(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

Variety

7 p. m. — Monty Woolley and Sammy Kaye (WBBM): guest, Judy Canova; Corp. Richard Leseman, Prescott, Wis., U. S. marine corps Tarawa veteran, serviceman guest; music, "My Ideal," "Make Believe," "Mairzy Doats."

7:30 p. m. — Beat the Band (WIBA): Staff Sgt. Harvey F. London, veteran aerial gunner wounded in North Africa, interviewed by Hildegarde; music, "Keep Your Sunny Side Up," "Don't Believe Everything You Dream," "Dancing Cheek to Cheek," "Why Do I Love You?"

8 p. m.—Eddie Cantor (WIBA): with Joan Davis as guest . . . Frank Sinatra (WBBM): guest, Cecil B. DeMille; "Shoo Shoo Baby," "The Way You Look Tonight," "Mighty Like a Rose."

8:30 p. m. — Jack Carson (WBBM): Arthur Treacher and Agnes Moorehead added as regular members of cast.

11 p. m. — NBC War Bond Parade (WIBA): full hour with Fred Waring, Lowell Thomas, Jay Jostyn, Joseph Curtin, Alice Frost, H. V. Kaltenborn, Hildegarde, Eddie Cantor and Kay Kyser.

11:30 p. m.—Chicago Backs the Attack (WBBM): sixth in series sponsored by CBS and American Hotel assn.; from Hotel Sherman, Chicago; testimonial dinner given by hotel in honor of volunteer war bond salesmen; Glen Gray and orchestra with guest stars.

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Drama

7 p. m. — Mr. and Mrs. North (WIBA): visit a dog show and find new adventure in 'The Norths Go To the Dogs."

7:30 p. m. — Dr. Christian (WBBM): "The Man With the Splinter."

8:30 p. m. — Mrs. District Attorney (WIBA): "The Case of the Wayward Children."

9:30 p. m. — Star for a Night (WENR): amateurs compete for prize money: Billie Burke, guest, in "The Murders in the Rue Morgue" by Edgar Allen Poe.

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Quiz

7:30 p. m. — Battle of the Sexes (WLS): final program, featuring actresses, Jean Muir, Peggy Conklin, and Ethel Barrymore Colt vs. Danton Walker, columnist; Perry Como, singer; and Pvt. Richard Travis, actor in army air forces play, "Winged Victory," formerly of motion pictures.

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Miscellaneous

8:55 p. m. — Storyteller (WENR): Marvin Mueller recounts tale of "A Novel Courtship."

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Music

6 p. m. — Fred Waring (WIBA): tunes for student nurses at Philipsburg State hospital, Philipsburg, Pa.

WIBA at 8
JOAN DAVIS

• • • •

7:30 p. m. — Xavier Cugat (WGN): "Rumba Rhapsody," "Lovely Day," "Song of India," "Cielito Lindo," "Peter, Peter Pumpkin Eater" in Latin-American style.

8:30 p. m. — Spotlight Bands (WENR): Alvino Rey.

9 p. m.—Great Moments in Music (WBBM): Jean Tennyson, Jan Peerce, and Robert Weede, with Suzanne Sten, mezzo-soprano, guest, in excerpts from Mascagni's "Cavalleria Rusticana" . . . Kay Kyser (WIBA): "Speak Low," "Holiday for Strings," "Mairzy Doats," "Always," "Candlelight and Wine," "Paper Doll."

9:30 p. m.—Carnival (WBBM): Alec Templeton transforms Handel's "Concerto Gross" into pianistic satire, "Handel With Care;" orchestra, "Gypsy Love Song," "Romany Life," "Always Do as People Say," "Surrey With the Fringe on Top" . . . Northerners (WGN): "Semper Paratus," "El Rancho Grande," "Faith of Our Fathers," medley from "Oklahoma."

10:45 p. m.—Guest Star Theater (WMAQ): Glen Gray, guest.

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Thursdaytime

12:30 p. m.—Let's be Charming (WGN): Julia Sanderson tells what men dislike most among feminine habits.

1:15 p. m.—Soldiers With Wings (WGN): Charles Laughton and Maureen O'Sullivan.

2:15 p. m. — Your Fighting Leathernecks (WJJD): Staff Sgt. Paul Roach will tell of interesting activities of amphibious warfare in the Pacific area.

2:30 p. m.—Tales from Far and Near (WBBM): historical story, "Haym Salomon," by Howard Fast.

