

Busse, of Bridgewater, from which the island obtained the name of Buss. This then, I believe, is the last account we have of this mysterious island, whose supposed ruins we have this afternoon been trying to find.

Whilst sounding to-day, we availed ourselves of the opportunity thereby afforded, of ascertaining the temperature of the sea, at as great a depth as it had perhaps ever been obtained before. A self-registering thermometer was tied to the sounding line at the distance of ten fathoms from the lead, or rather the clamm*; for it was the instrument used on this occasion. Allowing, then, that there were one hundred fathoms of stray-line or inclination from the perpendicular, which I think is the utmost that could be, the thermometer must have gone upwards of one thousand fathoms below the surface. The temperature indicated by it at this depth was $45\frac{1}{2}^{\circ}$, the temperature of the water at the surface at the same time being $48\frac{1}{2}^{\circ}$, and the air $49\frac{1}{2}^{\circ}$.

Friday, 28th. — We found to-day the temperature of water brought from the depth of one hundred and thirty fathoms by Dr. Marcett's Water Bottle † to be $48\frac{1}{2}^{\circ}$, both the air and sea at the surface being at the time 49° .

Monday, 31st. — We tried yesterday and to-day ‡

* This instrument is interded to bring up a greater quantity of sounding, (that is, of the mud, &c. at the bottom) than the usual arming of the lead was capable of bringing up.

† The use of this machine is to bring water up from the bottom, or indeed from any other depth that a person may require; for the shot or weight that shuts the bottle is not let go until it is at the bottom, or at the depth that the water is to be brought from.

‡ Our latitude yesterday at noon was $57^{\circ} 46'$ N. and longitude $29^{\circ} 09'$ W., and to-day latitude $58^{\circ} 13'$ N. and longitude $30^{\circ} 20'$ W.