

[illegible]

DUVALL

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412345678901234567890123456789012345678901234567890123456
57890123456789012345678901234567890/5X,121A1)
  DO 8 I=1,N
  DO 17 J=1,121
17 GRAPH(J)=BLANK
  GO TO (9,10,11,12),M
12 K4=(D(I)-AMIN)/SC+1.
  IF(K4.LT.0.OR.K4.GT.122) K4=122
11 K3=(C(I)-AMIN)/SC+1.
  IF(K3.LT.0.OR.K3.GT.122) K3=122
10 K2=(B(I)-AMIN)/SC+1.
  IF(K2.LT.0.OR.K2.GT.122) K2=122
  9 K1=(A(I)-AMIN)/SC+1.
  IF(K1.LT.0.OR.K1.GT.122) K1=122
  GO TO (13,14,15,16),M
16 GRAPH(K4)=POINT(4)
15 GRAPH(K3)=POINT(3)
14 GRAPH(K2)=POINT(2)
13 GRAPH(K1)=POINT(1)
  IF(GRAPH(121).NE.BLANK) GRAPH(120)=GRAPH(121)
  WRITE(6,101) I,(GRAPH(I1),I1=1,120)
101 FORMAT(2X,I3,1H.,120A1)
  8 CONTINUE
  MSWTC=0
  RETURN
  ENTRY MANUAL(A1,A2)
  AMAX=A1
  AMIN=A2
  MSWTC=1
  RETURN
  END

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