

Radio

FREQUENCIES			
WIBA 1310	WFCF 1000	KNOX 1120	
WIA 970	WIBU 1240	WGN 720	
WLV 710	WENR 890	WIND 560	
WBBM 710	WTMJ 820	WJJD 1160	
WCCO 830	WMAQ 870	WLS 890	

Tonight's Aces

Quiz
8:30 p. m. — Information Please (WIBA): guests, Howard Lindsay, playwright-actor; Basil O'Connor, head of infantile paralysis foundation.

Miscellaneous
7 p. m. — Vox Pop (WBBM): interviews men of merchant marine at Seamen's Church Institute, N. Y.

8:55 p. m. — Storyteller (WENR): "Flat-top Fable."

Variety
7:30 p. m. — Burns and Allen (WBBM): with Alan Ladd.

8 p. m. — Ed Wynn Show (WENR): new time and day; Mark Warnow's orchestra, Jerry Wayne, vocalist, and Minerva Pious, comedienne.

Music
6 p. m. — Supper Club (WIBA): guest, Connie Boswell.

7:30 p. m. — Concert Hour (WIBA): with Rise Stevens, mezzo-soprano; "Ciribiribin," "March Militaire," "Sweetest Story Ever Told," "Dagger Dance."

8 p. m. — Great Artists (WIBA): Ezio Pinza, bass; "Jingle Jangle Jungle Bells," "Remember Me," "William Tell Overture," aria of the Tambour-Major from "Le Cid."

8:30 p. m. — Spotlight Bands (WENR): Louis Prima.

9 p. m. — Contended Hour (WMAQ): "Waiting for the Robert E. Lee," "Farmer in the Dell," "Down by the Old Mill Stream," "Crazy Love Song," "Gay Lombardeo (WENR): "Don't Fence Me In," "How Deep Is the Ocean," "Charmaine," "Avalon."

9:30 p. m. — Horace Heidt (WENR): Cheryl Walker, guest.

11:05 p. m. — Music from the West (WBBM): with Annette Din-



NANCY GATES
WBBM at 8

woody, central to: "Smilin' Through," "Where or When," "Juba Dance," "Our Waltz."

Drama
7 p. m. — Cavalcade of America (WIBA): Ida Lupino in "Immortal Wife."

8 p. m. — Radio Theater (WBBM): "The Master Race," with original film cast, Nancy Gates, George Coulouris, Helen Beverly.

9 p. m. — Screen Guild (WBBM): Charles Ruggles, Fay Bainter, Helen Broderick, Hattie McDaniel in "Three is a Family."

10:30 p. m. — Author's Playhouse (WIBA): Bercovici's "There's Money in Poetry."

Tuesdaytime
12 m. — Elizabeth Hart Presents (WMAQ): Dr. Harry Benaron, associate medical director, Chicago Maternity Center.

12:30 p. m. — Paula Stone (WGN): guest, Carole Landis.

2:30 p. m. — Gateways to Music (WBBM): music of the Pennsylvania Dutch area.

WIBA TONIGHT

6:00 Supper Club	9:30 NBC Doctor I. Q.
6:15 News of the World	10:00 Night News Edition
6:30 Dinner Melody	10:15 Richard Harkness
6:45 H. V. Kaitenborn	10:30 Author's Playhouse
7:00 Cavalcade of America	10:45 News Report
7:30 Concert Hour	11:05 St. Louis Serenade
7:45 Great Artists	11:30 Three Suns Trio
8:00 Information Please	11:45 Lee Sims Pianist
9:00 Famous Jury Trials	11:55 News Reports

