(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

Special Broadcast

8 p. m.—Let's All Back the Attack (WIBA, WMAQ, WBBM, WIBU, WGN, WENR, WCFL): Fourth war loan drive program, with Henry Morgenthau, Jr., secretary of the treasury, and Conrad Nagel, as narrators; from New York, Capt. Ronald Reagan, army air forces; Capt. Glenn Miller and his air force band: David Broekman, orchestra and chorus; from Hollywood, Bing Crosby, Judy Garland, John Charles Thomas; church service pickup from Williams Bay, Wis.; four governors representing different regions of the country; Gen. Dwight D. Eisenhower and Adm. Chester W. Nimitz.

◇ ◇ ◇

New Program

11:30 p. m. — America Looks Ahead (WENR): series of broadcasts describing national public opinion on post-war problems; subject, "Attitudes Toward Participation in an Organization of Nations, and the Amount of Power Which America Should Have in Such an Organization;" speakers, Leon Henderson and Dr. Jan Masaryk, vice premier and minister of foreign affairs of Czechoslovakian government.

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Music

6 p. m.—Fred Waring (WIBA): in salute to a U. S. navy aircraft carrier.

7:30 p. m. — Concert (WIBA): Gustave Haenschen orchestra, with Dorothy Kirsten, soprano, and Thomas L. Thomas, baritone; "I Love a Parade," "The Song Is You," "Smoke Gets in Your Eyes," "Romance," "Song of the Vagabonds" . . . **Gay Nineties Revue** (WRBM): "Lazy Mary, Will You Get Up," "London Bridge," "Mary Had a Little Lamb," "When Father Laid the Carpet on the Stairs."

9 p. m.—Contented Hour (WMAQ): "Embraceable You," "Volga Boatman," "Over the Rainbow," "Arkansas Traveler," "The Music Stopped."

10:45 p. m.—Guest Star Theater (WMAQ): Charlie Barnet, guest conductor.

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Drama

7 p. m. — Cavalcade of America (WIBA): George Murphy in "Terrence O'Toole, M. P."

7:30 p. m. — Sherlock Holmes (WGN): "The Case of the Departed Banker."

9 p. m.—Screen Guild (WBBM): William Powell, Paulette Goddard and Charles Winninger in "I Love You Again."

9:30 p. m.—Blondie (WBBM): "Blondie's Son Gets Stage Struck."

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WILLIAM POWELL
WBBM at 9

Quiz

6:30 p. m.—Chicago Brain Battle (WBBM): contestants, members of Chicago signal corps inspection zone.

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Miscellaneous

6:15 p. m.—Ed Sullivan Entertains (WBBM): Marlene Dietrich.

7 p. m.—Vox Pop (WBBM): interviews veterans of submarine warfare at New London, Conn.

9:15 p. m.—Fighting Man, USA (WENR): Lieut. (j. g.) Margaret C. Jensen, navy nurse, will describe experiences as chief nurse of Naval hospital at Kodiak, Alaska, where she attended men wounded in battle of Attu.

9:30 p. m. — Information Please (WIBA): John P. Marquand, author of "So Little Time," guest.

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Tuesdaytime

9:15 a. m. — Nelson Olmstead (WIBA): "The Man Who Caught the Weather," by Bess Streeter Aldrich.

10 a. m. — Homemakers' Program (WHA): Dr. Wellwood M. Nesbit will talk about sinus trouble.

11 a. m.—H. B. McCarty (WHA): station director, formerly of OWI, will speak on "The Voice of America Overseas."

12 m.—Elizabeth Hart Presents (WMAQ): Capt. Mildren H. McAfee of the WAVES.

2:30 p. m.—Gateways to Music (WBBM): music by Mendelssohn.

