

Cycle of 10 years from 1832 to 1841.

Thermometric Results.

	Fahr.
Mean Annual Temperature.	48 ^o ·82
Greatest ditto (1834)	52·76
Least ditto (1838)	46·06
Range for 10 years of Mean Annual Temperature. .	6·70
Average daily range for 10 years	9·37
	in.
Average fall of rain of 10 years	22·89
Average fall of rain of 19 years	23·95
Greatest quantity of rain fell in 1849.	32·19
Least quantity in 1832	15·29

Mean Monthly Temperature of Sea at Scarborough.

	Temperature of Sea.	Mean Tempe- rature of Air for the Month.	General Mean of Monthly Temperature of Air.	Difference of Sea and Gene- ral Mean Monthly Temperature of Air.	No. of Ob- servations.
1853.					
April	42·25	43 ^o	45·40	-3·15	4
May	50·00	50	51·20	-1·2	14
June	53·18	60	57·40	-4·22	11
July	55·85	63	61·60	-5·75	7
August	56·75	64	59·80	-3·05	8
September...	55·14	57	57·20	-2·06	7
October	52	53	50·40	+1·60	9
November....	48	46	45·60	+2·40	6
December....	43·50	38	42·30	+1·30	8
1854.					
January	40·52	37·82	39·40	+1·12	25
February	41·21	39·17	40·60	+·61	23
March	42·76	45·80	41·20	+1·56	15
Whole Year	48·43	40·73	49·30		137

N.B. The Mean Temperature of the Sea is deduced from observations chiefly taken at 9 A.M. throughout the year 1853; those of 1854 were taken in the afternoon, about 4 o'clock.

A comparison of the Temperature of the Month with the general mean, will show the mean difference of the month with the observed temperature of the sea; for instance, the month of March of the present year is in excess above the average, and makes it appear that the observed temperature of the sea is less than the mean temperature of the air, which is not the case in an average of years.

The Thermometer generally showed a higher temperature on a