

RADIO BROADCASTING NEWS

Vol. 2

NOVEMBER 25, 1922

No. 26



Ada Mae Weeks, Leading Lady of the "O'Brien Girl," singing "Learn to Smile," from Newark Station W J Z.

Get it for Christmas!



Capacity and prices of this new battery—the Willard F W—are as follows: 40 a. h., \$13.60; 80 a. h., \$17.50; 110 a. h., \$22.00. Prices slightly higher west of the Mississippi and in extreme south.

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The Rectigon is portable—it can be placed wherever desired. The absence of oil or grease assures against damage to your floor or rugs.

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Westinghouse



Westinghouse Electric & Manufacturing Co.
East Pittsburgh, Pa.

Member of Radio Section
Associated Manufacturers of Electrical Supplies

RADIO BROADCASTING NEWS

Published Weekly to increase interest and enjoyment in Radio Broadcasting

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EDITOR, RADIO BROADCASTING NEWS, 1205 Keenan Building, Pittsburgh, Pa.

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FIVE CENTS PER COPY

Vol. 2

November 25, 1922

No. 26

Radio Broadcasting and Thanksgiving

PERHAPS no one thing throughout the whole year has given such cause for genuine thanksgiving as has radio broadcasting and the wonderful service it has given to the people of our nation.

It has cheered the sick and lonely, it has given new hope to the shut-in and the aged, it has been a real Angel of Mercy in many lives.

It has been invaluable in business, in pleasure, and in almost every walk of life it has added something new.

To the farmer and those living in isolated sections of the country it has opened up new fields of entertainment, instruction, and usefulness.

It is popular with all ages from the child who listens to the bed-time stories, to the old man whose remaining earthly days are few.

It has touched more lives with the spirit of service, than any other agency.

Let us be reverently thankful for this great benefaction that it has been our fortune to receive.

Chicago to Broadcast Grand Opera

STATION KYW, operated by the Westinghouse Electric and Manufacturing Co. at Chicago, Illinois, enjoys the distinction of being the first broadcasting station to broadcast complete operas, having given the entire season of Grand Opera from Chicago last year. This service will be continued this year, with slight modifications to improve the service to the listener. Only such operas will be broadcasted as are adapted to radio reproduction, and the present plan is to give two evening operas each week and with the closing of the football season to add the Saturday matinee.

With the improvements which have been made in the equipment of KYW, and the great forward

strides which have been made in Radio Broadcasting, it is quite apparent that this station is giving to its immense invisible audience, an opportunity for hearing some of the world's greatest artists produce some of the world's greatest music. To some this is an opportunity which they never hoped to realize, for the voices of these great masters of song will go into sick rooms, to shut-ins, and many isolated places far from the beaten paths of men.

There was a time when grand opera was only for the few, but today its beauties are being offered almost universally, thanks to this great new instrument of public service.

Wherever radio broadcasting is being done, let us insist that it give the best, that it make this service so valuable that the great public will look upon it as being essential to happiness and comfort.

We believe that only the highest ideals of service should be held by those responsible for directing the operation of our radio broadcasting stations, and that station KYW is to give its listeners this great treat is evidence that those in charge have caught this vision of the greatest service possible.

Suggesting that this Be a Radio Christmas

AMID health and wealth; in poverty, loneliness, joy and grief; at the side of the sick, the cripple, the shut-in; at bedside and fireside; in the drawing room, the attic, the barn; in city, suburb and crowded slum; in camp and mine and farm; mountain top and darkened valley; in the snows of the north and amid the flowers of the south—there radio brings cheer.

You who know what radio means, can enter into the true spirit of the holiday season by sharing the broadcast programmes with your friends, for

"This is a Radio Christmas."

WEEK-DAY BROADCASTING SCHEDULE

Time given is Eastern Standard (Arlington) Time.

- 7:00 A. M. WGI—Setting up exercises.
- 9:00 A. M. WJZ—Markets.
WGI—Music.
- 9:30 A. M. WWJ—Tonight's Dinner, and talk by
Woman's Editor.
- 10:00 A. M. KDKA—Music.
WLW—N. Y. Stock Exchange Opening.
- 10:20 A. M. WLW—Music.
- 10:25 A. M. WWJ—Weather.
KYW—Markets—Stock.
- 10:30 A. M. WWJ—Weather.
WGI
- 11:00 A. M. KYW—Markets.
WGI—Music.
- 11:30 A. M. KYW—Markets.
- 11:55 A. M. WOC, WGY, WBZ, WJZ, WWJ—Time
Signals.
- 12:00 M. WWJ, KQV, WJZ—Music
KYW, WJZ—Markets.
WOC—Weather.
- 12:15 P. M. WJZ—Music.
- 12:30 P. M. KDKA—Music.
KYW, WGY—Markets.
- 12:45 P. M. WGY—Weather.
- 1:00 P. M. WLW, WOC—Music.
KYW—Markets.
- 1:30 P. M. KYW—Markets.
- 2:00 P. M. WGY—Music, Talks.
KYW—Markets.
- 2:15 P. M. KYW—Markets.
- 2:20 P. M. KYW—Closing Market Quotations Chi-
cago Board of Trade.
- 2:30 P. M. WLW—Music.
- 3:00 P. M. WWJ—Music.
WLW, WOC—Markets and Stock.
KDKA—Music, Football Scores.
KYW—Market and News.
- 3:15 P. M. WGI—Music.
- 3:25 P. M. WGI—Music.
- 3:30 P. M. KYW—Closing Quotations, Chicago
Stock Exchange.
WWJ—Weather.
KYW—Football.
- 3:35 P. M. KYW—Music, Tuesday and Thursday.
- 3:40 P. M. WWJ—Markets.
- 4:00 P. M. WJZ—Stocks, Markets.
KYW—News and Sports.
- 4:30 P. M. KQV, WOC—Music.
KQV—Library Letter, Friday.
KYW—News—News and Sports—Tues-
day, Thursday, Saturday.
- 5:00 P. M. WWJ, KYW—News—Sports.
- 5:15 P. M. KYW—News, Market and Stock Re-
ports.
- 5:30 P. M. KYW, WJZ—Markets, Stocks, Sports.
KYW—News and Sports.
- 6:00 P. M. WGY—Football—Saturday.
WJZ—Entertainment.
- 7:00 P. M. KDKA—News.
KDKA—Tri-weekly Letter from Farm
and Home—Monday, Wednesday,
Friday.
KDKA—U. S. Service Weekly Health
Bulletin—Tuesday, Thursday.
WJZ—Bedtime Stories.

- 7:15 P. M. KDKA—Theatrical Features.
WJZ—Talk on Dogs.
WGI—Music.
- 7:30 P. M. WBZ—Sport News—Bedtime Story.
KDKA—"Under the Evening Lamp"—
Youth's Companion, Saturday.
KYW—News, Financial, Final Market
and Sport Summary.
- 7:45 P. M. WGY—Music—Monday, Tuesday, Fri-
day.
WGY—Drama—Thursday.
WBZ—Speaker, Markets, Weather,
News.
KDKA—Markets—N. Y. Stocks.
- 7:50 P. M. KYW—Bedtime Stories.
- 8:00 P. M. KDKA—Bedtime Story.
WBZ—Music.
WLW—Music, Lectures, News—Tues-
day, Thursday, Friday.
- 8:30 P. M. KDKA—Music.
WJZ—Music and Entertainment.
WWJ—Orchestra, Town Crier, except
Saturday.
- 9:00 P. M. KYW—Musical Program.
- 9:15 P. M. WJZ—Entertainment.
- 9:30 P. M. WJZ—Music and Entertainment.
- 9:45 P. M. WJZ—Addresses, Music, Entertainment
- 9:55 P. M. KDKA, WJZ—Arlington Time Signals.
KYW—News and Sports.
- 10:00 P. M. KQV—Music, Monday, Wednesday, Fri-
day.
WJZ—Music and Special Features.
- 10:05 P. M. KYW—Special Features.