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 Cavalcade of America
7:30 NBC Concert
8:00—Let's All Back the Attack
9:00 "It's The McCoy"
9:30 Information Please
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 Three Suns Trio
11:55 NBC News Report

OTHER STATIONS TONIGHT

5:00 Terry and the Pirates—WENR
5:15 Chick Carter—WGN
5:15 Lyn Murray and Orch.—WBBM
5:15 Jimmy Allen—WENR
5:15 University Special—WIBU
5:30 Safety Legion—WGN
5:30 Jack Armstrong—WENR
5:45 Superman—WGN WIBU
5:45 Capt. Midnight—WENR
6:00 Dr. Preston Bradley—WGN
6:00 Fulton Lewis, Jr.—WIBU
6:00 Fred Waring—WTMJ
6:00 I Love a Mystery—WCCO
6:15 Ed Sullivan—WBBM WCCO
6:30 Supper Interlude—WMAQ
6:30 The Lone Ranger—WLS
6:30 Chicago Brain Battle—WBBM
6:45 The Lion's Roar—WGN
6:45 H. V. Kaltenborn—WMAQ
6:45 Army Air Forces—WIBU
7:00 Jamboree—WIBU
7:00 Cavalcade—WMAQ WTMJ
7:00 Vox Pop—WBBM WCCO KMOX
7:15 Lum and Abner—WLS
7:15 Your Reporter—WIBU
7:15 Gracie Fields—WGN
7:30 Blind Date—WLS
7:30 Sherlock Holmes—WGN
7:30 Concert—WTMJ WMAQ
7:30 Gay Nineties Review—WBBM
8:00 Let's All Back the Attack—WGN WBBM WIBU WMAQ
9:00 Raymond Clapper—WGN
9:00 Contented Hour—WMAQ
9:00 Screen Guild—WBBM WCCO
9:00 Raymond Gram Swing—WENR
9:15 Education for Freedom—WIBU
9:15 Fighting Man, USA—WENR
9:30 Lone Ranger—WCFL
9:30 Information Please—WMAQ
9:30 Bulldog Drummond—WGN
9:30 Blondie—WBBM WCCO KMOX
10:00 Fred Waring—WMAQ
10:00 Symphonette—WENR
10:00 Fulton Lewis, Jr.—WGN
10:00 I Love a Mystery—WBBM
10:15 So the Story Goes—WBBM
10:30 Vagabonds—WMAQ
10:30 But Not Forgotten—WENR
10:45 Serenade in Swing—WBBM
10:45 Rumpus Room—WTMJ
10:45 Guest Star Theater—WMAQ
11:05 Music by Warrington—WBBM
11:10 Del Courtney Orch.—WGN
11:15 Stories of Escape—WMAQ
11:30 Little Night Music—WMAQ
11:30 Lew Diamond Orch.—WGN
11:30 America Looks Ahead—WENR
11:30 Boyd Raeburn Orch.—WBBM
12:00 Emil Petti Orch.—WMAQ
12:00 Music You Want—WENR
12:00 Nite Watch (to 6)—WIND
12:05 Armand Buisseret Orch.—WGN
12:05 Eddie Fens Orch.—WBBM
12:30 Pot Luck—WMAQ
12:30 Another Dance—WENR
12:30 Boyd Raeburn Orch.—WBBM
12:30 Buddy Franklin Orch.—WGN

WIBA TUESDAY

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 NBC Story by Olmsted
9:30 At the Organ
9:45 Lutheran Gospel Hour
10:00 NBC Road of Life
10:15 Melodic Interlude
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 Voice of the Army
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 Victory Tunes
6:15 Dinner Melody
6:30 NBC Everything for the Boys
7:00 NBC Johnny Presents
7:30 NBC A Date with Judy
8:00 BLUE Famous Jury Trials
8:30 NBC Fibber McGee & Molly
9:00 NBC Bob Hope
9:30 NBC Red Skelton
10:00 Night News Edition
10:15 BLUE Raymond Gram Swing
10:30 Treasury Salute
10:45 Night Serenade
11:00 NBC News Report
11:05 Masterworks
11:30 NBC Roy Shield's Orch.
11:55 NBC News Report

