England, if sensibly conducted and properly understood, has no rival in the affections of those who are able to appreciate its pleasures. Why is it that after these spells of country life, these great draughts of exercise, these trampings through the turnips, and this being brought face to face with nature in the calm evening of the year, that men, usually so still and reserved, come back to the club with the theory has been briefly stated as follows: In to be unused, eating with appetite, and taking their pleasure rationally, telling their adventures with relish, and going to the play with the light heart of Colonel Newcome! Because they have to a certain average annual amount, and vice versa. The extent been lumanized by the daily round of a statistics of India in this regard have proved country-house existence, and have learned to value to be particularly valuable. In other parts the refining influence of the society of their mothers of Asia but little information has been obtained and sisters, their wives and children, and of many ed for or against the theory. In China, where more good women whose presence can but be action as many accurate and interesting records have the social delibration or feelbookship as the province of more good women whose presence can one as so many accurate and interesting according knowledged in crowded ball-rooms or fashionable as been kept for many centuries concerning semblies of a London season. Add to country-house other subjects of great value to science, but life, with its merriment and music, its excursions little attention has been paid to minute details a subject of the state and rides, its shooting and theatricals, the genial of meleorology. Foreigners, however, residing to Tables I and II we find that charm of fine weather, and may be much of the sortin that country have of late years accumulated: "(1) The number and nature ten and forgiven at its close.

Thermometer Pantaloons.

Hoffenstein was busily engaged scolding and rainfall in that city from 1843 to 1877.

Herman for not publishing a lot of cheap Mr. Hosie, who is a pains taking and jewellery there was in the show case, when scholarly gentleman, in explanation of his a stoop-shouldered countryman entered and tables says: In the second, third and fourth inquired—"Have you got any good jean pants columns of table No. 1, Wolfe's relative sunhere?" "Certainly, my frent," replied spot numbers are so arranged that the years Hoffenstein, "ve makes a specialty of goods in of maximum sun spot fall in the sixth year; Hoffenstein, "ve makes a specialty of goods in of maximum sun spot fall in the sixth year; with the maximum sun-spot year, or fifth year dot line, and ve defy competition. If ve sell the result of which is that three cycles are of the mean cycle, is moved up so as to coincide dot line, and ve defy competition. If ve sell the result of which is that three cycles are of the mean cycle, is moved year, or fifth year dot line, and you don't like it you gets your formed from 1843 to 1877, both inclusive. In spots and rainfall will coincide in every parmoney back or someding else in explanation of the summary of the three cycles are dotted. anyding und you don't like it you gets your money back or someding else in exchange, you know. Ves you a farmer?" "Yes, sir, I live up on Red River." "Vell, den, you need a pair of bants like dese," said Hoffenstein, pulling out a sky-blue pair from a pile of clothing on the counter; "dey vas de genervine doeskin, und vil last de whole year oud, you know." The countryman took the pantaloons to the light, examined the texture of cloth, and then shaking his head knowingly said: "There's too much cotton in them; and the third mean, forms the second year of the yeil shrink." "Of course, my frent, dey vil shrink, but vait and I tells you someding."

formed from 1843 to 1877, both inclusive. In the part spots and rainfall will coincide in every part the fifth column the means of the three cycles ticul r; that is to say, years of maximum sunspants to leaven years, which has spots will be years of maximum rainfall, and found a nean cycle of eleven years, which has trice versa, and the variations will be found, in maximum years at least, to increase and deceived referred to, the mean of the first and the first year of the mean and the second mean, forms the first year of the mean of the eleventh years of the mean infall cycle, or from the maximum to the minimum rainfall cycle, or from the maximum to the minimum rainfall years, tht gradations are well marked, and in the sixth column will be years of maximum sunspants to leaven years. The mean of the first and the three crease in almost the seen that from the sixth to the eleventh years of the mean fall years, the gradations are well marked, and in the sixth column will be years of maximum sunspants to say, years of maximum sunspants to leaven years. The mean of the first and the three means obtained from the first year of the mean of the eleventh years of the mean fall years, the gradations are well marked, and in the sixth column will be years of maximum rainfall and the three means obtained from the first year of the mean of the eleventh years of the mean fall years, t vil shrink, but vait and I tells you someding. If a man vat owns a bank or keeps a store comes here, I don't sell him dem kind of term of what is called the 'mean cycle' is Vy? Because they vas made expressly for de farming business. Dey vas de dermometer bants, and a blessing to every farmer vat vears a pair uf dem. Do you know my frent, these bants vill dell you exactly vat the vedder vill be. Ven it vas going to be vet und cold dose bants vill begin to shrink up, and ven it was going to be dry und warm dey comes right down, you know. Dree years ago sell a pair of dem to a man vat vas name Vikins, und eser since den he makes good crops ven de oder people don't make noding, because he always knows by his dermometer bants vat de vedder vill be. After a vile de bants vat de vedder vill be. After a vile de people in de neighborhood finds oud de segred ut Vilkins' success, und at de beginning uf zeeding, you know, dey comes for dirty miles around und uf de see Vilkins bants crawling up his legs dey holds off und vaits for a change, but it his bants was down dey goes right back home, and put in de crop. Dink uf it, my frent. Mid de dermometer bants you can dell exactly ven to but in cabbage seed und wheat dwice as better as mit any almanac, besides yen de vedder gets so cold and vet dot de ven de vedder gets so cold and vet dot de bants goes under your sims, you can sew buttons on de front und vear dem as a vest" When Hoffenstein finished his yarn concerning the pantaloons the countryman smiled, and turning abruptly on his heel, left the store. "Did you see de vey dot man acted, Hermin?" said Hoffenstein, angrily. "Yes, sir," replied the clerk. "Vell, it shust shows dot de more you try to help some peoples along, de more you don't get any thanks for

Sun Spots and Rain-fall.

