

# The Weather Bulletin.

PUBLISHED MONTHLY BY  
HENRY G. VENNOR, F. G. S.

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### Editorials.

We have to thank the *Farmers' Review Co.* of Chicago for a very large number of subscribers to the BULLETIN, sent in during the past summer.

—A good deal of injury is done to the circulation of the *Bulletin* by Editors of newspapers and other journals reproducing the predictions in full. Would it not answer all purposes to allude to the publication of the paper and merely give a brief synopsis of contents of number last issued. A hint on this point we think will suffice.

We would acknowledge with thanks the receipt of six vols. of Reports of Sec'y of War, Washington, D. C.; that for the year 1880 having recently come to hand. This last is one of the most thorough and valuable reports it has yet been our privilege to examine, while it demonstrates very plainly the magnitude of the work undertaken annually by the Signal Service of the United States. The charts and maps are unique as to style and execution, arrangement and general clearness of idea aimed at.

We do not think we go too far in stating that, from our very large correspondence and copious receipt of newspapers from every section of the North American Continent, we believe ourselves to be in a better position to judge the general results of the predictions given forth than any other individual or individuals can possibly be. We are the very first to hear of the "misses," when these occur, and are sagacious enough to gather from

the general telegraph reports of the day our "hits." The review of our predictions from present stand point is decidedly encouraging, and we are prepared to prove that of these, more than two-thirds have been verified. But now this task is taking out of our hands by the publication of the monthly Weather Review, at Washington, D. C., in which a thorough digest of the past month's weather is given. It, therefore, is only necessary to contrast with this our predictions for a given month to enable any one to see at a glance, in how far we have been right or wrong. It is a severe test, but we are prepared to stand by it.

### Queries and Replies.

[We would direct special attention to this column of the paper, and think it will be the means of putting weather observers in communication with one another, and with ourselves. Let all who have questions to ask send them in.—Ed.]

CINCINNATI, Ohio, Sept. 1, 1882.

SIR,—August in this section of country has been a cool and pleasant month as has been the summer throughout. Your prediction of a cool summer for 1882 has been verified in a marked manner. How about the winter here?

A SUBSCRIBER.

[REPLY.—Decidedly severe in Cincinnati section and westward, with abundant snowfalls, commencing early. "A cool and wet summer" is generally followed by a severe winter, but we have even stronger grounds than this for our prediction for the coming winter.—Ed.]

LONDON, Eng, Sept. 13, 1882.

DEAR SIR,—I am a Canadian and have only spent about a year on this side the ocean. Your BULLETIN reaches me rather late in the months, but still I would not be without it. Do you know your summer predictions has "hit us" precisely. What kind of winter should you judge we are likely to get on this side? As far as I can gather, such a summer as the past has in most cases been followed by a severe and stormy winter, as was the winter of 1880-81. A line on this point ahead of the BULLETIN would be gratefully received and in return I shall send you a score or more of English subscribers. You are about as well known in London as in Montreal, and a gentleman recently from Paris, informs me your predictions are quoted even there.

Yours sincerely,

[REPLY.—As we have already stated, the outlook for the winter of 1882-83 in Great Britain is cold and stormy with unusually early and heavy snow falls. The storms are likely to begin in October and continue through the remainder of the year. We expect to hear of a real Canadian winter in England and Scotland.—Ed.]

HARTLAND, Vt, Sept. 11, 1882.

DEAR SIR,—From where does the vapor supply for the North Temperate Zone come.

Your Subscriber  
THEODORE A. KINGSLEY.

Answers to the above will appear in next number.

Vennor admits that he scatters his predictions as he pleases and then picks out the weather to fit them.—*Lowell Courier.*

Right *Lowell Courier*, but somebody must have told you, or you would never have guessed it.—Ed.

### Criticising the Prophet.

Vennor in his *Weather Almanac*, for 1882, set down under the month of July, the following predictions:

Alternations of very hot and stormy weather, with frequent rains, generally up to about 10th of month. Some of these storms in Western Canada and Western United States are likely to be very severe, causing much damage. A cooler change between the 10th and 13th, with, possibly, a frosty night or two. Hot and oppressive weather, with heavy rain and wind storms, between 15th and 20th. A great deal of rain and storm so far this month. Between 20th and 23rd cooler and windy weather, with continued rains and cool evenings and nights. Between 24th and 26th there is likely to occur a very hot term. After the 26th or 27th, sultry, warm and oppressive weather, with thunder storms up to close of month. There may be indications of a cooler change about the last day of month—probably altogether, a muggy and reeking wet month, very different from that of 1881.

In the interest of science and by way of comparison, we give the result of the observations of Signal Service Sergeant Weber, stationed at St. Louis for the month, as reported by him to the Signal Service Bureau. The curious reader will be good enough to analyze Vennor's prediction and also Weber's report. Due allowance must, of course, be made, for Vennor is general while Weber's field covers only St. Louis and vicinity. Vennor has been remarkably successful in his forecasts. Weber reports as follows: Highest barometer, 30.291, on the 22nd; lowest do., 29.839, on the 3rd; mean barometer for the month, 30.039; monthly range of barometer, 0.452; mean temperature, 73.8; highest temperature, 94.8, 1st; lowest temperature, 57.8, 14th; range, 37; greatest daily range of temperature, 24.0, 3rd; least daily range of temperature, 8.8, 20th; mean of maximum temperature, 84.6; mean of minimum temperature, 60.2; mean daily range of temperatures, 18.4; prevailing direction of wind, south; total movement of wind, 6,169 miles, highest velocity of wind and direction, 31, N. W., 3rd; number of foggy days, none, number of clear days, 11; number of fair days, 13, number of cloudy days on which no rain fell, 3; number of cloudy days on which rain fell, 4; total number of days on which rain fell, 5; depth of unmelted snow on ground at end of month, none; dates of auroras, none, dates of solar halos, none; dates of lunar halos, 26.2; dates of frost none.—*St. Louis Paper.*

### Queries and Replies.

What kind of fall are we likely to have, soft or severe? Ans.—That depends upon what you fall against. If, for instance, you fall down a hatchway it will be an open, as well as a severe one.

Are there likely to be many "cold dips"? Ans.—That depends upon the thickness of the ice in your section.

Will we have a "January thaw"? Ans.—That I have not thawed over.

How will the New Year come in? Ans.—Happy, of course, as people always say it does.

Do you believe in weather cycles? Ans.—Yes, somewhat. My son, however, says he will give a ten yard start and lick me on his bicycle.

What are your predictions based on? Guess work or calculations? Ans.—Neither, they are a mixture of fret-work and altercation.