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APPENDICES

APPENDIX I

COMPUTER PROGRAMS

FORTRAN

200

SOURCE LISTING AND DIAGNOSTICS

```

C     MAIN PROGRAM TO FIND FLOOD AT ANY RETURN PERIOD BY GUMBEL FORMULA
C     P = 1-E**(-E**(-Y))
C     Y = 1.28254/STD*(X-XBAR+0.45005*STD)
C
C     X = FLOW IN CMS.
C     XBAR = MEAN VALUE OF X
C     STD = STANDARD DEVIATION OF X
C     T = RETURN PERIOD IN YEARS
C     P = PROBABILITY
C     XT = FLOOD AT RETURN PERIOD T YEARS
C
001     DIMENSION X(30)
002     READ(2,10) NS
C     NS = NO. OF STATION
003     10 FORMAT(I5)
004     DO 200 II=1,NS
005     WRITE(3,20)
006     20 FORMAT(///30X,11HSTATION K //)
007     READ(2,30) A
C     A = CATCHMENT AREA IN SQ.KM.
010     READ(2,10) N
C     N = NO. OF YEAR OF RECORD
011     READ(2,30) (X(I),I=1,N)
012     30 FORMAT(8F10.2)
013     WRITE(3,40)
014     40 FORMAT(3X,5HXBAR1,5X,5HXBAR2,5X,4HSTD1,6X,4HSTD2,7X,2HXF,13X,1H
114X,2HZZ)
015     CALL N01 (X,N,A,XBAR1,XBAR2,STD1,STD2)
016     XF=XBAR1-0.45005*STD1
017     Z=1.28254/STD1
020     ZZ=STD1/1.28254
021     WRITE(3,50) XBAR1,XBAR2,STD1,STD2,XF,Z,ZZ
022     50 FORMAT(//5F10.3,5X,F10.6,5X,F10.4//)
023     WRITE(3,60)
024     60 FORMAT(3X,4HX(I),7X,2HXX,13X,2HPX,14X,1HT)
025     DO 70 I=1,N
026     Y=Z*(X(I)-XF)
027     POWER=EXP(-Y)
030     PX=EXP(-POWER)
031     T=1./(1.-PX)
032     XX=1000.*X(I)/A
033     70 WRITE(3,72) X(I),XX,PX,T
034     72 FORMAT(2F10.3,5X,F10.6,5X,F10.4/)
035     WRITE(3,80)
036     80 FORMAT(//4X,1HT,9X,2HXT,12X,3HXXT,12X,3HYXT,12X,4HYXXT/)
037     DO 90 I=2,20
040     T=I
041     YY=-ALOG(1.-1./T)
042     Y=-ALOG(YY)
043     YXT=XF+ZZ*Y
044     YXXT=1000.*YXT/A
045     XT=XF+ZZ*ALOG(T)

```

```
055      YXT=XF+ZZ*Y
056      YXXT=1000.*YXT/A
057      XT=XF+ZZ*ALOG(T)
060      XXT=1000.*XT/A
061      100 WRITE(3,75) T,XT,XXT,YXT,YXXT
062      DO 110 I=2,10
063      T=100*I
064      YY=-ALOG(1.-1./T)
065      Y=-ALOG(YY)
066      YXT=XF+ZZ*Y
067      YXXT=1000.*YXT/A
070      XT=XF+ZZ*ALOG(T)
071      XXT=1000.*XT/A
072      110 WRITE(3,75) T,XT,XXT,YXT,YXXT
073      200 CONTINUE
074      STOP
075      END
```



FORTRAN 200 SOURCE LISTING AND DIAGNOSTICS

```
001      SUBROUTINE N01 (X,N,A,XBAR1,XBAR2,STD1,STD2)
      C
      C      X = FLOW IN CMS.
      C      N = NO. OF DATA
      C      A = CATCHMENT AREA IN SQ.KM.
      C      XBAR1 = ARITHMETIC MEAN IN CMS. , XBAR2 IN L/S/SQ.KM.
      C      STD1 = STANDARD DEVIATION IN CMS. , STD2 IN L/S/SQ.KM.
      C
002      DIMENSION X(30)
003      B=N
004      SUM=0.0
005      DO 10 I=1,N
006      10 SUM=SUM+X(I)
007      XBAR1=SUM/B
010      XBAR2=1000.*XBAR1/A
011      SUM=0.0
012      DO 20 I=1,N
013      20 SUM=SUM+(X(I)-XBAR1)**2
014      STD1=SQRT(SUM/(B-1.))
015      STD2=1000.*STD1/A
016      RETURN
017      END
```



```

C      MAIN PROGRAM TO FIND:
C      RELATIONSHIP BETWEEN FLOW AND BASIN CHARACTERISTICS ( PART 1
C
C      Q = <*A**N1*X**N2*Y**N3*Z**N4
C      Q = FLOOD FLOW
C      A = BASIN AREA
C      X,Y,Z = BASIN CHARACTERISTICS
C
001     DIMENSION Q(10),A(10),X(10),Y(10),Z(10),C(4,4),E(2,4),F(4)
002     DIMENSION SUM(20),SS(4)
003     READ( 2,5) NT
004     WRITE( 3,5) NT
C      NT=NO. OF SET
005     DO 200 IOI=1,NT
006     READ( 2,5) M
007     WRITE( 3,5) M
C      M = NO. OF GAGING STATION
010     5 FORMAT(I5)
011     READ( 2,10) (Q(I),I=1,M)
012     WRITE( 3,10) (Q(I),I=1,M)
013     READ( 2,10) (A(I),I=1,M)
014     WRITE( 3,10) (A(I),I=1,M)
015     READ( 2,11) (X(I),I=1,M)
016     WRITE( 3,11) (X(I),I=1,M)
017     READ( 2,11) (Y(I),I=1,M)
020     WRITE( 3,11) (Y(I),I=1,M)
021     READ( 2,11) (Z(I),I=1,M)
022     WRITE( 3,11) (Z(I),I=1,M)
023     10 FORMAT(8F10.2)
024     11 FORMAT(8F10.5)
025     JJJ=1
026     15 DO17 I=1,20
027     17 SUM(I)=0.0
030     DO20 I=1,M
031     ALQ=ALOG(Q(I))
032     ALA=ALOG(A(I))
033     ALX=ALOG(X(I))
034     ALY=ALOG(Y(I))
035     ALZ=ALOG(Z(I))
036     SUM(1)=SUM(1)+ALQ
037     SUM(2)=SUM(2)+ALA
040     SUM(3)=SUM(3)+ALX
041     SUM(4)=SUM(4)+ALY
042     SUM(5)=SUM(5)+ALZ
043     SUM(6)=SUM(6)+ALQ*ALQ
044     SUM(7)=SUM(7)+ALA*ALA
045     SUM(8)=SUM(8)+ALX*ALX
046     SUM(9)=SUM(9)+ALY*ALY
047     SUM(10)=SUM(10)+ALZ*ALZ
050     SUM(11)=SUM(11)+ALQ*ALA
051     SUM(12)=SUM(12)+ALQ*ALX
052     SUM(13)=SUM(13)+ALQ*ALY
053     SUM(14)=SUM(14)+ALQ*ALZ
054     SUM(15)=SUM(15)+ALA*ALX
055     SUM(16)=SUM(16)+ALA*ALY
056     SUM(17)=SUM(17)+ALA*ALZ
057     SUM(18)=SUM(18)+ALX*ALY
060     SUM(19)=SUM(19)+ALX*ALZ
061     20 SUM(20)=SUM(20)+ALY*ALZ

```

```

062      AM=M
063      BLNQ=SUM(1)/AM
064      BLNA=SUM(2)/AM
065      BLNX=SUM(3)/AM
066      BLNY=SUM(4)/AM
067      BLNZ=SUM(5)/AM
070      DLQ=SUM(6)-AM*BLNQ*BLNQ
071      WRITE( 3,21)
072      21 FORMAT (//2X,6HBARLNQ,8X,6HBARLNA,8X,6HBARLNX,8X,6HBARLNY,8X,
16HBARLNZ,8X,3HDLQ//)
073      WRITE( 3,22) BLNQ,B_NA,BLNX,BLNY,BLNZ,DLQ
074      22 FORMAT (F10.5,4X,F10.5,4X,F10.5,4X,F10.5,4X,F10.5,4X,F10.5)
075      JJ=1
076      N=4
077      25 C(1,1)=SUM(7)-AM*BLNA*BLNA
100      C(1,2)=SUM(15)-AM*BLNA*BLNX
101      C(1,3)=SUM(16)-AM*BLNA*BLNY
102      C(1,4)=SUM(17)-AM*BLNA*BLNZ
103      C(2,1)=C(1,2)
104      C(2,2)=SUM(8)-AM*BLNX*BLNX
105      C(2,3)=SUM(18)-AM*BLNX*BLNY
106      C(2,4)=SUM(19)-AM*BLNX*BLNZ
107      C(3,1)=C(1,3)
110      C(3,2)=C(2,3)
111      C(3,3)=SUM(9)-AM*BLNY*BLNY
112      C(3,4)=SUM(20)-AM*BLNY*BLNZ
113      C(4,1)=C(1,4)
114      C(4,2)=C(2,4)
115      C(4,3)=C(3,4)
116      C(4,4)=SUM(10)-AM*BLNZ*BLNZ
117      E(1,1)=SUM(11)-AM*BLNQ*BLNA
120      E(1,2)=SUM(12)-AM*BLNQ*BLNX
121      E(1,3)=SUM(13)-AM*BLNQ*BLNY
122      E(1,4)=SUM(14)-AM*BLNQ*BLNZ
123      DO 26 I=1,N
124      26 E(2,I)=E(1,I)
125      WRITE( 3,30)
126      30 FORMAT (///50X,19HTHE INPUT MATRIX IS///)
127      DO35 I=1,N
130      35 WRITE( 3,40) (C(I,J),J=1,N)
131      40 FORMAT(36X,4F10.5/)
132      WRITE( 3,50)
133      50 FORMAT (///50X,19HTHE INPUT VECTOR IS///)
134      WRITE(3,40) (E(1,I),I=1,N)
135      NM=N-1
136      DO100 K=1,NM
137      KP=K+1
140      L=K
141      DO70 I=KP,N
142      IF (ABS(C(I,K))-ABS(C(L,K)))70,70,65
143      65 L=I
144      70 CONTINUE
145      IF(L-K)90,90,75
146      75 DO80 J=K,N
147      TEMP=C(K,J)
150      C(K,J)=C(L,J)
151      80 C(L,J)=TEMP
152      TEMP=E(2,K)
153      E(2,K)=E(2,L)
154      E(2,L)=TEMP
155      90 DO100 I=KP,N