OTHER STATIONS TONIGHT

6:00 Fulton Lewis, Jr.—WIBU	9:00 Contended Hour—WMAQ
6:00 Jack Kirkwood Show—WCCO	9:00 Guy Lombardo—WBBM
6:00 Dr. Preston Bradley—WGN	9:00 Screen Guild—WBBM
6:00 Jim Biade Music—WMAQ	9:30 Dr. I. Q.—WMAQ
6:05 Dinning Sisters—WBBM	9:30 Horace Heidt—WENR
6:15 Lum and Abner—WIBU	9:30 Thanks to the Yanks—WBBM
6:20 Dinning Sisters—WBBM	9:30 Lum and Abner—WIBU
6:25 Hedra Hopper—WBBM	9:30 Kansas Traveler—WBBM
6:30 Lum and Abner—WIBU	9:30 Supper Club—WIBA
6:35 Arkansas Traveler—WBBM	9:30 Jack Kirkwood Show—WBBM
6:40 Supper Interlude—WMAQ	9:30 Songs You Remember—WGN
6:45 Lone Ranger—WLS	9:30 Supper Club—WIBA
6:45 Bud Sings—WLS	9:30 The Story Goes—WBBM
6:45 H. V. Kaitenborn—WMAQ	9:30 Jimmy Fidler—WTMJ
6:50 Ted Malone—WLS	9:30 Just for Fun—WMAQ
7:00 Cavalcade of America—WMAQ	9:35 News Report—WMAQ
7:00 Vox Pop—WBBM WCCO KNOX	9:45 Run-Run Room—WTMJ
7:15 Lum and Abner—WLS	10:00 Music from the West—WBBM
7:20 Concert Hour—WMAQ	10:15 Chuck Keeler—WGN
7:25 Burns and Allen—WBBM WCCO	10:20 Gay Claridge Orch.—WENR
7:30 Victory Jamboree—WIBU	10:20 Guy Lombardo—WGN
7:30 Rine Date—WLS	10:30 Author's Playhouse—WIBA
7:30 Sherlock Holmes—WGN	10:30 Tommy Tucker Orch.—WBBM
7:45 Ed Wynn Show—WENR	10:30 Emil Vanday Orch.—WENR
7:50 Great Artists—WMAQ	10:35 Bill Snyder Orch.—WBBM
8:00 Radio Theater—WBBM WCCO	10:45 Nat. Service Council—WENR
8:00 Gabriel Heatter—WGN WIBU	10:45 Nite Watch (to 5:30)—WIND
8:05 Real Life Stories—WGN	10:45 The Campus Jamboree—WBBM
8:10 Book of Melody—WIBU	10:45 The Ballads—WBBM
8:15 Music of Worship—WGN WIBU	10:45 Henry Brandon Orch.—WBBM
8:20 Information Please—WBBM	10:45 That's for Me—WENR
8:30 Spotlight Bands—WENR	10:45 Les Crooners—WBBM
8:55 Storyteller—WENR	1:00 News and Music—WBBM

WIBA TUESDAY

6:00 Morning Parade	2:00 Woman of America
6:30 News Report	2:15 Ma Perkins
6:35 Morning Variety	2:30 News Report
7:00 World News	2:35 Music of the Day
7:15 Musical Clock	2:45 Right to Happiness
7:20 State Journal News	2:50 Backstage Wife
7:30 Musical Clock	3:15 Stella Dallas
7:35 Musical Clock	3:30 Lorenzo Jones
7:45 Shopping Guide	3:45 Young Widder Brown
7:50 The Tracing Post	4:00 Treasury Salute
8:15 Music of the Day	4:15 Music for School, Home
8:20 Finders Keepers	4:20 The Campus Jamboree
8:30 Road of Life—WMAQ	4:30 The Ballads
8:35 Melodic Interlude	4:30 News Edition
8:45 News	4:45 The Sports Parade
8:50 Interlude	4:55 News Report
8:55 David Harum	5:00 News Report
9:00 Linda's First Love	5:00 News Report
9:15 Mary Foster	5:00 News Report
9:20 The Farm Soundup	5:00 News Report
9:25 News Report	5:00 News Report
9:30 Farm Roundup	5:00 News Report
9:35 Farm Service	5:00 News Report
9:40 Noon News	5:00 News Report
9:45 Interlude	5:00 News Report
9:50 Guiding Light	5:00 News Report
9:55 Today's Children	5:00 News Report
10:00 Women in White	5:00 News Report
10:05 Organ Melody	5:00 News Report

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10:05 Organ Melody	5:00 News Report

AFTERNOON

1:00 Guiding Light	5:00 News Report
1:05 Today's Children	5:00 News Report
1:10 Women in White	5:00 News Report
1:15 Organ Melody	5:00 News Report

