FLOOD INSURANCE STUDY

Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

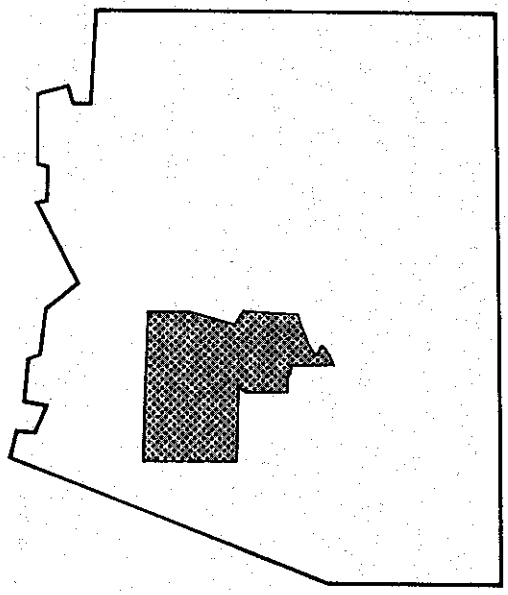
MARICOPA COUNTY, ARIZONA

AND INCORPORATED AREAS

VOLUME 15 OF 16

04013CV015

COMMUNITY NAME	COMMUNITY NUMBER
AVONDALE, CITY OF	040038
BUCKEYE, TOWN OF	040039
CAREFREE, TOWN OF	040126
CAVE CREEK, TOWN OF	040129
CHANDLER, CITY OF	040040
EL MIRAGE, CITY OF	040041
FOUNTAIN HILLS, TOWN OF	040135
GILA BEND, TOWN OF	040043
GILBERT, TOWN OF	040044
GLENDALE, CITY OF	040045
GOODYEAR, CITY OF	040046
GUADALUPE, TOWN OF	040111
LITCHFIELD PARK, CITY OF	040128
MARICOPA COUNTY UNINCORPORATED AREAS	040037
MESA, CITY OF	040048
PARADISE VALLEY, TOWN OF	040049
PEORIA, CITY OF	040050
PHOENIX, CITY OF	040051
QUEEN CREEK, TOWN OF	040132
SCOTTS DALE, CITY OF	045012
SURPRISE, CITY OF	045053
TEMPE, CITY OF	040054
TOLLESON, CITY OF	040055
WICKENBURG, TOWN OF	040056
YOUNGTOWN, TOWN OF	040057



REVISED: JULY 19, 2001

Federal Emergency Management Agency

1302.056

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

This publication incorporates revisions to the original Flood Insurance Study. These revisions are presented in Section 10.0.

TABLE OF CONTENTS

Volume 1

Page

1.0 INTRODUCTION 1

1.1 Purpose of Study 1
1.2 Authority and Acknowledgments 1
1.3 Coordination 3

2.0 AREA STUDIED 3

2.1 Scope of Study 3
2.2 Community Description 22
2.3 Principal Flood Problems 25
2.4 Flood Protection Measures 27

3.0 ENGINEERING METHODS 33

3.1 Hydrologic Analyses 33
3.2 Hydraulic Analyses 35

4.0 FLOODPLAIN MANAGEMENT APPLICATIONS 89

4.1 Flood Boundaries 89
4.2 Floodways 89

FIGURES

Figure 1 - Vicinity Map 4
Figures 2-6 - Historic Flooding 28-31

TABLES

Table 1 - Detailed-Study Sources 5-19
Table 2 - Approximate-Study Streams 20-21
Table 3 - Summary of Discharges 36-78
Table 4 - Range of Hydraulic Roughness Coefficients (Manning's "n") 81-85

Volume 2

Table 5 - Floodway Data 90-225

Volume 3

Table 5 - Floodway Data 226-372

Volume 4

5.0 INSURANCE APPLICATION 373

6.0 FLOOD INSURANCE RATE MAP 375

7.0 OTHER STUDIES 375

TABLE OF CONTENTS (Cont'd)

Volume 4 (Cont'd)

Page

8.0 LOCATION OF DATA 376

9.0 BIBLIOGRAPHY AND REFERENCES 376

10.0 REVISION DESCRIPTIONS 394

10.1 First Revision 394
10.2 Second Revision 400
10.3 Third Revision 418
10.4 Fourth Revision 439
10.5 Fifth Revision 451

FIGURES

Figure 7 - Floodway Schematic 374

TABLES

Table 6 - Community Map History 377-381
Table 7 - Letters of Map Change 454-464

EXHIBITS

Exhibit 1 - Flood Profiles

Andora Hills Wash	Panels 01P-05P
Agua Fria River	Panels 06P-32P
Panels Not Printed	Panels 33P-34P
Buchanan Wash	Panels 35P-36P
Casandro Wash	Panels 37P-41P
Casandro Wash, South Branch	Panels 42P-43P

Volume 5

Cave Creek Wash	Panels 44P-67P
Panels Not Printed	Panels 68P-75P
Centennial Wash	Panels 76P-105P
Centennial Wash, Left Overbank	Panels 106P-113P
Circle City Area - Wash 1	Panels 114P-116P
Circle City Area - Wash 2	Panels 117P-118P
Circle City Area - Wash 2 Along Atchison, Topeka and Santa Fe Railway	Panel 119P
Circle City Area - Wash 3	Panels 120P-122P
Circle City Area - Wash 4	Panel 123P
Circle City Area - Wash 4 Along Atchison, Topeka and Santa Fe Railway	Panel 124P
Circle City Area - Wash 5	Panel 125P

TABLE OF CONTENTS (Cont'd)

Volume 5 (Cont'd)

EXHIBITS (Cont'd)

Exhibit 1 - Flood Profiles (Cont'd)

Circle City Area - Wash 6	Panels 126P-127P
Circle City Area - Wash 7	Panels 128P-129P
Dreamy Draw Wash East	Panels 130P-131P
Panel Not Printed	Panel 132P
Echo Canyon Wash	Panels 133P-137P
Panel Not Printed	Panel 138P
Flynn Lane Wash	Panels 139P-141P

Volume 6

Galloway Wash	Panels 142P-147P
Galloway Wash, Middle Branch	Panels 148P-152P
Galloway Wash, Lower Branch	Panels 153P-156P
Gila River	Panels 157P-170P
Unnamed Tributary to Galloway Wash	Panels 171P-172P
Granite Reef Wash	Panels 173P-174P
Panel Not Printed	Panel 175P
Hassayampa River	Panels 176P-209P
Hospital Wash	Panel 210P
Indian Bend Wash	Panels 211P-219P
Indian Bend Wash - Low Flow Channel	Panels 220P-222P
Panels Not Printed	Panels 223P-225P
Martinez Wash	Panel 226P
McMicken Dam Outlet Wash	Panels 227P-230P
Mockingbird Wash	Panels 231P-232P
Moon Valley Wash	Panels 233P-234P
Myrtle Avenue Wash	Panels 235P-236P
Panel Not Printed	Panel 237P

Volume 7

New River	Panels 238P-260P
New River East Split	Panel 261P
New River Middle Split	Panel 262P
New River West Split	Panels 263P-264P
Ocotillo Wash	Panels 265P-268P
Powder House Wash	Panels 269P-270P
Panel Not Printed	Panel 271P
Rowe Wash	Panels 272P-275P
Salt River	Panels 276P-291P
Scatter Wash	Panels 292P-296P
Scatter Wash, North Branch	Panels 297P-300P
Panels Not Printed	Panels 301P-304P
Skunk Creek	Panels 305P-326P
Sols Wash	Panels 327P-333P
Sweat Canyon Wash	Panels 334P-335P(c)

TABLE OF CONTENTS (Cont'd)

Volume 8

EXHIBITS (Cont'd)

Exhibit 1 - Flood Profiles (Cont'd)

Tenth Street Wash	Panels 336P-337P
Trilby Wash	Panels 338P-344P
Panels Not Printed	Panels 345P-347P
Wash "B"	Panels 348P-349P
Waterman Wash	Panels 350P-361P
Weekes Wash	Panels 362P-363P
West Split Flow Through El Mirage	Panel 364P
Willow Springs Wash	Panels 365P-367P
Wittmann Wash, Along Atchison, Topeka and Santa Fe Railway	Panel 368P
Wittmann Wash, North Split	Panel 369P
Wittmann Wash, South Split	Panel 370P
Wittmann Wash, Upper Reach	Panel 371P
Wittmann Wash, West Split	Panels 372P-373P
Wittmann Wash, Grand Avenue to CAP 1 West Overchute	Panels 374P-377P
Aguila Farm Channel	Panels 378P-380P
North Branch Centennial Wash	Panels 381P-382P
Caterpillar Tank Wash	Panels 383P-386P
Panels Not Printed	Panels 387P-389P
East Fork Cave Creek	Panels 390P-392P
Centennial Wash	Panels 393P-395P
Cline Creek	Panels 396P-400P
Tributary X5	Panels 401P-403P
Tributary C6	Panels 404P-406P
Tributary C8	Panels 407P-411P
Tributary X1	Panels 412P-413P
Tributary X2	Panels 414P-415P
Tributary X3	Panels 416P-417P
Tributary X4A	Panels 418P-419P
Tributary X4B	Panel 420P
Cottonwood Creek	Panels 421P-428P
Cottonwood Creek - Tributary 1	Panels 429P-430P
Cottonwood Creek - Tributary 2	Panels 431P-432P
East Garambullo Wash	Panels 433P-434P

Volume 9

Flemming Springs Wash	Panels 435P-437P
Grapevine Wash	Panels 438P-440P
Galloway Wash - North Tributary	Panels 441P-446P
Gila River	Panels 447P-459P
Gila Bend Canal	Panel 460P
Grass Wash	Panels 461P-463P
Jackrabbit Wash	Panels 464P-479P
Unnamed Tributary of Jackrabbit Wash	Panels 480P-490P
Morgan City Wash	Panels 491P-500P
Ocotillo Wash - Tributary 1	Panels 501P-502P
Ocotillo Wash - Tributary 1A	Panels 503P-504P
Ocotillo Wash - Tributary 2	Panels 505P-506P
Ocotillo Wash - Tributary 3	Panels 507P-509P
Ocotillo Wash - Tributary 4	Panels 510P-512P
Rodger Creek	Panels 513P-518P

TABLE OF CONTENTS (Cont'd)

Volume 9 (Cont'd)

EXHIBITS (Cont'd)

Exhibit 1 - Flood Profiles (Cont'd)

Rowe Wash	Panels 519P-523P
Star Wash	Panels 524P-526P
Panel Not Printed	Panel 527P

Volume 10

Trilby Wash	Panels 528P-535P
Trilby Wash - Middle Channel	Panel 536P
Trilby Wash - West Channel	Panel 537P
Twin Buttes Wash	Panels 538P-542P
Wagner Wash	Panels 543P-548P
West Garambullo Wash	Panels 549P-550P
White Peak Wash	Panels 551P-553P
West Fork White Peak Wash	Panel 554P
Willow Springs Wash	Panels 555P-559P
Willow Springs Wash - Tributary 1	Panels 560P-565P
Willow Springs Wash - Tributary 1A	Panels 566P-567P
Willow Springs Wash - Tributary 2	Panels 568P-570P
Willow Springs Wash - Tributary 2A	Panels 571P-572P
Willow Springs Wash - Tributary 4	Panels 573P-574P
Willow Springs Wash - Tributary 5	Panels 575P-578P
Willow Springs Wash - Tributary 5A	Panel 579P
Southern Pacific Railroad	Panels 580P-582P

Volume 11

191st Avenue Wash	Panels 583P-586P
Apache Wash	Panels 587P-603P(e)
Apache Wash - Split Flow Area	Panels 604P-605P
Apache Wash - West Fork	Panels 606P-607P(b)
Atchison, Topeka & Santa Fe Railroad Channel	Panels 608P-609P
Beardsley Canal Wash	Panels 610P-612P
Bedrock Wash	Panels 613P-617P
Bedrock Wash - North Fork	Panels 618P-621P
Bender Wash	Panels 622P-625P
Bullard Wash	Panels 626P-631P
Bulldozer Wash	Panels 632P-642P
Osborn Road Wash	Panels 643P-647P
Diversion Dike Wash	Panels 648P-649P
Cholla Wash	Panels 650P-667P
Cholla Wash - North Fork	Panels 668P-672P
Daggs Wash	Panels 673P-683P
Daggs Wash - West Breakout	Panels 684P-685P
Daggs Wash - East Split Flow	Panel 686P

Volume 12

Desert Hills Wash	Panels 687P-691P(a)
Desert Hills Wash Tributary	Panel 692P

Volume 15

EXHIBITS (Cont'd)

Exhibit 1 - Flood Profiles (Cont'd)

Sols Wash Tributary AH4	Panels	977P-978P
Sols Wash Tributary AH5	Panels	979P-983P
Sunny Cove Wash	Panel	984P
Sunny Cove Wash (Upper Reach)	Panels	985P-987P
Sunset Wash	Panel	988P
Turtleback Wash	Panel	989P
Twin Peaks Wash	Panel	990P
Wash AG	Panel	991P
Wash E2	Panel	992P
Wash F	Panel	993P
Wash F2	Panel	994P
Wash G	Panel	995P
Wash H	Panels	996P-997P
Wash I	Panels	998P-999P
Wash K	Panels	1000P-1001P
Wash K1	Panel	1002P
Wash L	Panels	1003P-1004P
Wash O	Panels	1005P-1006P
Wash P	Panel	1007P
Wash Q	Panel	1008P
Wash S2	Panel	1009P
Yucca Flat Wash	Panels	1010P-1011P
Cave Creek Wash	Panels	1012P-1023P
White Tanks Wash	Panels	1024P-1031P
White Tanks Wash Tributary No. 1	Panels	1032P-1035P
Skunk Tank Wash	Panels	1036P-1039P
Valley Wash	Panels	1040P-1041P
Queen Creek	Panels	1042P-1043P
Skunk Creek East Split Flow	Panel	1044P
Panels Not Printed	Panels	1045P-1046P
Wash 9	Panels	1047P-1049P
Wash 10	Panels	1050P-1055P
Wash 10 North	Panels	1056P-1058P
Wash 11	Panels	1059P-1066P
Wash 11 South	Panels	1067P-1072P
Wash 12	Panels	1073P-1077P
Wash 12 South	Panels	1078P-1080P
Wash 12 South Branch 1	Panel	1081P

Volume 16

Wash 12 South Branch 2	Panels	1082P-1083P
Prospect Wash	Panels	1084P-1085P
Rattler Wash	Panels	1086P-1087P
Skyline Wash	Panels	1088P-1090P
Granite Falls Wash	Panel	1091P
Pyrite Wash	Panel	1092P
Mountain Wash	Panel	1093P
Panels Not Printed	Panels	1094P-1103P
Wagon Wash	Panel	1104P
Apache Wash Tributary 1	Panels	1105P-1106P
Apache Wash Tributary 2	Panels	1107P-1108P
Apache Wash Tributary 3	Panel	1109P
Apache Wash Tributary 4	Panel	1110P

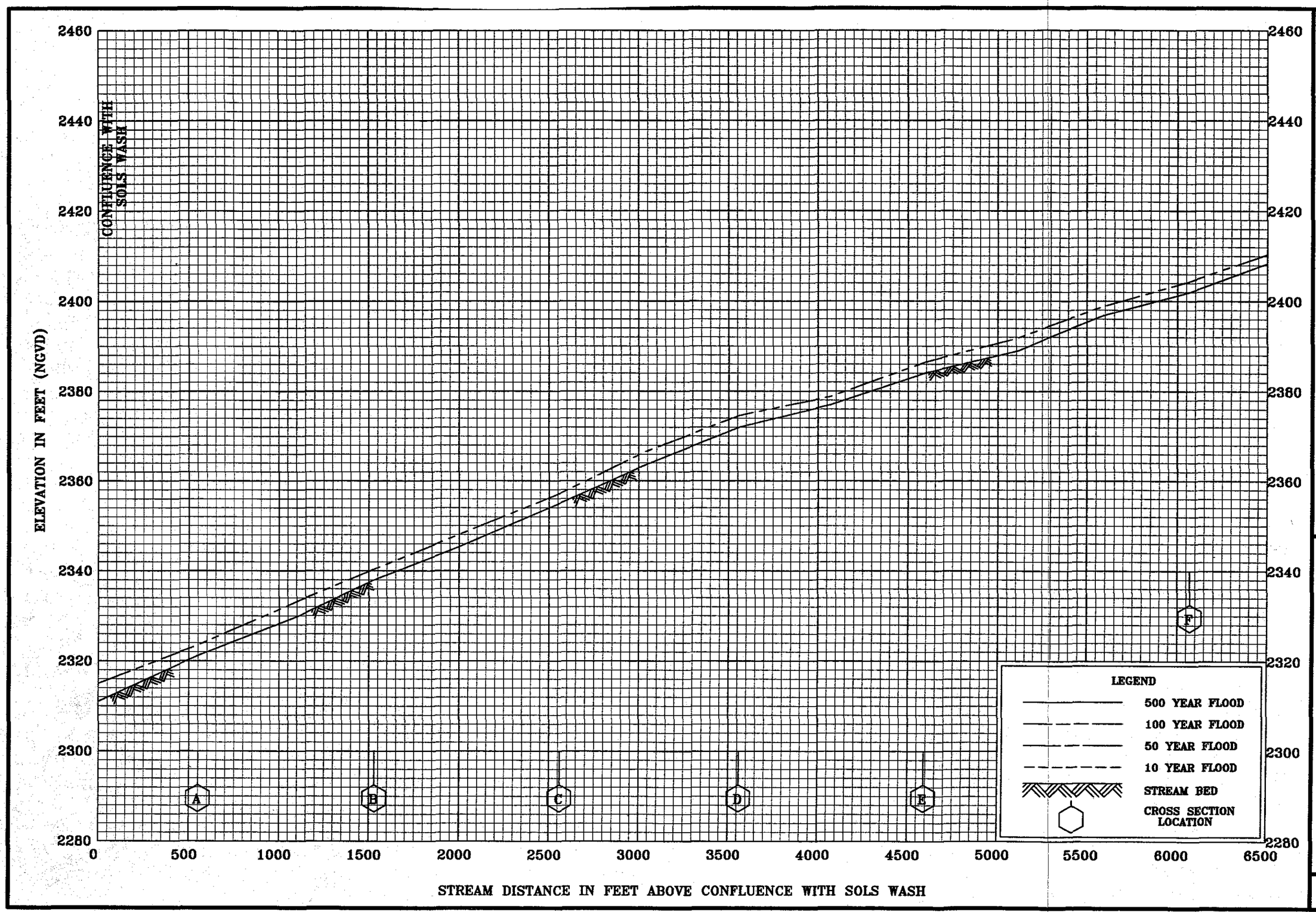
Exhibit 1 - Flood Profiles (Cont'd)

Apache Wash Tributary 5	Panel 1111P
Apache Wash Tributary 6	Panel 1112P
Apache Wash Tributary 7	Panel 1113P
West Fork Apache Wash Tributary 1	Panel 1114P
West Fork Apache Wash Tributary 2	Panel 1115P
Desert Hills Wash Tributary 1	Panels 1116P-1117P
Desert Hills Wash Tributary 2	Panel 1118P
Desert Hills Wash Tributary 3	Panel 1119P
Desert Hills Wash Tributary 4	Panel 1120P
Desert Hills Wash Tributary 5	Panel 1121P
Desert Hills Wash Tributary 6	Panels 1122P-1123P
Desert Lake Wash Tributary 2	Panels 1124P-1125P
Ranieri Tank Wash Tributary 1	Panel 1126P
Ranieri Tank Wash Tributary 2	Panel 1127P
Ranieri Tank Wash Tributary 3	Panel 1128P
Doe Peak Wash	Panels 1129P-1130P
Doe Peak Wash South Fork	Panels 1131P-1133P
Doe Peak Wash East Fork	Panels 1134P-1135P
Southern Pacific Railroad Ditch	Panels 1136P-1138P
Roosevelt Irrigation District Canal-Split Flow	Panel 1139P
Skunk Creek Tributary 6B	Panels 1140P-1141P
Skunk Creek Tributary 6B North	Panel 1142P
Skunk Creek Tributary 6C	Panels 1143P-1144P
Skunk Creek Tributary 10A	Panel 1145P
Skunk Creek Tributary 10B	Panels 1146P-1147P
Skunk Creek Tributary 12	Panels 1148P-1149P
McCormick Ranch Lakes-East Branch	Panel 1150P
McCormick Ranch Lakes-West Branch	Panel 1151P

PUBLISHED SEPARATELY

Flood Insurance Rate Map Index
Flood Insurance Rate Map

*U.S. GOVERNMENT PRINTING OFFICE: 2001-472-287-40043



FLOOD PROFILES

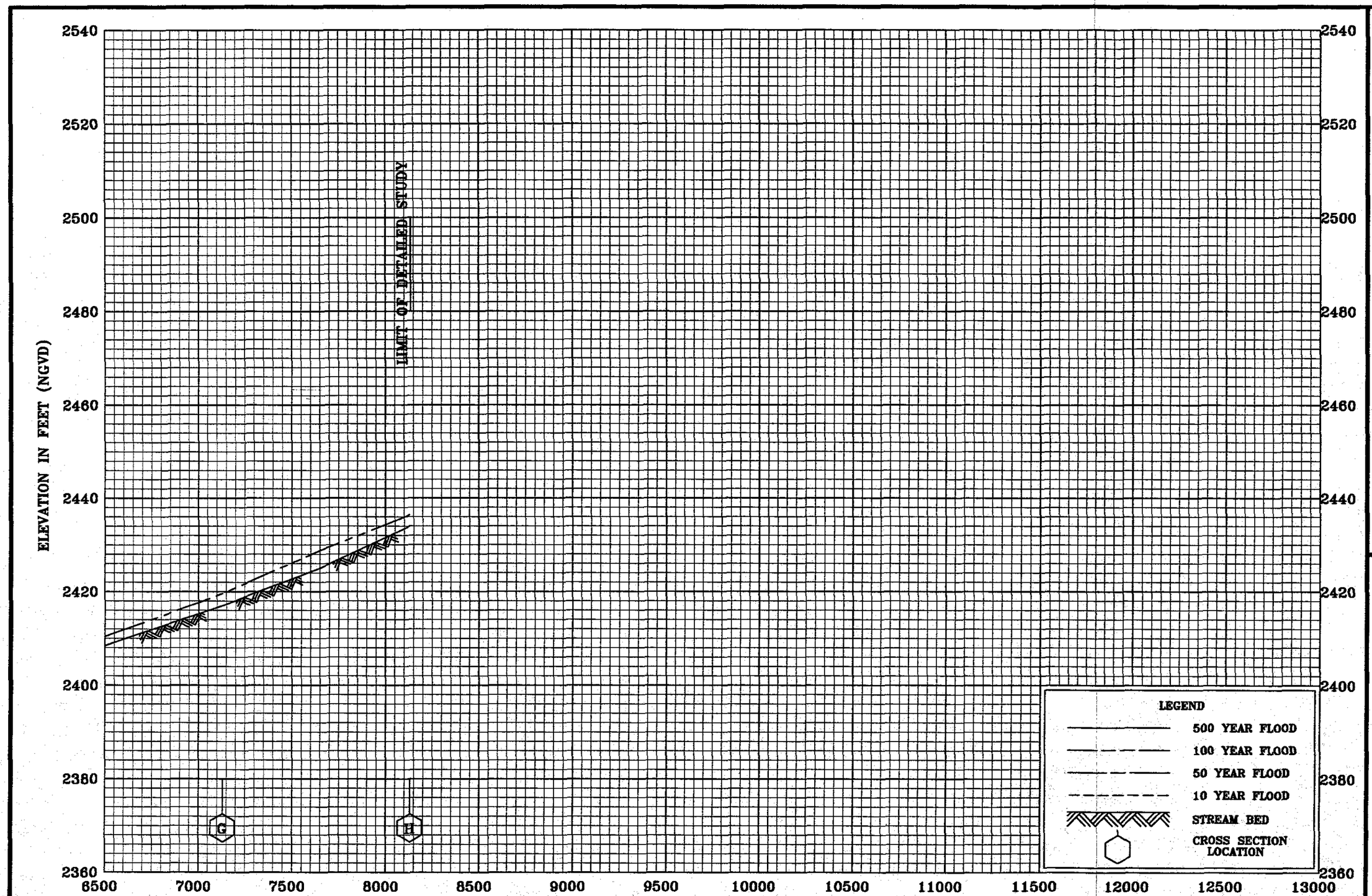
SOLS WASH TRIBUTARY AH4

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

977P



SOLS WASH TRIBUTARY AH4

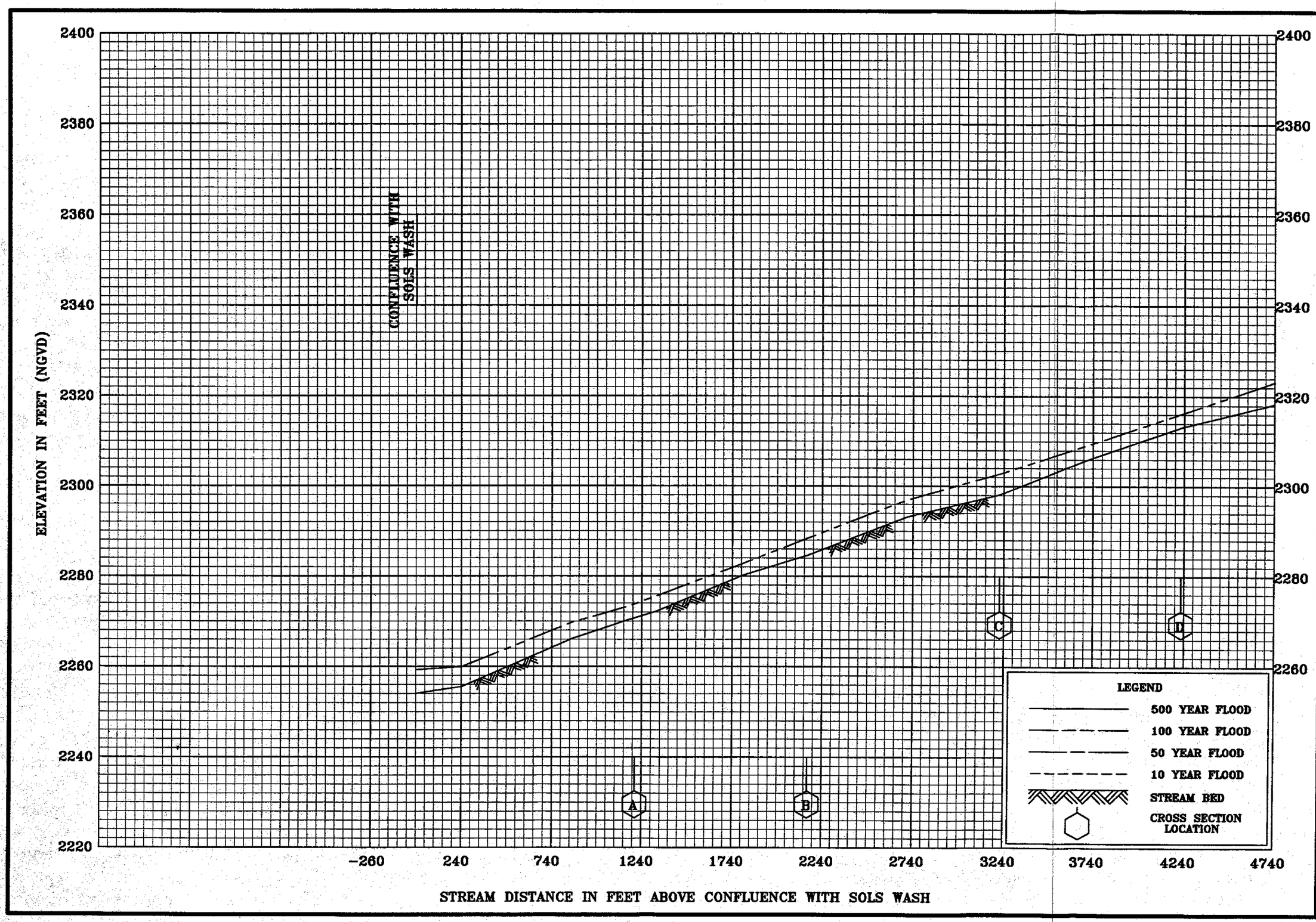
FLOOD PROFILES

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

978P



FLOOD PROFILES

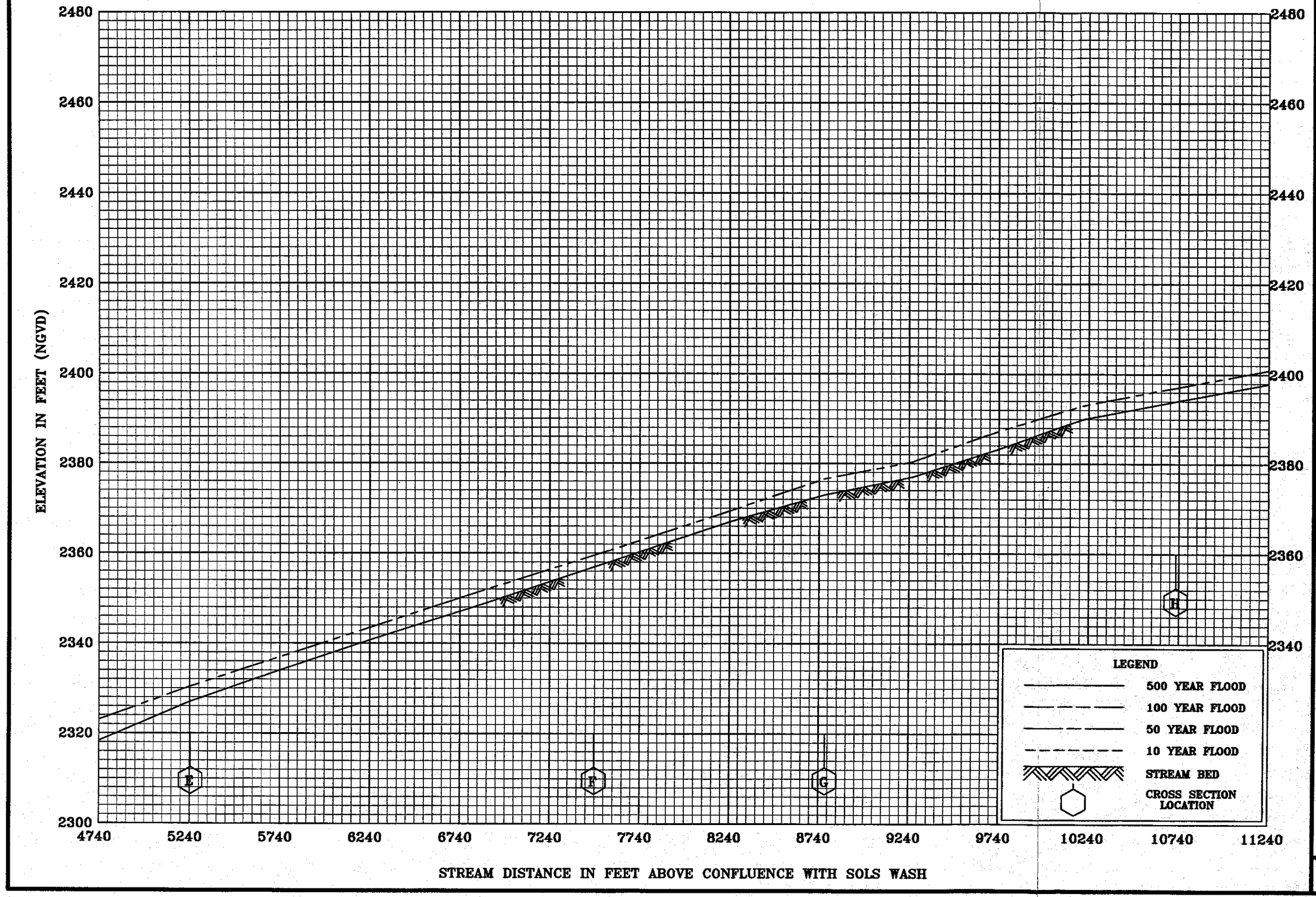
SOLS WASH TRIBUTARY AH5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

979P



FLOOD PROFILES

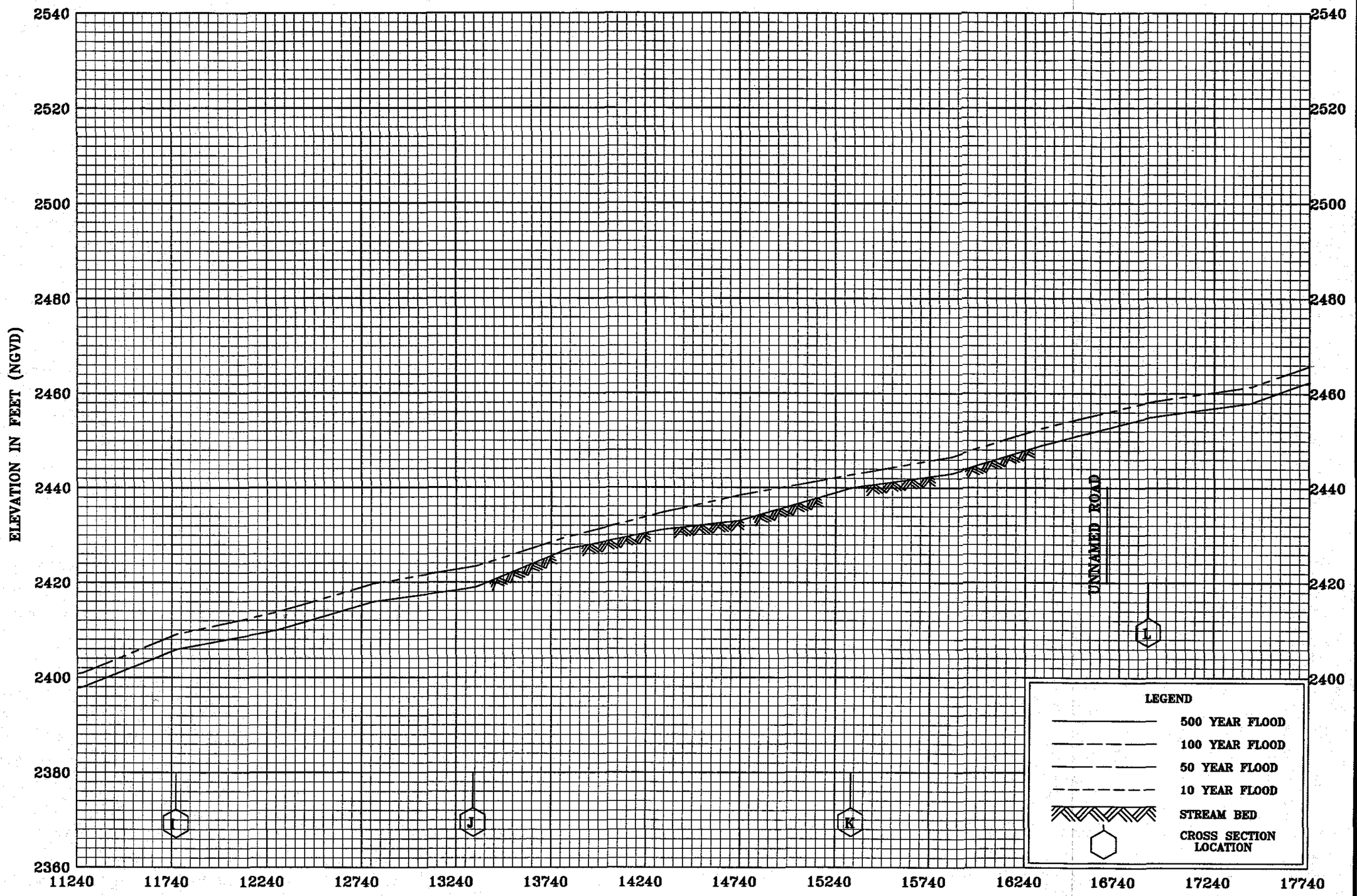
SOLS WASH TRIBUTARY AH5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

980P



FLOOD PROFILES

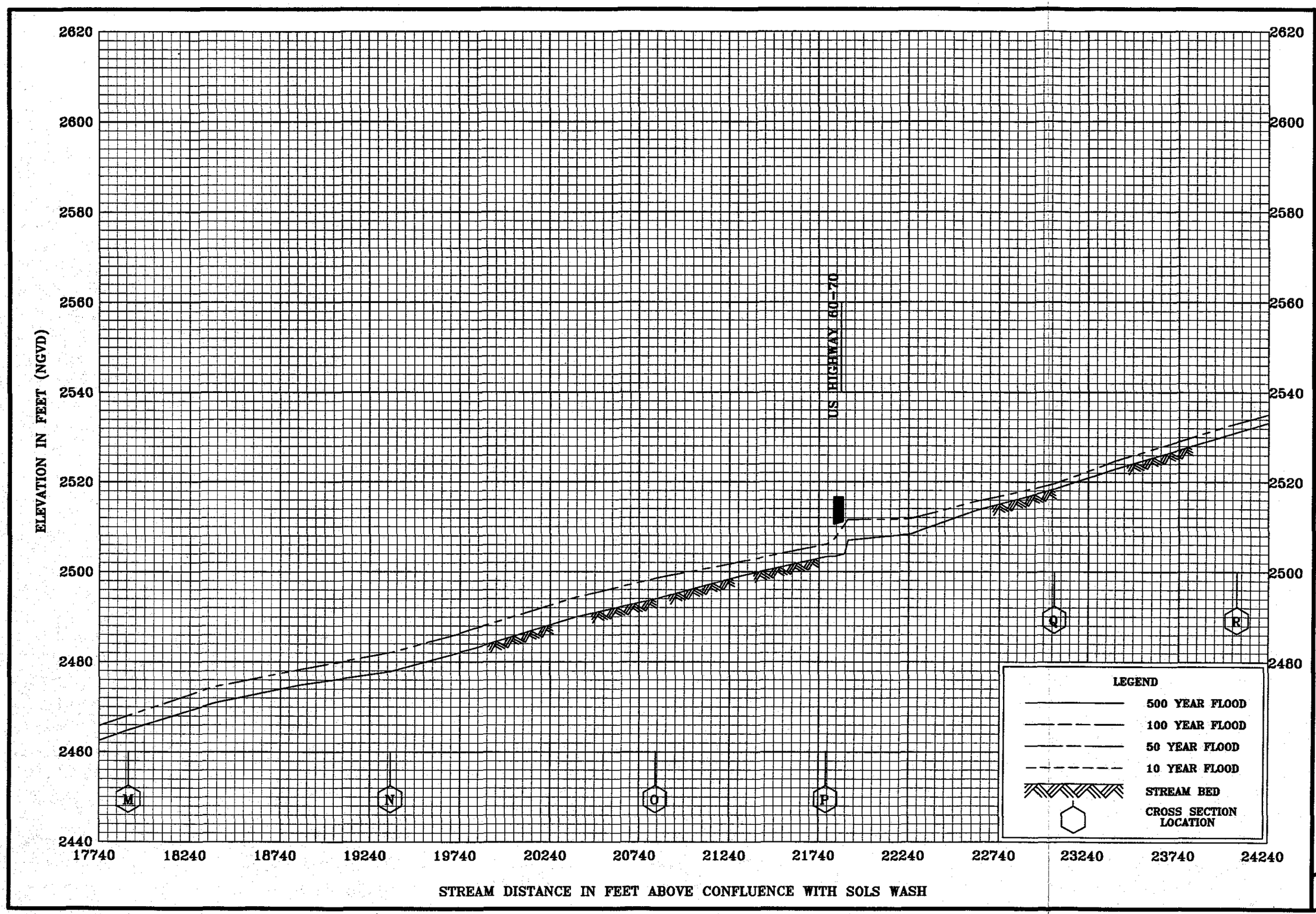
SOLS WASH TRIBUTARY AH5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

981P



FLOOD PROFILES

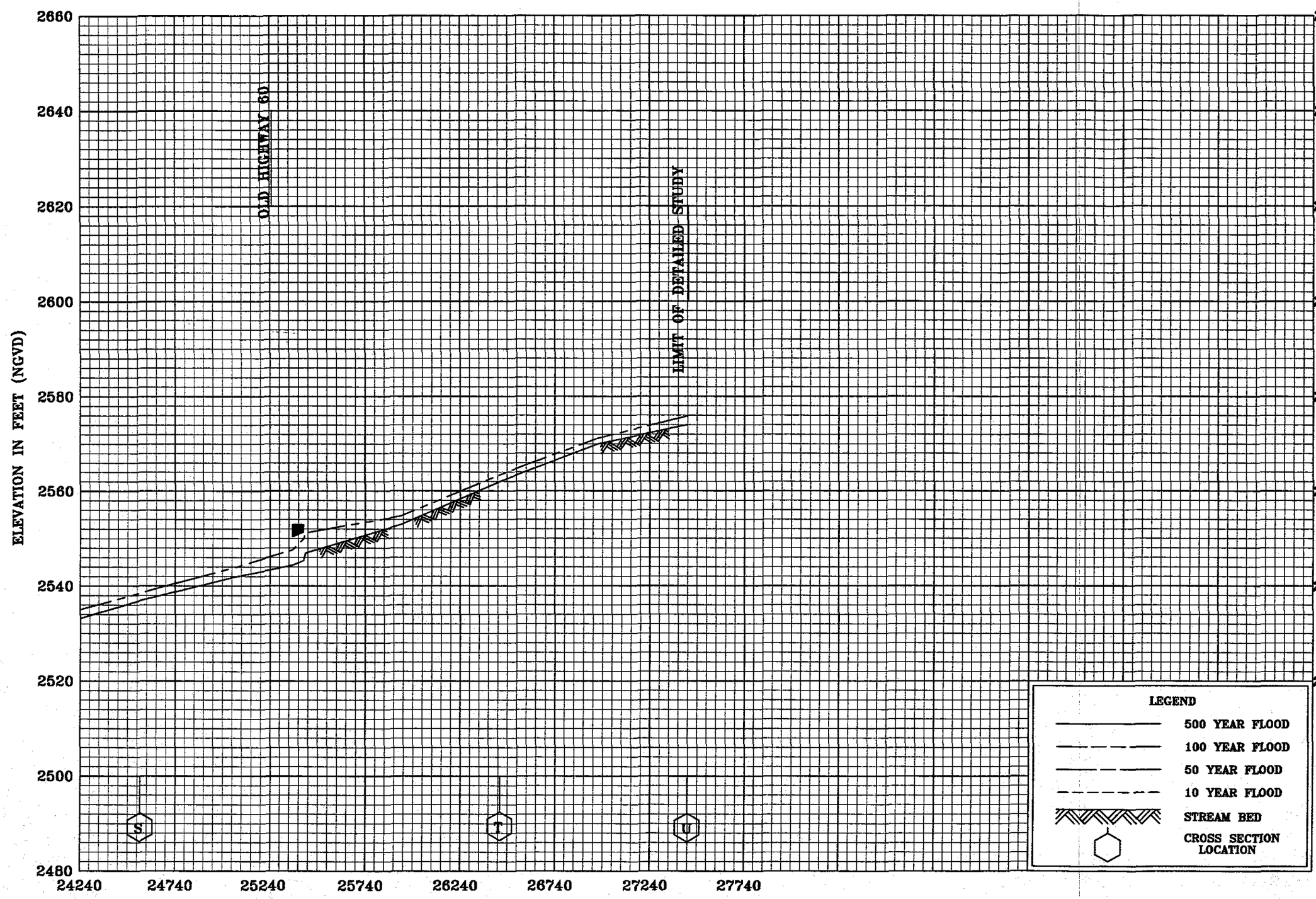
SOLS WASH TRIBUTARY AH5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