```

```

156     FACT=C(I,K)/C(K,K)
157     C(I,K)=0.0
160     DO95 J=KP,N
161     95 C(I,J)=C(I,J)-FACT*C(K,J)
162     100 E(2,I)=E(2,I)-FACT*E(2,K)
163     F(N)=E(2,N)/C(N,N)
164     I=NM
165     105 IP=I+1
166     SM=0.0
167     DO110 J=IP,N
170     110 SM=SM+C(I,J)*F(J)
171     F(I)=(E(2,I)-SM)/C(I,I)
172     I=I-1
173     IF(I)120,120,105
174     120 SS(1)=F(1)*BLNA
175     SS(2)=F(2)*BLNX
176     SS(3)=F(3)*BLNY
177     SS(4)=F(4)*BLNZ
200     SSS=0.0
201     DO121 I=1,N
202     121 SSS=SSS+SS(I)
203     ALNK=BLNQ-SSS
204     AK=EXP(ALNK)
205     WRITE( 3,130)
206     130 FORMAT(///7X,1HK,14X,2HN1,13X,2HN2,13X,2HN3,13X,2HN4//)
207     WRITE( 3,135) AK,F(1),F(2),F(3),F(4)
210     135 FORMAT(1X,F10.4,5X,F10.4,4X,F10.4,4X,F10.4,4X,F10.4)
211     RR=0.0
212     DO122 I=1,N
213     122 RR=RR+F(I)*E(1,I)
214     RRR=RR/DLQ
215     CCR=ABS(RRR)
216     CR=SQRT(CCR)
217     WRITE( 3,136)
220     136 FORMAT(//6X,2HCR,12X,3HRRR,11X,3HDLQ)
221     WRITE( 3,137) CR,RRR,DLQ
222     137 FORMAT(1X,F10.4,5X,F10.4,4X,F10.4)
223     JJ=JJ+1
224     IF(JJ.GE.4)GO TO 140
225     N=N-1
226     GO TO 25
227     140 JJJ=JJJ+1
230     GOTO (160,160,180,200),JJJ
231     160 DO165 I=1,M
232     XTEM=X(I)
233     YTEM=Y(I)
234     ZTEM=Z(I)
235     X(I)=ZTEM
236     Y(I)=XTEM
237     165 Z(I)=YTEM
240     GO TO 15
241     180 DO185 I=1,M
242     TEMX=Y(I)
243     TEMY=Z(I)
244     TEMZ=X(I)
245     X(I)=TEMY
246     Y(I)=TEMZ
247     185 Z(I)=TEMX
250     GO TO 15
251     200 CONTINUE
252     STOP
253     END

```

```
C      MAIN PROGRAM TO FIND  
C      RELATIONSHIP BETWEEN FLOW AND BASIN CHARACTERISTICS ( PART 2  
C  
C      Q = K*A**N1  
C      Q = FLOOD FLOW  
C      A = BASIN AREA  
C  
001      READ(2,10)* NT  
C      NT = NO. OF SET  
002      10 FORMAT(I5)  
003      BLNA = 8.31102  
004      C1 = 11.15230  
005      DO 1 I=1,NT  
006      WRITE(3,20)  
007      20 FORMAT(///5X,24HRETURN PERIOD          YEARS//)  
010      READ(2,30) BLNQ,DLQ,E1  
011      30 FORMAT(3F10.5)  
012      AN=E1/C1  
013      ALNK=BLNQ-AN*BLNA  
014      AK=EXP(ALNK)  
015      RRR=AN*E1/DLQ  
016      CCR=ABS(RRR)  
017      CR=SQRT(CCR)  
020      WRITE(3,40)  
021      40 FORMAT(9X,2HN1,13X,1HK,14X,2HCR//)  
022      1 WRITE(3,50) AN,AK,CR  
023      50 FORMAT(5X,3(F10.5,5X))  
024      STOP  
025      END
```

APPENDIX II

- 1.) FLOOD FLOW AT ANY RETURN PERIOD
- 2.) GRAPHS SHOWING THE RELATIONSHIP BETWEEN
ANNUAL FLOOD AND BASIN AREA

Flood Flow at Any Return Period

by Gumbel's Formula

| Return Period (years) | Flood Discharge (cu.m./sec.) | |
|--------------------------|------------------------------|------------|
| | Station K6 | Station K9 |
| 2 | 806.05 | 1707.00 |
| 2.33 | 901.25 | 1813.12 |
| 3 | 1048.33 | 1977.08 |
| 4 | 1204.40 | 2149.94 |
| 5 | 1318.13 | 2277.90 |
| 6 | 1409.48 | 2379.67 |
| 7 | 1485.32 | 2464.21 |
| 8 | 1550.20 | 2536.54 |
| 9 | 1606.90 | 2599.74 |
| 10 | 1657.26 | 2655.88 |
| 20 | 1982.52 | 3018.46 |
| 30 | 2169.63 | 3227.04 |
| 40 | 2301.54 | 3374.09 |
| 50 | 2403.52 | 3487.77 |
| 60 | 2486.69 | 3580.48 |
| 70 | 2556.89 | 3658.73 |
| 80 | 2617.61 | 3726.42 |
| 90 | 2671.15 | 3786.11 |
| 100 | 2719.01 | 3839.45 |
| 200 | 3033.34 | 4189.85 |
| 300 | 3216.97 | 4394.56 |
| 400 | 3347.10 | 4539.62 |
| 500 | 3448.04 | 4652.14 |
| 600 | 3530.68 | 4744.26 |
| 700 | 3600.39 | 4821.97 |
| 800 | 3660.58 | 4889.07 |
| 900 | 3713.88 | 4948.48 |
| 1000 | 3761.47 | 5001.53 |

Flood Flow at Any Return Period

by Gumbel's Formula

| Return Period (years) | Flood Discharge (cu.m./sec.) | |
|--------------------------|------------------------------|-------------|
| | Station K10 | Station K12 |
| 2 | 1792.00 | 22.03 |
| 2.33 | 1896.75 | 24.00 |
| 3 | 2058.58 | 27.05 |
| 4 | 2229.19 | 30.26 |
| 5 | 2355.48 | 32.63 |
| 6 | 2455.93 | 34.52 |
| 7 | 2539.37 | 36.09 |
| 8 | 2610.75 | 37.44 |
| 9 | 2673.14 | 38.61 |
| 10 | 2728.55 | 39.66 |
| 20 | 3086.41 | 46.39 |
| 30 | 3292.28 | 50.26 |
| 40 | 3437.42 | 52.99 |
| 50 | 3549.62 | 55.11 |
| 60 | 3641.12 | 56.83 |
| 70 | 3718.36 | 58.28 |
| 80 | 3785.16 | 59.54 |
| 90 | 3844.07 | 60.65 |
| 100 | 3896.73 | 61.64 |
| 200 | 4242.57 | 68.15 |
| 300 | 4444.61 | 71.95 |
| 400 | 4587.79 | 74.65 |
| 500 | 4698.84 | 76.74 |
| 600 | 4789.77 | 78.45 |
| 700 | 4866.46 | 79.89 |
| 800 | 4932.69 | 81.14 |
| 900 | 4991.53 | 82.24 |
| 1000 | 5043.69 | 83.23 |

Flood Flow at Any Return Period

by Gumbel's Formula

| Return Period (years) | Flood Discharge (cu.m./sec.) | |
|--------------------------|------------------------------|-------------|
| | Station K13 | Station K17 |
| 2 | 1818.16 | 175.50 |
| 2.33 | 1933.62 | 194.00 |
| 3 | 2112.02 | 222.58 |
| 4 | 2300.09 | 252.71 |
| 5 | 2439.32 | 275.02 |
| 6 | 2550.04 | 292.76 |
| 7 | 2642.02 | 307.49 |
| 8 | 2720.72 | 320.10 |
| 9 | 2789.49 | 331.12 |
| 10 | 2850.57 | 340.90 |
| 20 | 3245.06 | 404.11 |
| 30 | 3472.01 | 440.46 |
| 40 | 3632.00 | 466.10 |
| 50 | 3755.69 | 485.91 |
| 60 | 3856.56 | 502.07 |
| 70 | 3941.70 | 515.72 |
| 80 | 4015.35 | 527.52 |
| 90 | 4080.29 | 537.92 |
| 100 | 4138.33 | 547.22 |
| 200 | 4519.58 | 608.30 |
| 300 | 4742.30 | 643.98 |
| 400 | 4900.13 | 669.27 |
| 500 | 5022.56 | 688.88 |
| 600 | 5122.79 | 704.94 |
| 700 | 5207.34 | 718.48 |
| 800 | 5280.34 | 730.18 |
| 900 | 5344.99 | 740.54 |
| 1000 | 5402.70 | 749.78 |

