OVERVIEW

How is it measured?

Sea level rise is measured by satellites, ships, buoys, and by local tide gauges along the coast. With the global trend clear that sea levels are rising, at an average rate of about 3.2 mm per year, it has been observed that different coastal areas are experiencing different effects of rising sea levels. The effect of rising sea levels is measured by the change in the ocean level, and the change in ocean levels is related to the change in atmospheric pressure. The effect of a change in atmospheric pressure is measured by the change in the barometric pressure, and the change in barometric pressure is related to the change in ocean level. The change in ocean level is measured by the change in the depth of the ocean, and the depth of the ocean is measured by the change in the water level. The change in water level is measured by the change in the water depth, and the change in water depth is related to the change in the volume of water. The change in volume of water is measured by the change in the area of the ocean, and the change in area of the ocean is related to the change in the depth of the ocean. The change in depth of the ocean is measured by the change in the thickness of the ocean, and the change in thickness of the ocean is related to the change in the volume of water.

REFERENCES