

5 Water Facts

1 Water is unique in that it is the only natural substance that is found in all three physical states at the temperatures normally found on Earth.



Liquid



Solid



Gas

2 Water freezes at 32° Fahrenheit (F) and boils at 212°F (at sea level, but 186.4° at 14,000 feet).

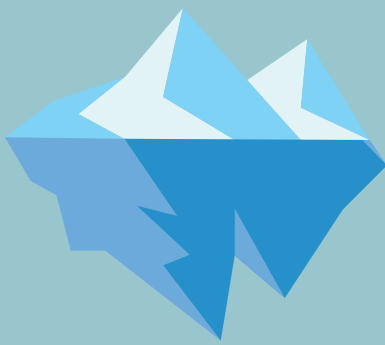


32° F



212° F

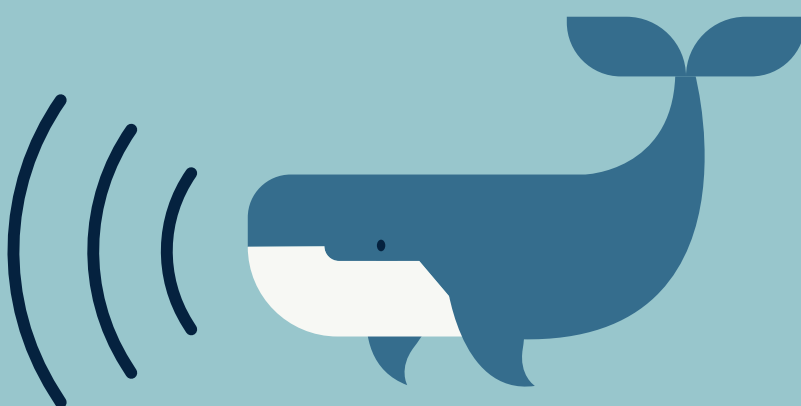
3 Water is unusual in that the solid form, ice, is less dense than the liquid form, which is why ice floats.



4 The water molecule is adhesive, meaning water molecules tend to stick to molecules of other substances.



5 The density of water means that sound moves through it long distances (ask a whale!).



In sea water at 30°C, sound has a velocity of 1,545 meters per second (about 3,500 miles per hour).