Flood Flow at Any Return Period

by Gumbel's Formula

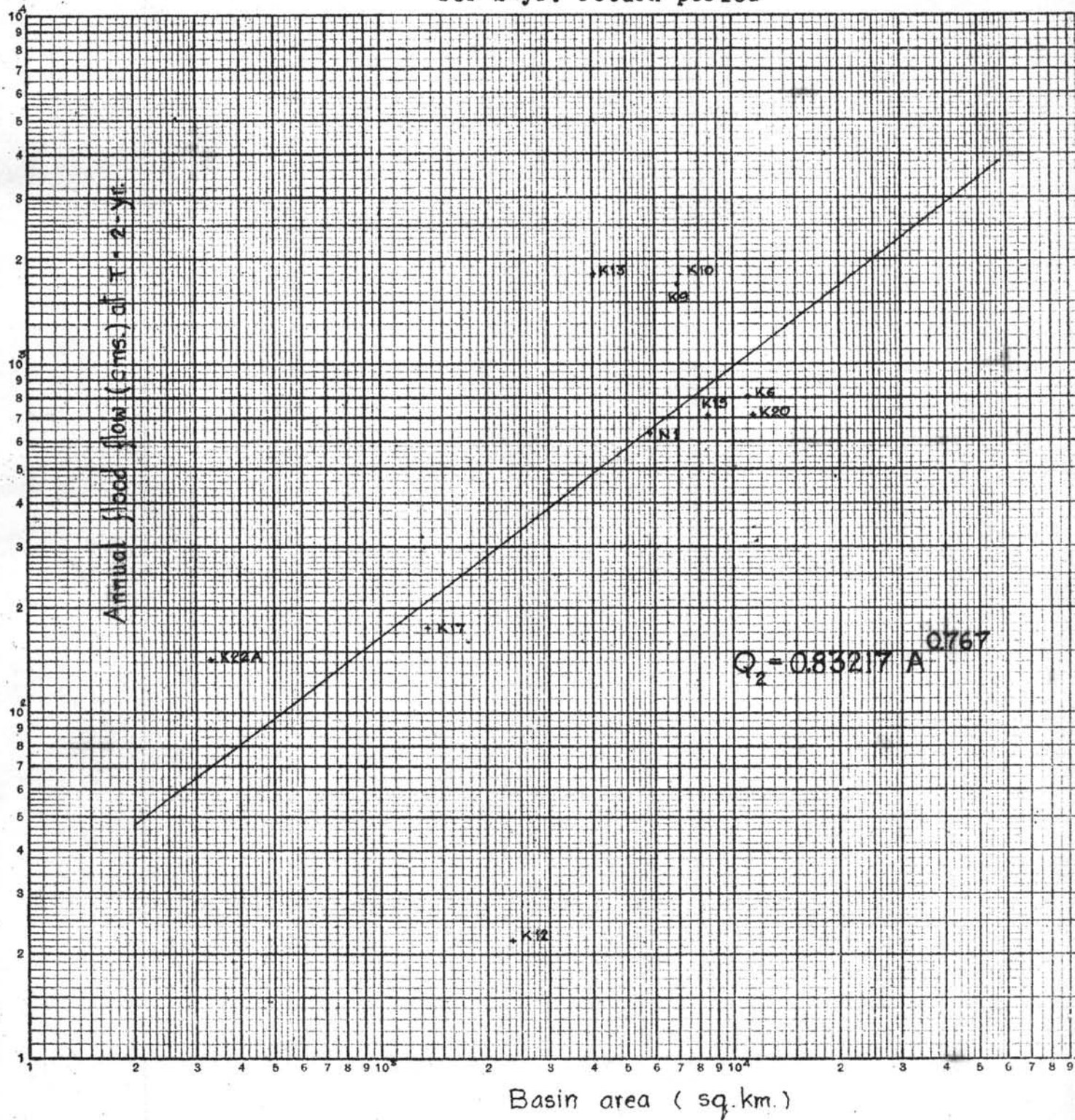
| Return Period (years) | Flood Discharge (cu.m./sec.) | |
|--------------------------|------------------------------|-------------|
| | Station K19 | Station K20 |
| 2 | 707.17 | 708.35 |
| 2.33 | 767.43 | 759.38 |
| 3 | 860.53 | 838.21 |
| 4 | 958.68 | 921.32 |
| 5 | 1031.34 | 982.84 |
| 6 | 1089.12 | 1031.78 |
| 7 | 1137.12 | 1072.42 |
| 8 | 1178.19 | 1107.20 |
| 9 | 1214.08 | 1137.59 |
| 10 | 1245.96 | 1164.58 |
| 20 | 1451.84 | 1338.91 |
| 30 | 1570.27 | 1439.20 |
| 40 | 1653.77 | 1509.90 |
| 50 | 1718.32 | 1564.56 |
| 60 | 1770.96 | 1609.14 |
| 70 | 1815.40 | 1646.76 |
| 80 | 1853.83 | 1679.31 |
| 90 | 1887.72 | 1708.01 |
| 100 | 1918.01 | 1733.66 |
| 200 | 2116.97 | 1902.13 |
| 300 | 2233.21 | 2000.56 |
| 400 | 2315.58 | 2070.30 |
| 500 | 2379.47 | 2124.41 |
| 600 | 2431.78 | 2168.70 |
| 700 | 2475.90 | 2206.06 |
| 800 | 2514.00 | 2238.32 |
| 900 | 2547.73 | 2266.89 |
| 1000 | 2577.86 | 2292.40 |

Flood Flow at Any Return Period

by Gumbel's Formula

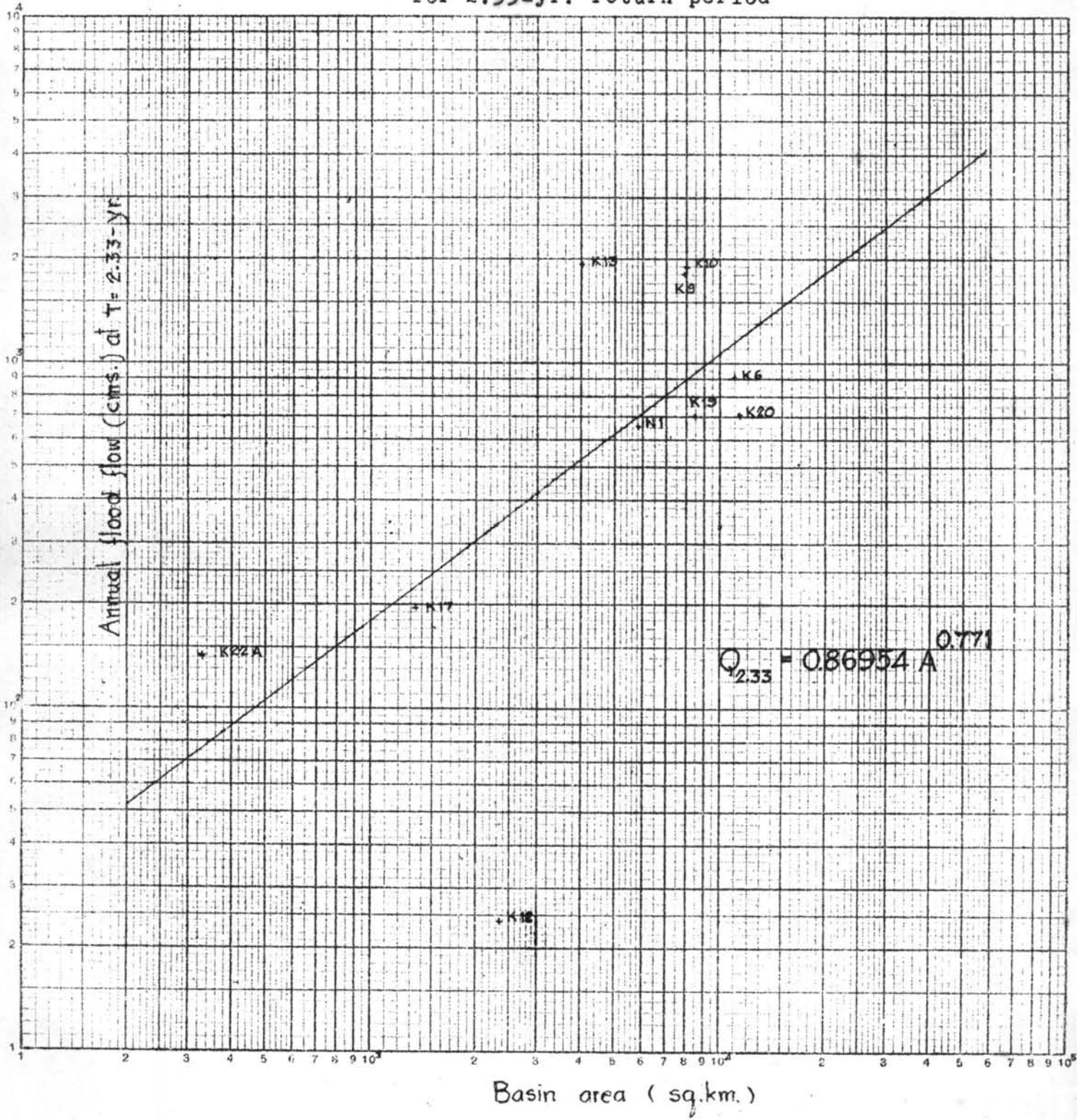
| Return Period (years) | Flood Discharge (cu.m./sec.) | |
|--------------------------|------------------------------|------------|
| | Station K22A | Station N1 |
| 2 | 141.68 | 631.45 |
| 2.33 | 148.80 | 659.00 |
| 3 | 159.80 | 701.56 |
| 4 | 171.40 | 746.44 |
| 5 | 179.99 | 779.65 |
| 6 | 186.82 | 806.07 |
| 7 | 192.50 | 828.02 |
| 8 | 197.35 | 846.80 |
| 9 | 201.59 | 863.20 |
| 10 | 205.36 | 877.78 |
| 20 | 229.69 | 971.90 |
| 30 | 243.69 | 1026.05 |
| 40 | 253.56 | 1064.22 |
| 50 | 261.19 | 1093.73 |
| 60 | 267.41 | 1117.80 |
| 70 | 272.66 | 1138.11 |
| 80 | 277.21 | 1155.68 |
| 90 | 281.21 | 1171.18 |
| 100 | 284.79 | 1185.03 |
| 200 | 308.31 | 1275.99 |
| 300 | 322.05 | 1329.13 |
| 400 | 331.78 | 1366.79 |
| 500 | 339.34 | 1396.00 |
| 600 | 345.52 | 1419.91 |
| 700 | 350.73 | 1440.08 |
| 800 | 355.24 | 1457.50 |
| 900 | 359.22 | 1472.93 |
| 1000 | 362.78 | 1486.70 |

