(Programs listed in The Wisconsin State Journal are checked to the last possible moment. Changes may be made, however, at the discretion of stations and networks.)

What's on the Air

FREQUENCIES					
WIBA	1310	WCFL	1000	KMOX	1120
WHA	970	WIBU	1240	WGN	720
WLW	700	WENR	890	WIND	560
WBBM	780	WTMJ	620	WJJD	1160
WCCO	830	WMAQ	670	WLS	890

Tonight's Aces

Music

7 p. m. — Allan Jones, Frankie Carle (WBBM): "I'll Be Seeing You," "12th St. Rag," "I'll Follow My Secret Heart."

7:30 p. m. — Xavier Cugat (WGN): "Peter, Peter, Pumpkin Eater," "Perfidia," Frenesi."

8:15 p. m. — Screen Test (WGN): Norton sisters.

8:30 p. m. — Spotlight Bands (WENR): Charlie Barnett.

9 p. m. — Great Moments in Music (WBBM): Igor Gorin, Jean Tennyson, Jan Peerce, excerpts from "The Vagabond King."

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Variety

8 p. m. — Jack Carson (WBBM): at new time.

8:30 p. m. — Mildred Bailey (WBBM): new series; Paul Whiteman, first guest.

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Drama

7 p. m. — Mr. and Mrs. North (WIBA): Jerry's flower purchase leads to trouble.

7:30 p. m. — Dr. Christian (WBBM): Jean Hersholt in "The Mark of Buddha," prize script.

8:30 p. m. — Mr. District Attorney (WIBA): counterfeiters and surrealism don't mix.

10:30 p. m. — Arthur Hopkins Presents (WIBA): Pauline Lord and Sidney Blackmer in "The Late Christopher Bean."

IGOR GORIN
WBBM at 9

Miscellaneous

8 p. m. — Dunninger (WENR): tries to locate Chicago war bond poster.

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Thursdaytime

1 p. m. — A Chapter a Day (WHA): "The Cabin," by Marquis Childs, State Journal columnist.

4:45 p. m. — Excursions in Science (WHA): Dr. Charles H. Smiley explains emergency navigation.

WIBA TONIGHT

5:00 WIBA Rangers
5:30 News Edition
5:45 Sports Parade
5:55 News Report
6:00 NBC Music Shop
6:15 NBC News of the World
6:30 Dinner Melody
6:45 NBC H. V. Kaltenborn
7:00 NBC M. & Mrs. North
7:30 NBC Beat the Band
8:00 NBC Eddie Cantor
8:30 NBC Mr. District Attorney
9:00 NBC Kay Kyser
10:00 Night News and Edition
10:15 BLUE Raymond Gram Swing
10:30 NBC Arthur Hopkins Presents
11:30 NBC Design for Dancing
11:55 NBC News Report

