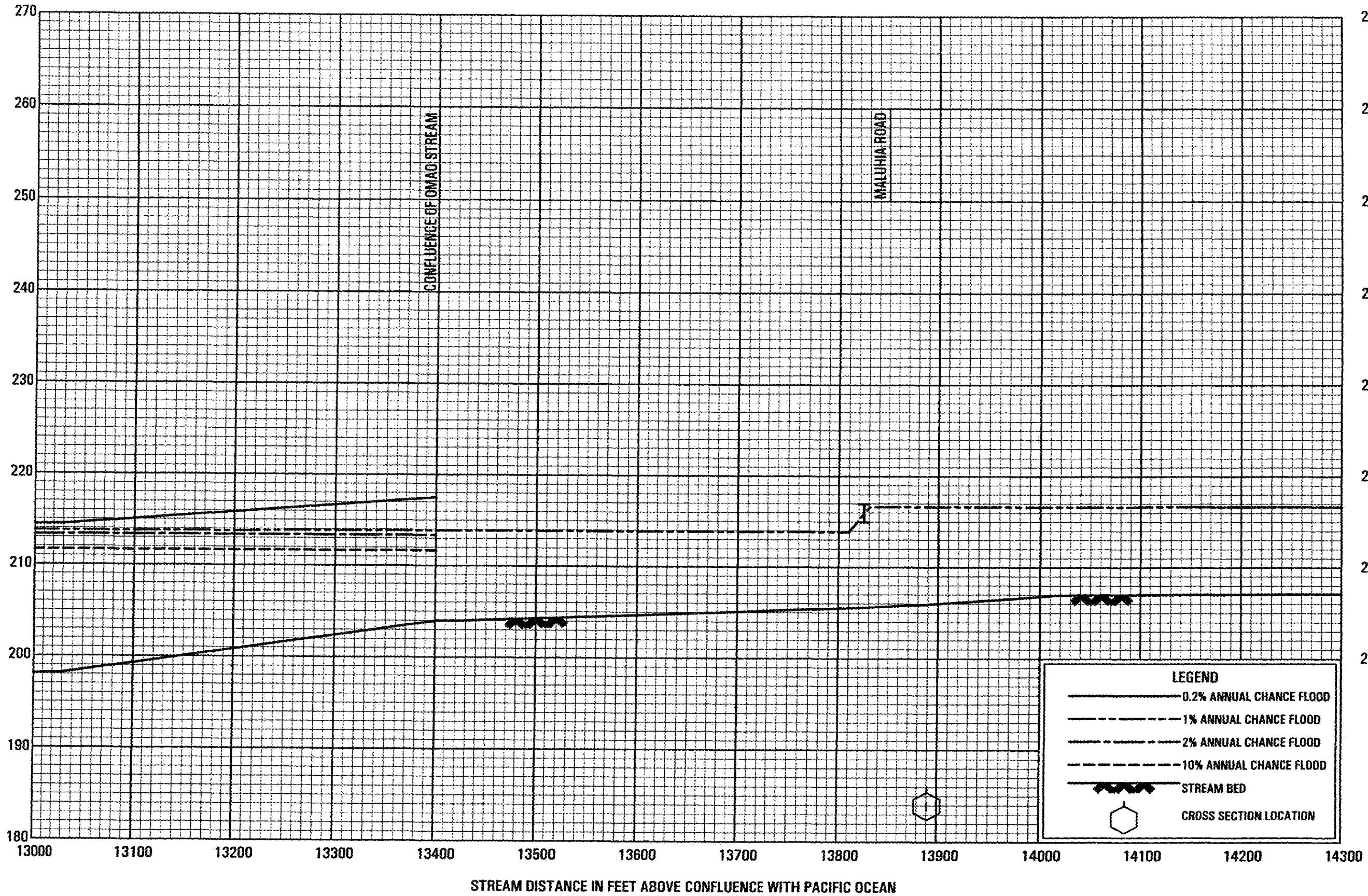
KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

74P





ELEVATION IN FEET (LOCAL TIDAL DATUM)



