

COMPREHENSIVE MAGNETIC CHART MADE BY CREW

SAN FRANCISCO, March 15.—The Carnegie Institution of Washington has just completed what might be termed an x-ray of the earth's atmosphere, and has forwarded from here all data in regard to the experiment, which was made through the use of the non-magnetic ship Carnegie, which arrived here recently.

The x-ray was in the form of observations of compass and other magnetic variations on all of the earth's oceans, three variations being traced in the atmosphere by two specially designed instruments called a deflector and magnetometer. These tracings later will be shown on a chart, which might be likened to the x-ray plate; this chart will be made available to every navy and merchant marine on earth as a guide to navigation, as nearly exact as it is humanly possible to make such a guide.

So intensively and penetrating did the instruments work, aided by the utter absence of magnetic attraction by everything else on the vessel, that certain degrees of longitude in the Indian ocean were found recently to be radically different from the best charts and projections available up to that time. In some instances these differences amounted to several minutes.

There is a constant play of these variations over the magnetic fields, and the cause of this play or change, although exhaustively theorized upon, never has been exactly explained, the Carnegie scientists said. These magnetic changes make the utilization of the non-magnetic ship and its instruments and the preparation of new charts constantly necessary. For instance a mariner using a magnetic chart prepared by the institution ten years ago could not steer as accurately as if he consulted a chart prepared but a year ago.

The magnetic ship made an absolute myth out of the general belief that the compass always points directly north. It added convincing proof to the scientific theory that there are only two longitudinal lines, one of them extremely irregular, where such a thing occurs. Whenever a ship crosses one of these lines the compass will get the direct polar influence. Everywhere else it will point either east or north or west of north.

In the taking of these figurative x-rays and the compilation of its data, sometimes interestingly geographical as well as magnetic, the Carnegie has traveled more than 300,000 miles since she was launched June 12, 1909. She is the only vessel credited with having circumnavigated the globe in the sub-Antarctic regions. In this voyage, entirely within the confines of the Great

REASONS THEY WANT SCHOOL

MALIN, March 15.—Mike Dobry, postmaster here, expressed himself as much in favor of bonding the high school district for money to build and maintain the Union high school here, in a conversation with a friend. He has a boy in high school here now, who has attended the county high school before the organization of the new Union high school.

"I can see no reason," he said, "why we should not have a high school here. It is too expensive to send our children away to school, and we know what they are doing, if they are at home."

"The tax payers will not be taxed but a very little more and the school here will more than repay them when their children start to high school."

"I do not want my girls and boys to go away from home to attend schools," declared Mrs. James Worlow, when asked for her opinion about the high school bond election to be held here Saturday. "I want my children at home where I can know how they get along with their work," she said.

"It's seldom that a good home can be found for them away from their own home where they can attend schools, so naturally they drop out of schools. This community can well afford to put up a nice building, one of which we may all be proud."

"Investing money in schools is one of the best possible ways of investing our money, and our community is growing and needs schools."

Mrs. Worlow is a qualified voter and will cast her vote for bonding the high school district, besides using her influence to win other votes.

Southern ocean, which has come to be the scientific name for the Antarctic, she stopped but once, that being at the island of Georgia, a whaling station in the South Pacific.

On the present voyage, which began in October, 1919, she touched at French West Africa, Buenos Aires, Ceylon, Australia, New Zealand, Paapeete, the Fanning islands and San Francisco. She will go from here to Samoa and the Panama Canal and then home to Washington.

The Carnegie was compelled to use her auxiliary gas engine a number of times to take her out of equatorial calm belts and to help drive her through storm tossed seas when the sails were in danger of blowing away. This engine contains the only magnetic influence on board, but it is so far away from the recording instruments that it has absolutely no effect on them.

The Carnegie carries a complement of 23 persons, Captain J. P. Ault of Washington has full charge of both the navigation of the vessel and the recording of the magnetic data. He is assisted by a second in command, Lieutenant H. F. Johnston of the

British navy who resides in Toronto. Andrew Thompson, Toronto; Robert M. Nills, Washington, and H. R. Grummann, Lincoln, Neb., act as observers.

Next in Line Is Corn Meal Week

LINCOLN, Neb., March 15.—If a movement being fathered by the federation of Nebraska retailers becomes general throughout the country as is being urged in circular letters, the well-known ultimate consumer will eat corn pone from April 1 until April 7. The retailers' organization recently went on a record favoring a movement declaring the first week in April "National Corn Meal Week."

J. Frank Barr, general secretary of the federation says the observation of such a week will benefit every class from the producer to the consumer.