WHA TUESDAY

7:30 Band Wagon
7:45 Morning News
7:58 WHA Program Review
8:00 Music You Want: Marian Anderson Recital
8:30 Morning Melodies
9:00 Beginning the Day
9:15 News and Views
9:30 Storybook Land: "Beauty and the Beast"
9:50 News of Wisconsin
9:57 Weather Report: Eric Miller, meteorologist
10:00 Homemakers' Program: This Sinus Trouble, Dr. W. M. Nesbit; Hobbies for Boys and Girls, Agnes M. Hansen
10:30 Campus Visitors
10:45 Concert Airs
11:00 "The Voice of America Overseas", H. B. McCarty
11:50 Noon Musicale
12:20 Noon News
12:30 Farm Program: Feed the Best Hay to Best Animals, Gus Bohstedt; Vocational Agriculture in the News, I. G. Fay
1:00 Chapter a Day: "Indigo", Christine Weston
1:30 Let's Draw: "Coming of Night"
2:00 Organ Melodies: Don Voegeli
2:30 Music of the Masters
3:30 Reading for Wartime
4:00 Steuben Music Program
4:30 Russia, Our Ally
4:45 Adventure Stories: "Top Kick, U. S. Army Horse"
5:00 Masterworks of Music
5:30 Afternoon News.

OTHER STATIONS TUESDAY

—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 Gallicchio—WMAQ
7:01 Farm Service—WIBU
7:15 Haven of Rest—WLS
8:00 Musical Clock—WIBU
8:00 Your Neighbor—WMAQ
8:15 Know the Answer—WBBM
8:30 Breakfast Club—WLS
9:00 Sweet River—WLS
9:00 Lora Lawton—WMAQ WTMJ
9:00 Valiant Lady—WBBM WCCO
9:15 Nelson Olmsted—WMAQ
9:15 Kitty Foyle—WBBM WCCO
9:30 The Open Door—WIBM
9:30 Hebrew Christian Hr.—WIBU
9:30 Helpmate—WMAQ WTMJ
9:45 Star Playhouse—WMAQ
9:45 Bachelor's Children—WBBM
10:00 Honeymoon Hill—WBBM
10:00 Road of Life—WTMJ WMAQ
10:00 Breakfast at Sardi's—WLS
10:15 Vic and Sade—WTMJ WMAQ
10:15 Second Husband—WBBM WCCO
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 Bonke Carter—WGN WIBU
11:00 Martha and Helen—WLS
11:00 Kate Smith Speaks—WBBM
11:00 Guiding Light—WTMJ
11:00 Editor's Daughter—WMAQ
11:15 Linda's First Love—WMAQ
11:15 Today's Children—WTMJ
11:15 Big Sister—WBBM WCCO
11:30 Light of the World—WTMJ
11:30 Helen Trent—WBBM WCCO
11:45 Our Gal Sunday—WCCO WBBM

—AFTERNOON—

12:00 Dinnerbell Time—WLS
12:00 Elizabeth Hart—WMAQ
12:30 Life Can Be Beautiful—WBBM
12:00 The Grenadiers—WTMJ
12:15 Ma Perkins—WBBM WCCO
12:30 Loop Noonday Service—WJJD
12:30 Bernardine Flynn—WBBM
12:45 Music for Fun—WMAQ
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 Young Dr. Malone—WBBM WCCO
1:15 School Time—WLS
1:15 Today's Children—WMAQ
1:15 American Eagle Club—WGN
1:15 Joyce Jordan—WBBM WCCO
1:30 Light of the World—WMAQ
1:30 Aunt Jenny—WTMJ
1:30 We Love and Learn—WBBM
1:45 Eddie and Fannie—WLS
1:45 Perry Mason—WBBM KMOX
1:45 Hymns of All Churches—WMAQ
2:00 Morton Downey—WLS
2:00 Woman of America—WMAQ
2:00 Mary Marlin—WBBM
2:15 Ma Perkins—WTMJ WMAQ
2:30 OPA Interview—WLS
2:30 Gateways to Music—WBBM
2:30 Family Bible Hour—WIBU
2:30 Pepper Young—WTMJ WMAQ
2:45 Wendell Hall—WGN
2:45 Right to Happiness—WMAQ
3:00 Broadway Matinee—WBBM
3:00 Backstage Wife—WMAQ WTMJ
3:15 Stella Dallas—WMAQ WTMJ
3:15 Treasury Star Parade—WIBU
3:30 Full Speed Ahead—WGN
3:30 Lorenzo Jones—WMAQ WTMJ
3:45 Young Widder Brown—WMAQ
4:00 Mystery Chef—WENR
4:00 When a Girl Marries—WMAQ
4:15 Portia Faces Life—WMAQ
4:30 Malcolm Claire—WENR
4:30 Chick Carter—WIBU
4:30 Just Plain Bill—WMAQ WTMJ
4:40 Parade of Bands—WIBU
4:45 American Women—WBBM
4:45 Front Page Farrell—WMAQ
4:45 Dick Tracy—WENR