CROSS DOWN

1. Droops	11. Musical instrument	20. Thwart
2. Movable part of table top	12. Forty	21. Hastens
3. Young herring	13. Clothing	22. University (New Haven, Conn.)
4. Bend	14. End	23. Prophet
5. Music note	15. Finish	24. Top
6. Jewish month	16. Jewish	25. Accumulate
7. Catlike body	17. White crystals	26. Nutlike seed
8. Climb	18. Climb	27. Celestial body
9. Climb	19. Climb	28. Climb
10. Climb	20. Climb	29. Climb
11. Climb	21. Climb	30. Climb
12. Climb	22. Climb	31. Climb
13. Climb	23. Climb	32. Climb
14. Climb	24. Climb	33. Climb
15. Climb	25. Climb	34. Climb
16. Climb	26. Climb	35. Climb
17. Climb	27. Climb	36. Climb
18. Climb	28. Climb	37. Climb
19. Climb	29. Climb	38. Climb
20. Climb	30. Climb	39. Climb
21. Climb	31. Climb	40. Climb
22. Climb	32. Climb	41. Climb
23. Climb	33. Climb	42. Climb
24. Climb	34. Climb	43. Climb
25. Climb	35. Climb	44. Climb
26. Climb	36. Climb	45. Climb
27. Climb	37. Climb	46. Climb
28. Climb	38. Climb	47. Climb
29. Climb	39. Climb	48. Climb
30. Climb	40. Climb	49. Climb
31. Climb	41. Climb	50. Climb
32. Climb	42. Climb	51. Climb
33. Climb	43. Climb	52. Climb
34. Climb	44. Climb	53. Climb
35. Climb	45. Climb	54. Climb

CRYPTOQUOTE—A cryptogram quotation
UBPO JPR' O AC ENRC UL O B BNRNKT
JPR' O AC ENRC PO PQQ—HNW.
Saturday's Cryptoquote: MEN LOVE TO WONDER AND THAT IS THE SEED OF OUR SCIENCE—EMERSON.
Distributed by King Features Syndicate, Inc.

OTHER STATIONS TUESDAY

MORNING

6:00 Top of the Morning—WTMJ	6:05 Dinning Sisters—WBBM
6:15 Everett Mitchell—WMAQ	6:15 Music from the West—WBBM
6:30 Victory Farmers—WLS	6:30 Lum and Abner—WIBU
6:30 Devotions—WLS	6:30 Super Interlude—WMAQ
6:35 Farm Service—WIBU	6:30 Those Who Serve—WTMJ
6:40 Musical Clock—WIBU	6:30 American Melody Hour—WBBM
6:45 Farm News—WMAQ	6:45 Sing Songs—WIBU WBBM
6:50 Your Neighbor—WMAQ	6:45 H. V. Kaitenborn—WMAQ
6:50 Breakfast Club—WLS	7:00 Johnny Presents—WMAQ
6:55 My True Story—WLS	7:00 Ted Malone—WLS
7:00 Lora Lawton—WMAQ	7:00 Big Town—WBBM WCCO
7:00 Valiant Lady—WBBM WCCO	7:15 Songs to Remember—WIBU
7:05 Weather Roundup—WIBU	7:15 Alvin Young Show—WMAQ
7:05 Hebrew Christian Hour—WIBU	7:30 Date With Judy—WMAQ
7:15 Light of the World—WBBM	7:30 Guy Rogers—WGN
7:15 Robt. St. John—WMAQ	7:30 Theater of Romance—WBBM
7:30 Finders Keepers—WMAQ	7:30 Victory Jamboree—WIBU
7:30 Evelyn Winters—WBBM WCCO	7:30 Gabriel Heatter—WGN WIBU
7:35 Shady Valley Folks—WBBM	7:30 Inner Sanctum—WCCO WBBM
7:45 Listening Post—WLS	7:30 Grace Fields Show—WENR
7:45 Bachelor's Children—WBBM	7:35 Real Life Stories—WGN
7:50 Amanda—WBBM	8:15 Book of Melody—WIBU
7:50 Road of Life—WMAQ	8:15 Fiddlers and Molly—WMAQ
7:55 Breakfast at Sardi's—WLS	8:20 Symposium Hall—WGN
8:00 Rosemary—WMAQ	8:30 This is My Best—WBBM
8:05 Scoones Husband—WBBM WCCO	8:30 American Forum—WBBM
8:10 Star Playhouse—WBBM WCCO	8:30 Super Interlude—WMAQ
8:15 Bright Horizon—WBBM WCCO	8:55 Storyteller—WENR
8:20 Day News—WMAQ	9:00 Bob Hope—WBBM
8:25 Aunt Jenny—WBBM	9:00 Super Interlude—WMAQ
8:30 What's Your Idea?—WIBU WGN	9:00 Service to the Front—WBBM
8:35 Editor's Digest—WMAQ	9:00 Hildegard—WMAQ
8:40 Kate Smith Speaks—WBBM	9:00 The Golden Rule—WGN
8:45 Guiding Light—WTMJ	9:30 Congress Speaks—WBBM
8:50 Today's Children—WMAQ	9:30 Hal McIntyre Show—WENR
8:55 Rhythmic Time—WGN	9:45 World Series—WBBM
9:00 Linda's First Love—WMAQ	
9:05 Today's Children—WMAQ	
9:10 Buy Sister—WBBM WCCO	
9:15 Farm Hour—WIBU	
9:20 Helen Bryant—WBBM WCCO	
9:25 Helen White—WTMJ	
9:30 Our Gal Sunday—WCCO WBBM	

