FROM TETRA TECH WAVE HEIGHT ANALYSIS
FOR NEW HANOVER CO., NC

no good 5/15/84 nrs
see

DISK NO.=1
ENGINEER:CHERYL

FILE NO.= 66.00

WAVE HEIGHT ANALYSIS-MOD 1-15

```
*******************************************
*TRANSECT NO.          6                  *
*COMMUNITY             KURE BEACH         *
*INPUTED BY:           CJ                 *
*DATE:                 2/10/81            *
*******************************************
```

STARTING SURGE ELEVATION= 10.51

```
DATA CODE        DISTANCE              RELATED DATA
=========        ===============       =======================
K( 1)= 0         T( 1)=     0          E( 1)=   0.00
K( 2)= 10        T( 2)=    47          E( 2)=  10.00
K( 3)= 1         T( 3)=   112
K( 4)= 2         T( 4)=   169          N( 4)=   1
                                       R( 4)= 0.50
K( 5)= 10        T( 5)=   263          E( 5)=  15.00
K( 6)= 20        T( 6)=   309
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 671.30
ZW= 16.29      AT STATION= 0.50             G = 0.00
ZW= 15.50      AT STATION= 19.50            G = 1.44
ZW= 14.46      AT STATION= 39.50            G = 3.33
THE V/A ZONE BOUNDARY STATION/EROSION= 118.50
THE CORRESPONDING ERODED AREA= 677.34
THE GROUND ELEVATION AT THE END OF EROSION LINE= 4.83

SHORELINE
STATION       SWL          HT          ZW
   0         10.51        8.20        16.25
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 8.96
ZW= 14.50   AT STATION= 20.92
ZW= 13.50   AT STATION= 32.89
ZW= 12.50   AT STATION= 44.85
ZW= 11.50   AT STATION= 56.82

OVERLAND FETCH
STATION       SWLF         DAVG        HT          ZW
   .69        10.51        5.26        0.00        10.51
V/A ZONE BOUNDARY STATION = 43.54   SWL= 10.51
                          **********

TRANSECT COMPLETE
```