WGI—American Radio and Research Corporation—
Medford Hillside, Massachusetts.
WJZ—Radio Corp., Westinghouse, Newark, N. J.
KDKA—Westinghouse, East Pittsburgh.
WLW—Crosley Mfg. Company, Cincinnati, O.
WWJ—Detroit News, Detroit, Mich.
KYW—Westinghouse, Chicago, Ill.
WOC—Palmer School of Chiropractic, Davenport, Ia.
WGY—General Electric, Schenectady, N. Y.
KQV—Doubleday, Hill Electric, Pittsburgh, Pa.
WBZ—Westinghouse Electric & Mfg. Co., Springfield,
Mass.

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Programs for the Week

Pittsburg District

WESTINGHOUSE RADIO STATION KDKA

360 Meters East Pittsburg, Pa.

Eastern Standard Time

Sunday, November 26, 1922

- 10:45 A. M. Services of the Calvary Episcopal Church, Shady Avenue, Pittsburgh, Pa. Rev. E. J. Van Etten, Rector.
- 2:45 P. M. Children's Bible Story "Thanksgiving Story—The Man Who Turned Back", by Rev. W. A. Logan, Pastor, Alpha Lutheran Church, Turtle Creek, Pa.
- 3:00 P. M. Organ Recital by Earl Mitchell, organist, Shadyside Presbyterian Church, Pittsburgh, Pa.
- 4:45 P. M. Vesper Services of the Shadyside Presbyterian Church, Amberson Avenue near Fifth Avenue, Pittsburgh. Dr. Hugh Thomson Keer, Pastor.
- 7:30 P. M. Services of the Point Breeze Presbyterian Church, Fifth and Penn Avenues, Pittsburgh, Pa. Dr. P. H. Barker, Pastor. Pennsylvania College for Women Chorus.

Monday, November 27, 1922

- 7:00 P. M. News. Weekly Survey of Business Conditions, prepared by the National Industrial Conference Board. Tri-Weekly Letter from FARM AND HOME. The Nast Group of Radio Articles No. 32: "Frocks for Wear

**Kamiki Hawaiian Troupe Recently
Pleased KDKA Fans**



Left to Right—George Tress, ukulele; Alfred Tress, guitar; Normand Tress, tenor mandola; Wm. J. Murray, steel guitar, director

Under the Fur Coat"—VOGUE; "Style Features in Clothes as the Gentleman Sees Them"—VANITY FAIR; "Using Red in Decoration"—HOUSE & GARDEN.

- 8:30 P. M. Concert by KDKA Little Symphony Orchestra under the direction of Victor Saudek; with Gilbert Morris, tenor, and Almet Jenkinson, baritone, and Elsie Keller, pianist.

Program: Selections by the Orchestra. Overture "Mirelle," by Gounod; (a) "Thaoune," Burand; and (b) "The Evening Star," from Tannhauser, Wagner; "Prelude," "Siciliana Intermezzo," from Cavalleria Rusticana, Mascagni; and "Excerpts from the Merry Widow," Lebr. Baritone and tenor duets, "The Singer-man," and "Watchman, what of the Night," Baritone solos—"Duna," and "Where My Caravan has Rested;" "The Bandalero." Tenor solos—"Love Sends Little Gifts of Roses," and "Christ in Flanders;" "Vesta la Quibba," from "Pagliacci." Piano solos—selected. Duet—"In This Solemn Hour."

Tuesday, November 28, 1922

- 7:00 P. M. News. Weekly Fashion Talk, of interest to women, prepared by the Joseph Horne Company, Pittsburgh, Pa. United States Semi-Weekly Public Health Bulletin.
- 8:30 P. M. C. C. Humphreys, tenor, and Mrs. C. C. Humphreys, accompanist; Irene Mhliniski, pianist.

Program: Piano solos, "Minuet," Paderewski; "Polish Dance," Schawenka; "Polonaise in C Sharp Minor," Chopin; and "The Waltzing Doll," Poldini. Tenor solos—"Aria from La Boheme," Puccinni; (a) "Sunset," Russell, and "Ship that Pass in the Night," Stephenson; (a) "Ischar," Spross, and (b) "Sing to me, Sing," Homer; "The Doeskin Blanket," Cadman; "I Passed by your Window," Brage; and (a) "Oh, Moon of My Delight," Lehman; and "Where my Caravan has Rested," Lohr.

Wednesday, November 29, 1922

- 7:00 P. M. News. Tri-Weekly Letter from FARM AND HOME. Weekly Summary of the Iron and Steel Industries, prepared by the IRON AGE.
- 8:30 P. M. Concert by KDKA Little Symphony Orchestra Trio; Margaret A. Davis, Soprano; Frances Stickle, contralto;

Program: Trio, of violin, cello and piano, to be selected. Soprano and contralto duet—"The Glowing Morn," Tschaiowsky; and "Power Eternal," Rossini-Stabat Mater. Soprano solos—"Aria," "Loved One I Bid Thee Pause," and "Elisire D'Amore," Donizetti; "Come Back," Denza, and "Mother My Own," Caldwell; "Hear Ye Israel," Mendelssohn.

Contralto solos—"Turn Ye to Me," Foote, and "The Danza," Chadwick; "Night and the Curtains Drawn," Ferrata, and "I Have a Rendezvous with Death," Horsfall. Recitation and aria, "My Heart is Weary," from Nadeschda, Goring Thomas.

Thursday, November 30, 1922

- 10:45 A. M. Thanksgiving Services of the Point Breeze Presbyterian Church, Fifth & Penn Avenues, Pittsburgh, Pa. Dr. P. H. Barker, Pastor. Francis J. McConnell, D.D., B'shop of the Pittsburgh Conference of the Methodist Episcopal Church, Pittsburgh, Pa., will deliver the Thanksgiving sermon.
- 3:00 P. M. Play-by-play report of the University of Pittsburgh vs. Penn State football game direct from Forbes Field, Pittsburgh, Pa.
- 4:00 P. M. Concert by KDKA's Little Symphony Orchestra.

- 7:00 P. M. News. United States Semi-Weekly Public Health Bulletin.
- 8:00 P. M. Hints on Modern and Practical Home Furnishing, prepared by Miss Harriet Webster of The Joseph Horne Company, Pittsburgh, Pa.

An address of interest to the agriculturalist, prepared by THE NATIONAL STOCK-MAN AND FARMER, Pittsburgh, Pa.

- 8:30 P. M. Concert by the Collegiate Sextette Orchestra. Thomas Rennie, piano; Homar Graham, violin; Fred Faucett, banjo; Harry Hill, clarinet; Charles Carvey, saxophone; Robert Price, Drums; Richard Hurrell, soloist, and Lillian Frazier, accompanist.

Program: Orchestra selections—"The Dancing Fool," "Tomorrow," "Apple Blossoms," "Blue," "All Over Nothing at All," and "Song of India." Violin solos—"Spanish Dance." Tenor solos—"Elegy by Jules," Massenet; "Tell Her I Love Her So," P. DeJoye, "A Little Dutch Garden." Mead.

Friday, December 1, 1922

- 7:00 P. M. News. Tri-Weekly from FARM AND HOME. Report on World Trade Conditions, furnished by The Trade and Industrial Bureau of the Pittsburgh Chamber of Commerce.

- 8:00 P. M. "Literary Moments" by Miss Marjory Stewart.

Program: "When the Frost is on the Punkin," James Whitcomb Riley; "The One Legged Goose," Joel Chandler Harris; "The Mayflower," Alfred Noyes; "Our Country," Julia Ward Howe.

"When a Gentleman Takes Off His Hat", a weekly talk on "Etiquette" by Mrs. Margaret Story.