NEWS BROADCASTS

TONIGHT

5:00 WGN WMAQ	10:00 WIND
5:00 WCCO WBBM	10:00 WTMJ
5:05 WMAQ	10:00 WIBA WENR
5:10 WMAQ	10:00 WMAQ
5:30 WCCO WBBM	10:30 WBBM WGN
5:45 WMAQ WBBM	10:30 WENR
5:55 WIBA WTMJ	11:00 WMAQ
6:00 WIBU WLS	11:00 WENR WMAQ
6:05 WBBM WLS	11:00 WENR WMAQ
6:15 WTMJ	11:30 WIND
6:30 WIBU WGN	11:55 WIBA WTMJ
6:45 WBBM WLS	12:00 WMAQ WGN
6:55 WMAQ	12:00 WGN WBBM
6:55 WBBM	12:00 WGN WBBM
7:00 WBBM WCCO	12:00 WGN WBBM
7:00 WBBM WMAQ	12:00 WGN WBBM
7:01 WIBU	12:00 WGN WBBM
7:15 WGN WBBM	12:00 WGN WBBM
7:30 WIBA WMAQ	12:00 WGN WBBM
7:45 KMOX WIA	12:00 WGN WBBM
7:55 WMAQ WTMJ	12:00 WGN WBBM
8:00 WIND WBBM	12:00 WGN WBBM
8:15 WLS	12:00 WGN WBBM
8:25 WTMJ	12:00 WGN WBBM
8:30 WMAQ	12:00 WGN WBBM
8:45 WBBM WIND	12:00 WGN WBBM
8:50 WIND WBBM	12:00 WGN WBBM
9:15 WMAQ WTMJ	12:00 WGN WBBM
9:15 WMAQ WFCF	12:00 WGN WBBM
9:30 WBBM WGN	12:00 WGN WBBM
9:40 WGN	12:00 WGN WBBM
10:00 WIBU WJJD	12:00 WGN WBBM
10:30 WBBM WMAQ	12:00 WGN WBBM
10:30 WLS WBA	12:00 WGN WBBM
10:45 WLS	12:00 WGN WBBM
11:00 WIBU	12:00 WGN WBBM
11:15 WIBU	12:00 WGN WBBM
11:30 WMAQ WGN	12:00 WGN WBBM
11:45 WTMJ	12:00 WGN WBBM
12:00 WIBA WIND	12:00 WGN WBBM
12:15 WIBU	12:00 WGN WBBM
12:20 WMAQ	12:00 WGN WBBM
12:30 WIBA WMAQ	12:00 WGN WBBM
12:30 WBBM WBBM	12:00 WGN WBBM
12:45 WIBA WMAQ	12:00 WGN WBBM
12:55 WTMJ	12:00 WGN WBBM
1:00 WGN WIND	12:00 WGN WBBM
1:15 WGN	12:00 WGN WBBM
1:25 WTMJ	12:00 WGN WBBM