3 p. m.—Broadway Matinee (WBBM): guests, Jerry Wayne and Jane Davies, understudy to Mary Martin in "One Touch of Venus."

WIBA TONIGHT

5:00 NBC News Report
5:05 Rhythm Rangers
5:30 News Edition
5:45 Sports Parade
5:55 News Report
6:00 NBC Waring Victory Tunes
6:15 NBC News of the World
6:30 Dinner Melody
6:45 NBC H. V. Kaltenborn
7:00 NBC Mr. and Mrs. North.
7:30 NBC Beat the Band
8:00 NBC Eddie Cantor
8:30 NBC Mr. District Attorney
9:00 NBC Kay Kyser College
10:00 Night News Edition
10:15 BLUE Raymond Gram Swing
10:30 Treasury Salute
10:45 Night Serenade
11:00 NBC War Bond Parade (to 12:00 mid.)

OTHER STATIONS TONIGHT

5:00 Terry and the Pirates—WENR
5:00 Prayer, Quizmaster—WIBU
5:15 Chick Carter—WGN
5:15 Lyn Murray Orch.—WBBM
5:15 University Special—WIBU
5:15 Jimmy Allen Adventures—WENR
5:30 Jack Armstrong—WENR
5:30 Safety Legion Time—WGN
5:45 Superman—WGN
5:45 Capt. Midnight—WENR
6:00 Dr. Preston Bradley—WGN
6:00 Fred Waring—WTMJ
6:00 Fulton Lewis, Jr.—WIBU
6:15 Ration Reporter—WIBU
6:15 Harry James—WBBM WCCO
6:30 Supper Interlude—WMAQ
6:30 Easy Aces—WBBM KMOX
6:30 The Lone Ranger—WLS
6:45 Halls of Montezuma—WIBU
6:45 The Lion's Roar—WGN
6:45 H. V. Kaltenborn—WMAQ
7:00 Victory Jamboree—WIBU
7:00 Monty Woolley—Sammy Kaye—WBBM
7:00 Mr. & Mrs. North—WMAQ WTMJ
7:15 Your Reporter—WIBU
7:15 Bob Ripley—WGN
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 Battle of the Sexes—WLS
8:00 Frank Sinatra Show—WBBM
8:00 Gabriel Heatter—WGN WIBU
8:00 Dunninger—WENR
8:00 Eddie Cantor—WMAQ WTMJ
8:15 Bob Ripley—WIBU
8:30 Soldiers With Wings—WIBU
8:30 Mr. District Attorney—WMAQ
8:30 Jack Carson—WBBM WCCO
8:30 Spotlight Bands—WENR
8:55 Storyteller—WENR
9:00 Treasury Star Parade—WIBU
9:00 Raymond Gram Swing—WENR
9:00 Royal Arch Gunnison—WGN
9:00 Kay Kyser—WMAQ WTMJ
9:00 Great Moments in Music—WBBM
9:15 Arch Ward Sports—WGN
9:15 Victory is Our Business—WCFL
9:30 Carnival—WBBM WCCO KMOX
9:30 Lone Ranger—WCFL
9:30 The Northerners—WGN
9:30 Star for a Night—WENR
10:00 Answer Man—WGN
10:00 I Love a Mystery—WBBM
10:00 Fred Waring—WMAQ
10:00 Symphonette—WENR
10:15 So the Story Goes—WBBM
10:30 Playtime—WMAQ
10:30 But Not Forgotten—WENR
10:45 Rumpus Room—WTMJ
10:45 Serenade in Swing—WBBM
10:45 Guest Star Theater—WMAQ
11:00 NBC War Bond Parade—WMAQ
11:05 Gibson, O'Neil and Petrillo—WBBM
11:10 Jimmy Joy Orch.—WGN
11:15 Lou Breese Orch.—WENR
11:30 Eddie Oliver Orch.—WENR
11:30 Ran Wilde Orch.—WGN
11:30 Hotel Assn. War Loan Drive—WBBM
11:45 Eddie Howard Orch.—WGN
12:00 Emile Petti Orch.—WMAQ
12:00 Nite Watch (to 6)—WIND
12:00 Midnight Musicale—WENR
12:05 Boyd Raeburn Orch.—WBBM
12:05 Del Courtney Orch.—WGN
12:30 Nick Brodeur—WBBM
12:30 Pot Luck—WMAQ
12:30 Glen Gray Orch.—WENR
12:30 Jimmy Joy Orch.—WGN

