

ABOUT THE WEATHER.

Popular Farmer Dunn's Book.

ON METHODS FOR FORECASTING IT.

(New York Times.)

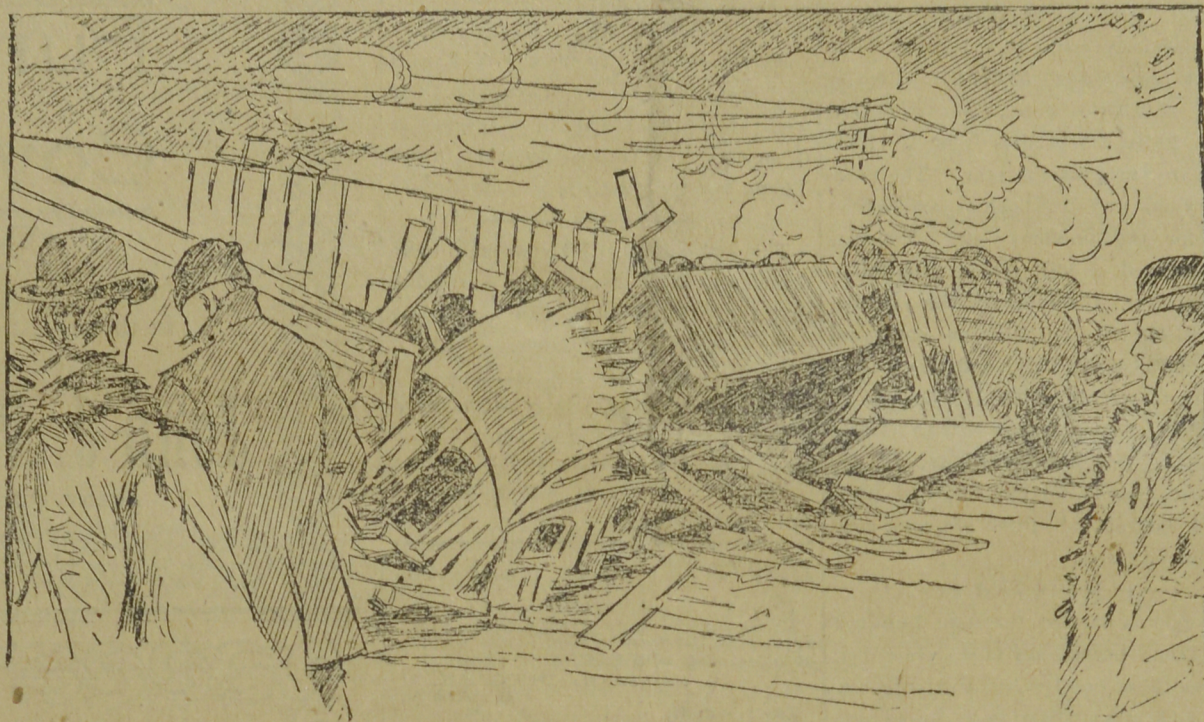
One of the curiosities of literature is the fact that the subject to which the human race devotes the greatest part of its conversation—the weather—has been neglected in the writing of books. You might think that people would want to read about the subject that engrosses so large a part of their attention, but hitherto the inquirer at libraries, when he asked for a book about the weather, has been met either with looks of respectful astonishment or has had only the most meagre lay-out of books provided for his enlightenment. And this, too, in a country which furnishes more remarkable varieties of weather than almost any other.

Now, however, this want has been supplied by Mr. E. B. Dunn, long and familiarly known to New Yorkers as "Farmer" Dunn, who, when forecast official in charge of the United States Weather Bureau in this city, supplied the town with so much reliable information in advance as to what they might expect in wind and rain, heat and cold.

