

72.0218

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PROGRAM

J0400'CM60000'T75'TP0. WARTHA OCEANOGRAPHY

COMMENT.PPP

COMMENT.MAIL THIS DECK AND ANY PUNCHES

COMMENT.CARDS TO THE FOLLOWING ADDRESS--

COMMENT.-----WSC BLDG-2-----ROCKVILLE

RUN(S''''''20000''')

RFL'10000.

XPAUSE. OPERATOR' PLEASE RUN ON UNLINED PAPER ONLY.

XPAUSE. OPERATOR IF THIS CANNOT BE DONE' DO NOT RUN AT ALL.

RFL'60000.

LOAD(LGO)

EXECUTE.

EXIT.

DMP(0'60000)

PROGRAM SALINE (INPUT'OUTPUT'TAPE2'PUNCH)

DIMENSION QS(40)'QT(40)'A(2000)'IDEP(40)'LOC(4)'QX(7)

DATA (IXs1HX)'(ISs1HS)'(ICs1HC)'(INs1HN)'(IEs1HE)'

IWs1HW)

DATA (DCODs2HFT)'(TMEWs1HW)

JOBSs205 JOBS=25

READ 11' (IDEP(LUM)'LUMs1'+0)

DO 500 IJK s1*JOBS

JCT s 0

MP s 1

LLs 1

LU s LL + 9

READ 4'AAL'IABL'IACL'ICD'IDAYL'MOL'IYRL'MAX'LAD'LAM'LAS'HNS'LOD'LO

IM'LOS'HEW'IWEATH'INSCD'WS'WD

INSCDs2

100 READ 5'AA'IAB'IAC'AD'IE'ISD'IDAY'MO'IYR'IHR'ITM'AUN'AT.'(QS(L,LSL
1L'LU)

101 READ 5' AAT'IABT'IACT'ADT'IET'ISDT'IDAYT'MOT'IYRT'IHRT'ITMT'AUNT'A
ITPT'(QT(L)'LsLL'LU)

115 READ 5' AAX'IABX'IACX'ADX'IE'ISDX'IDAYX'MOX'IYRX'IHRX'ITMX'AUNX'A
ITPX'(QX(L)'LsLL'LU)

IF(AAL.EQ.AA) GO TO 102

PRINT 1011

STOP

102 IF(AAL.EQ.AAT) GO TO 103

PRINT 1021

103 IF(IABL.EQ.IAB) GO TO 104

PRINT 1031

STOP

104 IF(IABL.EQ.IABT) GO TO 105

PRINT 1041

STOP

105 IF(IACL.EQ.IAC) GO TO 106

PRINT 1051

STOP

106 IF(IACL.EQ.IACT) GO TO 107

PRINT 1061

STOP

107 IF(IDAYL.EQ.IDAY) GO TO 108

PRINT 1071

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STOP
IF(IDAYL.EQ.IDAYT) GO TO 109
PRINT 1081
STOP
109 IF(MOL.EQ.MO) GO TO 110
PRINT 1091
STOP
110 IF(MOL.EQ.MOT) GO TO 111
PRINT 1101
STOP
111 IF(AAL.EQ.AAX)GO TO 119
PRINT 1311
STOP
119 IF(IABL.EQ.IABX) GO TO 120
PRINT 1321
STOP
120 IF(IACL.EQ.IACX) GO TO 121
PRINT 1331
STOP
121 IF(IDAYL.EQ.IDAYX) GO TO 122
PRINT 1341
STOP
122 IF(MOL.EQ.MOX) GO TO 113
PRINT 1351
STOP
113 IF(ISD.NE.0) GO TO 1131
ISD s ICD
AUNs1HF
SYM s 1HC
GO TO 1132
1131 SYMs1HS
1132 PRINT7
ALASsFLOAT(LAS)/60.
ALAMsFLOAT(LAM)+ALAS
ALOSsFLOAT(LOS)/60.
ALOMsFLOAT(LOM)+ALOS
PRINT8
PRINT 9'AA'IAB'IAC'MO'IDAY'IYR'ISD'AUN'SYM'IHR'ITM'TMEW'LAD'ALAM'H
INS'LOD'ALOM'HEW'IWEATH'WS'WD'INSCD
PRINT 10' DCOD
CATsFLOAT(LAD)+ALAM/60.
CONsFLOAT(LOD)+ALOM/60.
IF(HNS.EQ.IN) GO TO 1133
CATs-CAT
1133 IF(HEW.EQ.IW) GO TO 1134
CONs-CON
1134 A(MP) s AA
A(MP+1) s IAB
A(MP+2) s IAC
A(MP+3) s IDAY
A(MP+4) s MO
A(MP+5) s IYR
A(MP+6) s IHR