- 8:30 P. M. Concert by the Greater Valley Four of Wilmerding, Pennsylvania. John C. Richard, first tenor; Alfred Davis, second tenor; Alvin McFarland, baritone; J. Ren Love, basso; Ralph Harkelroad, accompanist; assisted by Margaret George, pianist.

Program: Selections by the Quartette. "Soldier's Farewell," and "Salley in Our Alley," Rosey; "The Bull Dog and the Doggy," Rosey, and "Little Tommy Went a Fishing," Macy; "Cornfield Medley," Martz, and "Jack and Jill," Martz; "Comrades in Arms," Adams. Scotch songs "When I was Twenty-One," and "Roamin' in the Gloamin'," Lauder; "It's Nice to Get Up in the Morning," and "I Think I'll get Wed in the Summer," Lauder. Tenor solo. "Little Town in the Old County Down," Pascoe. Baritone solos, "Voices of the Woods," from "Melody in F," Rubenstein; "The Unknown Shores Beyond," Solman. Piano solos, "Two Larks," Letschetizky; "Scene No. 3 from the Imaginary Ballet," S. Coleridge-Taylor; "April Showers," Fink; "Fanfare Militaire," Ascher.

Saturday, December 2, 1922

- 3:00 P. M. Popular Concert.
- 7:00 P. M. News.
- 7:30 P. M. "Under the Evening Lamp". Courtesy of YOUTH'S COMPANION.

Program: "Live Steam," story by Albert W. Tolman; "Taking no Risks," Mary Jane's preparations for marriage; "The Bedtime Bugbear"—how Mrs. Creswell got her children to go to bed; "The Thread-and-Needle Tree"—interesting facts about the yucca plant; "A Bath in Senegal,"—unwinding the hospital red tape.

- 8:30 P. M. Concert by KDKA Little Symphony Orchestra, Victor Saudek, director.

Gave Organ Recital for KDKA



Harvey B. Gaul,
composer, director and organist.

Program: March "Characteristic," Tschaikowsky; from the Nut Cracker Suite; Excerpt from the "Blue Kitten," Friml; (a) "Minuet in G," Beethoven, and (b) "Serenato," Moskowski; Fantasy from "Aida," Verdi; Waltz "Vienese," by Konzak

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November 25, 1922

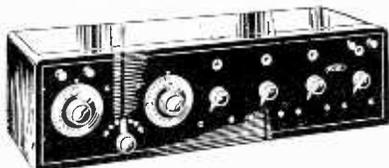
Sunday, December 3, 1922

- 10:45 P. M. Services of the East End Christ'an Church, Highland Avenue and Alder Street. Pittsburgh, Pa. Rev. John Ray Ewers, Pastor.
- 2:45 P. M. Children's Bible Story, by Rev. W. A. Logan, Pastor, Alpha Lutheran Church, Turtle Creek, Pa.
- 3:00 P. M. Musical program by the Arion Colored Male Quartet. Wm. E. Demby, first tenor and reader; Kenneth E. Robinson, second tenor; Robert A. Lewis, baritone; and Jas. E. Boone, bass. Program of Negro Spirituals, and semi-classic numbers.
- 4:45 P. M. Vesper Services of the Shadyside Presbyterian Church, Amberson Avenue near Fifth Avenue, Pittsburgh, Pa. Rev. Hugh Thomson Kerr, Pastor.
- 7:45 P. M. Services of Calvary Episcopal Church, Shady Avenue, Pittsburgh, Pa. Rev. E. J. Van Etten, Rector.

WHAf is the call signal for the station of The Radio Electric Co. of Pittsburgh, Pa., which broadcasts daily except Sunday from 11:30 a. m. until 12:00 noon, and daily except Saturday and Sunday from 3:00 p. m. until 3:30 p. m.

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**DOUBLEDAY-HILL ELECTRIC COMPANY
STATION KQV**

360 Meters Pittsburgh, Pa.
Eastern Standard Time

Monday, November 27, 1922

- 4:30 P. M. Music. Roger V. Babson's Economic Report.
- 10:00 P. M. Program by Students from the Studio of Richard Knotts, voice teacher and choir director, of Pittsburgh: Miss Margaret Schultz and Virginia Ault Wilson, sopranos; Miss Leila Johnston and Mrs. James McKain, contraltos; Mr. Glenn W. Neely and Arthur Davis, tenors; Mr. Harold Martin and Ernest Rabach, baritones.

Richard Knotts has been in the teaching field of Pittsburgh for eighteen years and is counted one of its most popular teachers. He was a pupil in Paris, of the great Sbriglia. Besides being soloist in Pittsburgh, at Calvary M. E. Church, Northside, Mr. Knotts directs the choirs of N. S. Christian, N. S. United Presbyterian, Fifth United Presbyterian and Central Christian church.

The Program: Chorus Ensemble—The Bridal Chorus— from "The Rose Maiden," by Cowen; tenor solo. "Old Fashioned Town," by Squire, Glen W. Neely; soprano solo. "Summer," by Chaminade. Miss Margaret Schultz; baritone solo. "Sunset," by Buck Mr. Harold Martin; tenor solo. "Ad, Moon of my Delight," from "Persian Garden," by Liza Lehmann; Mr. Arthur Davis; contralto solo. "Lullaby," by MacFadyen, Mrs. James McKain; soprano solo. "Villanelle," by Del Acqua, Virginia Ault Wilson; baritone solo. "Boots and Saddles," by Buck, Mr. Ernest Rabach; contralto solo. "Today and Tomorrow," by Bartlett, Miss Leila Johnston; Choral number, "O, Hush Thee my Baby."

Wednesday, November 29, 1922

- 12:30 P. M. Music. Agriogram from U. S. Department of Agriculture.
- 10:00 P. M. Thanksgiving Program—arranged by Mrs. James Olich Martin and presented by Mr. and Mrs. Oliver Heck, of Pittsburgh, with Frederic Chromis, pianist and accompanist. All are from Mrs. Martin's Studio and will give a charming program specially suited to the season. Mr. and Mrs. Heck are soloists of the Asbury Methodist church, Squirrel Hill, and as baritone and contralto concert singers have done much notable work in Western Pennsylvania. Mr. Chromis is in Pittsburgh this season unexpectedly to himself, having been a guest here during summer time and deciding to remain. He is resident of Cincinnati and a musician of exceptional attainments. He is accompanist for the season to Mrs. Martin. On this program he will play:

Sonata in A major—by Scarlatti; Hungarian Etude, by MacDowell, and will accompany Mr. and Mrs. Heck.

Announcement of numbers to be sung by Mr. and Mrs. Heck will be made later.

(Continued on page 13)

**New York and Eastern District
RADIO CORPORATION—WESTINGHOUSE
STATION WJZ**

360 Meters Newark, N. J.

Eastern Standard Time

Sunday, November 26, 1922

- 10:30 A. M. Music Program.
- 11:00 A. M. Morning Prayer and Lithany Church Services of the St. Thomas Church, 53rd Street and 5th Ave., Rev. Ernest M. Stires, D.D., rector of St. Thomas Parish for 21 years. T. Tertius Noble, organist, noted composer of religious music will direct the boys' and men's choir of 60 voices.
- 3:00 P. M. Concert by the Symphony Orchestra, Manhattan Opera House, Dirk Foch, conductor.
- Program: Tannhauser "Overture," Wagner; "Suite No. 1 Peer Gynt," Grieg; "Die Fledermans Overture," Strauss; "Valse Triste," Jean Sibelius; "Hungarian Rhapsody No. 2," Franz Liszt.
- 3:40 P. M. "Be Your Own Decorator" by Emily Burbank, lecturer on Arts and Decoration; courtesy Dodd, Mead & Company, and the National Association of Book Publishers.
- 4:45 P. M. "Something for "Everybody" copyrighted stories conducted by the Youth's Companion. "In the Nick of Time", a story by Mather Brooks; "Building Up Lucius".