Relationship between flood flow and basin area
for 2-yr. return period

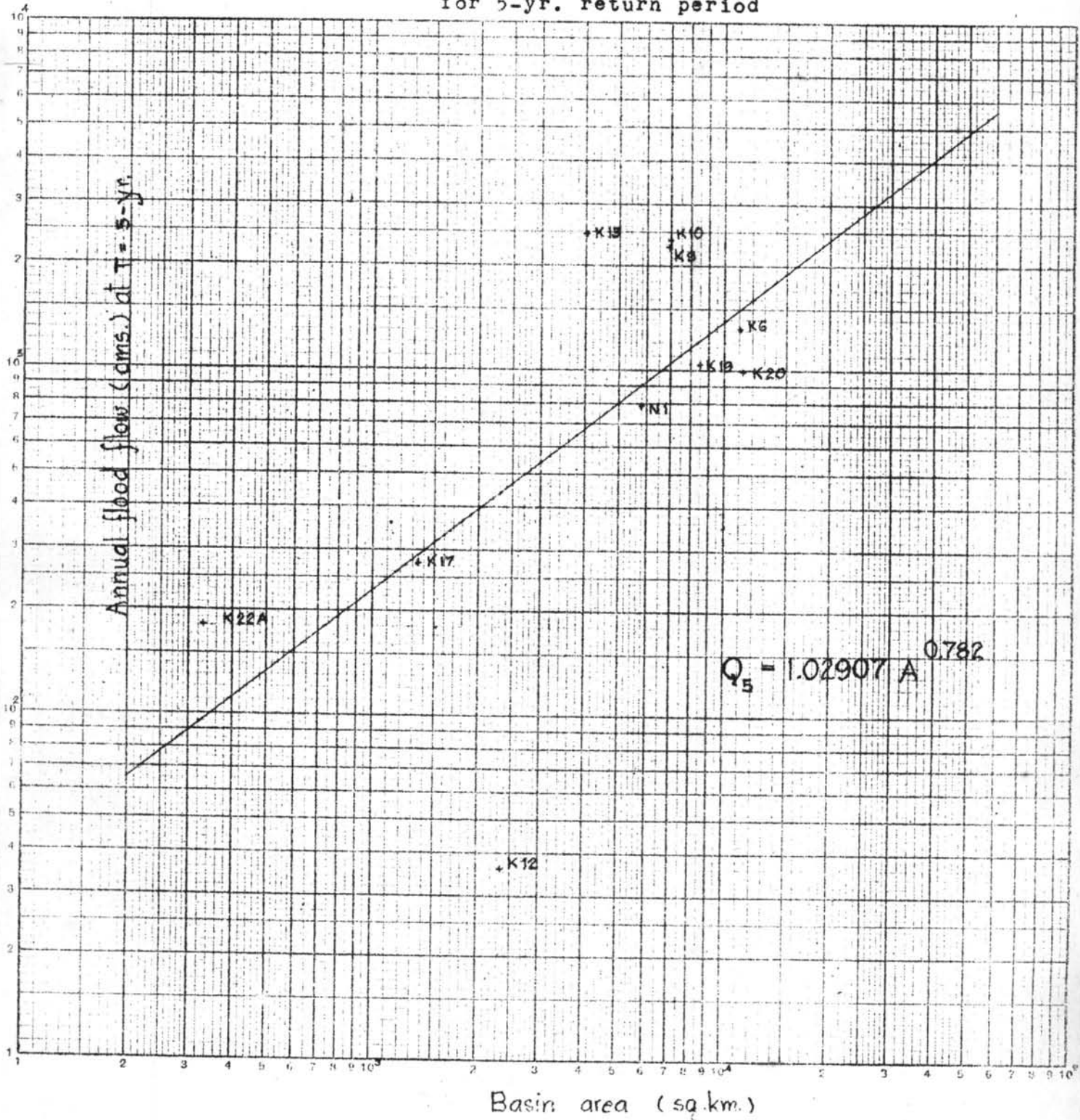


KE LOGARITHMIC
 3 X 3 CYCLES
 MADE IN U.S.A.
 KEUFFEL & ESSER CO.

Relationship between flood flow and basin area
for 2.33-yr. return period

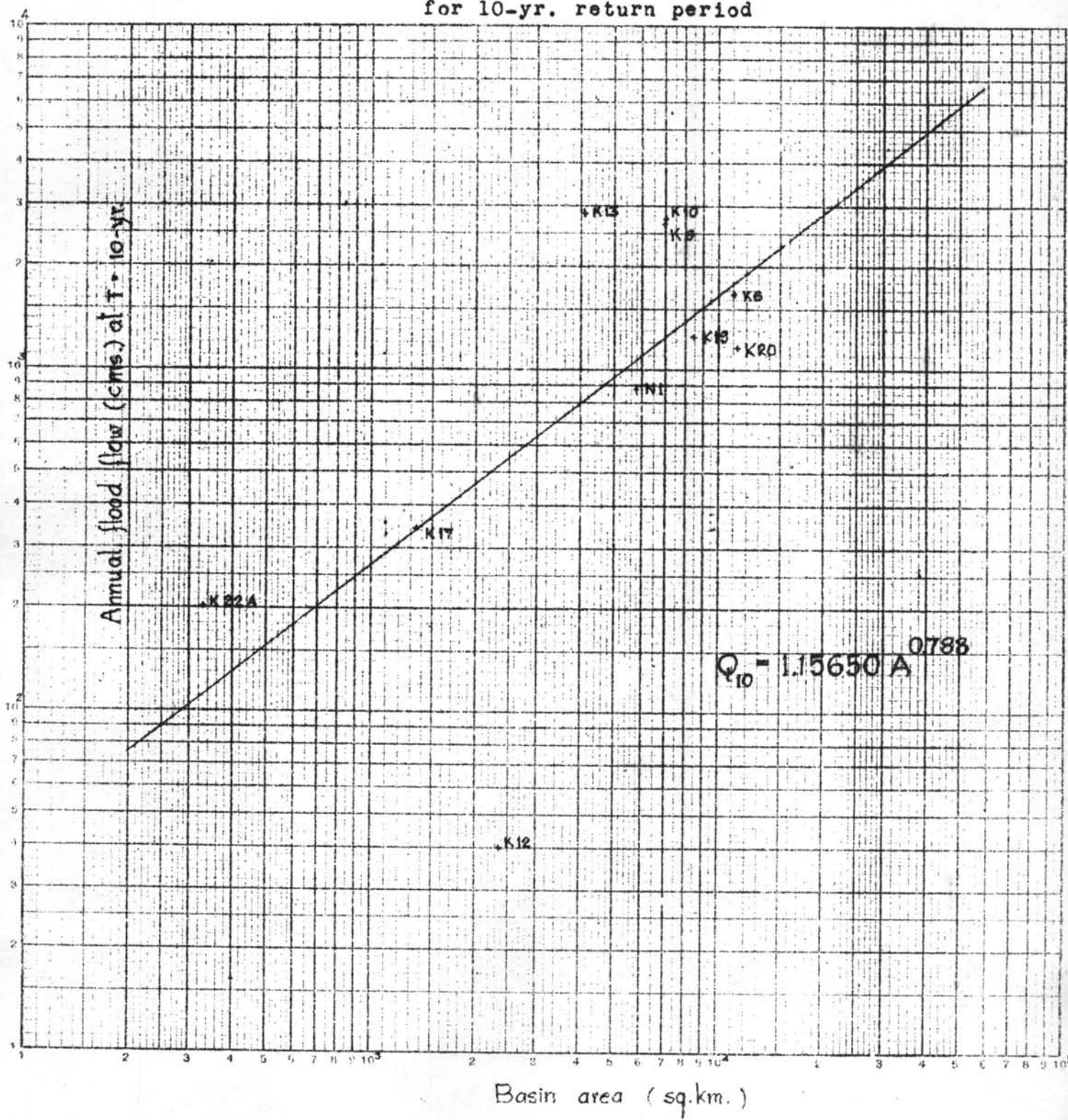


Relationship between flood flow and basin area
for 5-yr. return period



LOGARITHMIC
3 X 3 CYCLES
46 7400
© 1967 IN U.S.A.

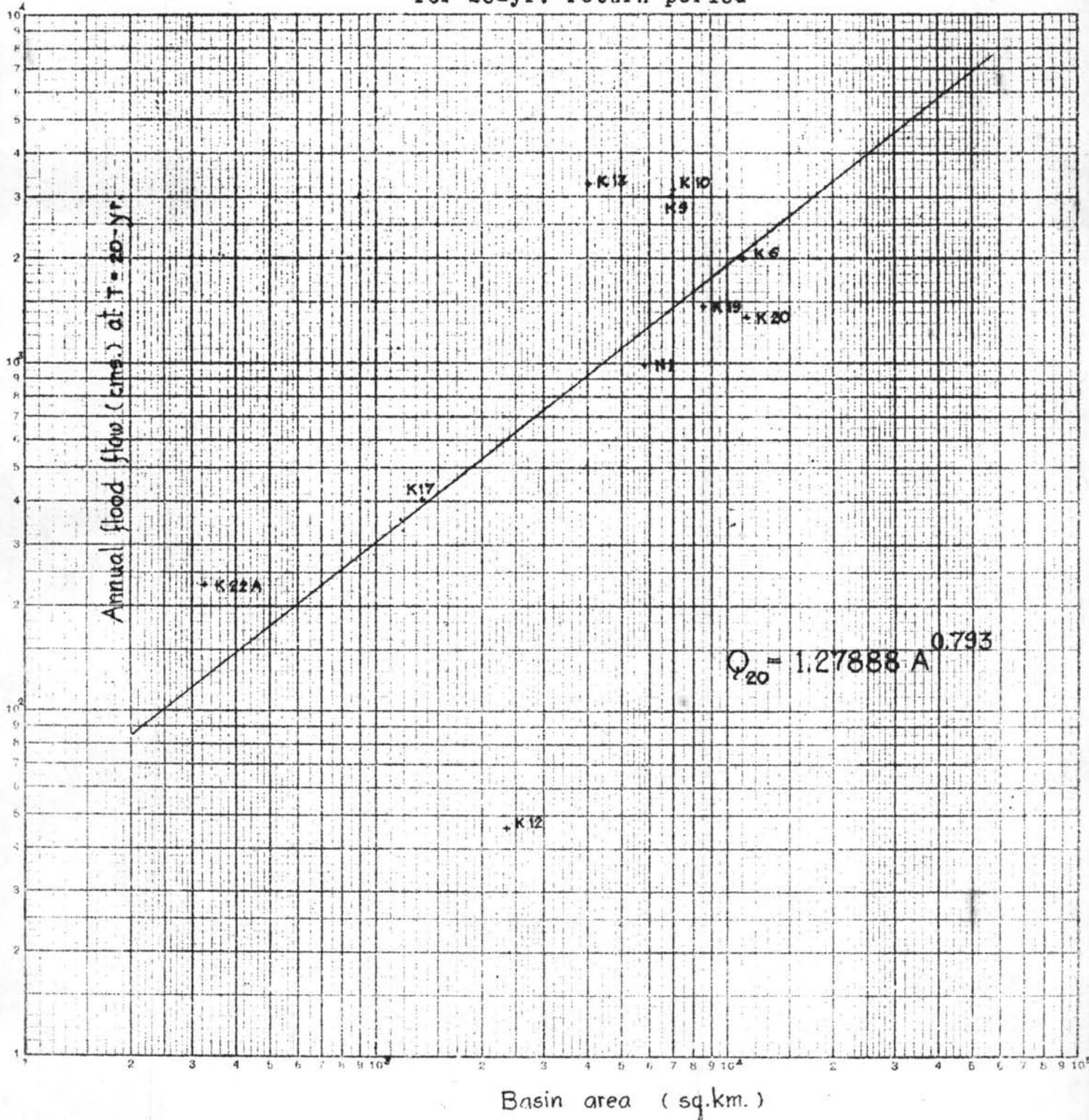
Relationship between flood flow and basin area
for 10-yr. return period



