

THE JOURNAL is published every evening, except Sunday, at 47-49 Fourth Street South, Journal Building, Minneapolis, Minn.

SUBSCRIPTION TERMS Payable to The Journal Printing Co. Delivered by Mail. One copy, one month, \$0.35

CHANGES OF ADDRESS Subscribers ordering addresses of their papers changed must always give their former as well as present address.

CONTINUED All papers are continued until an explicit order is received for discontinuance, and until all arrearages are paid.

COMPLAINTS Subscribers will please notify the office in every case that their paper is not delivered promptly or the collections not properly made.

The Journal is on sale at the newsstands of the following hotels: Pittsburgh, Pa.—Du Quaine. Salt Lake City, Utah—The Knutsford.

THE CUBAN COMMISSIONERS

The Cuban commissioners are greatly pleased with their reception at Washington and their conferences with the administration have evidently begun to disabuse their minds of the wrong impressions they previously entertained as to the meaning of the terms offered by the United States.

AN IMPAIRED VOCABULARY

A very strong protest was recently made by Edith Wharton in the New York Tribune against what she calls the impoverishment of the mother English language in this country to the extent of differentiating the American language from the English to its great impairment and loss of force and directness.

THE BUFFALO EXCURSION

Everybody will wish to be "put off at Buffalo" this year. The Pan-American Exposition will be the destination of more summer tourists than any other point on the continent.

Effect of Our River Juice

Now they have discovered that there has been stealing in the commissary department over in the Philippines, and that a Minneapolis man has had a prominent hand in it.

Great Thing for Jonesy

Washington Post. The democratic press in referring to the president's trip is making considerable fuss over what it is pleased to term "government on wheels."

They Never Forget

Washington Evening Star. It is evident that the politician ever became so old that he couldn't check a sun-

enough to get the advantage of freshness in buildings and exhibits. Details of the excursion arrangements are given in this paper to-day, and we are very sure that those who contemplate a trip to the Buffalo Exposition during the summer will find The Journal a proposition very attractive.

The annual occupation of the sporting editors of making excuses for the Minneapolis ball team has been resumed. Thus we are reminded of the flight of time.

THE COURSE OF BUSINESS

It has been a week of surprises in investment lines. Dealings on the stock exchange in New York reached 2,400,000 shares in one day, and all the week sales have kept close to two million shares a day.

Bank clearings for the week increase about 70 per cent. New York shows an increase of 103 per cent. There is unquestionably a strong undertone to general business. The spring has been a little backward in the west, and trade has been affected moderately on seasonal goods.

Wheat seeding in the northwest is progressing rather slowly on account of a wet soil over a considerable area. It has been expected, however, that there will not be any important delay in the matter of seeding, and a large acreage will be put in.

In the southwest conditions continue favorable in the main. There is a little talk of possible damage in prospect from the Hessian fly, but people on the ground say the injury thus far is more in prospect than actual.

There is great excitement in the west on new oil discoveries. Texas, Washington, California and Wyoming are just now the centers of attraction in this particular. The west seems to be a bed of oil and the discoveries just made are leading to a large amount of prospecting all over the west.

Work of the Weather Forecaster

It is a wonderful picture of atmospheric conditions that is presented twice daily to the trained eye of the weather forecaster. It embraces an area extending from the British isles to the west coast of South America over Mexico, the islands of the West Indies and the Bahamas, northward to the utmost confines of Canadian habitation.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

Work of the Weather Forecaster

As soon as it was an established fact that a tiger had taken up his quarters amidst the ruins of a dozen officers planned a hunt for him. In the course of a couple of weeks he was seen several times, but though he was fired upon at point-blank range he was not hit.

a painful extent even in the upper social circles. Such slang as "the straight tip," "coach," "knocked up," "soft soap," "cad," "shady," "seedy," "duffer," "rot," and scores of like-ineligible terms, are among the importations. In English society novels the fashionable people are made to use very offensive slang. In this country the inelegancies in ordinary conversation are innumerable. There seems to be a desperate fear of being entirely too grammatical, but it is better to be strictly grammatical than to recede remotely from the canons of good speech.

'County Auditor Scott gets a compliment from the public examiner, who sends out a printed copy of the annual statement of receipts and disbursements of Hennepin county for the year 1900 as a model to be copied by the auditors throughout the state. It has required considerable urging to induce the county auditor and commissioners to arrive at their present method of handling public business, but the improvement has been so marked over the loose methods in vogue a few years ago that it is a pleasure to record the improvement and give credit for the change brought about. For this changed condition of things the people of Hennepin county are indebted more to the Tax Payers' League of Minneapolis than to anybody else. While this institution may have at times drawn the line pretty close, and have raised objections where no serious fault was to be found, it is true that they have by persistent watchfulness and attention to the matter finally secured the abandonment of the unbusiness-like methods heretofore in vogue, and the adoption of better ones which show themselves in this approved statement of Auditor Scott.

Origin of Scientific Weather Study

About 100 years after the invention of the barometer—namely, in 1747—Benjamin Franklin divined that certain storms had a rotary character, and that they progressed in a north-easterly direction. Although his ideas on these ideas should have come to him long before any one had ever prepared charts showing observations simultaneously taken at many stations. But, although his ideas in this respect were more important than his act of drawing the lightning from the clouds and identifying it with the electricity of the storm, his discovery of the rotary character of the storms, it remained for Redfield, Espy, Maury, Loomis and Abbe, 100 years later, to gather the data and completely work out the theory of that which the great Franklin had divined. Although the American scientists were the pioneers in discovering the rotary and progressive character of storms, and in demonstrating the practical equality of the rotary and progressive character of the storm to give legal status to a weather service; but no one of the other countries had an area large enough to equal that of the United States. It was the fourth country to give legal status to a weather service; but no one of the other countries had an area large enough to equal that of the United States. It was the fourth country to give legal status to a weather service; but no one of the other countries had an area large enough to equal that of the United States.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Papers by Experts and Specialists of National Reputation.

WHAT THE GOVERNMENT DOES FOR THE PEOPLE

XI.—WORK OF THE WEATHER BUREAU

By Willis L. Moore, Chief of the United States Weather Bureau.

(Copyright, 1901, by Victor F. Lawson.)

About the only knowledge that most read-ers have of the workings of the United States weather bureau is that the department of agriculture is gathered from the daily prediction of rain or snow that they encounter at the breakfast table as they glance over the morning paper. They base their estimate of the utility of the weather service on the accuracy of the predictions thus hastily scanned and many are prone to inquire whether it is true that this service has really made a record of its utility in the past.

Origin of Scientific Weather Study

About 100 years after the invention of the barometer—namely, in 1747—Benjamin Franklin divined that certain storms had a rotary character, and that they progressed in a north-easterly direction. Although his ideas on these ideas should have come to him long before any one had ever prepared charts showing observations simultaneously taken at many stations. But, although his ideas in this respect were more important than his act of drawing the lightning from the clouds and identifying it with the electricity of the storm, his discovery of the rotary character of the storms, it remained for Redfield, Espy, Maury, Loomis and Abbe, 100 years later, to gather the data and completely work out the theory of that which the great Franklin had divined.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic pressure threatens to sweep southward and eastward with its icy blasts, the meteorological stations of the bureau are ordered to take readings in the interior of the region.

Work of the Weather Forecaster

When a marked cold wave develops in the north of the continent, the best remedy is to be found in the broad area and great hydrostatic