

Radio

FREQUENCIES

WIBA 1310	WCFL 1000	KMOX 1120
WHA 910	WISN 1240	WGN 1280
WLB 700	WENR 880	WIND 940
WBBM 780	WTMJ 620	WJLD 1160
WCCO 1300	WMAQ 610	WLS 990

Tonight's Aces

Discussion
7:30 p. m.—America's Town Meetings (WLS): "What Should Be America's War and Peace Aims?" Sen. Claude Pepper, Foreign Relations committee; Sen. Charles W. Tobey, Naval Affairs committee; Sen. Dennis Chavez, Senate Appropriations committee; Sen. Allen J. Ellender, Naval Affairs committee.

Drama
6:30 p. m.—Mr. Keen (WBBM): solves murder in "The Barber Shop Quartet."
7 p. m.—Suspense (WBBM): Frank Sinatra in role of insane houseboy in "To Find Help."
8:30 p. m.—Corliss Archer (WBBM): has trouble with pigeons.
9 p. m.—First Line (WBBM): dramatization Helsinki shipyard worker for war contribution.

Miscellaneous
8 p. m.—Major Bowes Red Cross Show (WBBM): program presented by army.
8:55 p. m.—Storyteller (WENR): "The Road Back," tale of a man's two-sided nature.
9:15 p. m.—Dale Carnegie (WGN): talks of George M. Cohan.
9:30 p. m.—March of Time (WENR): Archbishop Maclellan, new assistant secretary of state, discusses people's foreign policy; Col. Oliver Stanley, British secretary of state of colonies, on British colonial policy; Three Suns from new musical, "Central Park."

Variety
6:30 p. m.—Bob Burns (WIBA): tries to write a song hit.
7 p. m.—Frank Morgan (WIBA): helps Cass Daley with tax.
7:30 p. m.—Dinah Shore (WIBA): guest, Frank Morgan... Sammy Kaye (WGN): seeks a beau for "Tootsie" from Mitchell Air Field, Long Island.
8:30 p. m.—Joan Davis (WIBA): from Lemoore Air Field, Calif. on third anniversary of Fourth air force.
9 p. m.—Abbott and Costello (WIBA): discuss meat shortage; music, "Don't Even Change" and "Every Time."
9:30 p. m.—Rudy Vallee (WIBA): with Monty Woolley and Andrews Sisters.

Music
8 p. m.—Supper Club (WIBA): guest, Johnny Sebastian, harmonica player.
9 p. m.—Music Hall (WIBA):



FRANK SINATRA
WBBM at 7

Duke Ellington, guest: "Let's Take the Long Way Home," "There Goes That Song Again," "Running Wild."

8:30 p. m.—Spotlight Bands (WENR): Bobby Sherwood. Treasure Hour of Song (WGN): "Morning" by Speaks, "Largo al factotum" from "Barber of Seville," "Love, Here Is My Heart."

9 p. m.—Fred Waring (WENR): "Once Upon a Time," musical drama featuring American folk songs of Erie Canal period.

9:30 p. m.—Here's to Romance (WBBM): guest, Kay Armen; "Begin the Beguine," "Right as the Rain," "Arkansas Traveler," "I Dream of You."

10:30 p. m.—Music in American Cities (WIBA): guests, Ecuadorian Trio, instrumental group.

11:05 p. m.—Listen to Lawrence (WBBM): new weekly program by Elliott Lawrence and orchestra, with Jack Hunter, baritone; features concert number in original form and then with modern treatment; finale from Mozart's "Sonata in A Major for Piano," with Lawrence as soloist; "Turkish March," "Lover, Come Back to Me," "April in Paris."

Friday-time
9 a. m.—My True Story (WLS): tale of snarled romance.
9:45 a. m.—Listening (WLS): magazine story, "Fiddle Foot" by Alice Covert.
2:30 p. m.—This Living World (WBBM): describes functions of U. S. public health service.
8:15 p. m.—Lyn Murray Orchestra (WBBM): with Donald Dame, tenor; "I Love a Lassie," "Clouds," "I'm Falling in Love With Someone."

