```
PART 4: TAW

Input Paramters:

TWL- 9.0268 feet
HS- 3.5425 feet
PER- 6.337 seconds
TOE- x: 10 , z: 2.774 feet
TOP- x: 42 , z: 15.0282 feet
GBERM- 0.98563
GGROUGH- 0.75
GBETA- 1
GPERM- 1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/YK-05-DIARY.txt

CHECKING VALIDITY:
...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 17.4332 feet
```