Recently at Newark Station WJZ



Left to Right—William van den An del, J. O. Hovarth, discoverer of secret process to produce violins equal to the Stradivari Michael Banner, who gave public test of Mr. Hovarth's discovery, Le Roy Morris, tenor.

A Message to Radio Dealers

Sell Sets This Winter

Radio Sets should be in every home. They bring news and entertainment which interests the whole family.

Selling Sets is profitable. It brings you new customers and renewal orders from old customers. Each set you put into a home is a living advertisement for you and will sell other sets to neighbors and friends. When you sell a set the amount of sale is large, the discount is liberal, and the turnover is quick.

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- 6:30 P. M. Readings and records from "The Bubble Books that Sing" by Ralph Mayhew, Harper & Bros.
- 7:00 P. M. Adventure stories for older boys and girls, reading from "The Boys' Own Book of Great Inventions"; courtesy of the MacMillan Company.
- 7:30 P. M. "A More Honorable Man", by Arthur Somers Roche, a book review by Grace Isabel Colbron.
- 7:45 P. M. Inspirational Talk by O. S. Marden, editor of Success Magazine.
- 8:00 P. M. Concert by the pupils of Theodore Van York. Viola Blanche, lyric soprano of extraordinary range, who is well known throughout the East; Lucy V. Seidler, alto, known throughout the New England States through her concert recitals; Harry Kemp, tenor, who has had much experience in concert and oratorio; Albert Fischer, second basso in the celebrated Lyric Male Quartet; Edward Young pianist, graduate of the Institute of Musical Art, and pupil of Mme. Lichtmann, will be the accompanist.
- 9:05 P. M. Recital by Sophia Sanina, pianist.
- 9:30 P. M. "Hamlet" a Shakespearan interpretation by Mona Morgan.
- 9:55 to 10:00 P. M. Arlington Time Signals; Official Weather Forecast.
- 10:01 P. M. Continuation of the program by Mona Morgan.

November 25, 1922

Monday, November 27, 1922

- 6:00 P. M. Business and Industrial Conditions in the United States as observed by the National Industrial Conference Board.
- 7:00 P. M. Stories from the St. Nicholas Magazine.
- 8:30 P. M. "Forecasting Business Conditions" by the Alexander Hamilton Institute.
- 8:45 P. M. Recital by Hilda Goodwin, soprano, who first attracted the attention of critics by her singing at the Rialto Theater in 1917. Her success since then has greatly increased the prestige of her instructor, W. S. Brady. Miss Goodwin, who has been singing since five years of age, sings in four languages. Her repertoire embraces compositions of Mozart, Schubert, Brahms and Verdi.
- 9:15 P. M. "Money and Other Commodities" by R. Keisler, President of the New Jersey Bankers Association.
- 9:30 P. M. The 540th Mayor Hylan's Concert by the Police Band, City of New York, under the baton of Paul Henningberg. Philip Merolzheimer, City Chamberlain will give a short talk.
- Program: "Queen of Sheba;" "Wine, Women and Song;" "Hungarian Dances Nos. 5 and 6." Soprano solos by Cora Chase of the Metropolitan Opera. Walter Kieseewetter at the piano; "Taliho," "Farewell," and "Winds of the South." Baritone solo by George Simerleim, patrolman.
- 9:55 to 10:00 P. M. Arlington Time Signals. Official Weather Forecast.
- 10:01 P. M. Continuation of the program by the Police Band.

Tuesday, November 28, 1922

- 5:55 P. M. "Iron and Steel Review", by the Iron Age.
- 7:00 P. M. Music Program.
- 7:00 P. M. "Musical Stories" by Mary Plowden Kernan, lecturer for the New York City Board of Education. Miss Kernan's program consists of short piano classics; works of modern composers which she explains as she plays. She has studied with masters in Paris and in Philadelphia. Recently she gave a series of lecture-recitals in many prominent private schools in greater New York and Philadelphia.
- 9:00 P. M. "Broadcasting Broadway" by Bertha Brainard.
- 9:10 P. M. Concert by William Craig, cornetist of New York City.
- Program: "Believe Me If All Those Endearing Young Charms," "Melody in F," Rubinstein; "Calvary," Rodney.
- 9:20 P. M. Address by Wm. F. Bower.
- 9:30 P. M. Recital by Lillian Croxton, coloratura soprano who has prepared to sing 350 selections in five different languages. She has been requested to sing "Magic Flute", "Queen of the Night", operatic arias in which she takes F above high C.
- 9:50 P. M. Recital by Nathan Radoff, violinist, sixteen year old pupil of Albert Goldenberg, who recently created a sensation by his recital at the Brooklyn Academy of Music; Bernhard Baslow, accompanist.

Program: "First Movement," Lalo; "Capriceuse," Elgar; "Terpettum Mobile," Bohm; "Schon Rasmarin" Kreisler; "The Bee," Bohm, and "A La Nongroise," Housie.

- 9:55 to 10:00 P. M. Arlington Time Signals. Official Weather Forecast.
- 10:01 P. M. Continuation of the musical program.

Wednesday, November 29, 1922

- 5:55 P. M. "Iron and Steel Review" by the Iron Age.
- 6:00 P. M. Musical program.
- 7:00 P. M. "Animal Stories" by Florence Vincent Smith of the New York Evening Telegram.
- 9:00 P. M. "Fire Prevention", by Major J. H. Howland.
- 9:20 P. M. "Directing Motion Pictures" by Arthur Maude.
- 9:40 P. M. Recital by Leonard Snyder, cowboy tenor, of South Dakota.
- Mr. Snyder made his debut at the Royal Theatre at Pisa in the Opera, Andrea Chenier, and later personally selected by Mascagni to sing "Isabeau in Milano," with the composer directing his first appearance in America. Program: "E Lucevan Stelle," from Tosca; "The Lament," from Pagliacci, and several songs in English.

Thursday, November 30, 1922

- 11:00 A. M. Thanksgiving Day Holy Communion Service and Sermon at the St. Thomas Church, 5th Ave., and 53d Street, New York

An Interesting Speaker at WJZ



"Yours for the Dog" Frank F. Dole

- City. Rev. Ernest M. Stires D.D., rector of St. Thomas's Parish for 21 years. T. Tertius Noble, organist, will direct the boys' and men's choir.
- 2:00 P. M. Football game at Forbes Field, Pittsburgh, Pa., University of Pittsburgh vs. Penn State College; play by play using Western Union Telegraphic Service.
- 6:00 P. M. Musical program.
- 7:00 P. M. Jack Rabbit Stories by David Cory, of the New York Evening Mail.
- 8:30 P. M. Story of Thanksgiving.
- 9:00 P. M. Concert by Pat Kelly, Irish Tenor, arranged by the Betty Tillotson Concert Bureau.
- 9:30 P. M. "Impersonation of her adorable little girl, Joy" by Mrs. Curtis Burnley Railing, who has delighted the radio audience through WJZ by her vivid impersonations. Mrs. Railing, formerly a teacher at Women's College at Richmond, Va., began her career at an early age, when she deceived the parents of her playmates by perfectly mimicking their voices.
- 9:45 P. M. Concert by Leo Linder, violinist of New York; Mary Ludington, accompanist.

