**Vocab 10 - Tides, Weather and Climate**

**1. Tide(s)** – the periodic rise and fall of the waters of the ocean, produced by the gravitational pull of the moon and sun, occurring about every 12 hours.

**2. Current(s)** - a body of water or air moving in a definite direction.

**3. Latitude** - an imaginary line that circles the Earth, and is parallel to the equator.

**4. Air masses** - a body of air with horizontally uniform temperature, humidity, and pressure.

**5. Weather** - the state of the atmosphere at a place and time as regards heat, dryness, sunshine, wind, rain, etc.

**6. Climate** - the weather conditions prevailing in an area in general or over a long period.

**7. Altitude** - the height of an object in relation to sea level or ground level.

**8. Convection** – takes place when heated molecules move from one place to another, taking heat with them. Convection is common in both the atmosphere, and the ocean

**9. Rotation** - the act or process of moving or turning around a central point.

**10. Capacity** - the largest amount or number that can be held or contained.