

we may commence our investigation at York, the central station. By the observations of my late ingenious friend Mr. Jonathan Gray, continued for a quarter of a century from the year 1800, we obtain the following thermometric results:—

	Fahr.
Mean or average annual temperature	48°·2
Greatest annual temperature observed	50·8
(It occurred in 1800.)	
Least annual temperature observed	44·7
(It occurred in 1816.)	
Range of annual temperature thus obtained	
in 25 years	6·1

The mean temperature of springs at York appears to be the same as that of the air, viz. 48°, or a little more. This in fact is nearly the mean annual temperature at places not much above the level of the sea along all the eastern side of the kingdom between the basin of the Thames and the valley of the Forth.

The distribution of temperature in the different months of the year may be next stated.

	General mean of monthly temp.	Greatest mean monthly temp.	Least mean monthly temp.	Range of mean monthly temp.
January	34°·8	41°·1	25°·7†	15°·4
February ..	37·3	41·6	31·3	10·3
March	40·7	44·6	34·7	9·9
April	47·6	53·7	43·3	10·4
May	54·5	60·6	48·3	12·3
June	59·2	62·8	54·7	8·1
July	62·0	69·5*	58·0	11·5
August	61·1	66·9	56·5	10·4
September..	55·7	60·4	51·8	8·6
October	48·2	53·0	42·8	10·2
November..	40·9	46·2	35·8	10·4
December ..	36·0	43·0	31·7	11·3
Means..	48·2	53·6	42·9	10·7

January is the coldest and most variable month, being some-

* In 1814.

† In 1807.