Friday, December 1, 1922

- 5:35 P. M. A story from the Youth's Companion, "Live Steam", being a boiler inspector's perilous adventure.
- 5:45 P. M. Conditions of leading industries by R. D. Wychoff, Editor of the Magazine of Wall Street.
- 6:00 P. M. Musical Program.
- 7:00 P. M. "Bedtime Stories" by Thornton Burgess.
- 7:15 P. M. "American Bred Dogs" by Frank Dole, noted authority.
- 8:30 P. M. Recital by Vladimir Rosing, famous Russian tenor who is well known to the radio audience by his concerts broadcasted last year. Since then he has made a very successful tour through Europe.
- 9:00 P. M. Literary evening conducted by the Editorial Staffs of the Outlook, Scientific American, and Harper & Bros.
- 9:30 P. M. "The Foreign Activities of the Y. M. C. A." by Dr. John R. Mott, International Committee of the Young Men's Christian Association.
- 10:01 P. M. Recital by Elinor Whittley, lyric soprano, who made her debut in Newark, N. J. Her repertoire includes lyric and dramatic selections in English, Italian, French Norwegian, and Swedish.

Saturday, December 2, 1922

- 6:00 P. M. Musical program.
- 7:00 P. M. "Uncle Wiggily Stories" by Howard R. Garis.
- 8:30 P. M. "Fashion", by an editor of Harper's Bazar.

- 9:30 P. M. Dance music by the Regal Dance Orchestra of Clifton, N. J.
- 10:01 P. M. "Current Events" by the Institute for Public Service.

Sunday, December 3, 1922

- 10:30 A. M. Musical Program.
- 11:00 A. M. Holy Communion Services of the St. Thomas Church, 5th Ave. and 53rd St. New York city. Rev. Ernest M. Stires, D.D. Rector of St. Thomas's parish for 21 years, formerly of the Grace Church, Chicago will officiate. Mr. T. Tertius Noble organist and noted composer of religious music will direct the boys and men's choir of sixty voices.
- 2:45 P. M. City Symphony Concert at the Manhattan Opera House will be conveyed to WJZ by a special Western Union wire.

The City Symphony Orchestra which was maintained by the musical society in the City of New York consists of 83 players carefully selected for their musical talent and symphonic experience. The conductor Mr. Kirk Foch, native of Holland and a composer of distinction as a conductor of symphonic concerts and opera in Amsterdam, The Hague, Stockholm, Tothenburg and other European Cities. He conducted several stadium concerts in 1919, a special Carnegie Hall concert in 1920, and was guest conductor of the St. Louis Symphony Orchestra for two concerts in 1921. The program will consist of gems for the lighter classics together with shorter symphonic poems. Young soloists of real talent and distinction will be heard at each performance. Arrangements for broadcasting the city Symphony Concerts were effected with the assistance of Popular Radio as part of this magazine's general plan for the broadcasting of the events of the highest educational and cultural value.

- 5:00 P. M. "Something for Everybody", copyrighted stories by Youth's Companion.
- 6:30 P. M. "Readings and Records from the Bubble Books that Sing", by Ralph Mayhew, Harper & Bros.
- 7:00 P. M. Adventure Stories for older boys and girls. Adventures in the Winter Skies, from the "Sky Movies", a talk by the author Gaylor Johnson, MacMillan & Co.
- 7:30 P. M. Address by Dr. C. R. Stapleton of New York City.
- 7:40 P. M. Book Review by a prominent author, Doubleday Page and Co.
- 8:00 P. M. Concert by the Manhattan Ladies Quartet of New York City, Irene Cumming, first soprano; Isabel Thorpe, second soprano; Grace Duncan, first alto; and Anna Winkopp, second alto.

This quartette which is composed of soloists is well known in church and concert work. They devoted 18 months during the war to work in Army camps, sang every afternoon in the hospital wards and gave on the average of three or four concerts a day, always receiving enthusiastic reception.

"Life Thine Eyes from "The Elijah," Mendelssohn;
"Persian Serenade," Mathews; "The Rosary," Nevin;
"Snowstorm," Rogers, "From the Land of the Sky Blue Water," Cadman; "Song and Echo," Ranger.

- 8:30 P. M. Recital by Alrocha Keonevsky, violinist of New York.
- 9:30 P. M. A mixed Shakespearean program by Mona Morgan, well known interpreter of Shakespearean plays.
- 8:45 P. M. Recital by James MacDonald, baritone of Yonkers.

November 25, 1922

**GENERAL ELECTRIC COMPANY—STATION WGY
400 Meters Schenectady, N. Y.**

Eastern Standard Time

Sunday, November 26, 1922

- 10:30 A. M. Morning service of Emmanuel Baptist church, the Rev. A. W. Rogers, pastor.
4:30 P. M. Vesper service with sermon by the Rev. H. B. Roberts of Scotia Reformed church.

Monday, November 27, 1922

- 11:55 A. M. U. S. Naval Observatory time signals.
12:30 P. M. Noon stock market quotations.
12:45 P. M. Weather report on 485 meters wavelength.
2:00 P. M. Music and special features for the housewife.
6:00 P. M. Produce market quotations and reports; closing stock market quotations; news bulletins.
7:45 P. M. Concert Program.

Instrumental selection, "After Sundown," Friml, WGY Instrumental Quartet; Cello solo, "Song to the Evening Star," Wagner, Ernest Burleigh; Soprano solos (a) "For You Alone," Geehl, (b) "Thy Beaming Eyes," MacDowell, Ella Becker Vunck; Instrumental Trio, "Melodie," Tschaiakowsky, American Trio; Piano solo, "Dedication," Jorjussen, O. G. Yettru; Soprano solos, (a) "Because," D'Hardelot, (b) "His Lullaby," Bond, Ella Becker Vunck; Instrumental selection, "Loix du Bal," (by request)—Gillet, WGY Instrumental Quartet; Address, "Wave Length and Interference," B. R. Cummings, Radio Engineer; Violin solo, "Praeludium," Moffat, Edward Rice; Soprano solo, "Angus Macdonald," Raackel, Ella Becker Vunck; Instrumental Trio, "Extase d'Amour," Roze, American Trio; Piano solo, "Legende," Jorjussen, Mr. Yettru; Instrumental selection, "Mummers March," Martel, WGY Instrumental Quartet.

Tuesday, November 28, 1922

- 11:55 A. M. U. S. Naval Observatory time signals.
12:30 P. M. Noon stock market quotations.
12:45 P. M. Weather report on 485 meters wavelength.
2:00 P. M. Music and subjects of interest to women.
6:00 P. M. Produce and stock market quotations; news bulletins.
7:45 P. M. Concert program.

Selection for two pianos, "Sylphid's Waltz," Franke, John Cowgill and J. Austin Springer; Contralto solo, "Vale," Russell, Mrs. W. J. McCann; Reading, "If I Could Be By Her," Holmes, Edward Drumm; Piano solo, "Marcel," Godard, Mr. Cowgill; Soprano solo, "A Song of India," Rimsky-Korsakoff, Mrs. Marietta White; Reading, "The Rooster," Dirsten, Mr. Drumm; Piano solo, "Scotch Poem," MacDowell, Mr. Cowgill; Bass solo, "A Song of Thanksgiving," Allitsen, Roger H. Stonehouse; Reading, "Young Fellow, My Lad," Service, Mr. Drumm; Selection for two pianos, Bridal Song, from "A Country Wedding," Goldmark, Mr. Cowgill and Mr. Springer; Soprano and Contralto Duet, "Rose of My Heart," Lohr, Mrs. White, soprano; Mrs. McCann, contralto; Piano solo, "Prelude in C Sharp Minor," Rachmaninoff, Mr. Cowgill; Bass solo, "Ma Little Banjo," Dichmont, Mr. Stonehouse; Selection for two pianos, "Norwegian Dance," Grieg, Mr. Cowgill and Mr. Springer; Trio, "O Day of Rest and Gladness," Schnecker, Mrs. White, soprano, Mrs. McCann, contralto, Mr. Stonehouse, bass.

Wednesday, November 29, 1922

- 11:55 A. M. U. S. Naval Observatory time signals.
12:30 P. M. Noon stock market quotations.