WIBA THURSDAY

MORNING

6:00 Morning Parade
6:10 News Report
6:15 Cousin Emmy
6:45 Morning Melody
7:00 NBC World News
7:15 Trading Post
7:30 State Journal News Edition
7:50 Musical Clock
8:30 Inquiring Mike
8:45 Shopping Guide
9:00 Tic Toc Tunes
9:15 BLUE Singo
9:30 Melodic Interlude
9:45 Lutheran Gospel Hour
10:00 NBC Road of Life
10:15 Treasury Parade
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 Edition
12:50 Interlude
1:00 NBC Guiding Light
1:15 NBC Today's Children
1:30 NBC Light of the World
1:45 Show Tune Time
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 BLUE Frolics
3:15 NBC Stella Dallas
3:30 NBC Lorenzo Jones
3:45 NBC Young Widder Brown
4:00 Cousin Emmy
4:30 Fun on the Farm
4:45 School and Home
5:00 NBC News Report
5:05 Rhythm Rangers
5:30 News Edition
5:45 Sports Parade
5:55 News Report

EVENING

6:00 NBC Waring's Victory Tunes
6:15 Dinner Melody
6:30 NBC Bob Burns
7:00 NBC Baby Snooks
7:30 NBC The Aldrich Family
8:00 NBC Music Hall
8:30 NBC Joan Davis
9:00 NBC Abbott & Costello
9:30 Labor Sepaks
9:45 Melodic Interlude
10:00 Night News Edition
10:15 BLUE Raymond Gram Swing
10:30 Treasury Salute
10:45 Night Serenade
11:00 NBC War Bond Parade (to 12:00 midnight)

WHA THURSDAY

MORNING

7:30 Band Wagon
7:45 Morning News
7:58 WHA Program Review
8:00 Music You Want
8:30 Morning Melodies
9:00 Broadcast on Broadcasts
9:15 News and Views
9:30 Music Enjoyment: "Music of the Strings"
9:50 News of Wisconsin
9:57 Weather Report: Eric Miller, meterologist
10:00 Homemakers' Program: More Red Cross Sewing, American Red Cross; The Dietitian Considers: Changing Food Habits, Mary Gerend, Mrs. R. K. Botwell
10:30 Campus Visitors
10:45 Spanish Serenade
11:00 Literature of Our Allies: Prof. Philo Buck
11:50 Noon Musicale

AFTERNOON

12:20 Noon News
12:30 Farm Program: More Vegetable from the Home Garden: Why?, O. B. Combs: State Grange Program, Neal Peck
1:00 Chapter a Day: "Indigo", Christine Weston
1:30 Men of Freedom: "The Star-Gazer"
2:00 The United Nations: Prof. Charles Bunn
2:30 Music of the Masters
3:30 Quartets of Mozart and Beethoven, Prof. Carl Bricken and the Pro Arte Quartet
4:20 AAA Reporter
4:30 Sweden Calls America
4:45 Treasury Salute
5:00 Masterworks of Music
5:30 Adventure Stories: "Lad With a Whistle"
5:45 Afternoon News
6:00 Dinner Musicale

OTHER STATIONS THURSDAY

—MORNING—

6:00 Farm News—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 Galicchio—WMAQ
7:01 Farm Service—WIBU
7:15 Haven of Rest—WLS
7:45 Mountain Theater—WLS
8:15 Know the Answer—WBBM
8:30 Breakfast Club—WLS
9:00 Valiant Lady—WBBM WCCO
9:00 Sweet River—WLS
9:00 Lorn Lawton—WMAQ WTMJ
9:15 Kitty Foyle—WBBM WCCO
9:30 Shady Valley Folks—WIBU
9:30 Helpmate—WMAQ WTMJ
9:30 Hebrew Christian Hour—WIBU
9:30 Open Door—WBBM
9:45 Star Playhouse—WMAQ
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
11:00 The Editor's Daughter—WMAQ
11:00 Bonke Carter—WGN WIBU
11:00 Kate Smith Speaks—WBBM
11:00 Guiding Light—WTMJ
11:00 Martha and Helen—WLS
11:15 Linda's First Love—WMAQ
11:15 Judy and Jane—WGN
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
11:45 Tip Top Time—WMAQ