LOGARITHMIC
46 7400
BY
1947

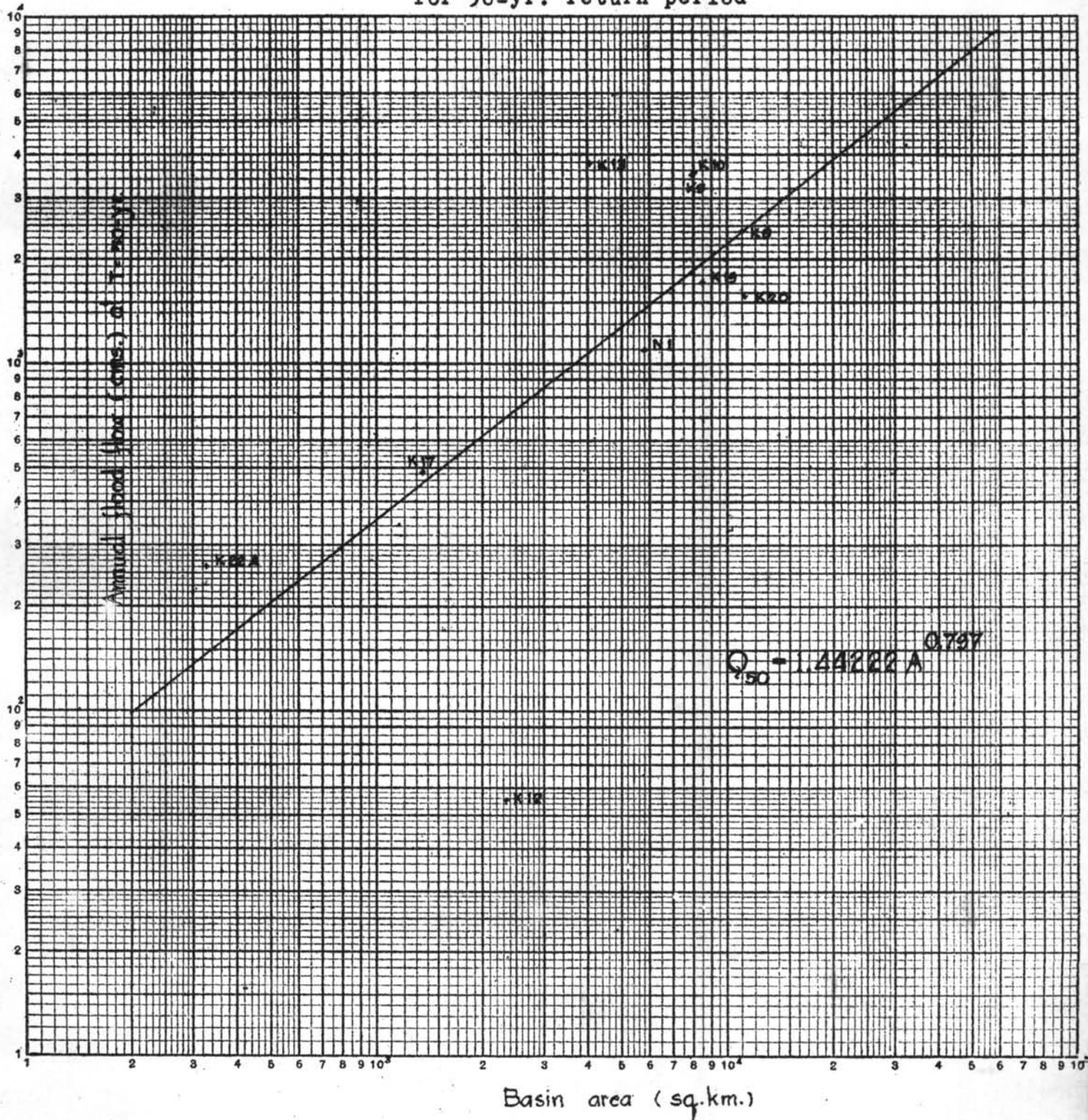
Relationship between flood flow and basin area

for 20-yr. return period



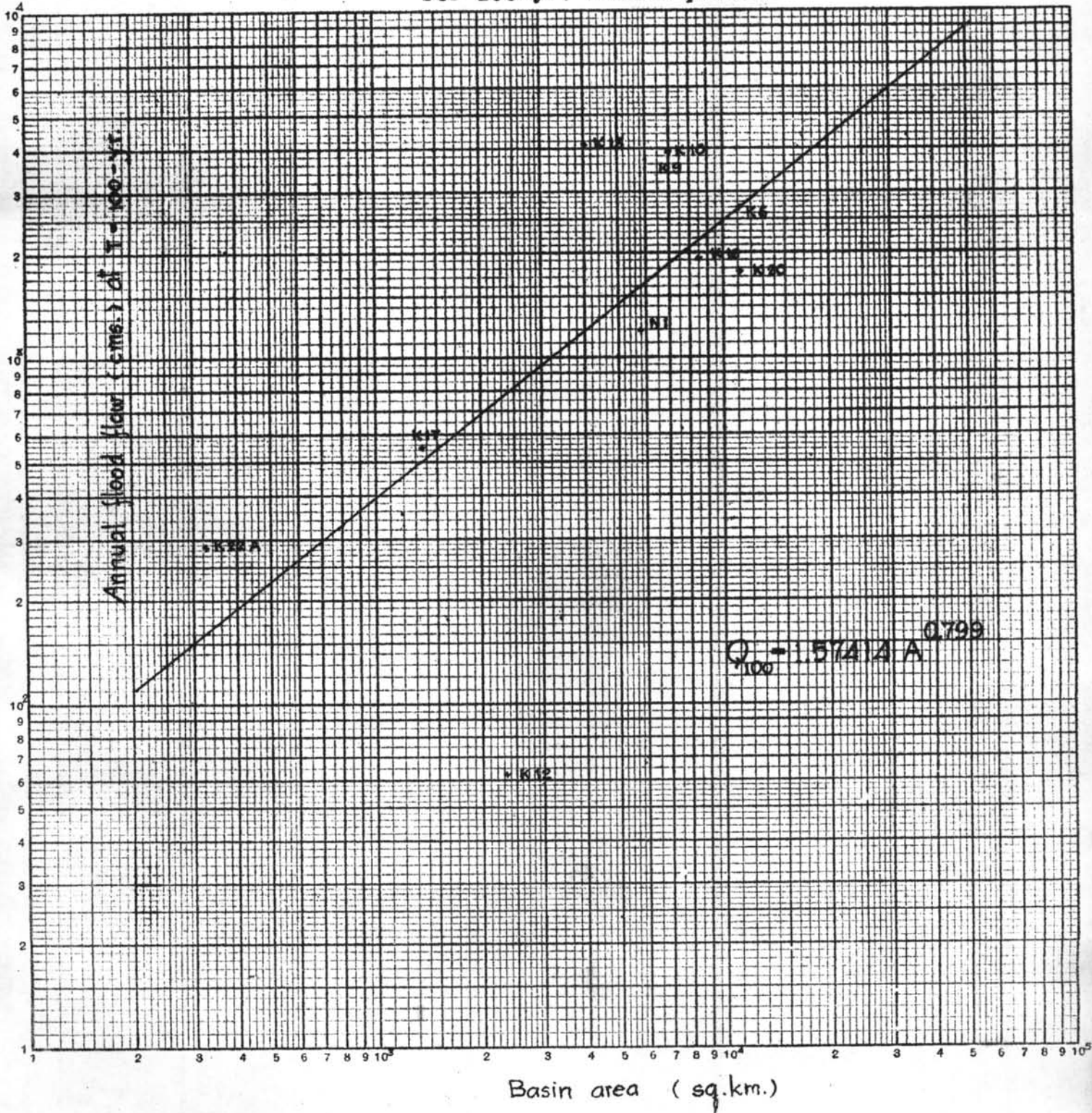
KEUFFEL & ESSER CO.
 MADE IN U.S.A.
 3 X 3 CYCLES

Relationship between flood flow and basin area
for 50-yr. return period



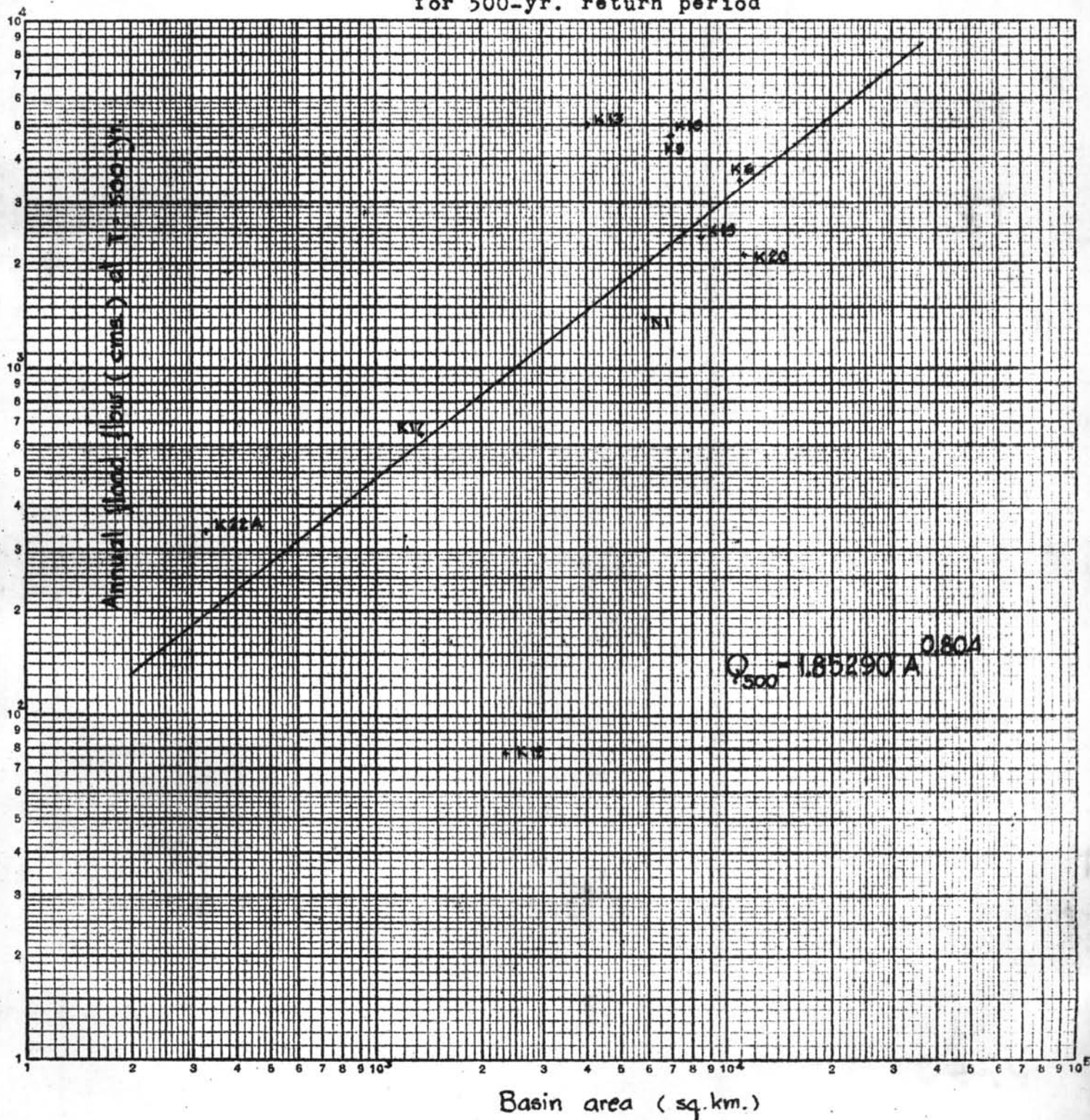
KEUFFEL & ESSER CO.
 3 X 3 CYCLES
 LOGARITHMIC
 40 7400
 MADE IN U.S.A.