982P



FLOOD PROFILES

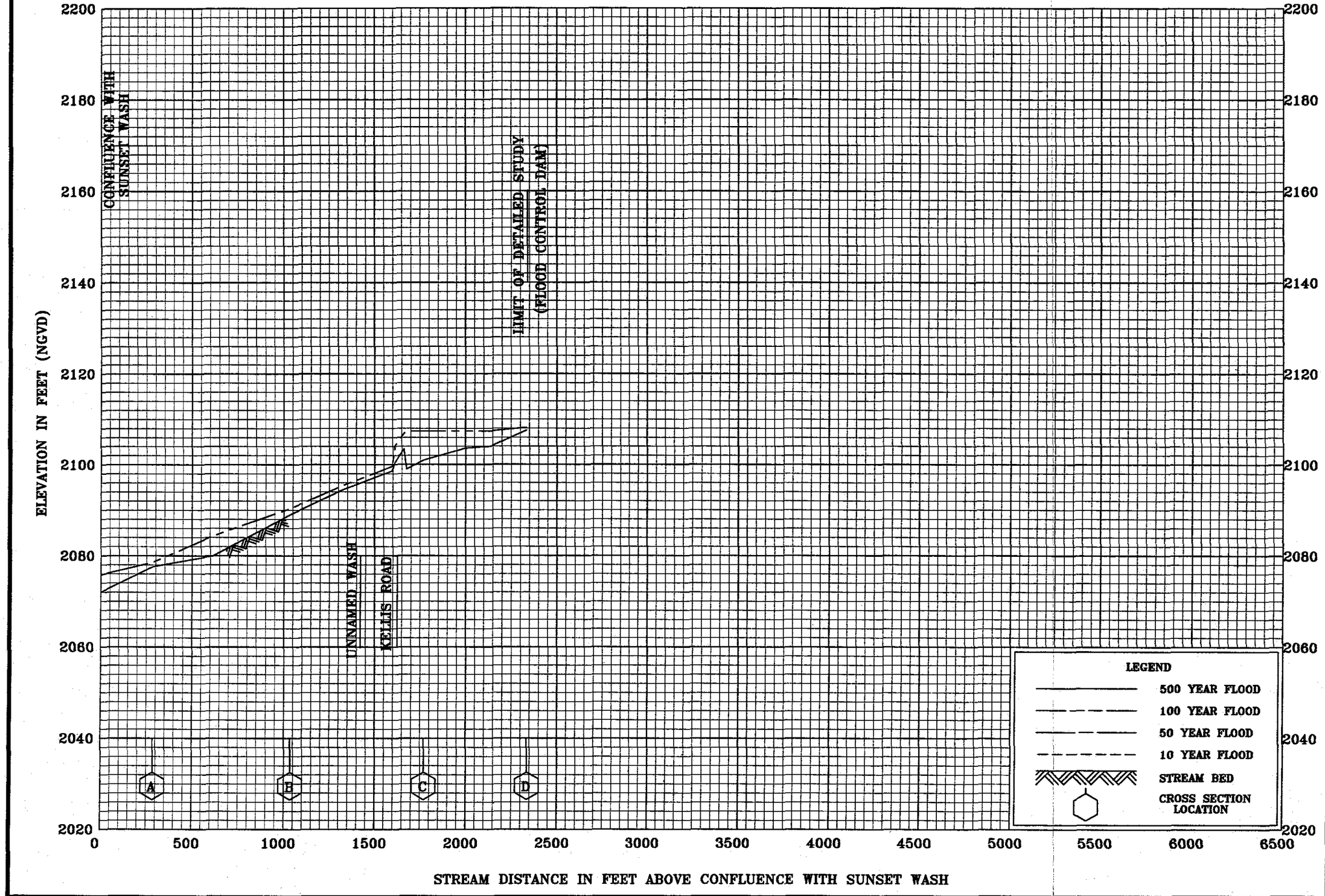
SOLS WASH TRIBUTARY AH5

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

983P



FLOOD PROFILES

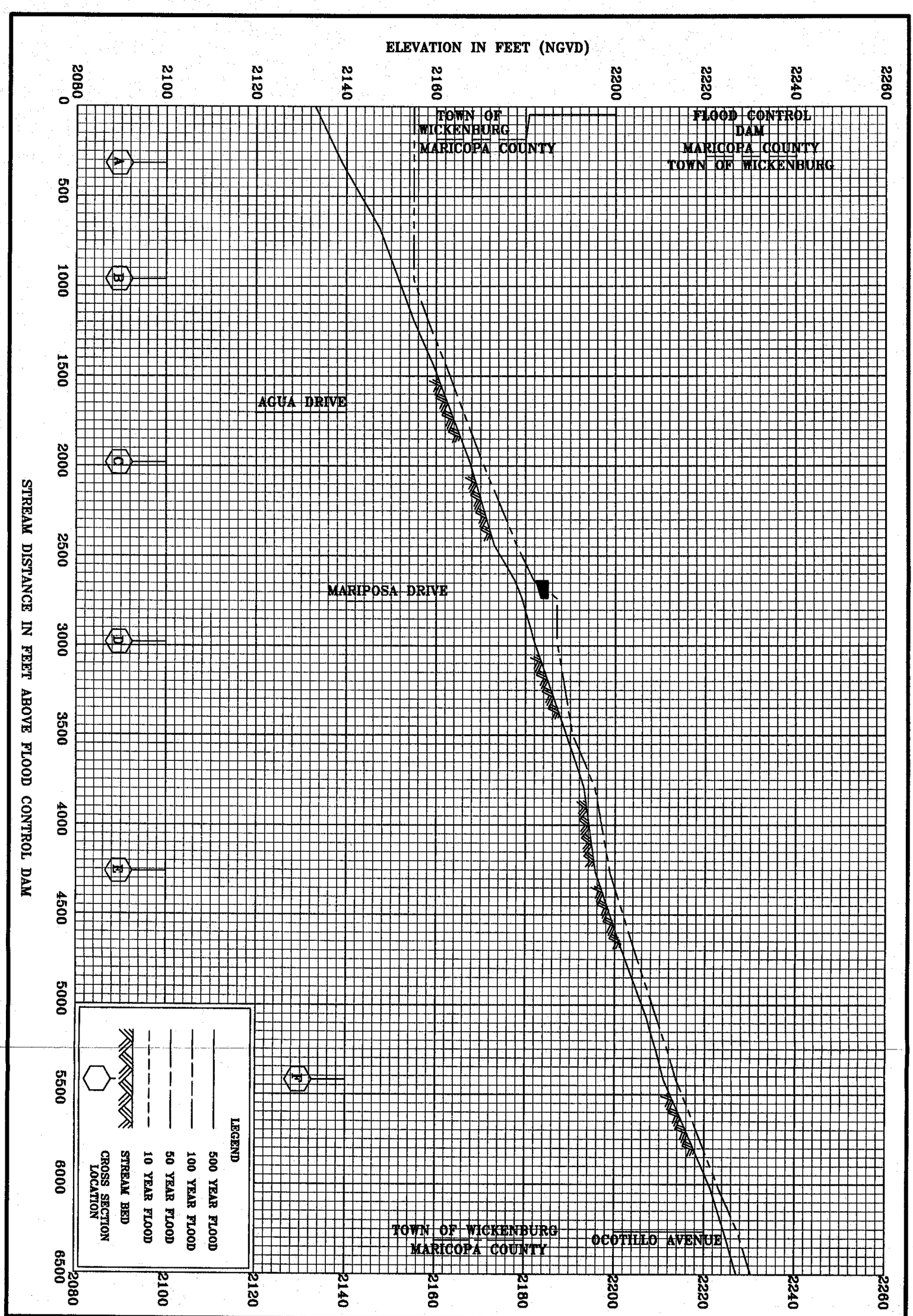
SUNNY COVE WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

984P



985P

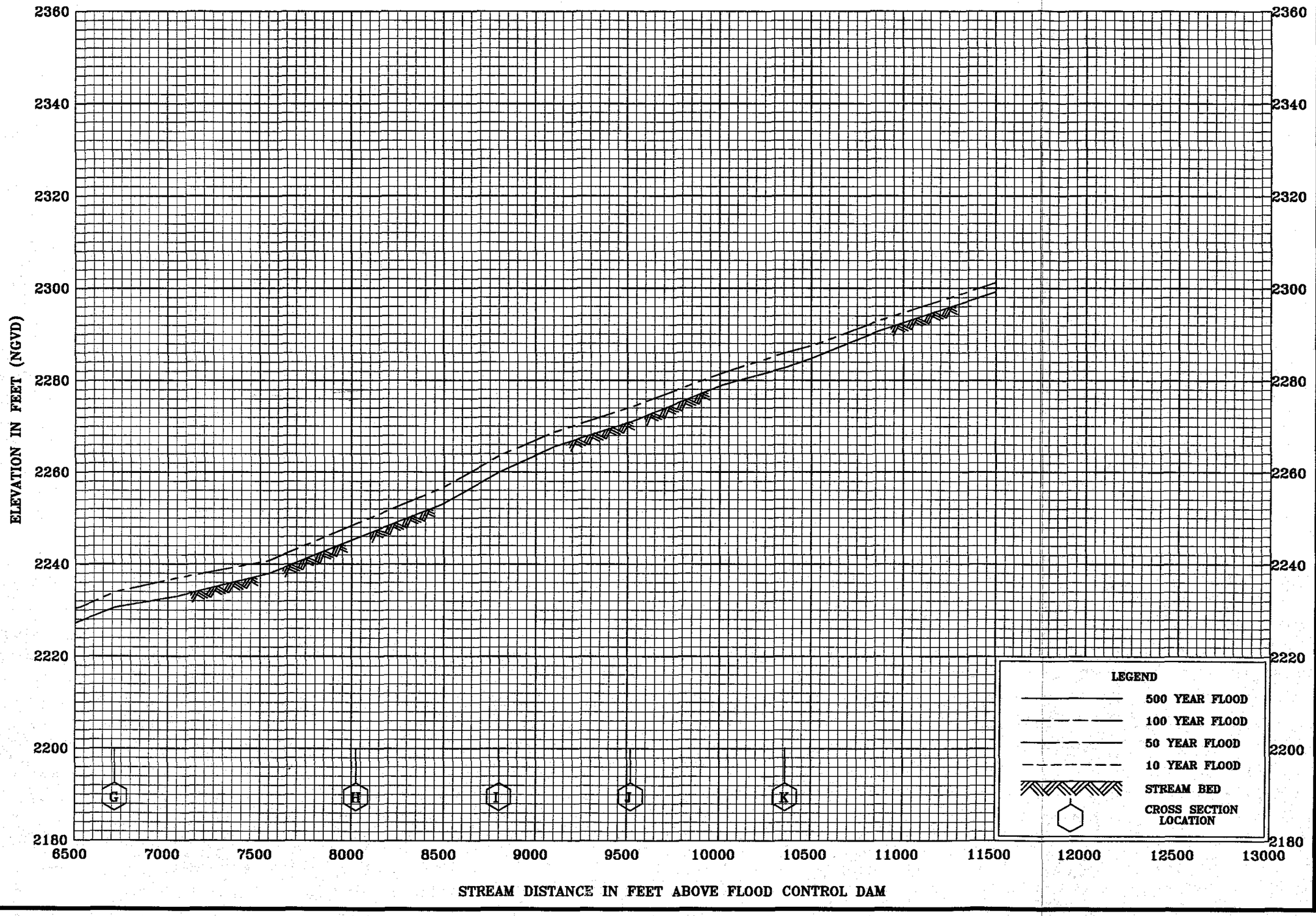
FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

FLOOD PROFILES

SUNNY COVE WASH (UPPER REACH)



FLOOD PROFILES

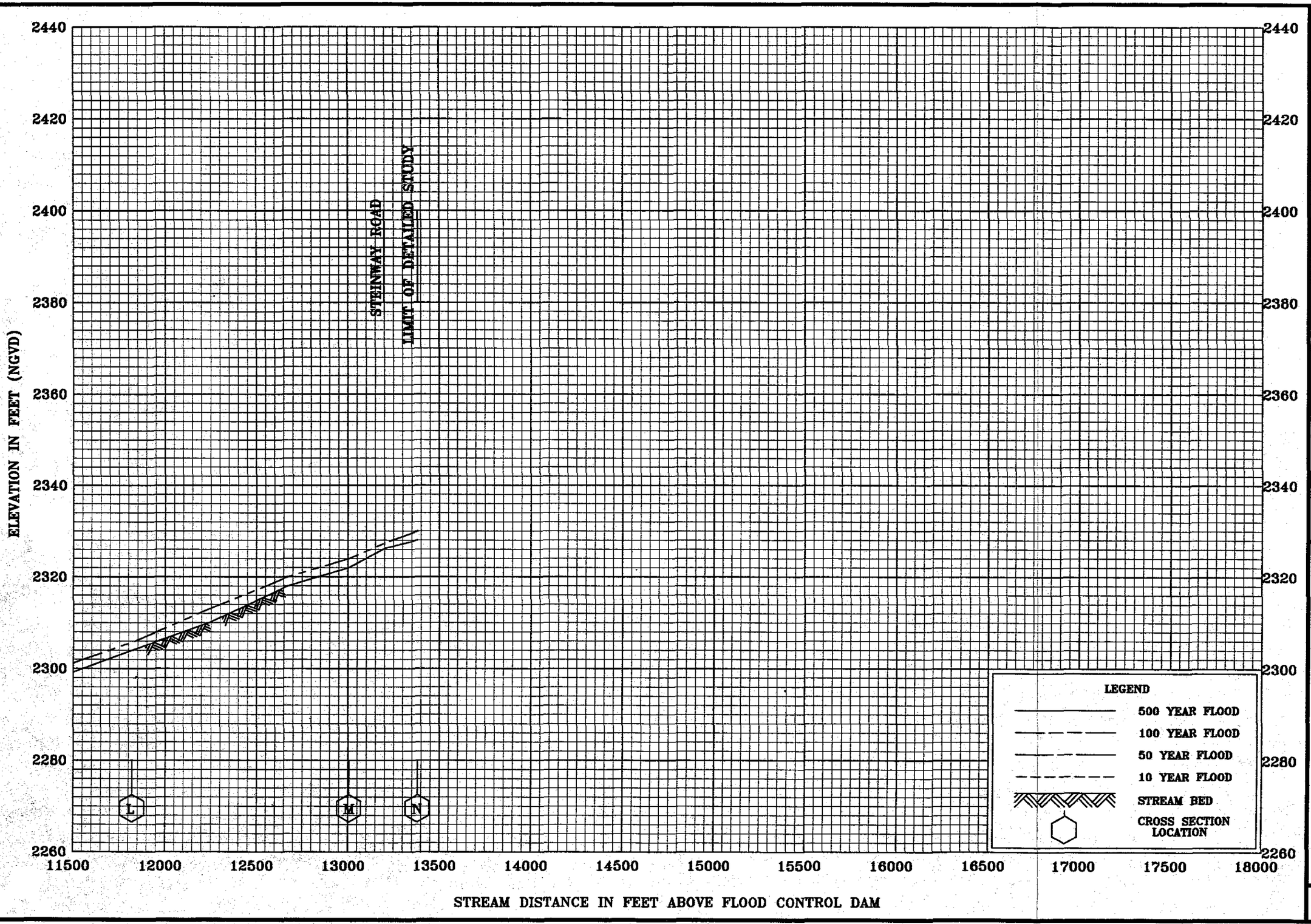
SUNNY COVE WASH(UPPER REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

986P



FLOOD PROFILES

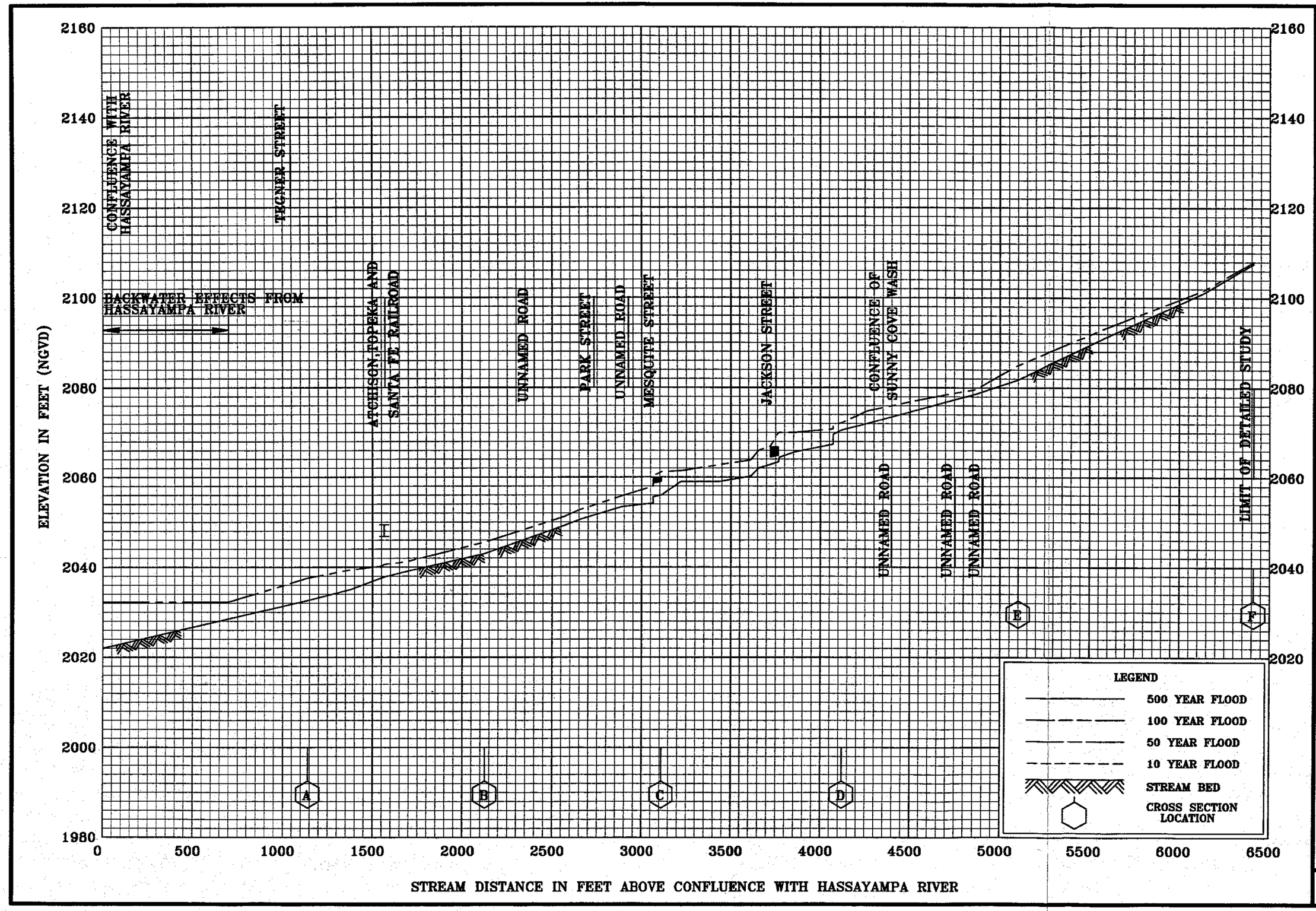
SUNNY COVE WASH(UPPER REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

987P



FLOOD PROFILES

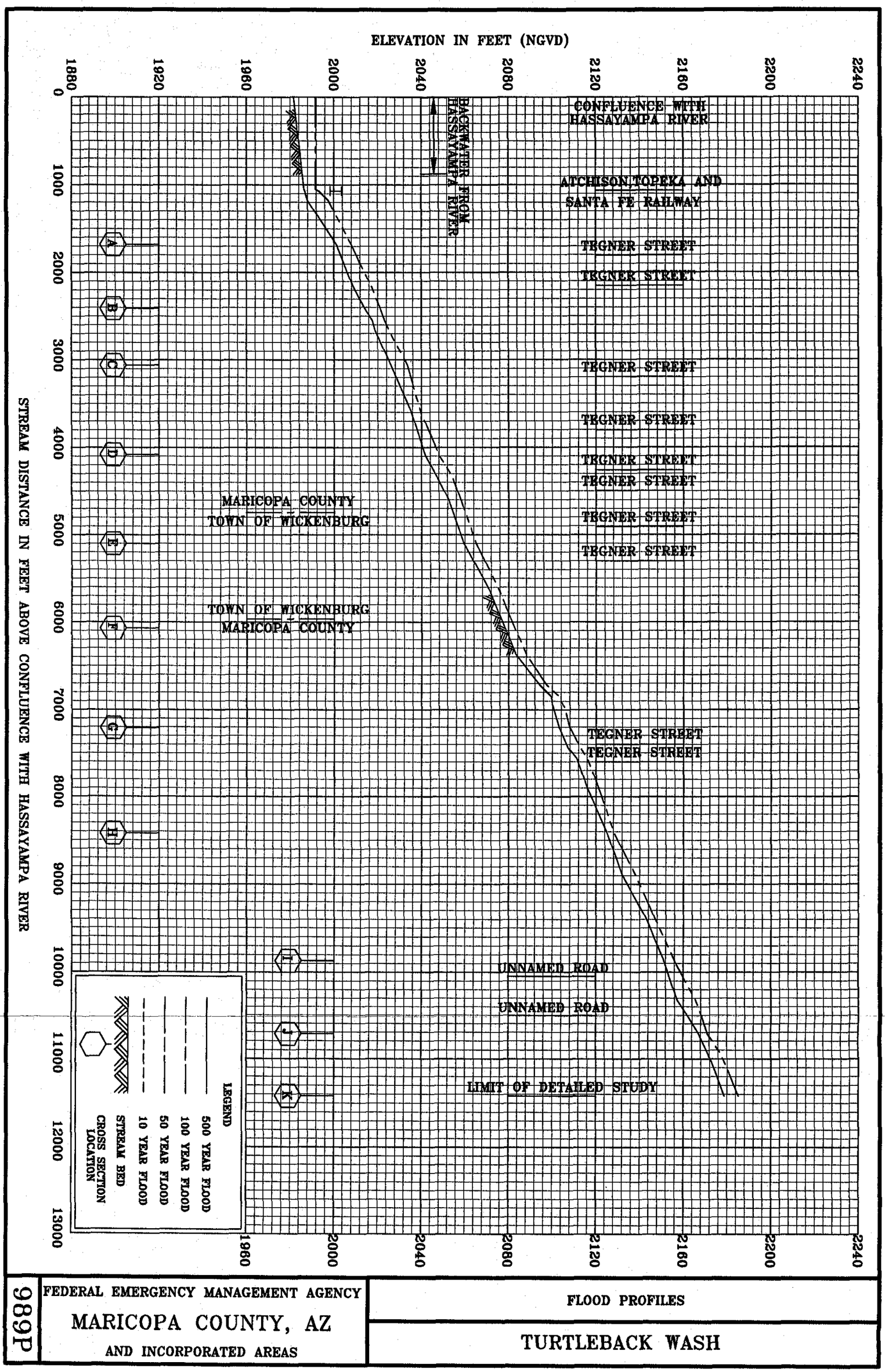
SUNSET WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

988P



FEDERAL EMERGENCY MANAGEMENT AGENCY

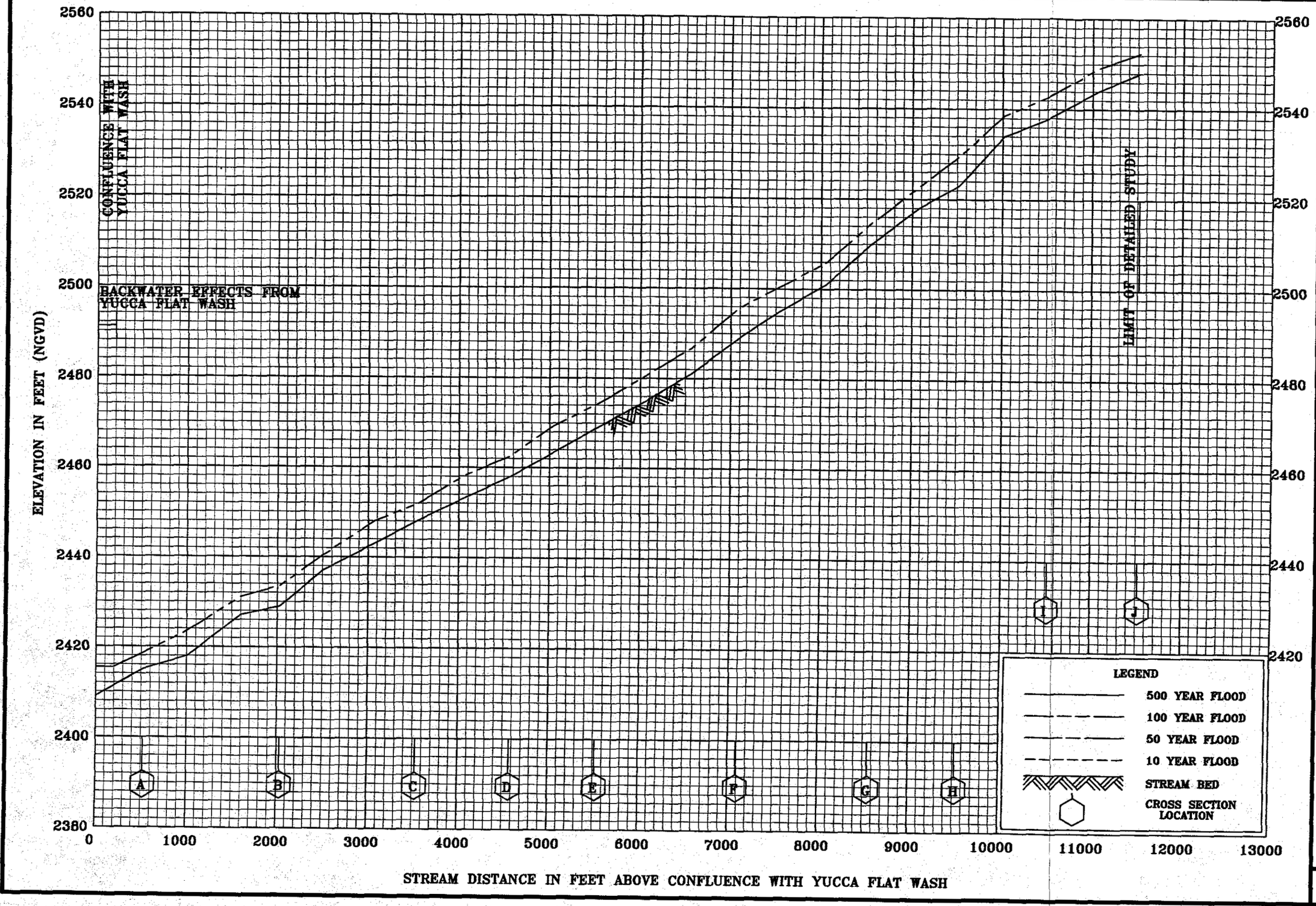
MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

FLOOD PROFILES

TURTLEBACK WASH

989P



FLOOD PROFILES

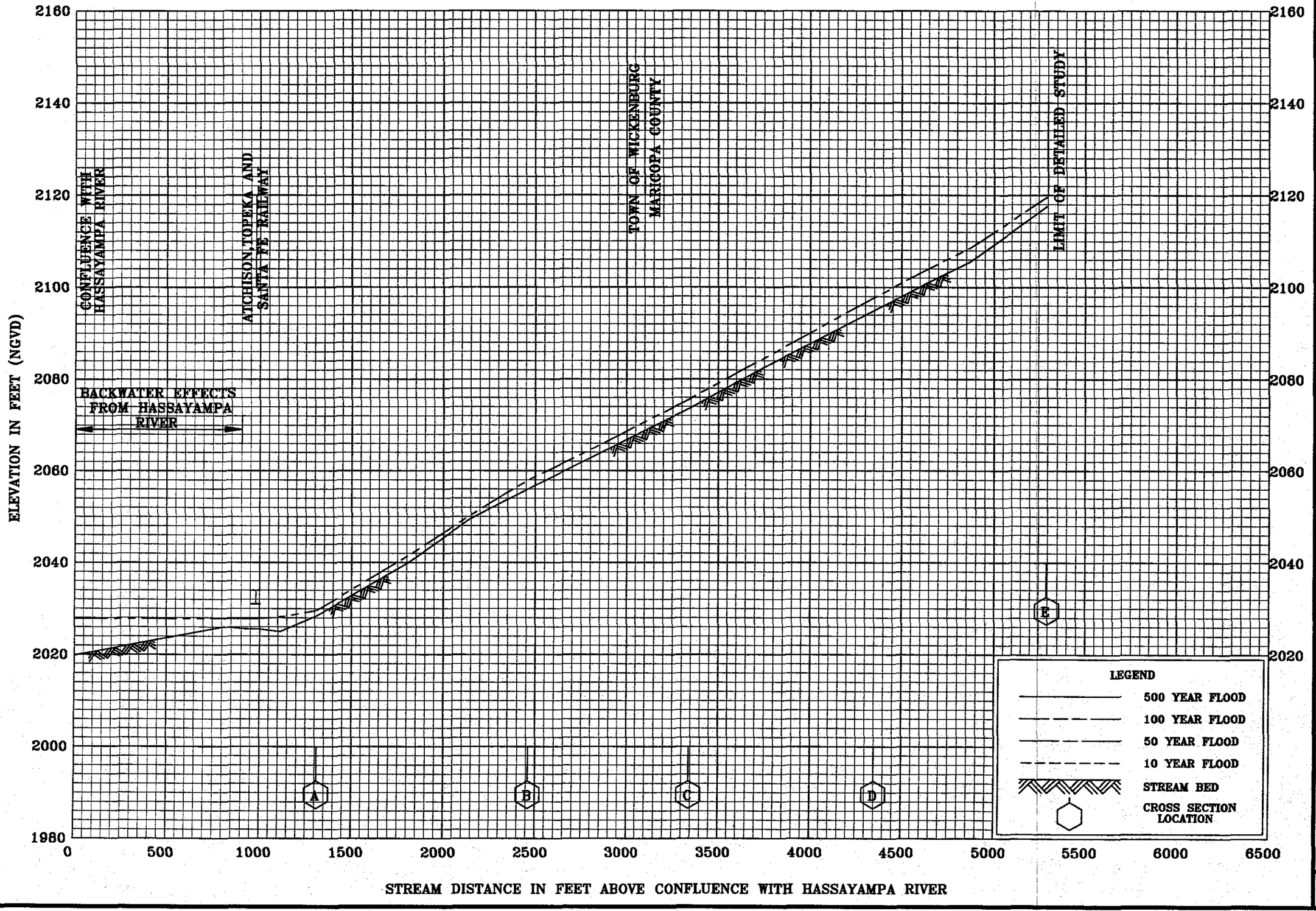
TWIN PEAKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