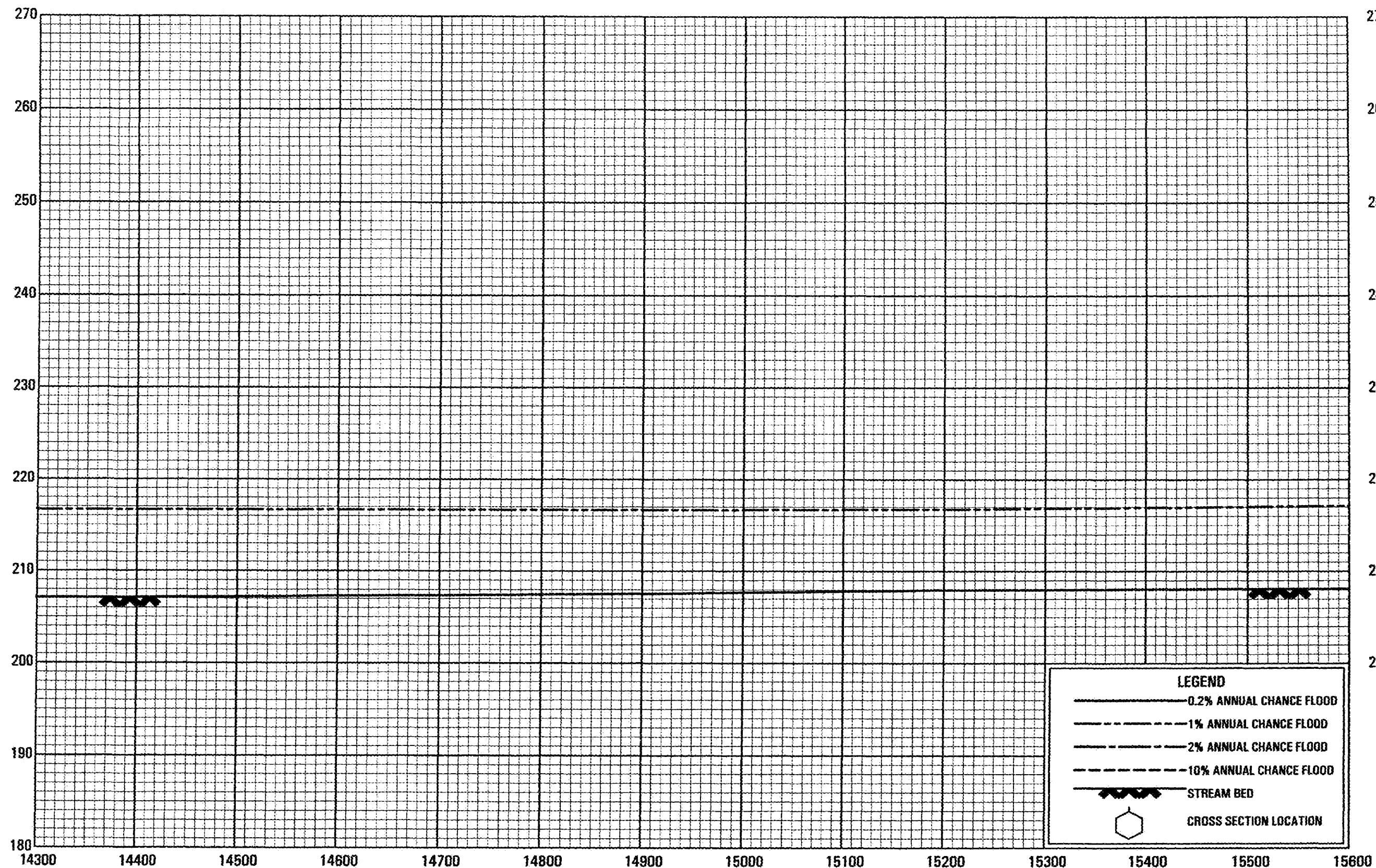
FLOOD PROFILES

WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PACIFIC OCEAN

FLOOD PROFILES

WAIKOMO STREAM

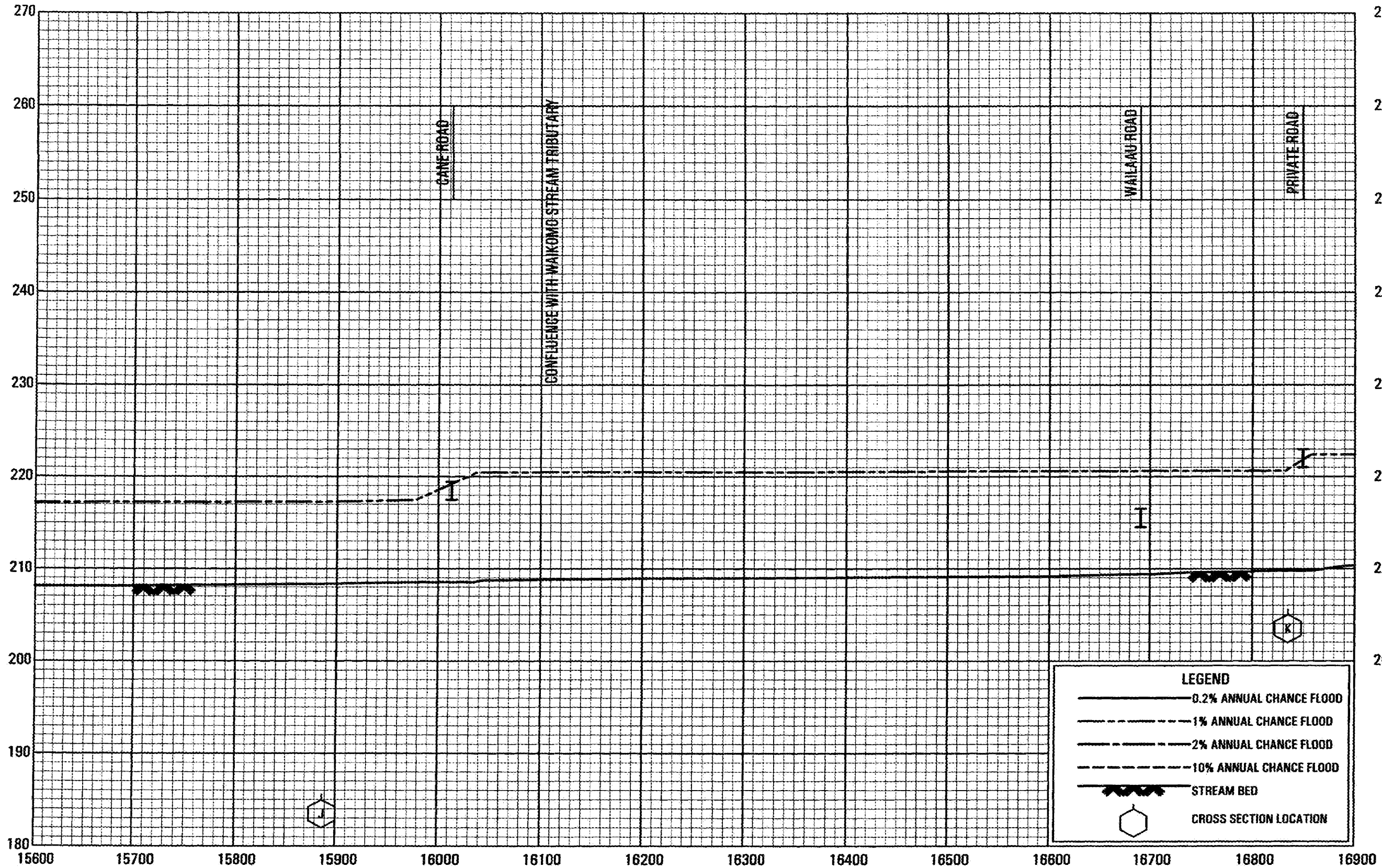
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

77P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



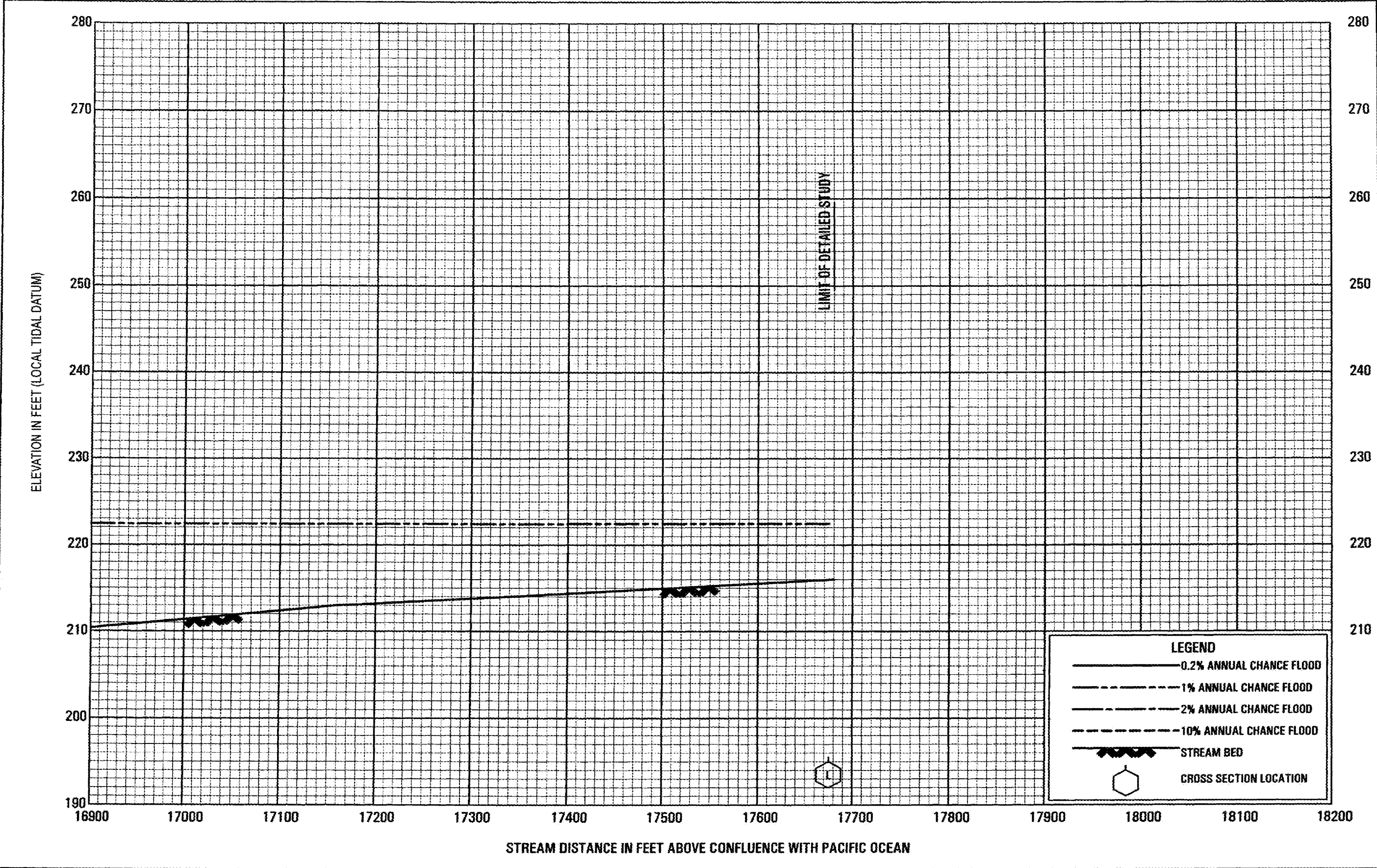
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PACIFIC OCEAN

FLOOD PROFILES

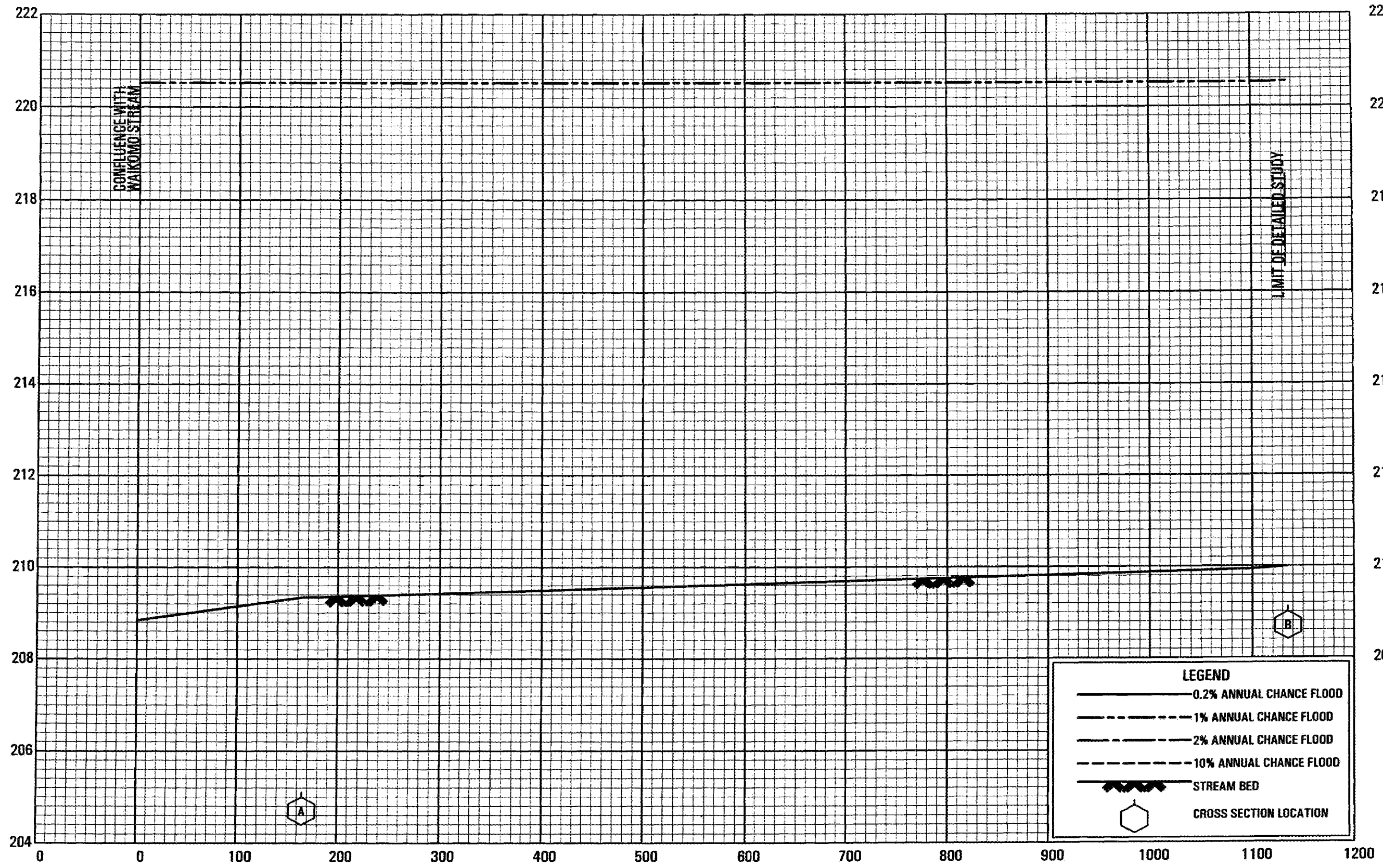
WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI

78P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WAIKOMO STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