Relationship between flood flow and basin area
for 100-yr. return period



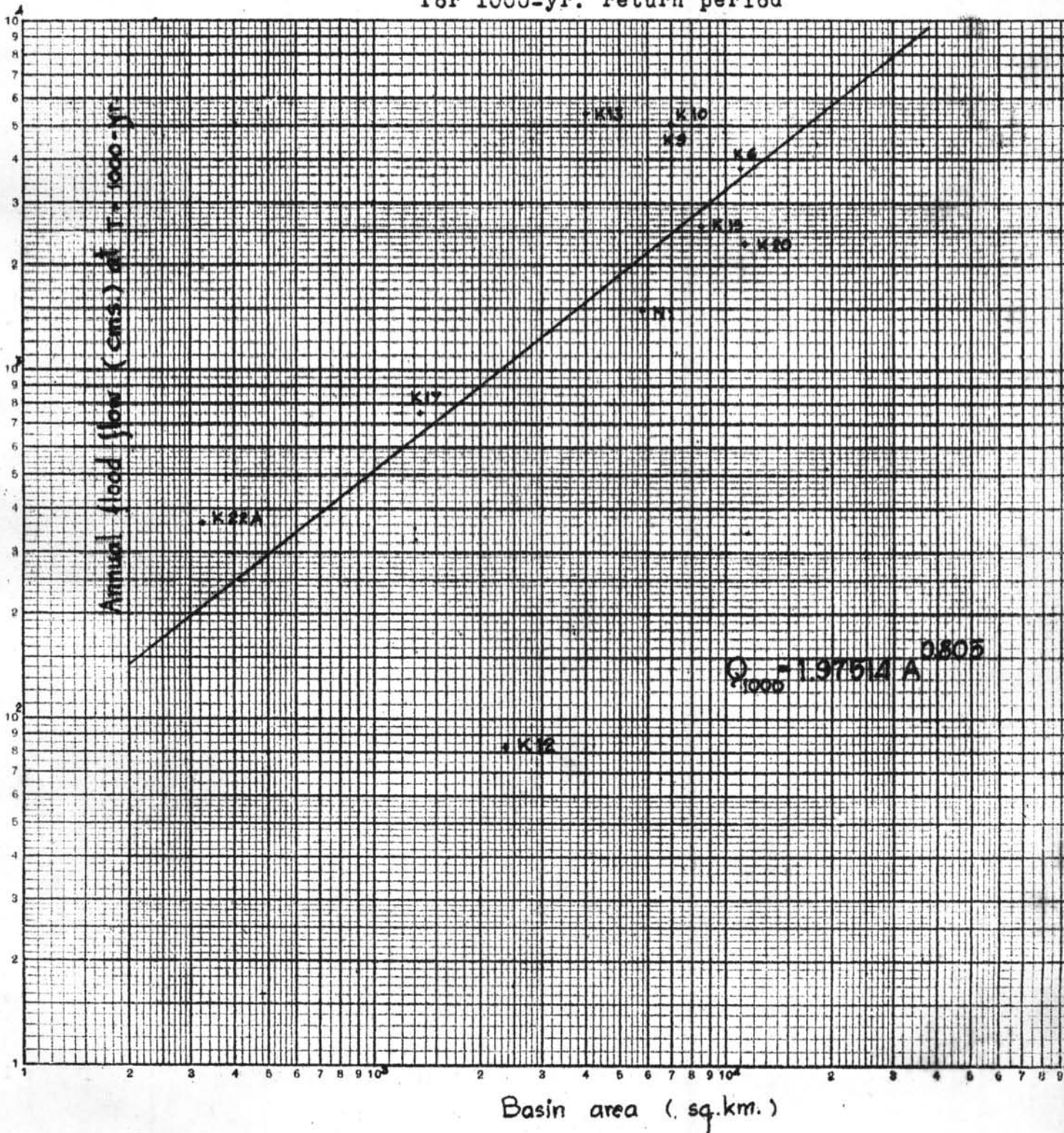
MADE IN U.S.A.
KEUFFEL & ESSEN CO.

Relationship between flood flow and basin area
for 500-yr. return period



MADE IN U.S.A.
KEUFFEL & ESSER CO.
1/2 3 X 3 CYCLES

Relationship between flood flow and basin area
for 1000-yr. return period



APPENDIX III

DATA

Monthly discharge in cms. of Mae Klong River

| Year | Apr. | May | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|-------------------|------|-----|------|------|------|-------|------|------|------|------|------|------|
| <u>STATION K4</u> | | | | | | | | | | | | |
| 1963-64 | 54 | 47 | 227 | 1289 | 2393 | 1991 | 3160 | 813 | 288 | 157 | 93 | 70 |
| 64-65 | 83 | 353 | 294 | 736 | 902 | 2336 | 1673 | 611 | 252 | 140 | 92 | 98 |
| 65-66 | 55 | 110 | 1825 | 2097 | 1962 | 1040 | 1099 | 393 | 186 | 128 | 133 | 83 |
| 66-67 | 61 | 123 | 218 | 1594 | 1704 | 2392 | 740 | 321 | 169 | 118 | 85 | 65 |
| 67-68 | 90 | 115 | 323 | 681 | 2057 | 1648 | 1240 | 375 | 187 | 120 | 95 | 94 |
| 68-69 | 82 | 210 | 153 | 464 | 1640 | 1182 | 590 | 285 | 137 | 93 | 51 | 37 |
| <u>STATION K6</u> | | | | | | | | | | | | |
| 1960-61 | 23 | 44 | 37 | 71 | 467 | 267 | 779 | 122 | 126 | 44 | 33 | 26 |
| 61-62 | 23 | 104 | 197 | 771 | 1426 | 1619 | 652 | 266 | 107 | 70 | 47 | 37 |
| 62-63 | 43 | 53 | 142 | 394 | 615 | 2450 | 657 | 167 | 78 | 48 | 32 | 28 |
| 63-64 | 28 | 25 | 81 | 587 | 742 | 991 | 2060 | 336 | 116 | 68 | 43 | 31 |

Monthly discharge in cms. of Mae Klong River

| Year | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|-------------------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 1964-65 | 40 | 202 | 93 | 235 | 423 | 1387 | 924 | 249 | 128 | 67 | 52 | 57 |
| 65-66 | 35 | 67 | 431 | 766 | 493 | 343 | 449 | 156 | 71 | 70 | 53 | 36 |
| 66-67 | 31 | 70 | 106 | 513 | 394 | 762 | 453 | 137 | 76 | 51 | 36 | 32 |
| 67-68 | 62 | 53 | 57 | 210 | 583 | 563 | 551 | 165 | 72 | 48 | 47 | 36 |
| 68-69 | 45 | 101 | 62 | 202 | 600 | 329 | 219 | 91 | 49 | 35 | 26 | 19 |
| 69-70 | 19 | 64 | 105 | 384 | 950 | 787 | 630 | 307 | 78 | 47 | 33 | 27 |
| 70-71 | 36 | 59 | 79 | 443 | 456 | 408 | 416 | 373 | 164 | 60 | 40 | 33 |
| 71-72 | 33 | 54 | 298 | 809 | 308 | 413 | 250 | 253 | 62 | 48 | 31 | 25 |
| 72-73 | 42 | 45 | 102 | 687 | 753 | 2284 | 816 | 490 | 203 | 81 | 53 | 52 |
| <u>STATION K9</u> | | | | | | | | | | | | |
| 1962-63 | - | - | - | 1534 | 1872 | 1982 | 452 | 142 | 72 | 36 | 33 | 26 |
| 63-64 | 26 | 20 | 192 | 904 | 2157 | 1648 | 1250 | 264 | 107 | 61 | 38 | 28 |

Monthly discharge in cms. of Mae Klong River

| Year | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|---------------------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 1964-65 | 31 | 156 | 124 | 664 | 685 | 1354 | 728 | 190 | 88 | 50 | 35 | 40 |
| 65-66 | 19 | 38 | 1509 | 1584 | 1024 | 648 | 640 | 136 | 59 | 46 | 38 | 26 |
| 66-67 | 20 | 46 | 134 | 1282 | 893 | 1996 | 346 | 100 | 46 | 33 | 23 | 18 |
| 67-68 | 20 | 53 | 268 | 571 | 1576 | 1208 | 707 | 155 | 64 | 36 | 26 | 26 |
| 68-69 | 25 | 73 | 89 | 337 | 1078 | 882 | 287 | 87 | 41 | 27 | 20 | 16 |
| 69-70 | 15 | 282 | 274 | 1041 | 2286 | 942 | 627 | 184 | 60 | 38 | 24 | 23 |
| 70-71 | 20 | 32 | 82 | 1135 | 728 | 610 | 292 | 125 | 65 | 35 | 24 | 22 |
| 71-72 | 18 | 23 | 731 | 1790 | 719 | 494 | 351 | 101 | 44 | 30 | 21 | 20 |
| 72-73 | 25 | 120 | 1039 | 3060 | 1597 | 1007 | 513 | 165 | 87 | 44 | 30 | 26 |
| 73-74 | 17 | 23 | 1610 | 842 | 1349 | 888 | 696 | 106 | 47 | 27 | 19 | 18 |
| <u>STATION K 10</u> | | | | | | | | | | | | |
| 1965-66 | 25 | 44 | 1643 | 1775 | 1078 | 654 | 658 | 147 | 68 | 52 | 44 | 32 |
| 66-67 | 19 | 50 | 145 | 1352 | 1069 | 2233 | 360 | 111 | 55 | 37 | 24 | 17 |