990P



FLOOD PROFILES

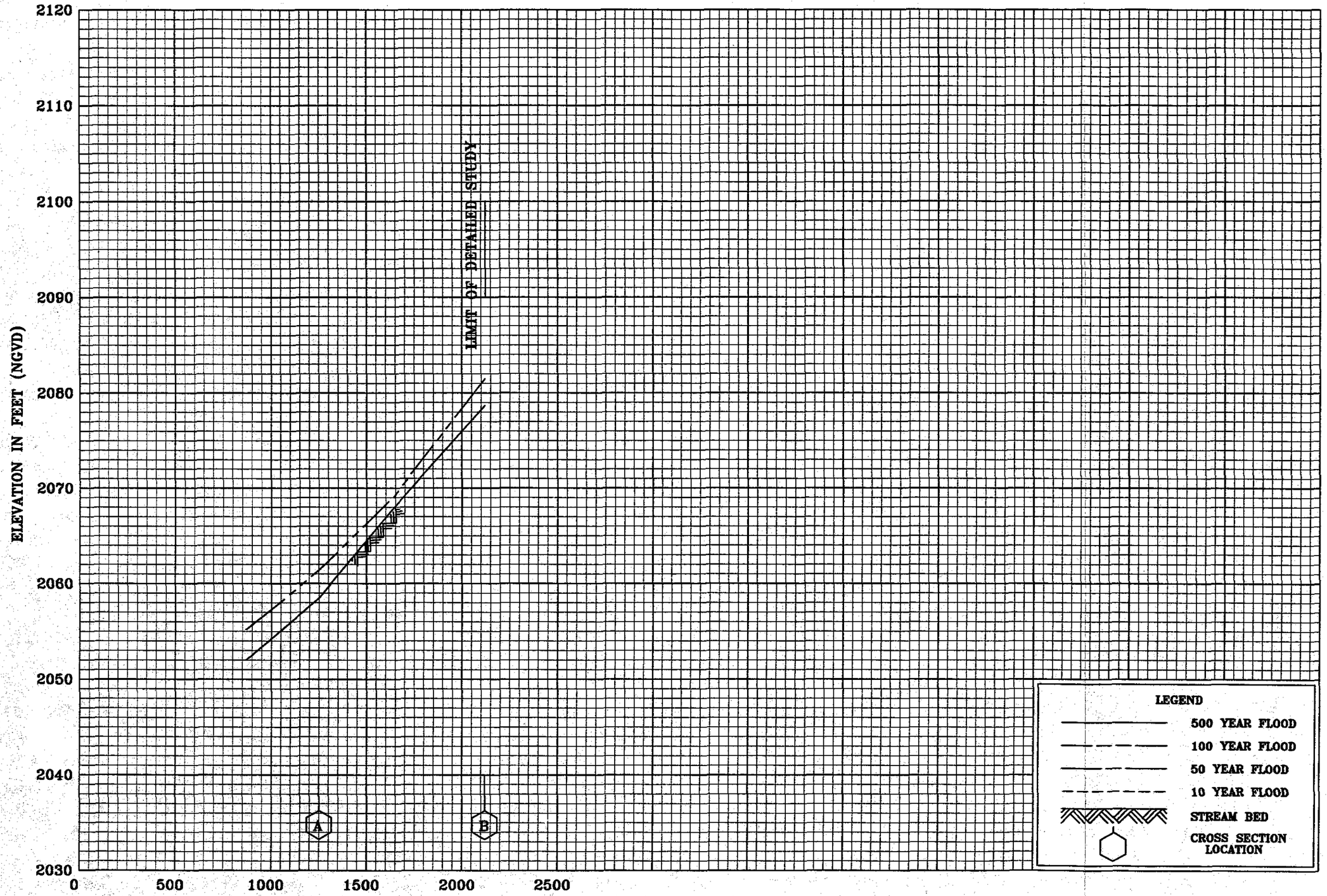
WASH AG

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

991P



FLOOD PROFILES

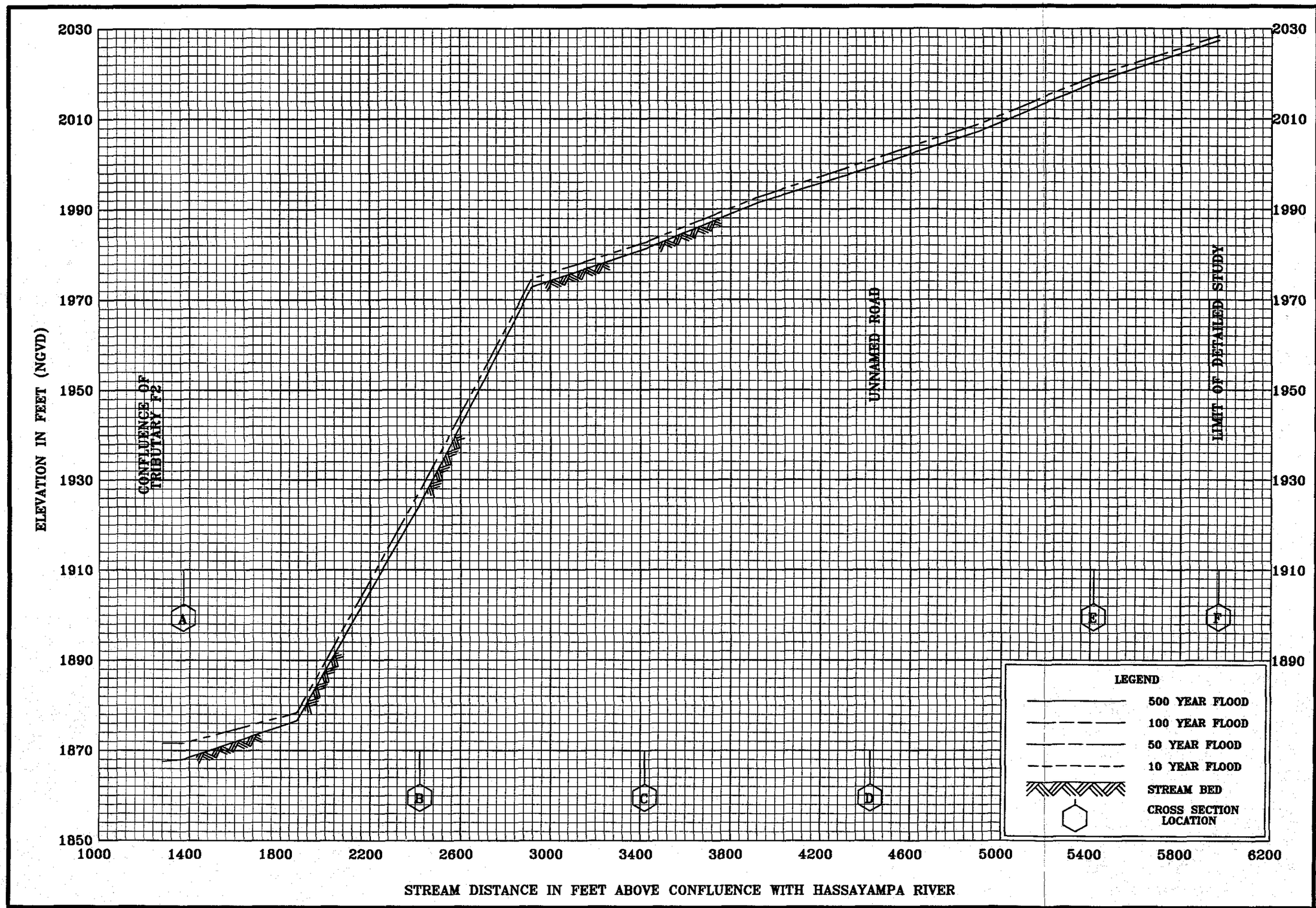
WASH E2

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

992P



FLOOD PROFILES

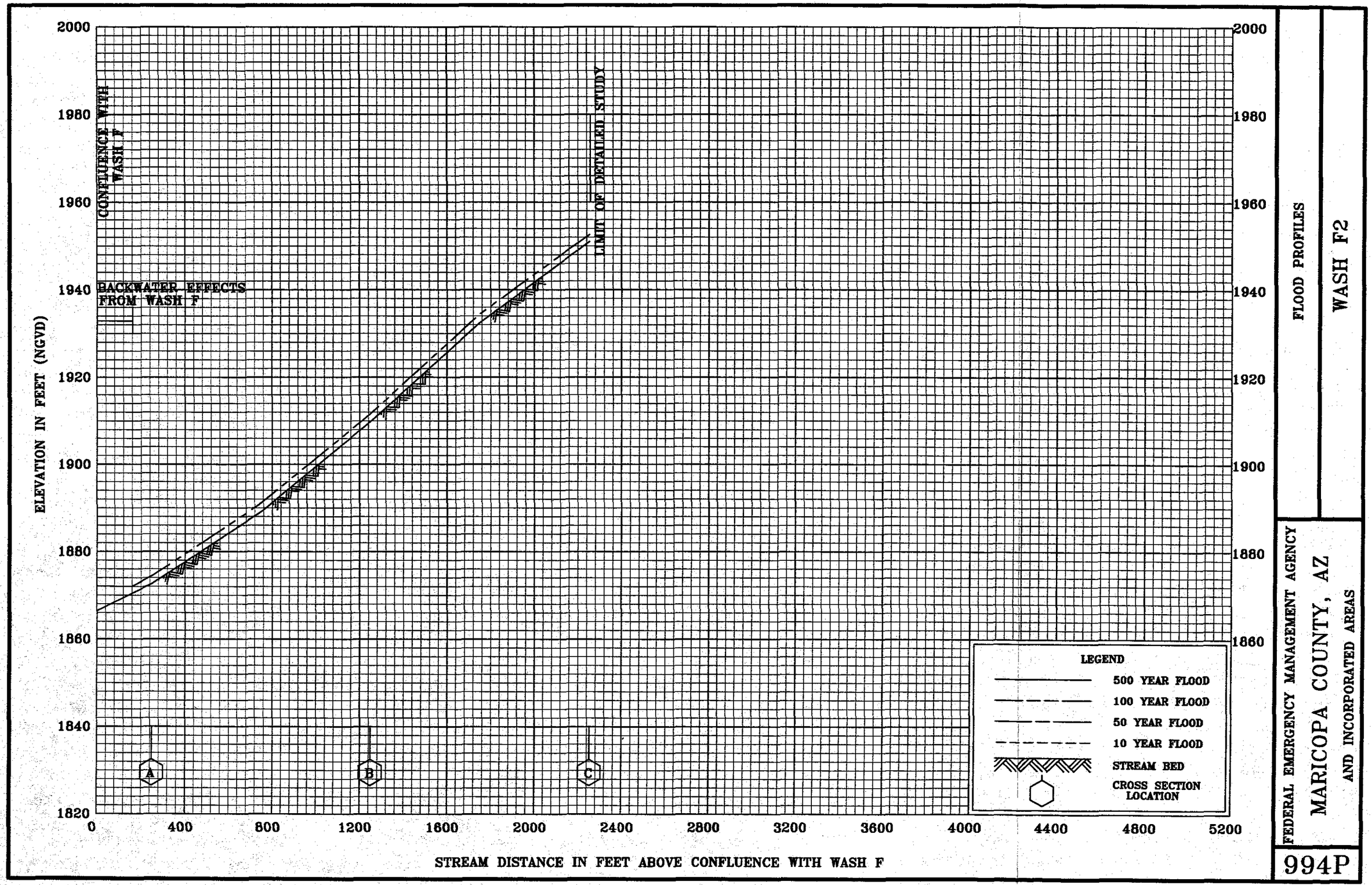
WASH F

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

993P



FLOOD PROFILES

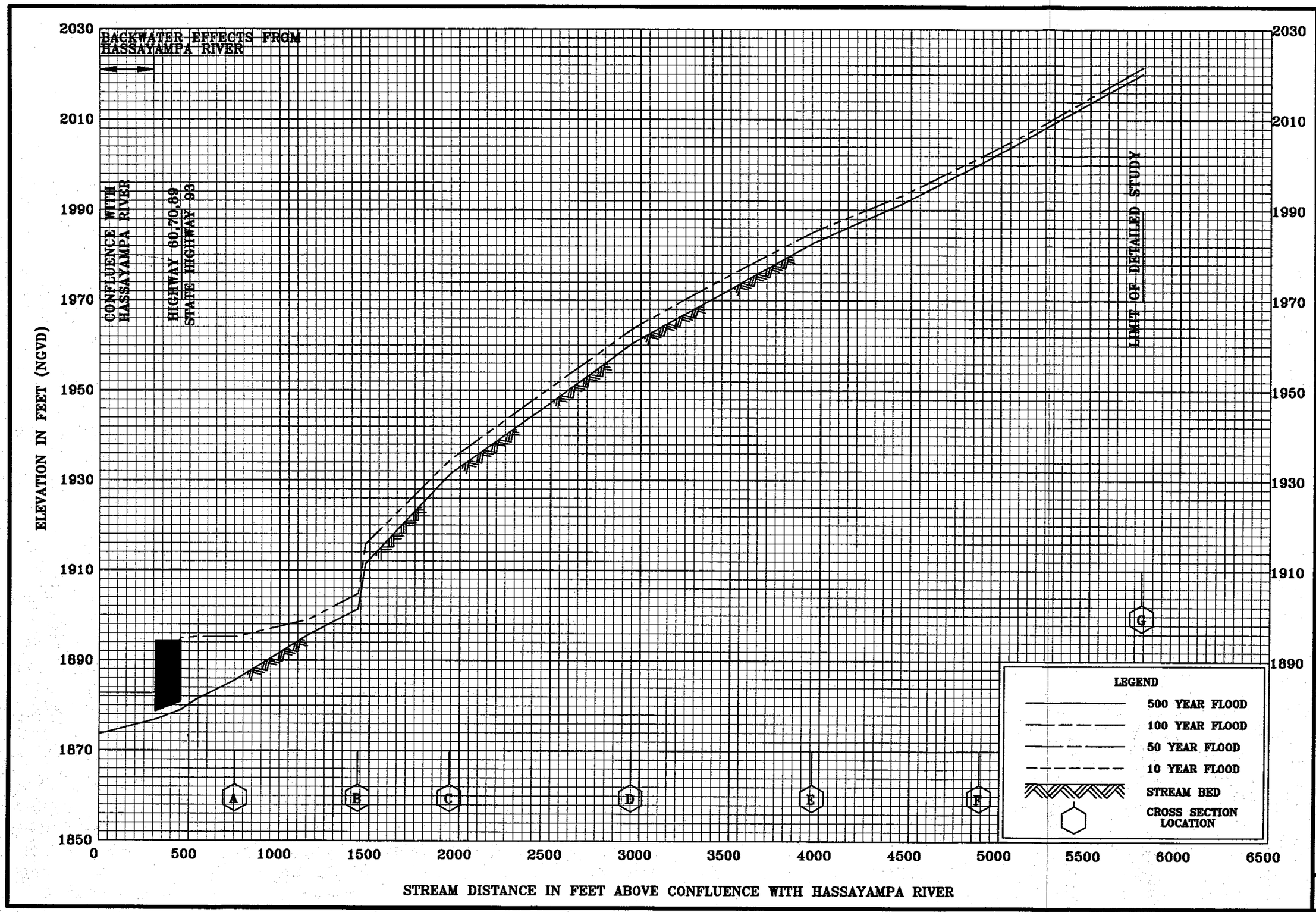
WASH F2

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

994P



FLOOD PROFILES

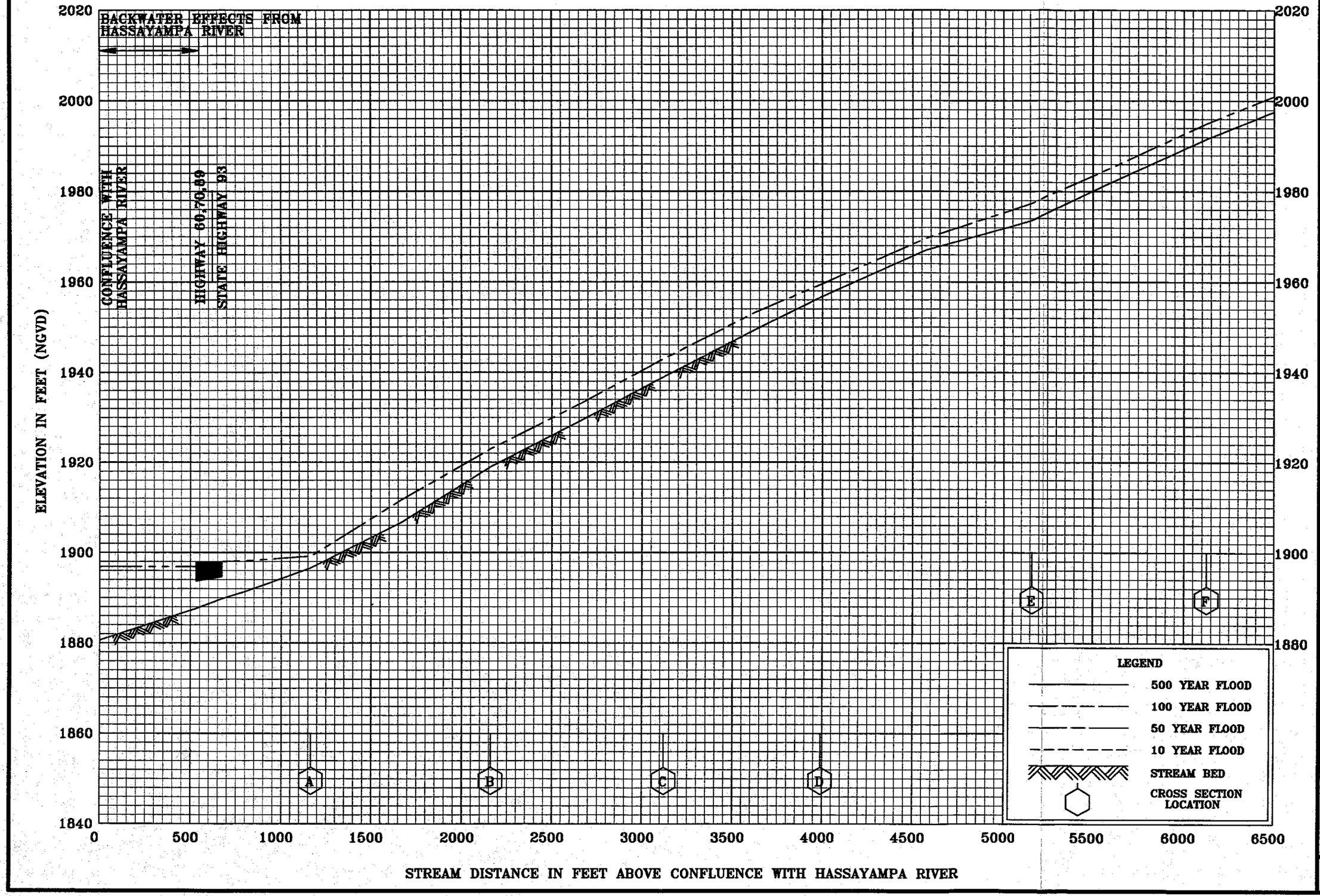
WASH G

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

995P



FLOOD PROFILES

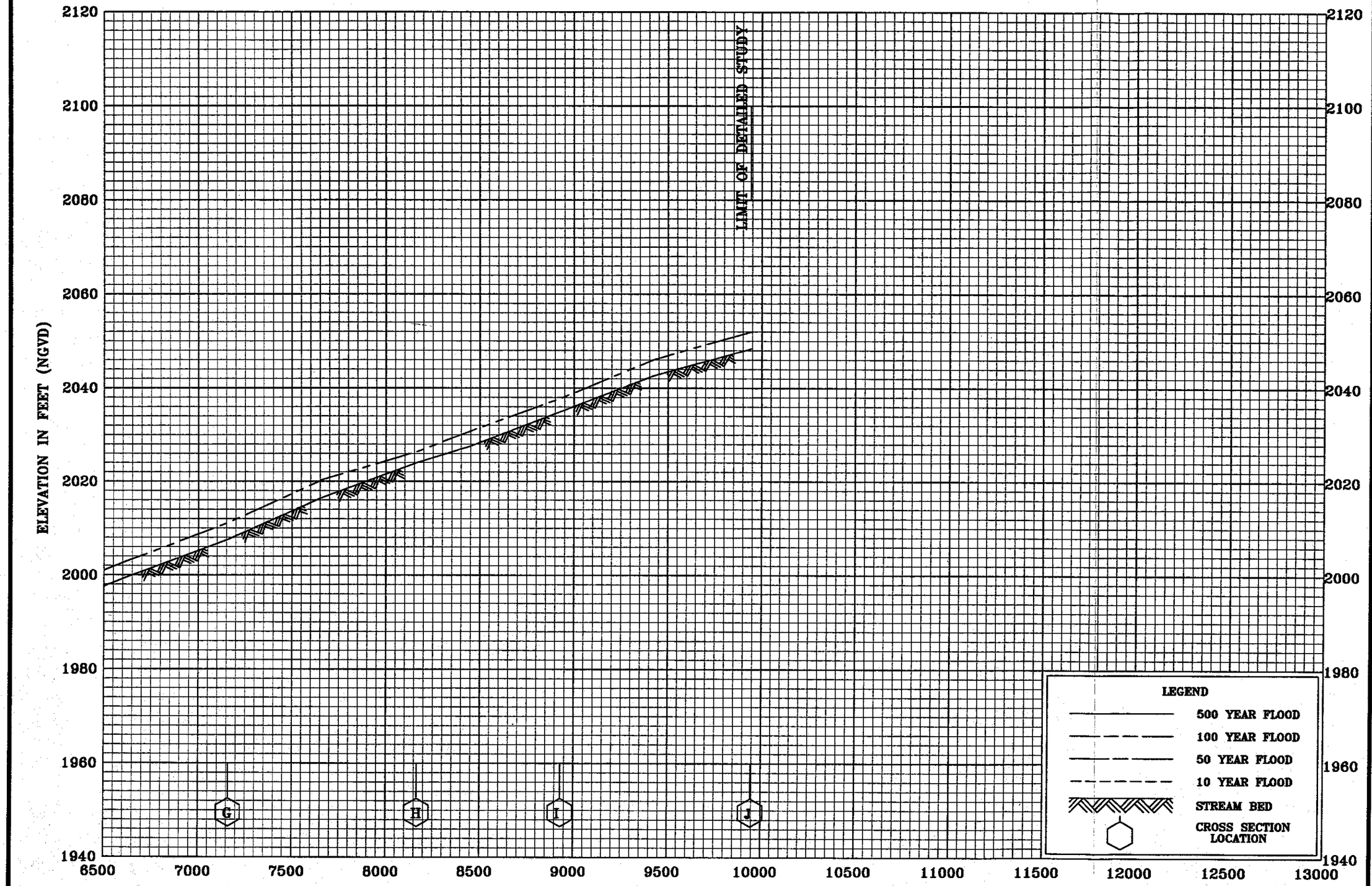
WASH H

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

996P



FLOOD PROFILES

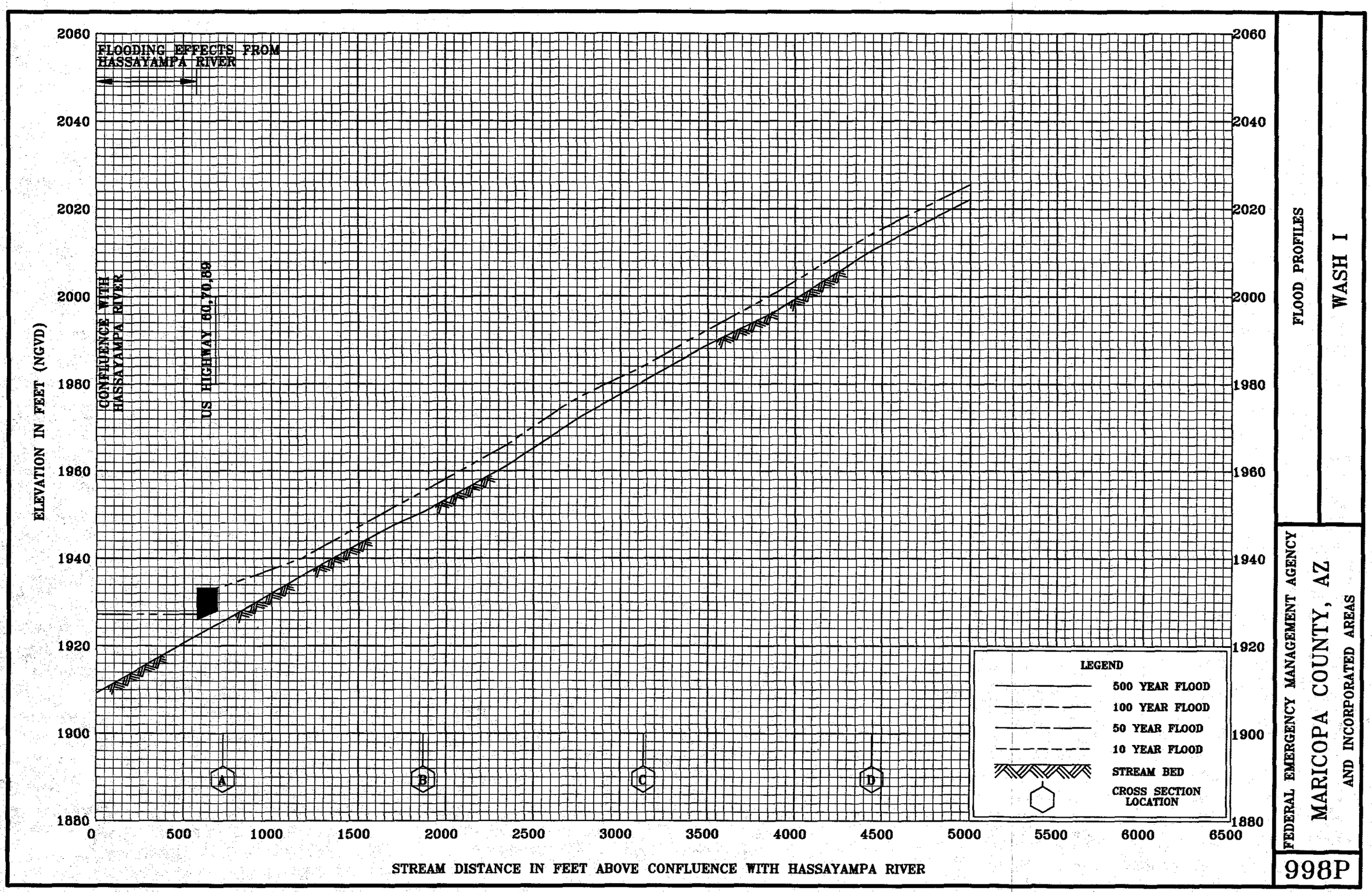
WASH H

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

997P



FLOOD PROFILES

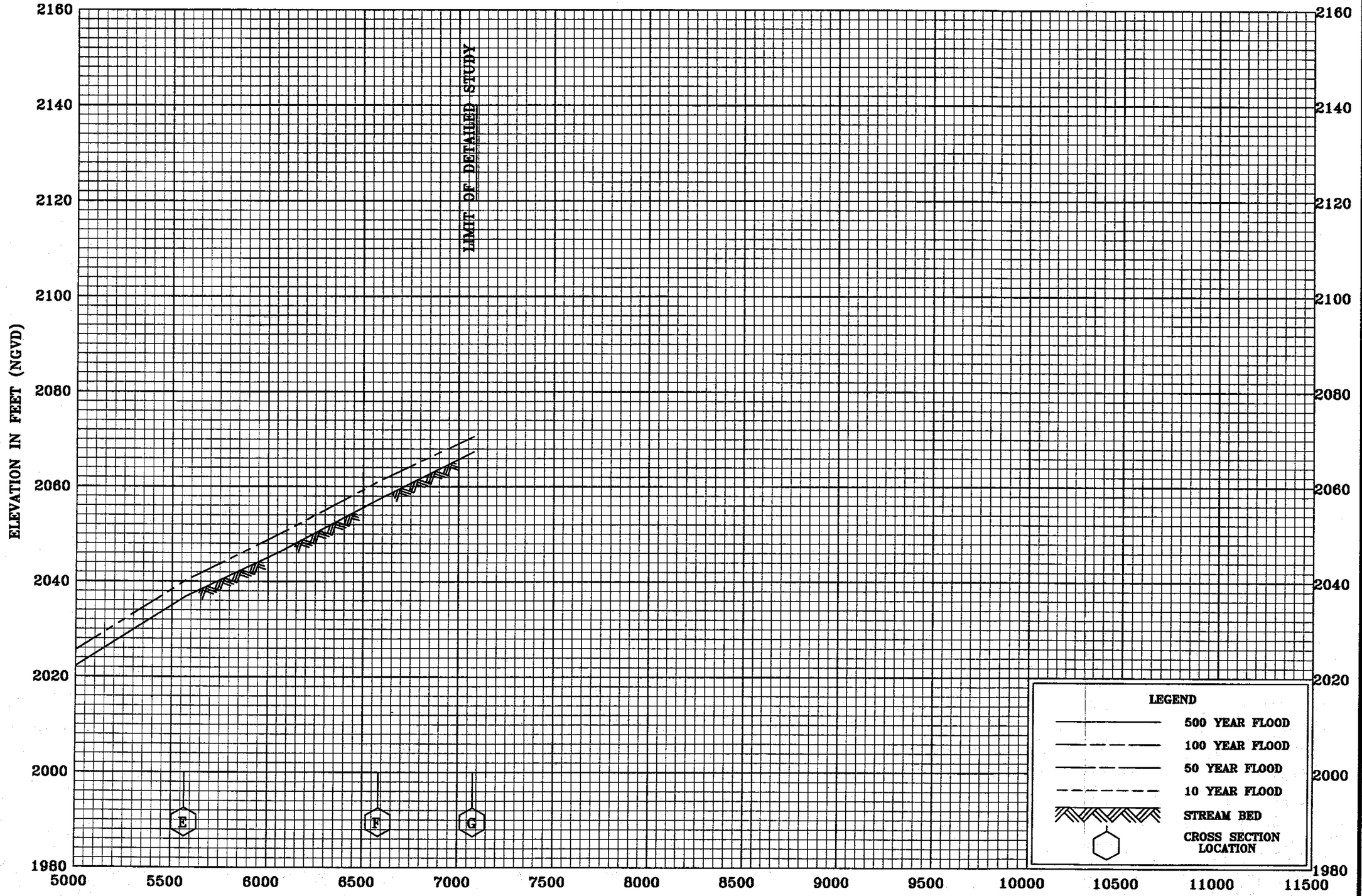
WASH I

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

998P



FLOOD PROFILES

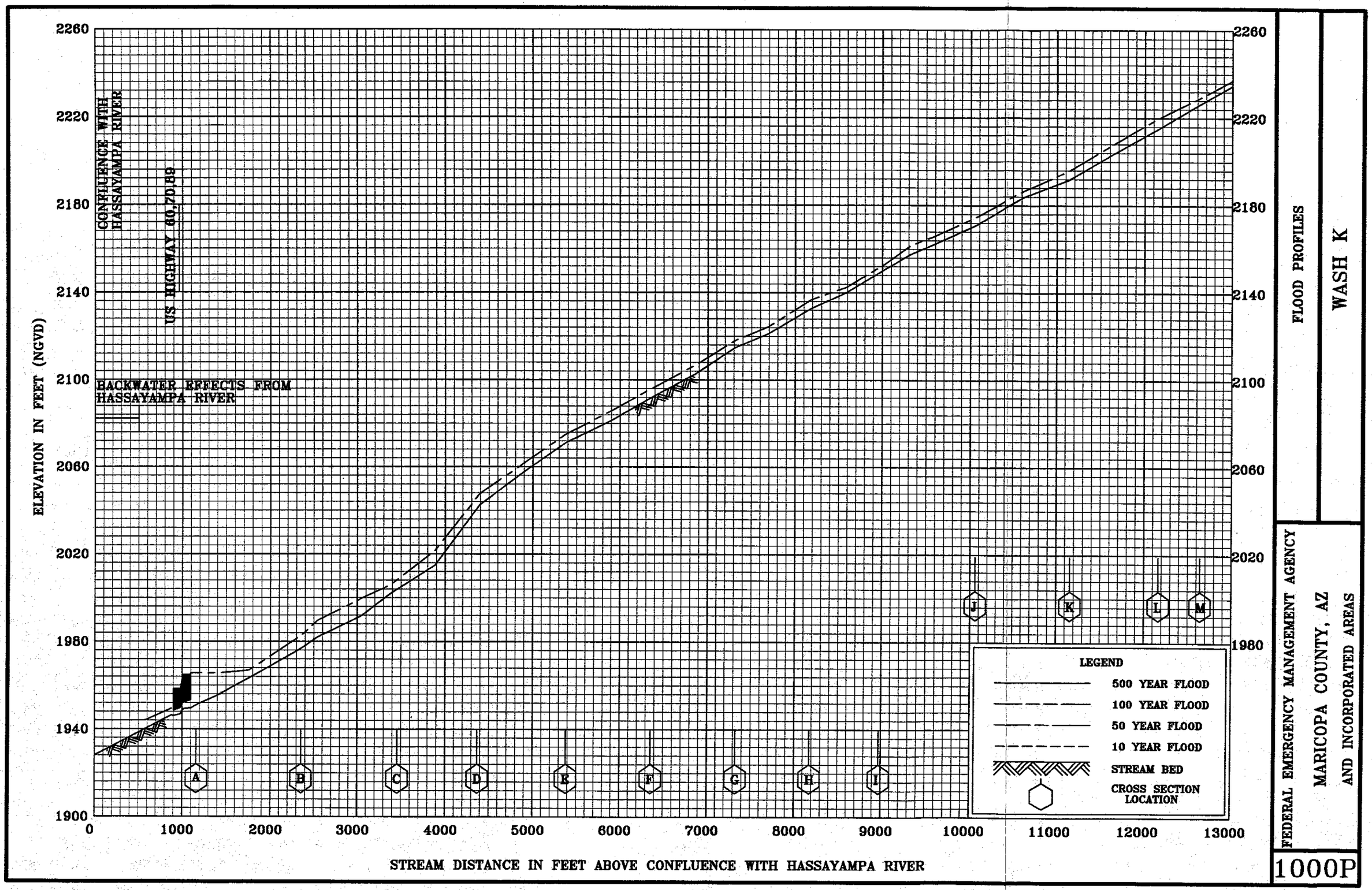
WASH I

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

999P



FLOOD PROFILES

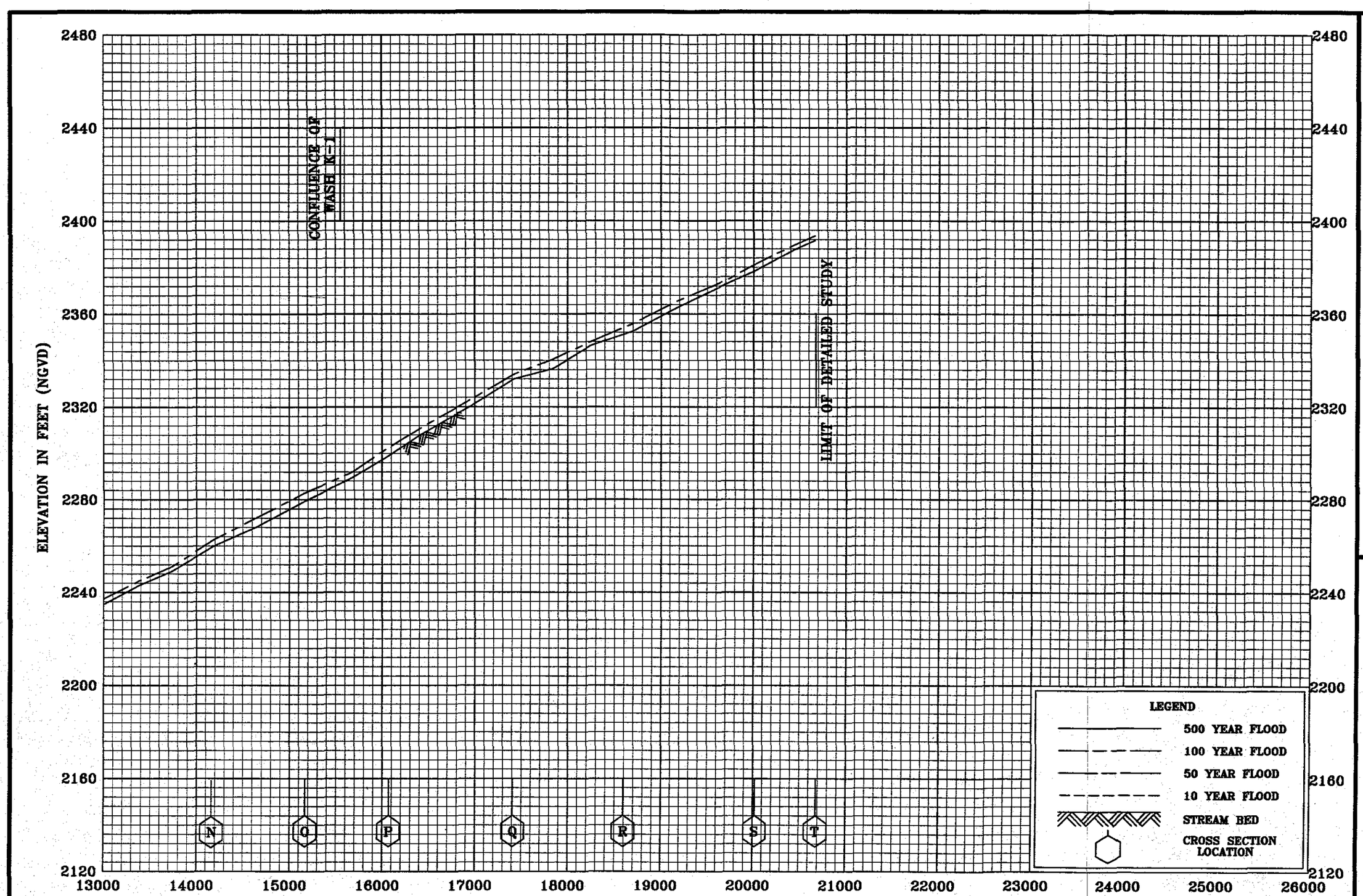
WASH K

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1000P



FLOOD PROFILES

WASH K

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1001P

FLOOD PROFILES

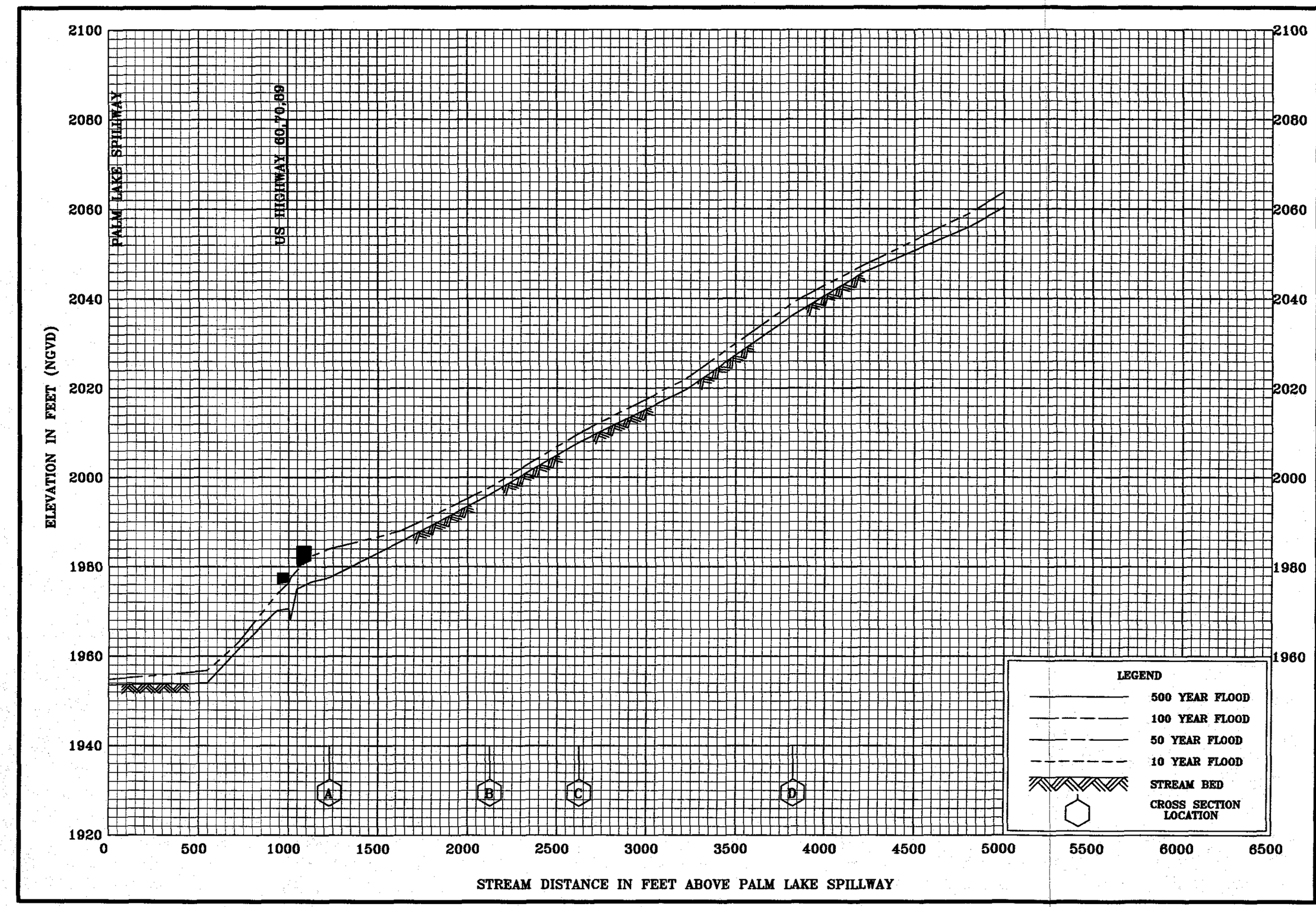
WASH K1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1002P



FLOOD PROFILES

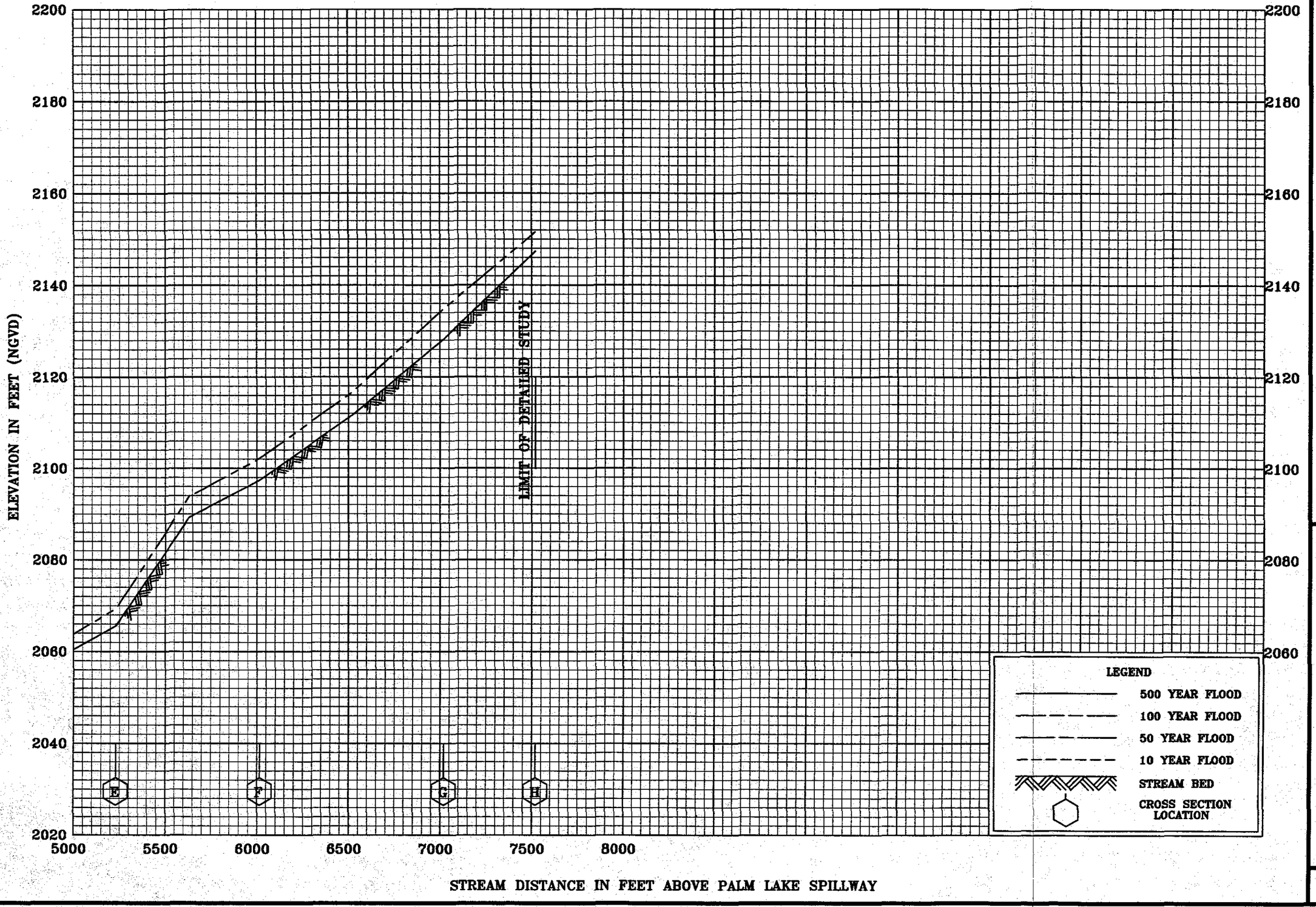
WASH L

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1003P



FLOOD PROFILES

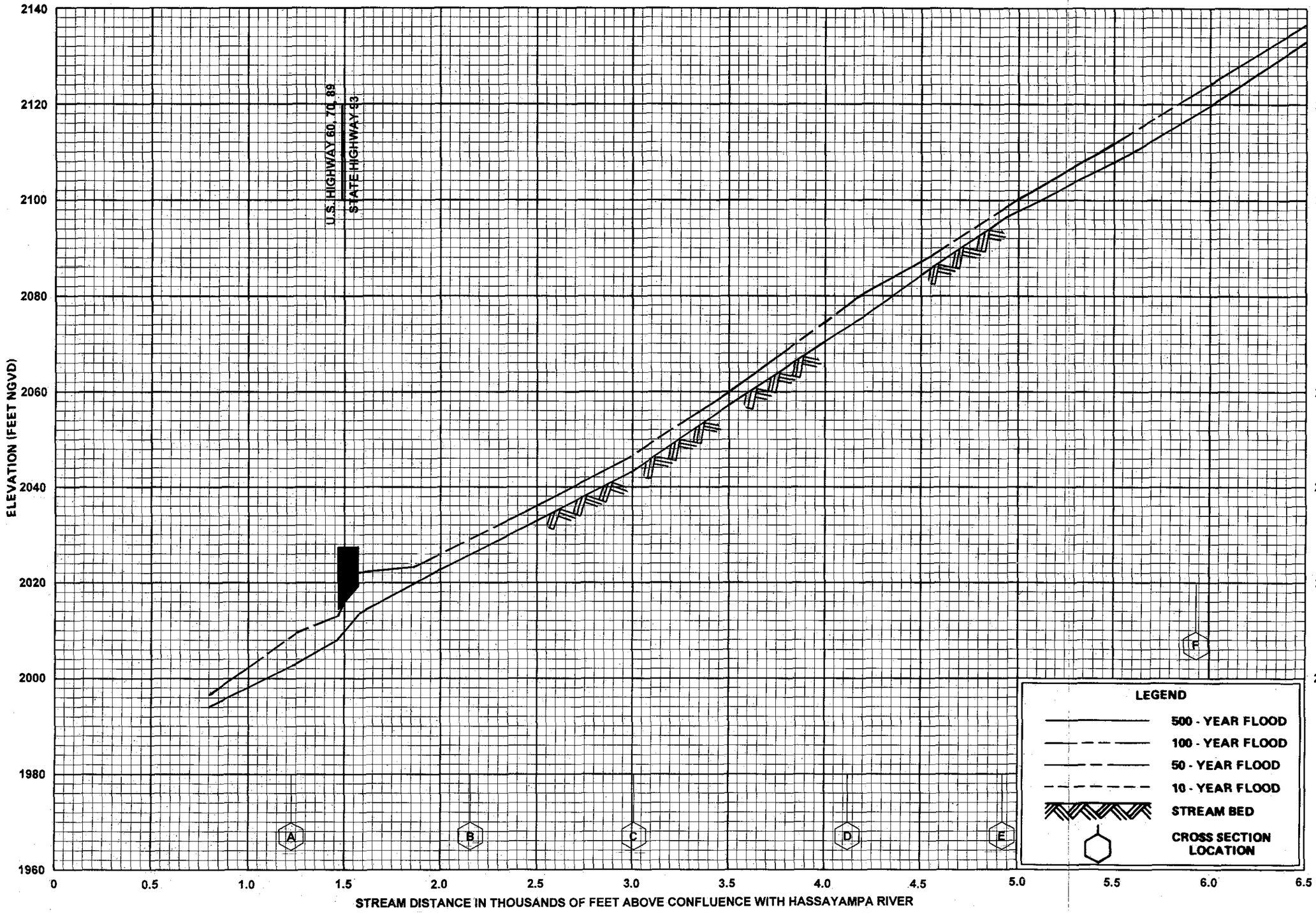
WASH L

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1004P



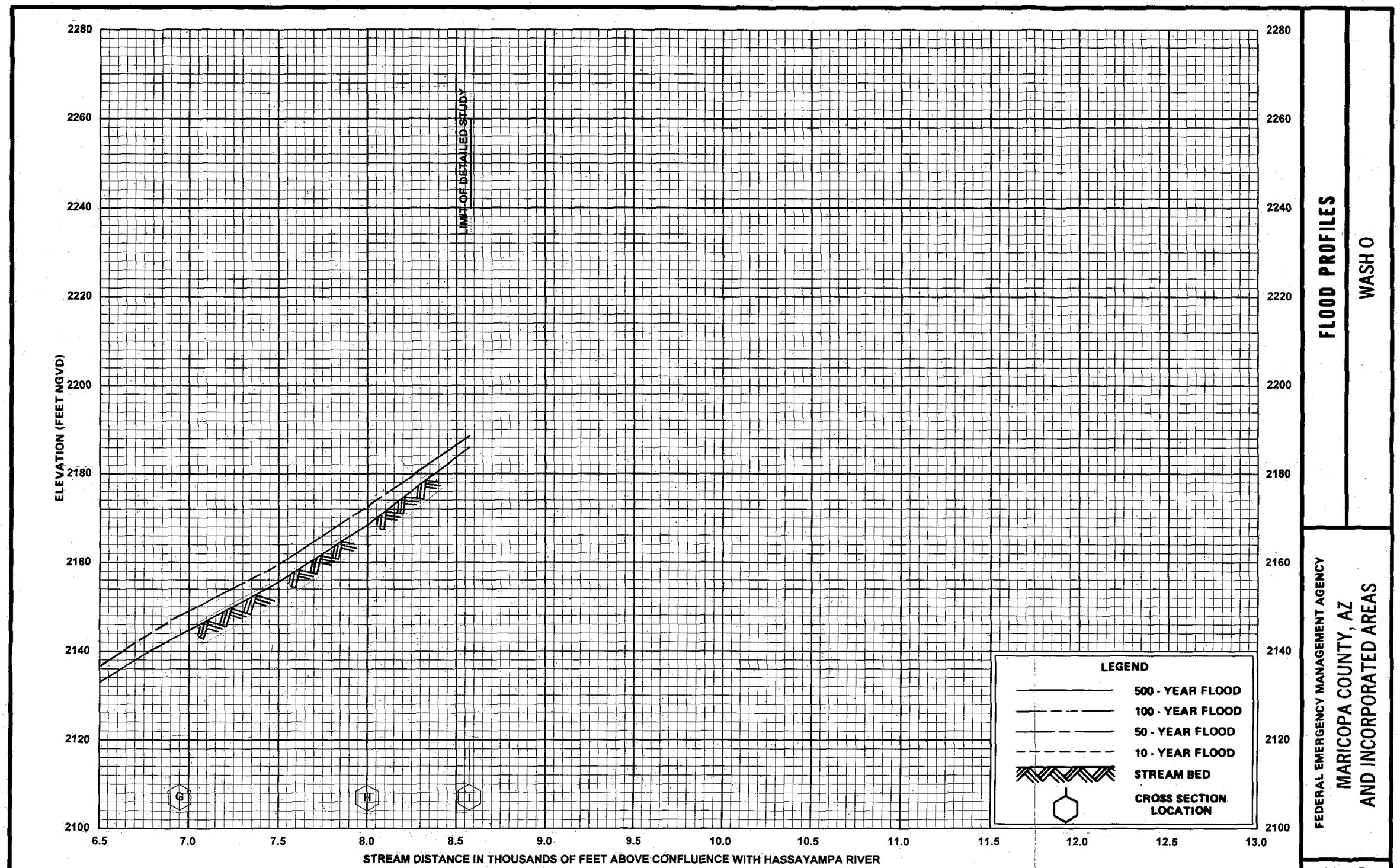
FLOOD PROFILES

WASH O

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1005P



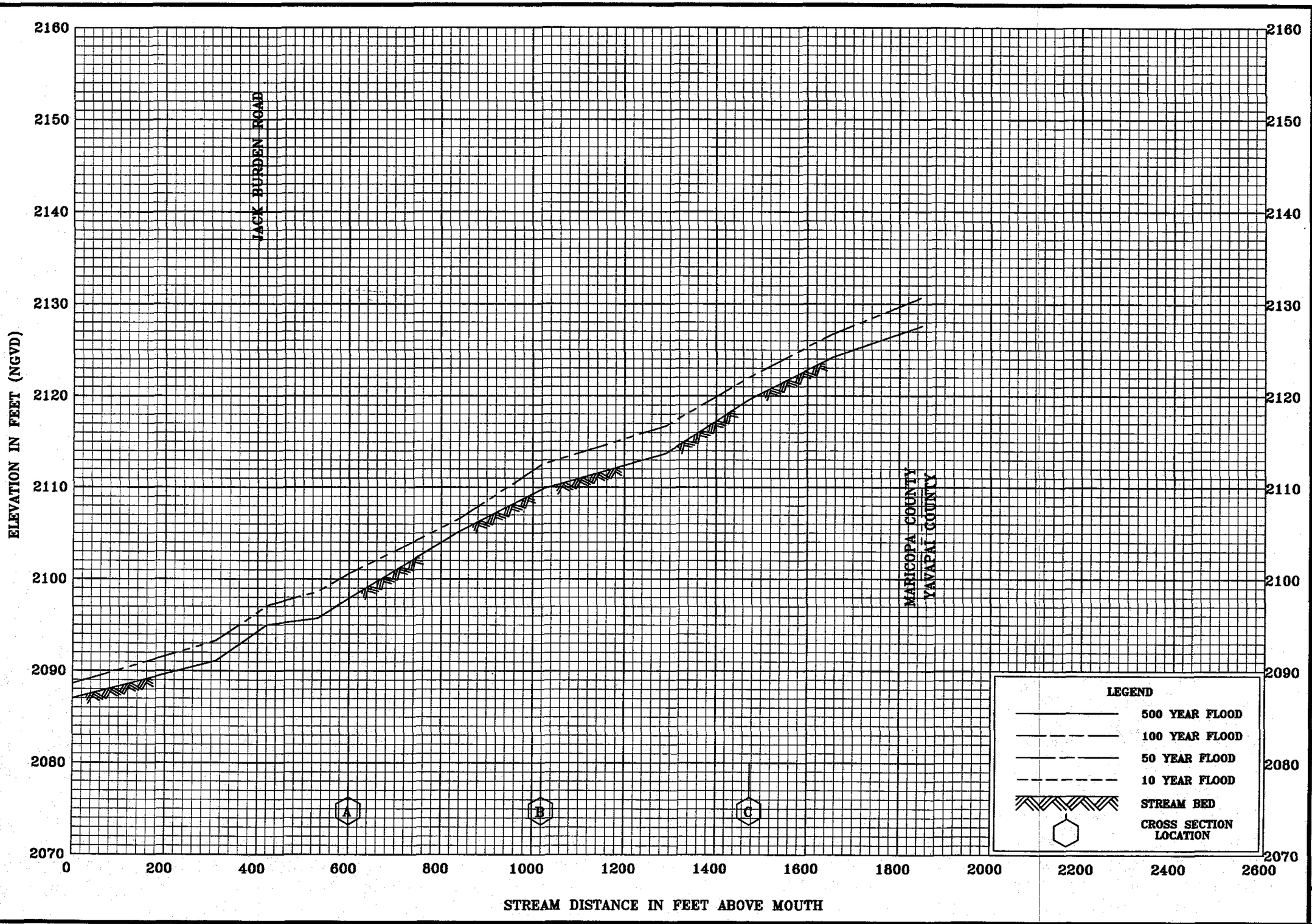
FLOOD PROFILES

WASH O

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1006P



FLOOD PROFILES

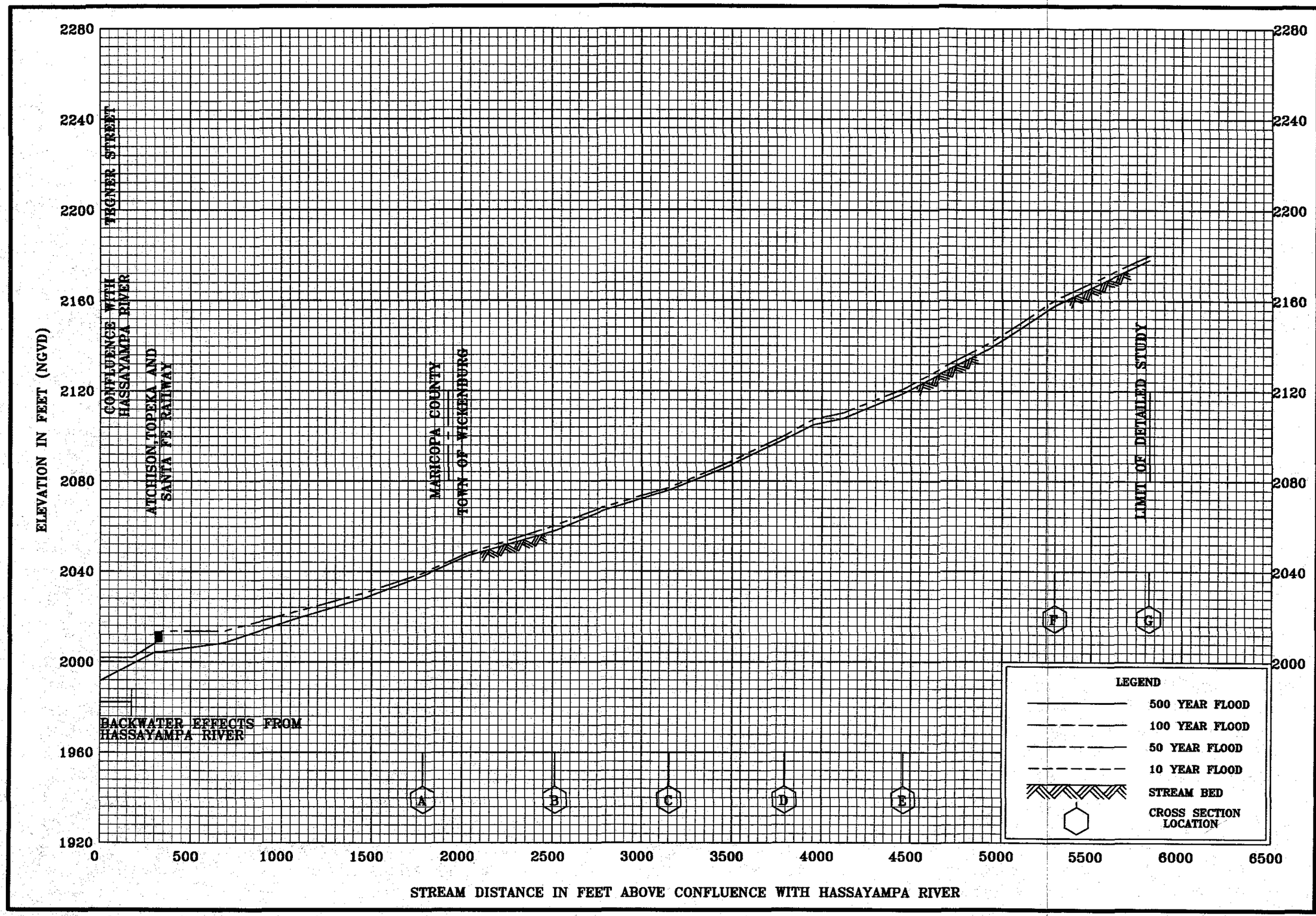
WASH P

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1007P



FLOOD PROFILES

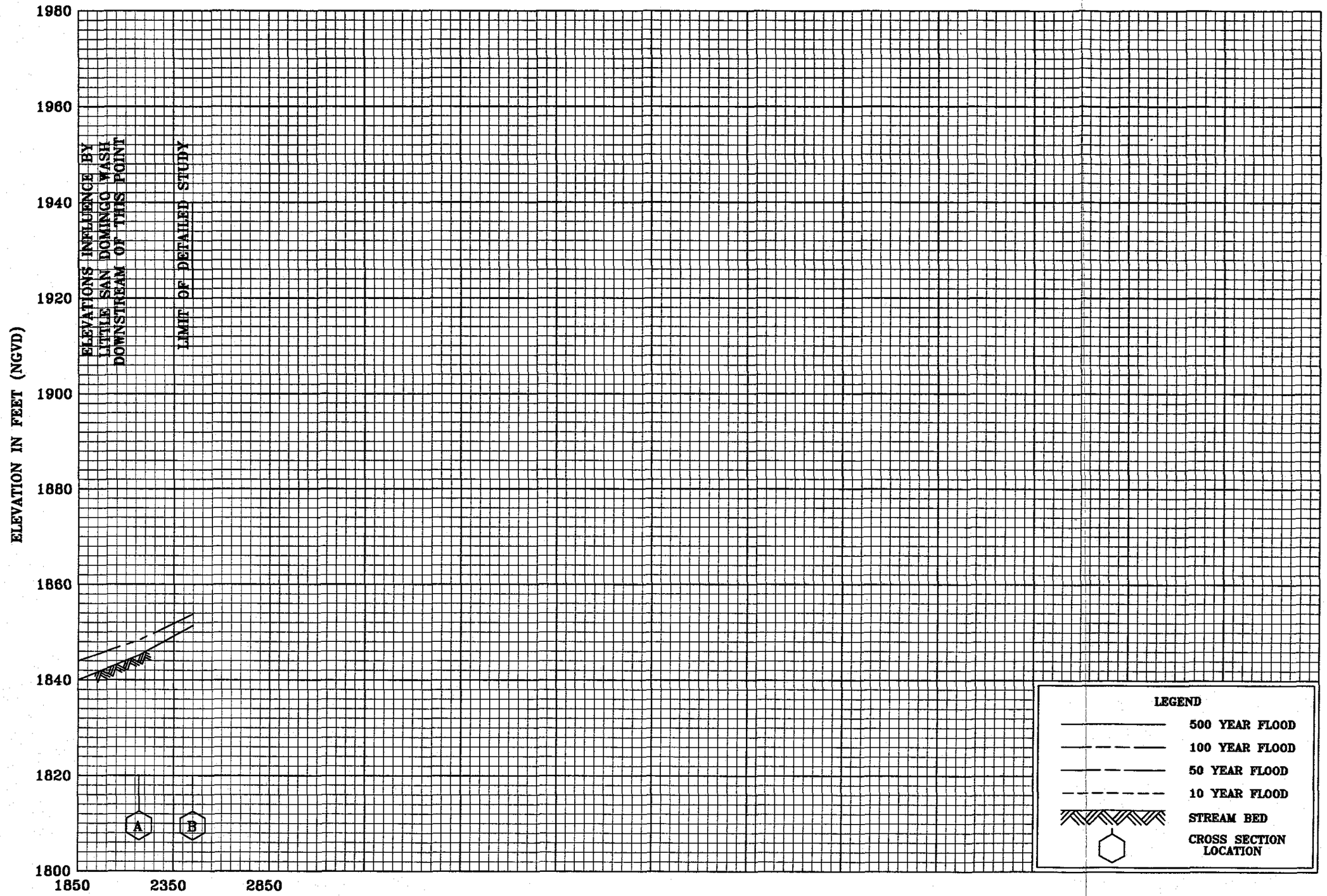
WASH Q

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1008P



FLOOD PROFILES

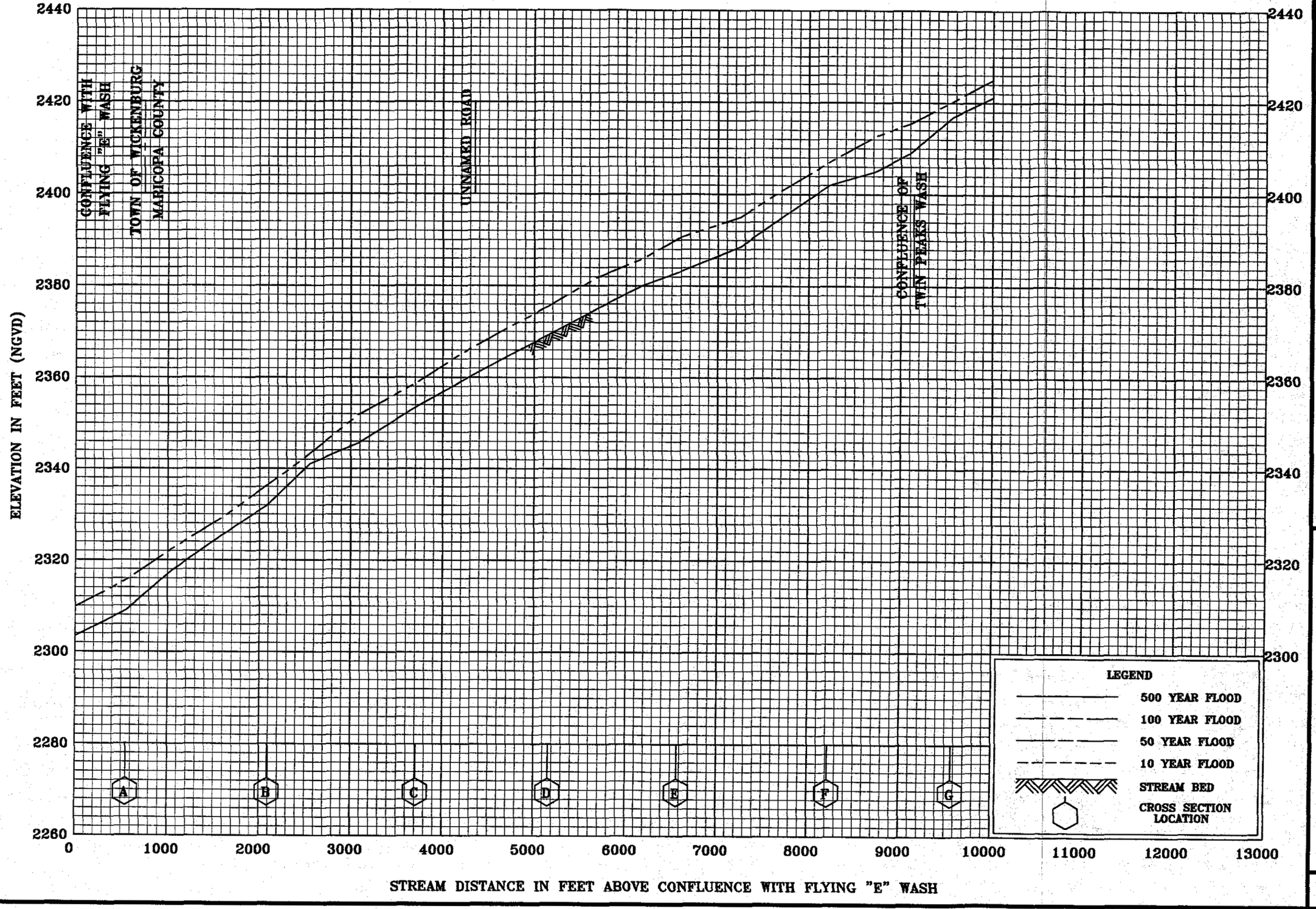
WASH S2

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1009P



FLOOD PROFILES

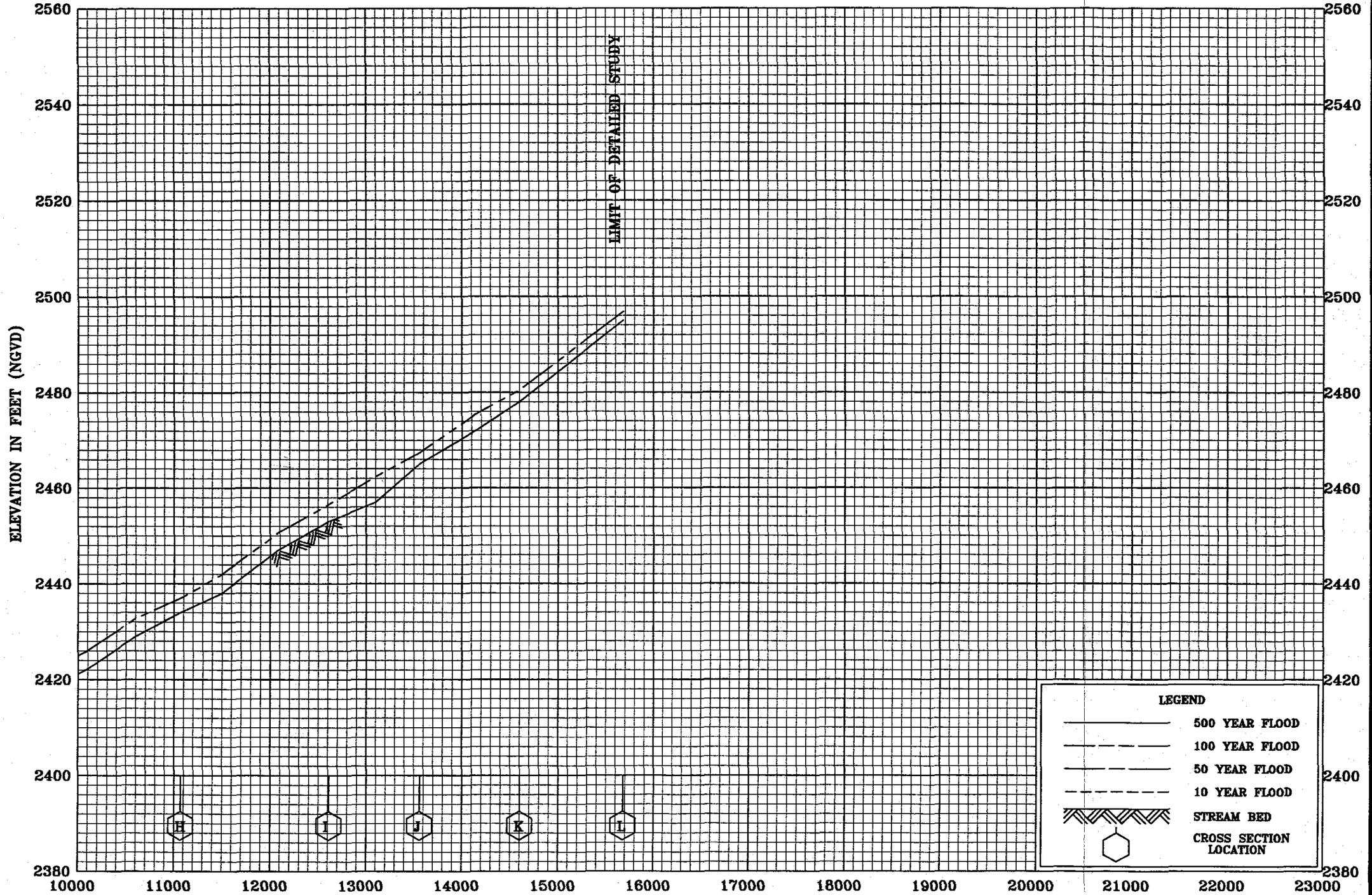
YUCCA FLAT WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1010P



