

electrical phenomena. During storms of such degree of severity, hail-stones have sometimes fallen of enormous magnitude, and often of an irregular shape, as if they were the fragments of a thick sheet of ice suddenly broken : a supposition which alone will explain the formation of angular masses, many inches in size, and many pounds in weight. The production in the middle of summer of the intense cold which is thus indicated, is a puzzle, philosophers have been unable to solve.

*Of the actual Quantity of Water that is evaporated and condensed over the Globe.*—Before we close the subjects of evaporation and condensation, it remains to make a few observations on the actual quantity of water that is evaporated and condensed over the globe.

From the principles we have stated, it will appear, that the quantity of water evaporated and condensed over the globe, may be supposed to vary with the mean temperature, and consequently with the latitude. The following table shows the general truth of this supposition ; and that the average quantity of rain diminishes from the Equator to the Poles. In fact, a much larger quantity of rain must fall in the Equatorial, than in the Polar regions, as is sufficiently proved by the magnitude of the rivers within the Tropics ; for the size of the rivers of course depends on the quantity of the rain ; the rivers