Monthly discharge in cms. of Mae River

| Year | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|---------------------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 1967-68 | 21 | 67 | 300 | 558 | 1668 | 1257 | 727 | 189 | 84 | 51 | 34 | 33 |
| 68-69 | 31. | 90 | 114 | 372 | 1094 | 879 | 330 | 114 | 57 | 35 | 23 | 16 |
| 69-70 | 16 | 277 | 305 | 1094 | 2354 | 964 | 635 | 242 | 80 | 47 | 33 | 30 |
| 70-71 | 25 | 53 | 97 | 1165 | 709 | 604 | 314 | 145 | 81 | 45 | 30 | 28 |
| 71-72 | 33 | 31 | 708 | 1859 | 842 | 488 | 364 | 125 | 60 | 40 | 28 | 26 |
| 72-73 | 34 | 163 | 1077 | 3026 | 1709 | 1041 | 551 | 207 | 118 | 64 | 41 | 46 |
| 73-74 | 28 | 39 | 1728 | 835 | 1465 | 985 | 765 | 142 | 69 | 43 | 32 | 29 |
| <u>STATION K 12</u> | | | | | | | | | | | | |
| 1965-66 | - | - | - | - | - | 43 | 20 | 6.00 | 1.18 | 0.42 | 0.30 | 0.15 |
| 66-67 | 0.16 | 1.80 | 0.86 | 0.10 | 1.18 | 2.30 | 17 | 3.35 | 0.77 | 0.14 | 0.06 | 0.05 |
| 67-68 | 3.35 | 2.56 | 2.00 | 0.52 | 0.07 | 0.07 | 14 | 0.07 | 0.10 | 0.04 | 0.05 | 0.04 |
| 68-69 | 5.80 | 10 | 1.51 | 1.18 | 0.94 | 3.45 | 12 | 3.75 | 0.79 | 0.66 | 0.60 | 8.40 |

Monthly discharge in cms. of Mae Klong River

| Year | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|---------------------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 1969-70 | 1.54 | 3.08 | 0.70 | 0.60 | 0.64 | 11 | 13 | 39 | 2.44 | 1.00 | 0.82 | 0.88 |
| 70-71 | 5.19 | 1.88 | 1.27 | 0.66 | 0.79 | 4.50 | 14 | 17 | 12 | 2.64 | 2.00 | 0.88 |
| 71-72 | 1.51 | 1.30 | 1.12 | 0.73 | 3.90 | 18 | 8.54 | 11 | 2.16 | 0.97 | 0.68 | 0.76 |
| 72-73 | 1.51 | 1.27 | 0.76 | 0.73 | 0.64 | 42 | 37 | 34 | 32 | 5.08 | 2.08 | 1.30 |
| 73-74 | 1.76 | 1.68 | 3.60 | 1.09 | 0.79 | 4.86 | 33 | 3.85 | 2.68 | 1.27 | 0.91 | 3.75 |
| <u>STATION K 13</u> | | | | | | | | | | | | |
| 1965-66 | - | - | - | - | - | 619 | 448 | 110 | 48 | 48 | 28 | 26 |
| 66-67 | 18 | 59 | 187 | 1566 | 629 | 2983 | 371 | 87 | 46 | 30 | 23 | 17 |
| 67-68 | 16 | 66 | 313 | 538 | 1877 | 1534 | 717 | 117 | 54 | 32 | 25 | 28 |
| 68-69 | 27 | 87 | 115 | 405 | 1073 | 904 | 294 | 94 | 43 | 27 | 16 | 18 |
| 69-70 | 18 | 304 | 314 | 1058 | 2177 | 930 | 551 | 192 | 56 | 33 | 21 | 23 |
| 70-71 | 19 | 35 | 92 | 1096 | 763 | 526 | 260 | 115 | 58 | 33 | 21 | 19 |

Monthly discharge in cms. of Mae Klong River

| Year | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|---------------------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 1971-72 | 16 | 28 | 629 | 1765 | 528 | 433 | 318 | 88 | 45 | 29 | 19 | 13 |
| 72-73 | 18 | 180 | 1080 | 2308 | 1508 | 732 | 461 | 164 | 80 | 45 | 28 | 34 |
| 73-74 | 16 | 34 | 1690 | 811 | 1310 | 716 | 565 | 94 | 47 | 23 | 19 | 16 |
| 74-75 | 30 | 349 | 565 | 303 | 3029 | 449 | 432 | | | | | |
| <u>STATION K 17</u> | | | | | | | | | | | | |
| 1966-67 | - | - | - | 5.48 | 1.95 | 6.02 | 23 | 90 | 7.83 | 2.56 | 0.84 | 0.51 |
| 67-68 | 1.60 | 4.80 | 8.90 | 3.10 | 40 | 5.82 | 59 | 15 | 4.70 | 0.96 | 0.92 | 0.84 |
| 68-69 | 1.94 | 7.75 | 2.07 | 1.46 | 5.28 | 18 | 319 | 12 | 2.14 | 1.00 | 0.63 | 0.95 |
| 69-70 | 1.16 | 7.70 | 6.10 | 8.12 | 21 | 21 | 122 | 263 | 6.58 | 2.10 | 1.20 | 1.70 |
| 70-71 | 1.20 | 1.44 | 1.68 | 29 | 1.68 | 3.60 | 53 | 49 | 208 | 5.00 | 1.92 | 2.32 |
| 71-72 | 0.98 | 6.60 | 21 | 21 | 6.40 | 62 | 148 | 61 | 2.04 | 0.98 | 0.36 | 3.28 |
| 72-73 | 4.56 | 1.88 | 3.10 | 12 | 13 | 19 | 102 | 81 | 54 | 5.60 | 1.96 | 1.26 |
| 73-74 | 0.96 | 3.80 | 43 | 3.00 | 9.36 | 56 | 106 | 363 | 14 | 3.10 | 1.20 | 1.08 |

Monthly discharge in cms. of Mae Klong River

| Year | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|---------------------|------|------|------|------|------|-------|------|------|------|------|------|------|
| <u>STATION K 19</u> | | | | | | | | | | | | |
| 1966-67 | - | - | - | 524 | 313 | 648 | 426 | 123 | 71 | 46 | 33 | 30 |
| 67-68 | 32 | 48 | 90 | 193 | 553 | 551 | 507 | 126 | 64 | 41 | 29 | 29 |
| 68-69 | 34 | 93 | 50 | 188 | 620 | 294 | 178 | 79 | 39 | 30 | 21 | 17 |
| 69-70 | 20 | 48 | 100 | 327 | 814 | 669 | 488 | 287 | 69 | 50 | 32 | 24 |
| 70-71 | 26 | 50 | 80 | 362 | 435 | 382 | 342 | 332 | 159 | 50 | 33 | 30 |
| 71-72 | 26 | 53 | 250 | 752 | 228 | 334 | 204 | 207 | 53 | 39 | 24 | 18 |
| 72-73 | 30 | 40 | 71 | 599 | 561 | 1550 | 763 | 543 | 164 | 68 | 46 | 49 |
| <u>STATION K 20</u> | | | | | | | | | | | | |
| 1966-67 | - | - | - | 522 | 399 | 749 | 429 | 142 | 78 | 54 | 41 | 36 |
| 67-68 | 65 | 52 | 102 | 203 | 591 | 470 | 559 | 164 | 73 | 44 | 43 | 36 |
| 68-69 | 48 | 105 | 65 | 210 | 614 | 324 | 227 | 97 | 52 | 36 | 26 | 19 |
| 69-70 | 24 | 92 | 113 | 376 | 989 | 861 | 659 | 344 | 86 | 53 | 40 | 31 |

Monthly discharge in cms. of Mae Klong River

| Year | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|-----------------------|------|------|------|------|------|-------|------|------|------|------|------|------|
| 1970-71 | 38 | 62 | 85 | 411 | 470 | 415 | 375 | 371 | 179 | 65 | 44 | 38 |
| 71-72 | 40 | 62 | 287 | 848 | 309 | 412 | 243 | 248 | 67 | 52 | 35 | 26 |
| 72-73 | 38 | 46 | 107 | 654 | 679 | 1350 | 742 | 474 | 194 | 77 | 48 | 50 |
| 73-74 | 31 | 57 | 557 | 431 | 760 | 900 | 612 | 105 | 87 | 81 | 37 | 29 |
| 74-75 | 49 | 99 | 217 | 225 | 1131 | 970 | 1784 | 355 | 138 | | | |
| <u>STATION K 22 A</u> | | | | | | | | | | | | |
| 1969-70 | 1.60 | 24 | 28 | 82 | 166 | 38 | 27 | 8.00 | 4.15 | 2.16 | 1.46 | 1.04 |
| 70-71 | 2.12 | 3.52 | 4.16 | 117 | 25 | 41 | 16 | 5.40 | 6.40 | 2.48 | 1.58 | 1.16 |
| 71-72 | 1.20 | 1.50 | 64 | 110 | 33 | 22 | 20 | 6.70 | 3.71 | 2.50 | 1.50 | 1.70 |
| 72-73 | 3.40 | 25 | 90 | 216 | 80 | 115 | 27 | 16 | 7.73 | 2.56 | 1.17 | 1.58 |
| 73-74 | 0.70 | 1.85 | 135 | 55 | 79 | * | 34 | 9.40 | 4.78 | 2.95 | 2.95 | 3.10 |
| 74-75 | 3.08 | 46 | 30 | 17 | 321 | 23 | 55 | 19 | | | | |

Note * means no record

Monthly discharge in cms. of Mae Klong River

| Year | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |
|--------------------|------|------|------|------|------|-------|------|------|------|------|------|------|
| <u>STATION N 1</u> | | | | | | | | | | | | |
| 1965-66 | 23 | 707 | 393 | 538 | 450 | 288 | 355 | 117 | 55 | 62 | 43 | 31 |
| 66-67 | 23 | 60 | 102 | 496 | 292 | 602 | 394 | 97 | 55 | 39 | 28 | 27 |
| 67-68 | 26 | 41 | 85 | 179 | 500 | 504 | 450 | 113 | 59 | 35 | 27 | 27 |
| 68-69 | 31 | 75 | 44 | 173 | 622 | 278 | 161 | 67 | 39 | 31 | 22 | 16 |
| 69-70 | 15 | 46 | 93 | 342 | 924 | 754 | 361 | 285 | 67 | 46 | 32 | 24 |
| 70-71 | 24 | 47 | 115 | 446 | 412 | 358 | 371 | 321 | 130 | 53 | 34 | 30 |
| 71-72 | 27 | 43 | 258 | 808 | 209 | 366 | 206 | 184 | 46 | 34 | 24 | 18 |
| 72-73 | 22 | 36 | 61 | 585 | 537 | | | | | | | |