FLOOD PROFILES

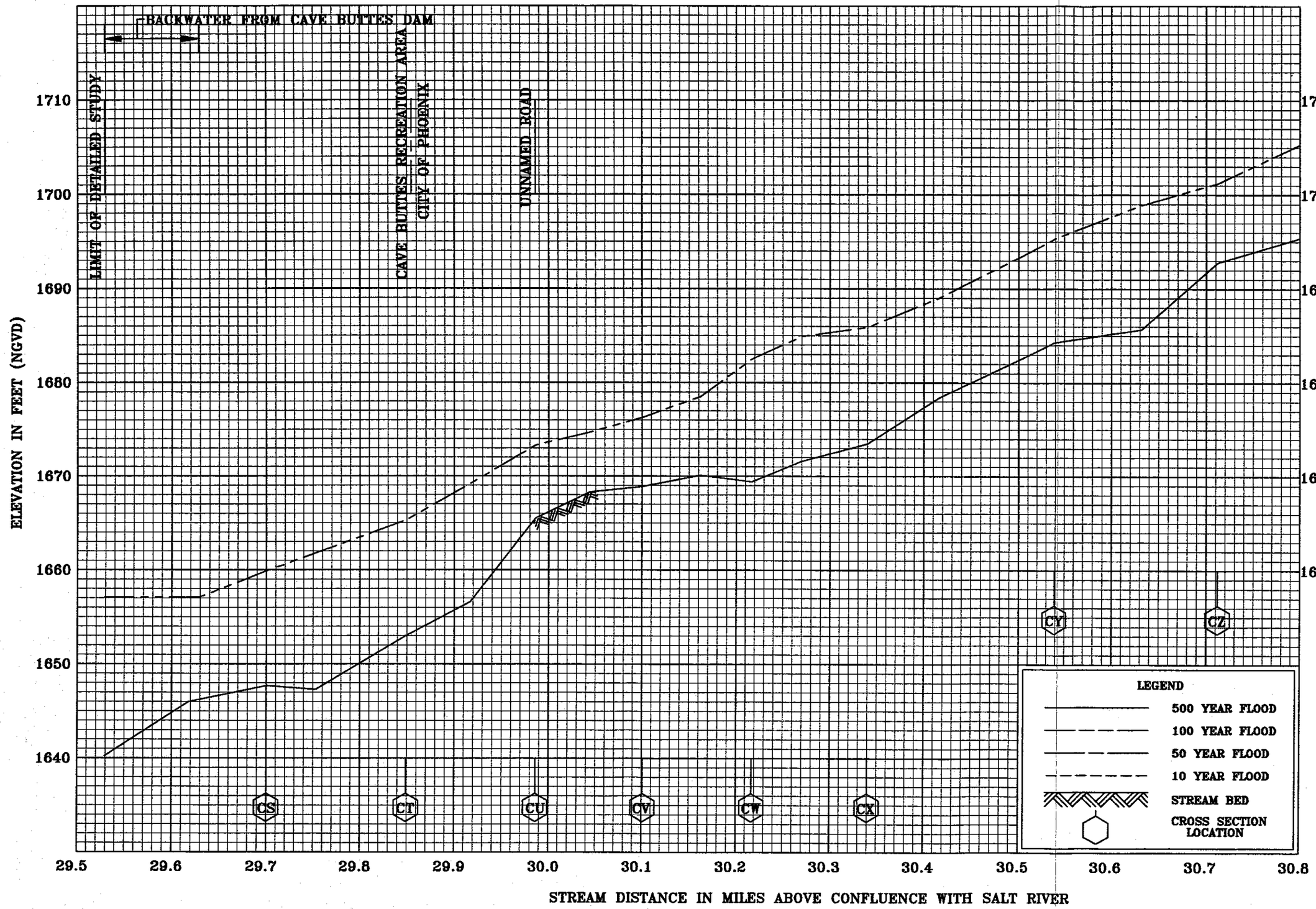
YUCCA FLAT WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1011P



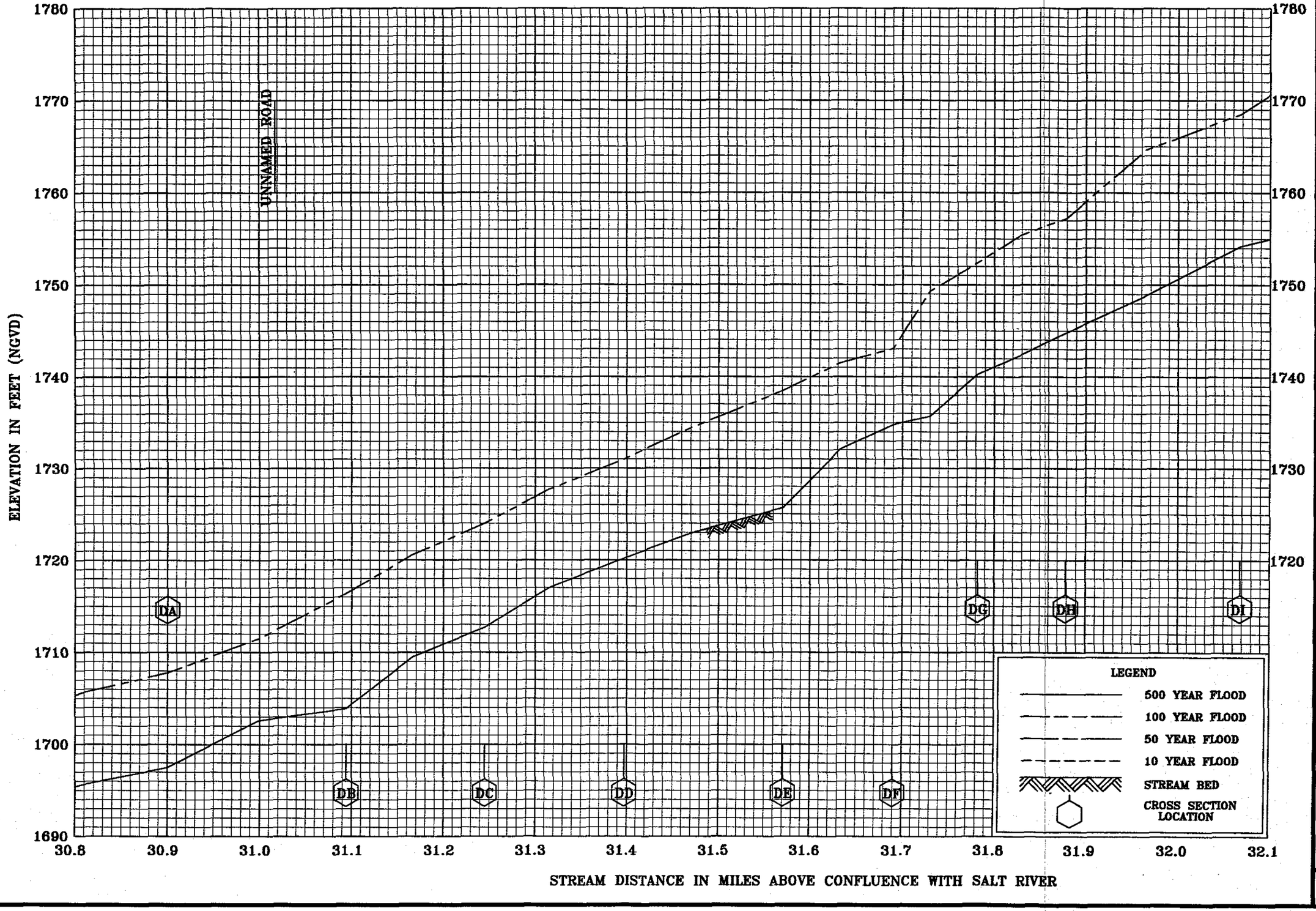
FLOOD PROFILES

CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1012P



FLOOD PROFILES

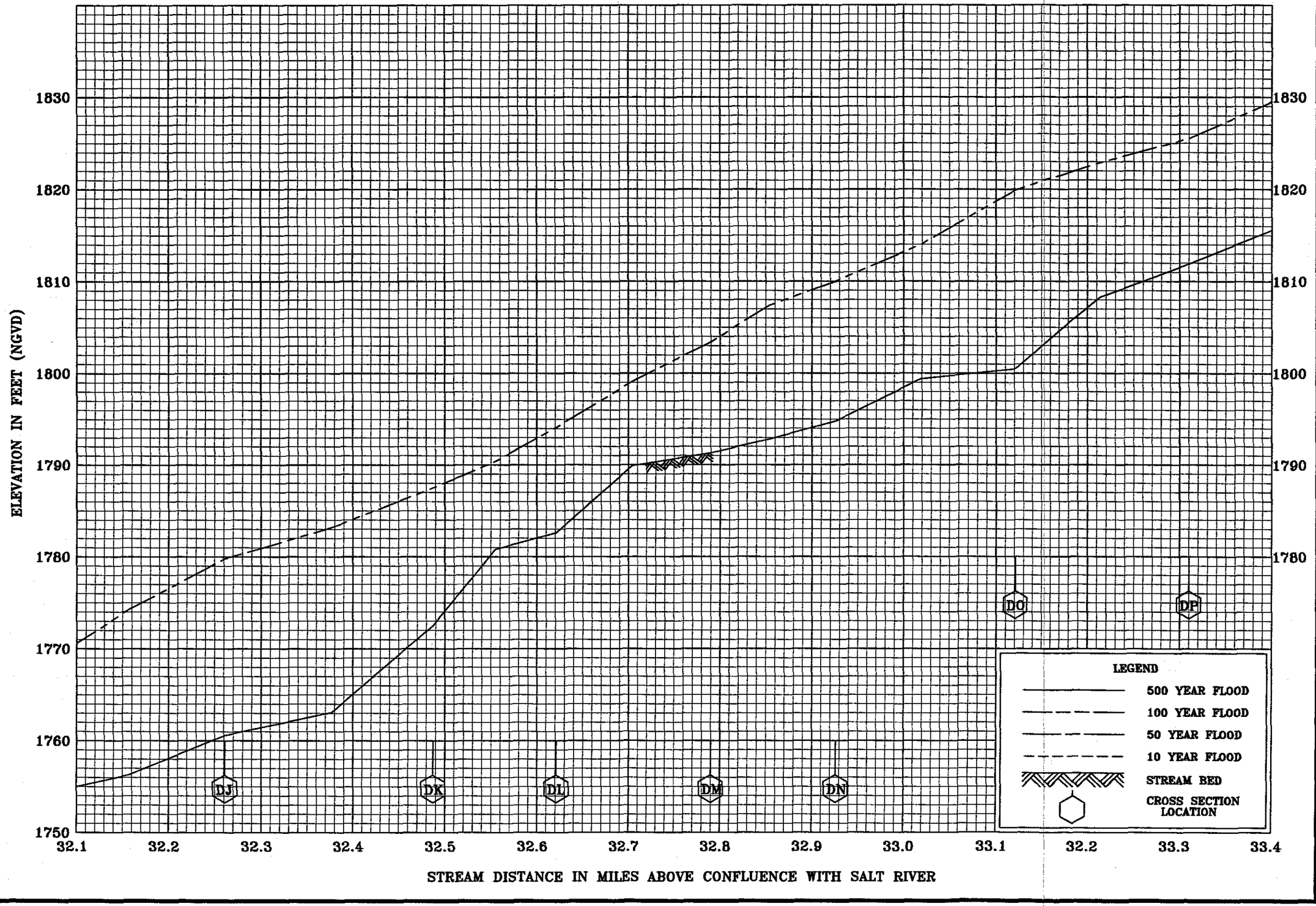
CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1013P



FLOOD PROFILES

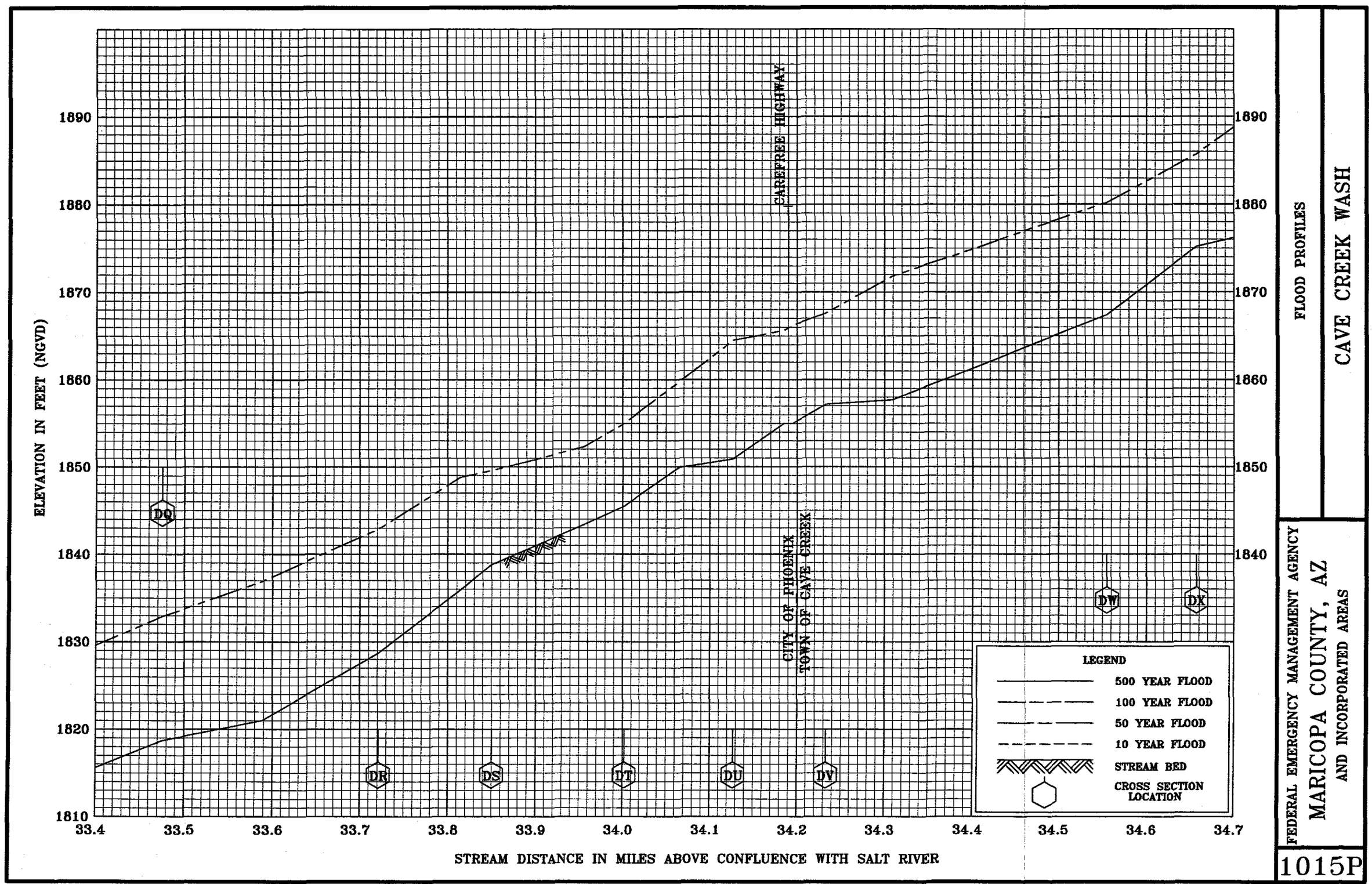
CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1014P



CAVE CREEK WASH

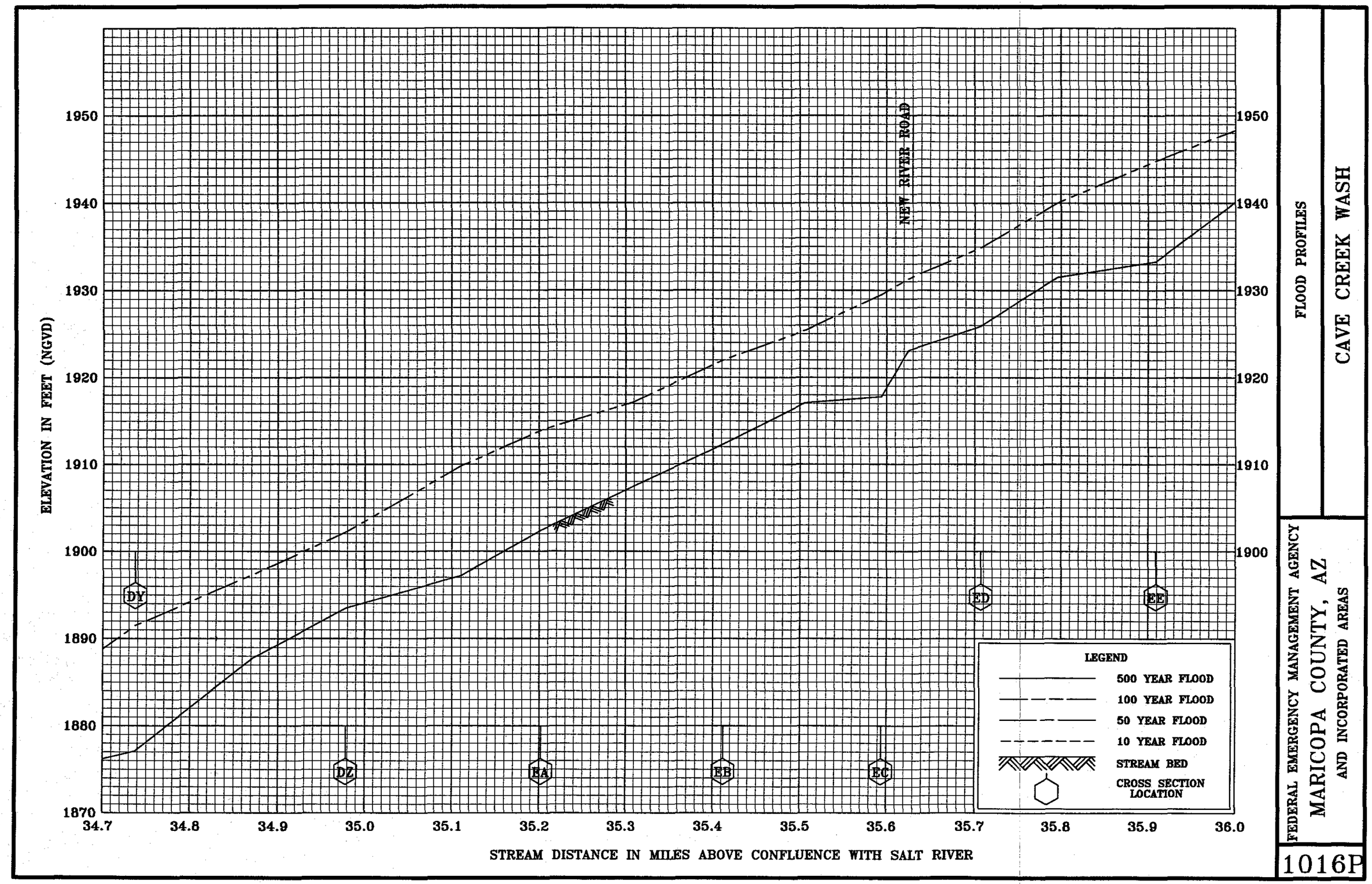
FLOOD PROFILES

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1015P



FLOOD PROFILES

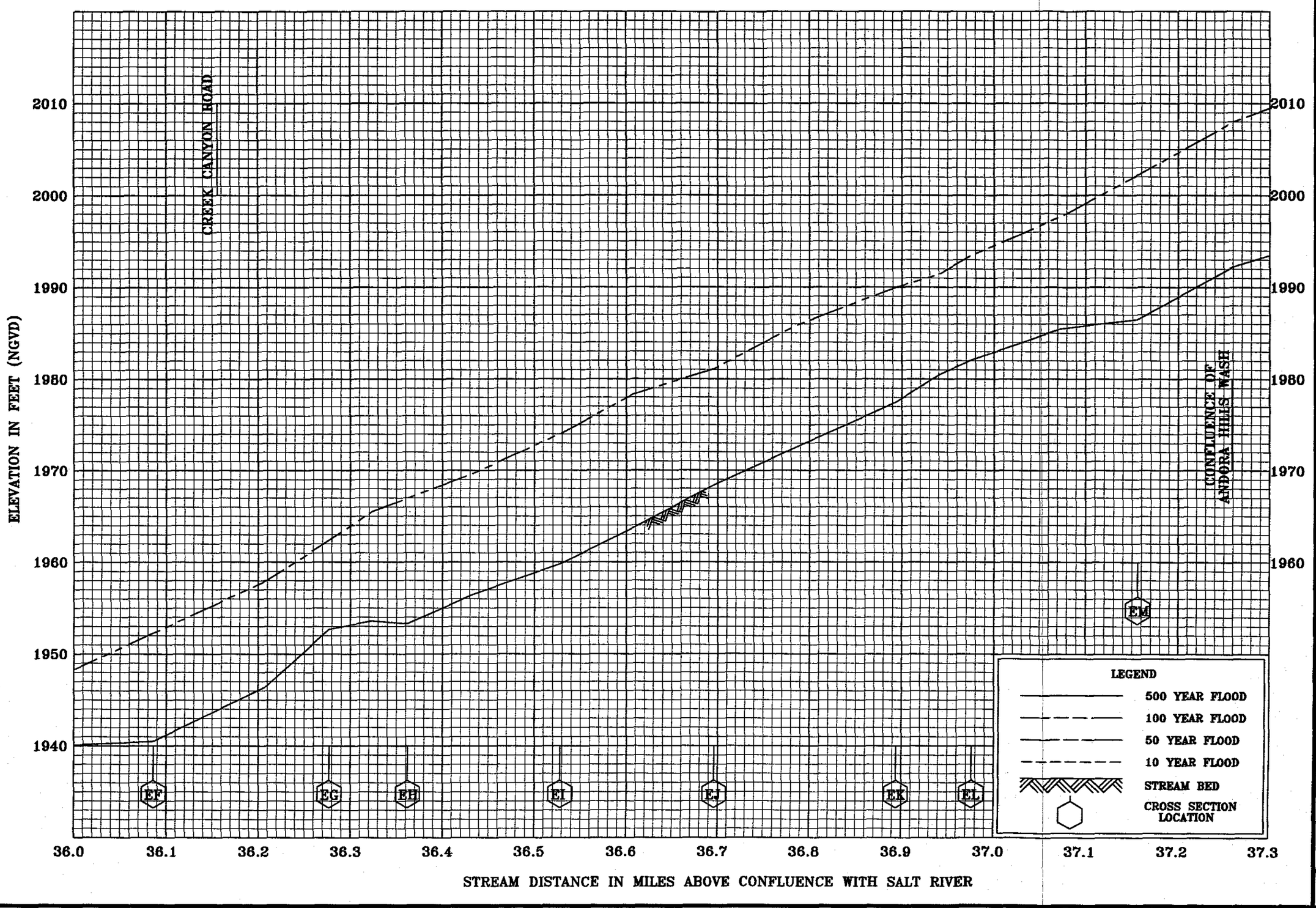
CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1016P



FLOOD PROFILES

CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1017P

CAVE CREEK WASH

FLOOD PROFILES

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

ELEVATION IN FEET (NGVD)

2080
2070
2060
2050
2040
2030
2020
2010
2000
1990

CONFLUENCE OF GALLOWAY WASH

OCOTILLO ROAD

CONFLUENCE OF OCOTILLO WASH

DESERT HILLS DRIVE

CONFLUENCE OF WILLOW SPRINGS WASH

EN EO EP EQ ER ES ET EU EV EW

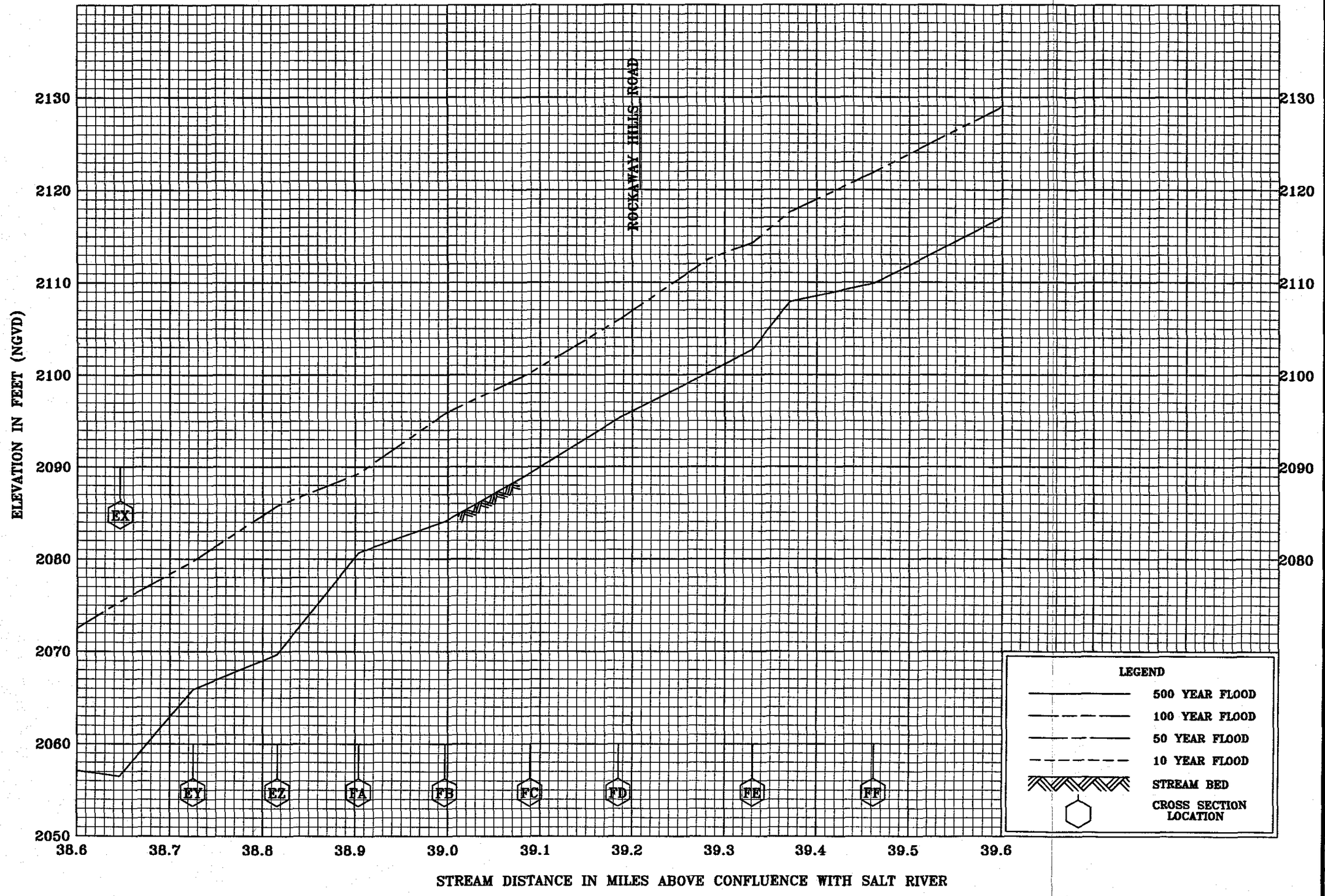
LEGEND

500 YEAR FLOOD
100 YEAR FLOOD
50 YEAR FLOOD
10 YEAR FLOOD
STREAM BED
CROSS SECTION LOCATION

37.3 37.4 37.5 37.6 37.7 37.8 37.9 38.0 38.1 38.2 38.3 38.4 38.5 38.6

STREAM DISTANCE IN MILES ABOVE CONFLUENCE WITH SALT RIVER

1018P



FLOOD PROFILES

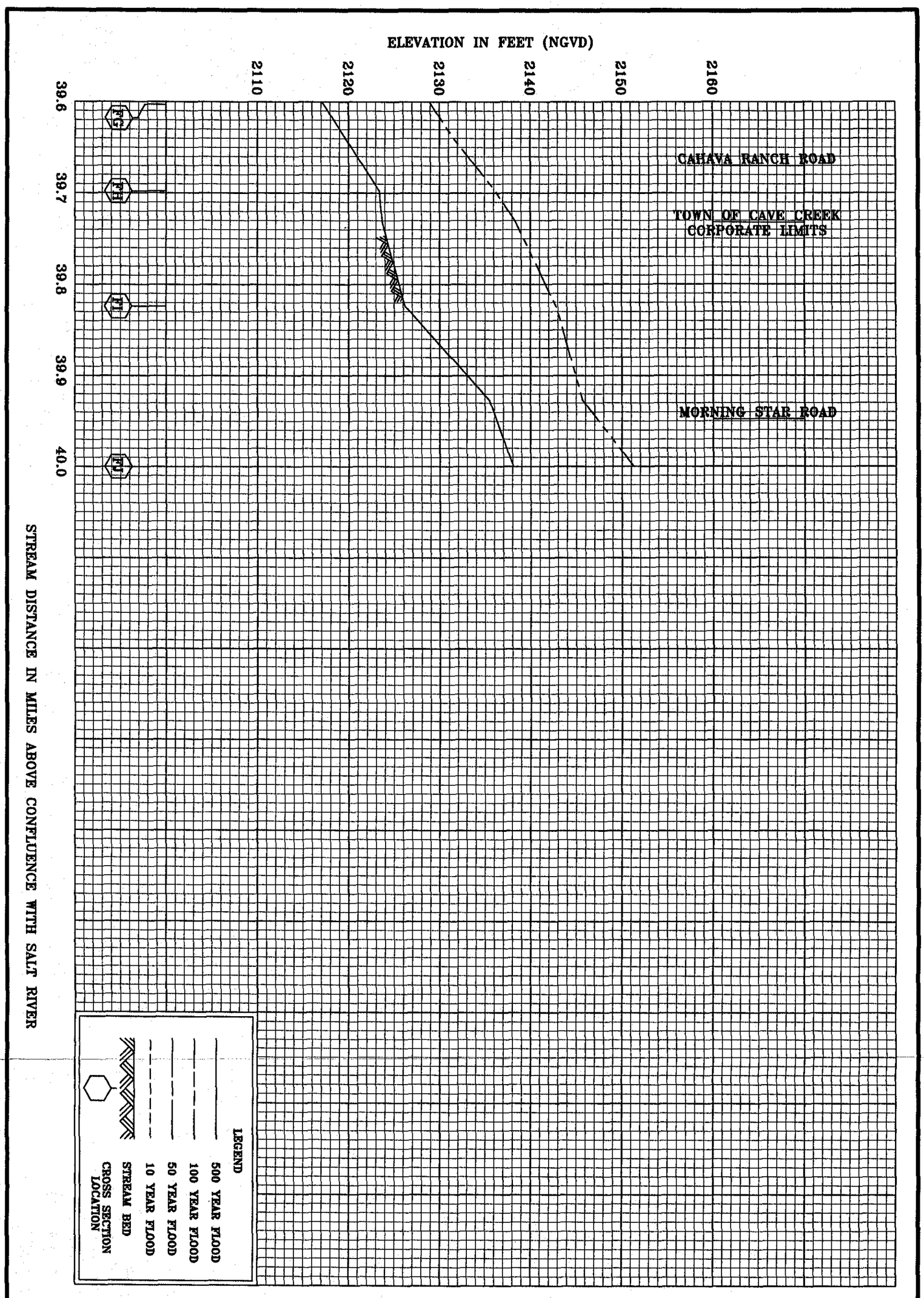
CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1019P



1020P

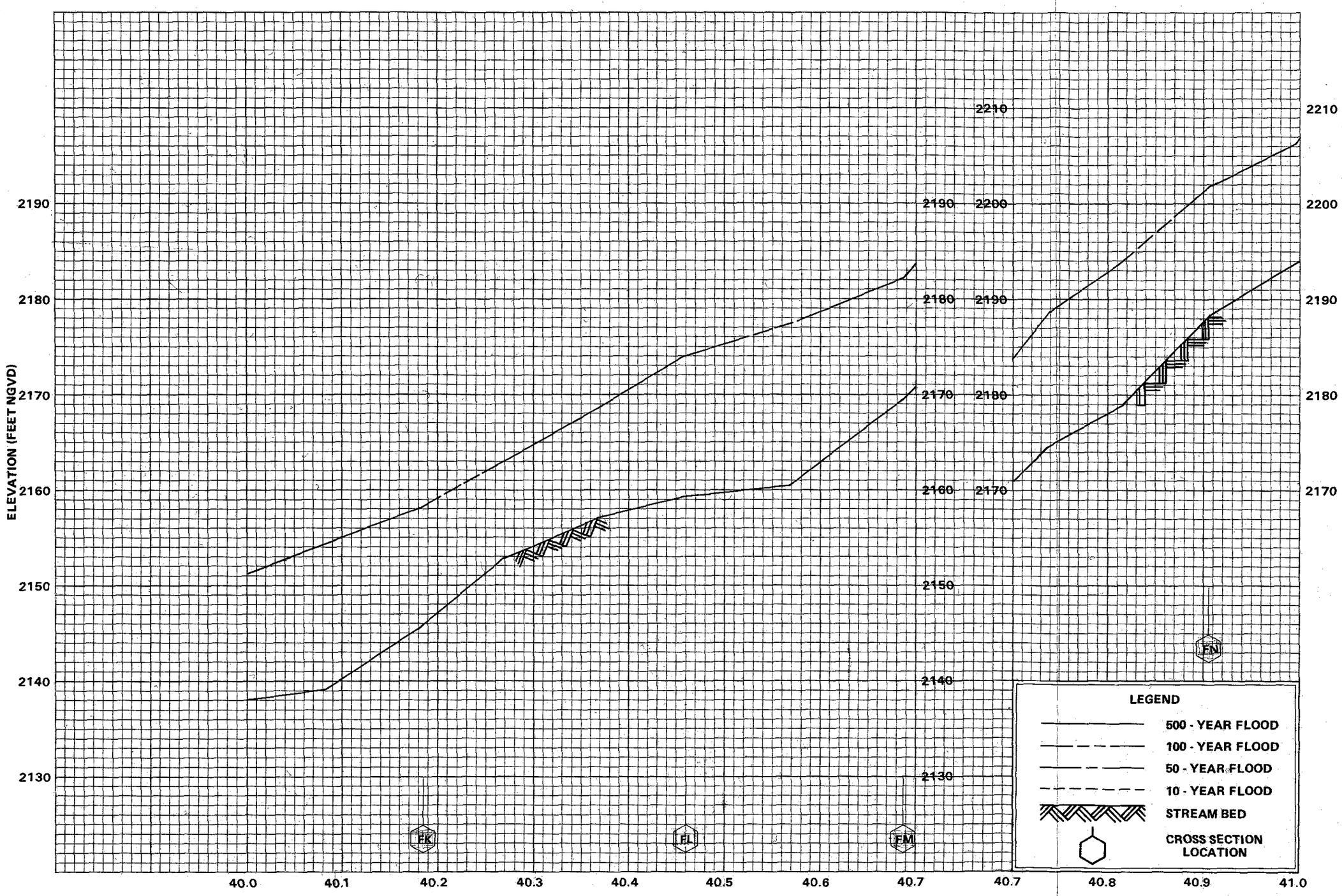
FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

FLOOD PROFILES

CAVE CREEK WASH



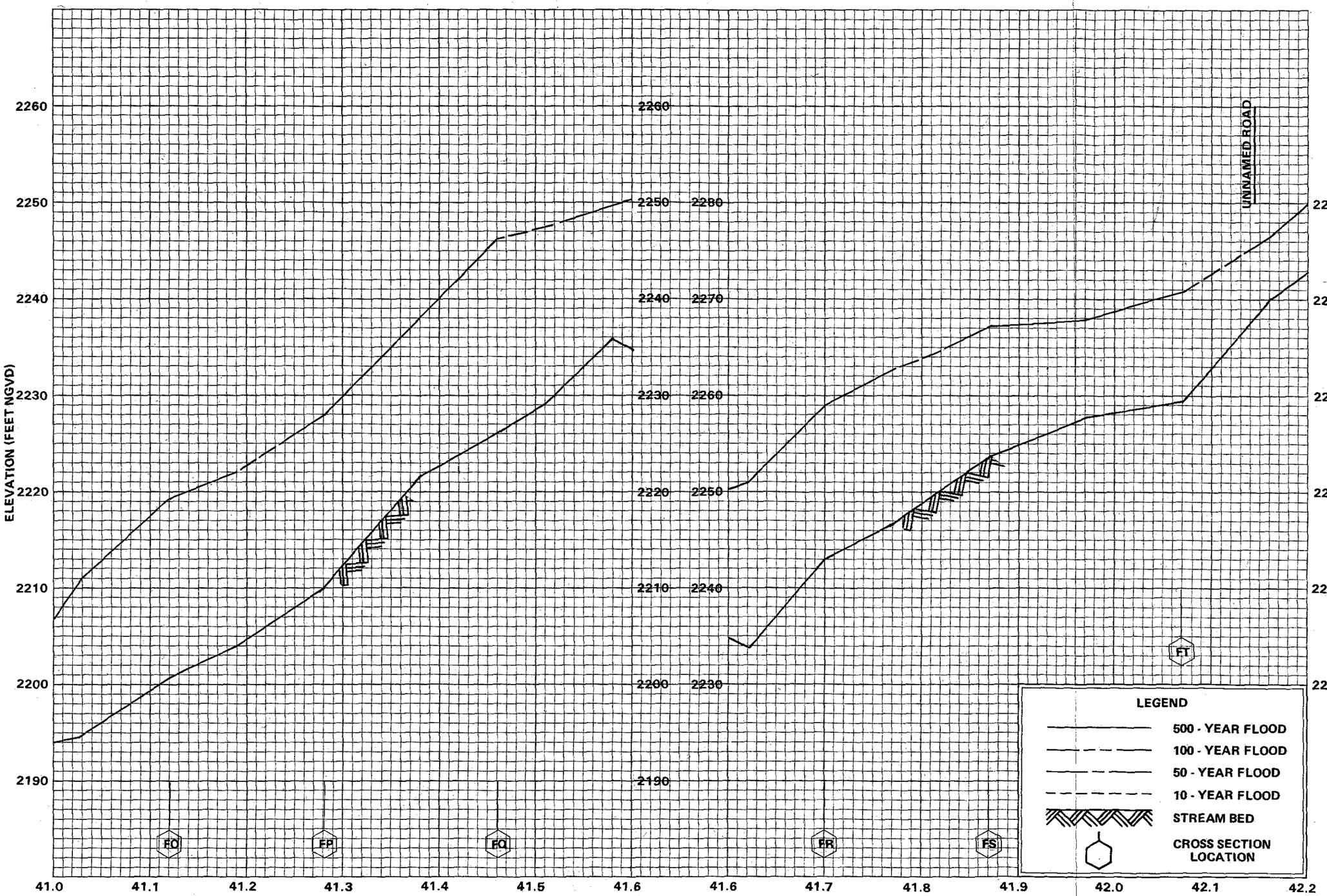
FLOOD PROFILES

CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1021P



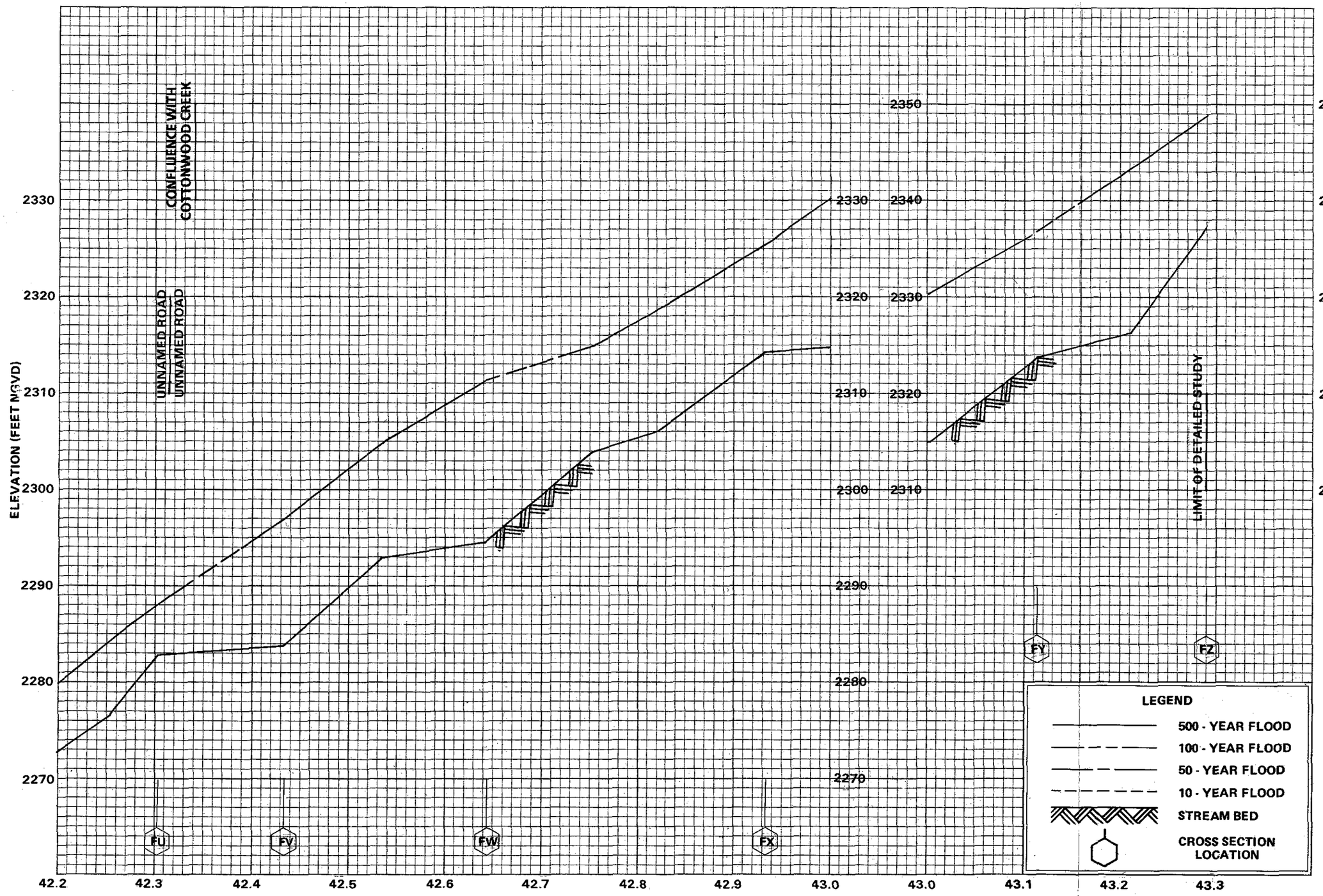
FLOOD PROFILES

CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1022P



FLOOD PROFILES

CAVE CREEK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1023P

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NGVD)