—EVENING—

5:00 Terry and the Pirates—WENR
5:15 Jimmy Allen—WENR
5:15 Chick Carter—WGN
5:15 University Special—WIBU
5:15 Edwin C. Hill—WBBM WCCO
5:30 Safety Legion—WGN
5:30 Jack Armstrong—WENR
5:45 Superman—WGN
5:45 Capt. Midnight—WENR
6:00 Fulton Lewis, Jr.—WIBU
6:00 Dr. Preston Bradley—WGN
6:00 I Love a Mystery—WCCO
6:00 Fred Waring—WTMJ
6:15 Lum and Abner—WIBU
6:15 Harry James—WBBM WCCO
6:30 Variety Hall—WENR
6:30 Supper Concert—WMAQ
6:30 Those Who Serve—WTMJ
6:30 American Melody Hour—WBBM
6:45 H. V. Kaltenborn—WMAQ
6:45 Guest Star Theater—WGN
6:45 Confidentially Yours—WIBU
7:00 Victory Jamboree—WIBU
7:00 Johnny Presents WTMJ WMAQ
7:00 Big Town—WBBM WCCO
7:00 Confidentially Yours—WGN
7:15 Your Reporter—WIBU
7:15 Lum and Abner—WLS
7:15 Bob Ripley—WGN
7:30 A Date With Judy—WMAQ
7:30 Pick and Pat Time—WGN
7:30 March of Dimes—WCFL
7:30 Judy Canova—WBBM WCCO
7:30 Duffy's—WLS
8:00 Mystery Theater—WTMJ WMAQ
8:00 Burns & Allen—WBBM WCCO
8:00 Famous Jury Trials—WENR
8:00 Gabriel Heatter—WGN WIBU
8:15 Bob Ripley—WIBU
8:30 American Forum—WIBU
8:30 Report to the Nation—WBBM
8:30 Fibber McGee—WMAQ WTMJ
8:30 Spotlight Bands—WENR
9:00 Raymond Gram Swing—WENR
9:00 Romance—WBBM
9:00 Bob Hope—WMAQ WTMJ
9:30 Crime Files of Flamond—WGN
9:30 Red Skelton—WTMJ WMAQ
9:30 Congress Speaks—WBBM
9:45 Guy Lombardo Orch.—WBBM
10:00 Fulton Lewis, Jr.—WGN
10:00 I Love a Mystery—WBBM
10:00 Fred Waring Orch.—WMAQ
10:00 Symphonette—WENR
10:30 Everything for the Boys—WMAQ
10:30 But Not Forgotten—WENR
10:30 Sinfonietta—WIBU
10:45 Rumpus Room—WTMJ
10:45 Salute to Victory—WBBM
11:05 Buffalo Presents—WBBM
11:10 Eddie Howard Orch.—WGN
11:15 Roy Shield and Co.—WMAQ
11:20 Lou Breese Orch.—WENR
11:30 Cab Calloway Orch.—WENR
11:30 Lawrence Welk Orch.—WGN
11:30 Hotel Assn War Loan Drive—WBBM
12:00 Henry Brandon Orch.—WMAQ
12:00 Nite Watch (to 6) WIND
12:00 Music You Want—WENR
12:05 Nick Brodeur Orch.—WBBM
12:05 Jimmy Joy Orch.—WGN
12:30 Another Dance—WENR
12:30 Al Trace Orch.—WGN
12:30 Arthur Goldsworthy Orch.—WBBM
12:30 Pot Luck—WMAQ
12:45 Milt Herth Orch.—WGN

