

GUESSING THE WEATHER.

The Making of Forecasts Based on Recognized Principles and Antecedent Data.

Movements and Effects of the Air Currents Explained by an Expert.

Causes Which Produce Rain—How Storm Centers Are Located—The Making of Weather Maps.

Mr. W. H. Hammond, chief of the St. Louis weather bureau, was asked by a reporter for the Globe-Democrat to explain the methods employed by the weather bureau in making a forecast.

Since it can be taken as a general fact that the weather varies as the wind changes, owing to this almost constant current within the limits of the trades there are few storms in the tropical zone, and forecasting is hardly necessary.

As the air moves northward from this parallel the earth's rotation affects it in exactly an opposite manner from what it did the air moving toward the equator.

But one or two inches of lines of equal pressure, and cloudy weather is reported three or four stations to the eastward, and possibly a trace of rain.

SHE READ TEASHY BOOKS.

A Young Woman Engaged to Six Men Elopes With a Seventh.

Chloe Bradway, a young girl living among the hills twenty miles east of Fresno, Cal., has been missing for some days, says the San Francisco Chronicle.

Should Be in Every Home. J. B. Wilson, 371 Clay street, Sharpburg, Pa., says he will not be without Dr. King's New Discovery for consumption, coughs and colds.

Opportunity. Master of human destiny am I, Fame, love and fortune on my footsteps

Cities and fields I walk. I penetrate Deserts and seas remote, and passing by Hovel and mart and palace, soon or late I knock unbidden ones at every gate.

Not fail ye not in this respect. Seize every opportunity to travel Over the Chicago, Milwaukee & St. Paul railway.

Are You Suffering? From back ache, inflammation of the bladder, drick dust deposit or stone in the bladder, or in fact any derangement of the kidneys or urinary organs?

NOT DEAD. Remarkable Experience of John Turk, a Pioneer of Helena.

39 Doses Taken at Once Did Not Kill, but Succeeded in Curing Him.

John Turk Cascade, Montana, took 39 doses of a so-called "San Francisco Quack's Medicine," at once, and was not killed, as promised by rival doctors.

The celebrated French Cure, WARRANTED "APHRODITINE" or money refunded.

Is Sold on a POSITIVE GUARANTEE to cure any form of nervous disease, or any disorder of the generative organs of either sex.

HELENA'S LEADING BUSINESS HOUSES.

DRY GOODS. THE NEW YORK DRY GOODS STORE. Main and State Streets. Latest Goods From the East.

SANDS BROS. Dealers in Dry Goods, Carpets and Fine Furnishings.

HOWLES' CASH STORE. Broadway, Opposite Independent Office.

GROCERY AND CHINA. F. J. EDWARDS. 19 South Main Street.

FURS. BABCOCK. Main Street, foot of Broadway.

INSURANCE. THE GUARDIAN ASSURANCE COMPANY. Of London.

PAPER HANGERS AND DECORATORS. O. J. HOLMES. 22 North Main Street.

FREIGHT TRANSFER. J. L. SMITH. Office at J. Feldberg's Store.

SADDLE AND HARNESS MAKERS. R. W. NEILL. Stock Saddles, Stockmen's Equipments.

LEGAL BLANKS. CRAIG & DAVIDSON. Postoffice Box 77.

MINING MACHINERY. CHICAGO IRON WORKS. Mono Unalizer, Western Representative.

BLANK BOOKS. C. B. LEICKNER. Herald Building, Broadway.

ATTORNEYS-AT-LAW. EDWARD C. RUSSELL. Pittsburgh Block.

PRODUCE AND FRESH FRUITS. LINDSAY & CO. 20 and 22 Edwards Street.

CONFECTIONERS. SALADE & HEPPELDECKEL. Practical Confectioners.

PLUMBERS AND GAS FITTERS. D'ONOUE & MCCARTHY. 34 Park Avenue.

NURSERMEN. T. E. MILLS. Nurseryman and Landscape Gardener.

THE APHRODITINE CO. PORTLAND, OR. Sold by H. M. Parson & Co., druggists.

FURNITURE DEALERS. ARTHUR P. CURTIN. The Leading Furniture House in Montana.

J. B. SANFORD. Dealer in Furniture, Carpets, Shades, Lace and Chenille.

JEWELERS. C. B. JACQUEMIN & CO. Leading Jewelers and Silversmiths.

HELENA JEWELRY CO. Power Block, Sixth Avenue.

COAL AND WOOD. SAND COULES COAL COMPANY. E. C. Parrot, Agent.

HELENA LUMBER COMPANY. Agent for Galt Coal.

BROKERS. H. B. PALMER. Dealer in Investment Securities.

BOOTS AND SHOES. L. ARNOLD. 624 South Main Street, opposite foot of Wood Street.

MINING AND FARM MACHINERY. T. C. POWER & CO. Main Street and Helena Avenue.

GUN AND LOCKSMITHS. CHARLES T. MORRELL. Practical Gun and Locksmith.