OTHER STATIONS TONIGHT

5:15 Malcolm Claire—WENR
5:15 Lyn Murray Orch.—WBBM
5:15 University Special—WIBU
5:15 Safety Legion—WGN
5:30 Jack Armstrong —WENR
5:30 Tom Mix—WIBU WGN
5:45 Superman—WGN WIBU
5:45 Capt Midnight—WENR
6:00 Music Shop—WTMJ
6:00 Fulton Lewis, Jr.—WIBU
6:00 Jim Blade Music—WMAQ
6:15 Passing Parade—WBBM
6:30 Supper Interlude—WMAQ
6:30 Easy Aces—WBBM KMOX
6:30 Lone Ranger—WLS
6:45 Ration Reporter—WIBU
6:45 The Lion's Roar—WGN
6:45 H. V. Kaltenborn—WMAQ
7:00 Allan Jones, Frankie Carle—WBBM
7:00 Victory Jamboree—WIBU
7:00 Mr. & Mrs. North—WMAQ WTMJ
7:15 Return of Nick Carter—WGN
7:15 Your Reporter—WIBU
7:15 Lum and Abner—WLS
7:30 Xavier Cugat—WGN
7:30 Beat the Band—WMAQ WTMJ
7:30 Dr. Christian—WBBM WCCO
7:30 My Best Girls—WLS
8:00 Jack Carson—WBBM
8:00 Gabriel Heatter—WGN WIBU
8:00 Dunninger—WENR
8:00 Eddie Cantor—WMAQ WTMJ
8:15 Screen Test—WGN
8:15 Today's American Hero—WIBU
8:30 Mildred Bailey—WBBM
8:30 First Nighter—WGN WIBU
8:30 Mr. District Attorney — WMAQ
8:30 Spotlight Bands—WENR
8:55 Storyteller—WENR
9:00 Royal Arch Gunnison—WIBU
9:00 Arch Ward's Sports—WGN
9:00 Raymond Gram Swing—WENR
9:00 Kay Kyser—WMAQ WTMJ
9:00 Great Moments in Music—WBBM
9:15 Ted Malone—WENR
9:15 Victory is Our Business—WCFL
9:30 Northerners—WGN
9:30 Soldiers With Wings—WCFL
9:30 Report to the Nation—WBBM
10:00 Music Shop—WMAQ
10:00 Radio Newsreel—WIBU
10:00 Answer Man—WGN
10:00 I Love a Mystery—WBBM
10:15 Story Drama—WENR
10:15 So the Story Goes—WBBM
10:30 Treasury Salute—WENR
10:30 Playtime—WMAQ
10:45 Rumpus Room—WTMJ
10:45 Serenade and Swing—WBBM
11:05 Petrillo, Janette and MacCormack—WBBM
11:10 Benny Strong Orch.—WGN
11:15 Gay Claridge Orch.—WENR
11:15 One for the Books—WMAQ
11:20 Little Night Music—WMAQ
11:30 Words at War—WMAQ
11:30 Ray Benson Orch.—WBBM
11:30 Eddie Oliver Orch.—WENR
11:30 Carmen Cavallaro Orch.—WGN
12:00 Say It With Music—WENR
12:00 Nite Watch (to 6)—WIND
12:05 Promenade Concert—WMAQ
12:05 Henri Gendron Orch.—WBBM
12:05 Chuck Foster Orch.—WGN
12:30 Bill Snyder Orch.—WBBM
12:30 Dance Orch.—WGN
1:00 News and Music—WBBM
1:00 Music, News (to 3)—WENR
1:00 Melody Time—WGN

WIBA THURSDAY

MORNING
6:00 Morning Variety
6:30 News Report
6:35 Interlude
6:45 Patsy and Her Guitar
7:00 NBC World News
7:15 Trading Post
7:25 Interlude
7:30 State Journal News Edition
7:50 Musical Clock
8:30 Contests
8:35 Interlude
8:45 Shopping Guide
9:00 The Gospel Twins
9:15 Belgian Information
9:30 Melody in Spanish
9:45 Lutheran Gospel Hour
10:00 NBC Road of Life
10:15 Music of the Day
10:30 News
10:40 Interlude
10:45 NBC David Harum
11:00 Linda's First Love
11:15 Mary Foster
11:30 Farm Roundup

AFTERNOON
12:00 News Report
12:05 Farm Roundup
12:15 Farm Service
12:30 Noon News
12:50 Interlude
1:00 NBC Guiding Light
1:15 NBC Today's Children
1:30 NBC Women in White
1:45 Serenade with Jan Loring
2:00 NBC A Woman of America
2:15 NBC Ma Perkins
2:30 Music of the Day
2:45 NBC Right to Happiness
3:00 NBC Backstage Wife
3:15 NBC Stella Dallas
3:30 NBC Lorenzo Jones
3:45 NBC Young Widder Brown
4:00 Campus Jamboree
4:45 Pet Lovers Corner

