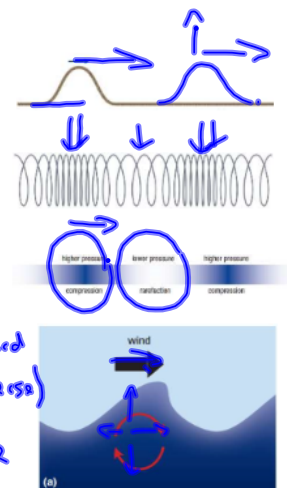


SPH3U 8.2 Types of Mechanical Waves

## 1. Types of waves

①	<u>Transverse wave:</u>	vibration is <u>perpendicular</u> to the direction of energy flow.
②	<u>Longitudinal wave:</u>	vibration is <u>parallel</u> to the direction of energy flow.
	waves in gases	(i.e. sound) longitudinal.
	sound	involve compression and rarefaction. longitudinal. air is vibrating forward and backward. (in solids, it's also transverse)
	complex wave motion	transverse + longitudinal at the same time.



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