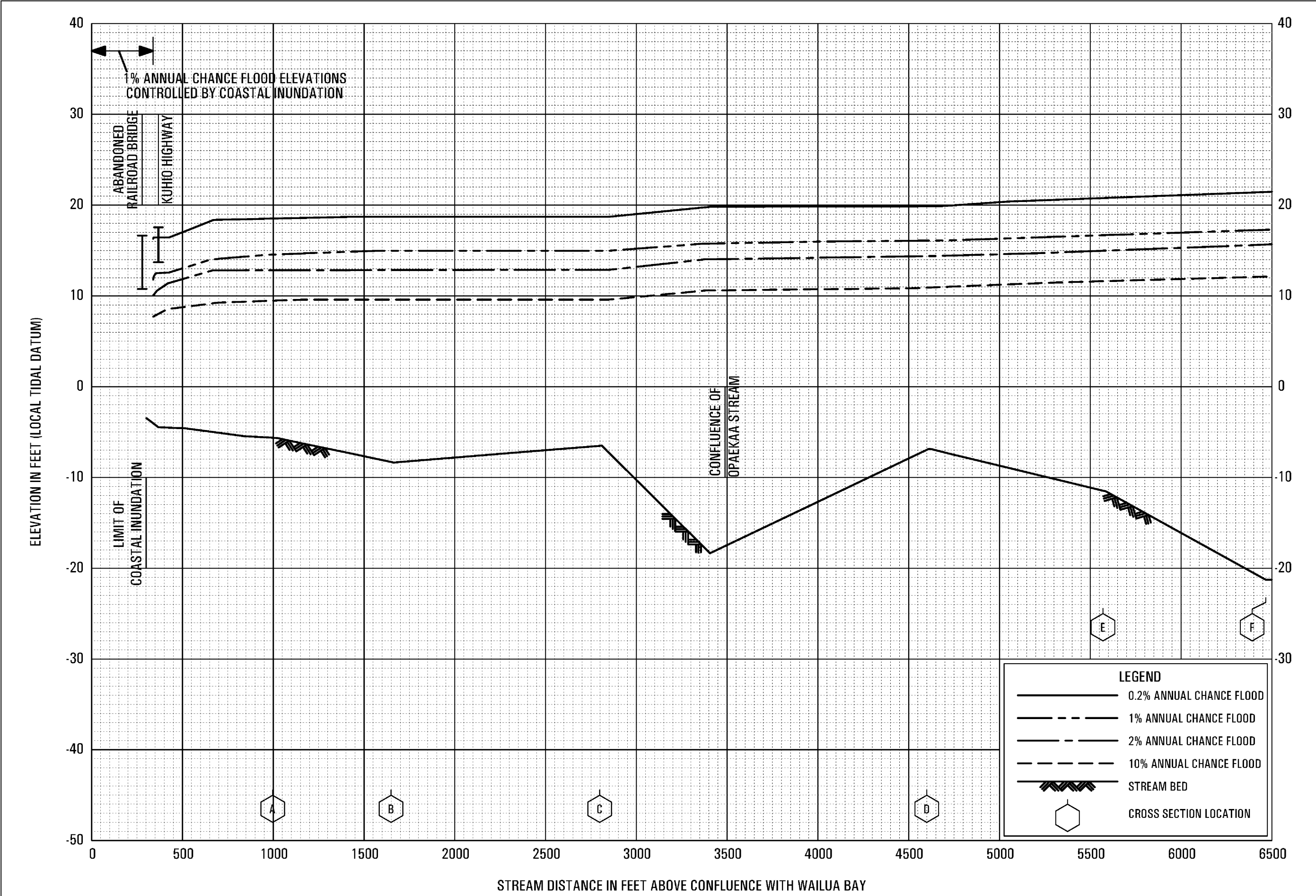
KAUAI COUNTY, HI

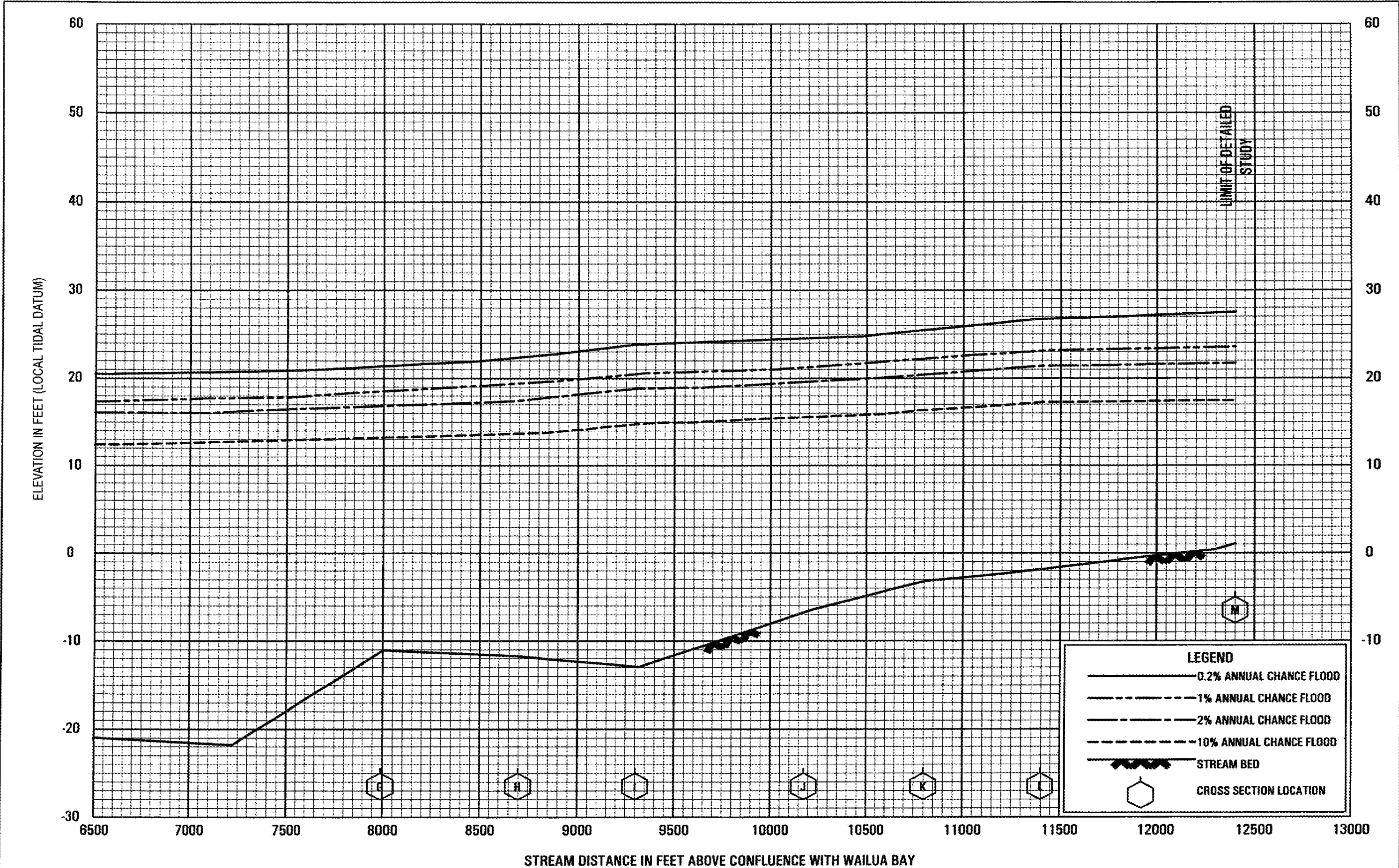
FLOOD PROFILES

WAIKOMO STREAM TRIBUTARY

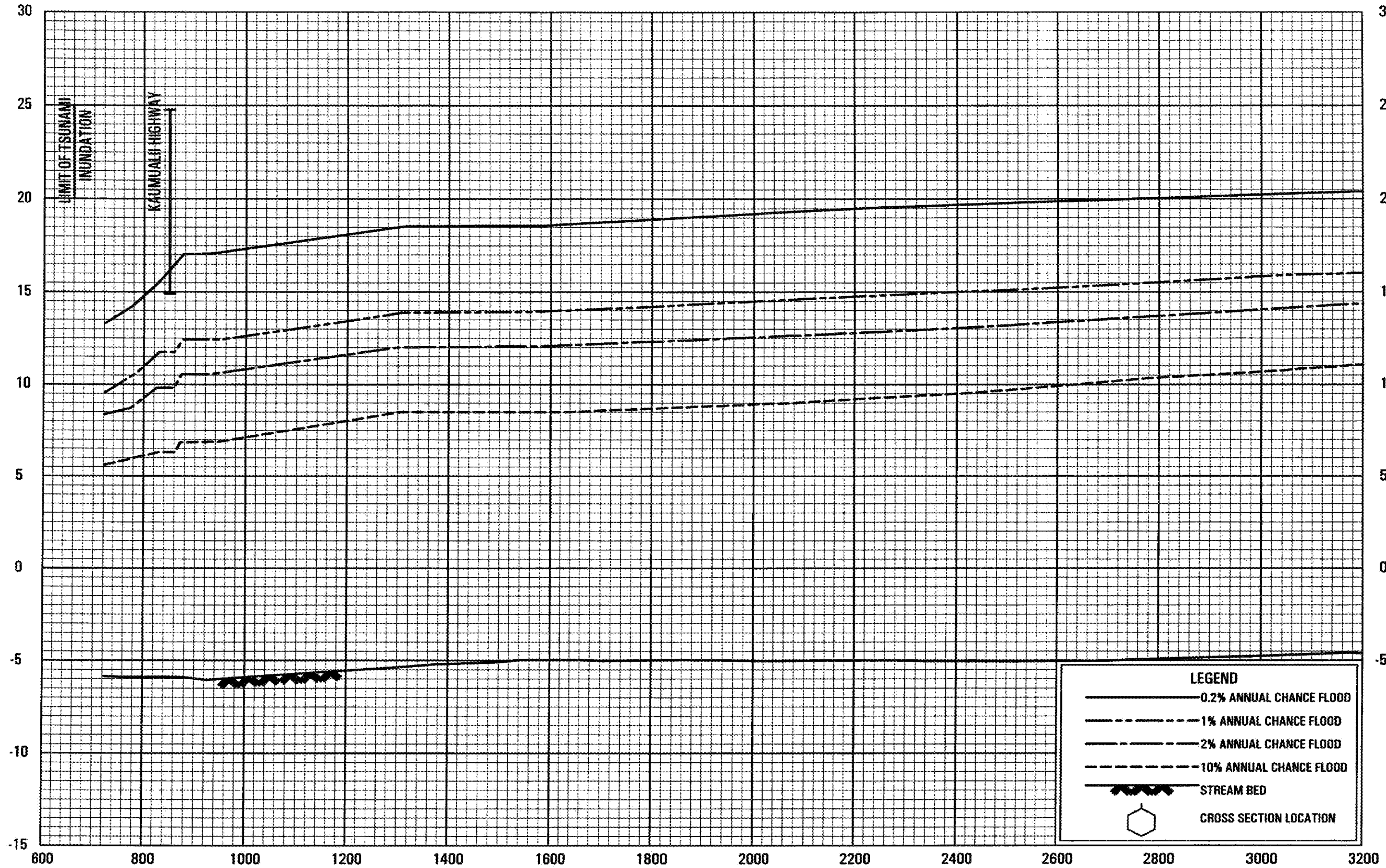
80P







ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

WAIMEA RIVER

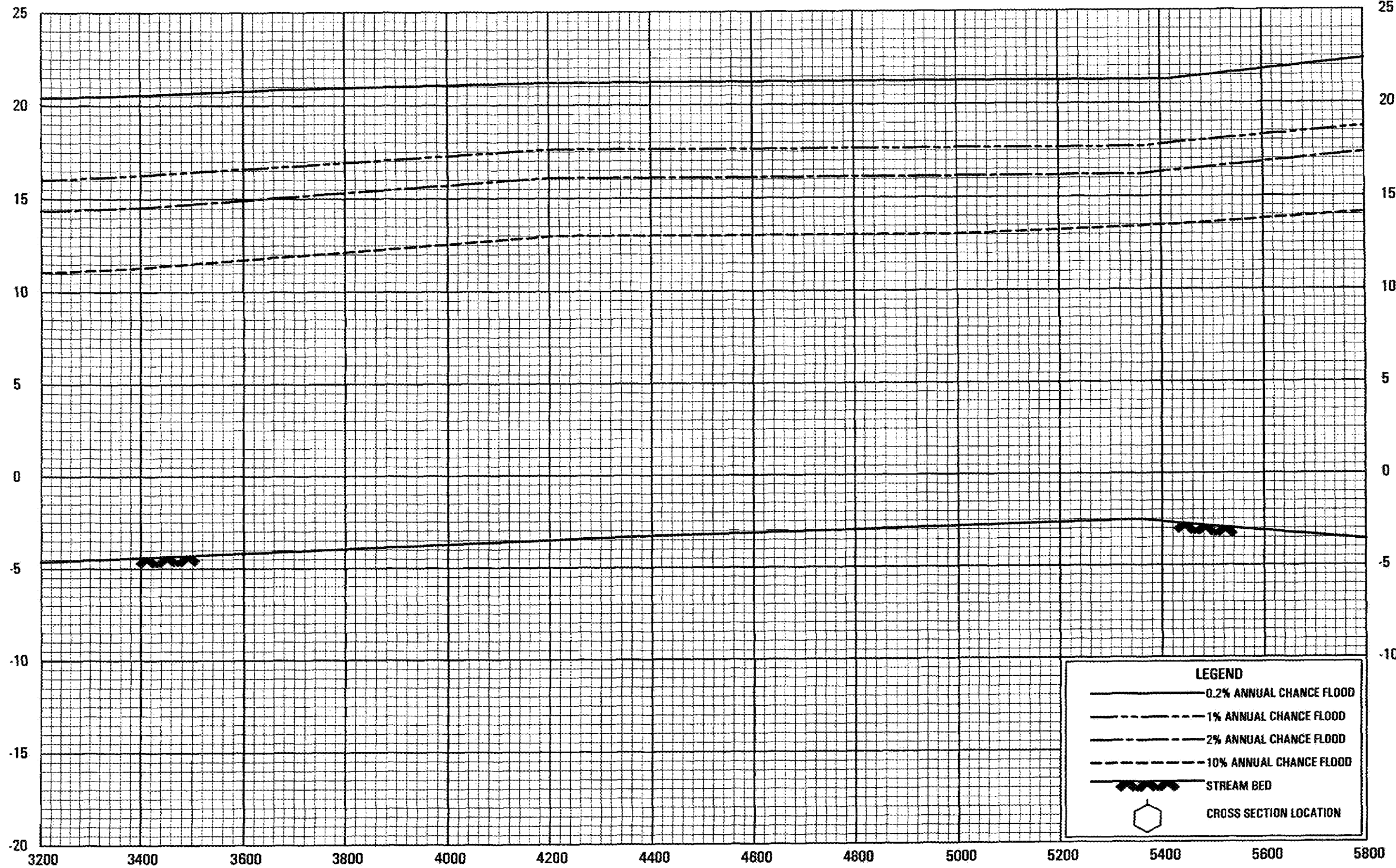
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

83P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WAIMEA BAY

**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- · - 10% ANNUAL CHANCE FLOOD
- (wavy line) — STREAM BED
- ⬡ CROSS SECTION LOCATION