EVENING
5:00 WIBA Rangers
5:30 News Edition
5:45 Sports Parade
5:55 News Report
6:00 NBC Music Shop
6:15 Dinner Melody
6:30 NBC Bob Burns
7:00 NBC Those We Love
7:30 NBC The Aldrich Family
8:00 NBC Music Hall
8:30 NBC Joan Davis, Jack Haley
9:00 NBC Harry Savoy
9:30 Melodic Interlude
9:45 Life of Gen Smuts
10:00 Night News Edition
10:15 BLUE Raymond Gram Swing
10:30 Treasury Salute
10:45 Serenade
11:00 NBC News Report
11:05 Masterworks
11:30 NBC Design for Listening
11:55 NBC News Report

OTHER STATIONS THURSDAY

—MORNING—

6:00 Paul Gibson—WBBM
6:00 Breakfast Frolics—WGN
6:00 Farm Service—WLS
6:00 Top o' The Morning—WTMJ
6:15 Everett Mitchell—WMAQ
6:15 Morning Devotions—WLS
6:30 Victory Farmers—WLS
7:00 Pats Gallicchio—WMAQ
7:01 Farm Service—WIBU
7:45 Dr. Preston Bradley—WLS
8:00 Your Neighbor—WMAQ
8:30 Breakfast Club—WLS
9:00 Valiant Lady—WBBM WCCO
9:00 Sweet River—WLS
9:00 Lora Lawton—WMAQ WTMJ
9:00 Hebrew Christian Hour—WIBU
9:15 Light of the World—WBBM
9:15 My True Story—WLS
9:30 Shady Valley Folks—WIBU
9:30 Echoes from Tropics—WMAQ
9:30 Open Door—WBBM WCCO
9:45 Listening Post—WLS
9:45 Star Playhouse—WMAQ WTMJ
9:45 Bachelor's Children—WBBM
10:00 Breakfast at Sardi's—WLS
10:00 Road of Life—WMAQ WTMJ
10:00 Honeymoon Hill—WBBM WCCO
10:15 Second Husband—WBBM WCCO
10:15 Vic and Sade—WMAQ WTMJ
10:30 The Brave Tomorrow—WMAQ
10:30 Bright Horizon—WBBM WCCO
10:45 David Harum—WMAQ WTMJ
10:45 Aunt Jenny's Stories—WBBM
10:45 What's Your Idea?—WIBU WGN
11:00 The Editor's Daughter—WMAQ
11:00 Boake Carter—WGN WIBU
11:00 Kate Smith Speaks—WBBM
11:00 Guiding Light—WTMJ
11:00 Martha and Helen—WLS
11:15 Rhymster Time—WGN
11:15 Linda's First Love—WMAQ
11:15 Farm Hour—WIBU
11:15 Today's Children—WTMJ
11:15 Big Sister WBBM WCCO KMOX
11:30 Light of the World—WTMJ
11:30 Helen Trent—WBBM WCCO
11:45 Our Gal Sunday—WBBM WCCO

—AFTERNOON—

12:00 Dinner Bell Time—WLS
12:00 Elizabeth Hart Presents—WMAQ
12:00 Life Can Be Beautiful—WBBM
12:00 The Grenadiers—WTMJ
12:15 Ma Perkins—WBBM WCCO
12:30 Bernardine Flynn—WBBM
12:30 Loop Noonday Service—WJJD
12:45 Treasury Salute—WMAQ
12:45 American Women's Jury—WGN
12:45 The Goldbergs—WBBM WCCO
1:00 Farm Service—WIBU
1:00 Life Can Be Beautiful—WTMJ
1:00 Guiding Light—WMAQ
1:00 Portia Faces Life—WBBM
1:15 Si Hays—WIBU
1:15 The Goldbergs—WTMJ
1:15 Joyce Jordan—WBBM WCCO
1:15 Today's Children—WMAQ
1:30 Woman in White—WMAQ
1:30 Dr. Malone—WBBM WCCO
1:30 Aunt Jenny's Stories—WTMJ
1:30 Jack Berch—WIBU
1:45 Hymns of All Churches—WMAQ
1:45 Perry Mason—WBBM KMOX
2:00 Tidings of Hope—WIBU
2:00 Morton Downey—WLS
2:00 Mary Marlin—WBBM WCCO
2:00 A Woman of America—WMAQ
2:15 Ma Perkins—WTMJ WMAQ
2:15 Hollywood Star Time—WLS
2:30 Nashville Varieties—WIBU
2:30 Appointment with Life—WCFL
2:30 Pepper Young—WMAQ WTMJ
2:45 Sox vs. Browns—WIND
2:45 Right to Happiness—WMAQ
2:55 Cubs vs. Cardinals—WJJD
3:00 Backstage Wife—WMAQ WTMJ
3:00 Broadway Matinee—WBBM
3:00 Family Bible Hour—WIBU
3:15 Stella Dallas—WMAQ WTMJ
3:15 Don Norman Show—WENR
3:30 Full Speed Ahead—WIBU
3:30 Judy and Jane—WGN
3:30 Lorenzo Jones—WMAQ WTMJ
3:45 Widder Brown—WMAQ WTMJ
4:00 When a Girl Marries—WMAQ
4:00 Rev. Polley—WIBU
4:00 Mystery Chef—WENR
4:15 We Love and Learn—WMAQ
4:30 Parade of Bands—WIBU
4:30 Just Plain Bill—WMAQ WTMJ
4:45 Front Page Farrell—WMAQ
4:45 Dick Tracy—WENR