NEWS BROADCASTS

TONIGHT

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

TUESDAY

A. M.
5:30 WMAQ WIND
5:45 WGN
6:00 WMAQ WIND
6:05 WTMJ
6:10 WIBA
6:30 KMOX WTMJ
6:45 WLS
6:55 WMAQ WBBM
7:00 WBBM KMOX
7:00 WTMJ WLS
7:00 WIBA WIND
7:15 WGN
7:15 WCCO WBBM
7:30 WIBA WTMJ
7:45 WHA
7:55 WMAQ WTMJ
8:00 WIND KMOX
8:00 WBBM WGN
8:15 WMAQ WLS
8:25 WTMJ
8:40 WMAQ
8:45 WIND
8:55 KMOX
9:00 WIND WGN
9:15 WHA WCFL
9:30 WLS
9:40 WGN
9:50 WHA
10:00 WIND
10:00 WIBU WJJD
10:30 WIBU
10:30 WLS WIBA
11:00 WGN WIBU
11:00 WJJD WIBU
11:30 WGN WIND
11:30 WMAQ

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

MARKETS

TUESDAY

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
	12:45 WGN
	12:50 WLS
	1:10 WLS

SPORTS REVIEWS

TONIGHT

5:15 WIND
5:45 WIBA WTMJ
6:00 KMOX
8:55 WENR

TUESDAY

P. M.
2:15 WIND
3:15 WIND
4:25 WIND
5:15 WIND
5:45 WTMJ WIBA
6:00 KMOX
11:15 WENR

DAILY CROSSWORD

ACROSS

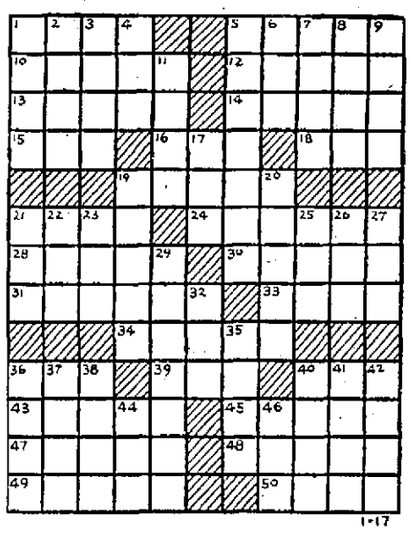
1. Exhibition
5. Sharp
10. Billows
12. Plant used for fiber
13. Sultan's decree
14. Insinuate
15. To form into jelly
16. Fuel
18. Distress signal
19. Dance
21. Expression of sorrow
24. Tiny
28. Shaping implement
30. Now
31. Gap
33. Bare
34. Forests
36. Greek letter
39. Born
40. Pike-like fish
43. Means of communication
45. Barrier
47. Crowd
48. Long hike
49. Literary composition
50. God of war

DOWN

1. Long drink
2. Long-eared rodent
3. Elliptical
4. Marry
5. A cut of meat
6. Butt
7. Mischievous children
8. Fodder vat
9. Official of assembly (Isle of Man)
11. Flower
17. Lofty mountain
19. Exclamation
20. Particles
21. Linen vestment (Eccl.)
22. Roman house god
23. Devoured
25. Fish
26. Viscous liquid from coal
27. Ogle
29. Thrift
32. Garden tool
35. Skillful
36. Scottish-Gaelic
37. Marbles
38. Girl's name (poss.)
40. To growl
41. Highest point
42. Twilled fabrics
44. Man's name
46. Epoch

PAST BAAL
SALPA RIDES
OREAD ORIEL
STET FA TRY
SHADY
RAT INCENSE
OGEES ANION
DEMOTES BUD
SORTS
ASK RA PORE
SINAI LAGER
ARDMA ACRES
SWAN MEEK

1-17
Saturday's Answer



CRYPTOQUOTE—A cryptogram quotation

U F S S P N C I J M L I J T I M X S J F N P D Q-J I X X L A E J I Q A C X M Q I Q S Z J — G S Y J X S J.

