PART 4: TAW

Input Paramters:
     TWL- 9.19 feet
     HS- 4.9688 feet
     PER- 13.8709 seconds
     TOE- x: 87 , z: 3.4902 feet
     TOP- x: 160 , z: 15.5739 feet
     GBERM-   0.93233
     GGROUGH- 0.8
     GBETA-   1
     GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/YK-14-DIARY.txt

CHECKING VALIDITY:
...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 22.7237 feet

PART 4 COMPLETE_____