—EVENING—

5:00 Terry and the Pirates—WENR
5:15 Malcolm Claire—WENR
5:15 Safety Legion—WGN
5:15 University Special—WIBU
5:30 Tom Mix—WGN WIBU
5:30 Jack Armstrong—WENR
5:45 Capt. Midnight—WENR
5:45 Superman—WIBU WGN
6:00 Jim Blade's Music—WMAQ
6:00 Fulton Lewis, Jr.—WIBU
6:00 Music Shop—WTMJ
6:15 Passing Parade—WBBM WCCO
6:15 Lum and Abner—WIBU
6:30 Mr. Keen—WBBM KMOX
6:30 Hollywood Theater—WTMJ
6:45 Discussion Club—WLS
6:45 H. V. Kaltenborn—WMAQ
7:00 Suspense—WCCO WBBM
7:00 Those We Love—WMAQ
7:00 Confidentially Yours — WGN
7:15 Return of Nick Carter—WGN
7:15 Lum and Abner—WLS
7:30 Human Adventure—WGN
7:30 America's Town Meeting—WLS
7:30 Old Timer Jamboree—WIBU
7:30 Death Valley Days—WBBM
7:30 Aldrich Family—WTMJ WMAQ
8:00 Music Hall—WMAQ WTMJ
8:00 Gabriel Heatter—WIBU WGN
8:00 Major Bowes' Amateurs—WBBM
8:00 America's Town Meeting—WENR
8:15 Screen Test—WGN
8:15 Today's American Hero—WIBU
8:30 Starlight Serenade—WIBU WGN
8:30 Spotlight Bands—WENR
8:30 Joan Davis—WMAQ WTMJ
8:30 Dinah Shore—WBBM WCCO
8:55 Storyteller—WENR
9:00 Harry Savoy—WMAQ
9:00 Raymond Gram Swing—WENR
9:00 The First Line—WBBM WCCO
9:15 Dale Carnegie—WGN
9:30 Army Air Forces—WIBU
9:30 Lone Ranger—WCFL
9:30 March of Time—WMAQ WTMJ
9:30 Joe E. Brown—WENR
9:30 Here's to Romance—WBBM
9:30 Swing's the Thing—WGN
10:00 I Love a Mystery—WBBM
10:00 Music Shop—WMAQ
10:15 King's Jesters & Janette—WBBM
10:30 Kay Lorraine—WMAQ
10:30 Treasury Salute—WENR
10:45 Rumpus Room—WTMJ
11:05 Duke Ellington Orch.—WBBM
11:15 Benny Strong Orch.—WGN
11:15 Lew Diamond Orch.—WENR
11:15 One for the Book—WMAQ
11:30 Bill Snyder Orch.—WBBM
11:30 Eddie Oliver Orch.—WENR
11:30 Design for Listening—WMAQ
11:30 Carmen Cavallaro Orch.—WGN
12:00 Meditations—WTMJ
12:00 Say It With Music—WENR
12:00 Night Watch (to 6)—WIND
12:05 Don Reid Orch.—WGN
12:05 Henri Gendron Orch.—WBBM
12:05 Promenade Concert—WMAQ
12:30 Bill Snyder Orch.—WBBM
12:30 Sonny Dunham Orch.—WENR
12:30 Chuck Foster Orch.—WGN
1:00 News and Music—WBBM (2 to 2:30)
1:00 Another Dance and News, WENR
1:00 Melody Time—WGN