With this work as a hand book and a simple supply of instruments costing only a comparatively small sum of money, there is apparently no reason why every man should not become his own weather prophet, thereby finding a new and amusing subject of daily interest and saving money and trouble by knowing in advance the contingencies he might expect. For there is no doubt that an immense waste of money and effort is going on as the result of people not giving due thought to such subjects as climate, with its effects on individual idiosyncrasies and on commercial products in transit, while millions are wasted annually by neglecting the warnings that nature throws out in advance, and which scientific meteorology knows how to interpret. This latter science has made slower progress than anything else that is new in the realm of knowledge, for the reason that the bulk of humanity are still under the influence of the grandmother's tales that have come down from remotest times, which regard weather changes as something supernatural and place animal intelligence higher than human intelligence. Thus, for instance, "Farmer" Dunn cites a few of the rule-of-thumb maxims which no array of scientific figures has been able to dislodge from the minds of the bulk of humanity. Here are some:

"Cats rub their ears when it is likely to rain."
"If swine be restless and grunt loudly, there will be much wind."
"Apples falling in quantities from the trees is an indication of a mild winter."
"Magpies flying in flocks and uttering harsh cries foretell windy weather."
"When wasps build their nests close to the ground look out for a mild winter."
"Rain before 7, shine before 11."
"When wild geese fly south, expect cold weather; when they fly north, expect warm weather."
"If the wish-bone of the goose be dark blue or black, look out for a mild winter."
"Geese rubbing down and dressing their feathers is a good sign of fair weather."
"If geese keep away from the water, look out for a good old-fashioned storm."
"Roosters clap their wings in an unusual manner before rain and hens rub in the dust and seem very uneasy."
"If the full moon rises red, expect wind."

"The number of stars in a halo is the number of days before rain."
The old weather prophets also dropped into poetry in order to better inculcate their rubbish in illiterate minds. Here is a specimen:
"If Candlemas Day be fair and bright
Winter will take another flight,
If Candlemas Day be dark and drear,
Winter is gone for all that year."



I. C. R. WRECK AT BELMONT, N. S., DEC. 6.

The remarkable thing about these antique maxims is that, while they might have some application in the place where they originated, they are accepted as Gospel in other countries having entirely different atmospheric and climatic conditions. The farmers' weather maxims from Yorkshire are whispered in the homesteads of California, Argentina, and Australia with just as much reverence as if they were made to fit all climates.

Meteorology, on the other hand, is an exact science whose keynote is that observations must be made on the spot with accurate instruments and that each locality has its own climate. Upon the written records of previous years more or less accurate predictions can be made of what may be expected in the future, the degree of accuracy in the forecasts increasing as the work is prolonged. These local observations should be supplemented by co-ordination with the work of observers in other localities, so that great atmospheric changes which are not local anywhere may be known in advance. This co-ordinate work, which has been brought to a high state of development by the United States Weather Bureau, enormously increases the value of the forecasts. By their means cyclones and tornadoes are "spotted" where they originate and their course followed from State to State, and waves of heat and cold, which follow well-known lines, are figured out in advance with remarkable accuracy. One of the disadvantages of New York is that half of its "surrounding territory" is in the Atlantic Ocean, so that it cannot get warnings from stations in this region and is liable to be taken by surprise.

Ring in the Ears.

This is an unerring sign of catarrh, and if not checked will ultimately result in deafness. The simplest remedy is Catarrhazone, which, if inhaled a few times daily, prevents the catarrhal condition from spreading. Catarrhazone quickly stops the ringing in the ears, head noises, gives permanent relief to catarrhal deafness. For Catarrh in any part of the system, Bronchitis, Asthma, Lung or Throat Troubles, Catarrhazone is a specific, and is guaranteed to permanently cure or your money back. Large size, \$1.00; trial size, 25c. Druggists or Polson & Co., Kingston, Ont.

Dr. Hamilton's Pills cure Constipation.

HE MADE \$6,200,000.

There is probably no more picturesque and unique bit of financing in history than that by which Nathan Rothschild made \$6,000,000 as a result of the battle of Waterloo, says the Cleveland Leader. The story is told by Henry Clews in his book, "Twenty-eight years in Wall Street." "Rothschild had followed Wellington during his campaign against Napoleon, and at Waterloo the 'man of money' sat like a soldier in a shower of rain and bullets, watching the battle. As soon as he observed the arrival of Blucher and the rout of the French, Rothschild set spurs to his horse and rode swiftly to Brussels. A carriage whirled him to Ostend, and the next morning he was at the Belgian coast. The sea was so rough that he had to pay \$500 to a boatman to carry him across the Channel, and he landed at Dover in the evening. The next morning he was in London before the opening of the Stock Exchange. It