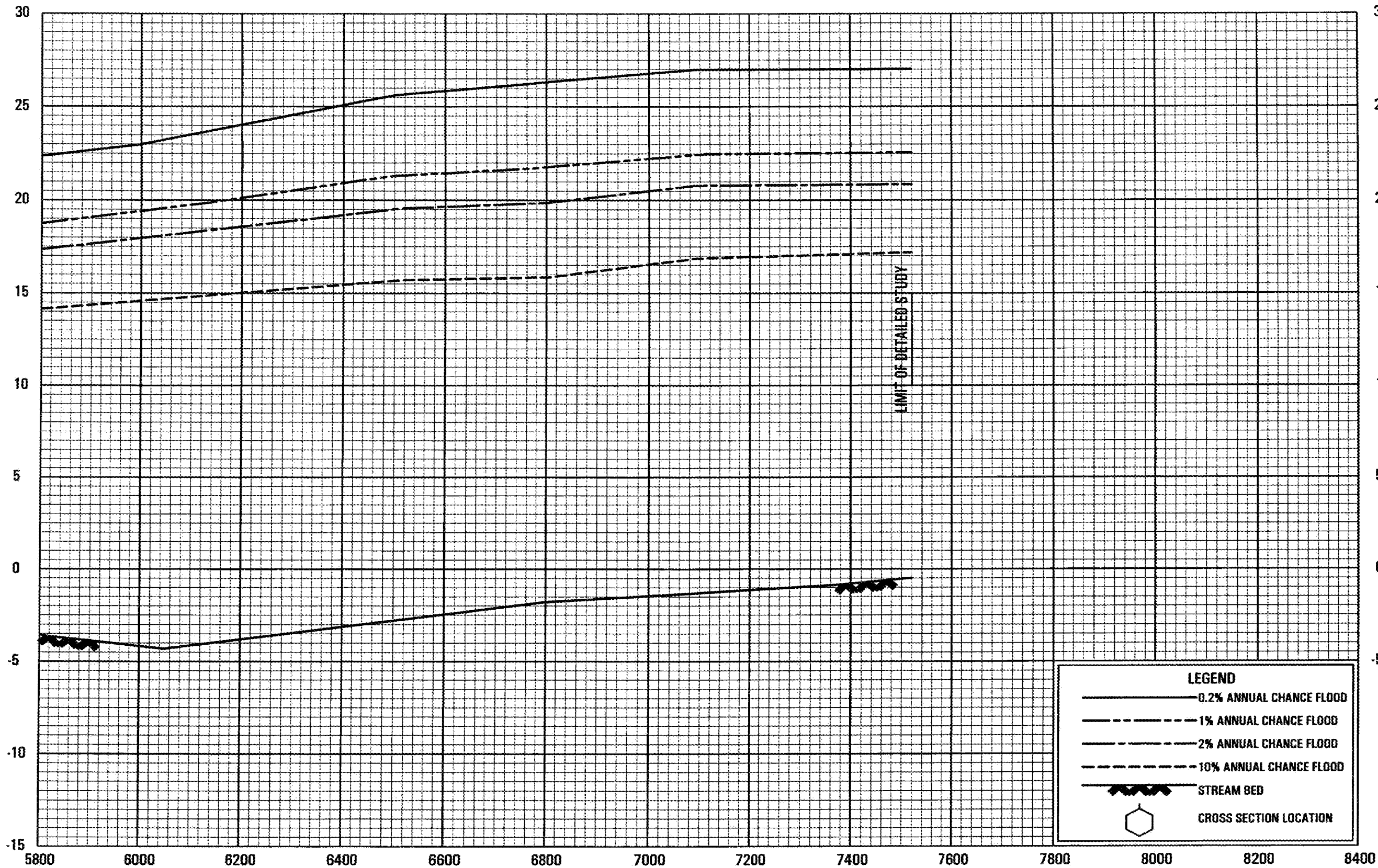
FLOOD PROFILES

WAIMEA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WAIMEA BAY

FLOOD PROFILES

WAIMEA RIVER

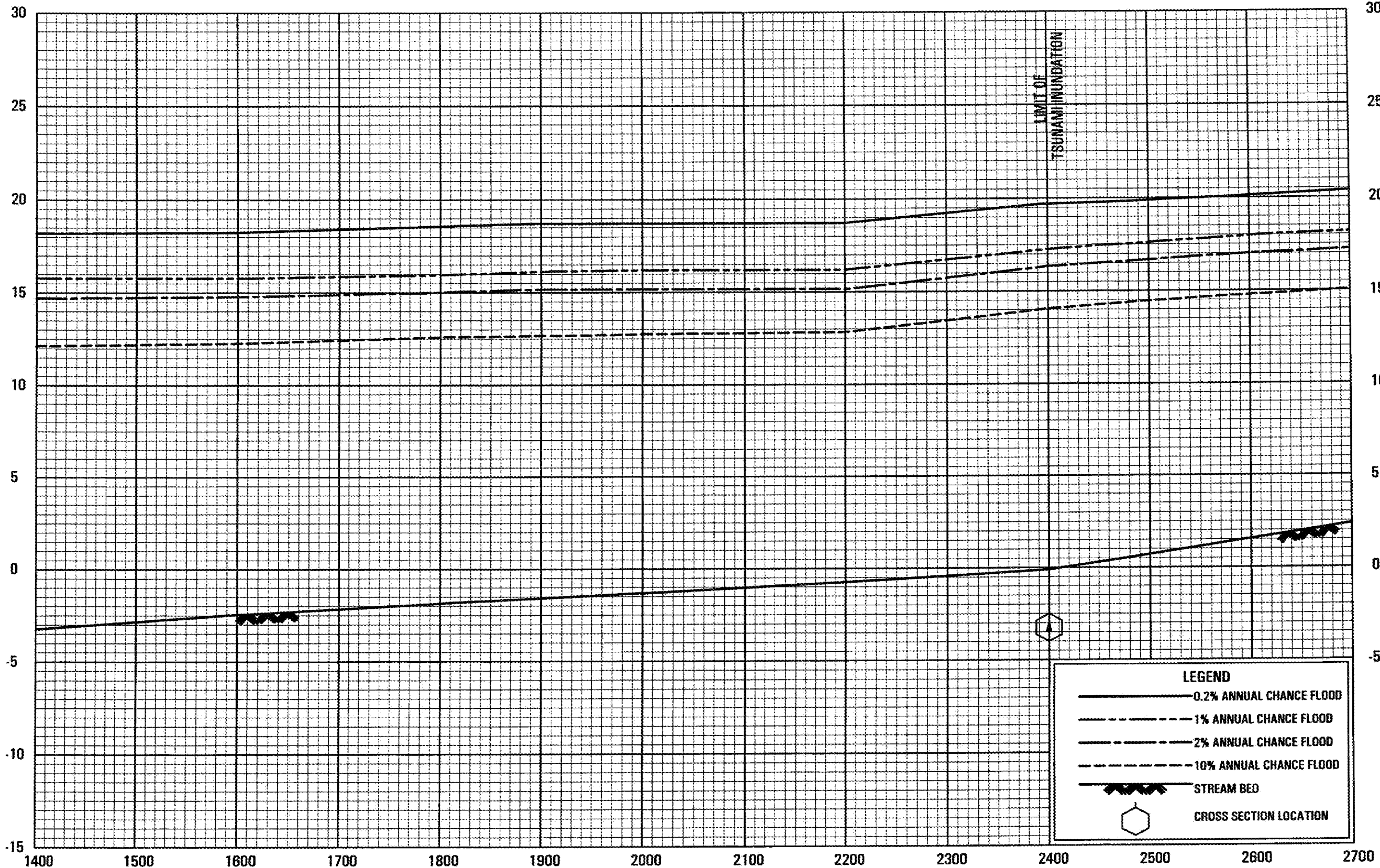
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI

85P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WAINIHA BAY