—AFTERNOON—

12:00 Farmers' Week—WLS
12:00 Elizabeth Hart Presents—WMAQ
12:00 Life Can Be Beautiful—WBBM
12:00 The Grenadiers—WTMJ
12:15 Don Norman—WGN
12:15 Ma Perkins—WBBM WCCO
12:30 Bernadine Flynn—WBBM
12:30 Let's Be Charming—WGN
12:30 Loop Noonday Service—WJJD
12:45 Music for Fun—WMAQ
12:45 The Goldbergs—WBBM WCCO
1:00 Life Can Be Beautiful—WTMJ
1:00 Guiding Light—WMAQ
1:00 Dr. Malone—WBBM WCCO
1:15 The Goldbergs—WTMJ
1:15 Joyce Jordan—WBBM WCCO
1:15 Today's Children—WMAQ
1:15 School Time—WLS
1:15 Soldiers With Wings—WGN
1:30 Light of the World—WMAQ
1:30 We Love and Learn—WBBM
1:30 Aunt Jenny's Stories—WTMJ
1:45 Eddie and Fannie—WLS
1:45 Perry Mason—WBBM KMOX
1:45 Melodies of Home—WMAQ
2:00 Morton Downey—WLS
2:00 Mary Marlin—WBBM
2:00 A Woman of America—WMAQ
2:15 Ma Perkins—WTMJ WMAQ
2:30 Pepper Young—WMAQ WTMJ
2:30 American Medical Assn.—WLS
2:30 Tales from Far and Near—WBBM
2:45 Right to Happiness—WMAQ
2:45 Wendell Hall—WGN
3:00 Blue Frolic—WENR
3:00 Backstage Wife—WMAQ WTMJ
3:00 Broadway Matinee—WBBM
3:00 Family Bible Hour—WIBU
3:15 Stella Dallas—WMAQ WTMJ
3:30 Full Speed Ahead—WGN
3:30 Lorenzo Jones—WMAQ WTMJ
3:45 Widder Brown—WMAQ WTMJ
4:00 Devotionals—WIBU
4:00 When a Girl Marries—WMAQ
4:00 Rev. Polley—WIBU
4:00 Mystery Chef—WENR
4:15 Portia Faces Life—WMAQ
4:15 Chats About Dogs—WGN
4:30 Malcolm Clair—WENR
4:30 Just Plain Bill—WMAQ WTMJ
4:30 Chick Carter—WIBU
4:45 Parade of Bands—WIBU
4:45 Front Page Farrell—WMAQ
4:45 American Women—WBBM
4:45 Dick Tracy—WENR

—EVENING—

5:00 Terry and the Pirates—WENR
5:00 Prayer, Quizmaster—WIBU
5:15 Jimmy Allen Adventures—WENR
5:15 University Special—WIBU
5:15 Chick Carter—WGN
5:25 A Bond for a Boy—WMAQ
5:30 Safety Legion Time—WGN
5:30 Jack Armstrong—WENR
5:45 Capt. Midnight—WENR
5:45 Superman—WIBU WGN
6:00 Fulton Lewis, Jr.—WIBU
6:00 Dr. Preston Bradley—WGN
6:00 Fred Waring Orch.—WTMJ
6:15 Harry James—WBBM WCCO
6:15 Lum and Abner—WIBU
6:30 Mr. Keen—WBBM KMOX
6:30 Hollywood Theater—WTMJ
6:30 Supper Interlude—WMAQ
6:45 Discussion Club—WLS
6:45 Guest Star Theater—WGN
6:45 H. V. Kaltenborn—WMAQ
7:00 Suspense—WBBM
7:00 Baby Snooks—WTMJ WMAQ
7:00 Confidentially Yours—WGN
7:15 Lum and Abner—WLS
7:15 Bob Ripley—WGN
7:30 The Human Adventure—WGN
7:30 America's Town Meeting—WLS
7:30 Victory 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 Bob Ripley—WIBU
8:30 Treasure Hour of Song—WGN
8:30 Spotlight Bands—WENR
8:30 Joan Davis—WMAQ WTMJ
8:30 Dinah Shore—WBBM WCCO
8:55 Storyteller—WENR
9:00 Raymond Clapper—WGN
9:00 Treasury Star Parade—WIBU
9:00 Abbott and Costello—WMAQ
9:00 Raymond Gram Swing—WENR
9:00 American Legion Honors Secretaries of War and Navy—WBBM
9:15 Dale Carnegie—WGN
9:15 Out of the Shadows—WENR
9:30 March of Time—WMAQ WTMJ
9:30 Wings to Victory—WCFL
9:30 Here's to Romance—WBBM
9:30 Swings the Thing—WGN
10:00 Fulton Lewis, Jr.—WGN
10:00 I Love a Mystery—WBBM
10:00 Fred Waring—WMAQ
10:00 The Symphonette—WENR
10:15 King's Jesters & Janette—WBBM
10:15 War Correspondent—WTMJ
10:15 Brazil Presents—WIBU
10:30 Bob Burns—WMAQ
10:30 But Not Forgotten—WENR
10:45 Rumpus Room—WTMJ
10:45 Salute to Victory—WBBM
11:00 War Bond Parade—WMAQ
11:05—The Clevelandaires—WBBM
11:10 Jimmy Joy Orch.—WGN
11:15 Lew Diamond Orch.—WENR
11:30 Eddie Oliver Orch.—WENR
11:30 Nick Brodeur Orch.—WBBM
11:30 Ran Wilde Orch.—WGN
12:00 Midnight Musicale—WENR
12:00 Night Watch (to 6)—WIND
12:05 Lawrence Welk Orch.—WGN
12:05 Jimmy Blade Orch.—WBBM
12:15 Eddie Howard Orch.—WGN
12:30 Pot Luck—WMAQ
12:30 Another Dance—WENR
12:30 Bernie Cummins Orch.—WBBM
12:30 Del Courtney's Orch.—WGN