MERCHANT TAILORS. S. FINKELSTEIN. The Bon Ton Tailor.

GROCERS. C. REIBOLD & CO. Staple and Fancy Grocers.

FANCY GOODS. THE BEE HIVE. Sol. Genzberger & Co.

BOTTLING WORKS. HELENA BOTTLING WORKS. 227-229 Water Street.

MUSICAL INSTRUMENTS. CAPITAL CITY MUSIC CO. (D. E. Howe, V. B. Howe.)

BREWERIES. VAL BLATZ BREWING CO. Of Milwaukee.

HELENA BREWERY. Miller & Co., Proprietors.

MARBLE WORKS. MONTANA MARBLE WORKS. Lower Main Street.

PROFESSIONAL CARDS. CRUTCHER & GARLAND. Attorneys at Law.

DR. M. ROCKMAN. Physician, Surgeon, Acupuncturist, Oculist, Aurist.

"Henry's Specifics" THE RENOWNED ENGLISH REMEDY. INFALLIBLE CURE FOR NERVOUS DEBILITY.

A. K. PRESCOTT. Dealer in MARBLE GRANITE MONUMENTS.

NOTICE TO CO-OWNERS—HELENA, LEWIS and Clarke county, Montana, Nov. 7, 1891.

FINANCIAL INSTITUTIONS. FIRST NATIONAL BANK. Paid Up Capital, \$500,000.

SECOND NATIONAL BANK. Paid Up Capital, \$75,000.

THE AMERICAN NATIONAL BANK. Capital, \$200,000.

THE THOMAS CHASE SAVINGS BANK. Paid In Capital, \$100,000.

MONTANA NATIONAL BANK. Capital Paid In, \$200,000.

MERCHANTS NATIONAL BANK. Paid Up Capital, \$500,000.

WHOLESALE AND RETAIL LIQUORS. I. MARKS. Wholesale and Retail Dealers in Straight Kentucky Whiskies.

WISE & GOODKIND. Seventh Avenue and Main Street.

THE BRISTOL. Corner S. Main and State Streets, Helena, Montana.

THE COSMOPOLITAN. European Hotel and Restaurant.

BEVERIDGE HOUSE. 511 and 513 North Main Street.

MINERAL SPRINGS HOTEL. Marcus Lissner, Proprietor.

WINDSOR HOUSE. 414-417 North Main Street.

HELENA BOTTLING WORKS. 227-229 Water Street.

FANCY GOODS. THE BEE HIVE. Sol. Genzberger & Co.

BREWERIES. VAL BLATZ BREWING CO. Of Milwaukee.

HELENA BREWERY. Miller & Co., Proprietors.

MARBLE WORKS. MONTANA MARBLE WORKS. Lower Main Street.

PROFESSIONAL CARDS. CRUTCHER & GARLAND. Attorneys at Law.

DR. M. ROCKMAN. Physician, Surgeon, Acupuncturist, Oculist, Aurist.

"Henry's Specifics" THE RENOWNED ENGLISH REMEDY. INFALLIBLE CURE FOR NERVOUS DEBILITY.

A. K. PRESCOTT. Dealer in MARBLE GRANITE MONUMENTS.

NOTICE TO CO-OWNERS—HELENA, LEWIS and Clarke county, Montana, Nov. 7, 1891.

CLOTHIERS AND GENTS' FURNISHERS. GANS & KLEIN. Broadway and Main Street.

JOEL & BEO. 25 S. Main Street. Dealers in Clothing, Boots and Shoes, Hats and Furnishing Goods.

REED, CRAIG & SMITH CO. Gold Block. Dealers in Fine Neckwear, Hosiery, Underwear.

THE BOSTON CLOTHING COMPANY. 23-25 South Main Street. Dealers in Fine Clothing and Gentlemen's Furnishing Goods.

J. FELDBERG. Wholesale and Retail Dealer in Ready Made Clothing and Gents' Furnishing Goods.

TICKET BROKERS. A. GOLDBERG. Cat Rate Railroad Ticket Office.

LOAN OFFICES. PEOPLES LOAN OFFICE. 124 South Main Street.

UNCLE SAM'S LOAN OFFICE CO. Corner Main and Wall Streets. (Old First National Bank Building.)

MARBLE WORKS. MONTANA MARBLE WORKS. Lower Main Street.

PROFESSIONAL CARDS. CRUTCHER & GARLAND. Attorneys at Law.

DR. M. ROCKMAN. Physician, Surgeon, Acupuncturist, Oculist, Aurist.

"Henry's Specifics" THE RENOWNED ENGLISH REMEDY. INFALLIBLE CURE FOR NERVOUS DEBILITY.

A. K. PRESCOTT. Dealer in MARBLE GRANITE MONUMENTS.

NOTICE TO CO-OWNERS—HELENA, LEWIS and Clarke county, Montana, Nov. 7, 1891.