1100
1090
1080
1070
1060

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500

STREAM DISTANCE IN FEET ABOVE BUCKEYE FLOOD RETARDING STRUCTURE

A

B

LEGEND

- 500 YEAR FLOOD
- 100 YEAR FLOOD
- 50 YEAR FLOOD
- 10 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

WHITE TANKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1024P

TONOPAH-SALOME HIGHWAY

ELEVATION IN FEET (NGVD)

1140
1130
1120
1110
1100
1090

6500 7000 7500 8000 8500 9000 9500 10000 10500 11000 11500 12000 12500 13000

STREAM DISTANCE IN FEET ABOVE BUCKEYE FLOOD RETARDING STRUCTURE

C D E

LEGEND

- 500 YEAR FLOOD
- 100 YEAR FLOOD
- 50 YEAR FLOOD
- 10 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

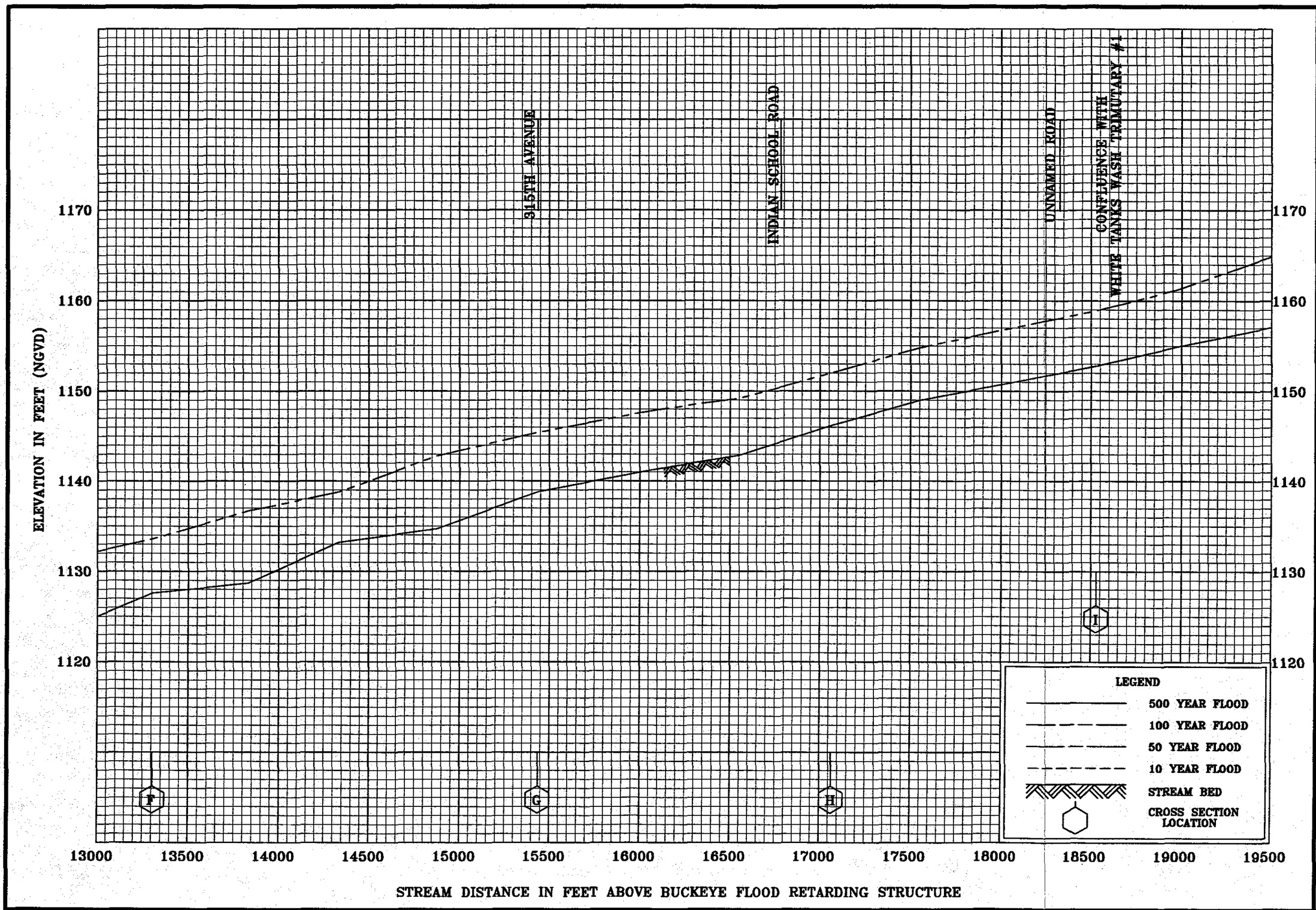
WHITE TANKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1025P



FLOOD PROFILES

WHITE TANKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1026P

FLOOD PROFILES

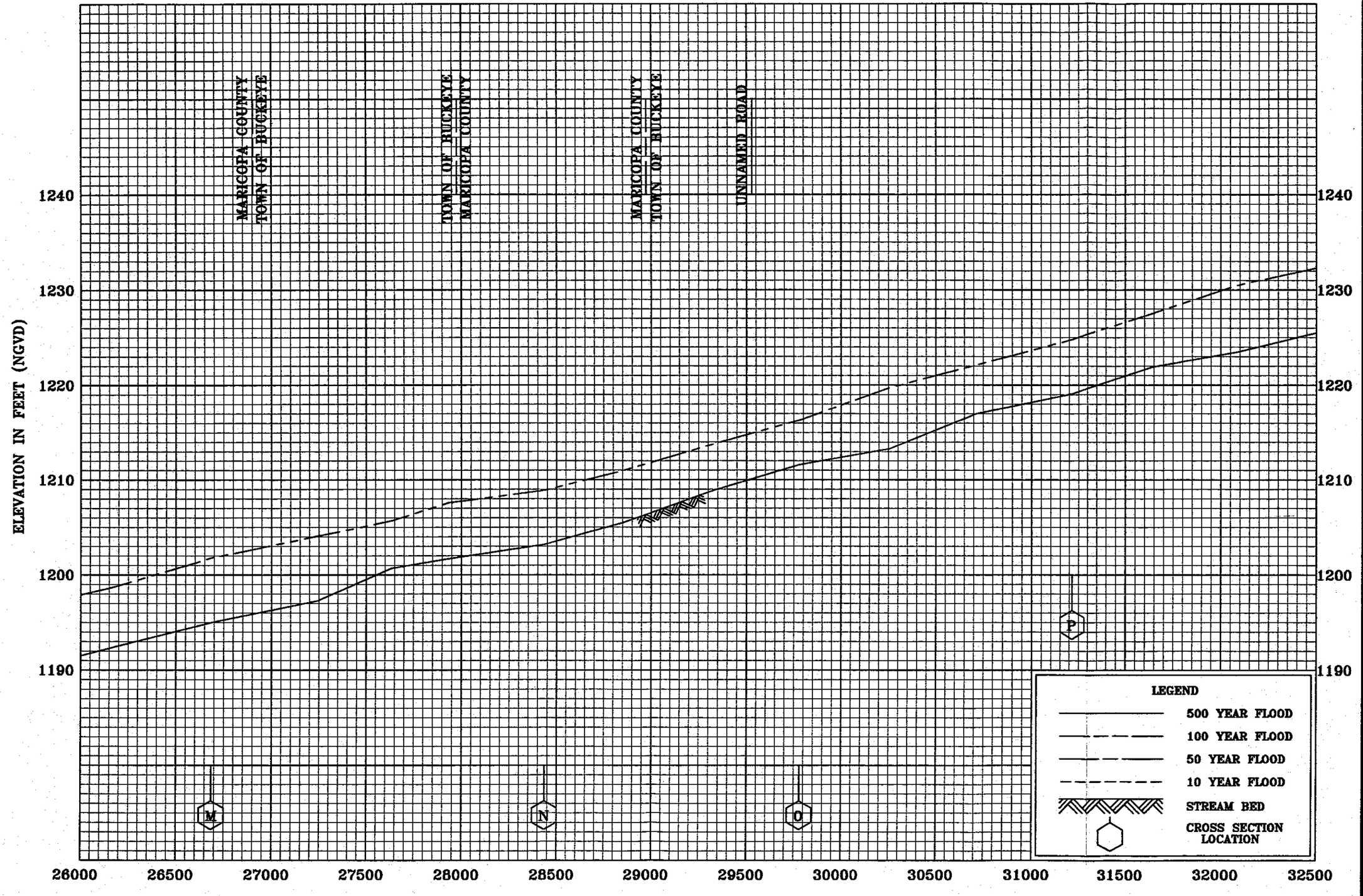
WHITE TANKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1027P



FLOOD PROFILES

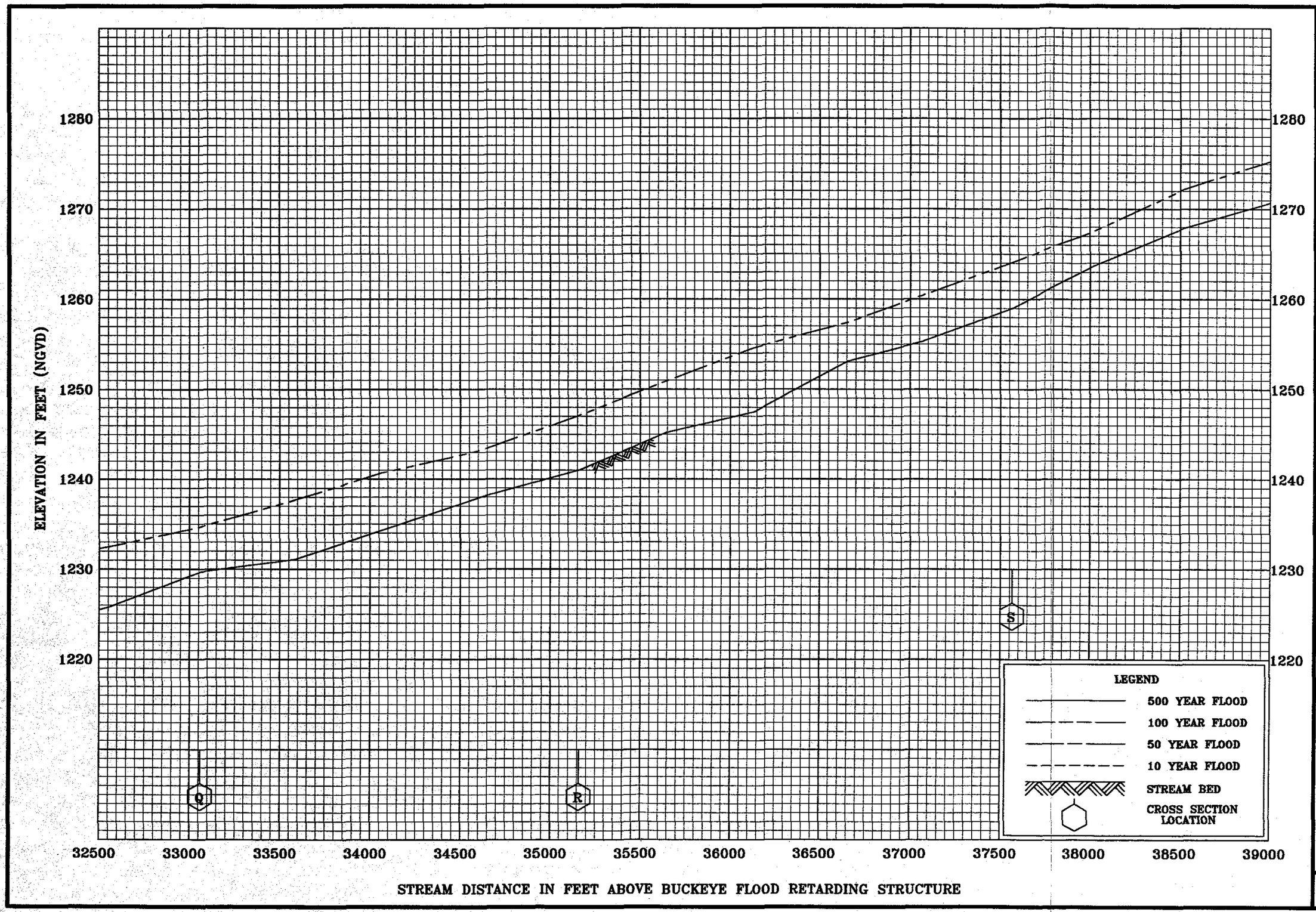
WHITE TANKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1028P



FLOOD PROFILES

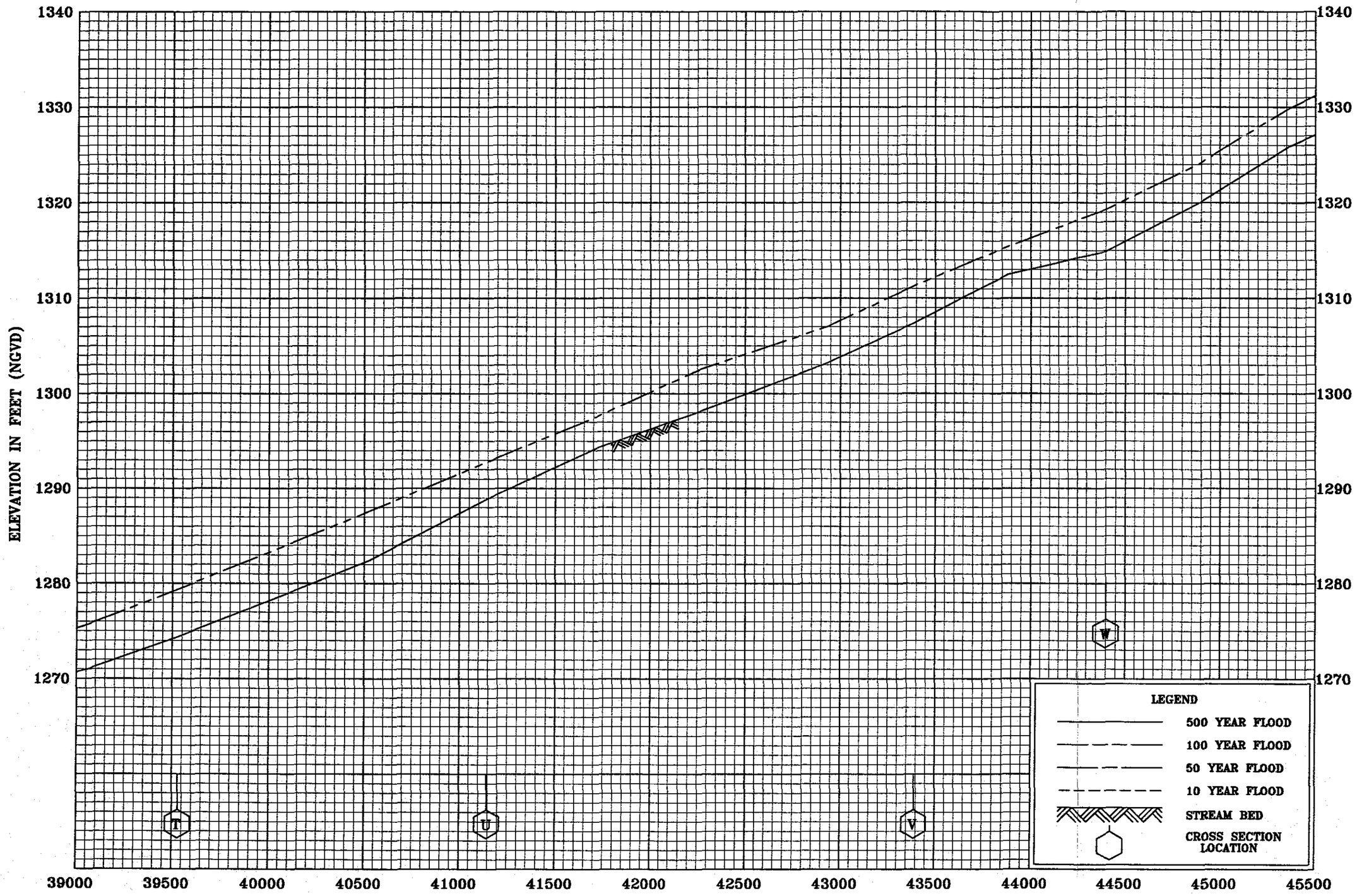
WHITE TANKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1029P



FLOOD PROFILES

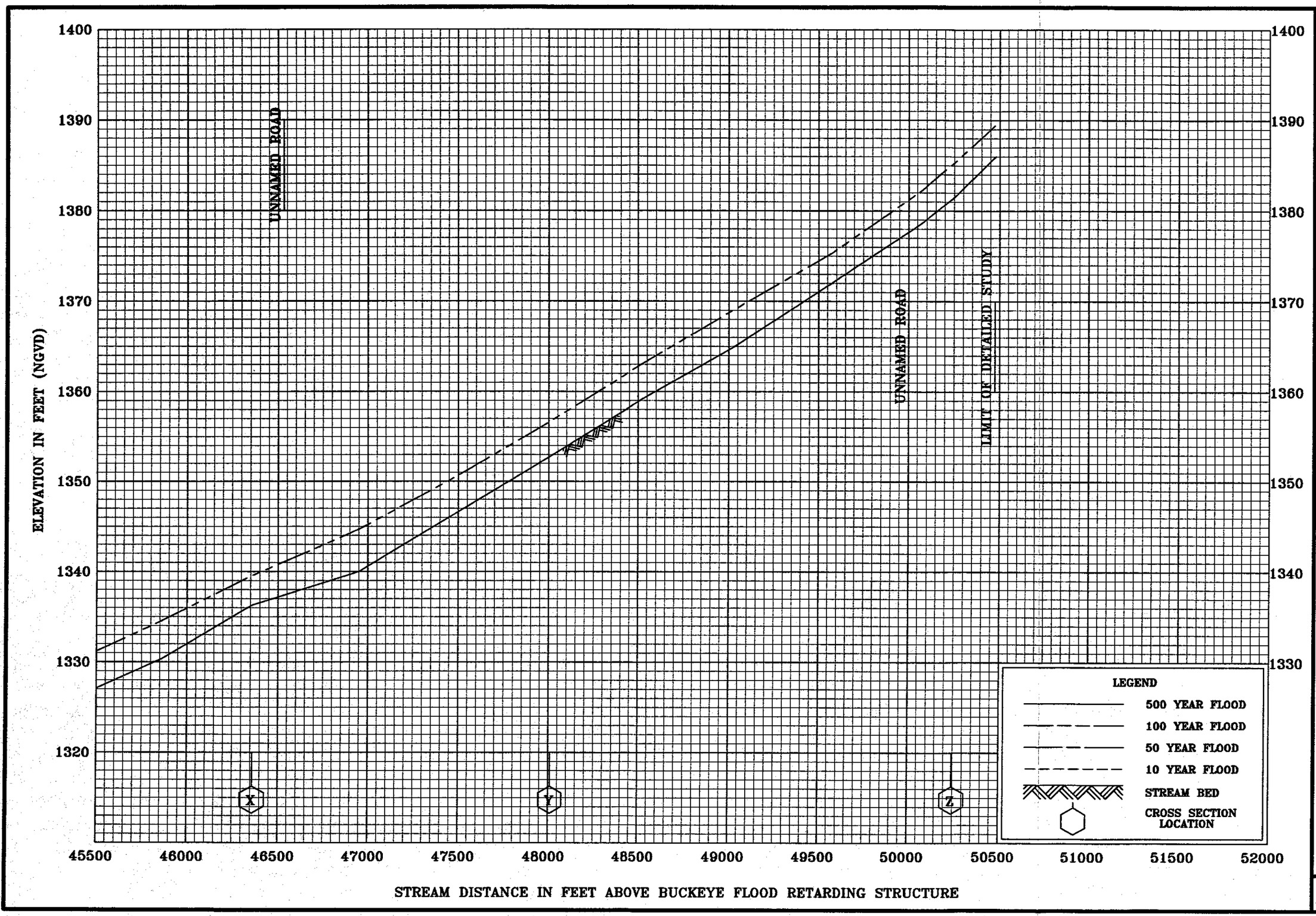
WHITE TANKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1030P



FLOOD PROFILES

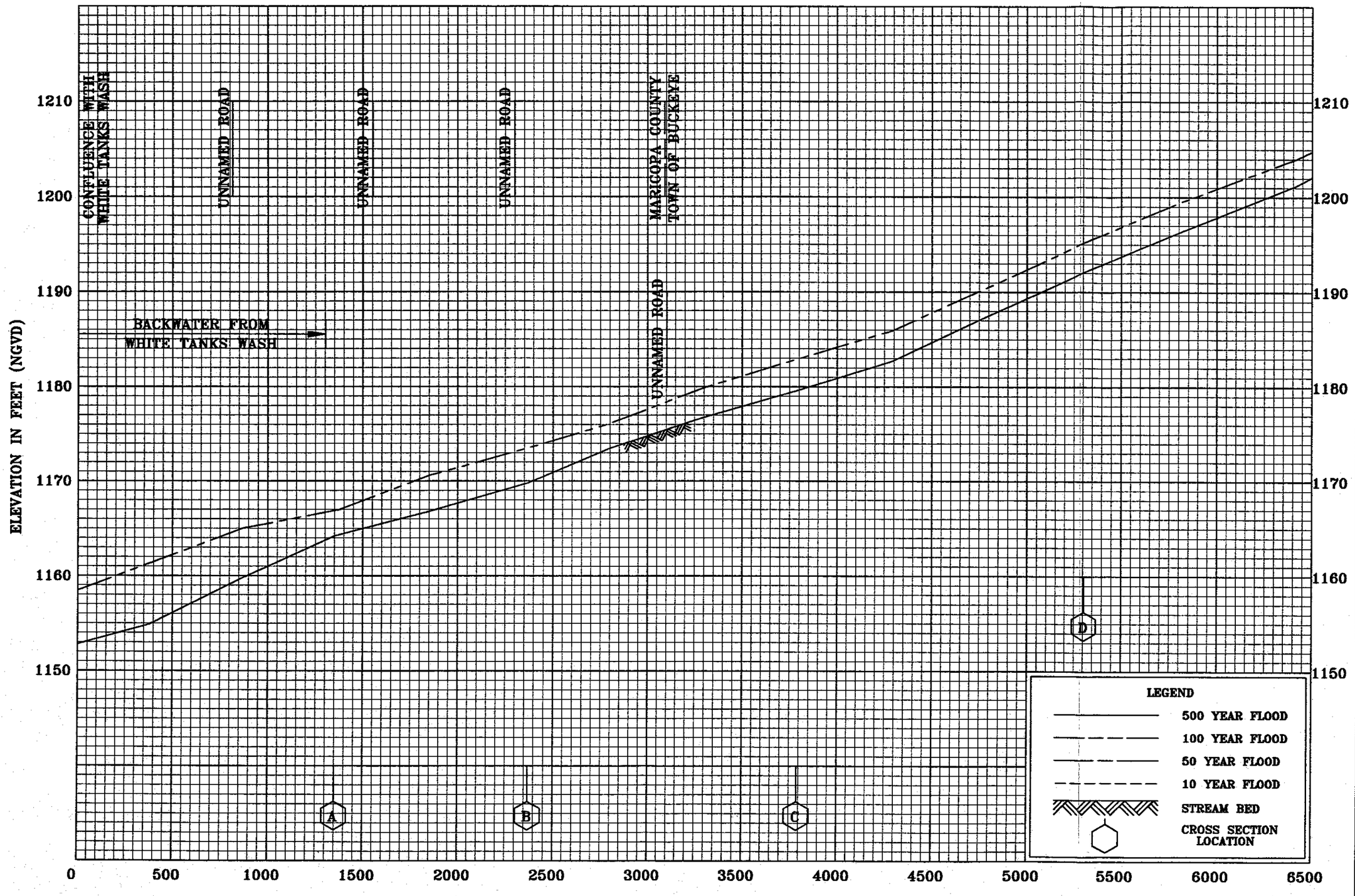
WHITE TANKS WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1031P



FLOOD PROFILES

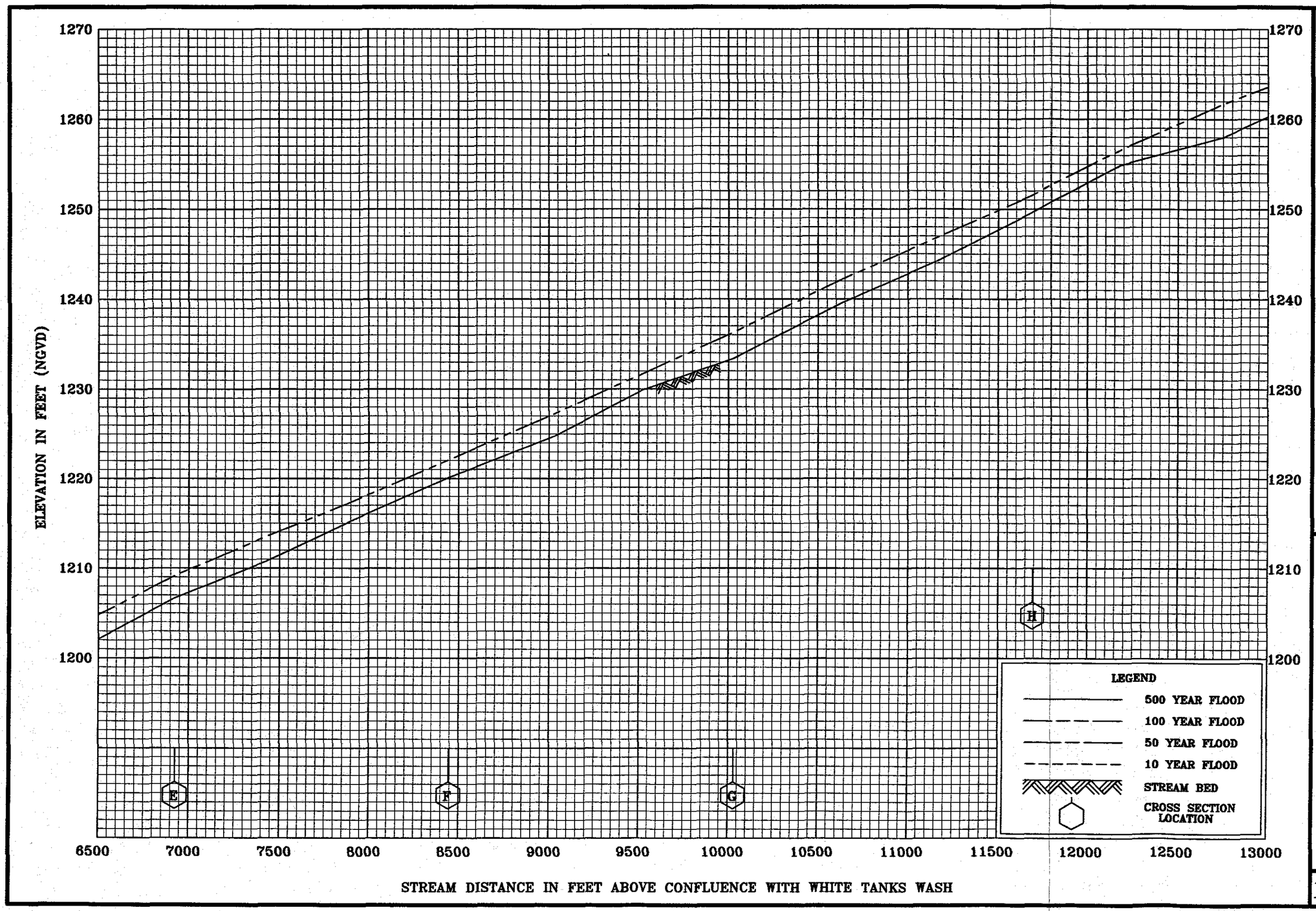
WHITE TANKS WASH TRIBUTARY NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1032P



FLOOD PROFILES

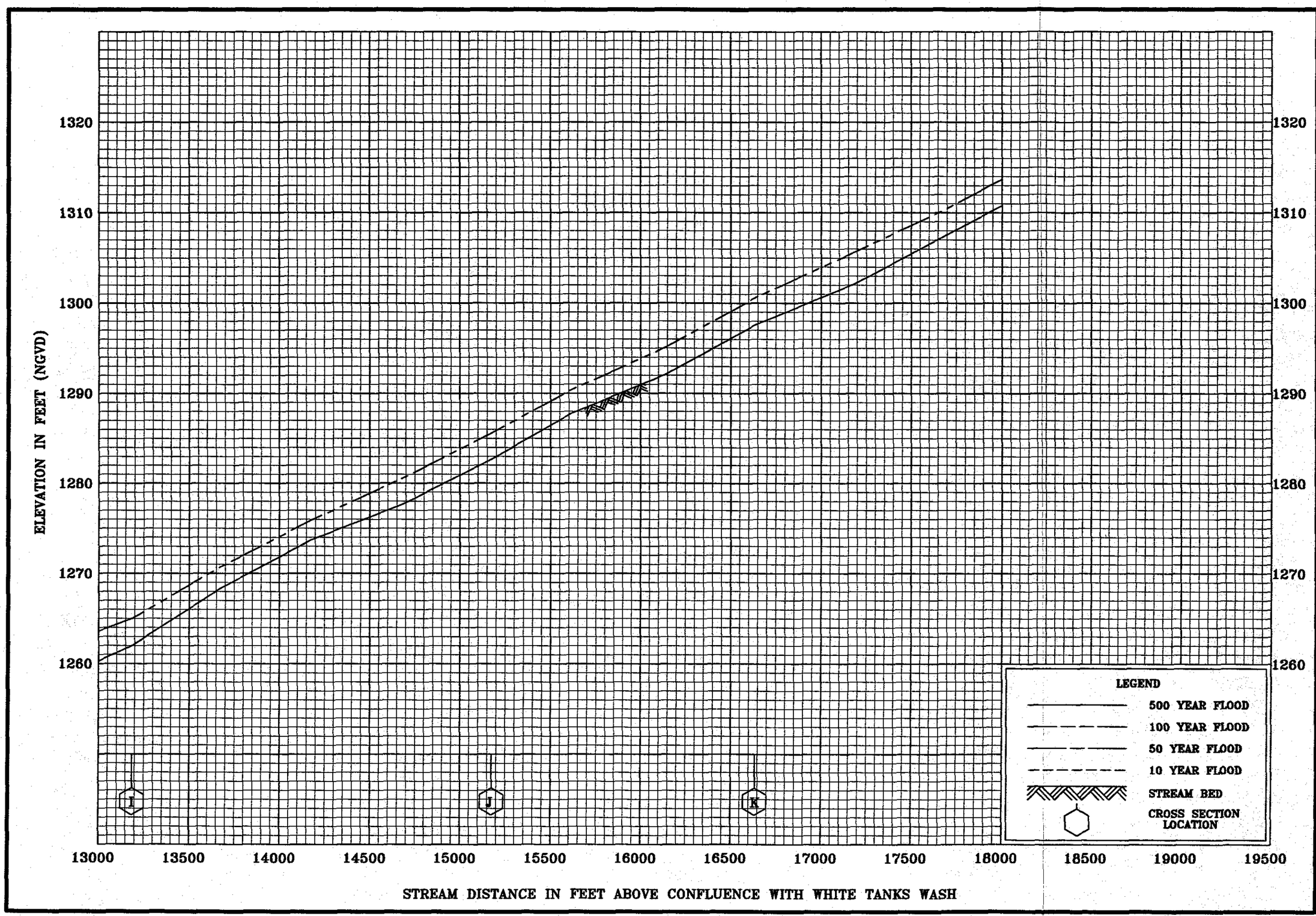
WHITE TANKS WASH TRIBUTARY NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1033P



FLOOD PROFILES

WHITE TANKS WASH TRIBUTARY NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1034P

ELEVATION IN FEET (NGVD)

1340
1330
1320
1310

LIMIT OF DETAILED STUDY

L
M
N

18000 18500 19000 19500 20000 20500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH WHITE TANKS WASH

LEGEND

- 500 YEAR FLOOD
- 100 YEAR FLOOD
- 50 YEAR FLOOD
- 10 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

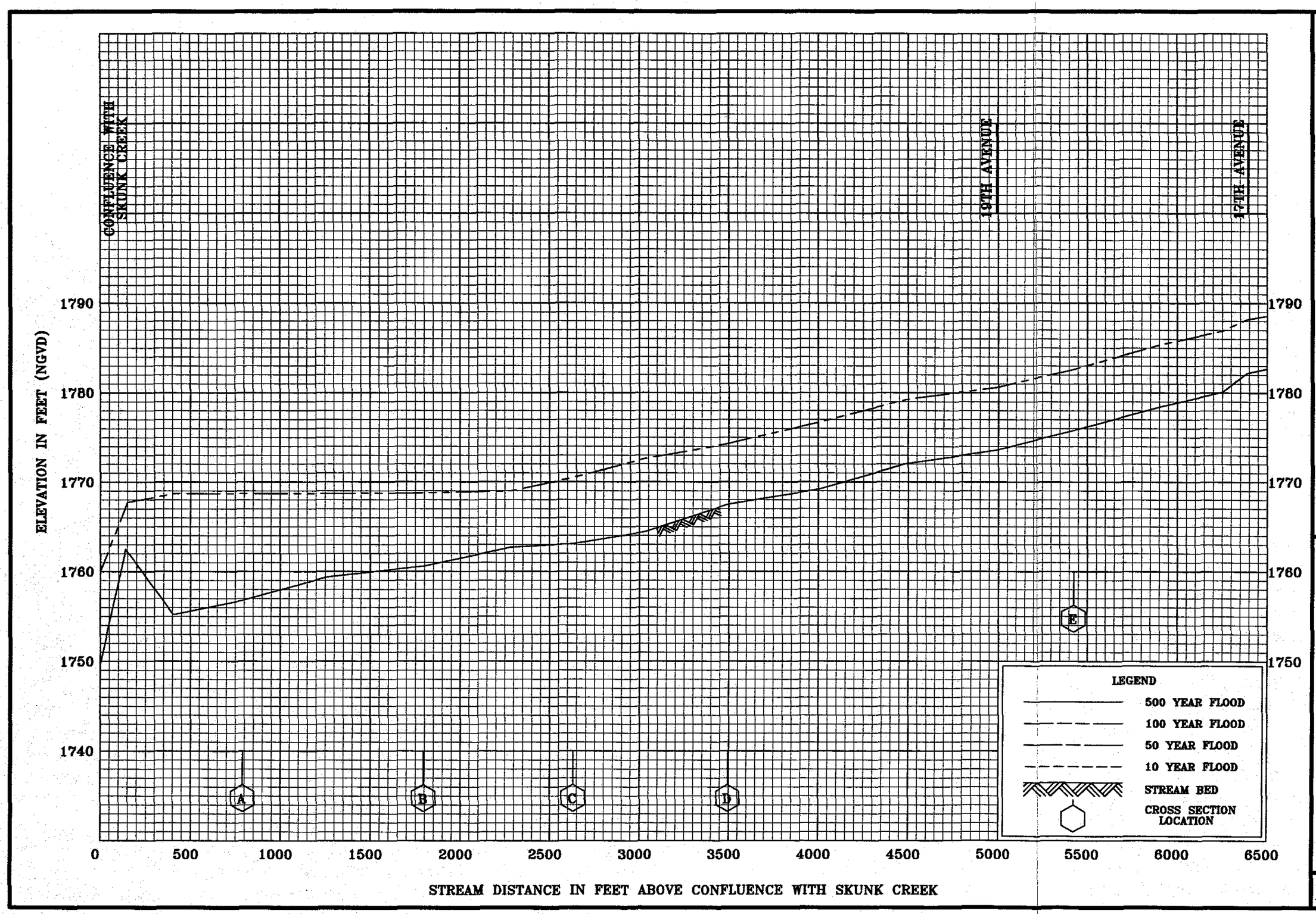
WHITE TANKS WASH TRIBUTARY NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1035P



FLOOD PROFILES

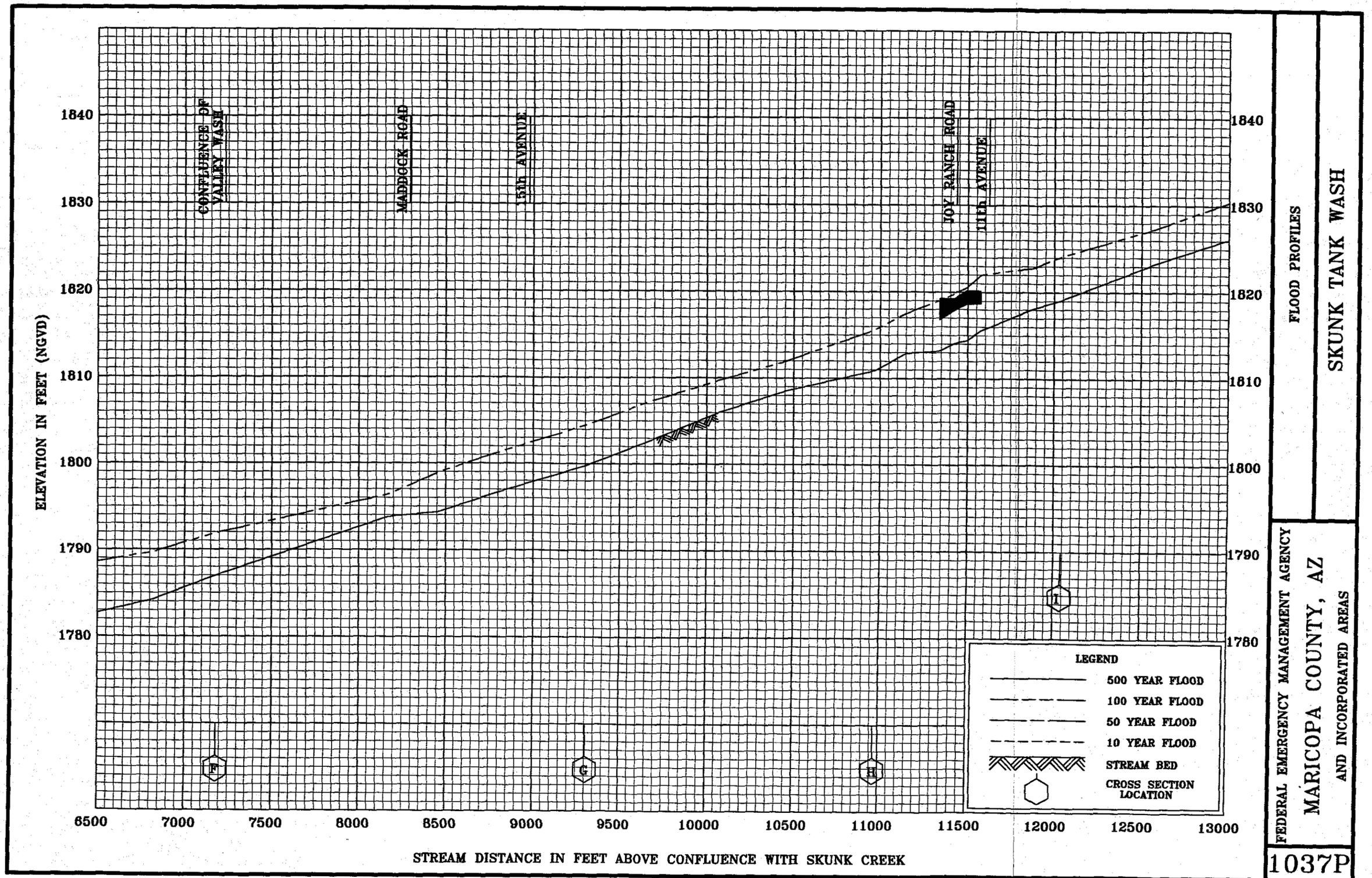
SKUNK TANK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1036P



FLOOD PROFILES

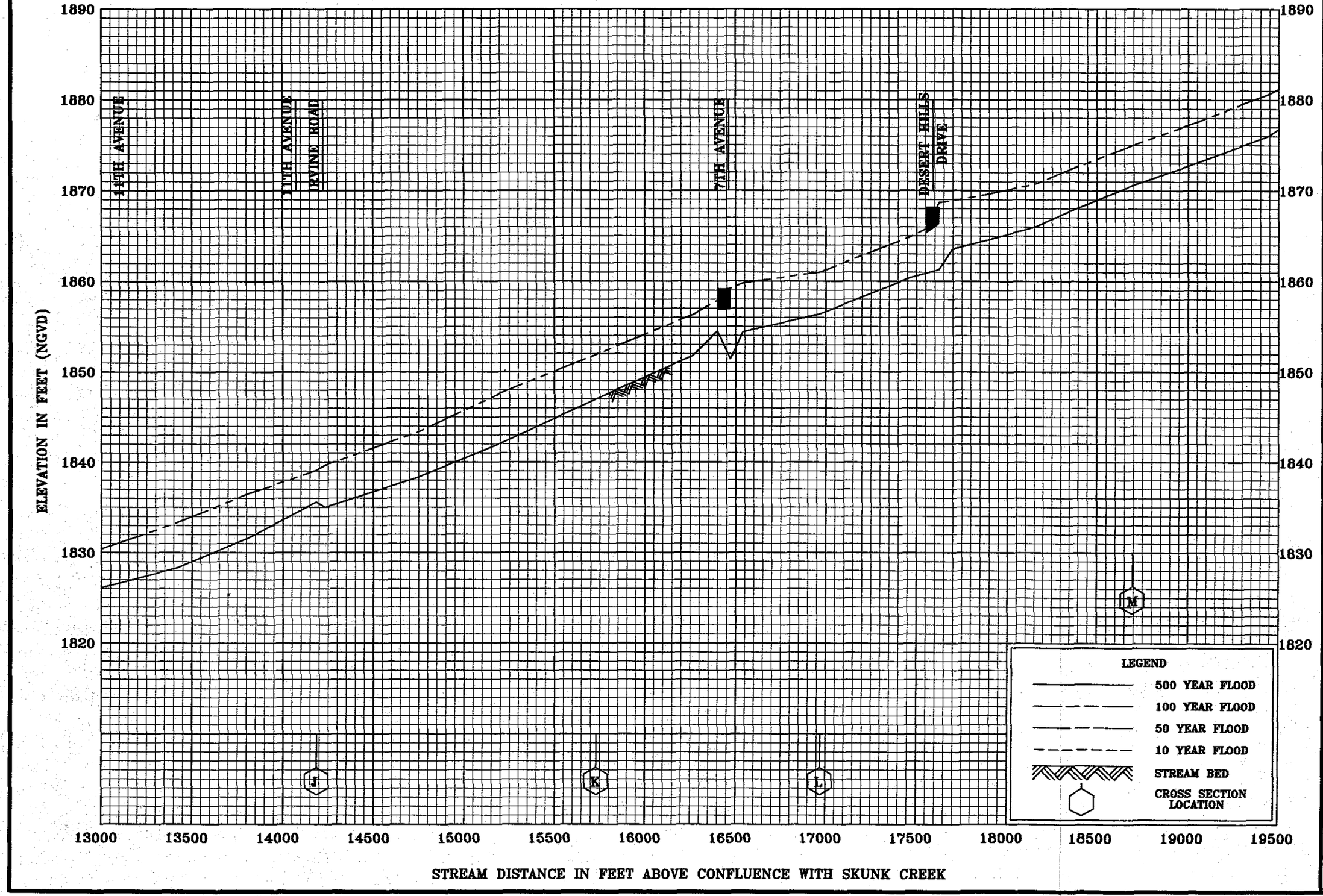
SKUNK TANK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1037P



FLOOD PROFILES

SKUNK TANK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1038P

SADDLE MOUNTAIN RD

CENTRAL AVENUE

CENTRAL AVENUE

ROCKAWAY HILLS ROAD

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NGVD)

1930
1920
1910
1900
1890
1880
1870

19500 20000 20500 21000 21500 22000 22500 23000 23500 24000 24500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SKUNK CREEK

N O P

LEGEND

500 YEAR FLOOD
100 YEAR FLOOD
50 YEAR FLOOD
10 YEAR FLOOD
STREAM BED
CROSS SECTION LOCATION

FLOOD PROFILES

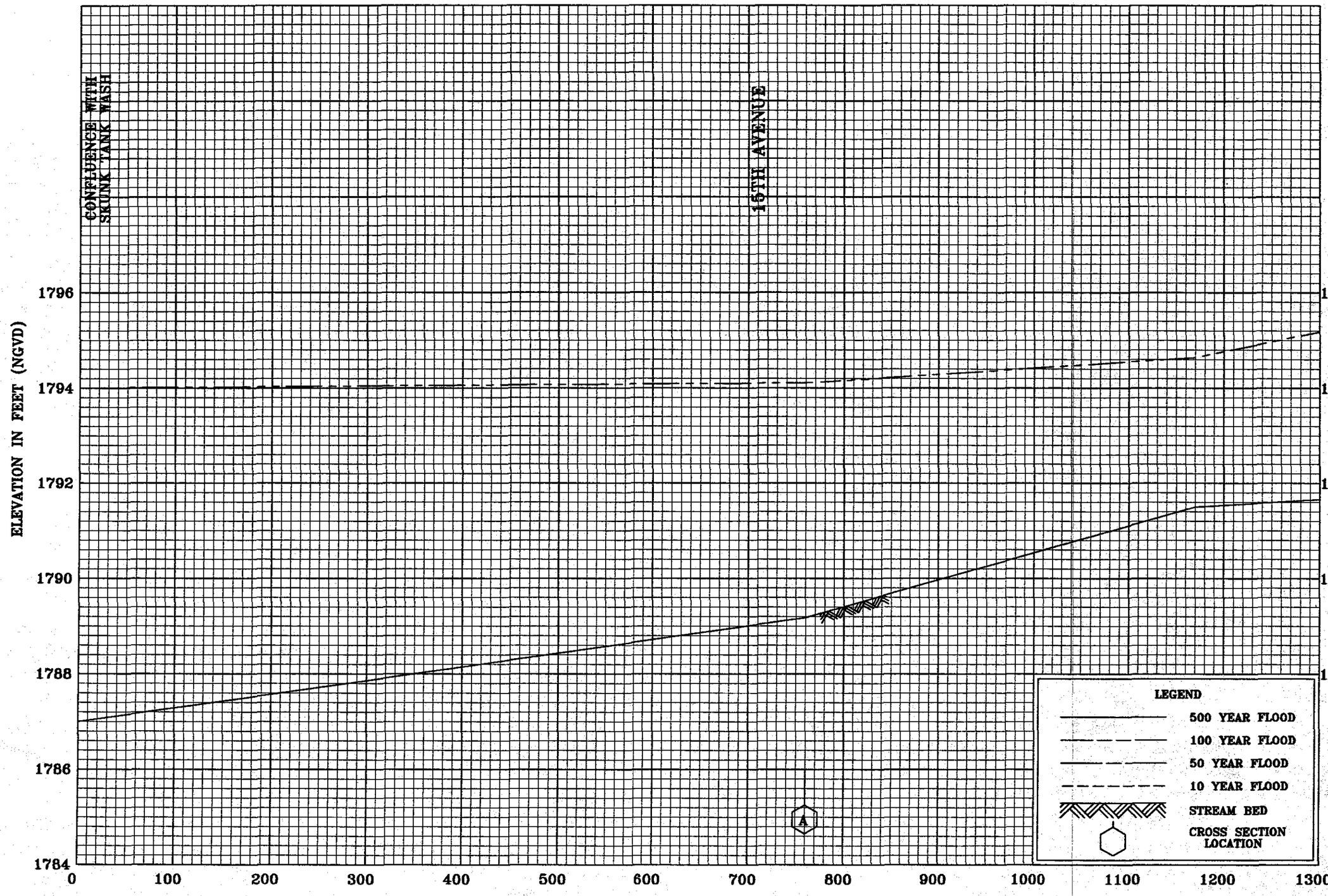
SKUNK TANK WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1039P



