

INTRODUCTION.

Ground temperature has been little studied, though the existing observations prove that the material gathered is quite as interesting as that concerning the temperature of the atmosphere and of the sea, and may lead to conclusions just as practical as that derived from the sea and the atmosphere.

The temperature of the ground is the most regular as to distribution and the most conservative in its changes. The subsoil of Manila is probably changing its thermic conductivity, as under the surface of the earth the water changes its level during the year, about 5 feet; that is, from a depth of about 4 to 8 feet. Underground temperature has been regularly observed in Manila since the year 1895 with four thermometers placed 59.06 inches, 29.53 inches, 17.72 inches, and 13.78 inches below the surface of the ground. Position of thermometers may be seen in Figure I.