

Amplitude of a wave:
The Amplitude of a wave is the maximum displacement from the REST or EQBM position.

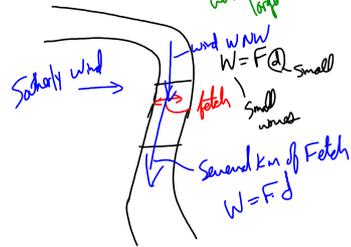


What determines the amplitude of a wave?
f?
Wavelength?
V?
T?

no effect.
Wind Speed
"Fetch"

Amplitude is only determined by the energy input into the wave: $W = F \cdot d$
F is the Force of the wind
d is **FETCH** - The distance over the water that the wind blows.

large work done on the water surface means longer Amp waves



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