FLOOD PROFILES

VALLEY WASH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1040P

VALLEY WASH

FLOOD PROFILES

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1041P

ELEVATION IN FEET (NGVD)

1800
1798
1796
1794
1792
1790
1788

1300 1400 1500 1600 1700 1800 1900 2000 2100 2200

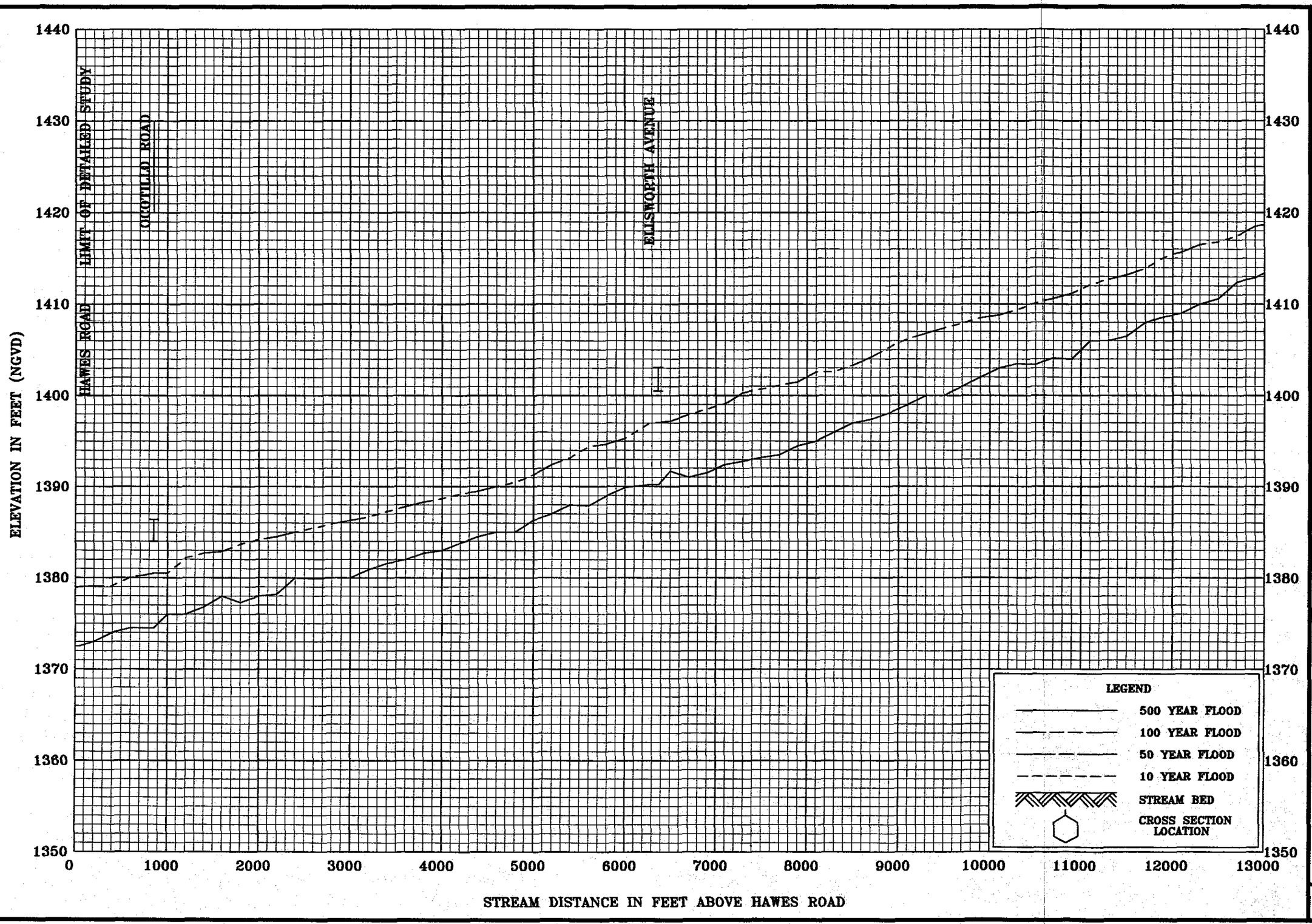
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SKUNK TANK WASH

11TH AVENUE
LIMIT OF DETAILED STUDY

B
C

LEGEND

- 500 YEAR FLOOD
- 100 YEAR FLOOD
- 50 YEAR FLOOD
- 10 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION



FLOOD PROFILES

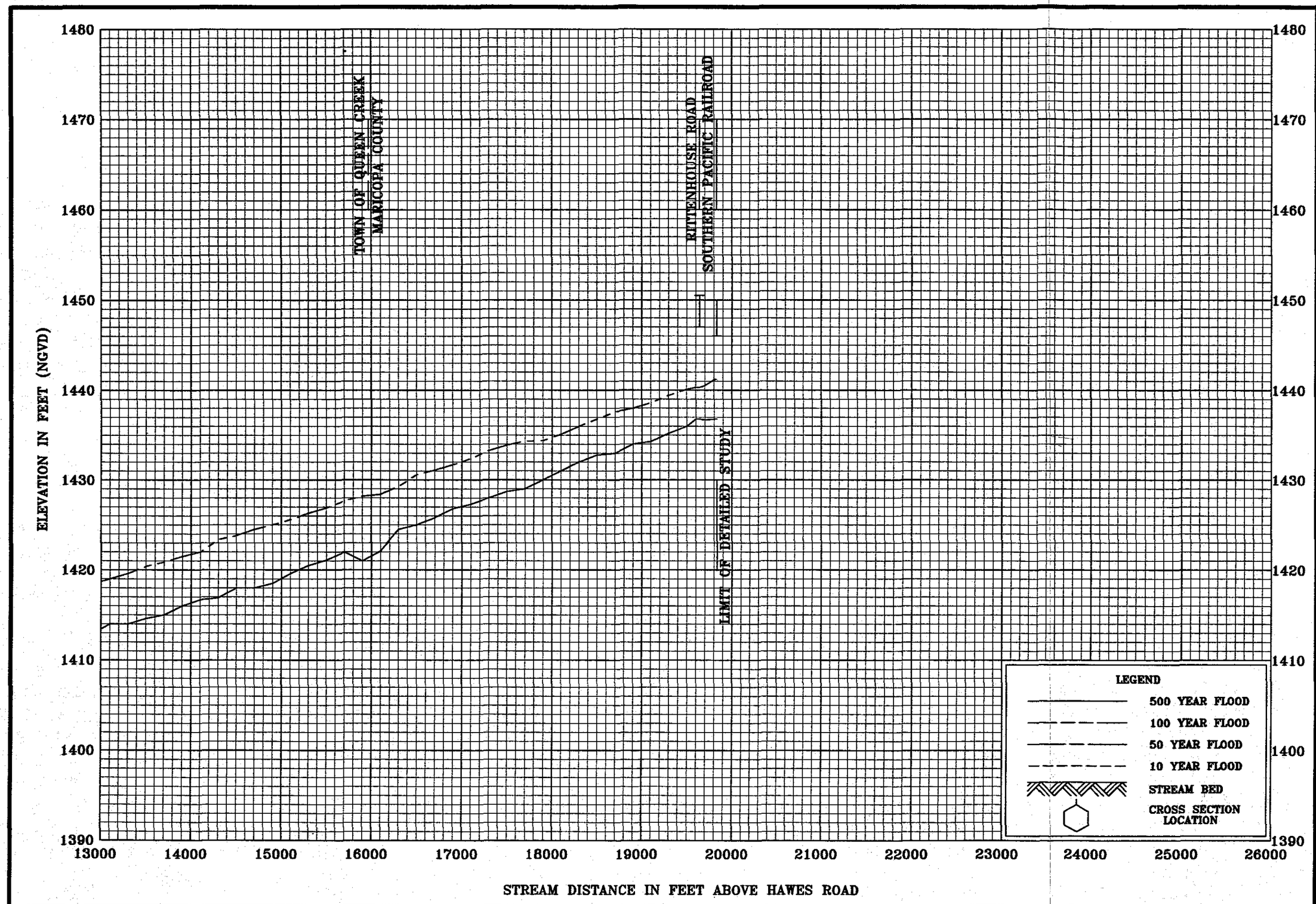
QUEEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1042P



FLOOD PROFILES

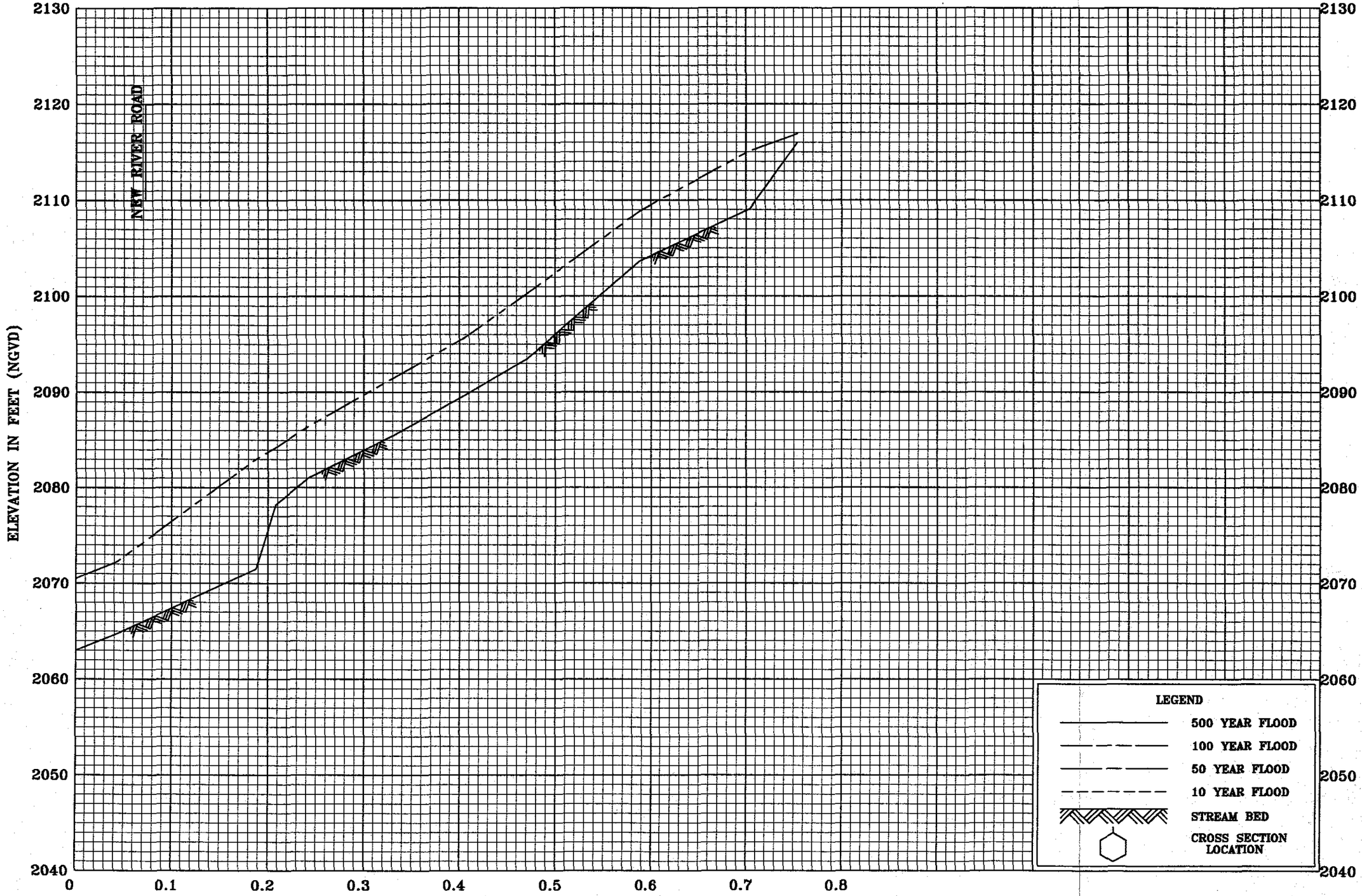
QUEEN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1043P



FLOOD PROFILES

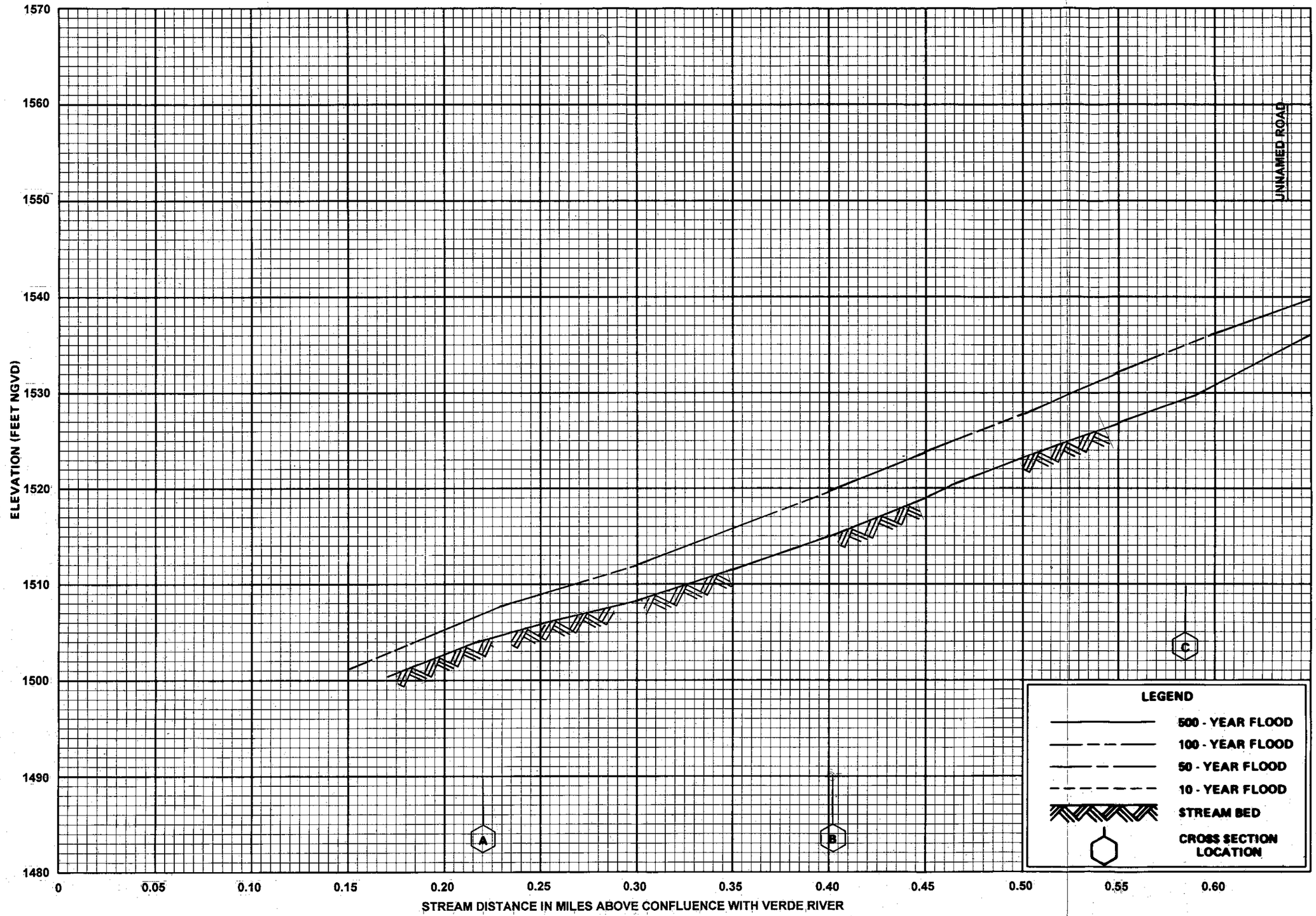
SKUNK CREEK EAST SPLIT FLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1044P



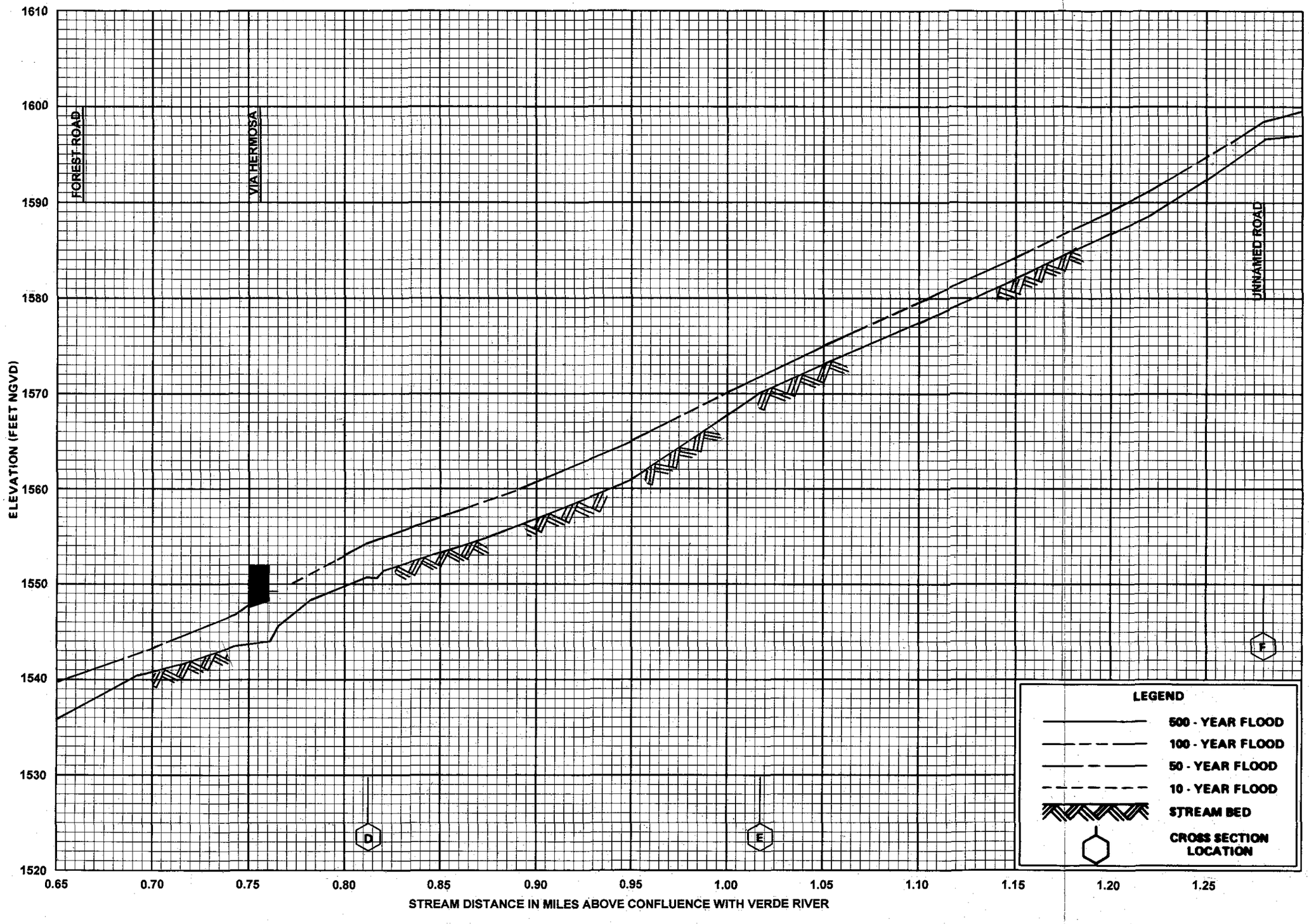
FLOOD PROFILES

WASH 9

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1047P



FLOOD PROFILES

WASH 9

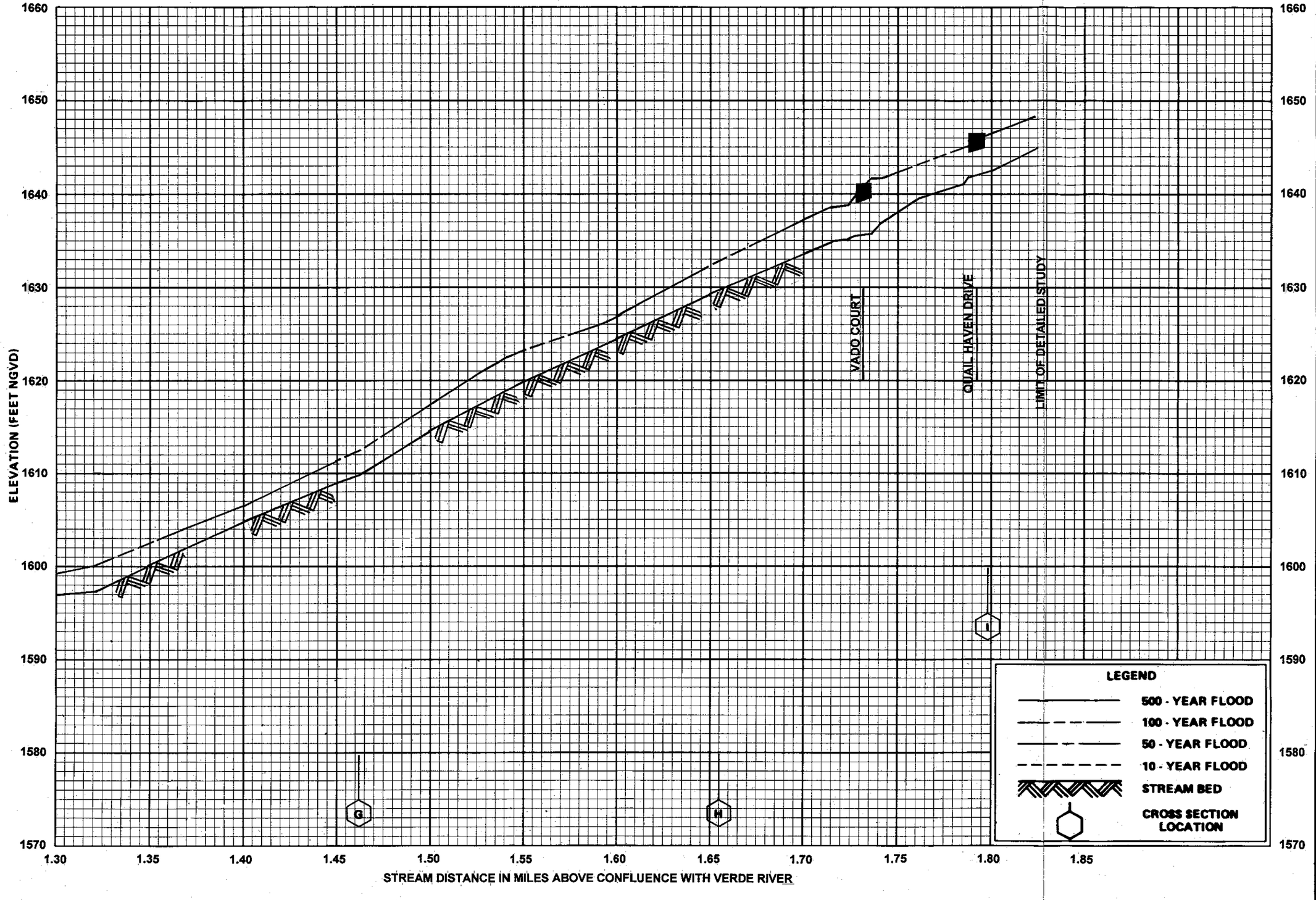
FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1048P

FLOOD PROFILES

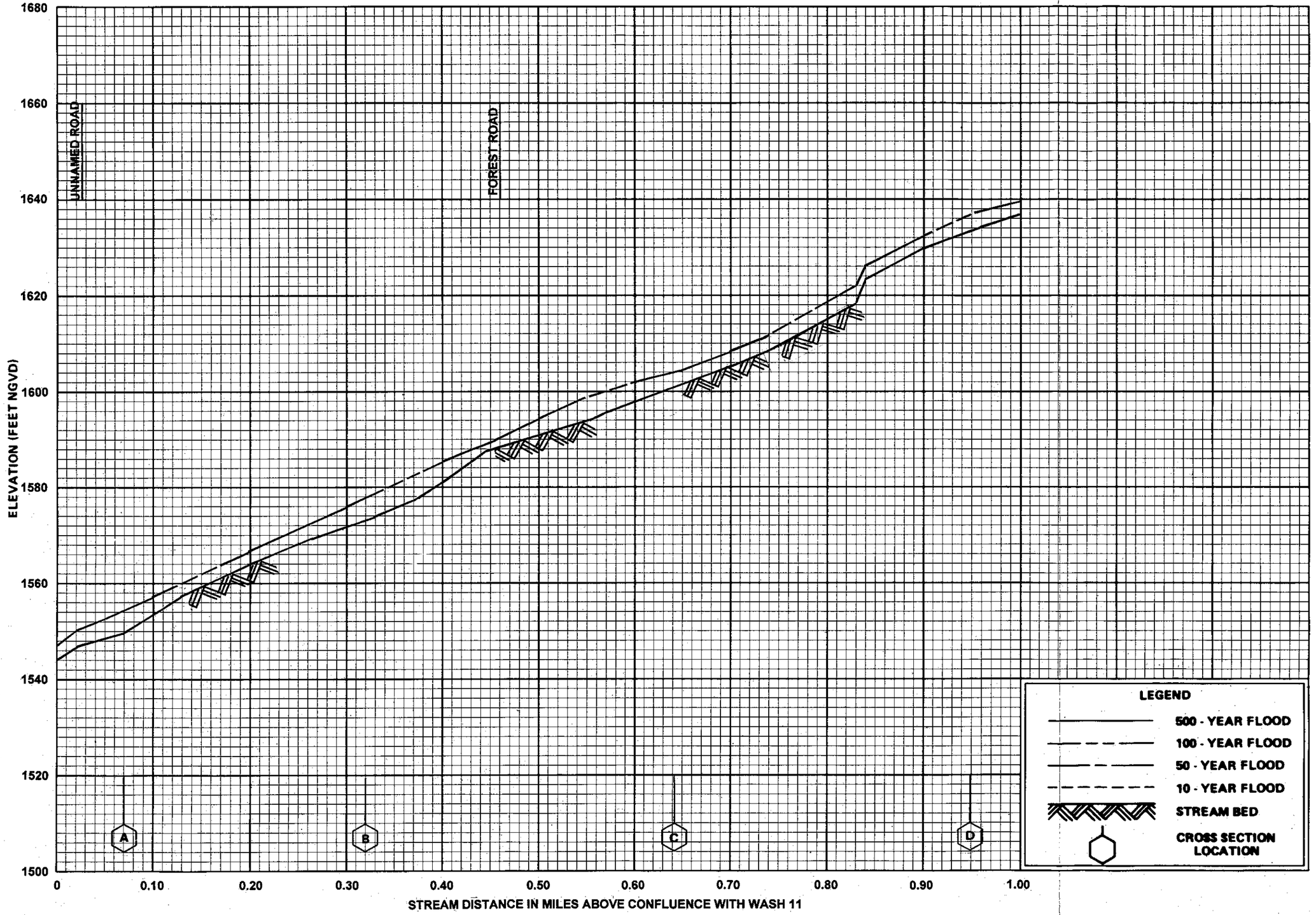
WASH 9



FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1049P



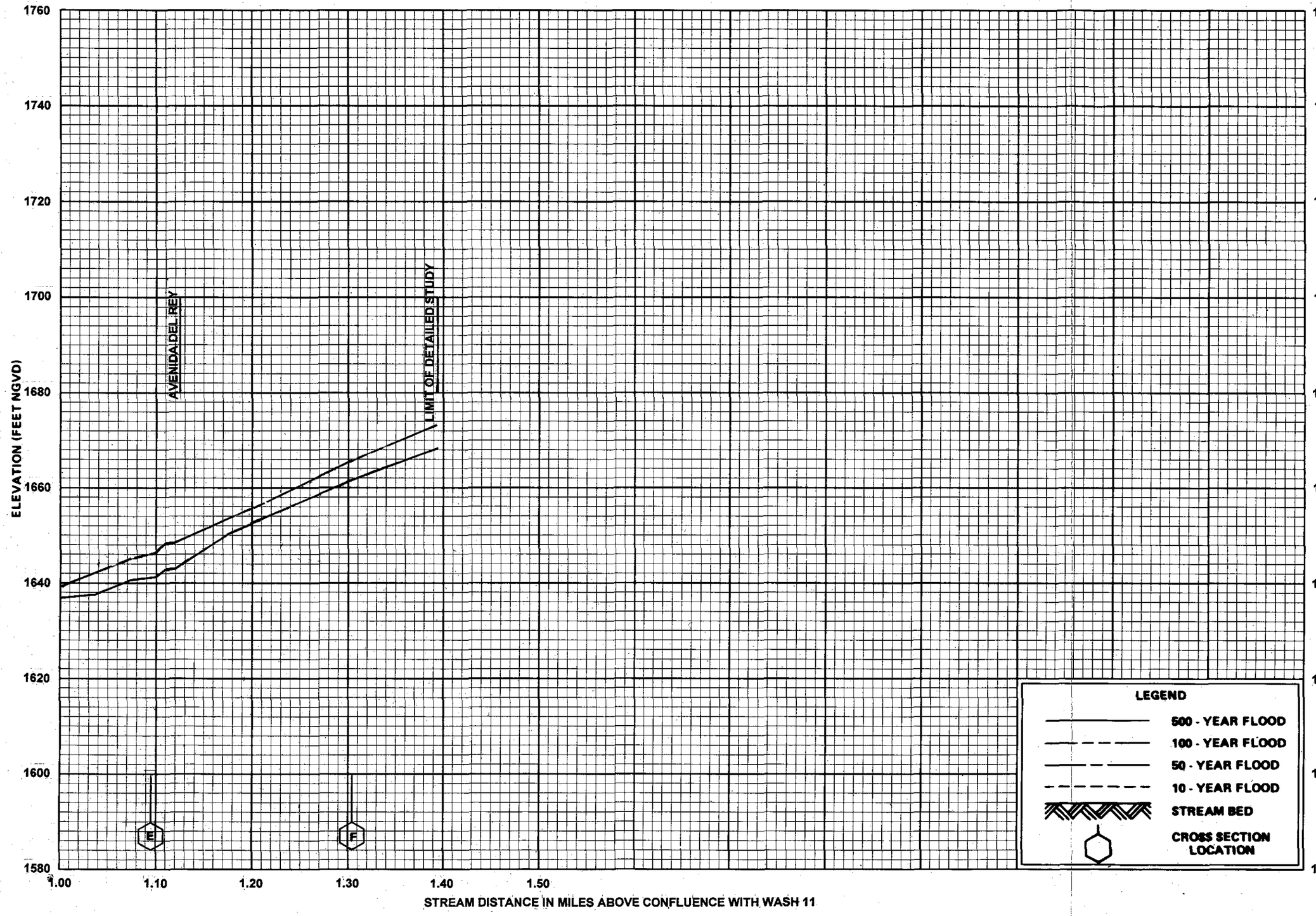
FLOOD PROFILES

WASH 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1050P



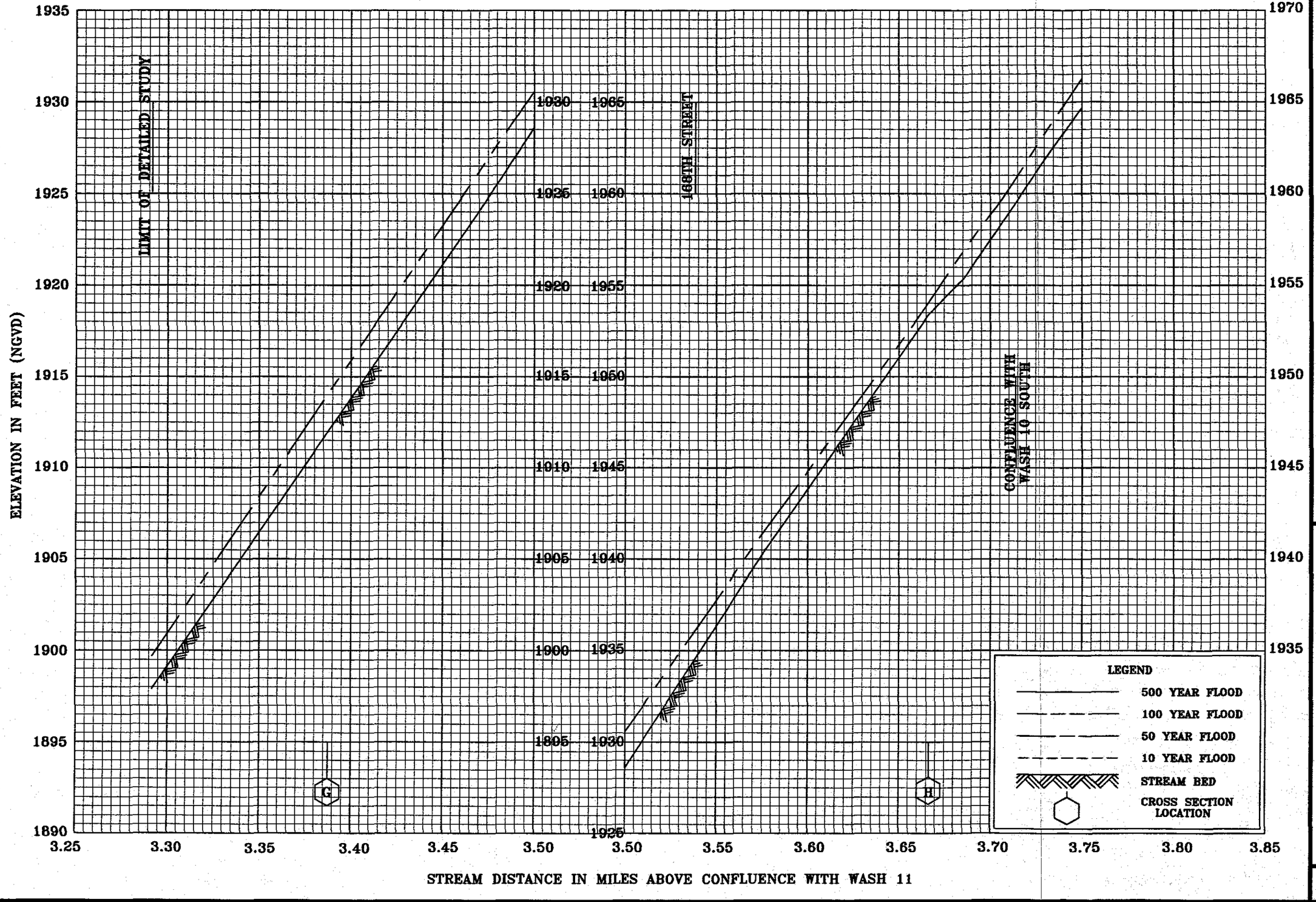
FLOOD PROFILES

WASH 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1051P



FLOOD PROFILES

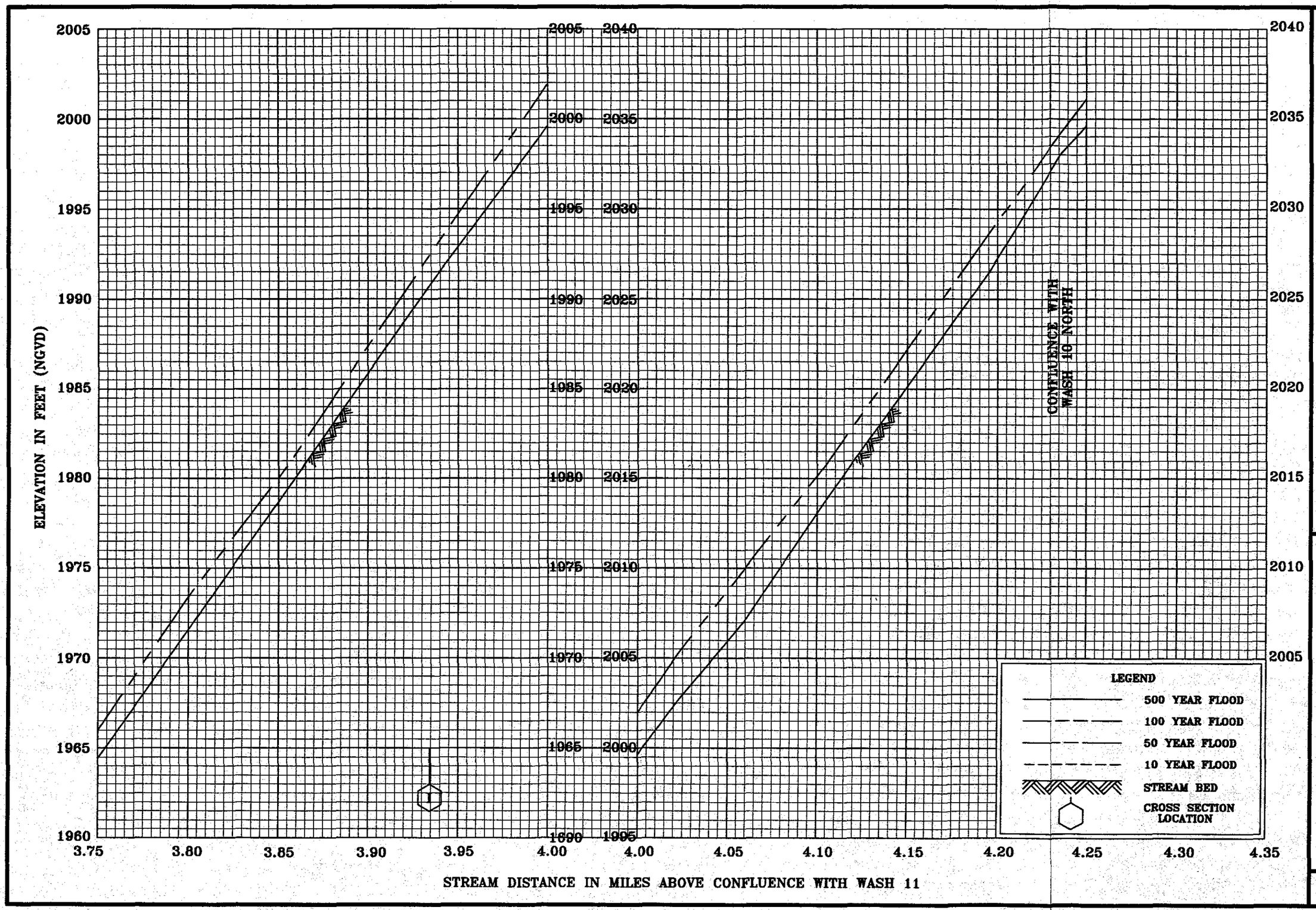
WASH 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1052P



FLOOD PROFILES

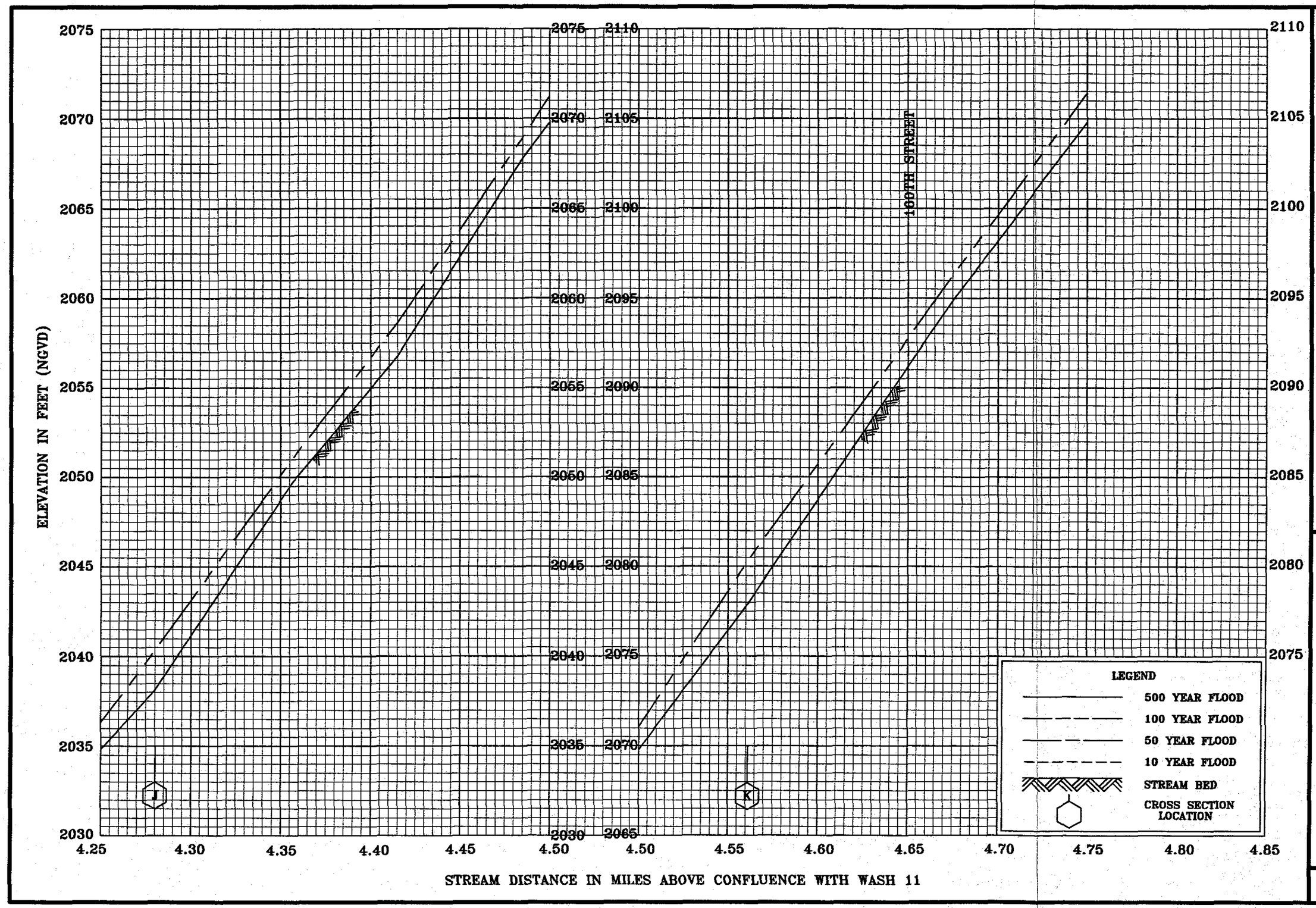
WASH 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1053P



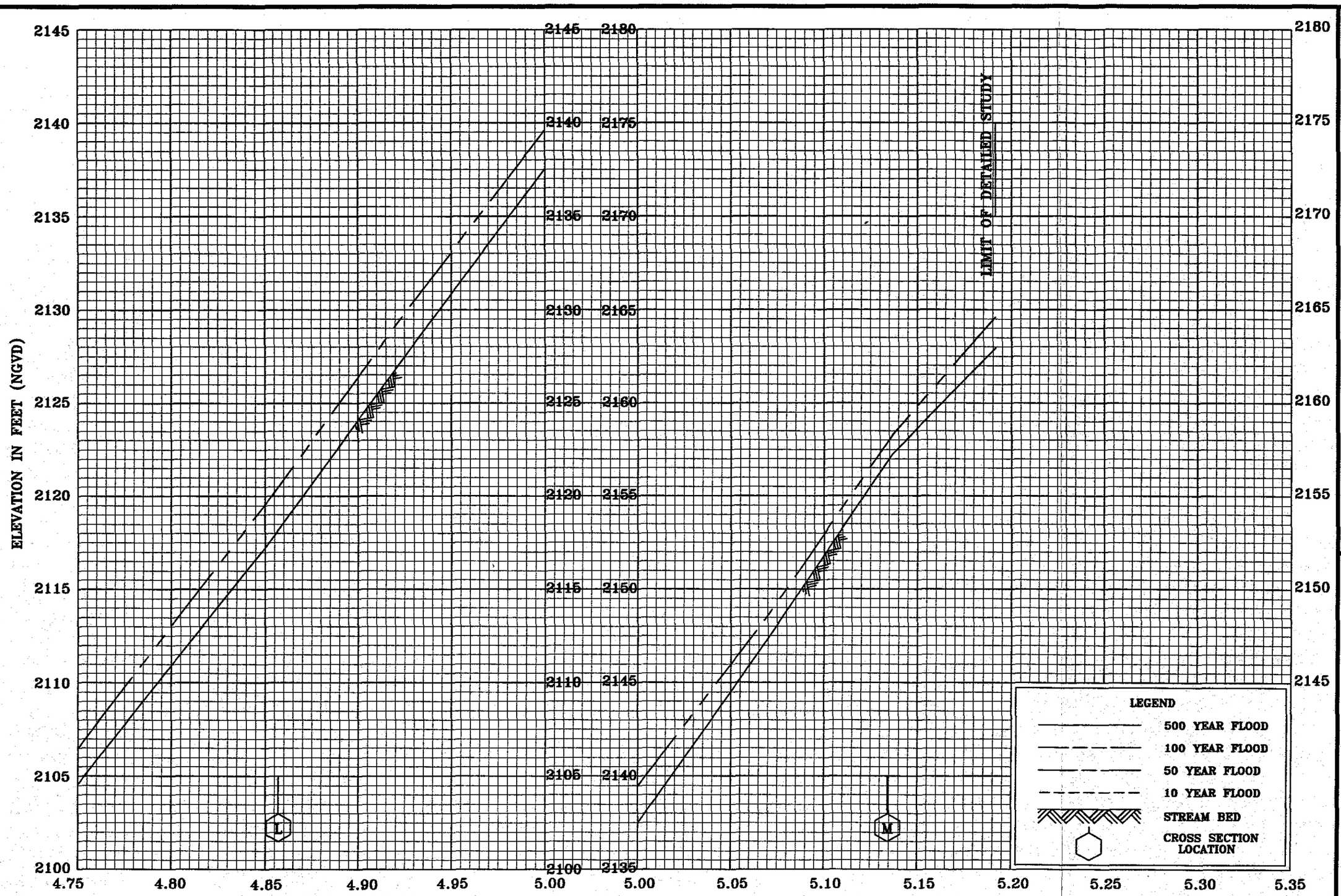
WASH 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1054P



