

DISK NO.=N.C NO: 9  
ENGINEER:DI RAMOS & YUEN

FILE NO.= 677.00

WAVE HEIGHT ANALYSIS-MOD 1-15

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\*TRANSECT NO. HN-4 \*  
\*COMMUNITY NEW HANOVER CO. \*  
\*INPUTED BY: DIRAMOS \*  
\*DATE: 11/4/81 \*  
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KB-10 (#10)

STARTING SURGE ELEVATION= 10.50

DATA CODE	DISTANCE	RELATED DATA
K( 1)= 0	T( 1)= 0	E( 1)= 0.00
K( 2)= 10	T( 2)= 37	E( 2)= 5.00
K( 3)= 10	T( 3)= 91	E( 3)= 10.00
K( 4)= 3	T( 4)= 401	
K( 5)= 10	T( 5)= 992	E( 5)= 10.00
K( 6)= 4	T( 6)= 1206	TYPE= 3
K( 7)= 10	T( 7)= 1249	E( 7)= 13.00
K( 8)= 20	T( 8)= 1736	

CHANGE DATA THEN CONT 1180  
STORE DATA THEN CONT 1220  
OR JUST CONT EXEC

6.00  
2.00 1.65 1.90 4.09 5.27  
64.00

THE DEPOSITION AREA= 784.57  
ZW= 16.28 AT STATION= 0.50 G = 0.00  
ZW= 15.48 AT STATION= 35.50 G = 1.44  
ZW= 14.50 AT STATION= 74.50 G = 3.23  
THE V/A ZONE BOUNDARY STATION/EROSION= 152.50  
THE CORRESPONDING ERODED AREA= 786.99  
THE GROUND ELEVATION AT THE END OF EROSION LINE= 4.00

SHORELINE  
STATION SWL HT ZW  
0 10.50 8.19 16.23  
BREAKING WAVE

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ZW= 15.50 AT STATION= 9.86  
ZW= 14.50 AT STATION= 23.31

OVERLAND FETCH  
STATION SWLF DAVG HT ZW  
37 10.50 8.00 4.29 13.50  
BREAKING WAVE

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ZW= 13.50 AT STATION= 36.78  
ZW= 12.50 AT STATION= 56.80  
ZW= 11.50 AT STATION= 76.83

OVERLAND FETCH  
STATION SWLF DAVG HT ZW  
91 10.50 3.00 0.39 10.77  
V/A ZONE BOUNDARY STATION = 54.80 SWL= 10.50  
BREAKING WAVE

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OVERLAND FETCH  
STATION SWLF DAVG HT ZW  
401 10.50 0.50 0.39 10.7

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VEGETATION-TYPE 3.00  
STATION SWL HV DF DAVG R HT ZW  
601 10.50 0.50 0.50 0.50 0.025 0.15 10.60  
801 10.50 0.50 0.50 0.50 0.025 0.09 10.56  
992 10.50 0.50 0.50 0.50 0.025 0.07 10.55  
1035 10.50 0.48 0.00 0.48 0.024 0.00 10.50  
BREAKING WAVE

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TRANSECT COMPLETE