- 12:45 P. M. Weather report on 485 meters wavelength.
2:00 P. M. Music and subjects of interest to women.
6:00 P. M. Produce and stock market quotations; news bulletins.

Thursday, November 30, 1922

- 7:45 P. M. Cantata "Song of Thanksgiving" J. H. Maunder.
Presented by a Quartet from the Presbyterian Church, Johnstown, N. Y.

Mrs. Bethune Grant, Organist and Director
Miss Ruth Basselor, Soprano
Miss Olive Pearson, Contralto
William Curtin, Tenor
Arthur N. Yanney, Bass.

Instrumental selections, (a) "Festival Overture," Mahl. (b) "Largo," Handel, WGY Orchestra

Part I. Song of Thanksgiving, Come, Let us Sing. Quartet, "O Come, Let us Sing," Duet (soprano and tenor) "The Eyes of all Wait upon Thee," Quartet, "Before the Mountains were Brought Forth."

Part II. Great is the Lord, Soprano solo, "When O'er the Trees of Eden," Unison (tenor and bass), "Great is the Lord," Soprano solo, "The Streamlet Raised its Gentler Voice," Quartet, "Great is the Lord."

Part III. The Promise, Solo-Recitative (tenor) "Thus Saith the Lord," Trio (soprano, alto and tenor) "While the Earth Remaineth," Violin solo, "Melodie," Al litsen, Edward Rice.

Part IV. The Fulfillment, Contralto solo, "The Gracious Lord," Bass solo, "Consider the Lilies," Soprano solo, "O Lovely Flowers," Duet, (soprano and tenor), "The Blushing Fruits," Quartet (with bass solo), "Forever, O Lord, Thy Word Endureth."

Part V. Let All the People Praise Thee, Tenor solo, "O Thou, Whose Constant Mercies," Quartet (with bass solo) "Let All the People Praise Thee," Finale, (quartet and orchestra), "All People that on Earth do Dwell," Instrumental selections, (a) "The Flight of Ages," Bwan (b) "Festival Scene," Burgmein.

Friday, December 1, 1922

- 11:55 A. M. U. S. Naval Observatory time signals.
12:30 P. M. Noon stock market quotations.
12:45 P. M. Weather report on 485 meters wavelength.
2:00 P. M. Music and talks of interest to women.
6:00 P. M. Closing produce and stock market quotations; news bulletins.
6:30 P. M. For the children, a story from Grimm's Fairy Tales, read by Kolin D. Hager.
7:40 P. M. Health Talk, "Personal Aspects of Disease Prevention", Dr. D. B. Armstrong, secretary of National Health Council.
7:45 P. M. Radio Drama, "Lulu Bett" by Zona Gale.

The Cast

Dwight Deacon James Mullarkey
Mrs. Deacon Margaret V. Smith
Monona Ruth Edmonds
Lulu Bett, (Mrs. Deacon's elder sister)
. Viola Karwowska
Mamma Bett Helen Robertson
Dy' Pearl Campbell
Bobby Larkin Henry Miller
Ninian Deacon Frank Finch
Mr. Cornish Frank Oliver

(Continued on page 13)

Chicago and Mid-West District

WESTINGHOUSE STATION KYW

400 Meters Chicago, Ill.

Central Standard Time

Sunday, November 26, 1922

3:30 P. M. Radio Chapel Services conducted by the Rev. Frederick S. Fleming, S. T. B., of the Episcopal Church of the Atonement, Chicago, Illinois.

Monday, November 27, 1922

8:00 P. M. Musical program by the Ray Fisk Orchestra.

Tuesday, November 28, 1922

8:00 P. M. Concert by Ernest Clough, tenor, Sallie Menkes, accompanist, Jean King Leighton, pianologues; Anne Mortenson Herre, accompanist; Helen Freund, soprano; Magdalena Bader, reader from the Landis Studio.

Program: Soprano solos, selected; pianologues—"Darky Song," and "Yiddish Wedding Song;" "Stay in your own Backyard," and "Suzanne." Tenor solos. "Smile Through Your Tears." Hamblin, and "At Dawning," Cadman; "Dear Old Pal of Mine," Gitz-Rice; readings, "Anti Gossip," Anon; "At a Junction Station," arrangement, Landis.

Wednesday, November 29, 1922

8:00 P. M. Program arranged through the courtesy of Lyon and Healy Concert and Artist Department, the details of which will be announced by radiophone.

President of Rock Island at KYW



James E. Gorman



Judge Lawrence B. Jacobs,
who recently spoke from Station KYW.

Thursday, November 30, 1922

8:00 P. M. Program arranged through the courtesy of the Waukegan Elks Sextette, Fred A. L. Hupe, director.

Program: Selections by the Sextette, March, "Old Comrade," Teike, Intermezzo "After Sunset," Pryor; "Sextette from Lucia," Donizetti; "Largo," Handel; "Grandma and Grandpa," Langer; "Pilgrim Chorus from Tannhauser," Wagner; "Moreau Alita," Losey; March, "The Navy Forever," Maurice. Cornet solo. "Pyramids," Librati. Cornet duet "The Pearls," (polka) Kling.

Friday, December 1, 1922

8:00 P. M. Program, courtesy Inland Electric Company, Radio Department. Guy Shrigley, tenor and bass saxophone; Edward Kooden, cornet; Norman Lillis, alto saxophone; and clarinet; Earl Cheever, trombone; Ray Parker, drums; Arthur Sizemore, pianist and director; Melba A. Moore, pianist; Bob Meyers, baritone; Vernon Buck, tenor; and Maurice S. Wetzel, pianist.

Program: Orchestra selections, "Strawberries," Terry; "Homesick," Berlin; "Who Cares," Ager, and "Sister Kate," Piron; "Tarzan Dream," Lotter, and "Jazz-O-Nine," Bates; "You Gave Me Your Heart," Snyder; "Say It," Doerr. Tenor solos, "Jealous Blues," Sizemore-Farrell; "Hilo Bay," Sizemore-Shrigley; "Ain't Got Nothin' Blues;" "Bashful Baby," Sizemore-Shrigley. Piano solos, "A La Bien Aimee," (To

November 25, 1922

My Dearest) Schuett; "Sweet Indiana Home," Kortlander. Baritone solos, "November Rose," Snyder. "In Maytime," Snyder; and "Meet Me Next Sunday," Snyder.

**Members of Irene Bordoni Company
Recently Gave Midnight Show at KYW**



Left to Right—Harry C. Browne, banjo selections and songs; Claire Grenville, recitations; and Will Deming, French songs.

Saturday, December 2, 1922

8:00 P. M. Program by the Lyon & Healy Concert and Artist Department.

Sunday, December 3, 1922

3:30 P. M. Radio Chapel Services.

(WGY Program continued from page 11)

Instrumental selection, Intermezzo, "Dancing Nymphs" Braine, WGY Instrumental Quartet. Domestic Comedy Drama, "Lulu Bett."

First Episode: In the Deacon's dining room at the dinner hour. Introducing Mr. Deacon and his family circle. Instrumental selection, "Scented Violets," Reynard, WGY Instrumental Quartet; Domestic Comedy Drama—Lulu Bett. Second Episode: Same as Act 1. Ninian is attracted by Miss Lulu Bett. Instrumental selection, "Valse Charming," Jackson, WGY Instrumental Quartet; Domestic Comedy Drama, Lulu Bett. Third Episode: Lulu returns. Instrumental selection, Serenade, "In a Canoe," Zamecnik, WGY Instrumental Quartet; Domestic Comedy Drama, Lulu Bett. Fourth Episode: Lulu decides to leave. Instrumental selection, "Woodland Dreams," Vargas, WGY Instrumental Quartet.

10:30 P. M. Musical Program.