DAILY CROSSWORD

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|-------------------------------|-----------------------|--------------------------------|
| ACROSS | 3. Sack flax | 10. Insect |
| 1. Refuse of grapes | 4. Distinct | 21. Pertinent |
| 5. Grown old | 6. Warp-yarn | 22. Worthy of honor, as a poet |
| 9. Desert animal | 7. River | 23. Sprite |
| 10. Infants | 8. (Span.) substances | 25. Oily |
| 12. Rugged mountain | 9. Sweets at a meal | 26. Custom |
| 13. Explode | 10. Bounder | 31. Deavour |
| 14. Lair | 11. Small | 35. 31 days |
| 15. Lik | 12. Snickers | 41. Exude |
| 17. Fail to win | 13. Snarled | 42. Bitter vetch |
| 18. Malayan boat | 14. Coin (Fr.) | 44. Observe |
| 20. Erubum | 15. Money | 40. Nocturnal birds |
| 21. Toward the ice | | 46. Water (Fr.) |
| 24. Unroll | | |
| 27. Becomes dull | | |
| 29. Flavor | | |
| 30. Roughen, as water surface | | |
| 32. Proof | | |
| 33. Gold (Her.) | | |
| 34. Sweet potatoes | | |
| 36. Laborer (Sp.) | | |
| 37. Sign of indignity | | |
| 40. Metallic rock | | |
| 43. Fertile spots in deserts | | |
| 45. More recent | | |
| 47. Plight | | |
| 48. Stories | | |
| 49. Scottish | | |
| 50. Outer covering of a seed | | |
| DOWN | | |
| 1. Female horse | | |
| 2. So be it | | |



Yesterday's Answer
41. Exude
42. Bitter vetch
44. Observe
46. Water (Fr.)

CRYPTOQUOTE—A cryptogram quotation
V C W L N A V T E H K P A E E A T E N V J
V D D E N A N A V L K H J E N A F W T L L
D O E E W J.
Yesterday's Cryptoquote: WHAT THE EYE VIEWS NOT, THE HEART CRAVES NOT AS WELL AS RUES NOT—PENN.
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Hotel Pfister
MILWAUKEE 2
RAY SMITH, President

If it's Convenience... you demand as the primary qualification of your hotel in Milwaukee—here's why you'll like the Pfister: It's downtown, right in the East Side shopping area; all public transportation is at its doors; it is opposite the Federal Bldg.; 4 blocks from Lake Michigan—and within short walking distance of Theaters.

Three pleasant dining rooms, including the famous English Room.
Room with Bath—\$2.75 UP

WIBA TONIGHT

- 5:58 News Reports
6:00 NBC Supper Club
6:10 NBC Night News
6:30 NBC Bob Burns Show
6:30 NBC Frank Morgan
6:30 NBC Above's Open House
6:30 NBC Music Hall
6:30 Village Store
6:00 Jim Blade's Music—WMAQ
6:00 Fulton Lewis, Jr.—WIBU
6:00 Supper Club—WTMJ
6:00 Dr. Preston Bradley—WGN
6:05 Dinning Sisters—WBBM
6:10 Lum and Abner—WIBU
6:15 Music That Satisfies—WBBM
6:15 Discussion Club—WLS
6:15 John W. Vandercreek—WMAQ
6:30 Supper Club—WMAQ
6:30 Mr. Keen—WBBM KMOX
6:30 Hollywood Theater—WIBU
6:45 V. Kallenborn—WMAQ
6:45 Victory Jamboree—WIBU
7:00 Suspense—WBBM WCCO
7:00 Kallenborn—WMAQ
7:15 Lum and Abner—WIBU
7:15 Song for Today—WIBU
7:15 Art Karsel—WGN
7:30 Sammy Kaye Show—WGN WIBU
7:30 America's Town Meeting—WLS
7:30 North Valley Sheriff—WBBM
7:30 Dinah Shore—WMAQ
8:00 Red Cross Show—WBBM
8:00 Gabriel Heatter—WIBU WGN
8:00 America's Town Meeting—WENR
8:00 Music Hall—WMAQ
8:15 Here Comes the Navy—WIBU
8:15 Real Estate—WGN
8:30 Spotlight Bands—WENR
8:30 Corliss Archer—WBBM WCCO
8:30 Treasure Hour of Song—WGN
8:30 Village Store—WMAQ

WIBA FRIDAY

- 6:00 Morning Parade
6:30 News Report
6:35 Morning Variety
6:35 NBC News Roundup
7:15 Musical Clock
7:15 State Journal News Edition
7:30 Musical Clock
8:30 Contests
8:35 Interlude
8:45 Shopping Guide
9:00 The Trading Post
9:15 NBC Revue Roundup
9:15 NBC News
10:00 NBC Road of Life
10:15 Home Front Quartetmaster
10:45 Interlude
10:45 NBC David Harum
10:45 NBC Nightly News
11:15 Macy Foster
11:30 The Farm Roundup
12:00 News Reports
12:05 The Farm Roundup
12:15 Farm Service
12:30 Interlude
1:00 NBC Guiding Light
1:15 NBC Today's Children
1:30 NBC Women in White
1:45 NBC
2:00 NBC Woman of America
2:15 NBC Ma Perkins

