

RADIO BROADCASTING NEWS

Regular schedule of WJAM, The Evening Gazette-Iowa Railway and Light company radio phone station (wave length 265.0 M. Perham, conductor) market reports, daily except Sunday 10:15 and 1:30. Story hour, conducted by Miss Blanche Loomis Tuesday, Thursday and Saturday 8 to 9:30 other programs to be announced (Central standard time)

McDONALD FAILED TO KEEP HIS PROMISE

Pianist Who Agreed to Radio From WJAM Didn't Show Up Last Night; Young Pleased At Piano.

George McDonald gained a lot of publicity when he broadcast a program from The Gazette-Light company station WJAM on Jan 1 but when the fans discover the way he went back on his promise to them and to the station last night, he will be about as popular with them as an aching tooth.

Mac agreed last Thursday to broadcast the night of Jan 8 again last Saturday and still at 10:15 and 1:30. He would be on the air Thursday and even asked two local young men to accompany him to the station to assist in the program.

Last night, 7 o'clock the hour set for the beginning of "Mac's" concert, came and went, but no "Mac." A call from Royal McGinnis said he had been asked to sing on the McDonald program, while Howard Rankin, who accompanied "Mac" last week on a few numbers with his song whistle came to the studio saying McDonald had asked him to participate in his program.

Not a word has been heard from McDonald as to his reasons for leaving the station and the fans in the lurch.

Elmer F. Young, who was a popular attraction from WJAM Tuesday, proved himself a real friend in need when he responded to a request from D. M. Perham that he play on the early program last night. He was on the air from 7:30 to 8:45 and during that time nearly 100 requests were asked Mr. Young is a fine pianist and a fine singer and the station will be glad to announce any of his future programs. Mr. Rankin accompanied him on some of the numbers.

About 8:45, on account of the temporary wiring in the studio due to preparations for installation of the new transmitter, a little trouble developed and Mr. Perham was forced to sign off. The program from Dreamland ballroom could not be broadcast on account of the wire trouble.

COE VESPERS, GRACE CHOIR, ON AIR SUNDAY

After an intermission of three weeks, the vesper services offered by Coe college will be resumed Sunday at 7 p. m. at the Memorial chapel, starting at 4 p. m. The service will be broadcast from The Gazette-Light company station, 265.0 M., by remote control.

Remote control will also be used to broadcast the music of Grace Episcopal church choir, of which William Evans is director. The choir will give a special radio program from the church over WJAM between 5:30 and 6:30.

FREE! SATURDAY ONLY

One pound of COTTAGE CHEESE FREE

With each purchase of one pound or more of Liberty Brand Butter 50c

We are also trading a special price Saturday on all brands of

- PHOENIX CHEESE
- AND on all brands of FOREIGN CHEESE
- We always have on hand a plentiful supply of WHIPPING CREAM
- Guaranteed to whip
- SWEET CREAM SOUR CREAM
- UNSALTED BUTTER

SANITARY Butter Store

126 First Ave.

RADIO MANUAL

BY ORIN E. DENTON, JR. Radio Editor of The Evening Gazette, Cedar Rapids, Iowa.

(Continued From Yesterday.)

Weather Reports.

Directly after the time signals at 10 p. m. Eastern Standard time each day, Arlington, Virginia, broadcasts complete weather reports on the 2650-meter wave length. These reports contain the barometer reading, direction and velocity of the wind in accordance with conditions existing at 8 p. m. The broadcasts are made in dots and dashes of the Continental code and are in abbreviated form, making it possible to complete the schedule in much less time than if each symbol was repeated in complete form.

The following explanation will serve as a key to the Arlington weather reports, which are for the eastern section of the United States and Great Lakes regions. Observations are taken from seventeen centers, and in broadcasting each locality is denoted by an abbreviation as follows:

- S. E. S. N. E. T. Nantucket, R. I.
- D. B. Delaware Breakwater, H. Cape Hatteras, N. C.
- C. Charleston, S. C.
- P. Pensacola, Fla.
- B. Bermuda, K. Key West, Fla.
- D. Duluth, Minn.
- M. Marquette, Mich.
- S. St. Marie, Mich.
- G. Green Bay, Wis.
- CH Chicago Ill.
- L. Alpena, Mich.
- D. Detroit, Mich.
- Y. Cleveland, O.
- F. Buffalo, N. Y.

The Beaufort wind intensity scale is used to indicate the wind velocity.

0	Calm	0-1
1	Light Air	1-3
2	Light Breeze	3-5
3	Gentle Breeze	5-8
4	Moderate Breeze	8-12
5	Fresh Breeze	12-16
6	Strong Breeze	16-20
7	Moderate Gale	20-24
8	Fresh Gale	24-28
9	Strong Gale	28-32
10	Whole Gale	32-36
11	Storm	36-40
12	Hurricane	40-45

Eight different wind directions are denoted by the points of the compass, such as E, E. S. E., etc. These are transmitted as numbers North, 1; Northeast, 2; East, 3; Southeast, 4; South, 5; Southwest, 6; West, 7; Northwest, 8.

When the time signals are finished NAA begins to transmit a series of letters and figures as follows: "QST de NAA. USWB, 80202 70120; D29271, H0174, C0200 100541, P041"

In the above transmission "QST" is the international call for all stations to listen, "de" is the Latin word for "from," "NAA" is the Arlington call letters, "USWB" stands for "United States Weather Bureau," "S" accompanying the first group of figures is the symbol for Sydney, Nova Scotia. The first three figures following the letter "S" indicate the barometer reading. If the first figure is zero the barometer reading begins with 30. In this case the reading is "30.20" the fourth figure indicates wind direction, which in the case of "2" is northwest. The fifth figure is the velocity of the wind, and at "8" in the above example it is a light breeze, or 16 miles an hour. If the first figure is nine, then the barometer reading will begin with "29." For example, "9B" in the above message has a barometer reading of 29.25.

