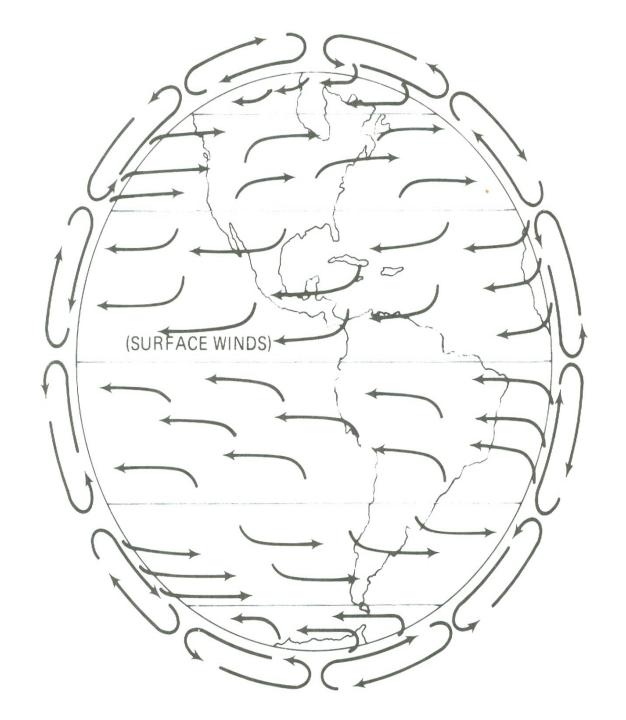
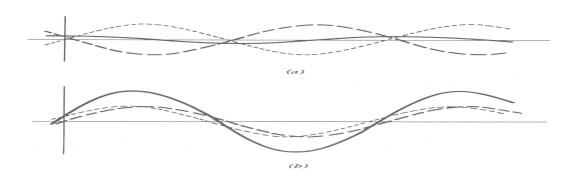
Wind drives Waves

Determined by:

- 1. Velocity
- 2. Fetch
- 3. Duration [time]





Elliptical water wave

The wave moves with a given speed but the water does not.

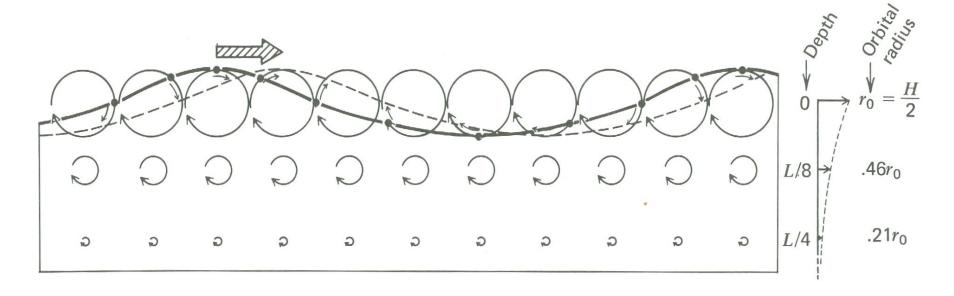
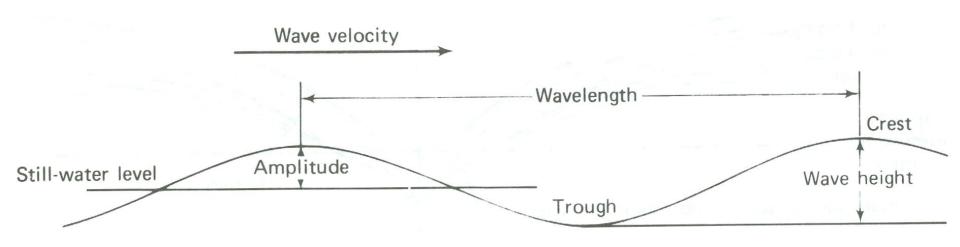


Diagram of a wave



L = Wavelength

H = Height

T = Period; time from crest to crest

Wave Velocity = .6 x L ft /T sec example:

.6 x 100ft/5sec = 12 kts [.6 converts ft/sec into knots]

Wavelength = Wave Velocity x Tsec/.6