WAVE ELEV. = 0.7 H_T + STILLWATER ELEV.
= 0.7(8.20) + 10.51
∴ WAVE ELEV. = ZW = 16.25 FT.

```
DISK NO.=1
ENGINEER:CHERYL

FILE NO.= 40.00
                              WAVE HEIGHT ANALYSIS-MOD 1-15
*********************************************
*TRANSECT NO.        4                        *
*COMMUNITY           KURE BEACH               *
*INPUTED BY:         CJ                       *
*DATE:               2/10/81                  *
*********************************************

STARTING SURGE ELEVATION= 10.51

DATA CODE       DISTANCE              RELATED DATA
=========       ==========            ========================
K(  1)=  0      T(  1)=       0       E(  1)=   0.00
K(  2)= 10      T(  2)=      54       E(  2)=  10.00
K(  3)=  1      T(  3)=     136
K(  4)=  2      T(  4)=     191       N(  4)=   1
                                      R(  4)= 0.50
K(  5)= 10      T(  5)=     411       E(  5)=  15.00
K(  6)= 20      T(  6)=     466
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 671.30
ZW= 16.29      AT STATION= 0.50              G = 0.00
ZW= 15.46      AT STATION= 23.50             G = 1.51
ZW= 14.48      AT STATION= 45.50             G = 3.30
THE V/A ZONE BOUNDARY STATION/EROSION= 123.50
THE CORRESPONDING ERODED AREA= 677.60
THE GROUND ELEVATION AT THE END OF EROSION LINE= 4.49

SHORELINE
STATION        SWL          HT          ZW
      0      10.51        8.20        16.25
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 11.81
ZW= 14.50   AT STATION= 27.58
ZW= 13.50   AT STATION= 43.35
ZW= 12.50   AT STATION= 59.13
ZW= 11.50   AT STATION= 74.90

OVERLAND FETCH
STATION        SWLF         DAVG         HT          ZW
     91       10.51         5.26         0.00       10.51
V/A ZONE BOUNDARY STATION = 57.39   SWL= 10.51
                          **********

TRANSECT COMPLETE
```

```
DISK NO.=1
ENGINEER:CHERYL

FILE NO.= 27.00
                              WAVE HEIGHT ANALYSIS-MOD 1-15
*************************************************
*TRANSECT NO.        3                            *
*COMMUNITY           KURE BEACH                   *
*INPUTED BY:         CJ                           *
*DATE:               2/10/81                      *
*************************************************

STARTING SURGE ELEVATION= 10.51

DATA CODE       DISTANCE              RELATED DATA
=========       ==============        ========================
K(  1)=  0      T(  1)=       0       E(  1)=   0.00
K(  2)= 10      T(  2)=      40       E(  2)=  10.00
K(  3)=  1      T(  3)=     132
K(  4)=  2      T(  4)=     662       N(  4)=   5
                                      R(  4)= 0.60
K(  5)= 10      T(  5)=     686       E(  5)=  15.00
K(  6)= 20      T(  6)=     707
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 671.30
ZW= 16.29      AT STATION= 0.50              G = 0.00
ZW= 15.44      AT STATION= 17.50             G = 1.54
ZW= 14.46      AT STATION= 33.50             G = 3.32
THE V/A ZONE BOUNDARY STATION/EROSION= 118.50
THE CORRESPONDING ERODED AREA= 674.60
THE GROUND ELEVATION AT THE END OF EROSION LINE= 4.31

SHORELINE
STATION        SWL          HT          ZW
      0       10.51        8.20        16.25
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 13.76
ZW= 14.50   AT STATION= 32.15
ZW= 13.50   AT STATION= 50.53
ZW= 12.50   AT STATION= 68.92
ZW= 11.50   AT STATION= 87.31

OVERLAND FETCH
STATION        SWLF         DAVG         HT          ZW
    106       10.51         5.26         0.00       10.51
V/A ZONE BOUNDARY STATION = 66.90   SWL= 10.51
                          **********

TRANSECT COMPLETE
```

```
DISK NO.=1
ENGINEER:CHERYL

FILE NO.= 14.00
                              WAVE HEIGHT ANALYSIS-MOD 1-15
*********************************************
*TRANSECT NO.        2                       *
*COMMUNITY           KURE BEACH              *
*INPUTED BY:         CJ                      *
*DATE:               2/10/81                 *
*********************************************

STARTING SURGE ELEVATION= 10.51

DATA CODE           DISTANCE                RELATED DATA
=========           ==========              ============
K(  1)=  0          T(  1)=      0          E(  1)=   0.00
K(  2)= 10          T(  2)=     32          E(  2)=  10.00
K(  3)=  1          T(  3)=     91
K(  4)=  2          T(  4)=    148          N(  4)=   1
                                            R(  4)= 0.40
K(  5)= 10          T(  5)=    210          E(  5)=  15.00
K(  6)= 20          T(  6)=    268
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 671.30
ZW= 16.29      AT STATION= 0.50            G = 0.00
ZW= 15.49      AT STATION= 13.50           G = 1.46
ZW= 14.43      AT STATION= 27.50           G = 3.38