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A(MP+7)S CAT
A(MP+8)S CON
A(MP+9)S MAX
A(MP+10)S INSCD
A(MP+11)S IWEATH
A(MP+12)S WS
A(MP+13)S WD
A(MP+14)S ISD
A(MP+15)S ITM
A(MP+16)S AUN
MPPS MP+20
MPXS MP+60
DO 114 Ls1'MAX
PRINT 6' IDEP(L)'QS(L)'QT(L)'QX(L)
A(MPP+L)S QS(L)
A(MPX+L)S QT(L)

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114 CONTINUE

500 CONTINUE

STOP

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4 FORMAT(1X'A2'2(I2'1X)'I3'1X'2I2'I4'1X'I3'3(1X'I2)'A1'10'I3'2(1X'I2
1)'A1'3(1X'I2)*1X'I3)

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5 FORMAT(1X'A2'I2'1X'I2'A1'I1'I3'I2'I4'I3'2X'2A1'10F5.3)

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6 FORMAT(12X'I4'4X'F5.1'3X'F5.1'3X'F5.1)

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7 FORMAT(1H1)

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8 FORMAT(23X'8HNOAA-NOS)

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9 FORMAT(11X'4HSTA 'A2'I2'1H-'I2'7H DATE 'I2'1H-'I2'1H-'I2/11X'3HSD
1 'I3'1X'A2'1X'A1'2X'5HHOUR 'I4'1X'3HTM 'I3'A1/11X'4HLAT 'I2'1H-'F6
2.3'A1'5H LON 'I3'1H-'F6.3'A1/11X'8HWEATHER 'I2'2X'5HWIND 'I2'7H KT
3 AT 'I3/11X'5HINST 'I2//)

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10 FORMAT(11X'31HDEPTH SALIN TEMP COND//11X'3H ('A2'29H)
1 (PPT) (DEG C) (MMH/CM)///)

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11 FORMAT(30X'10I5)

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1011 FORMAT(1X*SECTION TYPE ON GP CARD NOT SAME AS ON SAL CARD*)

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1021 FORMAT(1X*SECTION TYPE ON GP CARD NOT SAME AS ON TEMP CARD*)

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1031 FORMAT(1X*SECTION NUMBER ON GP CARD NOT SAME AS ON SAL CARD*)

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1041 FORMAT(1X*SECTION NUMBER ON GP CARD NOT SAME AS ON TEMP CARD*)

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1051 FORMAT(1X*STATION NUMBER ON GP CARD NOT SAME AS ON SAL CARD*)

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1061 FORMAT(1X*STATION NUMBER ON GP CARD NOT SAME AS ON TEMP CARD*)

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1071 FORMAT(1X* DAY NUMBER ON GP CARD NOT SAME AS ON SAL CARD*)

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1081 FORMAT(1X* DAY NUMBER ON GP CARD NOT SAME AS ON TEMP CARD*)

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1091 FORMAT(1X* MONTH NUMBER ON GP CARD NOT SAME AS ON SAL CARD*)

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1101 FORMAT(1X* MONTH NUMBER ON GP CARD NOT SAME AS ON TEMP CARD*)

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1311 FORMAT(1X*SECTION TYPE ON GP CARD NOT SAME AS ON COND CARD*)

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1321 FORMAT(1X*SECTION NUMBER ON GP CARD NOT SAME AS ON COND CARD*)

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```

1331 FORMAT(1X*STATION NUMBER ON GP CARD NOT SAME AS ON COND CARD*)

```

```

1341 FORMAT(1X* DAY NUMBER ON GP CARD NOT SAME AS ON COND CARD*)

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1351 FORMAT(1X* MONTH NUMBER ON GP CARD NOT SAME AS ON COND CARD*)

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END