FLOOD PROFILES

WAINIHA RIVER

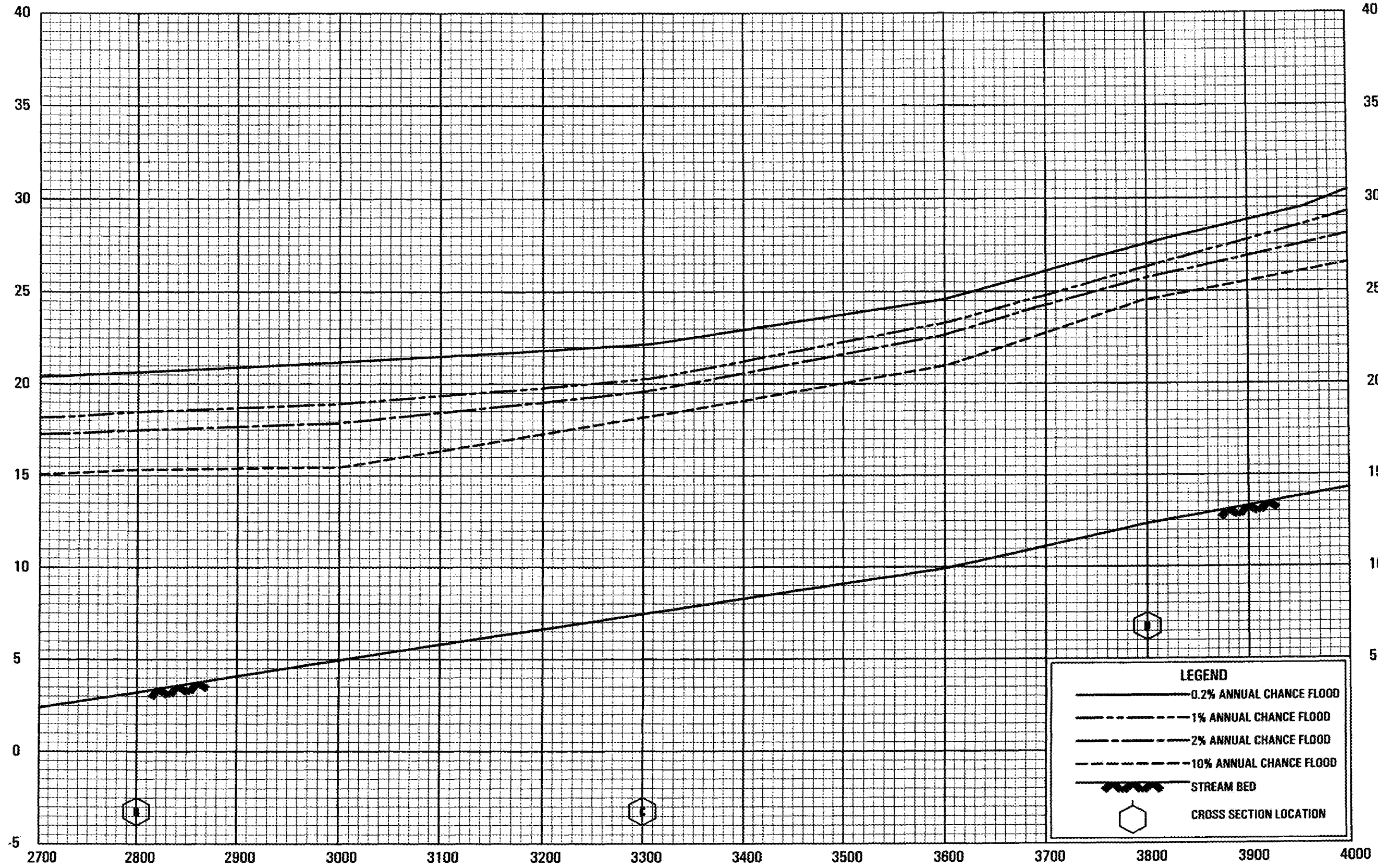
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI, HI

86P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WAINIHA BAY

FLOOD PROFILES

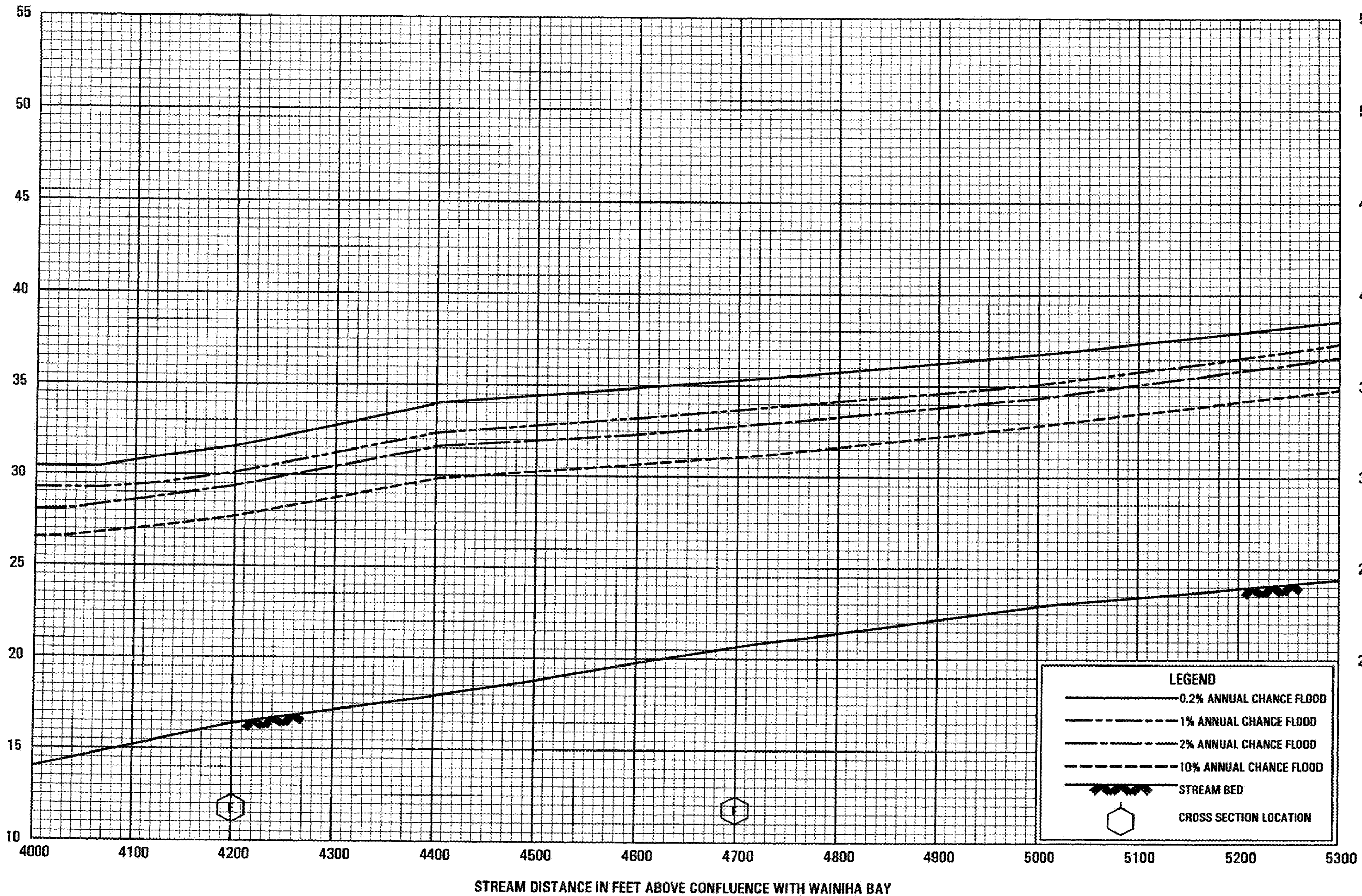
WAINIHA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI, HI