ZW= 13.50      AT STATION= 108.50          G = 5.08
THE V/A ZONE BOUNDARY STATION/EROSION= 110.50
THE CORRESPONDING ERODED AREA= 675.06
THE GROUND ELEVATION AT THE END OF EROSION LINE= 5.10

SHORELINE
STATION        SWL          HT          ZW
      0      10.51        8.20        16.25
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 6.54
ZW= 14.50   AT STATION= 15.27
ZW= 13.50   AT STATION= 24.01
ZW= 12.50   AT STATION= 32.74
ZW= 11.50   AT STATION= 41.48

OVERLAND FETCH
STATION        SWLF         DAVG         HT          ZW
     50       10.51         5.26         0.00       10.51
V/A ZONE BOUNDARY STATION = 31.78   SWL= 10.51
                          **********

TRANSECT COMPLETE
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```
DISK NO.=1
ENGINEER:CHERYL

FILE NO.= 1.00
                              WAVE HEIGHT ANALYSIS-MOD 1-15
*********************************************
*TRANSECT NO.          1                     *
*COMMUNITY             KURE BEACH            *
*INPUTED BY:           CJ                    *
*DATE:                 2/10/81               *
*********************************************

STARTING SURGE ELEVATION= 10.51

DATA CODE          DISTANCE                RELATED DATA
=========          ==============          ========================
K(  1)=  0         T(  1)=        0        E(  1)=   0.00
K(  2)= 10         T(  2)=      104        E(  2)=  20.00
K(  3)= 20         T(  3)=      115
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

 2.00
 3.60            2.20            1.80            4.50            9.00
 35.56
THE DEPOSITION AREA= 671.30
ZW= 16.29       AT STATION= 0.50                G = 0.00
ZW= 15.49       AT STATION= 20.50               G = 1.45
ZW= 14.50       AT STATION= 40.50               G = 3.26
ZW= 13.45       AT STATION= 61.50               G = 5.16
ZW= 12.46       AT STATION= 81.50               G = 6.97
ZW= 11.46       AT STATION= 101.50              G = 8.78
THE V/A ZONE BOUNDARY STATION/EROSION= 102.50
THE CORRESPONDING ERODED AREA= 680.23
THE GROUND ELEVATION AT THE END OF EROSION LINE= 8.87

SHORELINE
STATION         SWL          HT          ZW
      0       10.51        8.20        16.25
BREAKING WAVE
                             **********

ZW= 15.50    AT STATION= 7.12
ZW= 14.50    AT STATION= 16.64
ZW= 13.50    AT STATION= 26.15
ZW= 12.50    AT STATION= 35.67
ZW= 11.50    AT STATION= 45.18

OVERLAND FETCH
STATION         SWLF         DAVG         HT          ZW
     55        10.51         5.26         0.00       10.51
V/A ZONE BOUNDARY STATION = 34.62    SWL= 10.51
                             **********

TRANSECT COMPLETE
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                    WAVE HEIGHT ANALYSIS-MOD 1-15
**********************************************
*TRANSECT NO.        KB-1                      *
*COMMUNITY           KURE BEACH                *
*INPUTED BY:         HSU                       *
*DATE:               5/3/84                    *
**********************************************

INPUT SCALE: 1 INCH= 200.00  FT.
STARTING SURGE ELEVATION= 10.50

DATA CODE       DISTANCE              RELATED DATA
=========       ==========            ========================
K(  1)=  0      T(  1)=       0       
K(  2)= 10      T(  2)=       4       E(  2)=   2.00
K(  3)= 10      T(  3)=      40       E(  3)=   4.00
K(  4)= 10      T(  4)=      51       E(  4)=   6.00
K(  5)= 10      T(  5)=      72       E(  5)=   8.00
K(  6)= 10      T(  6)=     101       E(  6)=  10.00
K(  7)= 10      T(  7)=     120       E(  7)=  12.
K(  8)= 10      T(  8)=     148       E(  8)=  14.
K(  9)= 20      T(  9)=     150
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 131.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220


 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50              G = 0.00
ZW= 15.50      AT STATION= 44.50             G = 1.41
ZW= 14.48      AT STATION= 79.50             G = 3.26
ZW= 13.48      AT STATION= 122.50            G = 5.07
THE V/A ZONE BOUNDARY STATION/EROSION= 136.50
THE CORRESPONDING ERODED AREA= 672.66
THE GROUND ELEVATION AT THE END OF EROSION LINE= 5.58


SHORELINE
STATION       SWL          HT          ZW
      0     10.50        8.19       16.23
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 13.52
ZW= 14.50   AT STATION= 31.96
ZW= 13.50   AT STATION= 50.41
ZW= 12.50   AT STATION= 68.85
ZW= 11.50   AT STATION= 87.29

OVERLAND FETCH
STATION       SWLF         DAVG         HT          ZW
    106      10.50         5.25         0.00       10.50
V/A ZONE BOUNDARY STATION = 67.01   SWL= 10.50
                          **********

TRANSECT COMPLETE
```