Government Regulations.

The owner of a radio receiving set does not have to obtain a license to use the set, and there are no fees or taxes levied on the receiving set as in many of the foreign countries.

The owner of an amateur radio transmitting station must obtain a station license before it can be operated. If the signals radiated therefrom are heard in another state and also if such a station is of sufficient power to cause interference with neighboring licensed stations in receipt of signals from transmitting stations outside the state. These regulations cover the operation of radio-telephone stations as well as radio-telegraph stations.

Transmitting stations must be operated under the supervision of a person holding an operator's license and the party in whose name the station is licensed is responsible for its activities.

Station licenses can be issued only to citizens of the United States, territories and dependencies.

Licenses are issued by the Department of Commerce. Examinations for licenses may be taken at the offices of the Department of Commerce Radio Supervisors, located at the following places: Custom House, Boston; Massachusetts House, Baltimore; Maryland, Custom House, New Orleans; L. C. Smith Building, Seattle; Washington Custom House, New York; Federal Building, Atlanta; Georgia Custom House, San Francisco; Federal Building, Detroit, Michigan; and Federal Building, Chicago, Illinois.

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THE GREAT AND SWEEPING Clearance of Men's Suits and O'coats

—“A marvelous sale,” men tell us. You should come and see for yourself!

—Every garment in this sale is new—nothing over three and one-half months old. You don't have to pick over the left-overs of the season's picking—neither are you obliged to select a garment two, three or more years old.

—In newness there is life!—And in every suit or overcoat here you receive a positive guarantee of satisfaction.

\$25	Suits and Overcoats	\$19.75
\$30	Suits and Overcoats	\$23.75
\$35	Suits and Overcoats	\$27.75
\$40	Suits and Overcoats	\$31.75
\$45	Suits and Overcoats	\$35.75
\$50	Suits and Overcoats	\$39.75
\$55	Suits and Overcoats	\$43.75
\$65	Suits and Overcoats	\$51.75
\$75	Suits and Overcoats	\$59.75

NOTE—This sale presents Stratford Suits and O'Coats—"America's Finest Clothes for Men," as well as other high grade makes.

“EASY” WASHER

for Her. Attractive and Mighty Practical, Too.

THE BEST WASHER MADE

The First Cost is Unimportant. Results Count. Buy an Electric Washer for What it Will Do—For the Service it will Render and the Years it will last.

The “Easy” Vacuum Electric Washer will make life happier.

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STAR JEWELRY CO.

YOU CAN'T GET BUSINESS BY KEEPING QUIET—ADVERTISE IN THE GAZETTE

Denecke's GROCERY

Prompt Delivery S. & H. Stamps given

Phone 7715 Before 8:30 A. M.

Another Saturday of Exceptional Values

You'll be pleasantly surprised at these low prices. A small surplus stock allows us to name several items at less than wholesale prices.

Fresh Churned Creamery Butter, lb. 38c

2 lb. limit with \$1 worth of more other groceries, excluding Soaps, Potatoes, Flour.

Some Real Fruit and Vegetable Bargains.

Fresh Florida Pineapple each 33c
Sunkist, Naval Oranges, med. size. Very special, doz. 33c
Fancy Winesap Apples, fine keepers 4 lbs. 25c
Mammoth extra solid Head Lettuce head 15c to 18c
Red Globe Onions, large fancy stock 6 lbs. 25c
Holland Cabbages, 10 lbs. or more pound 3c

McLaughlin's Bulk Coffees are Superior

Our New Sanitary Air Tight case is for your protection. Fresh Roasted Ground Coffee is the real secret of Better Coffee. Prices range from 30c lb. up.

Canned Goods Specials

4 B Red Ripe Tomatoes, No. 3 Solid Pack can 26, 4 for 97c
Sunshine Corn, fine quality 3 cans 44c
Little Sunshine Sweet Tender Peas, 20c value 3 cans 48c
4 B Pumpkin, large No. 3 can, priced low 3 cans 44c

Gold Rim Flour	Salad Tea
Your last chance at this very low price. 24 1/2 lb. sack.	Green or Black, wholesale price advanced 10c lb. Last call at 1/2 lb. 38c.
Limit 1 sack .. \$1.23	Pound 75c

Dried Fruits Priced Low

Annual Seedless Raisins, 2 lbs. 25c 10 lbs. \$1.08
California Best Santa Clara Prunes, 2 lbs. 28c 10 lbs. \$1.23
Bright New California Apricots, special lb. 25c 2 lbs. 45c

Kirk's Flake Soap	Surprise Toilet Soap
5-10c bars Jap Rose free with each 100 bars.	Choice of two well known brands, 10c size. Ask us whose Saturday very special.
10 bars 43c.	4 bars 23c
100 bars \$4.13	

Special N. B. Co. Assorted Chocolate Varieties, lb. 35c 1 lb. 65c
Michigan Navy Beans 3 lbs. 28c
Ferdell Mammoth Idaho Beans 2 lbs. sack 28c

Two Super-Specials

Fancy R. R. Ohio Potatoes 2 bushel bags 88c
Fancy Mo. Jonathon Apples bushel basket \$1.95

Price good Saturday to be delivered Monday

Meats

Lean Pork Roast pound 20c
Choice Pot Roast pound 18c
Bacon Squares pound 23c
Spare Ribs pound 14c
Sauer Kraut quart 10c
Fancy Milk Fed Hens pound 28c

—Basement.

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We are now showing 600 Patterns WALL DECORATIONS

Living and Dining Rooms	10c & up
Bedrooms and Halls	6 1/2c & up
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