87P

ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

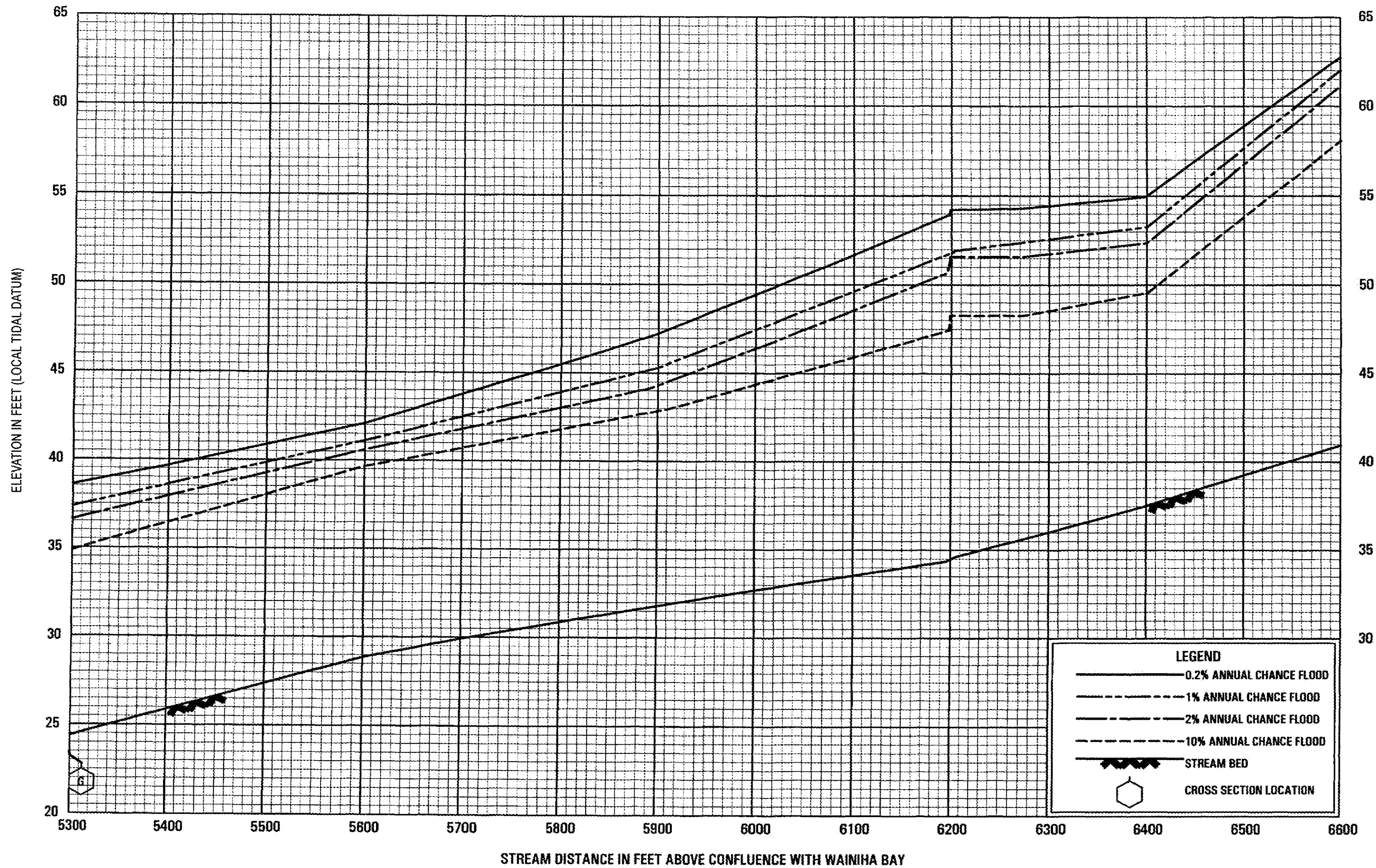
WAINIHA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI, HI

88P





FLOOD PROFILES

WAINIHA RIVER

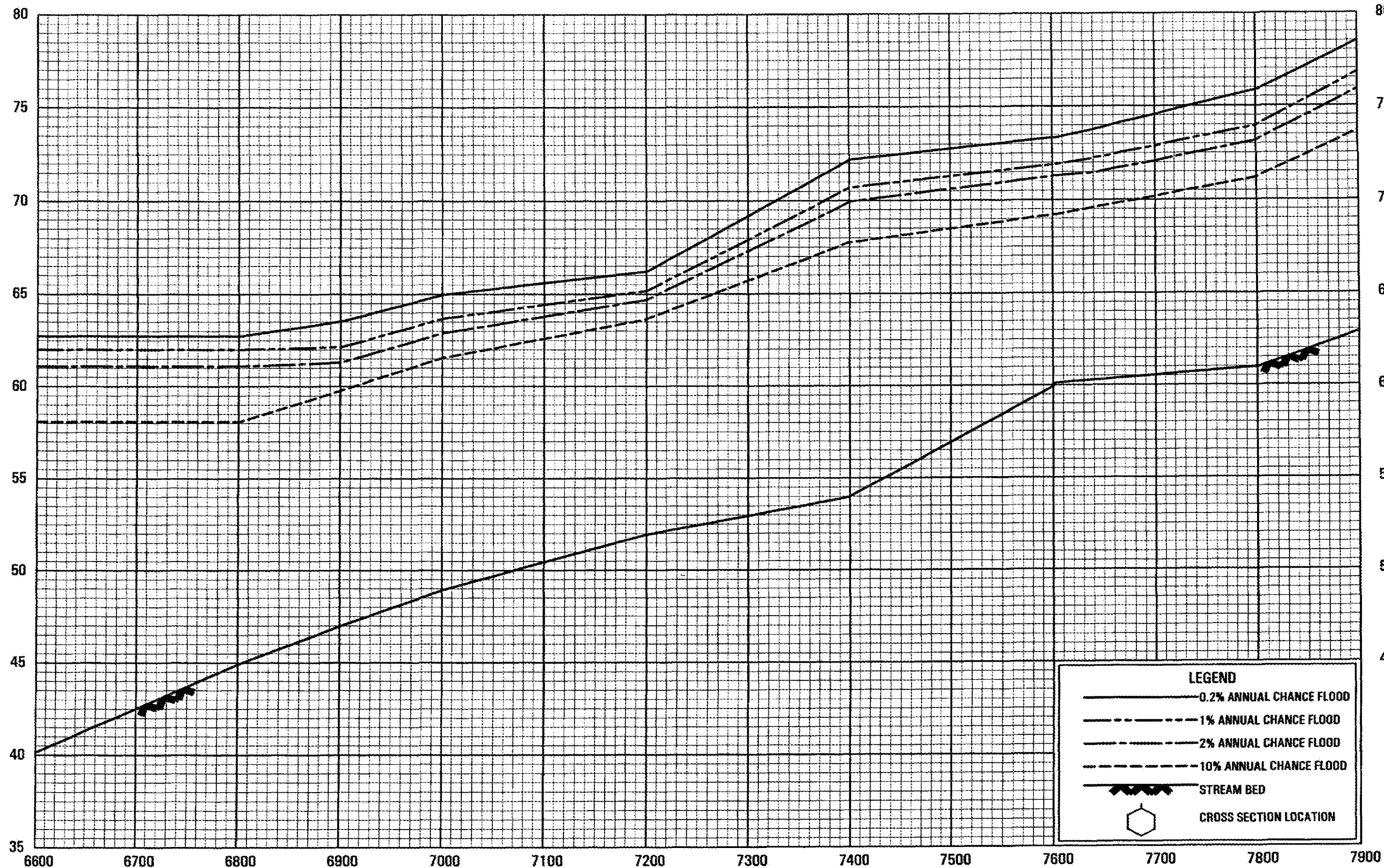
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI, HI