NEWS BROADCASTS

TONIGHT

5:00 WIBA
5:00 WBBM WIND
5:00 WGN WMAQ
5:30 WCCO WBBM
5:30 WTMJ WIBA
5:45 WHA WMAQ
5:45 WMAQ
5:45 WBBM WCCO
5:55 KMOX WBBM
5:55 WIBA
6:00 WBBM WIBU
6:00 WLS WIND
6:05 WBBM
6:15 WIBA
6:15 WTMJ WMAQ
6:30 WCFL
6:30 WIBU WGN
6:45 WIBA WMAQ
7:00 WGN WIND
7:00 WLS
7:25 WIBU
7:55 KMOX WBBM
8:00 WGN WIND
8:00 WIBU
8:15 WGN
8:45 WIND
9:00 WENR WGN
9:00 WIND WCFL
10:00 WIBU
10:00 WIBA WTMJ
10:15 WMAQ WIBA
10:30 WIBU
10:30 WGN WBBM
10:45 WENR
11:00 WENR WIND
11:00 WTMJ KMOX
11:00 WBBM WCCO
11:00 WIBU WGN
11:55 WENR
12:00 WMAQ
12:00 WBBM WGN
12:55 WMAQ WENR
1:00 WGN WIND
2:00 WIND (also 3, 4, 5)