WHA FRIDAY

- 7:30 Band Wagon
7:45 Morning News
7:55 NBC Program Review
8:00 Music of the Week
8:30 Sacred Organ Music: Dorothy Sayre
8:45 Morning Melodies
8:15 News and Views
9:30 Rhythm and Gams: "Our Own Rhythm Band"
9:50 Piano Interlude
9:57 Weather Report
10:00 Homefront Program: Legislation Affecting Women, Belle Alexander; Wisconsin's Children, Charles Van Cleave
10:30 Concert Aids
10:45 French Program
11:00 Live Limbuck

OTHER STATIONS FRIDAY

- 6:30 Lone Ranger—WLS
6:30 Friday Night Jamboree—WBBM
6:45 Old Timer's Jamboree—WIBU
6:45 St. V. Kallenborn—WMAQ
6:50 The Future—WBBM
7:00 Adrich Family—WBBM
7:00 Highways in Melody—WMAQ
7:20 Thin Man—WCCO
7:30 Freedom of Opportunity—WGN
7:30 Duffy's Tavern—WMAQ
7:45 Waltz Time—WBBM
8:00 Famous Jury Trials—WENR
8:00 It Pays to be Incontinent—WBBM
8:00 Gabriel Heatter—WGN WIBU
8:15 Book of the Future—WBBM
8:15 Real Life Stories—WGN
8:30 Spotlight Bands—WENR
8:30 People Are Funny—WMAQ
8:30 Double or Nothing—WGN WIBU
8:35 Storyteller—WBBM
9:00 Boxing—WGN WIBU
9:00 "Tutanie and Moore"—WBBM
9:00 Amed and—WMAQ
9:30 Bill Stern—WMAQ
9:30 Stage Door Canteen—WBBM
10:00 Supper Club—WMAQ
10:00 NBC Kirkwood—WBBM
10:15 So The Story Goes—WBBM
10:45 Fulton Lewis, Jr.—WGN
10:45 Doctors Talk It Over—WENR
10:45 Rumpus Room—WBBM
11:05 Toronto Calling—WBBM
11:15 Gay Claridge—WENR
11:15 Carmen—WBBM
11:30 We Came This Way—WMAQ
11:30 Emil Vandas—WGN
11:30 Lawrence Welk—WGN
11:30 Tommy Tucker—WBBM
11:45 Will Beck—WBBM
12:05 Henry King—WGN
12:05 Cab Calloway—WBBM
12:05 Musical Nightcap—WMAQ
12:30 Mite and—WIND
12:15 That's for Me—WENR
12:30 Les Crisley—WBBM
12:30 Art Kassel—WGN
1:00 News and Music—WBBM
1:00 Chuck Foster—WGN

NEWS BROADCASTS

- 5:00 WBBM WIBU 8:00 WIBU WGN
5:00 WMAQ WGN 10:00 WIBU WBBM
5:05 WBBM WCCO 10:15 WMAQ WMAQ
5:10 WBBM WGN 10:30 WBBM WBBM
5:15 WBBM WMAQ 10:30 WBBM WGN
5:20 WBBM WBBM 10:45 WGN
5:25 WBBM WBBM 10:45 WGN WENR
5:30 WLS WIND 11:00 WIBU WMAQ
5:35 WBBM WMAQ 11:00 WBBM WTMJ
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5:50 WIBU WGN 12:00 WENR WMAQ
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FRIDAY