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                              WAVE HEIGHT ANALYSIS-MOD 1-15
**********************************************
*TRANSECT NO.          KB-2                   *
*COMMUNITY             KURE BEACH             *
*INPUTED BY:           HSU                    *
*DATE:                 5/3/84                 *
**********************************************


INPUT SCALE: 1 INCH= 200.00   FT.
STARTING SURGE ELEVATION= 10.50


DATA CODE          DISTANCE                  RELATED DATA
=========          ===============           ========================
K(  1)=  0         T(  1)=        0          
K(  2)= 10         T(  2)=        9          E(  2)=    2.00
K(  3)= 10         T(  3)=       30          E(  3)=    4.00
K(  4)= 10         T(  4)=       51          E(  4)=    6.00
K(  5)= 10         T(  5)=       61          E(  5)=    8.00
K(  6)= 10         T(  6)=       79          E(  6)=   10.00
K(  7)= 10         T(  7)=       93          E(  7)=   12.00
K(  8)= 10         T(  8)=      100          E(  8)=   14.00
K(  9)= 10         T(  9)=      105          E(  9)=   16.00
K( 10)= 10         T( 10)=      120          E( 10)=   18.00
K( 11)= 10         T( 11)=      295          E( 11)=   20.00
K( 12)= 20         T( 12)=      298
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 144.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220