THURSDAY

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

P. M.
2:15 WIND
3:15 WIND
4:15 WIND
5:15 WIND
5:45 WTMJ WIBA
6:00 KMOX

SPORTS REVIEWS

TONIGHT

5:15 WIND
5:45 WIBA WTMJ
6:00 KMOX
9:00 WIND
9:15 WGN

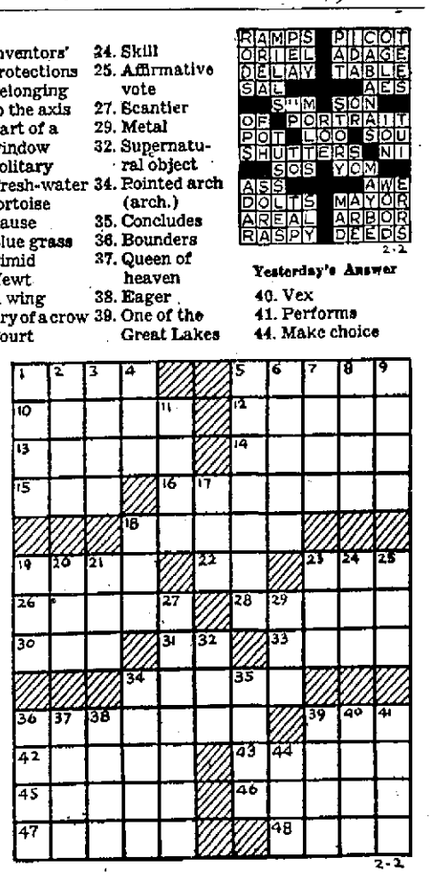
THURSDAY

P. M.
2:15 WIND
3:15 WIND
4:15 WIND
5:15 WIND
5:45 WTMJ WIBA
6:00 KMOX

MARKETS

THURSDAY

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



ACROSS
1. Young oyster
5. Antiquated
10. Kind of bear
12. Maxim
13. Effigy
14. Girl's nickname
15. Thrice (mus.)
16. Formed, as words with letters
18. An age in history
19. Every
22. Close to
23. Route
25. Strips off, as skin
28. Pack away
30. Marble
31. River (It.)
33. Particle
34. Made of oak
36. Vexation
39. Epoch
42. Breast ornament (Gr.)
43. Type of architecture
45. Flock
46. Was shed, as blood
47. Wiser
48. Elevations (golf)

DOWN
1. Rod for holding meat
2. Fruit of apple family
3. Winglike
4. Label
5. Inventors' protections
6. Belonging to the axis
7. Part of a window
8. Solitary
9. Fresh-water tortoise
11. Pause
17. Blue grass
18. Timid
19. Newt
20. A wing
21. Cry of a crow
23. Court
24. Skill
25. Affirmative vote
27. Scantier
29. Metal
32. Supernatural object
34. Pointed arch (arch.)
35. Concludes
36. Bounders
37. Queen of heaven
38. Eager
39. One of the Great Lakes
40. Vex
41. Performs
44. Make choice

RAMPS			PICOT								
ORIEL			ADAGE								
DELAY			TABLE								
SAL						AES					
	SIM		SON								
OF	PORTRAIT										
POT		LOO		SOU							
SHUTTERS				NI							
	SOS		YOM								
ASS						AWE					
DOLTS				MAYOR							
AREAL				ARBOR							
RASPY			DEEDS								

2-2

Yesterday's Answer

CRYPTOQUOTE—A cryptogram quotation

BHO ATHD OCV GPXM, DTM ECWVM PB RCEM CKDMJ DTHJ JCD CJGO H KCCG—YCGDHPEM.

Yesterday's Cryptoquote: HE WHO DWELLS EVERYWHERE, NEVER DWELLS ANYWHERE—MARTIAL.

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Uncle Ray's Corner

SOME LAPPS EAT "WHITE DUST" FOUND IN NORTHERN EUROPE

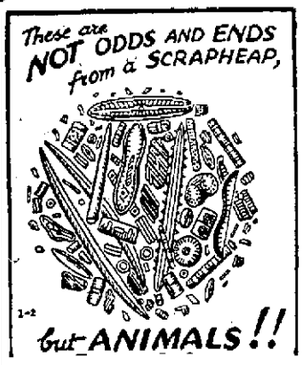
Have you ever heard about negroes who eat earth? Many a pound of soil has been eaten by negroes in certain parts of the Carolinas and Florida. How much good this has done them, I cannot say, but it has been reported that they are very fond of soil taken from special places.

Stories about those negroes have been published from time to time, but I have seen nothing printed in this country about the soil-eating habits of some Lapps.

Lapland in a region in northern Europe which covers parts of northern Norway, Sweden, Finland and Russia. Its people, known as Lapps, are short, and dark-haired, and are related to the Mongols of Asia.

In certain parts of Lapland a "white dust" is found. This has been called "mountain meal" and a great deal of it has been eaten by Lapps as a mixture with plant food. We are told that hundreds of wagon-loads of mountain meal have been taken from the Lollhagysyon district in Swedish Lapland.

Interest was shown in Lapland's mountain meal by scientists in Europe, and some of it was studied under the microscope. A scientist named Retzius found the fossil remains of 19 kinds of tiny plants and animals in one sample of the white dust.



Remains of tiny animals as seen greatly magnified, by microscope.

Small deposits of mountain meal also have been found in France, Hungary, Greece and several other countries. In all cases it contains the shells of tiny animals and the remains of plants.

Some of the animals which left their shells in those places were so small that 50,000 of them would not take up the space of a square inch!

We know more about these tiny animals because millions and millions of them are alive today. The living animals, as well as their remains, have been studies under the microscope.

In addition to the mountain meal districts, there are other places where the soil contains the remains of great numbers of tiny animals and plants. The day may come when it is proved that soil with such remains has special value. Until then, at least, I shall not make earth a part of my own diet!

(For Nature section of your scrapbook.)

Uncle Ray

Tomorrow: Shells in the Pyramids.

SCOTT'S SCRAP BOOK By R. J. Scott