FLOOD PROFILES

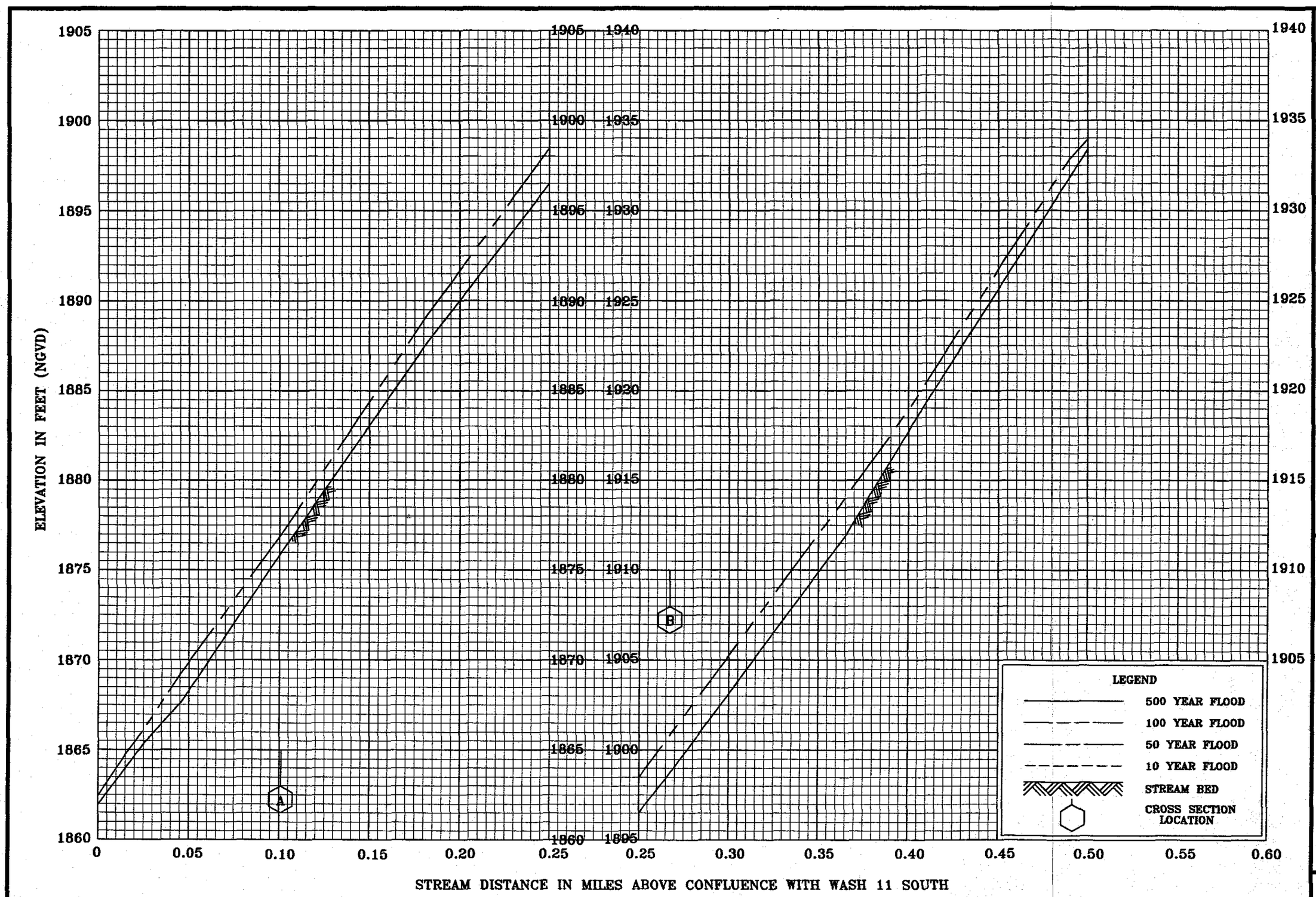
WASH 10

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1055P



FLOOD PROFILES

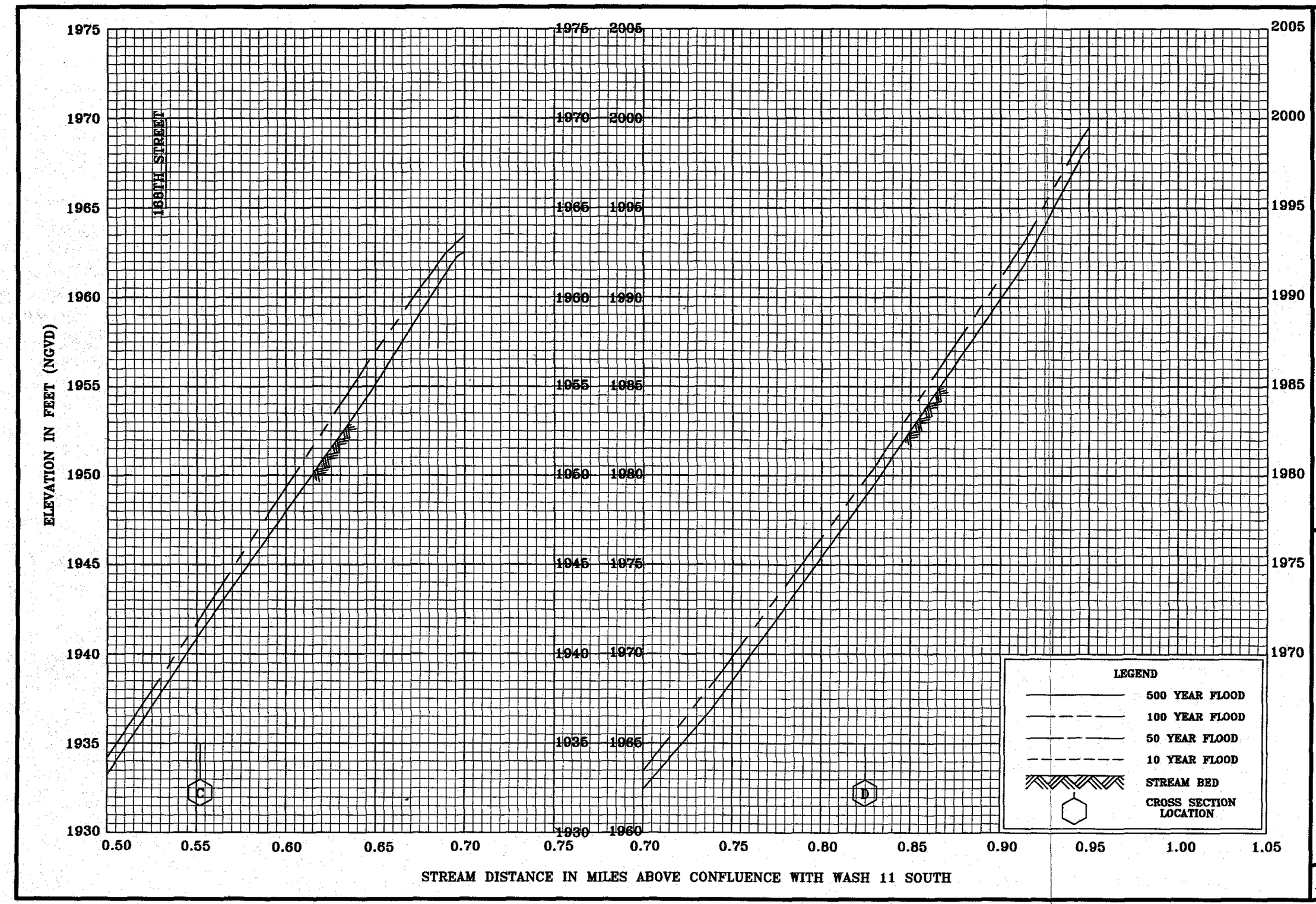
WASH 10 NORTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1056P



FLOOD PROFILES

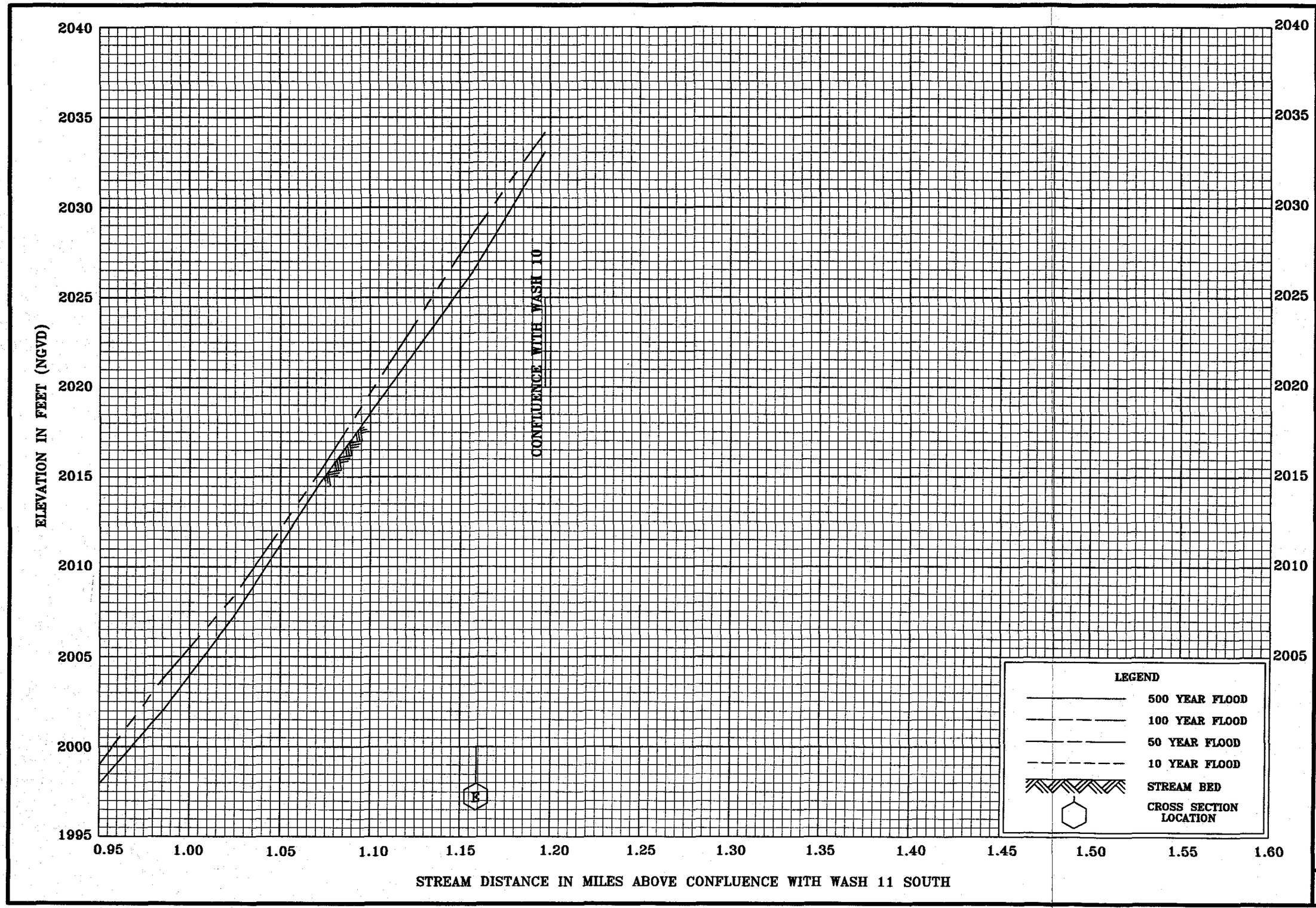
WASH 10 NORTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1057P



FLOOD PROFILES

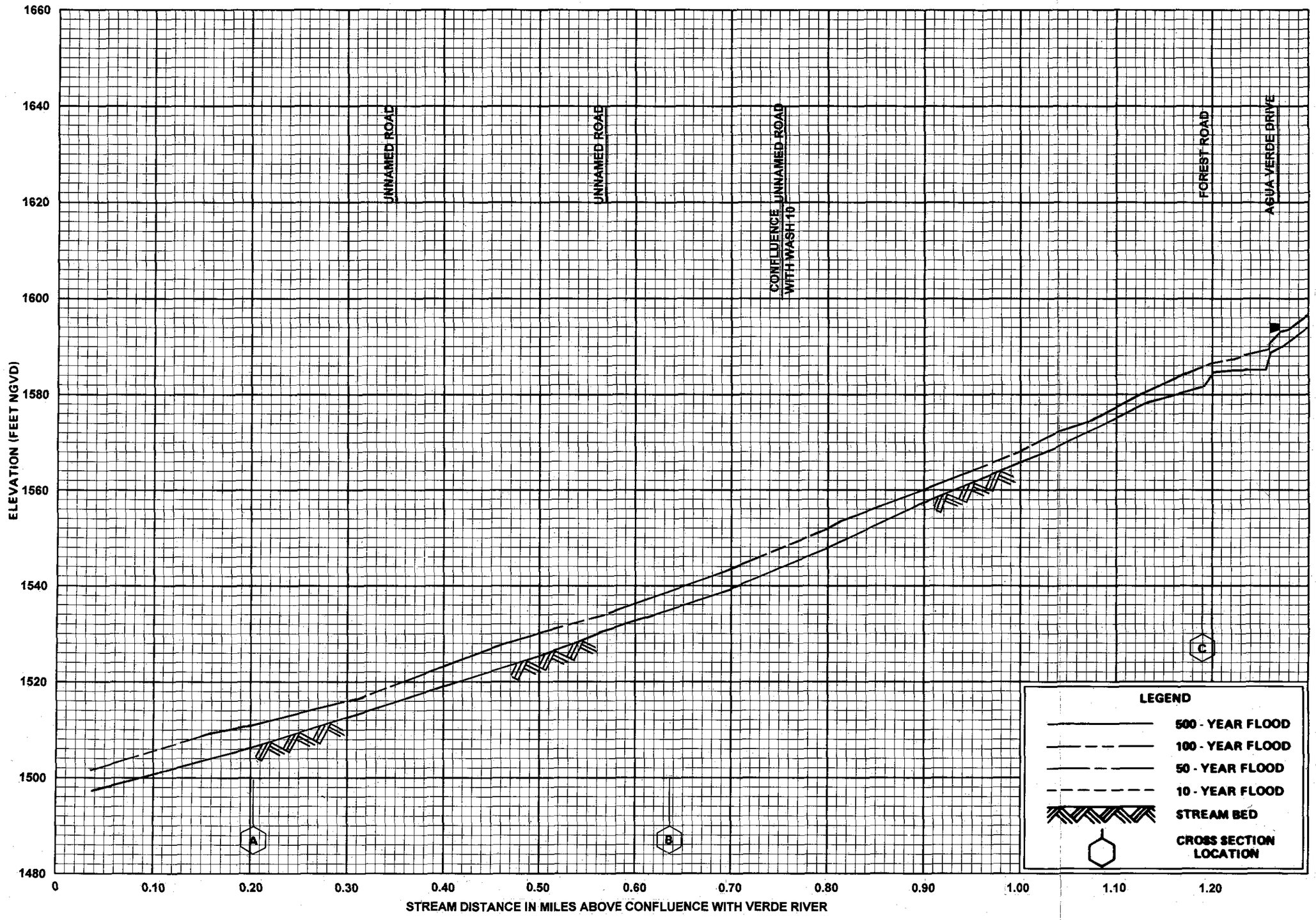
WASH 10 NORTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1058P



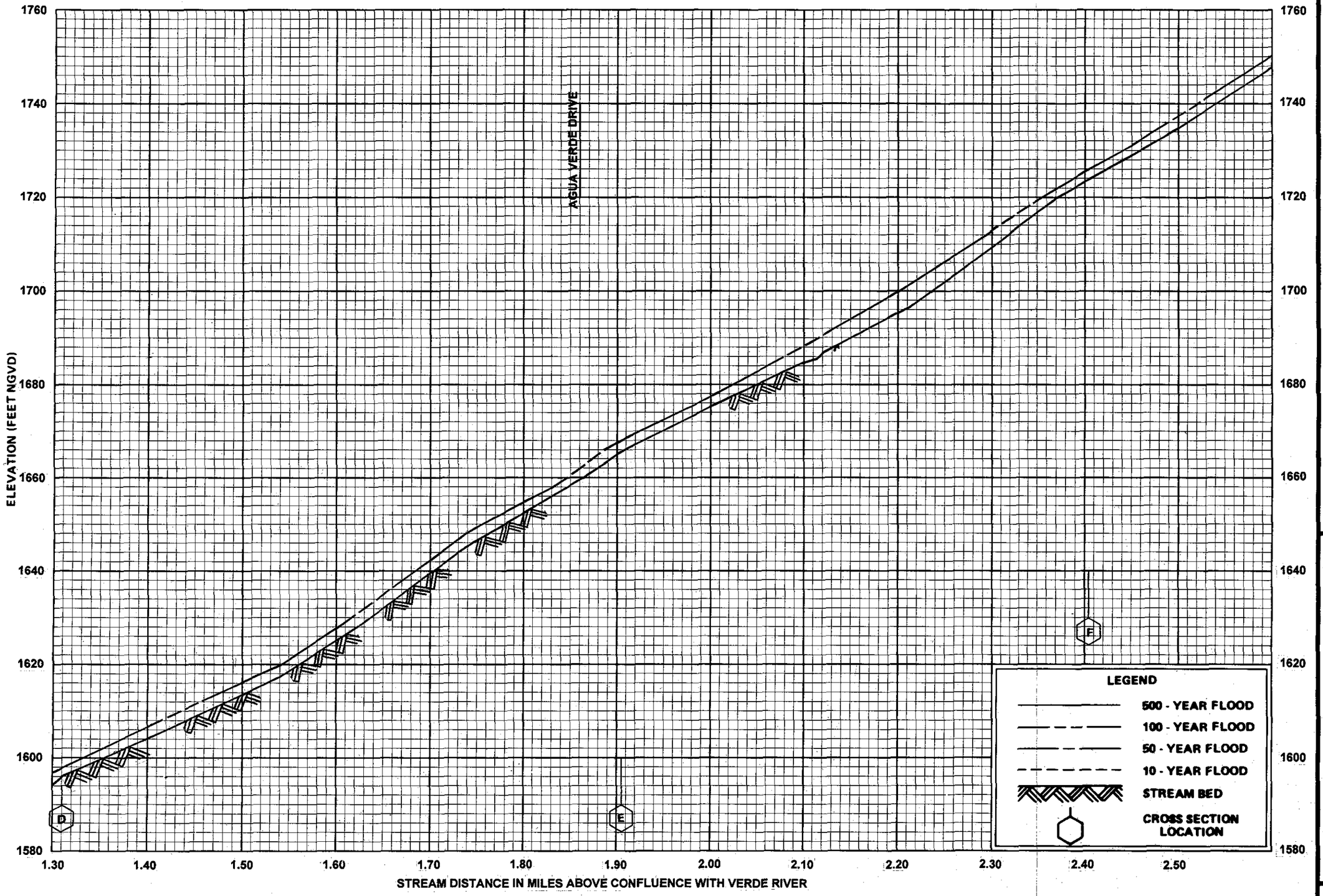
FLOOD PROFILES

WASH 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1059P



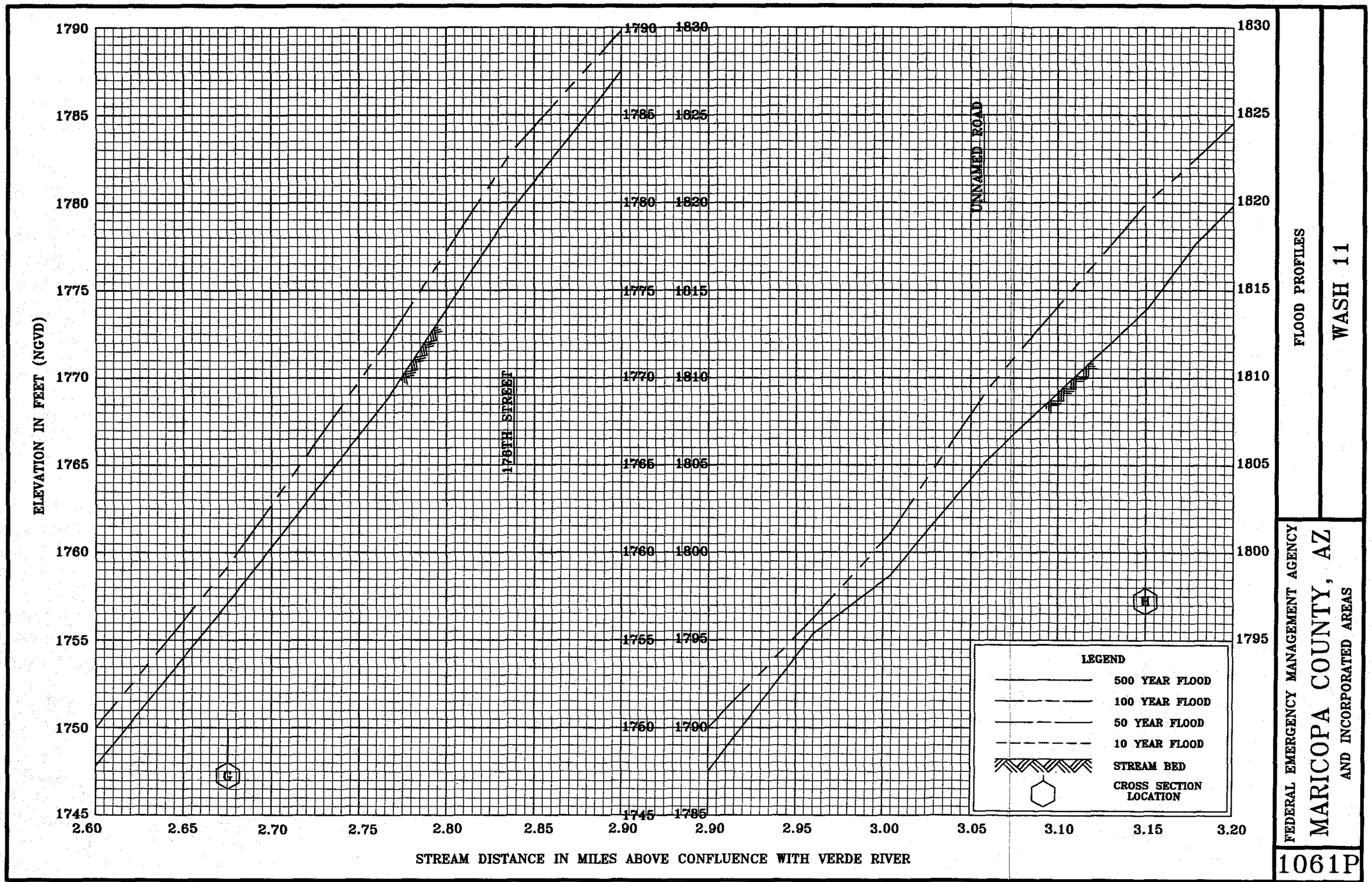
FLOOD PROFILES

WASH 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1060P



FLOOD PROFILES

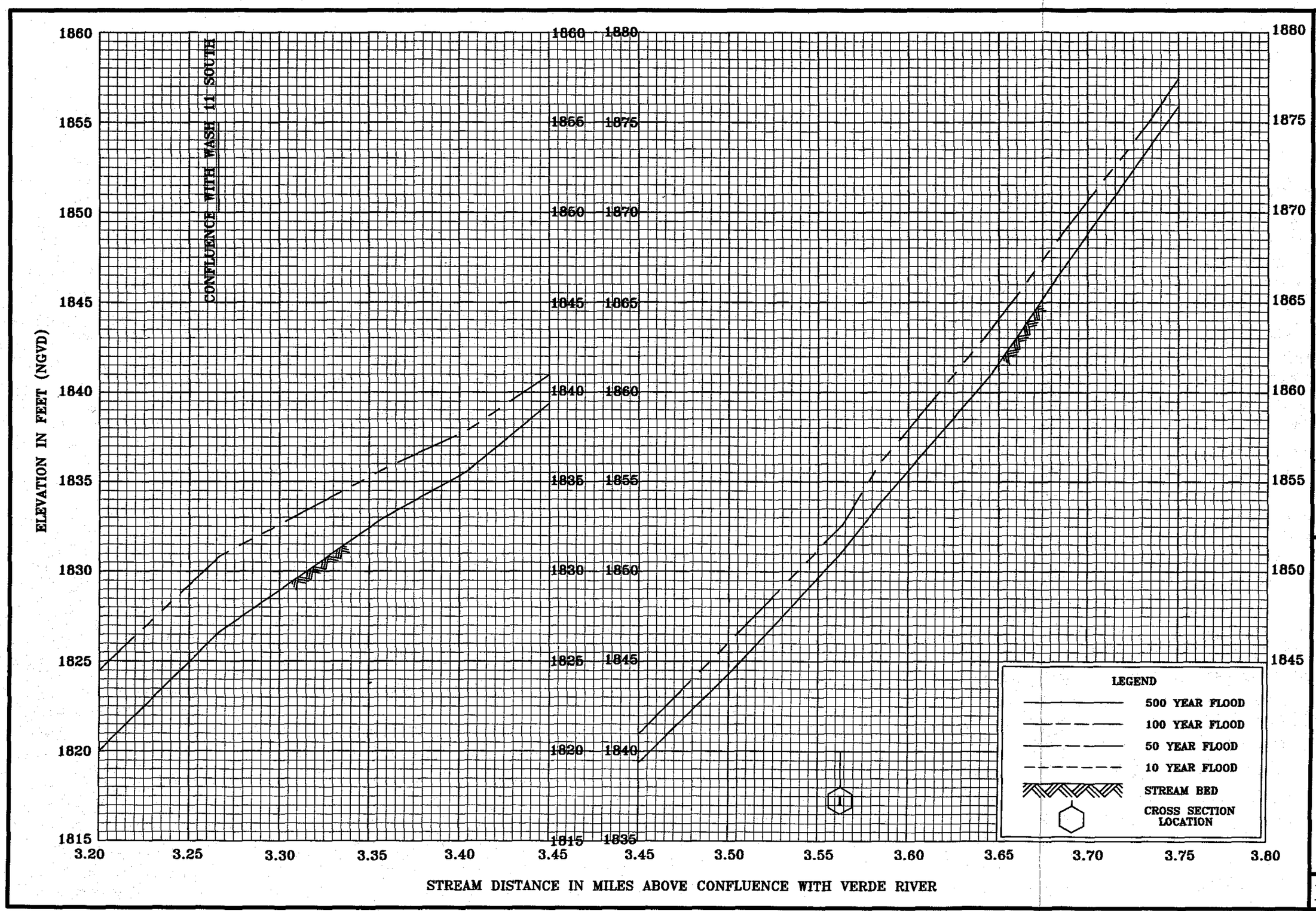
WASH 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1061P



FLOOD PROFILES

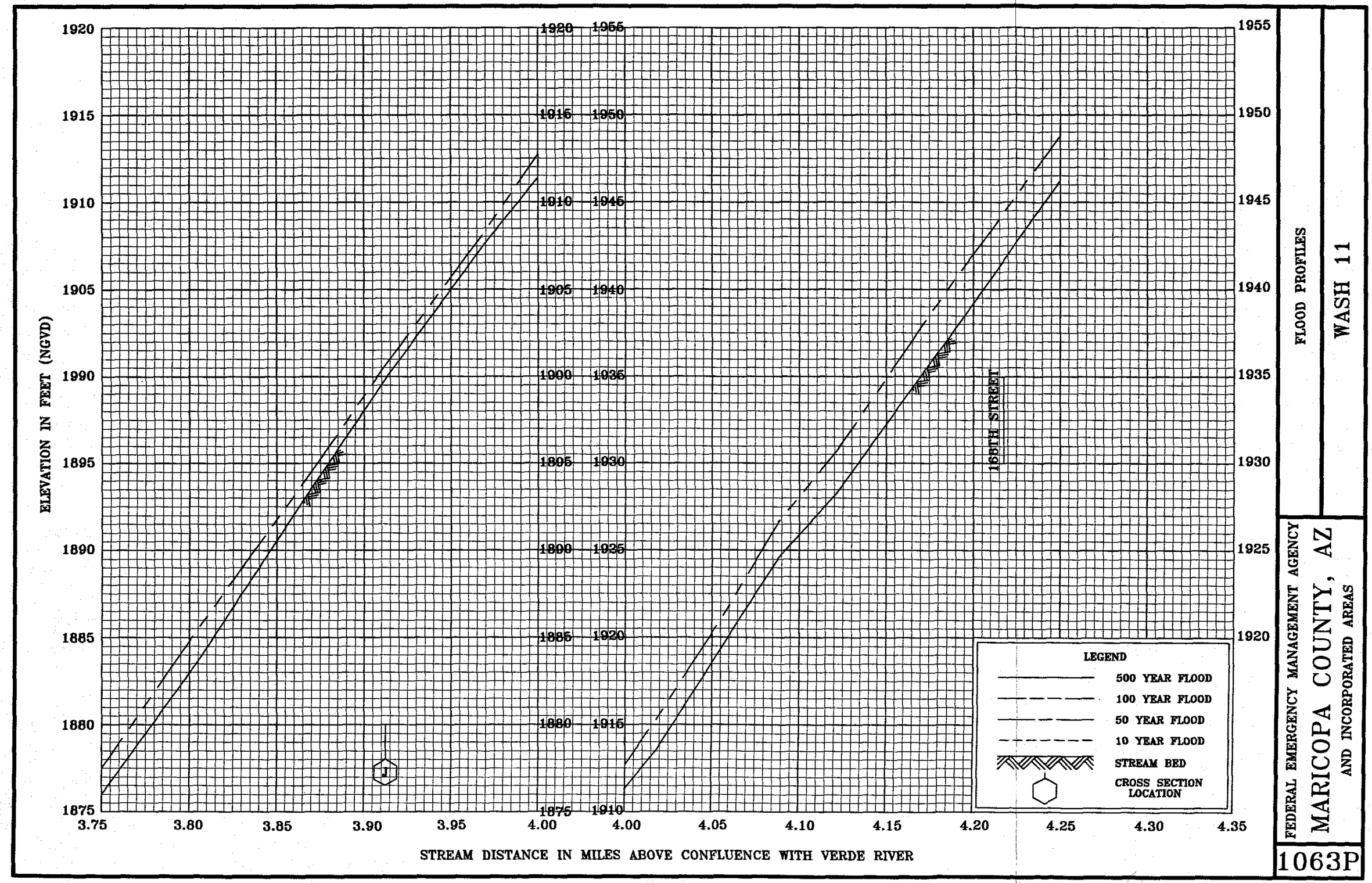
WASH 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1062P



FLOOD PROFILES

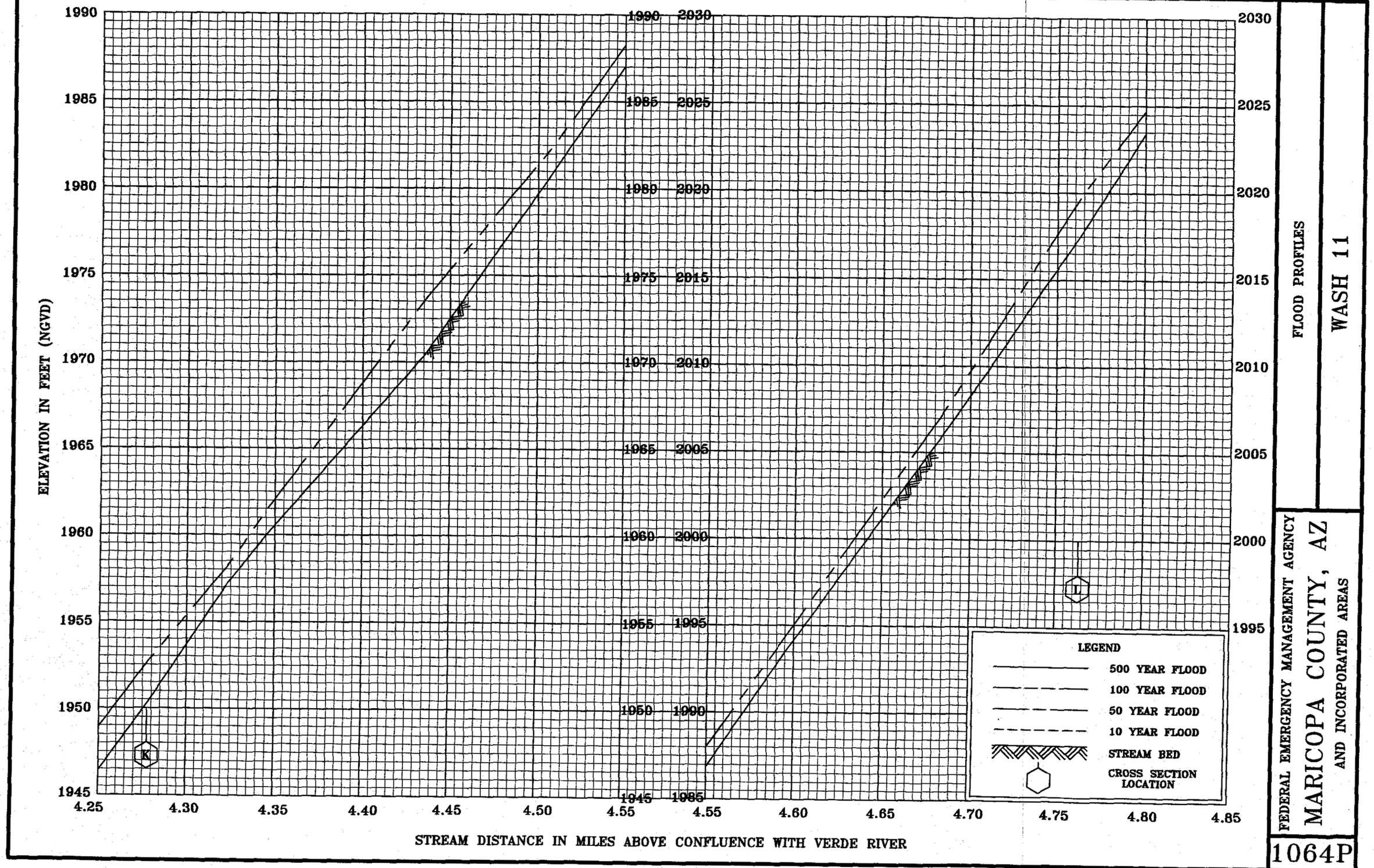
WASH 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1063P



FLOOD PROFILES

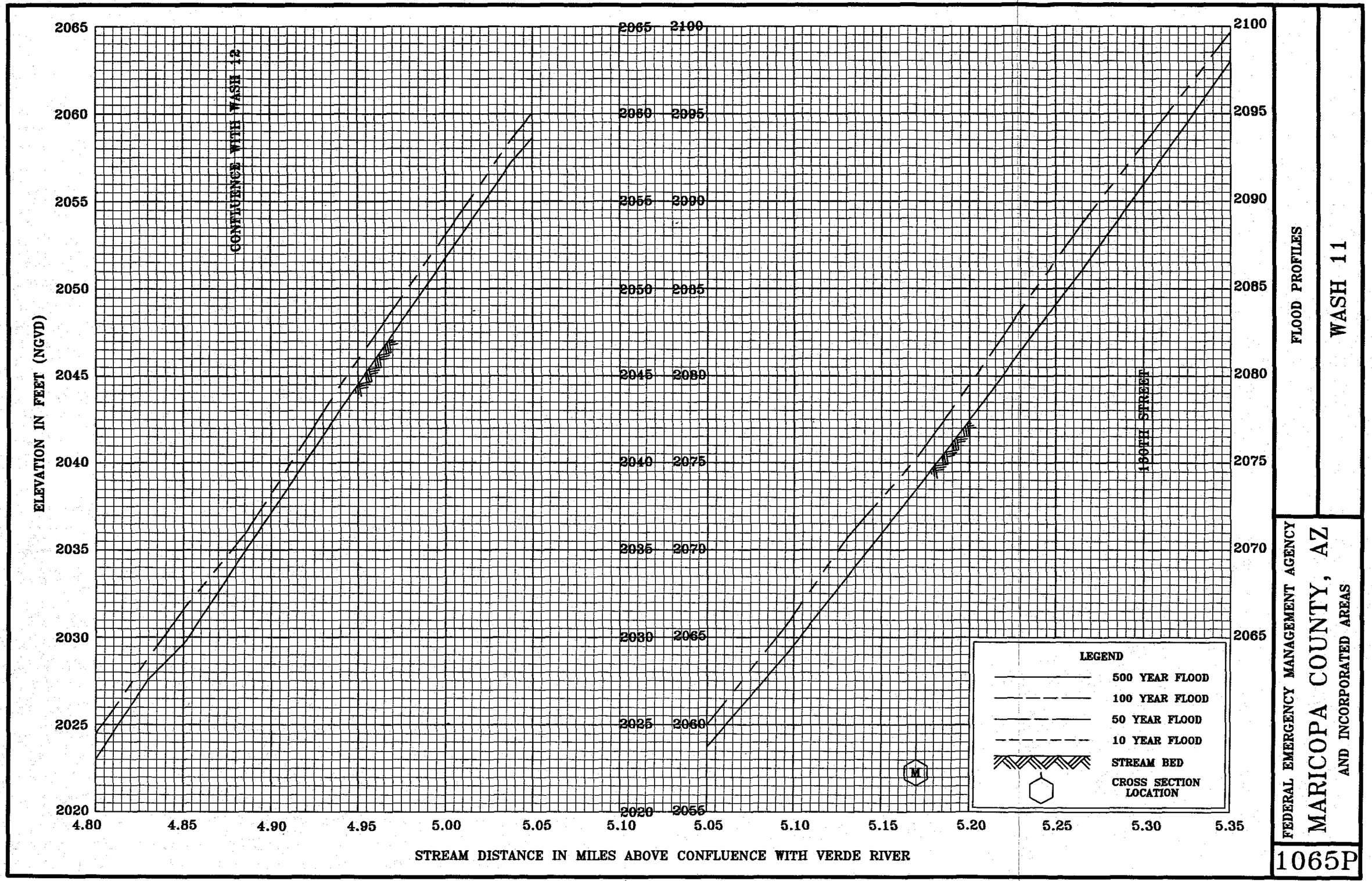
WASH 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1064P



FLOOD PROFILES

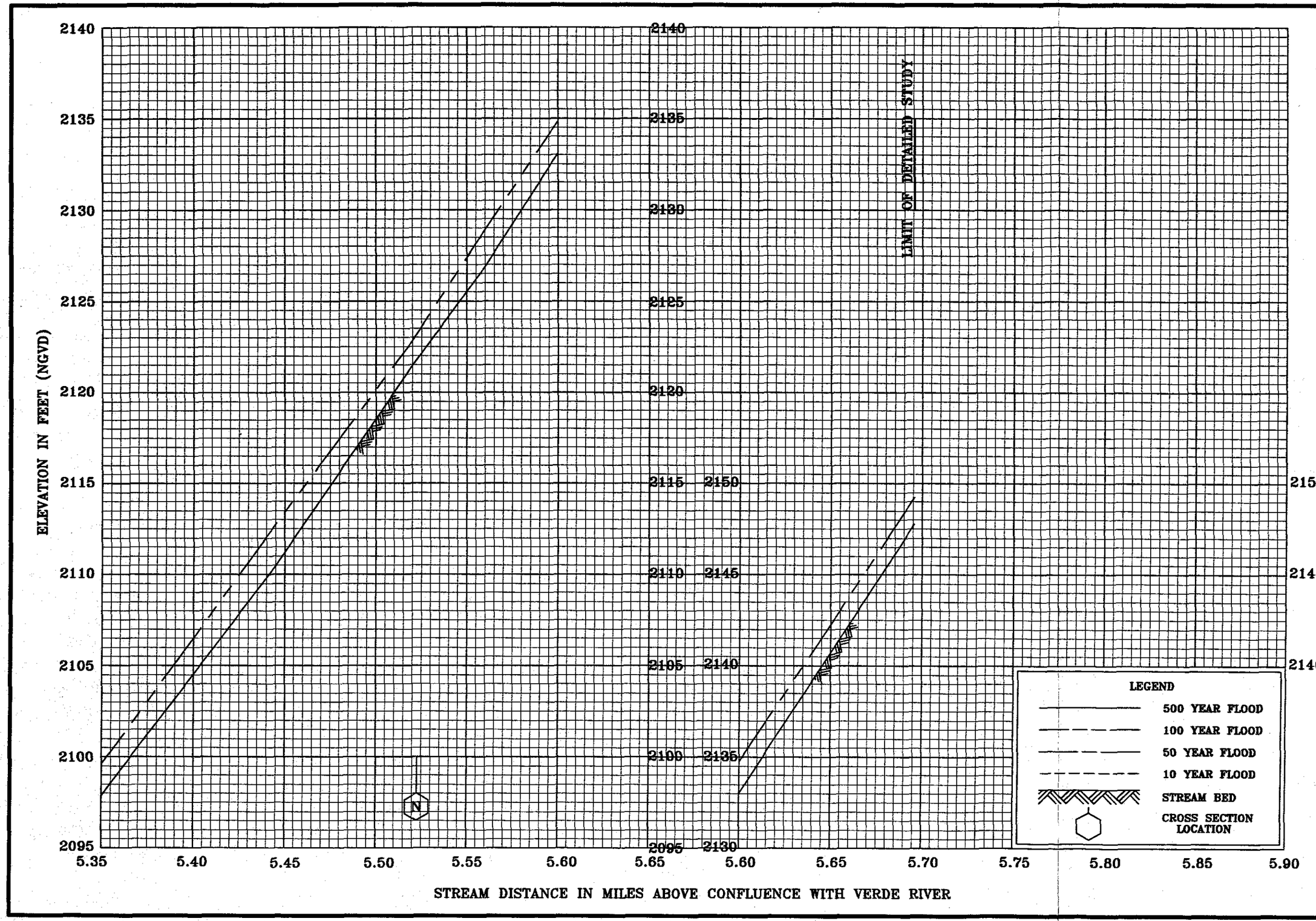
WASH 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1065P



FLOOD PROFILES

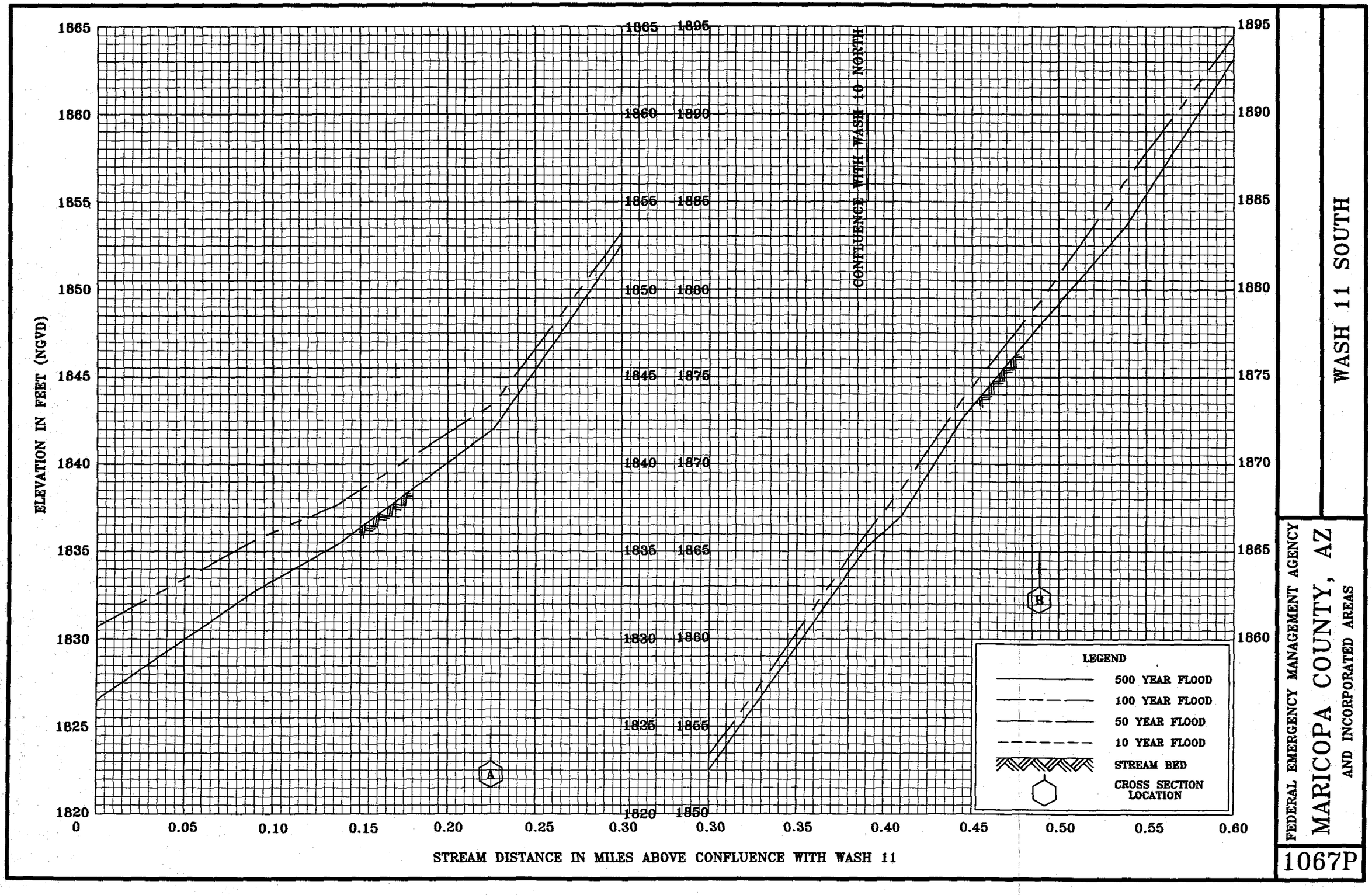
WASH 11

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1066P



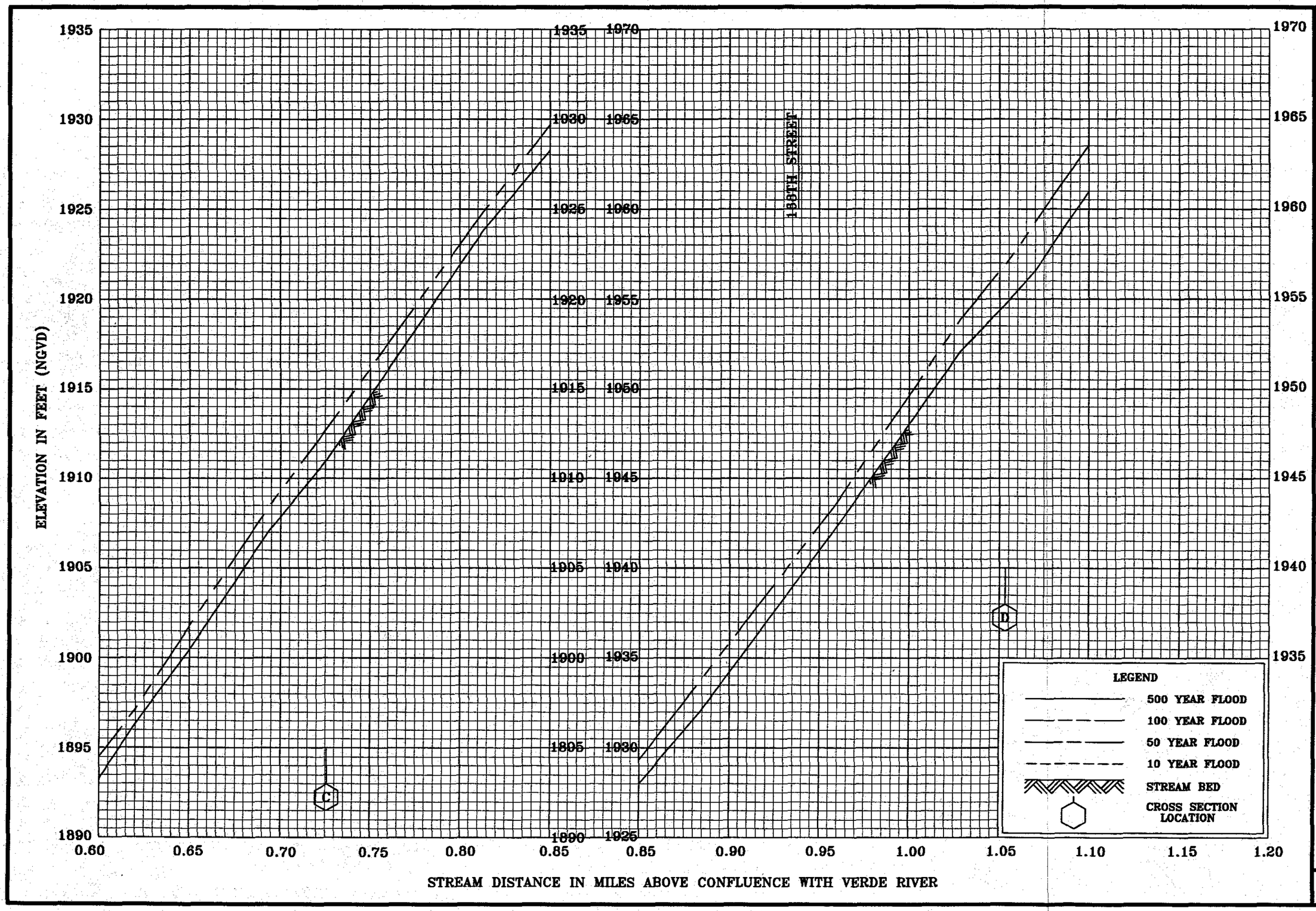
WASH 11 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1067P