SPORTS REVIEWS

TONIGHT

3:45 WBA WTMJ	11:15 WMAQ
6:00 KMOX	

MARKETS

TUESDAY

A. M.		P. M.	
6:25 KMOX	12:00 WJJD	12:00 WJJD	12:00 WJJD
11:30 WLS	12:10 WIBU	12:10 WIBU	12:10 WIBU
11:45 WLS	12:40 WIBU	12:40 WIBU	12:40 WIBU
	12:50 WLS	12:50 WLS	12:50 WLS

WHA TUESDAY

MORNING

7:30 Bandwagon	12:30 Noon News
7:45 Morning News	12:30 Farm Program: Food Marketing
7:58 Program Review	12:30 News, Gordon Gunderson, News of Vocational Agriculture, Ivan G. Fay
8:00 Music You Want	1:00 Chapter a Day: "Freedom Road"
8:30 Morning Melodies	1:15 Wisconsin Legislative Forum
8:45 News and Views	1:30 Let's Draw: "The Old Castle"
9:30 Let's Find Out	2:00 Books Today
9:50 Piano Interlude	2:30 Music of the Masters
10:00 Backstage Wife	2:30 London Column
10:00 Homemakers' Program: Line, Form and Balance in Beauty, Mrs. Marlon Groth; The Bed Book, Mrs. Henry Pochmann	3:45 PTA Radio Forum: "Is Obedience What We Want?"
10:30 Campus Visitors	4:00 Steuben Music Program
10:45 Young Widder Brown—WGN	4:30 Adventure Stories: "Kidnapped," Robert Louis Stevenson
11:00 Introduction to Literature, Prof. Ricardo Quintana	4:45 Afternoon News
11:50 Noon Musicale	5:00 Masterworks of Music

SCRAPS

THE FRENCH
USE FORCIBLE FEEDING ON GEESSE TO PRODUCE PATÉ DE FOIE GRAS. GEESSE FED IN THIS MANNER DEVELOP LIVERS WEIGHING THREE POUNDS.

WHAT WERE GOLF BALLS MADE OF A CENTURY AGO?
FEATHERS WITH A LEATHER COVER.

NAVIGATORS CROSSED THE PACIFIC CENTURIES BEFORE THE TIME OF COLUMBUS USING SEXTANTS MADE FROM THE CALABASH, OR GOURD.

Uncle Ray's Corner

Moons Travel Around Six of the Planets in Solar System
A few weeks ago, a British scientist told about a rocket which he was planning to use to reach the moon. This is an old idea, but it is interesting that someone has been working on it even during wartime.

Rockets have proved "useful" in warfare, and it is possible that the time will come when one of them will reach the moon. For my part, however, I should rather not be on board it! Living conditions on the moon are far too bad for any human being to enjoy staying there. Also, there might be a bit of trouble about the return trip. Through the ages, the object we call "the moon" has been the earth's companion. It keeps go-

ing around the earth, each trip lasting about four weeks. All through the mighty journey which we make around the sun each year, the moon travels along with us.

We speak of "the moon," but in one way it would be better to speak of this object as "the earth's moon." There are many moons in our solar system.

A few planets have no moons, so far as anyone has been able to learn. The planets without moons are Mercury, Venus and Pluto.

All the other main planets have one or more moons going around them. The earth and the planet Neptune have one moon apiece. Neptune's moon is somewhat larger than the earth's moon, and seems to be almost exactly the

same size as the planet Mercury. Uranus has four moons which go around it, but all of them are smaller than the earth's moon. Mars has two very small moons. One of them is estimated to be only eight miles in diameter. The other seems to have a diameter of 15 miles.

Jupiter, the largest planet in the solar system, has the largest number of moons. Three of the 11 moons of Jupiter are larger than the earth's moon.

(For SCIENCE section of your scrapbook.)

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