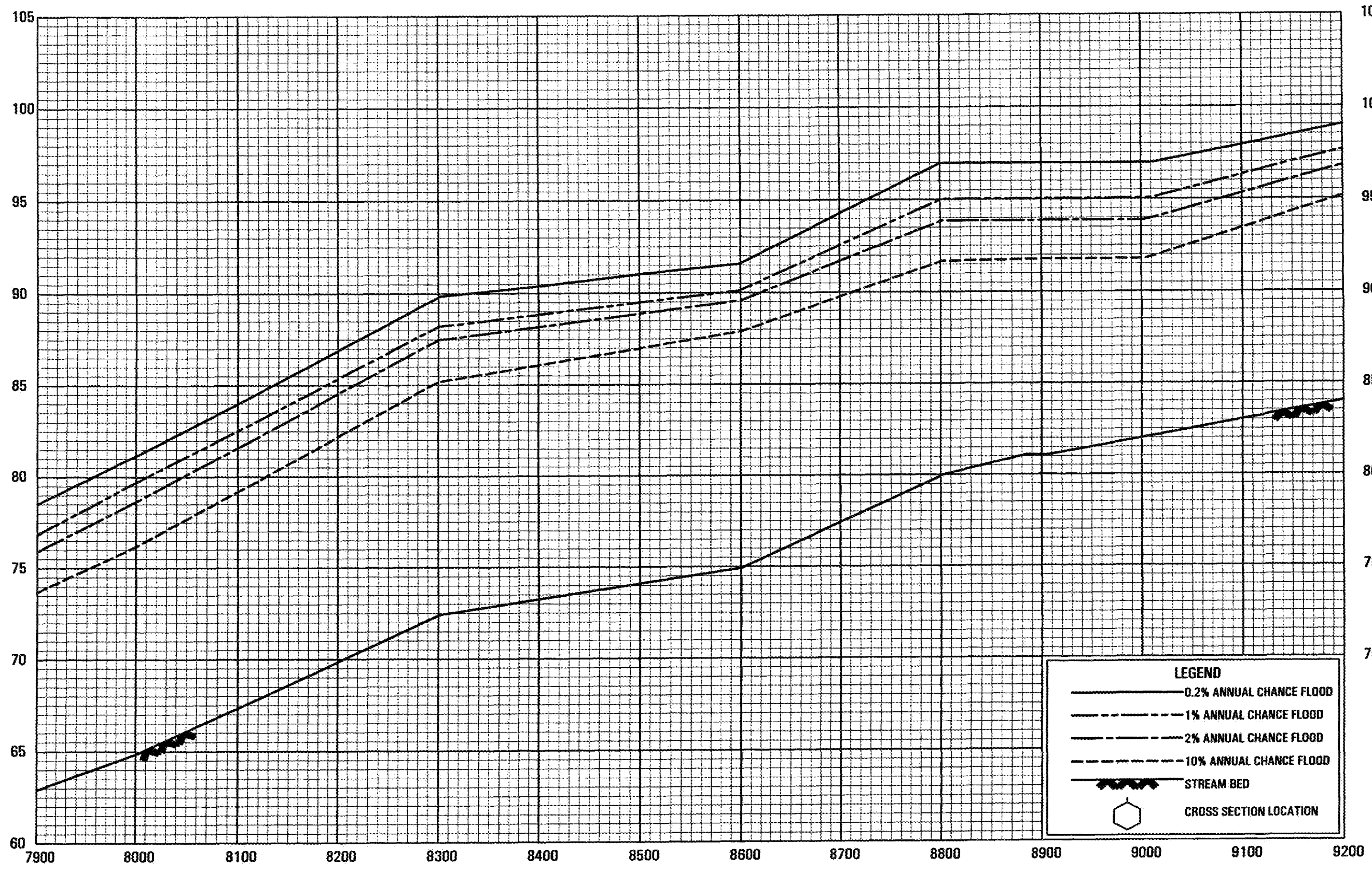
89P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



ELEVATION IN FEET (LOCAL TIDAL DATUM)



**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

WAINIHA RIVER

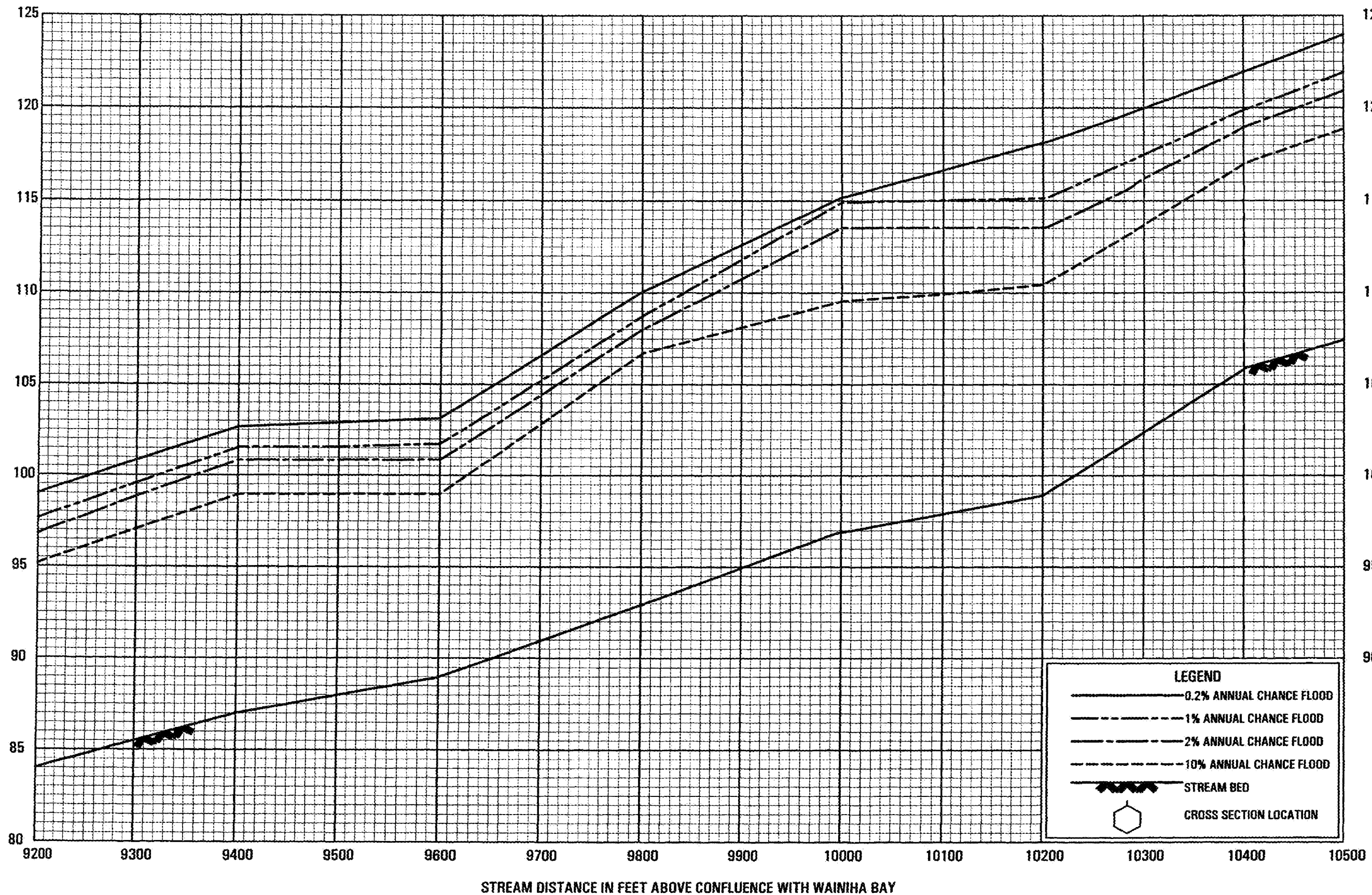
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI, HI

91P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



FLOOD PROFILES

WAINIHA RIVER

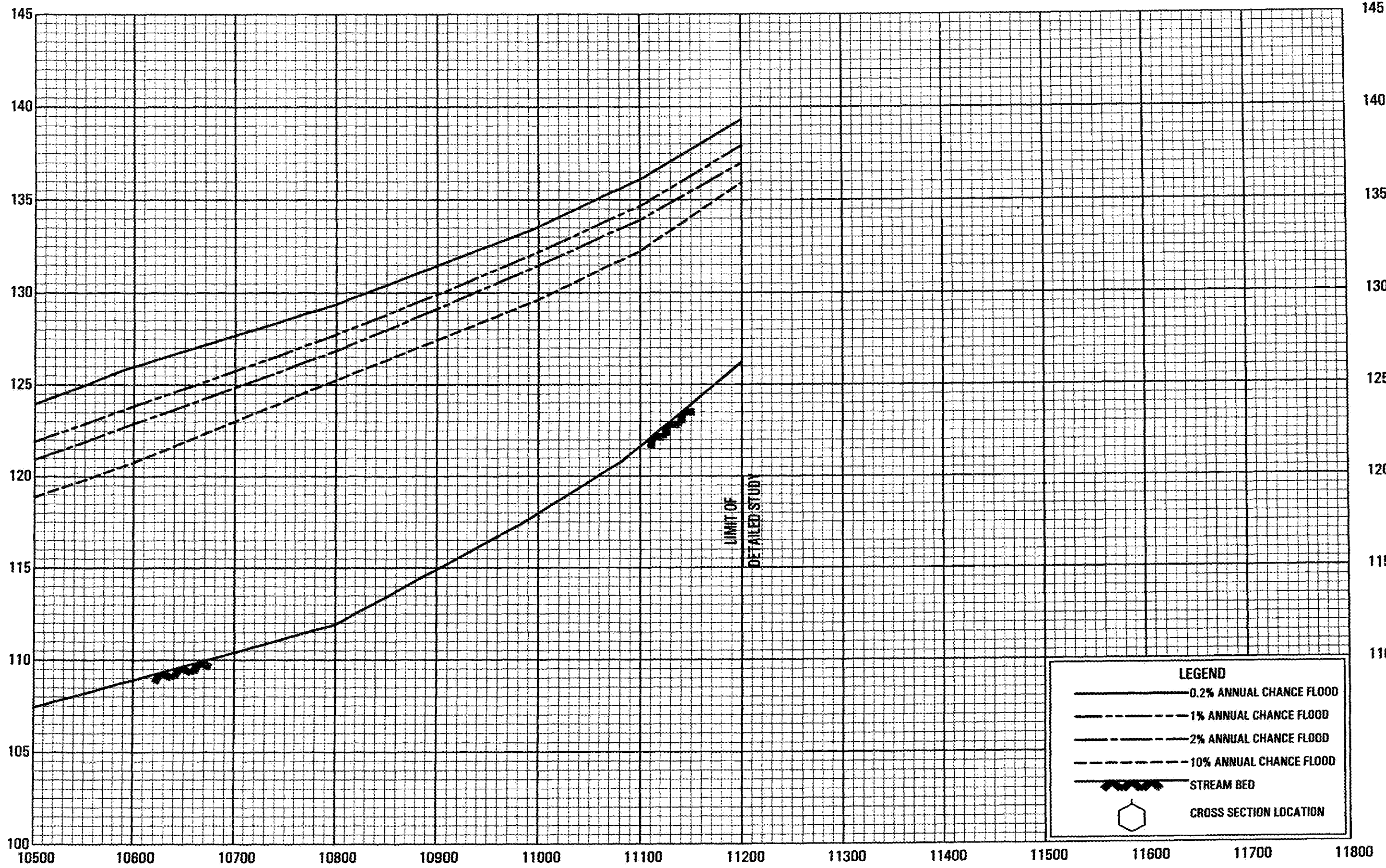
FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI, HI