FLOOD PROFILES

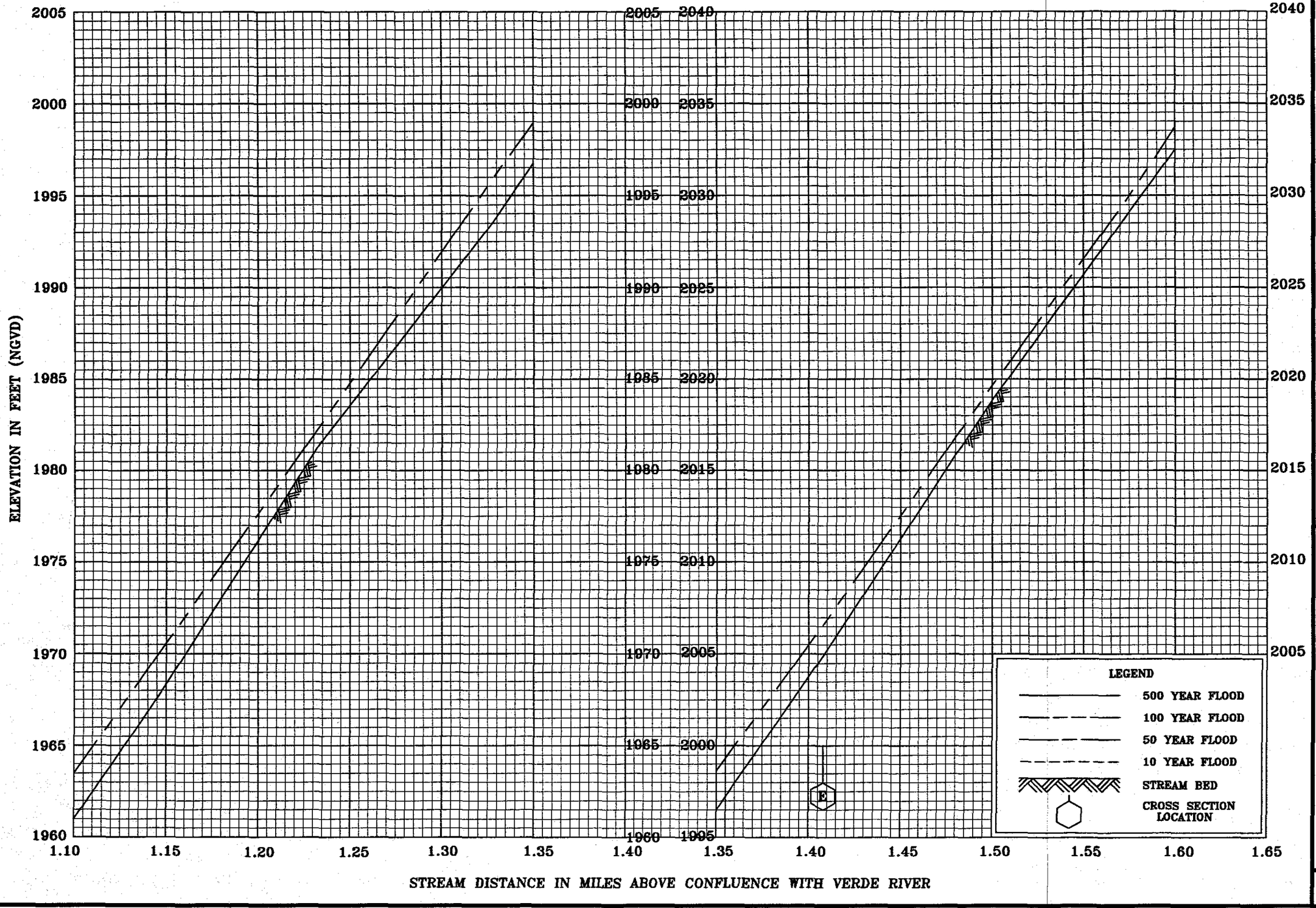
WASH 11 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1068P



FLOOD PROFILES

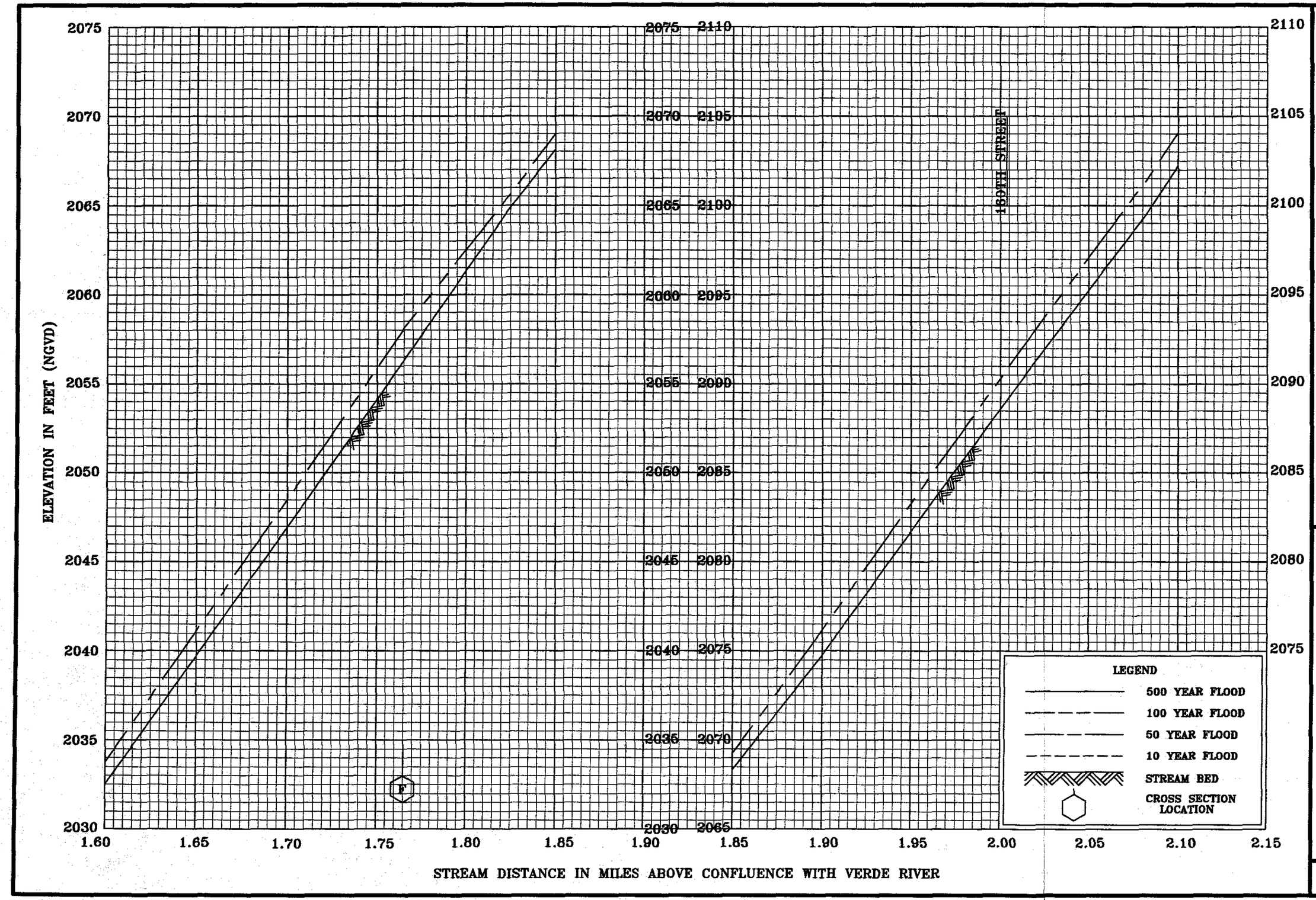
WASH 11 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1069P



FLOOD PROFILES

WASH 11 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1070P

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NGVD)

2125
2120
2115
2110
2105
2100

2.10 2.15 2.20 2.25 2.30 2.35 2.40 2.45 2.50 2.55 2.60 2.65 2.70 2.75

STREAM DISTANCE IN MILES ABOVE CONFLUENCE WITH VERDE RIVER

G

LEGEND

- 500 YEAR FLOOD
- 100 YEAR FLOOD
- 50 YEAR FLOOD
- 10 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FLOOD PROFILES

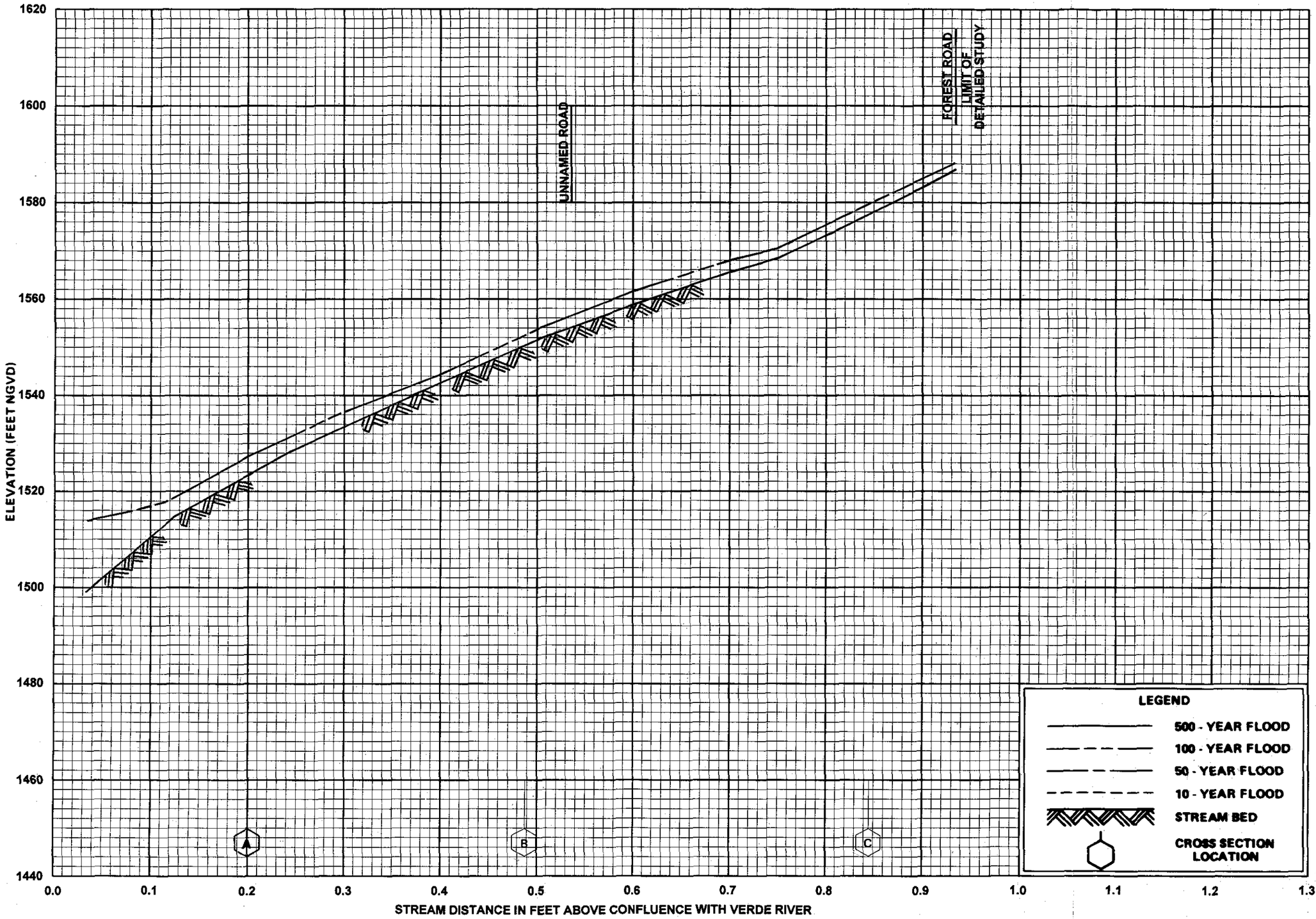
WASH 11 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1071P



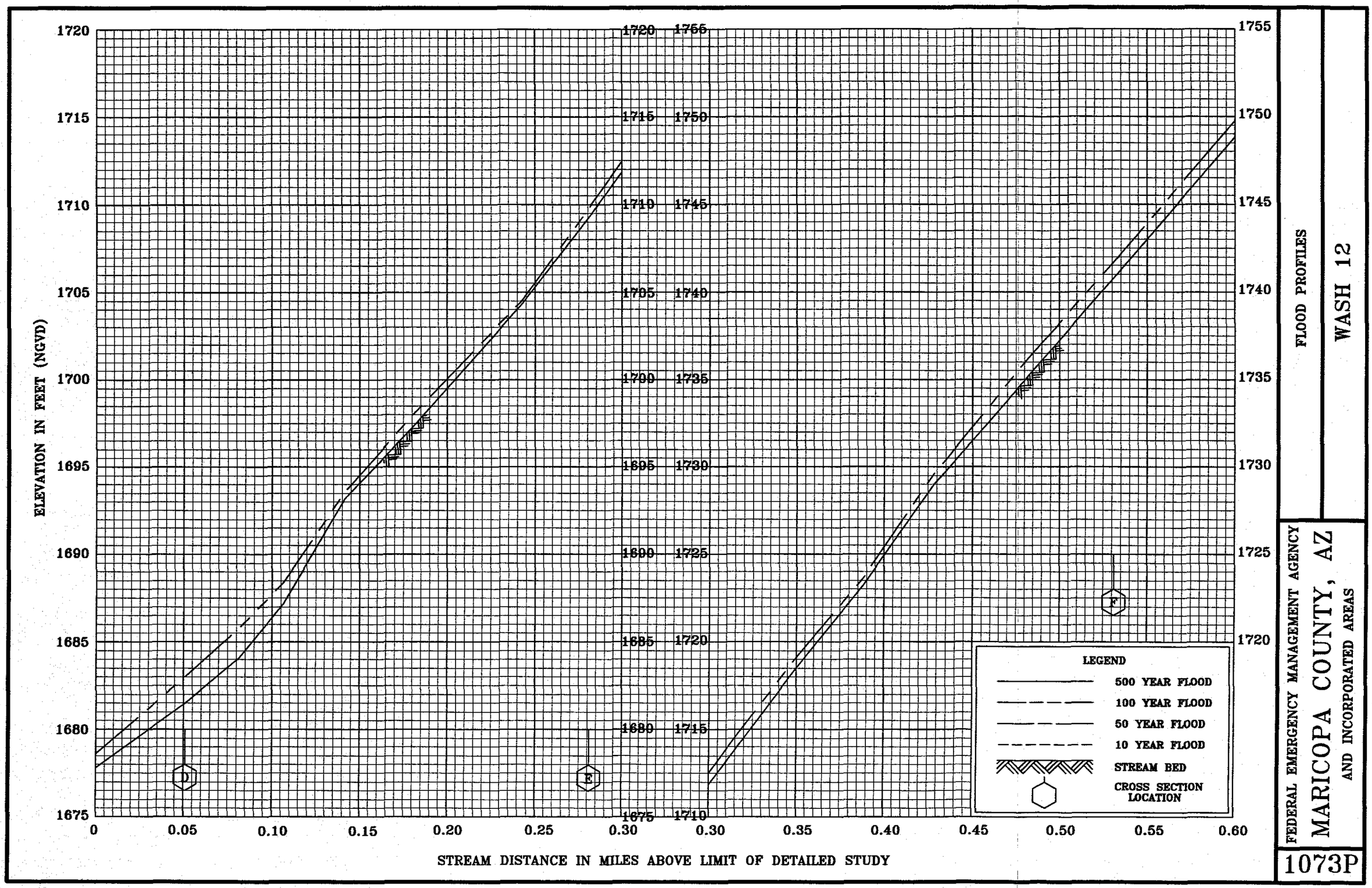
FLOOD PROFILES

WASH 11 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ
AND INCORPORATED AREAS

1072P



FLOOD PROFILES

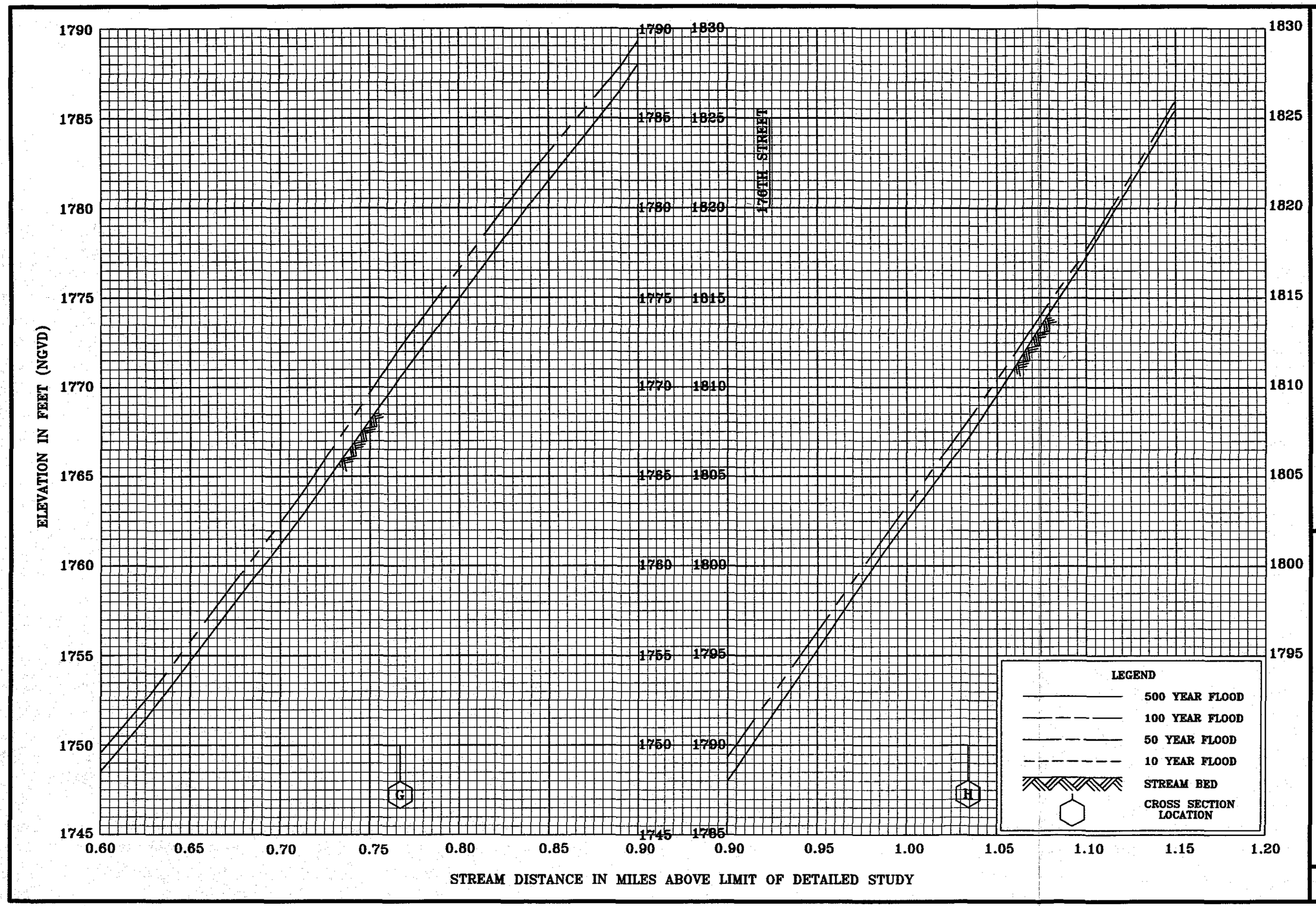
WASH 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1073P



FLOOD PROFILES

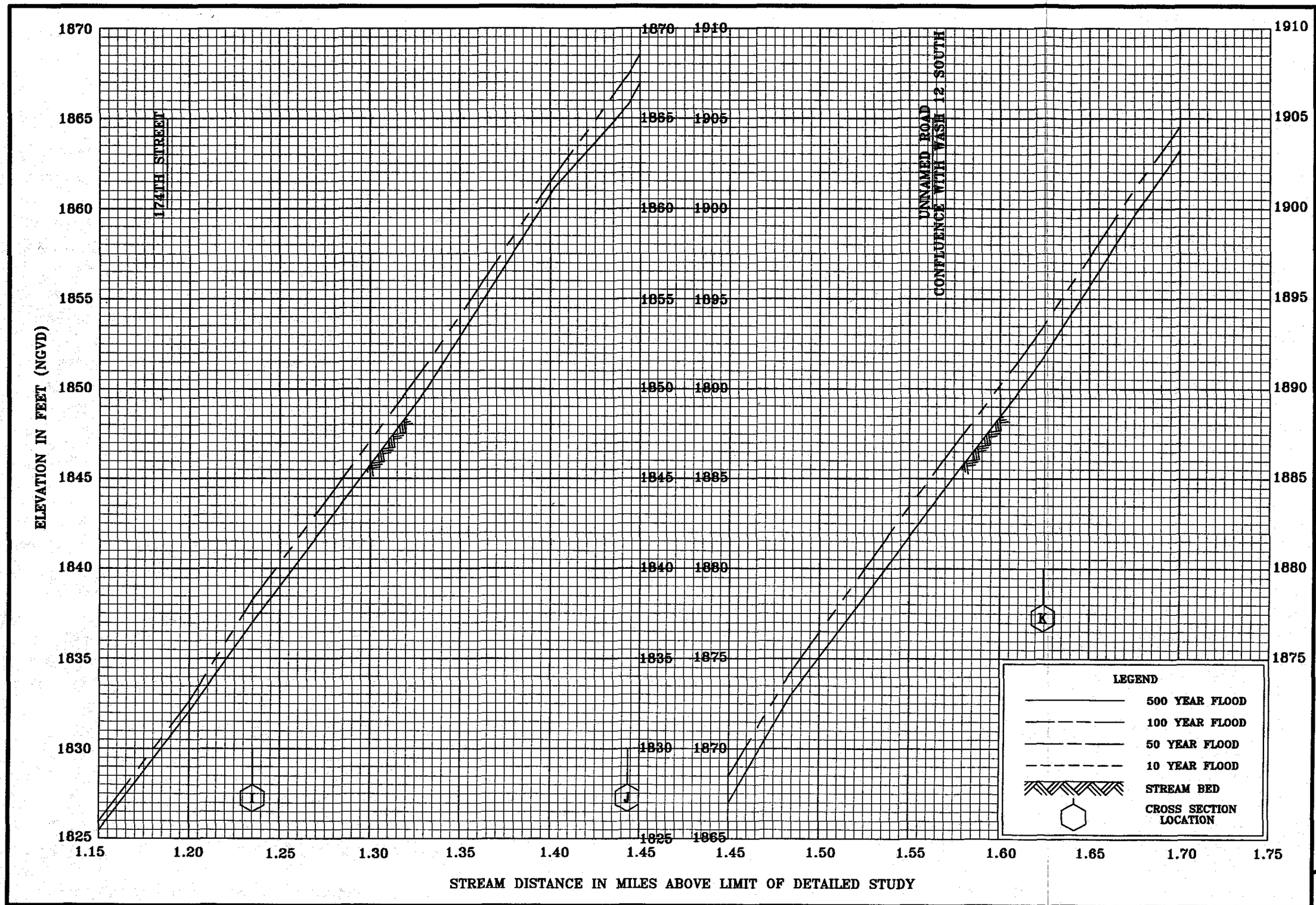
WASH 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1074P



FLOOD PROFILES

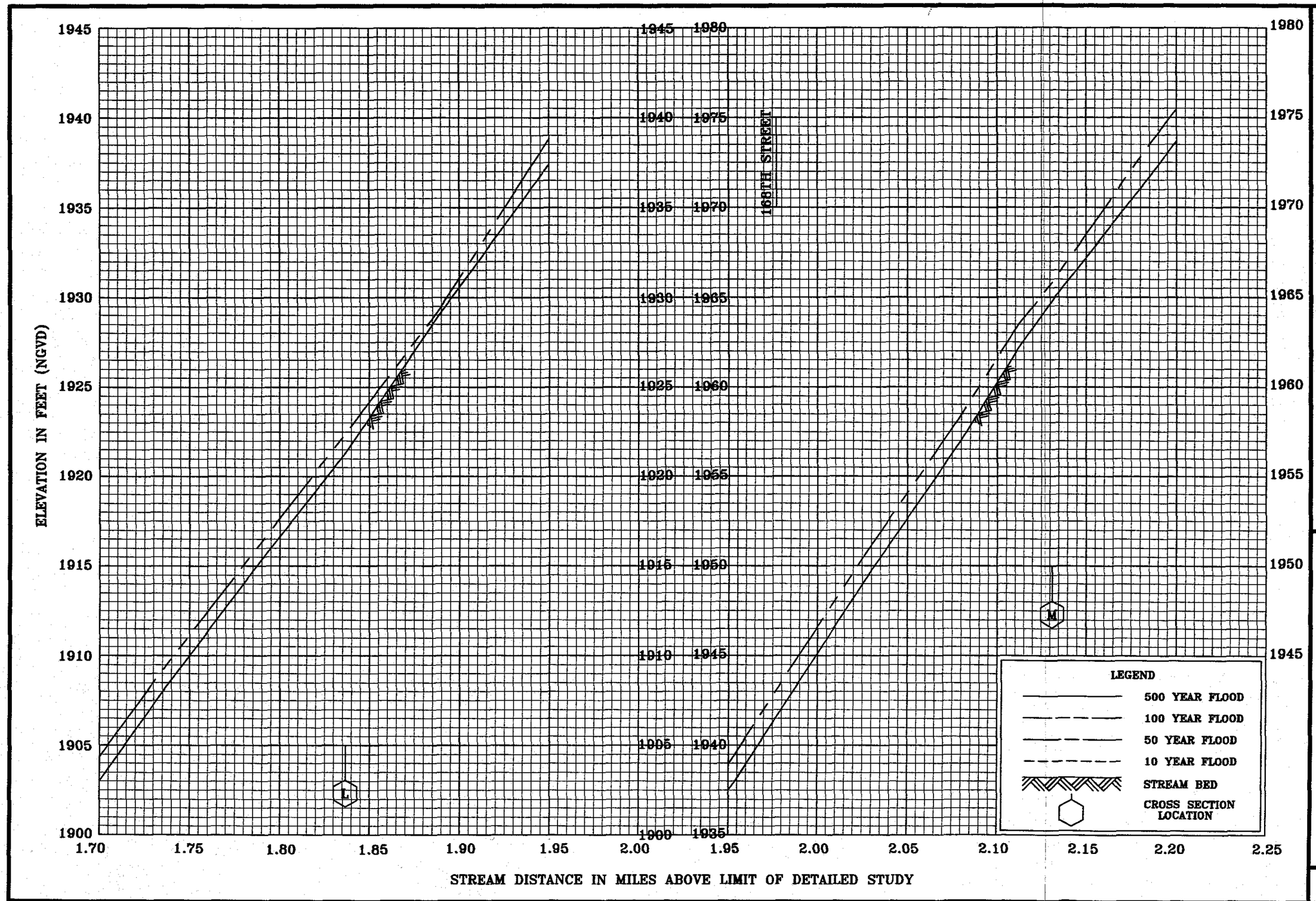
WASH 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1075P



FLOOD PROFILES

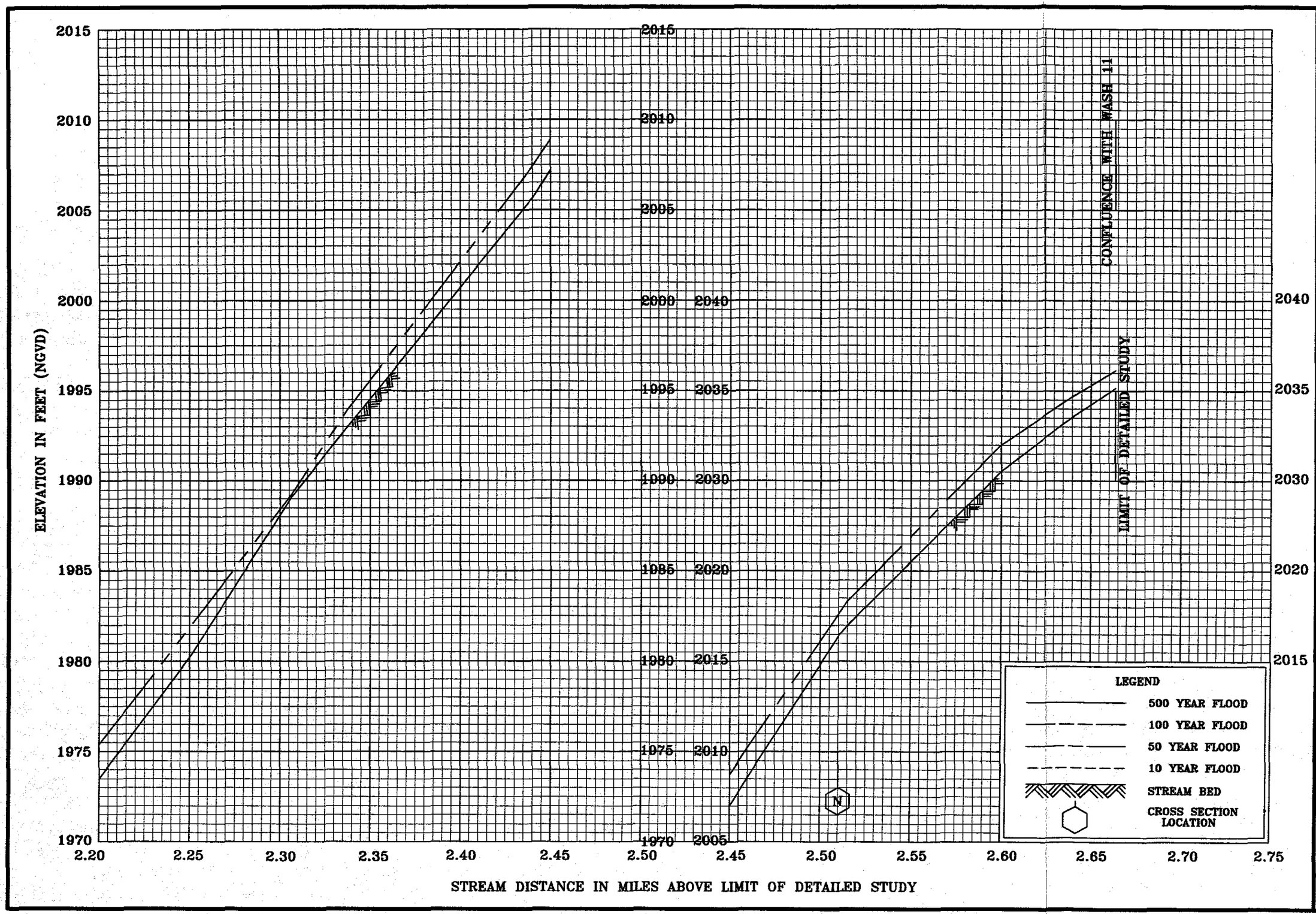
WASH 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1076P



FLOOD PROFILES

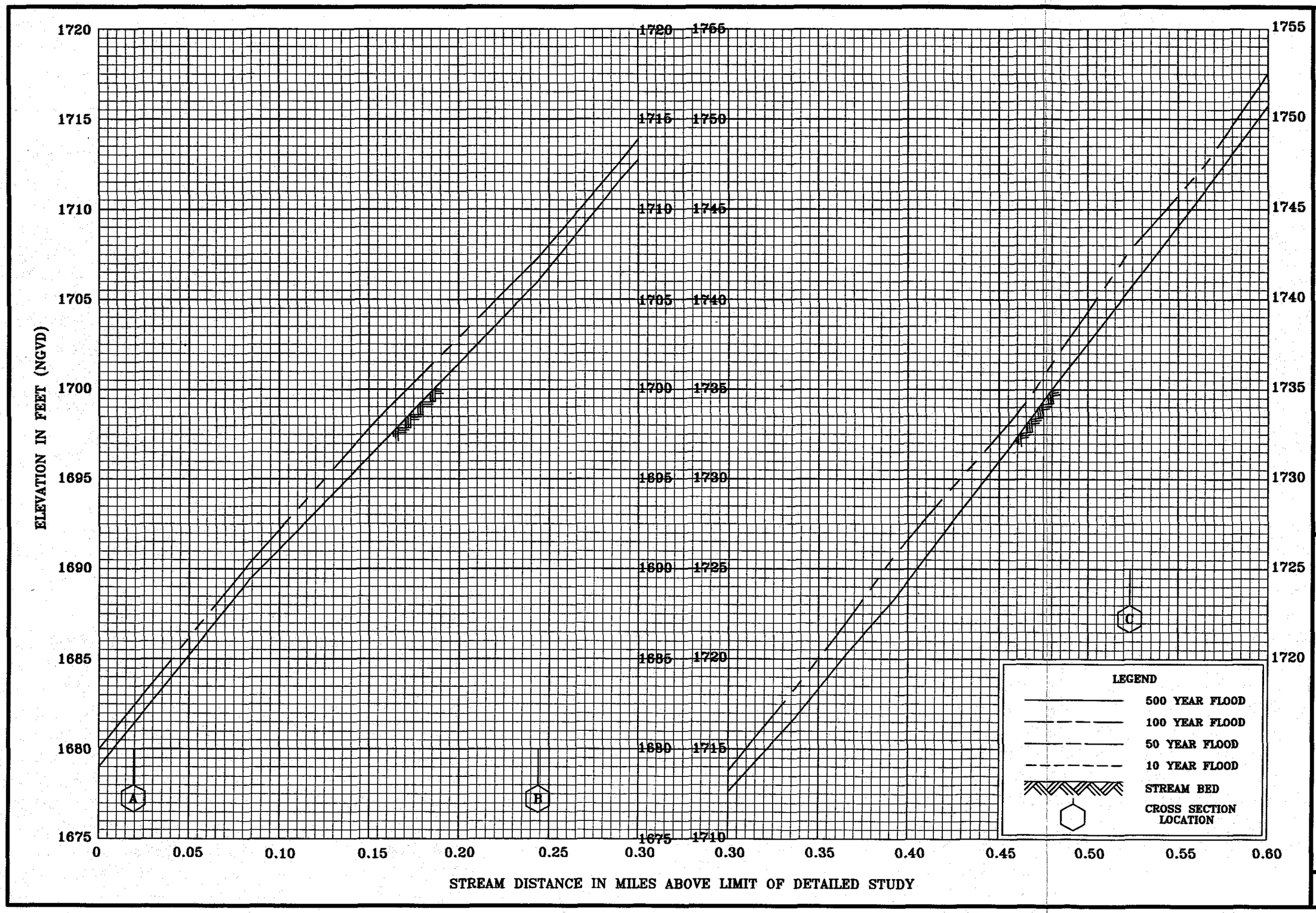
WASH 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1077P



FLOOD PROFILES

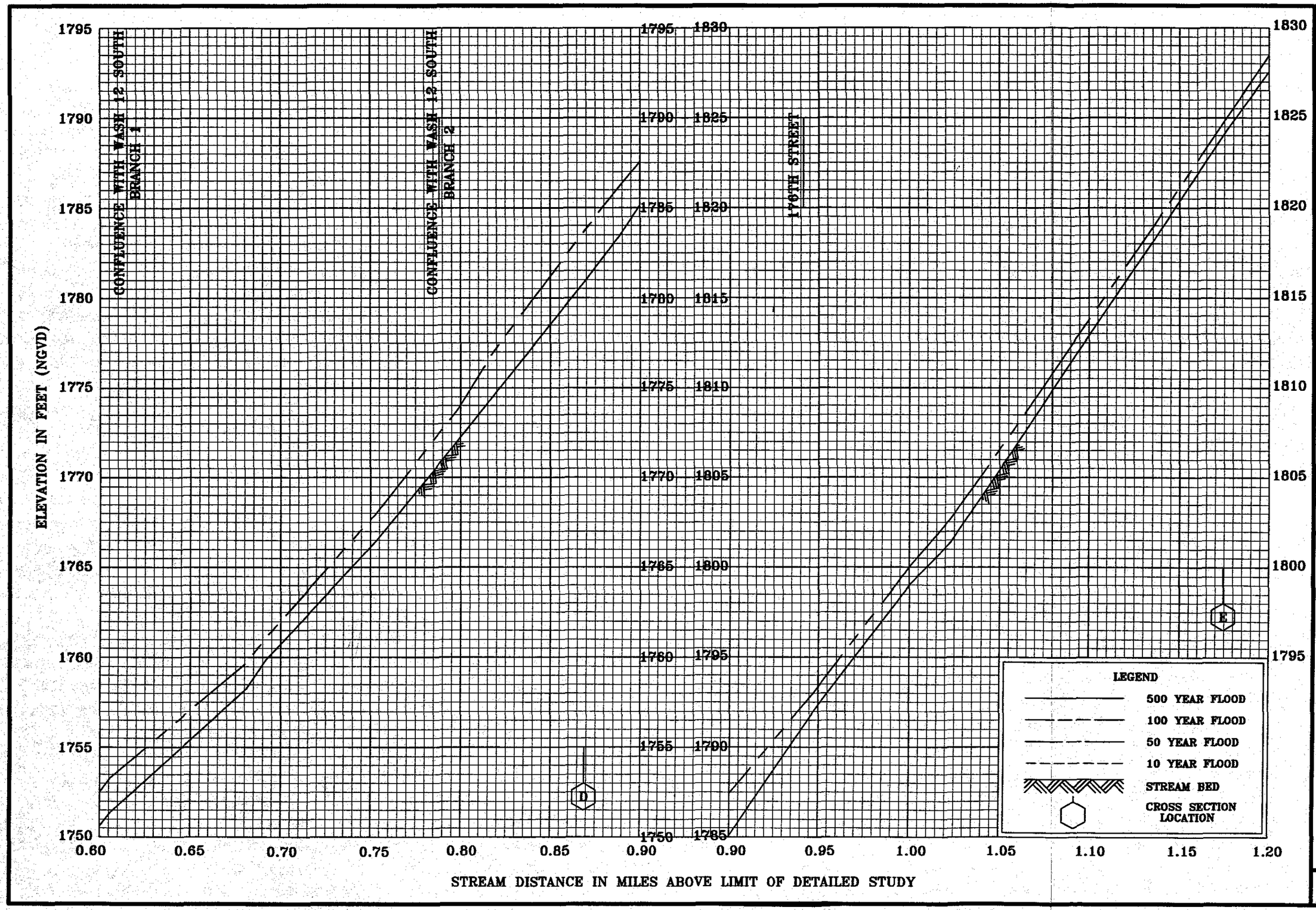
WASH 12 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1078P



FLOOD PROFILES

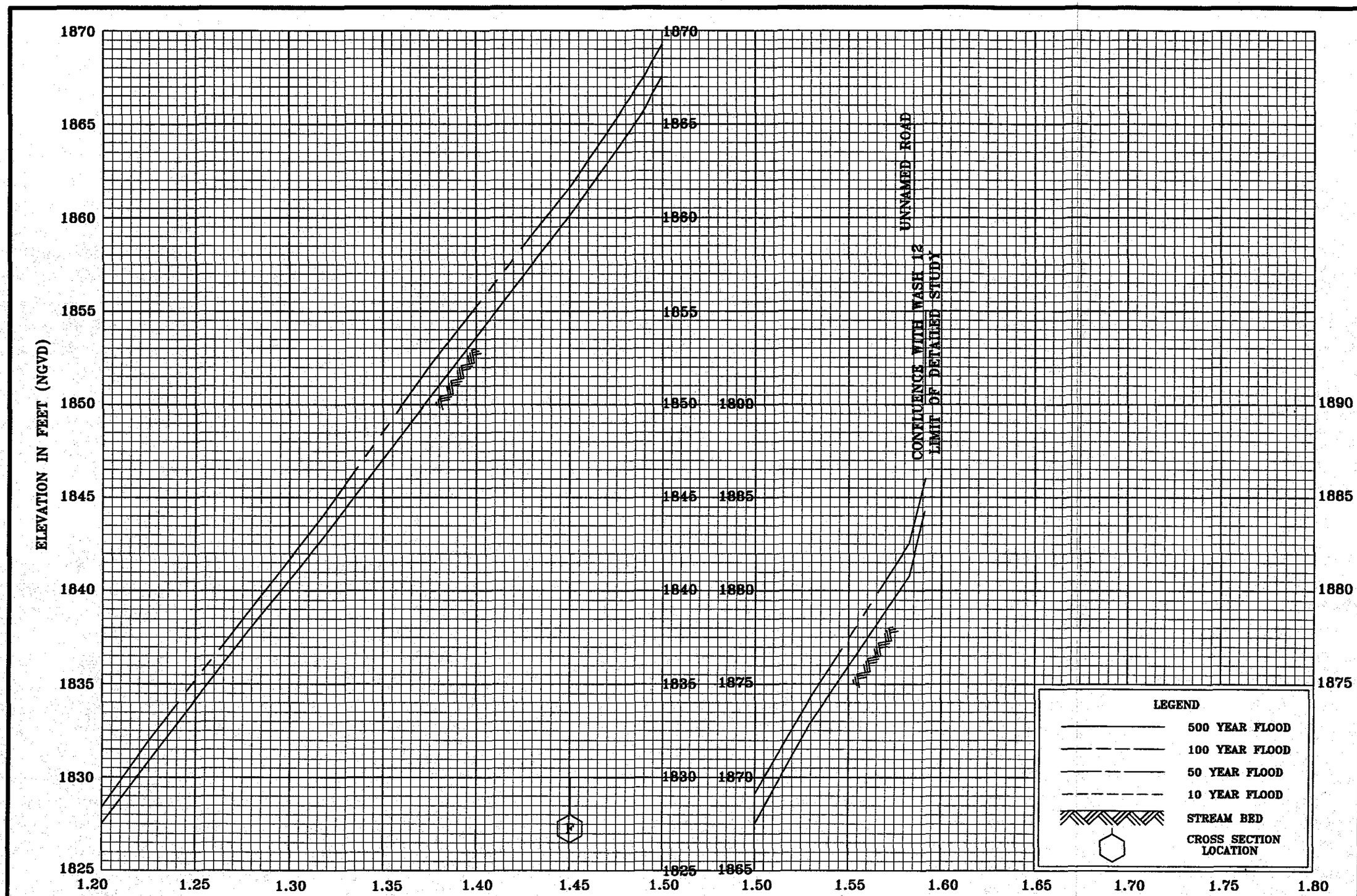
WASH 12 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1079P



FLOOD PROFILES

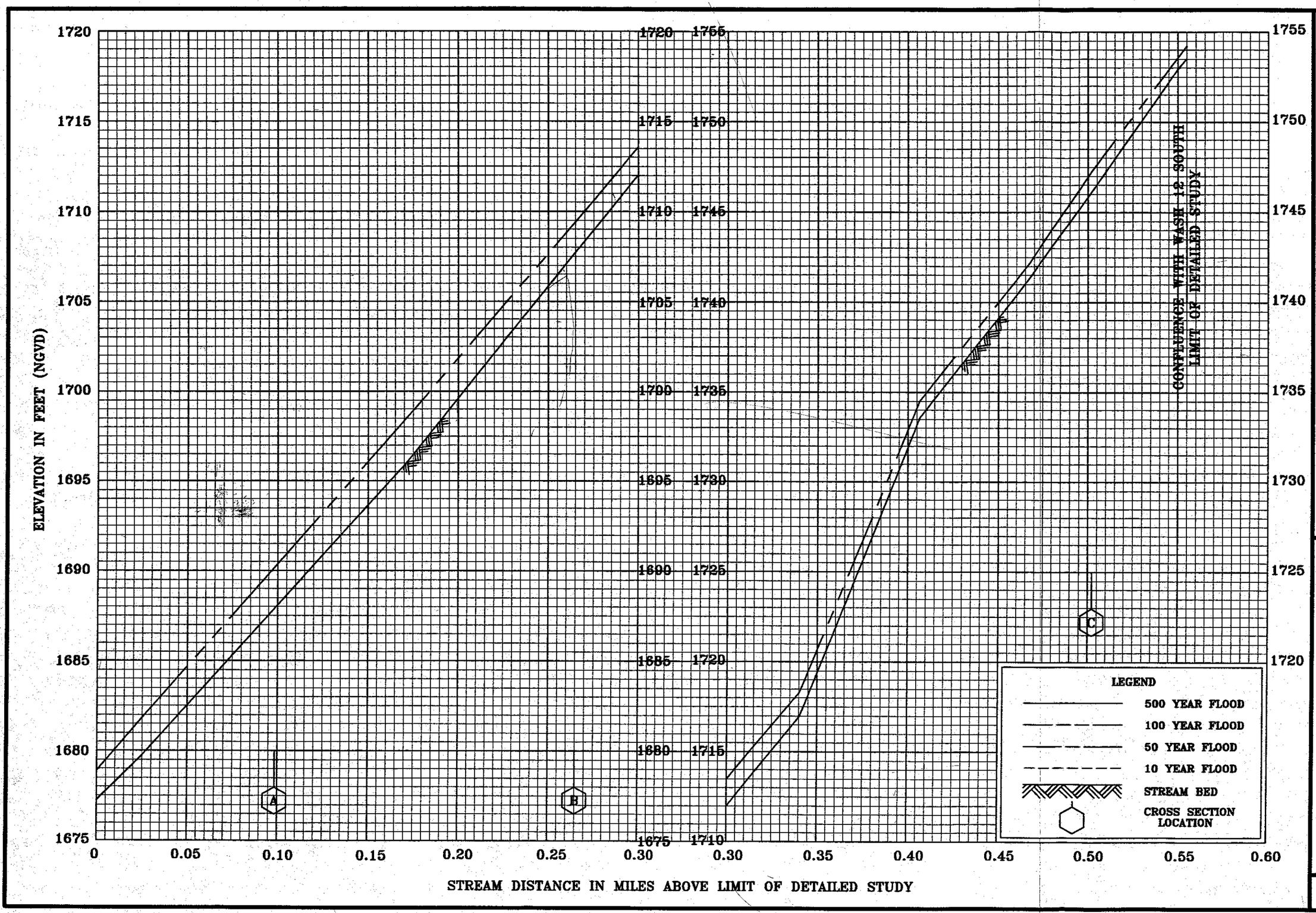
WASH 12 SOUTH

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1080P



FLOOD PROFILES

WASH 12 SOUTH BRANCH 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

MARICOPA COUNTY, AZ

AND INCORPORATED AREAS

1081P