WHA THURSDAY

MORNING
7:30 Band Wagon
7:45 Morning News
7:58 Program Review
8:00 Music You Want
8:30 Morning Melodies
9:15 News and Views
9:30 Fun Time
9:50 News of Wisconsin
9:57 Weather: Eric Miller
10:00 Homemakers' Program: What's New in Home Economics, Mrs. C. S. Higley; The Family Shares the Gardening, Mrs. Mae Folsom
10:30 Campus Visitors
10:45 Concert Airs
11:00 Short Story Time
11:30 Noon Musicale
12:20 Noon News
12:30 Farm Program: Can We Grow Hay Good Enough for Chickens, George Briggs, J. B. Hayes; Council of Agriculture Program, Milo Swanton
1:00 Chapter a Day
1:30 Music Album
2:00 Moods and Melodies
2:30 Music of the Masters
3:30 Reading for Wartime
4:00 Music at Four for You
4:30 Treasury Salute
4:15 Excursions in Science

EVENING
5:00 Musical Varieties
5:30 Adventure Stories
5:45 Afternoon News
6:00 Dinner Musicale
6:30 Masterworks of Music

NEWS BROADCASTS

TONIGHT

5:00 WIND WCFL	8:00 WGN WIND
5:00 WBBM KMOX	8:00 WIBU WCFL
5:00 WGN WMAQ	8:30 WIND WCFL
5:01 WIBU	9:00 WIND-WCFL
5:30 WCCO WBBM	9:00 WENR WIBU
5:15 WMAQ	10:00 WIBU WCFL
5:30 WTMJ WIBA	10:00 WIBA WTMJ
5:45 WHA WMAQ	10:00 WIBU WCFL
5:45 WBBM WCCO	10:00 WENR WIND
5:55 KMOX WBBM	10:15 WMAQ WIBA
5:55 WIBA	10:30 WBBM WGN
6:00 WBBM WIBU	10:45 WGN WENR
6:00 WLS WIND	11:00 KMOX WMAQ
6:15 WTMJ WMAQ	11:00 WBBM WTMJ
6:15 WIBA	11:00 WCCO WIND
6:30 WIBU WGN	11:00 WENR WGN
6:45 WIBA WMAQ	11:55 WIBA WENR
7:00 WLS WCFL	12:00 WIND WMAQ
7:15 WJJD	12:00 WGN WBBM
7:30 WIND	12:55 WMAQ WENR
7:00 WGN WIND	1:00 WBBM WIND
7:25 WIBU	1:55 WTMJ
7:55 KMOX WBBM	2:00 WIND (also 3, 4, 5)