92P



ELEVATION IN FEET (LOCAL TIDAL DATUM)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WAINIHA BAY

FLOOD PROFILES

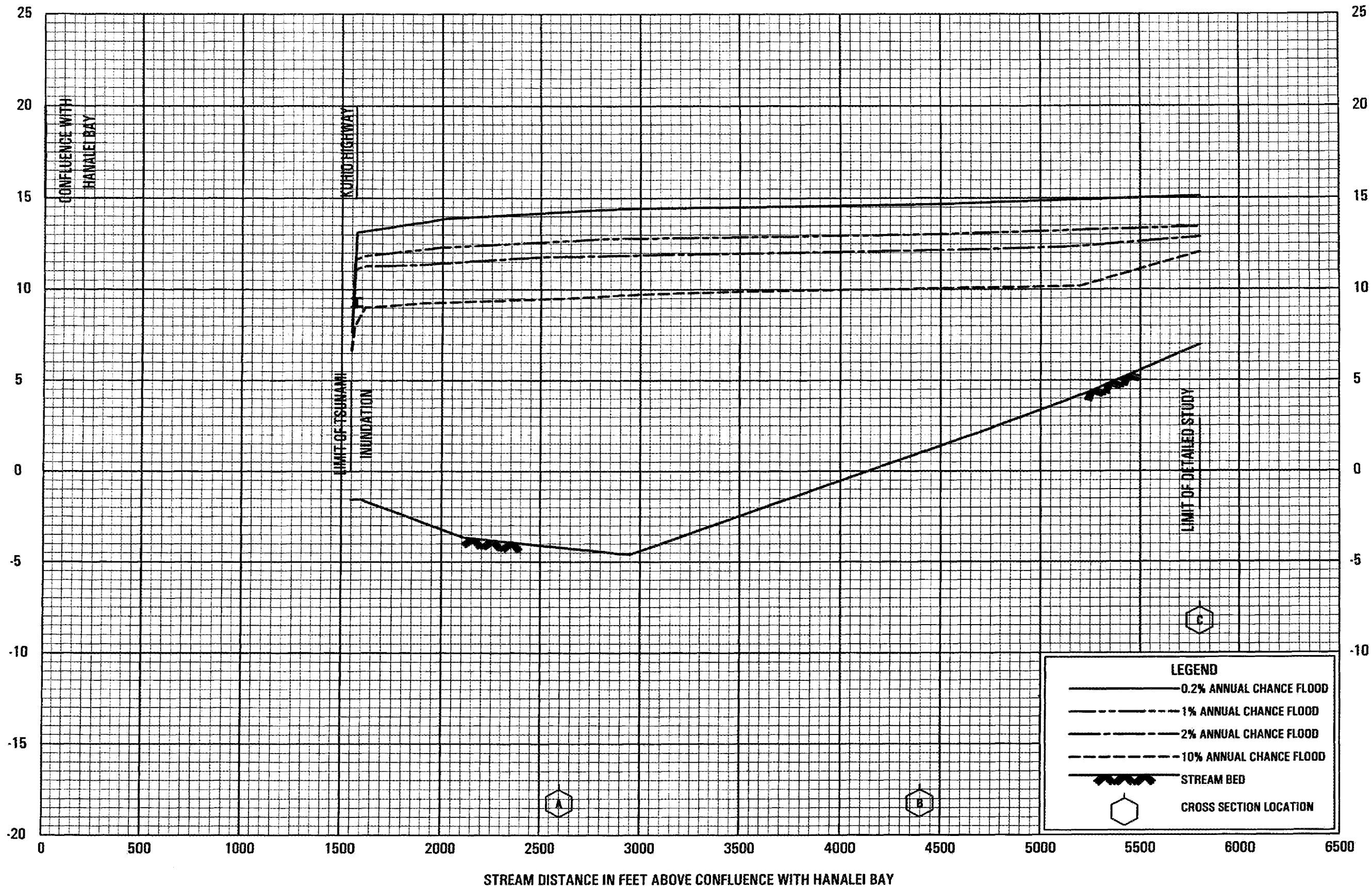
WAINIHA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI, HI

93P

ELEVATION IN FEET (LOCAL TIDAL DATUM)

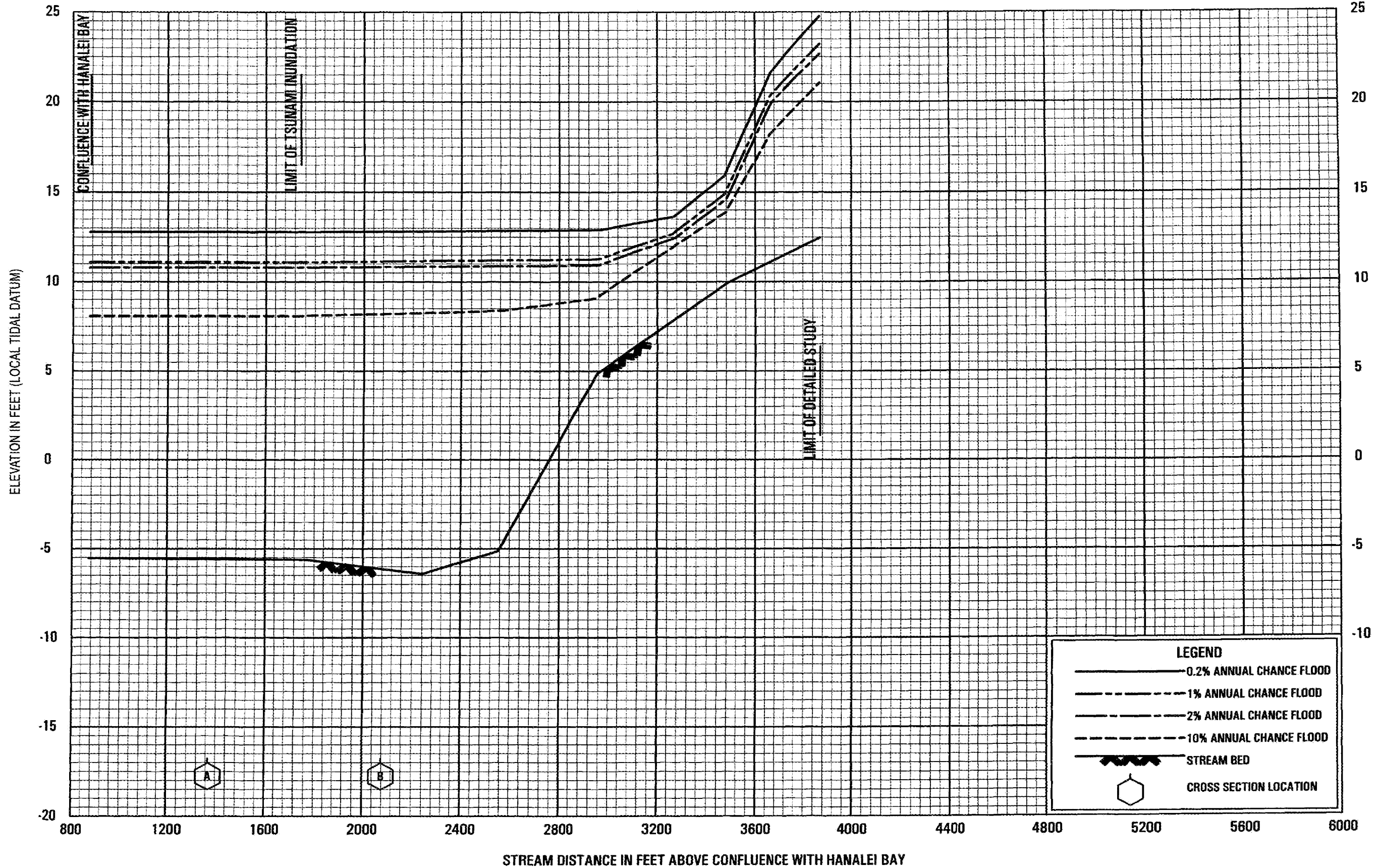


FLOOD PROFILES

WAIOLI STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY  
KAUAI COUNTY, HI

94P



FLOOD PROFILES

WAIPA STREAM

FEDERAL EMERGENCY MANAGEMENT AGENCY

KAUAI COUNTY, HI  
AND ALL JURISDICTIONAL AREAS

95P