Fox Trot, "Tricks," St. Helier, Reutling's Imperial Orchestra; Delavan Keeler, violin, Charles B. Osan, saxophone; John Stoerber, banjo; Eric Hopkins, saxophone; Carl Siebe, banjo, Andrew DeCrosta, clarinet; Sally Corrono, traps; Fred G. Reutling, piano, Director. Baritone solo, "Why Should I Cry Over You," Miller, Lawson Shaw, Fred G. Reutling, accompanist; Fox Trot, "You'll Be Lonely Too," Van & Schenck, Reutling's Imperial Orchestra; Contralto solo, "Bendemeer's Stream," Gatty, Laura S. Coughtry; Waltz, "Swanee River Moon," Clarke, Reutling's Imperial Orchestra; Baritone solo, "Blue," Jones, Mr. Shaw; Fox Trot, "Pleasant Dreams," Werdling & Kartlander Orchestra; Contralto solo, "If," Vanderpool, Miss Coughtry; Fox Trot, "Nobody Lied," Weber, Reutling's Imperial Orchestra; Fox Trot, "If You Knew," Cantor, Tobias & Dylei, Orchestra; Baritone solo, "Faded Love Letters," Moore, Mr. Shaw; Fox Trot, "Where the Bamboo Babies Grow," Donaldson, Orchestra; Saxophone solo, "Saxophobia," Wiedoeff, Andrew De Crosta; Contralto solo, "Love in a Rosebud Sleeping," Krause, Miss S. Coughtry; Fox Trot, "Wake Up Little Girl," Herscher & Burke, Reutling's Imperial Orchestra.

(KQV Program continued from page 7)

Thursday, November 30, 1922

4:30 P. M. Music. Weekly Library Letter on "Good Reading and the New Books" from Carnegie Library, Pittsburgh, Pa.

Friday, December 1, 1922

10:00 P. M. Program to be announced by radio-
phone.

ANNOUNCEMENT—is herewith made that Judge J. F. Rutherford, of New York and London will return to Station KQV, Pittsburgh, Monday evening, December 11, to deliver his lecture "Overthrow of Satan's Dominion", supplementing the one "Millions Now Living Will Never Die" which was given over Radio from this Station October 31.

WCK is the broadcasting station of Stix, Baer and Fuller, of St. Louis Mo., which broadcasts daily from 12:00 noon to 12:30 p.m. Tuesdays and Thursdays from 3:00 p.m. to 4:00 p.m. and Mondays, Wednesdays, and Fridays at 7:00 p.m.

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SUNDAY BROADCASTING SCHEDULE

Time given is Eastern Standard (Arlington) Time

- 9:00 A. M. Church, WBS, D. W. May, Inc., Newark N. J.
Music, WHAF, Radio Electric Co., Pittsburgh, Pa.
- 10:00 A. M. Chimes, WOC, (400 meters) Palmer School of Chiropractic, Davenport, Iowa.
- 10:30 A. M. Church—WDM, Church of the Covenant, Washington, D. C.
WGY (400 meters) G. E. Co., Schenectady, N. Y.
Music, WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
- 10:45 A. M. Church—WJP, St. Joseph's College, Philadelphia, Pa.
Church—KDKA, Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.
- 11:00 A. M. Church—WGAM, Orangeburg Radio Equip. Co., S. C.
WHAB, Clark W. Thompson Co., Galveston, Texas.
WHAJ, Daily Telegraph, Bluefield, W. Va.
WKAZ, Laudan's Music Co., Wilkesbarre, Pa.
WLAO, Anthracite Radio Shop, Scranton, Pa.
WNAC, Shepard Stores, Boston, Mass.
WOK, Arkansas Light & Power Co., Pine Bluff, Ark.
BLW, T & H Radio Co., Anthony, Kansas.
WCAH, Entrekia Elec. Co., Columbus, Ohio.
Music—Lecture WIAF, Nola Radio Co., New Orleans, La.
- 11:30 A. M. Church—WGAX, Radio Elec. Co., Washington Court House, Ohio.
WGAY, North Western Radio Co., Madison, Wisc.
WRK, Doron Bros. Elec. Co., Hamilton, Ohio.
- 11:45 A. M. Church—WEAB, Standard Radio Equip. Co., Fort Dodge, Iowa.
WHAA, State University of Iowa, Iowa City.
WSB, (400 meters) Atlanta Journal, Atlanta, Ga.
- 11:55 A. M. Time Signals—WJZ, Westinghouse Elec. & Mfg., Company, Newark, N. J.
- 12:00 M. Church—WEAD, North Western Radio Supply Co., Atwood, Kansas.
WFAD, Watson Weldon Motor Supply Co., Salina, Kansas.
WFAY, Daniels Radio Supply Co., Independence, Kansas.
WIAR, J. A. Rudy & Sons, Paducah, Ky.
- 12:00 M. Church—WJAD, Jackson's Radio Eng. Lab. Waco, Texas.
WGAQ, Glenwood Radio Corp. Shreveport, La.
WLW, Crosley Mfg. Co., Cincinnati, Ohio.
WRR, City of Dallas, Dallas, Texas.
Pipe Organ Music—WJAP, Kelley Duluth Co., Duluth, Minn.
Music—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
- 12:15 P. M. Church—WSX, Erie Radio Co., Erie, Pa.
- 1:00 P. M. Church—KDZH, The Herald-Burford Co., Fresno, California.
WBS, D. W. May Inc., Newark, N. J.
- 1:20 P. M. Church—WJAP, Kelley-Duluth Co., Duluth, Minn.

- 2:00 P. M. Church — KTW, First Presbyterian Church, Seattle, Washington.
KDZI, Electric Supply Co., Wenatchee, Wash.
- 2:30 P. M. Sacred Music, Sermon—KJS, Bible Inst. of Los Angeles, Los Angeles, California.
- 2:45 P. M. Children's Bible Story—KDKA, Westinghouse Elec. & Mfg Co., East Pittsburgh, Pa.
- 3:00 P. M. Church—WGAL, Lancaster Elec. Supply & Construction Co., Lancaster, Pa.
WJAK, White Radio Lab., Stockdale, Ohio.
WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
Music—KDKA, Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.
Lecture—WDM, Church of the Covenant, Washington, D. C.
- 3:30 P. M. Church—WHAL, Jefferys & Derby, Lansing, Mich.
WIAX, Capital Radio Co., Lincoln, Nebr.
Music—WIAE, Zimmerman Radio Co., Vinton, Iowa.
Music, News—WMAH, General Supply Co., Lincoln, Nebr.
- 3:40 P. M. Children's Books—WJZ, Westinghouse Elec. & Mfg. Company, Newark, N. J.
- 4:00 P. M. Church—WFI, (400 meters), Strawbridge & Clothier, Philadelphia, Pa.
WGAT, American Legion, Lincoln, Nebr.
WLAJ, Waco Elec. Supply Co., Waco, Texas.
Sacred Music—WEAD, N. W. Kansas Radio Supply Co., Atwood, Kansas.
Concert—WGI, American Radio & Research Radio Corp., Medford Hillside, Mass.
- 4:30 P. M. Church—WGY, General Elec. Co., Schenectady, N. Y.
KYW, (400 meters), Westinghouse Elec. & Mfg. Co., Chicago, Ill.
Music—WJAD, Jackson's Radio Eng. Co., Waco, Texas.
WKY, Oklahoma Radio Shop, Oklahoma City, Oklahoma.
WAAH, Commonwealth Elec. Co., St. Paul, Minn.
- 4:45 P. M. Vesper Service—KDKA, Westinghouse Elec. & Mfg. Company, East Pittsburgh, Pa.
- 5:00 P. M. Church—WKAA, H. F. Paar, Cedar Rapids, Iowa.
KDYX, Star-Bulletin, Honolulu, Hawaii.
WBL, T. & H. Radio Co., Anthony, Kansas (360 meters).
Concert—KWG, Portable Wireless Tel. Co., Stockton, California.
Concert and Talk, KSL—The Emporium, San Francisco, California.
- 5:30 P. M. Church—WLAG, Cutting & Wash. Radio Shop, Minneapolis, Minn.
- 6:00 P. M. Church—WGF, Register & Tribune, Des Moines, Iowa.
WSB, (400 Meters), Atlanta Journal, Atlanta, Ga.
KDYS, Great Falls Tribune, Great Falls, Montana.
KTW, First Presbyterian Church, Seattle, Washington.
Concert—KLB, J. J. Dunn Co., Pasadena, California.
- 6:30 P. M. Church—WNAC, Shepard Stores, Boston, Mass.