was known that he had come direct from Wellington and must have the latest news. He had outstripped all the courtiers and messengers of the nation. There was no telegraph then. In answer to the anxious inquiries for the news of Wellington, Rothschild discreetly said that nothing of the battle of Waterloo. Instead, he sighed and told of Blucher's previous defeat at Ligny, and said that as a result there could be no little hope for Wellington. The gloomy report caused a panic on the exchange, and when the market had reached the bottom Nathan Rothschild bought everything that he could find money for—all being done quietly through his brokers. Then came the news of the battle of Waterloo, England's victory, the final defeat of Napoleon. Securities of all kinds went up with a rush, and Nathan Rothschild, being well stocked at small cost, made great profits—about \$6,000,000. He was one of the five sons of the original Mayer Anselm Rothschild, who began his career in a little money loaning shop in Frankfurt, Germany, and founded the richest family in the world.

Nervous and Sleepless.

There is just one cure and that is plenty of food for the blood and nerves, which is best supplied in Ferrozone, than which no blood builder, nerve tonic or strength producer is better. Ferrozone promotes healthy digestion, which results in improved nutrition. The blood grows rich and red, furnishes stability to the entire system, and the store of nerve force and energy increases daily. A rebuilding of the constitution, new spirits, health and strength, all come from the use of Ferrozone. This marvelous renovator is sold by Druggists for 50c. a box, or six boxes for \$2.50. By mail from Polson & Co., Kingston, Ont.

QUEBEC POT HUNTERS.

News from all the outlying districts of the province of Quebec goes to show that there is an unusual abundance of deer this winter, and that the hunters are paying very little attention to the game laws. A gentleman was heard to say that he knew of one man who killed two six caribou in a recent hunt, and this was only one of many similar cases.

A despatch from Lake Magentic states that "pot hunters" are slaughtering deer in great numbers in that vicinity, and a large number of hunting parties are scouring the country after deer for the Montreal and Western markets. It is said that some of these men are known to drive to the nearest railway station with as many as eight and ten carcasses piled on a sleigh. Over 1,500 carcasses have been shipped this season from the village of Lake Magentic, and some of the pot hunters are not content with what they kill by their rifles and dogs, but catch them in bear traps and snares and then despatch them with a club.

DAN PATCH SOLD FOR \$60,000.

Minneapolis, Minn., Dec. 10.—M. W. Savage of this city has bought Dan Patch, the famous unbeaten pacer, from M. E. Sturgis of New York for \$60,000. M. E. McHenry, who has driven the horse many a fast mile and scored 1.59 1/2 with him, has signed a contract with Mr. Savage to handle the horse for the racing seasons of 1903-4. The price is said to be the highest ever paid for a pacer.

FOOT AND MOUTH DISEASE.

Congress Will be Asked to Appropriate \$500,000 to Pay for Slaughtered Animals.

Washington, Dec. 10.—The outbreak of foot and mouth disease in Massachusetts and the New England States generally will probably receive the attention of Congress within a few days.

Dr. D. E. Salmon, Chief of the Bureau of Animal Industry, Department of Agriculture, now in Boston, writes that he is rapidly organizing a force for stamping out the disease. Dr. Salmon, acting under the law, has agreed that the Government shall pay 70 per cent. of the value of the infected animals slaughtered to prevent the spread of the disease. Judging from the amounts thus far awarded it is estimated that each animal killed will cost the Federal Government about \$33. It is urged that an emergency appropriation of at least \$500,000 be made by Congress immediately, in order that there may be no delay in carrying on the work of exterminating the disease.

A NARROW ESCAPE

Toronto, Dec. 12.—T. G. Carscallen, the Conservative M. P. for Lennox, is safe. The protest against his return has failed, but the Liberals will appeal. Mr. Carscallen had a narrow escape on the personal charge. Upon this the court divided. Justice Osler held that the charge had not been proven, that the members elect had with corrupt intent given an extra fifty cents to the caretaker of the hall at Bath when paying the one dollar for the use of the hall. Justice MacLennan took a directly opposite view. He held that the charge that this extra amount was a bribe had been proven. The judges disagreeing, caused the charge to be dismissed.