Annual Discharge in Bae Klong River

| Water Year | Annual discharge in cms. | | |
|-------------------|--------------------------|------|------|
| | min. | max. | mean |
| <u>STATION K6</u> | | | |
| 1960 | 15 | 779 | 89 |
| 61 | 14 | 1619 | 233 |
| 62 | 17 | 2450 | 156 |
| 63 | 8 | 2060 | 179 |
| 64 | 24 | 1387 | 154 |
| 65 | 19 | 766 | 134 |
| 66 | 18 | 762 | 119 |
| 67 | 17 | 583 | 121 |
| 68 | 13 | 600 | 92 |
| 69 | 10 | 950 | 147 |
| 70 | 20 | 456 | 117 |
| 71 | 18 | 809 | 110 |
| 72 | 21 | 2284 | 195 |
| <u>STATION K9</u> | | | |
| 1962 | - | 1982 | - |
| 63 | 10 | 2157 | 262 |
| 64 | 18 | 1354 | 158 |
| 65 | 12 | 1584 | 216 |
| 66 | 12 | 1996 | 152 |
| 67 | 12 | 1576 | 179 |
| 68 | 11 | 1078 | 135 |
| 69 | 8.7 | 2286 | 210 |
| 70 | 13 | 1135 | 129 |
| 71 | 13 | 1790 | 166 |
| 72 | 9.6 | 3060 | 290 |
| 73 | 10 | 1610 | 203 |

Note : Water Year starts from 1 April to next year

31 March

Annual Discharge in Mae Klong River

| Water Year | Annual discharge in cms. | | |
|--------------------|--------------------------|------|------|
| | min. | max. | mean |
| <u>STATION K10</u> | | | |
| 1965 | 18 | 1775 | 231 |
| 66 | 11 | 2233 | 163 |
| 67 | 12 | 1668 | 197 |
| 68 | 10 | 1094 | 150 |
| 69 | 11 | 2354 | 229 |
| 70 | 16 | 1165 | 140 |
| 71 | 19 | 1859 | 179 |
| 72 | 10 | 3026 | 322 |
| 73 | 20 | 1728 | 227 |
| <u>STATION K12</u> | | | |
| 1966 | 0.03 | 17 | 0.69 |
| 67 | 0 | 14 | 0.57 |
| 68 | 0.22 | 12 | 1.31 |
| 69 | 0.50 | 39 | 2.33 |
| 70 | 0.54 | 17 | 2.37 |
| 71 | 0.52 | 18 | 1.88 |
| 72 | 0.48 | 42 | 6.17 |
| 73 | 0.59 | 33 | 2.24 |
| <u>STATION K13</u> | | | |
| 1966 | 9.0 | 2983 | 162 |
| 67 | 10 | 1877 | 176 |
| 68 | 8.0 | 1073 | 136 |
| 69 | 9.0 | 2177 | 200 |
| 70 | 8.4 | 1096 | 123 |
| 71 | 8.0 | 1765 | 157 |
| 72 | 8.4 | 2808 | 267 |
| 73 | 8.8 | 1690 | 183 |

Annual Discharge in Mae Klong River

| Water Year | Annual Discharge in cms. | | |
|--------------------|--------------------------|------|------|
| | min. | max. | mean |
| <u>STATION K17</u> | | | |
| 1966 | - | 90 | - |
| 67 | 0.04 | 59 | 2.88 |
| 68 | 0.12 | 319 | 6.40 |
| 69 | 0 | 263 | - |
| 70 | 0 | 208 | 5.88 |
| 71 | 0 | 148 | 6.63 |
| 72 | 0.84 | 102 | 10.4 |
| 73 | 0.48 | 363 | 9.49 |
| <u>STATION K19</u> | | | |
| 1966 | - | 648 | - |
| 67 | 17 | 553 | 106 |
| 68 | 13 | 620 | 79 |
| 69 | 12 | 814 | 127 |
| 70 | 16 | 455 | 100 |
| 71 | 15 | 752 | 90 |
| 72 | 12 | 1550 | 154 |
| <u>STATION K20</u> | | | |
| 1966 | - | 749 | - |
| 67 | 19 | 591 | 119 |
| 68 | 12 | 614 | 93 |
| 69 | 14 | 989 | 154 |
| 70 | 21 | 470 | 123 |
| 71 | 22 | 412 | 112 |
| 72 | 15 | 1350 | 177 |
| 73 | 19 | 900 | 149 |

Annual Discharge in Mae Klong River

| Water Year | Annual discharge in cms. | | |
|---------------------|--------------------------|------|------|
| | min. | max. | mean |
| <u>STATION K22A</u> | | | |
| 1969 | 0.37 | 166 | 10.5 |
| 70 | 0.46 | 117 | 6.45 |
| 71 | 0.15 | 110 | 8.06 |
| 72 | 0 | 216 | 19.0 |
| 73 | 0.28 | 135 | 9.99 |
| <u>STATION N1</u> | | | |
| 1965 | 23 | 707 | 106 |
| 66 | 23 | 602 | 95 |
| 67 | 26 | 504 | 96 |
| 68 | 16 | 622 | 73 |
| 69 | 15 | 924 | 139 |
| 70 | 24 | 446 | 91 |
| 71 | 18 | 808 | 83 |



Monthly rainfall in mm. at Kanchanaburi

| Year | Jan. | Feb. | Mar. | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. |
|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1960 | 10.6 | 0.2 | 6.9 | 23.6 | 173.9 | 73.7 | 86.1 | 24.2 | 126.4 | 265.0 | 91.7 | 9.9 |
| 61 | 1.3 | 7.2 | 11.5 | 93.2 | 221.2 | 70.3 | 81.3 | 138.9 | 88.6 | 147.4 | 26.6 | 0 |
| 62 | 0 | 0 | 26.3 | 83.1 | 141.8 | 44.1 | 29.4 | 118.2 | 277.6 | 163.0 | * | 0.2 |
| 63 | 0.2 | 0 | 47.0 | 7.7 | 130.5 | 58.7 | 89.8 | 117.3 | 294.8 | 204.7 | 102.3 | 5.6 |
| 64 | 0 | 12.1 | 0 | 119.1 | 176.8 | 45.2 | 192.7 | 29.0 | 202.7 | 182.0 | 24.3 | 1.7 |
| 65 | 17.2 | 41.6 | 61.6 | 25.6 | 145.6 | 51.6 | 38.4 | 151.7 | 264.2 | 145.5 | 47.5 | 12.1 |
| 66 | 0 | 3.2 | 2.5 | 28.5 | 286.1 | 100.1 | 69.1 | 107.7 | 145.2 | 216.5 | 54.4 | 55.2 |
| 67 | * | 0 | 0 | 133.8 | 159.1 | 32.8 | 101.9 | 42.7 | 90.4 | 266.5 | 48.2 | * |
| 68 | 0 | 83.5 | 1.5 | 110.3 | 115.0 | 142.3 | 74.3 | 10.0 | 146.1 | 172.8 | 30.3 | 2.0 |
| 69 | 3.9 | 2.0 | 30.5 | 125.7 | 200.1 | 77.9 | 111.6 | 125.7 | 218.8 | 144.9 | 195.5 | 0.6 |
| 70 | 0 | 89.6 | 20.4 | 103.7 | 132.4 | 118.8 | 90.7 | 179.4 | 332.0 | 268.0 | 103.7 | 75.7 |

Monthly temperature and humidity at Kanchanaburi

| Year | Jan. | Feb. | Mar. | Apr. | May. | Jun. | Jul. | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|------|------|------|------|------|------|------|------|-------|------|------|------|
| <u>Monthly mean temperature in degree celsius</u> | | | | | | | | | | | | |
| 1966 | 26.8 | 29.1 | 31.4 | 32.1 | 29.0 | 29.0 | 28.3 | 27.9 | 27.3 | 27.4 | 26.3 | 24.3 |
| 67 | 25.0 | 27.4 | 29.9 | 30.8 | 29.4 | 29.6 | 28.5 | 28.1 | 28.5 | 26.6 | 26.7 | 24.3 |
| 68 | 25.6 | 27.6 | 30.2 | 29.7 | 29.8 | 29.2 | 29.0 | 29.4 | 28.3 | 27.1 | 27.4 | 27.1 |
| 69 | 28.2 | 29.4 | 31.6 | 31.8 | 30.1 | 29.2 | 28.2 | 28.0 | 28.1 | 27.8 | 25.1 | 23.7 |
| 70 | 26.5 | 27.7 | 30.4 | 30.9 | 30.3 | 29.0 | 28.1 | 27.8 | 28.0 | 26.9 | 26.0 | 25.1 |
| <u>Monthly mean relative humidity in percent</u> | | | | | | | | | | | | |
| 1966 | 62 | 60 | 47 | 55 | 73 | 70 | 72 | 78 | 78 | 79 | 74 | 72 |
| 67 | 59 | 57 | 49 | 58 | 70 | 66 | 71 | 70 | 70 | 78 | 72 | 63 |
| 68 | 57 | 57 | 58 | 65 | 68 | 70 | 70 | 65 | 74 | 78 | 70 | 62 |
| 69 | 62 | 53 | 54 | 57 | 71 | 71 | 73 | 75 | 77 | 79 | 75 | 64 |
| 70 | 62 | 62 | 57 | 61 | 69 | 72 | 74 | 76 | 76 | 78 | 71 | 76 |

Rainfall Records in the Mae Klong Basin

--- Statistics of Rainfall Vol.34,35

Hydrometeorological Division, Meteorological Department

| Station | Basin | Year of record | Missing years | Remark |
|----------------|------------------------------|----------------|---------------|-------------------|
| Thong Pha Phum | K13,K9,K10 | 1967-73 | 1968,69,72 | |
| Sangkha Buri | K13,K9,K10 | 1967-73 | 1968,69,72 | |
| Si Sawat | K6,K20 | 1958-73 | 1963,68,69,72 | |
| Sai Yok | K9,K10 | 1970-73 | | start on June '70 |
| Bo Phloi | K12 | 1958-74 | 1963,68,69,72 | |
| Tha Maka | } out off the studied basins | | | |
| Phanom Thuan | | | | |
| Tha Muang | | | | |

VITA

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