Saturday's Cryptoquote: WHO IS BORN IN THE PURPLE IS SELDOM WORTHY OF IT—VOLTAIRE.

Distributed by King Features Syndicate, Inc.

Three First Division Teams Win Games in Elementary Loop

ELEMENTARY BOYS LEAGUE

	W.	L.	TP.	OP.
Indians	5	0	54	28
Pirates	4	1	46	20
Dodgers*	3	1	34	21
Cardinals*	2	2	14	37
Tigers	2	3	36	53
Arrows	2	3	24	30
Giants	1	4	4	34
Badgers	0	5	8	14

*have game to make up.

GAMES SATURDAY

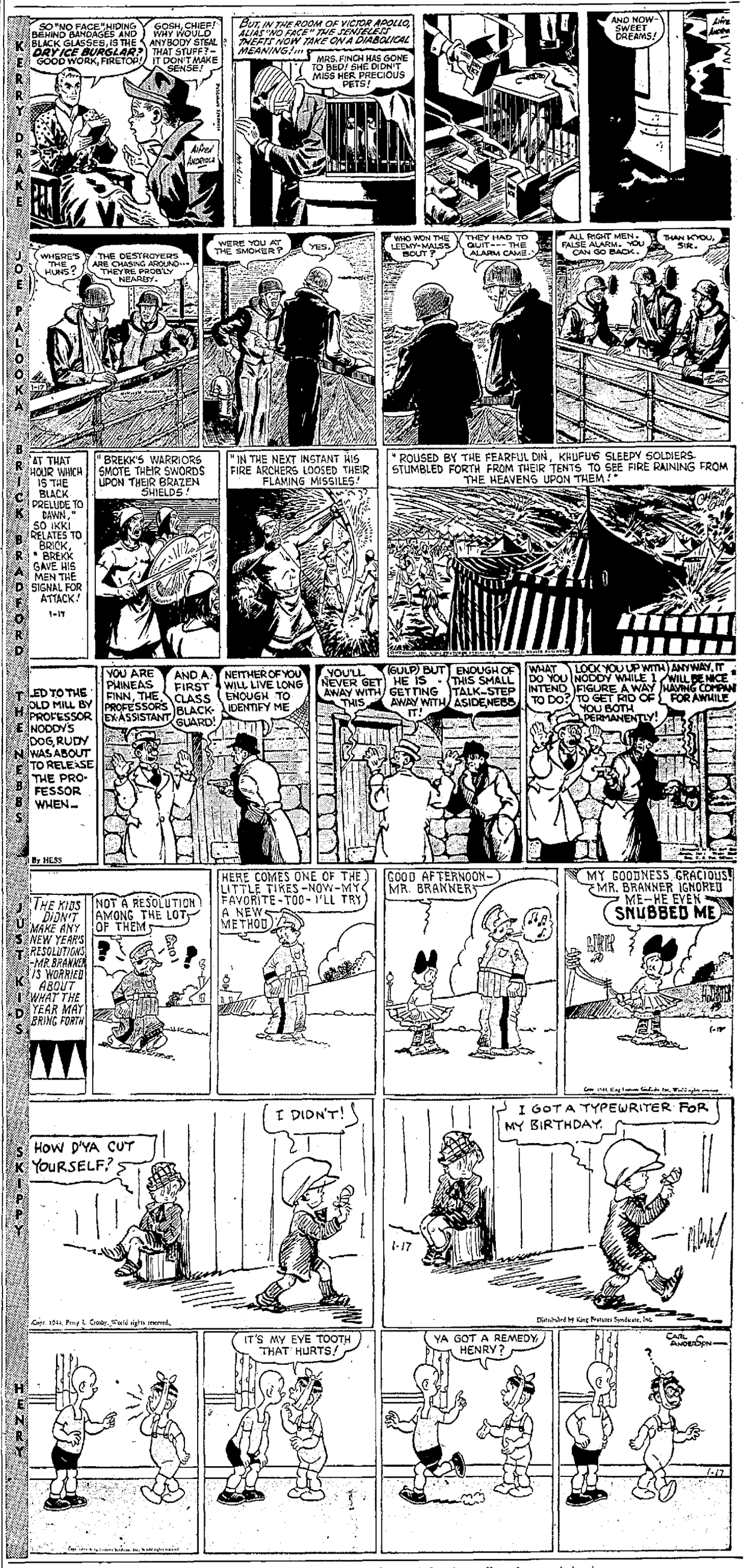
Giants vs. Cardinals, Badgers vs. Tigers, Arrows vs. Dodgers, Indians vs. Pirates. All games start at 9:00 a. m.

