

It is rather by warming the night hours than by cooling the day hours, that the beneficial action of the sea is apparent on our littoral climate, which on the whole year is somewhat warmer than the inland climate.

We may now compare the temperature of York with that of a selected number of places around it, as Durham, Newcastle, Carlisle, Kendal, Manchester, Derby, Nottingham.

Mean annual temperature.								
	York. 1800 to 1824.	Durham. 1843 to 1847.	New- castle. 1847.	Carlisle. 1801 to 1824.	Kendal. 1823 to 1847.	Man- chester.	Derby. 1846 to 1848.	Notting- ham.
	48·2	46·4	49·2	47·4	45·2	48·8	49·1	50·0
Mean of the warmest year.								
	50·8	48·7	...	49·0	48·9			
Mean of the coldest year.								
	44·7	44·8	...	45·1	44·8			
Mean temperature of the four critical months.								
	York.	Durham.	Newcastle.	Carlisle.	Kendal.	Manchester.	Derby.	Nottingham.
Jan.	34·8	37·5	36·9	37·6	34·9	36·9	35·1	37·5
April	47·6	44·1	44·7	45·1	45·0	46·6	43·6	47·4
July	62·0	59·4	63·8	59·2	58·6	60·2	63·9	66·4
Oct.	48·2	46·5	50·4	48·4	47·4	50·5	50·7	48·5

Temperature of the hottest part of the day on the average of the year.

York.	Durham.	Derby.
52·9	52·8	57·3

On the warmest day.

84·0	84·5	81·0
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On the coldest day.

19·0	27·0	32·0
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Temperature of the coldest part of the night on the average of the year.

40·9	41·1	40·8
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On the coldest night.

0·5	14·0	11·0
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On the warmest night.

65·0	62·3	62·0
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The results which have now been stated relate to the temperature of the air at elevations not greatly above the level of the