 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50              G = 0.00
ZW= 15.48      AT STATION= 39.50             G = 1.44
ZW= 14.48      AT STATION= 65.50             G = 3.26
ZW= 13.49      AT STATION= 93.50             G = 5.07
ZW= 12.42      AT STATION= 105.50            G = 7.00
THE V/A ZONE BOUNDARY STATION/EROSION= 122.50
THE CORRESPONDING ERODED AREA= 679.46
THE GROUND ELEVATION AT THE END OF EROSION LINE= 8.01


SHORELINE
STATION        SWL          HT          ZW
      0      10.50        8.19       16.23
BREAKING WAVE
                           **********

ZW= 15.50   AT STATION= 10.55
ZW= 14.50   AT STATION= 24.95
ZW= 13.50   AT STATION= 39.35
ZW= 12.50   AT STATION= 53.75
ZW= 11.50   AT STATION= 68.15

OVERLAND FETCH
STATION        SWLF         DAVG        HT          ZW
     83       10.50         5.25        0.00       10.50
V/A ZONE BOUNDARY STATION = 52.31   SWL= 10.50
                           **********

TRANSECT COMPLETE
```

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                        WAVE HEIGHT ANALYSIS-MOD 1-15
*********************************************
*TRANSECT NO.        KB-3                     *
*COMMUNITY           KURE BEACH               *
*INPUTED BY:         HSU                      *
*DATE:               5/3/84                   *
*********************************************

INPUT SCALE: 1 INCH= 200.00   FT.
STARTING SURGE ELEVATION= 10.50

DATA CODE       DISTANCE              RELATED DATA
=========       ===============       ========================
K(  1)=  0      T(  1)=       0
K(  2)= 10      T(  2)=       3       E(  2)=   2.00
K(  3)= 10      T(  3)=      10       E(  3)=   4.00
K(  4)= 10      T(  4)=      24       E(  4)=   6.00
K(  5)= 10      T(  5)=      43       E(  5)=   8.00
K(  6)= 10      T(  6)=      52       E(  6)=  10.00
K(  7)= 10      T(  7)=      67       E(  7)=  12.00
K(  8)= 10      T(  8)=     106       E(  8)=  14.00
K(  9)= 10      T(  9)=     349       E(  9)=  16.00
K( 10)= 20      T( 10)=     351
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 157.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220


 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50              G = 0.00
ZW= 15.47      AT STATION= 16.50             G = 1.47
ZW= 14.49      AT STATION= 45.50             G = 3.24
ZW= 13.49      AT STATION= 69.50             G = 5.06
THE V/A ZONE BOUNDARY STATION/EROSION= 110.50
THE CORRESPONDING ERODED AREA= 672.23
THE GROUND ELEVATION AT THE END OF EROSION LINE= 6.02


SHORELINE
STATION        SWL          HT          ZW
      0      10.50        8.19        16.23
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 7.15
ZW= 14.50   AT STATION= 16.90
ZW= 13.50   AT STATION= 26.66
ZW= 12.50   AT STATION= 36.41
ZW= 11.50   AT STATION= 46.17

OVERLAND FETCH
STATION        SWLF         DAVG         HT          ZW
     56        10.50         5.25        0.00       10.50
V/A ZONE BOUNDARY STATION = 35.44   SWL= 10.50
                          **********

TRANSECT COMPLETE
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                    WAVE HEIGHT ANALYSIS-MOD 1-15
**********************************************
*TRANSECT NO.        KB-4                      *
*COMMUNITY           KURE BEACH                *
*INPUTED BY:         HSU                       *
*DATE:               5/3/84                    *
**********************************************

INPUT SCALE: 1 INCH= 200.00   FT.
STARTING SURGE ELEVATION= 10.50

DATA CODE       DISTANCE              RELATED DATA
=========       ===============       ========================
K(  1)=  0      T(  1)=       0
K(  2)= 10      T(  2)=      42       E(  2)=   2.00
K(  3)= 10      T(  3)=      51       E(  3)=   4.00
K(  4)= 10      T(  4)=      62       E(  4)=   6.00
K(  5)= 10      T(  5)=      92       E(  5)=   8.00
K(  6)= 10      T(  6)=      99       E(  6)=  10.00
K(  7)= 10      T(  7)=     106       E(  7)=  12.00
K(  8)= 10      T(  8)=     122       E(  8)=  14.00
K(  9)= 10      T(  9)=     147       E(  9)=  14.00
K( 10)= 20      T( 10)=     148
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 170.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220

 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50          G = 0.00
ZW= 15.45      AT STATION= 56.50         G = 1.50
ZW= 14.50      AT STATION= 93.50         G = 3.23
ZW= 13.47      AT STATION= 107.50        G = 5.09
THE V/A ZONE BOUNDARY STATION/EROSION= 141.50
THE CORRESPONDING ERODED AREA= 671.20
THE GROUND ELEVATION AT THE END OF EROSION LINE= 6.00


SHORELINE
STATION       SWL          HT          ZW
      0      10.50        8.19       16.23
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 12.89
ZW= 14.50   AT STATION= 30.47
ZW= 13.50   AT STATION= 48.05
ZW= 12.50   AT STATION= 65.63
ZW= 11.50   AT STATION= 83.21

OVERLAND FETCH
STATION       SWLF         DAVG         HT          ZW
    101       10.50        5.25         0.00       10.50
V/A ZONE BOUNDARY STATION = 63.87   SWL= 10.50
                          **********

TRANSECT COMPLETE
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```