November 25, 1922

- Reports—WGI, Radio & Research Corp. Medford Hillside, Mass.
Readings and Records, "Bubble Books That Sing."
WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
- 7:00 P. M. Church—WAAF, Jersey Review, Jersey City, N. J.
Adventure Stories—WJZ, Westinghouse Elec. & Mfg., Co., Newark, N. J.
Sports—WJAD, Jackson's Radio Eng. Lab., Waco, Texas.
Music—WOAI, Southern Equip. Co., San Antonio, Texas.
- 7:30 P. M. Church—KDKA, Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.
WBT, Southern Radio Corp. Charlotte, N. C.
WEAD, N. W. Kansas Radio Supply Co., Atwood, Kansas.
WGI, American Radio & Research Corp. Medford Hillside, Mass.
WJK, Service Radio Equip. Co., Toledo, Ohio.
WCAW, Quincy Elec. Supply Co., Quincy Herald, Quincy, Illinois.
Music—WEAB, Standard Radio Equip. Co., Fort Dodge, Iowa.
- 7:45 P. M. Church—WJT, Elec. Equip. Co. Erie, Pa.
WPJ, St. Joseph's College, Philadelphia, Pa.
Talk—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
- 8:00 P. M. Church—WKAZ, Landan's Music Co., Wilkesbarre, Pa.
WOK, Ark. Light & Power Co., Pine Bluff, Ark.
WBZ, Westinghouse Elec. & Mfg. Co., Springfield, Mass.
Book Review—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
Music—KMG, San Joaquin Lt. & Pr. Corp.
Concert—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
WQQ, Western Radio Co., Kansas City, Mo.
Police News, Church—WRR, City of Dallas, Dallas, Texas.
- 8:30 P. M. Church—WDM, Church of the Covenant, Washington, D. C.
WGAQ, Glenwood Radio Corp. Shreveport, La.
WSB, (400 Meters), Atlanta Journal, Atlanta, Ga.
Music—WEAB, Standard Radio Equip. Co., Fort Dodge, Iowa.
Concert—WGS, American Radio Research Corp., Medford Hillside, Mass.
- 9:00 P. M. Church—WSY, Alabama Power Co., Birmingham, Ala.
Concert—WFAD, Watson Weldon Motor Supply Co., Salina, Kans.
WHB, Sweeney Auto & Tractor School, Kansas City, Mo. (400 Meters).
Music, Talks, Sermon—WCAC, John Fink Jewelry Co., Fort Smith, Ark.
- 9:05 P. M. Talk and Music—WJZ, Westinghouse Elec. & Mfg. Company, Newark, N. J.
- 9:10 P. M. Church—WEY, Wichita Beacon, Kans

- 9:30 P. M. Music, Concert—WCAL, St. Olaf College, Northfield, Minn.
Reading—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
- 9:45 P. M. Music—WJAD, Jackson's Radio Eng. Lab., Waco, Texas.
- 9:55 P. M. Time Signals—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
- 10:00 P. M. Church—KGW, Ship Owners Radio Service Inc., (Daily Oregonian).
KTW, First Presbyterian Church, Seattle, Washington.
Concert, Lecture, KDYX, (360 Meters), Star-Bulletin, Honolulu, Hawaii.
- 10:00 P. M. Music—WJZ, Westinghouse Elec. & Mfg. Co., Newark, N. J.
Time, Weather, Music—WGAM, Orangeburg Radio Equip. Co. Orangeburg, S. C.
- 11:00 P. M. Music, Entertainment—KDZK, Nevada Mach. & Elec. Co., Reno, Nev.
Concert—KLB, J. J. Dunn Co., Pasadena, California.
- 11:30 P. M. News, concert, bedtime story—KDY, St. Martin's College, Lacey, Wash.
- 11:45 P. M. Church—KFAT, Pacific Radio Co., Eugene, Oregon.

NOTE—All stations listed above broadcast on 360 meters unless otherwise indicated.

Southern District

ATLANTA JOURNAL STATION WSB
400 Meters for Music and Entertainment
485 Meters for Government Reports

Central Standard Time

DAILY SCHEDULE

- 12:00 Noon to 1:00 P. M. Weather forecast and summary of Cotton States, followed by music, speeches and entertainment for employes of business and industrial plants.
- 2:30 P. M. Close on cotton and grain and spot quotations of Atlanta Commercial Exchange and U. S. Bureau of Markets.
- 4:00 P. M. Concert by Howard Theatre Orchestra, Enrico Leide, director, Jack M. Lewis, Organist.
- 5:00 to 6:00 P. M. Late news flashes, bedtime story, and music program.
- 7:00 to 8:00 P. M. Concert of vocal and instrumental numbers.
- 10:45 to 11:15 P. M. Concert and entertainment features.

SUNDAY SCHEDULE

- 11:00 A. M. Services of First Presbyterian Church of Atlanta, Dr. J. Sprole Lyons, Pastor, Charles A. Sheldon, Jr., Organist.
- 5:00 P. M. Sermon and Sacred Concert in The Journal's Radio Room.
- 8:00 P. M. Services of Wesley Memorial Church of Atlanta.

ST LOUIS POST-DISPATCH STATION KSD

Central Standard Time

On 485 Meters

9:40, 10:40, 11:40 A. M. and 12:40, 1:40, 2:40, and 4:00 P. M.

Broadcasting of the opening prices, midsession and closing quotations of the St. Louis grain market, live-stock quotations, supplied by Market Bureau Service, U. S. Dept. of Agriculture; Liverpool and New York cotton market; New York stocks, bonds and money market; poultry and butter market; metals market; U. S. official weather reports and forecast, and news bulletins.

On 400 Meters

8:00 P. M. Special program by talented singers, musicians, short addresses and other features. Details announced daily in the St Louis Post-Dispatch.

KESSELMAN-O'DRISCOLL CO.

STATION WCAY

360 Meters Milwaukee, Wisconsin

Week-day Program

8:30 to 9:00 A. M. And hourly thereafter on the half-hour to 6 P. M., special concert, novelty and test programs as announced.

8:30 to 9:30 P. M. Regular concert program. Artists announced in daily papers.

Sundays

7:30 to 8:30 P. M. Radio Chapel. Sermons and sacred music.

FEDERAL TELEPHONE & TELEGRAPH COMPANY

STATION WGR

Eastern Standard Time Buffalo, New York

On 485 Meters

12:15 P. M. Weather, Market and Grape Report and Agriograms from the U. S. Department of Agriculture.

5:30 P. M. Weather, Market and Complete Grape Report and Agriograms from the U. S. Department of Agriculture.

On 360 Meters

2:00 P. M. Music.

2:20 P. M. Closing Prices of Chicago Board of Trade.

3:15 P. M. Closing Prices of New York Stock Exchange.

3:30 P. M. Music.

5:40 P. M. Closing Prices of New York Stock Exchange and Chicago Board of Trade.

7:30 P. M. Bedtime story.

7:45 P. M. Digest of the day's news.

8:00 P. M. Time announcement.

10. Paid.
East Pittsburgh, Pa.
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Nov 25, 1922

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