THURSDAY

A. M.	
5:30 WIND WMAQ	1:55 WTMJ
5:45 WGN	2:00 WIND WCFL
6:00 WMAQ WIND	2:45 WLS
6:05 WTMJ	3:00 WCFL WGN
6:25 WGN	3:30 WCFL WBBM
6:30 WIBA	3:45 WENR WBBM
6:30 KMOX WTMJ	4:00 WGN
6:45 WLS	4:15 WENR
6:55 WMAQ WBBM	5:00 WCCO KMOX
7:00 WIND KMOX	5:00 WCFL WBBM
7:00 WCFL WCCO	5:00 WMAQ WGN
7:00 WBBM WTMJ	5:01 WIBU
7:00 WIBA WLS	5:15 WMAQ
7:15 WGN WBBM	5:30 WBBM WCCO
7:30 WIBA WTMJ	5:30 WIBA WTMJ
7:45 KMOX WHA	5:45 WCCO WHA
7:55 WMAQ WTMJ	5:45 WBBM WMAQ
8:00 KMOX WIND	5:55 WBBM WIBA
8:00 WGN WBBM	6:00 WIBU WIND
8:15 WLS WMAQ	6:00 WLS WBBM
8:25 WTMJ	6:15 WTMJ WMAQ
8:30 WMAQ	6:30 WIBU WGN
8:35 WMAQ	6:45 WMAQ
8:45 WIND WBBM	7:00 WIBU WGN
9:00 WGN WIND	7:00 WLS WIND
9:15 WTMJ WMAQ	7:15 WIBU WJJD
9:15 WHA WCFL	7:25 WIBU
9:30 WIND	7:30 WIND WCFL
9:40 WGN	7:55 KMOX WBBM
9:50 WHA	8:00 WIBU WCFL
10:00 WIND WCFL	8:00 WIND WGN
10:00 WIBU WJJD	8:30 WCFL WIND
10:30 WIBU WLS	9:00 WIND WCFL
10:30 WIND WIBA	9:00 WIBU
10:45 WLS	9:00 WGN WENR
10:55 WIBU	9:30 WIND
11:00 WIBU WJJD	10:00 WCCO WENR
11:00 WIND WGN	10:00 WGN WIBU
11:30 WIND WMAQ	10:00 WTMJ WIBA
11:30 WIBU WGN	10:15 WCCO KMOX
11:30 WMAQ	10:15 WIBA WMAQ
P. M.	10:30 WGN WBBM
12:00 KMOX WIND	10:45 WGN WENR
12:00 WGN WCFL	11:00 WGN WBBM
12:00 WIBA WJJD	11:00 WIBA WMAQ
12:15 WIBU	11:00 WENR WIND
12:20 WHA	11:00 WTMJ KMOX
12:30 WIND WIBA	11:30 WIND
12:30 WCCO WBBM	11:55 WIBA WENR
12:30 WMAQ WLS	12:00 WIND WMAQ
12:45 KMOX WCFL	12:00 WBBM WGN
12:55 WTMJ	12:55 WMAQ WENR
1:00 WIND WGN	12:55 WTMJ
1:30 WJJD WLS	1:00 WIND WBBM
1:45 WCCO WGN	2:00 WIND (also 3, 4, and 5)

SPORTS REVIEWS

TONIGHT

5:00 WIND	6:05 WBBM
5:40 WMAQ	6:25 WCFL
5:45 WIBA WTMJ	7:00 WIND
6:00 WJJD KMOX	9:00 WIND WGN

THURSDAY

P. M.	
2:30 WIND	5:45 WIBA WTMJ
2:40 WJJD	6:00 WJJD KMOX
4:45 WIND	6:05 WBBM
5:15 WCCO	6:25 WCFL
5:40 WMAQ	7:00 WIND
	9:00 WIND

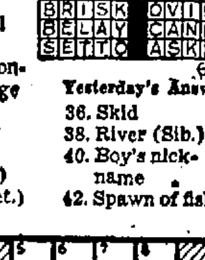
MARKETS

THURSDAY

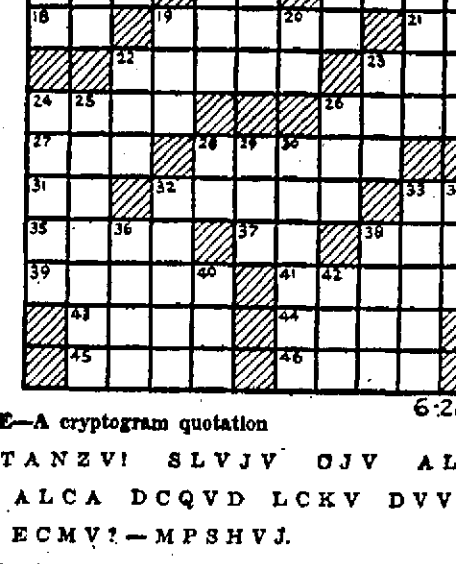
A. M.	P. M.
6:25 KMOX	12:00 WIBU
11:30 WLS	12:10 WIBU
11:45 WLS	12:15 WIBA
	12:30 WGN
	12:40 WIBU
	12:50 WLS
	1:10 WLS

