

Havannah; and to prove by an exact comparison with other points alike distant from the equator, for instance, with Rio Janeiro and Macao, that the lowering of temperature observed in the island of Cuba is owing to the irruption, and the stream of layers of cold air, borne from the temperate zones towards the tropics of Cancer and Capricorn. The mean temperature of the Havannah, according to four years of good observations, is 25.7° (20.6° R.), only 2° cent. above that of the regions of America nearest the equator. The proximity of the sea raises the mean temperature of the year on the coast; but in the interior of the island, when the north winds penetrate with the same force, and where the soil rises to the height of forty toises, the mean temperature attains only 23° (18.4° R.), and does not exceed that of Cairo and Lower Egypt. The difference between the mean temperature of the hottest and coldest months, rises to 12° in the interior of the island; at the Havannah, and on the coast, to 8° ; at Cumana, to scarcely 3° . The hottest months, July and August, attain 28.8° , at the island of Cuba, perhaps 29.5° of mean temperature, as at the equator. The coldest months are December and January; their mean temperature, in the interior of the island, is 17° ; at the Havannah, 21° , that is, 5° to 8° below the same months at the equator, yet still 3° above the hottest month at Paris.

It will be interesting to compare the climate of the Havannah with that of Macao and Rio Janeiro; two places, one of which is near the limit of the northern torrid zone, on the eastern coast of Asia; and the other on the eastern coast of America, towards the extremity of the southern torrid zone.

The climate of the Havannah, notwithstanding the frequency of the north and north-west winds, is hotter than that of Macao and Rio Janeiro. The former partakes of the cold which, owing to the frequency of the west winds, is felt in winter along all the eastern coast of a great continent. The proximity of spaces of land, covered with mountains and table-lands, renders the distribution of heat in different months of the year, more unequal at Macao and Canton, than in an island bounded on the west and north by the hot waters of the Gulf-stream. The winters are therefore much colder at Canton and Macao than at the