He says if the people of the country buy corn meal and eat its products for one week, it will create such a demand for corn that it will increase in value and will prompt the farmer to unload his hoarded stock.

NOTICE TO PROPERTY OWNERS
WHOSE PROPERTY HAS BEEN FOUND LIABLE FOR THE COST OF IMPROVING WASHINGTON STREET FROM FIRST ST. TO EWAUNA BOULEVARD, THAT THEY HAVE 30 DAYS FROM FIRST PUBLICATION OF THIS NOTICE IN WHICH TO FILE THEIR APPLICATIONS TO PAY ASSESSMENTS IN TEN ANNUAL INSTALLMENTS.

Notice is hereby given that the common council of the city of Klamath Falls, Oregon, did by Ordinance No. 542, duly adopted on the 28th day of February, A. D. 1921, and by the Mayor approved on the 1st day of March, A. D. 1921, declare the proportionate assessment on each lot, part of lot, block, parcel and acreage property found to be benefited and liable for a proportionate share of the cost of improving Washington street from First street to Ewauna boulevard.

The property so found benefited and liable and assessed as aforesaid

is all that property lying adjacent to said part of said Washington street between the termini mentioned and extending back to the centers of the respective blocks so lying adjacent.

That the docket of city liens has been made up as provided by section 268 of the charter, and below will be found a list of the names of the owners whose property has been so assessed as aforesaid and against which liens have been docketed as by said ordinance provided, together with the total amount so assessed against each specific holding. Reference is hereby made to such lien docket for detailed description of each lot, and block, parcel, and acreage property so assessed.

Further notice is hereby given the respective owners of the property so assessed and herein below listed, that such assessment is now due and payable and will be delinquent from and after the expiration of 20 days from the date of the first publica-

tion of this notice. Said first publication will be made on Monday March 14th, 1921. The owners of property so assessed as aforesaid must either pay in cash or make and file with the police judge of said city on or before the 4th day of April, A. D. 1921, their respective applications to pay such assessments in ten annual instalments.

Name of owners	Amount assessed against property
Burg W. Mason, and\$517.00
Chas E. Worden517.00
Burg W. Mason, and517.00
Chas E. Worden517.00
Burg W. Mason, and517.00
Chas E. Worden517.00
Chas E. Worden517.00
Mae E. Mason517.00

Published by authority of the Common Council, under section 269 of the charter of said city.
Dated at Klamath Falls, March 14th, 1921.

A. L. LEAVITT
Police Judge of the city of Klamath Falls, Oregon.
Mar. 14-18

NOLTA AND ALLENMAN
DISMISSED BY COURT

George Nolta and R. J. Allenman, who were brought here from Willows, California, a week or more ago to answer to a charge of larceny, were dismissed by Justice of the Peace Gaghagen yesterday afternoon, the evidence not being considered strong enough to warrant their detention. The men were charged with having taken about \$85 worth of clothing from a trunk belonging to A. Devori. Extradition papers were granted by Governor Stephens of California, and County Detective Fred Morley brought the men back.

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Leather Coats.

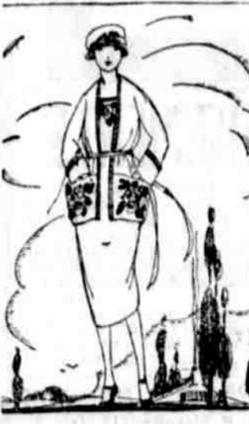
ANDROSS-GLOVER
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Phone 341 W

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you to the Auto Show

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How does your garden grow?"
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And lovely Suits all in a row!



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Fashion herself is quite
amazed.

CHIC OR MANNISH SUITS
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In fabrics soft and clinging
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nursery rhyme!
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Smart! Practical! Inexpensive
JERSEY SPORT SUITS, \$29.50 to \$35
SPORT COATS, \$9.75 to \$29.75
SPORT SKIRTS, \$9.75 to \$27.50
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BEAUTIFUL SPRING HATS
Whose sole mission in life is to make you
appear lovelier!—and make you happy, too,
with their unusually low prices—
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In every correct new style—latest shades;
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**CLEVER NOVELTIES IN BAGS AND
VANITIES**

CHARMING BLOUSES
—of Georgette
—of Crepe de Chine
—of Voile and Batiste
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In plain and novelty styles and shades
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—if it is
grown right
blended right
packed right
and
made right



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Red Can
COFFEE**

Better coffee than Hills cannot be produced, and its appetizing aroma, fine flavor and satisfying strength is protected by a vacuum can

Hills Bros Red Can COFFEE