ACROSS
1. Flock
5. Eye
9. Chills and fever
10. Twofold
11. Fetch
12. Takes dinner
14. Public notices
15. Radium (sym.)
17. A son of Jacob
18. Belonging to me
19. Become
21. Indefinite article
22. Intersects
23. Shoshonean Indian
24. Point of land
26. Boasted (colloq.)
27. A secretion of bees
28. Rascal
31. Prefix denoting not
32. Penitent
33. Sign of infinitive
35. Pant
37. Board of Ordnance (Abbr.)
38. Edge of a wound
39. Glory
41. Loon-like bird
43. Ireland
44. Departed
45. Mimicked
46. Period of time

DOWN
1. Robust
2. Shield
3. Flow
4. 1/360th part of a circumference
5. Strange
6. Culpability
7. Roadway
8. Raise
11. Cheat (slang)
13. A tendon
16. Astern
19. Wager
20. Part of "to be"
22. Mingle
23. Tree (Mex.)
24. Metal-shaping tool
25. A cure-all
26. Purchase
28. International language
29. Sphere
30. Unsteady
32. Extra
33. River (It.)
34. Open (poet.)
36. Skid
38. River (Sib.)
40. Boy's nickname
42. Spawn of fish



Yesterday's Answer



CRYPTOQUOTE—A cryptogram quotation

P DPRTANZV! SLVJV OJV ALV MLCJBD ALCA DCQVD LCKV DVVW TW ALX ECMV?—MPSHVJ.

Yesterday's Cryptoquote: HE'S A SUCCESSFUL WARRIOR AND HAS THE SOLDIERS' HEARTS—DRYDEN.

Distributed by King Features Syndicate, Inc.

Milwaukee Wins and Retains Lead of Five Full Games

(By United Press)

Columbus still tagged five games behind the leading Milwaukee Brewers in the American Association today after both teams won Tuesday's contests, the Redbirds beating St. Paul, 9-7, and the Brewers winning over Indianapolis, 8-3.

In the other Association games, Toledo blanked Minneapolis, 2-0, and Louisville beat Kansas City, 8-5.

John Wyrostek's home run in the sixth inning with two men aboard gave the Redbirds their victory over the Saints.

Milwaukee staged two uprisings to take an 8-3 decision from the Indians, scoring four runs each in the fourth and seventh innings. Bill Norman was responsible for the four runs in the seventh, blasting out a home run with the bases loaded. Indianapolis was limited to a single run in the second inning and two more in the sixth.

Pro Boxing Results

Portland, Me. — Coley Welch, 160, Portland, knocked out Boyo Mallon, 156, British Navy (2).

New Bedford, Mass.—Vern Patterson, 146, Chicago, decisioned Billy Todiglione, 147, Boston.

Hartford Conn.—Vic Dellicurti, 160, New York, decisioned Tiger Lou Jones, 166, Augusta, Ga., (10).

New York (McArthur Stadium) —Al Guido, 136, New York, technically knocked out Angel Aviles, 134, Mexico City, (4).

Union City, N. J.—Tony Shucco, 187, Boston, drew with Teddy Randolph, 178, New York (10).

Standings

AMERICAN ASSOCIATION

	W.	L.	Pct.		W.	L.	Pct.
Milwaukee	41	18	.695	St. Paul	24	24	.500
Columbus	34	21	.618	Min'apolis	20	32	.385
Toledo	31	24	.564	Kans. City	18	35	.340
Louisville	32	25	.561	Ind'apolis	17	38	.309

AMERICAN LEAGUE

	W.	L.	Pct.		W.	L.	Pct.
St. Louis	33	26	.559	Nw York	26	28	.481
Boston	31	27	.534	Washgton	27	30	.474
Chicago	26	25	.510	Pdelphia	27	30	.474
Detroit	29	29	.500	Cleveland	27	31	.466

