PERIODS OF GREATEST DISTURBANCE

English Channel, Irish Sea, and Atlantic Seaboards	November–February.
North Sea	January–April.
Cyclones in Indian Ocean	May–November.
Typhoons in China Sea	June–November.
Hurricanes in Caribbean Sea	July–October.
Hurricanes in South Seas	January–April.

The genesis of wave disturbance is wind action, and long-continued wind records are, therefore, of much value, but it

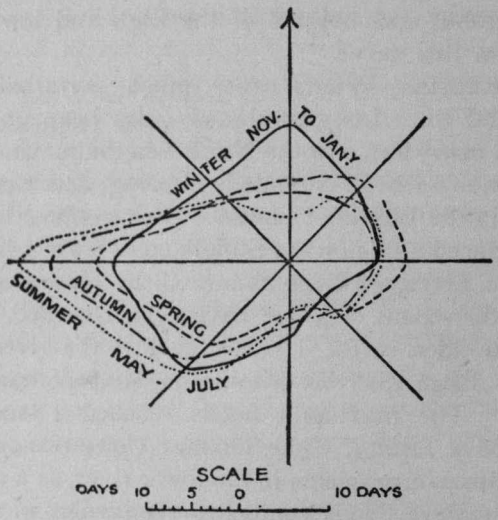

Fig. 2.—Diagram showing average Prevalence of Winds at Newhaven, 1847–83

must be borne in mind that they furnish little clue to the effect produced by periodic storms of exceptional severity. Diagrams of the average prevalence of winds, as shown in fig. 2, should be plotted, where the necessary data are obtainable. In a paper by Dr. Stanton, "On the Resistance of Plane Surfaces in a Uniform Current of Air",[1] much accurate observation in respect of wind velocities is collected.

Probably 90–100 miles an hour is the extreme limit of wind velocity. The pressure due to wind force is constantly fluctu-

[1] *Proc. Inst. C. E.*, Vol. CLVI, pp. 78–139.