Toothache Cured in one Minute.

Saturate some batting with Polson's Nerviline and place in the cavity of the tooth. Rub the painful part of the face with Nerviline, bind in a hot flannel, and the toothache will disappear immediately. Nerviline is a splendid household remedy for Cramps, Indigestion, Summer Complaint, Rheumatism, Neuralgia and Toothache. Powerful, penetrating, safe and pleasant for internal and external use. Price 25c. Try Nerviline. Use Dr. Hamilton's Pills for Bileousness.

GOOD FOR PEDLARS.

Augusta, Dec. 13.—The full bench of the supreme judicial court of Maine, has declared the hawkers' and pedlars' act whereby they are obliged to pay a license fee before they can do business in the State, as unconstitutional and that no one can be punished for refusing to pay the fee. Thousands of persons are involved in the matter, and the decision is one of the most important rendered by the highest tribunal in this State in recent years.

A Purely Vegetable Corn Cure.

Putnam's Painless Corn Extractor is entirely vegetable in compound, never stings or makes sore spots. Insist on "Putnam's," it cures in one night.

RUSIAGORNISH.

(Special Correspondence to the Herald.)
Dec. 13.—Mrs. Holdsworth of Lynr, Mass., is the guest of Miss Stella Bunker, Mr. Dugan shot a fine deer one day recently.

Mrs. A. Phillips spent a few days of this week with Mrs. T. Phillips.

Miss Helen Phillips, is spending a few days at Lincoln.

Miss Stella Bunker has returned home after an extended visit with friends in Brookline, Mass.

Mr and Mrs P. Owens were in the city Thursday.

J McIsaac butcher of St. John was in the place this week purchasing cattle.

Miss Lena Nason is enjoying very good health at present.

Geneva Fletcher, of Lincoln, is the guest of Lillie Milberry.

Sandy Conley saw a large bear while cutting wood in the woods on Tuesday last. Bruin was apparently a rough, savage animal.

Mrs. S. B. Sinclair is suffering from rheumatism. Dr. A. T. Currie is the attending physician.

Foxes pay frequent visits to our neighbors' barn yards and are causing the people much annoyance.

Mr. E. Morgan, of Tracy, was a visitor here this week.

Everybody is wondering what has happened our Prayer-meeting.

C. L. Tracy, of Tracy Station, was in this place this week on a business trip.

Hobos of all descriptions are numerous in this section.

It will soon be time for Santa Clans to be paying us his annual visit.

WRAPPED CHILD IN PETTICOAT.

Omaha Society Woman Took Pity on Half-Frozen Infant in a Street Car.

Omaha, Neb., Dec. 13.—By reason of a little act of kindness to a shivering, poorly clad child on a street car Mrs. Harry Cartan, a wealthy society woman of Omaha, is today the talk of the city, and the comments are highly eulogistic.

Late yesterday afternoon Mrs. Cartan got on a street car to go to her husband's place of business to join him in a theatrical party. She saw on the car a laboring man with a young baby in his arms; the child was poorly clad, and seemed to be half frozen, the weather being bitterly cold.

Mrs. Cartan arose from her seat and calmly removed her silk petticoat, then walking down the aisle, she asked the man's permission to wrap the garment around the infant. He made no objection, and she took the infant in her arms and wrapped the warm, soft petticoat around it, then laid it back in the father's arms. Then she quietly took her seat again, the admiring, approving gaze of every person in the car resting on her.

Tourist—"When does the next train start for Cork?" Irish Porter—"She has just gone south!"

AFTER EQUINOX

The season has changed. Cold winds, damp air, coughs, colds, grippe, pneumonia—that's the order of events.

This is the time of year for those with weak lungs or a tendency to heavy colds to fortify themselves against exposure by taking Scott's Emulsion.

Regular doses give great protection to the throat and lungs. What's the use of staying near the edge when such easy treatment will keep you out of danger.

For obstinate colds, for old coughs, for catarrh and bronchitis Scott's Emulsion is a standard remedy. You can feel the effects of even a small bottle.

We'll send you a little to try, if you like. SCOTT & BOWNE, Chemists, Toronto