

WAVE TERMINOLOGY: Frequency, Period, Wavelength, Velocity.

Period (T) : The time for one complete cycle. The unit is seconds (s)
 Frequency (f) : The # of complete cycles or vibrations per second. The unit is Hertz (Hz)

$f = \frac{1}{T}$ $T = \frac{1}{f}$ so... $\frac{1}{\text{Sec}} = 1 \text{ Hz}$

Consider a snapshot of a wave: (label crest, trough, wavelength)

Wavelength (λ) :
 Distance between SUCCESSIVE, IN-PHASE points in a wave.
 The greek letter "LAMBDA" is used as the symbol for wavelength.

Amplitude
 Displacement from rest (Equilibrium) position
 + Amplitude
 - Amplitude

Big Amp
 Small Amp

Dec 13-9:36 AM