                        WAVE HEIGHT ANALYSIS-MOD 1-15
*********************************************
*TRANSECT NO.          KB-5                  *
*COMMUNITY             KURE BEACH            *
*INPUTED BY:           HSU                   *
*DATE:                 5/3/84                *
*********************************************


INPUT SCALE: 1 INCH= 200.00   FT.
STARTING SURGE ELEVATION= 10.50


DATA CODE       DISTANCE              RELATED DATA
=========       ===============       ========================
K(  1)=  0      T(  1)=       0
K(  2)= 10      T(  2)=      18       E(  2)=   2.00
K(  3)= 10      T(  3)=      29       E(  3)=   4.00
K(  4)= 10      T(  4)=      55       E(  4)=   6.00
K(  5)= 10      T(  5)=      68       E(  5)=   8.00
K(  6)= 10      T(  6)=      82       E(  6)=  10.00
K(  7)= 10      T(  7)=      92       E(  7)=  12.00
K(  8)= 10      T(  8)=     117       E(  8)=  14.00
K(  9)= 10      T(  9)=     164       E(  9)=  14.00
K( 10)= 20      T( 10)=     167
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 183.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220


 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50              G = 0.00
ZW= 15.50      AT STATION= 39.50             G = 1.42
ZW= 14.50      AT STATION= 71.50             G = 3.23
ZW= 13.50      AT STATION= 93.50             G = 5.05
THE V/A ZONE BOUNDARY STATION/EROSION= 128.50
THE CORRESPONDING ERODED AREA= 670.96
THE GROUND ELEVATION AT THE END OF EROSION LINE= 6.00


SHORELINE
STATION       SWL         HT         ZW
      0      10.50       8.19      16.23
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 10.77
ZW= 14.50   AT STATION= 25.47
ZW= 13.50   AT STATION= 40.17
ZW= 12.50   AT STATION= 54.86
ZW= 11.50   AT STATION= 69.56

OVERLAND FETCH
STATION       SWLF        DAVG        HT         ZW
     84       10.50        5.25       0.00      10.50
V/A ZONE BOUNDARY STATION = 53.39   SWL= 10.50
                          **********

TRANSECT COMPLETE
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```
                    WAVE HEIGHT ANALYSIS-MOD 1-15
*************************************************
*TRANSECT NO.          KB-6                     *
*COMMUNITY             KURE BEACH               *
*INPUTED BY:           HSU                      *
*DATE:                 5/3/84                   *
*************************************************


INPUT SCALE: 1 INCH= 200.00   FT.
STARTING SURGE ELEVATION= 10.50


DATA CODE          DISTANCE              RELATED DATA
=========          ==========            ========================
K(  1)=  0         T(  1)=       0
K(  2)= 10         T(  2)=      20       E(  2)=    2.00
K(  3)= 10         T(  3)=      36       E(  3)=    4.00
K(  4)= 10         T(  4)=      42       E(  4)=    5.00
K(  5)= 10         T(  5)=      63       E(  5)=    8.00
K(  6)= 10         T(  6)=      83       E(  6)=   10.00
K(  7)= 10         T(  7)=      91       E(  7)=   12.00
K(  8)= 10         T(  8)=     128       E(  8)=   14.00
K(  9)= 10         T(  9)=     183       E(  9)=   14.00
K( 10)= 20         T( 10)=     186
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 196.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220


 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50              G = 0.00
ZW= 15.48      AT STATION= 38.50             G = 1.44
ZW= 14.47      AT STATION= 68.50             G = 3.27
ZW= 13.50      AT STATION= 92.50             G = 5.05
THE V/A ZONE BOUNDARY STATION/EROSION= 128.50
THE CORRESPONDING ERODED AREA= 674.84
THE GROUND ELEVATION AT THE END OF EROSION LINE= 6.00


SHORELINE
STATION        SWL          HT          ZW
      0       10.50        8.19        16.23
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 10.89
ZW= 14.50   AT STATION= 25.74
ZW= 13.50   AT STATION= 40.59
ZW= 12.50   AT STATION= 55.45
ZW= 11.50   AT STATION= 70.30

OVERLAND FETCH
STATION        SWLF         DAVG         HT          ZW
     85        10.50        5.25         0.00        10.50
V/A ZONE BOUNDARY STATION = 53.96   SWL= 10.50
                          **********

TRANSECT COMPLETE
```

```
                    WAVE HEIGHT ANALYSIS-MOD 1-15
*********************************************
*TRANSECT NO.        KB-7                     *
*COMMUNITY           KURE BEACH               *
*INPUTED BY:         HSU                      *
*DATE:               5/3/84                   *
*********************************************

INPUT SCALE: 1 INCH= 200.00   FT.
STARTING SURGE ELEVATION= 10.50

DATA CODE       DISTANCE              RELATED DATA
=========       ==========            ========================
K(  1)=  0      T(  1)=       0
K(  2)= 10      T(  2)=      17       E(  2)=   2.00
K(  3)= 10      T(  3)=      22       E(  3)=   4.00
K(  4)= 10      T(  4)=      42       E(  4)=   6.00
K(  5)= 10      T(  5)=      64       E(  5)=   8.00
K(  6)= 10      T(  6)=      74       E(  6)=  10.00
K(  7)= 10      T(  7)=     108       E(  7)=  12.00
K(  8)= 10      T(  8)=     219       E(  8)=  14.00
K(  9)= 20      T(  9)=     220