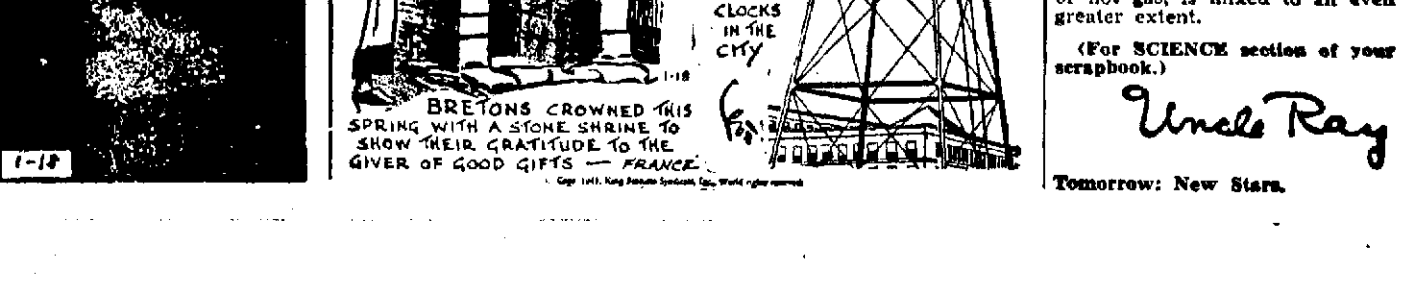
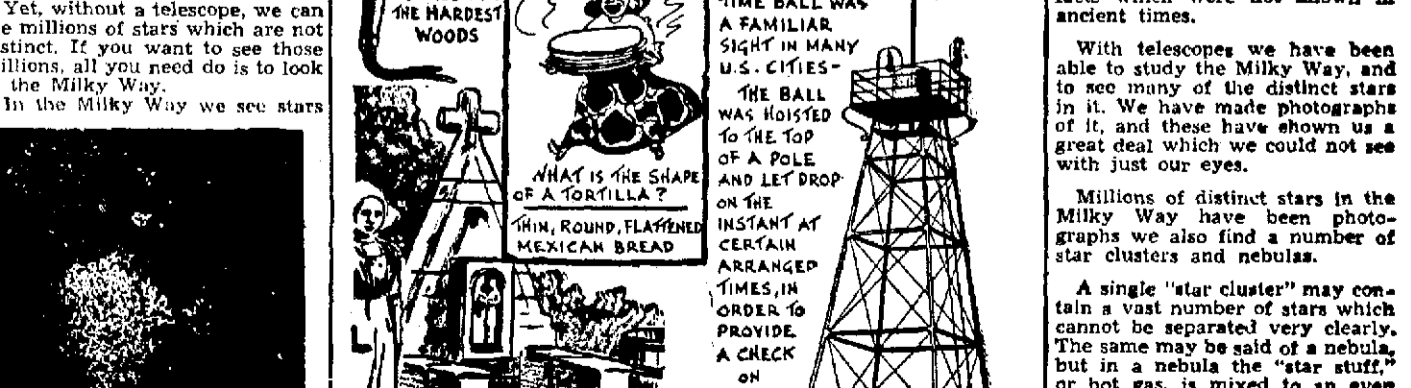
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SPORTS REVIEWS

- 8:45 WBBM WTMJ 11:15 WMAQ
8:00 KMOX
8:45 WTMJ WBBM 9:30 WMAQ
8:00 KMOX
8:15 WBBM
8:45 WTMJ 11:15 WMAQ
8:00 KMOX
8:15 WBBM

MARKETS

- FRIDAY
A. M. P. M.
8:25 SIOUX 12:10 JET
11:30 WLS 12:15 WIRA
11:45 WLS 12:40 WIRA
11:45 WLS 12:40 WLS
11:10 WLS 11:10 WLS



UNCLE RAY'S CORNER
MILKY WAY IS PATH OF LIGHT PRODUCED BY COUNTLESS STARS
How many distinct stars can you count on a clear night? Some persons would answer "millions," but before you give that answer, notice the word "distinct" in the question. Careful tests have been made, and it has been found that only a few thousand stars can be counted separately without the help of a telescope.

Yet, without a telescope, we can see millions of stars which are not distinct. If you want to see those millions, all you need do is look at the Milky Way.

In the Milky Way we see stars which seem to be "jammed together." They form a misty path of light across the sky. We see this path in North America, and people in Australia can see it, too. In Australia, however, the people look at a different section of the Milky Way.

In the old days of fables and myths, there were efforts to explain the Milky Way. One story was told in Egypt, and it goes like this: "The goddess Isis was carrying a load of wheat across the sky. Suddenly she saw a monster which was running after her. She ran so fast she could not escape and, as she did so, she dropped bits of wheat from the sack. This wheat became the Milky Way."

That goddess must have been carrying a great deal of wheat! All the wheat ever raised on earth would not fill a millionth part of one small section of the Milky Way!

In modern times, astronomers have used telescopes to study the sky, and they have learned many facts which were not known in ancient times.

With telescopes we have been able to study the Milky Way, and to see many of the distinct stars in it. We have made photographs of it, and these have shown us a great deal which we could not see with our eyes.

Millions of distinct stars in the Milky Way have been photographed; we also find a number of star clusters and nebulas.

A single "star cluster" may contain a vast number of stars which cannot be separated very clearly. The same may be said of a nebula, but in a nebula the "star stuff," or hot gas, is mixed to an even greater extent.

(For SCIENCE section of your scrapbook.)

Uncle Ray

Tomorrow: New Stars.