NATIONAL LEAGUE

	W.	L.	Pct.		W.	L.	Pct.
St. Louis	37	16	.698	Brooklyn	28	29	.491
Pittsburgh	28	23	.549	Boston	24	34	.414
Cincinnati	29	25	.537	P'delphia	21	30	.412
Nw York	30	26	.536	Chicago	17	31	.354

Tuesday's Results

AMERICAN ASSOCIATION
Milwaukee 8, Indianapolis 3.
Louisville 8, Kansas City 5.
Toledo 2, Minneapolis 0.
Columbus 9, St. Paul 7.

AMERICAN LEAGUE
New York 3, Washington 1.
Philadelphia 5-2, Boston 4-0.
Cleveland 3, Detroit 1.
Chicago 4-0, St. Louis 3-5.

NATIONAL LEAGUE
Brooklyn 7, New York 6.
St. Louis 2, Chicago 1.
Philadelphia at Boston, called off, rain.
Cincinnati 3, Pittsburgh 0.

Thursday's Games

AMERICAN LEAGUE
Boston at Philadelphia (2).
Chicago at St. Louis.
Cleveland at Detroit.
Washington at New York.

NATIONAL LEAGUE
St. Louis at Chicago.
Cincinnati at Pittsburgh.
Philadelphia at Boston.
New York at Brooklyn.

AMERICAN ASSOCIATION
Minneapolis at Toledo.
St. Paul at Columbus.
Kansas City at Louisville.
Milwaukee at Indianapolis.

Uncle Ray's Corner

Early Potter's Wheel Was Turned by Use of Hand

Much of the soil on our earth is made up of clay. When clay soil is wet, it turns into slippery, sticky mud.

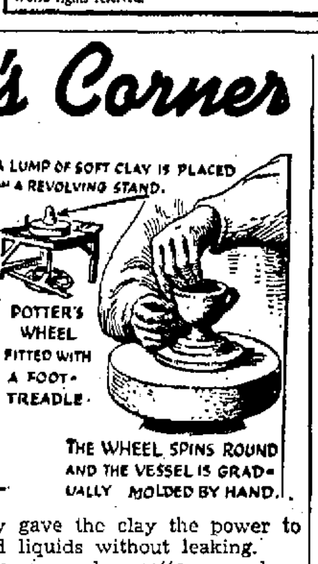
A certain amount of clay in the soil is good for crops, but the farmer does not want "pure clay." It would be too hard for planting when dry. It also would not let rain water run properly to the roots of plants.

Yet pure clay is found in some places, and many other places have clay which is almost pure. Such clay is of real value. It can be used in the making of pottery.

Clay dishes and jars were made during the Late Stone Age in Europe and elsewhere. The sticky soil was taken from the earth and molded into shape with the hands. Then it was allowed to dry in the sun.

Clay jars were used for storing things. If they were baked in the sun, not in an oven, they were hardly fit for holding water—because they would leak. They could, however, be used for storing nuts and grain.

The first pottery was crude, but it marked a step in the right direction. With passing time, men learned to bake clay jars in ovens. When the ovens were hot enough,



they gave the clay the power to hold liquids without leaking.

Some early pottery makers used basketwork to provide models for their clay jars. They wove dry grass, or other materials, into the shapes they wanted, then covered the models with clay. Later the basketwork was burned out, and the clay jars were left.

An important event was the invention of the "potter's wheel." No records tells who invented it, but we know it was used in ancient Egypt and Babylonia. An Egyptian artist left us a picture of potters at work, one of them using a wheel.

The early potter's wheel was a round object which turned on a pivot, a short distance above the ground. It was like a little round table with a top which could be spun around. As he turned the wheel with one hand, the potter used his other hand to shape the moist clay.

Sometimes an ancient potter's wheel was turned by one person while another worked on shaping the clay. In modern times, many potter's wheels are turned by foot, treadles, and others, by power machines.

Uncle Ray

SCOTT'S SCRAP BOOK By R. J. Scott