

March 13.—Third Lecture, "Air and Atmospherical Phenomena."

Air, its Composition, Extent, Elasticity.—Marriott's Law.—Pressure.—Temperature and Humidity.—Barometers, Construction and Use.—Pumps.—Air Guns.—Balloons and Diving Bells.—Winds, their Causes, Force, and Velocity.—Trade Winds.—Monsoons.—Simooms.—Whirlwinds.—Hurricanes and Calms.

March 20.—Fourth Lecture, "Water and Aqueous Phenomena."

Water, its Physical Condition, Amount, different degrees of Purity.—Its Pressure equal in every direction, and in proportion to its depth.—The "Paradox" and Hydraulic Press.—Water seeks its Level.—Aqueducts.—Canals.—Specific Gravity of Solids.—Liquids.—Gases.—Hydrometers.—Springs.—Artesian Wells.—Rain, distribution and Amount.—Rainy Seasons.—Rainy and Rainless Regions.—Fogs.—Clouds.—Dew.—Hoarfrost, and Snow.

Tickets for the Course—To Members of the Institute, 5s. ; Non-members, 10s. ; Ladies and Junior Members, 2s. 6d. For a Single Lecture—Members, 7½d. ; Non-members, 1s. 3d. ; Ladies and Junior Members, 7½d.