(From Commercial, Cin., O.)

A theory largely accepted by scientists, that there is a close relation between sunspots and rainfall, is reinforced by meteorological observations in different parts of the world. The theory has been briefly stated as follows: In considerable information upon that subject. I tions from the means are precisely the same Mr. Alex. Hosie, M.A., of the British Legation in both. at Peking, has recently prepared and published tables thowing the connection of sun spots

At p. 564 of Nature, for September 26, 1878, Mr. Meldrum thus expresses it. "The first obtained from the expression a+b+c, where a, b, c, are the means of the sun- 4 spots for the first, second and third years of the thirb, c, are the means of the sun- 4 The seventh column of either table shows the deviations from the mean value of the sunspots and rainfall, respectively, for the mean cycles of eleven years. These mean cycles have been formed with a view to reducing the effects of what are called "accidental irregularities." The falls for the years 1856'59 and 1862 are lacking.

TABLE I. Wolf's Sun-spot Numbers. [Maximum years in the sixth line.]

Year.	1915-1835	1855-1867	1865-1877	Means.	Monn Cycle	Variation.	Year of Cycle
1 3 6	13.1 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19	550 236 550 550 550 550 550 550 550 550 550 55	31.4 14.7 30.5 131.8 131.8 131.8 143.0 17.0	######################################	15.8 27.6 23.4 56.3 104.6 57.1 78.6 51.5 30.4 17.1	- 4875.23.55 - 4875.23.55 - 1882.23.55 - 1882.23 - 1882.2	1 2 3 3 4 5 5 6 9 10 10 10 10 10 10 10 10 10 10 10 10 10

TABLE II.

Peking Rainfall, 1843 to 1877.

Year.	1843-1856.	1455-1467.	1965-1877.	Means	Mean Cyclo	Variation.	Year of Cycle
1 2 4 5 6 10 11 11 12	00798864866593990 20138993886593990 20138993886593990	200	15.5 10.0 15.2 16.0 22.3 16.0 30.1 44.9 30.0 25.5 17.5 10.3	2173508554 2072312654 207231265 207231265	0 8 8 3 5 0 2 5 5 6 7 1 5 6 7	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

"From a comparison of the seventh columns

"(1 \ The number and nature of the devis-

"(2) The maximum rainfall year immediately follows the maximum sun-spot

"This 'lagging behind' of the rainfall is not peculiar to the maximum year, but will be found to pervade the whole cycle, for if the maximum rainfall year, i. c., the sixth year of the mean cycle, is moved up so as to coincide

During the month of August the highest temperature at Cincinnati was 80° on the 6th the lowest 583° on the 11th. The prevailing wind was southeast. The were 7 clear and 13 fair days, and rain fell on fifteen days. The teen years, the remaining terms being obtain summer, now virtually ended, has upon the ed in a similar manner." The same plan has whole been a pleasant one, and the following been followed in the construction of Table 2. figures thow its record in respect to temperature and rainfall as compared with past years :

	June		July		August.	
	Tem.	Rain	Tem.	Rain	Te:n.	Rain
1871 1872 1873	• • • •		77.1	2.78	79.4	6.05
1572	74 7	3 81	79 3	7 Ó1	78 1	2.21
1873	77 3	3 58	77 7	3 91	75 8	4 60
1974	79 0	2 38	29 2 77 1	3 42	77 9	1 (3
1875	72 9 75.3	4 83	ī 1	9 63	71.2	3 17
1876 1877		6.53	79.6 77.2	6.91	76.5	7 38
1877	74.0	5 24	77.2	4 25	74 5	2.26
187S	70.0	5.03	S0.6	4.32	77.5	1 11 11.72
1879.	73.1	5 22	Si.3	2.75	72.6	11.72
1880	74 2	9.56	76 6	2.46	76 2	4.01
1881	73 4	7 52	S0.8	3 12	79.5	76
1552	73 3	4 31	74.4	2.91	74.3	5 73

This gives a general average temperature at Cincinnati of 74.3 of for the month of June, 78.4 for July, and 76 of for August.

Harnessing the Wind.

We don't mean to say that any one can literally harness the steeds of the wind, but we would tell our readers that Vennor fully describes their course and the state of the weather for the coming year. The Vennor Calendar for 1883 is a valuable book, and will be sent by A. Vogeler & Co., Baltimore, Md., who control it, to any address, upon receipt of 10cts.

The qualities we possess never make us so ridiculous as those we pretend to have.