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 209.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220


 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50          G = 0.00
ZW= 15.49      AT STATION= 30.50         G = 1.42
ZW= 14.45      AT STATION= 67.50         G = 3.32
ZW= 13.50      AT STATION= 113.50        G = 5.05
THE V/A ZONE BOUNDARY STATION/EROSION= 128.50
THE CORRESPONDING ERODED AREA= 671.86
THE GROUND ELEVATION AT THE END OF EROSION LINE= 5.18

SHORELINE
STATION       SWL        HT        ZW
      0     10.50      8.19     16.23
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 10.58
ZW= 14.50   AT STATION= 25.01
ZW= 13.50   AT STATION= 39.45
ZW= 12.50   AT STATION= 53.88
ZW= 11.50   AT STATION= 68.32

OVERLAND FETCH
STATION       SWLF       DAVG       HT        ZW
     83      10.50       5.25      0.00     10.50
V/A ZONE BOUNDARY STATION = 52.44   SWL= 10.50.
                          **********

TRANSECT COMPLETE
```

```
                    WAVE HEIGHT ANALYSIS-MOD 1-15
*********************************************
*TRANSECT NO.        KB-8                     *
*COMMUNITY           KURE BEACH               *
*INPUTED BY:         HSU                      *
*DATE:               5/3/84                   *
*********************************************


INPUT SCALE: 1 INCH= 200.00   FT.
STARTING SURGE ELEVATION= 10.50


DATA CODE       DISTANCE              RELATED DATA
=========       ==========            ========================
K(  1)=  0      T(  1)=       0
K(  2)= 10      T(  2)=      18       E(  2)=   2.00
K(  3)= 10      T(  3)=      29       E(  3)=   4.00
K(  4)= 10      T(  4)=      37       E(  4)=   6.00
K(  5)= 10      T(  5)=      59       E(  5)=   8.00
K(  6)= 10      T(  6)=      81       E(  6)=  10.00
K(  7)= 10      T(  7)=      98       E(  7)=  12.00
K(  8)= 10      T(  8)=     127       E(  8)=  14.00
K(  9)= 10      T(  9)=     197       E(  9)=  14.00
K( 10)= 20      T( 10)=     208
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 222.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220


 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50          G = 0.00
ZW= 15.49      AT STATION= 32.50         G = 1.43
ZW= 14.49      AT STATION= 64.50         G = 3.24
ZW= 13.49      AT STATION= 99.50         G = 5.06
THE V/A ZONE BOUNDARY STATION/EROSION= 126.50
THE CORRESPONDING ERODED AREA= 671.19
THE GROUND ELEVATION AT THE END OF EROSION LINE= 5.99


SHORELINE
STATION      SWL        HT        ZW
    0      10.50      8.19      16.23
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 10.90
ZW= 14.50   AT STATION= 25.76
ZW= 13.50   AT STATION= 40.63
ZW= 12.50   AT STATION= 55.50
ZW= 11.50   AT STATION= 70.37

OVERLAND FETCH
STATION       SWLF        DAVG        HT         ZW
   85        10.50        5.25        0.00      10.50
V/A ZONE BOUNDARY STATION = 54.01   SWL= 10.50
                          **********

TRANSECT COMPLETE
```

```
                        WAVE HEIGHT ANALYSIS-MOD 1-15
*****************************************
*TRANSECT NO.        KB-9                 *
*COMMUNITY           KURE BEACH           *
*INPUTED BY:         HSU                  *
*DATE:               5/3/84               *
*****************************************


INPUT SCALE: 1 INCH= 200.00   FT.
STARTING SURGE ELEVATION= 10.50


DATA CODE       DISTANCE              RELATED DATA
=========       ===============       ========================
K(  1)=  0      T(  1)=        0
K(  2)= 10      T(  2)=       15      E(  2)=   2.0
K(  3)= 10      T(  3)=       21      E(  3)=   4.0
K(  4)= 10      T(  4)=       28      E(  4)=   6.00
K(  5)= 10      T(  5)=       52      E(  5)=   8.00
K(  6)= 10      T(  6)=       67      E(  6)=  10.00
K(  7)= 10      T(  7)=       73      E(  7)=  12.00
K(  8)= 10      T(  8)=       89      E(  8)=  14.00
K(  9)= 10      T(  9)=      121      E(  9)=  16.00
K( 10)= 10      T( 10)=      124      E( 10)=  18.00
K( 11)= 20      T( 11)=      126
CHANGE DATA THEN CONT 1180
STORE DATA THEN CONT 1220
OR JUST CONT EXEC

DATA STORED ON:
DISK NO.=N.C.#1
ENGINEER:HSU
BEGINNING AT FILE NO.= 235.00
FOR NEW DATA LISTING CONT 1180, OTHERWISE CONT 1220


 2.00
 3.60          2.20          1.80          4.50          9.00
 35.56
THE DEPOSITION AREA= 669.62
ZW= 16.28      AT STATION= 0.50              G = 0.00
ZW= 15.46      AT STATION= 24.50             G = 1.49
ZW= 14.50      AT STATION= 55.50             G = 3.23
ZW= 13.48      AT STATION= 74.50             G = 5.08
THE V/A ZONE BOUNDARY STATION/EROSION= 115.50
THE CORRESPONDING ERODED AREA= 678.31
THE GROUND ELEVATION AT THE END OF EROSION LINE=  83


SHORELINE
STATION       SWL         HT         ZW
      0      10.50       8.19      16.23
BREAKING WAVE
                          **********

ZW= 15.50   AT STATION= 8.75
ZW= 14.50   AT STATION= 20.70
ZW= 13.50   AT STATION= 32.64
ZW= 12.50   AT STATION= 44.58
ZW= 11.50   AT STATION= 56.52

OVERLAND FETCH
STATION       SWLF        DAVG        HT          ZW
     68      10.50        5.25       0.00       10.50
V/A ZONE BOUNDARY STATION = 43.39   SWL= 10.50
                          **********

TRANSECT COMPLETE
```