

while in the temperate zone, on the contrary, the springs are warmer than the air. The excess of temperature of springs, as compared with the mean annual temperature, goes on increasing with the latitude ; so that, between 60° and 70° of latitude, this excess amounts to from 5° to 7°. Other things being the same, the temperature of springs varies considerably, according to their copiousness ; as a large body of water, will be less liable to be influenced by the surrounding soil, than a smaller body of water ; and may even, in turn, influence the temperature of the soil itself.

The subject of *thermal springs*, as intimately connected with the history of volcanoes, belongs to the Geologist.

We have thus enumerated the principal circumstances connected with the distribution of temperature upon the surface of the earth, and at such parts below the surface as are within our reach. We now come to the second great division of the subject of climates ; viz., climate as depending on the atmosphere.