Three division teams were winners Saturday morning in the Elementary Boys basketball league at Marquette school.

The unbeaten Indians racked up their fifth straight to hold the loop lead by defeating the Cardinals, 14-4; the Pirates stayed one game behind in second place with a 10-4 conquest of the Arrows, and the Dodgers nosed out the last place Badgers by the baseball score of 4-3.

The Tigers completed the session by holding the Giants without a field goal and winning 16-1.

WATERLOO — Fifteen Waterloo high school football players and two managers, including 10 seniors, were awarded letters Friday by Coach Dan Schuck. The seniors are Capt. Wesley Gorder, Robert Wolfgram, Harold Lemke, Earl Behling, Norbert Schultz, Travis Boggs, Bruce White, Carroll Deterl, Donald Henke and Manager Carroll Radke. Other lettermen are Jerome Veith, Donald Zimbric, Lawrence Riosop, Laverne Beyer, Albert Wetzel, Wesley Cleveland, all juniors, and Manager Conrad Failinger, a sophomore. The group of lettermen presented Coach Schuck with a remembrance.



Uncle Ray's Corner

Metal Mirrors Were Used in Ancient Times

IS THERE any difference between a mirror and a looking glass?

At first thought, we might suppose that those are simply two names for the same thing, but they are not exactly the same. All looking glasses are mirrors, but some mirrors are not looking glasses. Mirrors were used thousands of years before looking glasses were invented.

The earliest mirror must have been still water. A lake or pool with a smooth surface will reflect the image of a human being, and this fact must have become known far back in the Stone Age.

If a young Stone Age woman wanted to "look pretty," she probably went to the edge of a pond or spring so she could look at herself while she fixed her hair, or put her ornaments in place.

It is not possible to carry a "body of water" from one place to another, and in winter a frozen pool or lake does not make a good mirror. So it came about that people learned to make mirrors which could be moved easily, and used inside the home whenever needed.

The first mirror of that kind seems to have been a piece of flat metal which was polished until it became smooth and would reflect very well.

In ancient Egypt, mirrors of polished bronze were used. One good thing about them was the fact that they would not break if dropped.

A Greek writer had an idea for better mirrors 2,271 years ago. He said that polished silver would make an excellent mirror. Wealthy Greek women had hand-mirrors made of metal, but there is no record that they had glass mirrors of any kind.

Hebrews of long ago used brass in making mirrors, a fact which is told in the Bible. Brass, as known today, is an alloy of copper and zinc, often two parts of copper and one part of zinc. In ancient times, what was called brass was often very much like bronze, being made by melting copper and tin together.

Several other kinds of metal will make good mirrors if they are polished well. Steel can serve this purpose, and so can gold and aluminum.

The looking glass was invented about six and half centuries ago. We shall have more to say about it in our next story.

(For GENERAL INTEREST section of your scrapbook.)

Uncle Ray