

and badly paved. The churches are full of ornaments, with pictures and images of saints. The infirmary also is a good piece of architecture, and one of the most considerable in this place. There are many high hills in this island; Porto Ruivo in particular is near 5,100 feet high. To a certain height these hills are covered with vines, above which are numbers of chestnuts and pine trees; and above these again whole forests of various sorts of trees. The number of inhabitants in Madeira are computed to amount to about 10,000; and the custom-house duties produce to the king of Portugal, a revenue of 20,000*l.* a year. The currency of the island is in Spanish.

On the 19th of September we sailed from Madeira, and on the 21st we saw the islands called the Salvages, northward of the Canaries. The principal of these was about five leagues to the south half west. On the 23d the Peak of Teneriffe bore west by south half south. The height of this mountain is 15,396 feet, which is but 148 yards less than three miles.

On the 7th of October Mr. Banks went out in a boat, and caught what our sailors call a Portuguese man of war; together with several shell fishes, which are always found floating upon the water.

On the 25th we crossed the line with the usual ceremonies; and as provisions by this time began to grow short, we resolved to put into the harbour of Rio de Janeiro; and on the 8th of November we saw the coast of Brazil. We stood off along shore till the 12th, having in view successively Cape Thomas, and an island just without Cape Frio, and then made sail for Rio de Janeiro on the 13th in the morning.

On the 14th Capt. Cook went on shore, and obtained leave