(Programs listed in The 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	WMAQ	670
WHA	970	WIBU	1240	WGN	720
WLW	700	WENR	890	WIND	560
WBBM	780	WTMJ	620	WJJD	1160
WCCO	830	KMOX	1120	WLS	890

Lily Pons, Richard Crooks to Sing on WIBA Tonight

Soprano Lily Pons will sing over WIBA at 8 tonight in the Great Artists series. Her program will include "The Nightingale and the Rose," "Martha's Air," from "The Tsar's Bride," and music from "Die Fledermaus." Donald Voorhees' orchestra will play "Hallelujah," "Badinage," and the intermezzo from "Suor Angelica."

Other features tonight:

Music

6 p. m.—Fred Waring (WIBA): salutes Rosecrans Field, Mo.

7:30 p. m. — Richard Crooks (WIBA): "Song of India," "Men of Harlech," "Moonbeams," "In a Monastery Garden."

2:30 p. m. — Spotlight Bands (WENR): Xavier Cugat.

9 p. m. — Contented Hour (WMAQ): Josephine Antoine, others; "Carmena," "I'll See You Again," "Song of the Bombardiers," "Great Day" medley.

9:30 p. m. — Vacation Serenade (WIBA): "The Cat and the Fiddle" medley, "Stride la Vampa," "Give Me One Hour."

12 p. m. — Music You Want (WENR): Arthur Schnabel in Schubert and Beethoven.

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Drama

7 p. m.—Cavalcade of America (WMAQ): Dean Jagger in "Nine Men Against the Arctic," story of Flying Fortress crew lost in Greenland.

7:30 p. m.—Nero Wolfe (WLS): "The Case of the Deadly Million."

8 p. m.—Counter Spy (WENR): captures Nazi in "The Case of the Innocent Spy" . . . **Romance** (WBBM): "Michael and Mary," by A. A. Milne.

9 p. m.—Screen Guild Players (WBBM): Hedy Lamarr and husband John Loder in "Come Live With Me."

HEDY LAMARR
WBBM at 9

* * * *

10 p. m. — I Love a Mystery (WBBM): "Murder Is the Word for It"—adventures in a gold mine.

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Variety

8:30 p. m.—Broadway Bandbox (WBBM): Willie Howard, Frank Sinatra, Raymond Scott.

WIBA Tonight

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 Music of the Day
7:15 Treasury Parade
7:30 NBC Richard Crooks
8:00 NBC Great Artists
8:30 NBC Doctor I. Q.
9:00 Romantic Melody
9:15 NBC Listen to Lulu
9:30 NBC Vacation Serenade
10:00 Night News Edition
10:15 BLUE Raymond Gram Swing
10:30 Masterworks
11:00 NBC News Reports
11:05 NBC Three Suns Trio
11:30 NBC California Serenade
11:55 NBC News Reports

WHA Tonight

5:00 Musical Varieties
5:30 Adventure Stories: Swiss Family Robinson
5:45 Afternoon News
6:00 Chamber Musicale: "Suite for Flute, Violin, Cello, Viola Harp" —D'Indy
6:30 Masterworks of Music: Frank —"Symphonic Variations"
7:00 Short Story Time
7:30 Evening News

Other Stations Tonight

5:00 Prayer: Quizmaster—WIBU
5:00 Terry and Pirates—WENR
5:15 Golden Gate Quartet—WBBM
5:15 University Special—WIBU
5:15 Hop Harrigan—WENR
5:30 Safety Legion—WGN
5:30 Jack Armstrong WENR
5:45 Superman—WGN WIBU
5:45 Archie Andrews—WENR
6:00 Fulton Lewis, Jr.—WIBU
6:00 Fred Waring WTMJ
6:00 I Love a Mystery—WCCO
6:15 Lum and Abner—WIBU
6:15 James Hilton—WBBM WCCO
6:30 The Lone Ranger—WLS
6:30 Sound-O—WBBM
6:45 Key to Happiness—WGN
6:45 H V Kaltenborn—WMAQ
7:00 Cavalcade—WMAQ WTMJ
7:00 Cal Tinney WGN
7:00 Vox Pop—WBBM WCCO KMOX
7:15 Lum and Abner WLS
7:30 Richard Crooks—WMAQ WTMJ
7:30 The Better Half—WGN
7:30 Nero Wolfe—WLS
7:30 Gay Nineties Review WBBM
8:00 Gabriel Heatter—WGN WIBU
8:00 Counter-Spy WENR
8:00 Romance—WBBM WCCO KMOX
8:00 Great Artists—WMAQ WTMJ
8:15 Manpower Ltd.—WIBU
8:30 Return of Nick Carter—WIBU
8:30 Broadway Bandbox—WBBM
8:30 Doctor I. Q.—WMAQ WTMJ
8:30 Spotlight Bands—WENR
8:30 Laff Parade—WGN
9:00 Civilian Defense—WIBU
9:00 Contented Hour—WMAQ WTMJ
9:00 Screen Guild—WBBM WCCO
9:00 Raymond Clapper—WGN
9:00 Raymond Gram Swing—WENR
9:15 Listen to Lulu—WENR
9:15 Sanders & Savage WGN
9:30 Uncle Sam—WIBU
9:30 Bulldog Drummond—WGN
9:30 Alec Templeton—WENR
9:30 Vacation Serenade—WMAQ
9:30 Blondie—WBBM WCCO KMOX
10:00 Summer Symphonette—WENR
10:00 Fred Waring Orch. WMAQ
10:00 I Love a Mystery—WBBM
10:15 So the Story Goes WBBM
10:30 Rumpus Room (to 12) WTMJ
10:45 Nelson Olmsted—WMAQ
11:05 Music by Warrington—WBBM
11:05 Carl Ravazzas Orch.—WGN
11:15 Echoes of the Tropics—WMAQ
11:15 Lou Breese Orch. WENR
11:30 Lew Diamond Orch.—WGN
11:30 Ramon Ramos Orch.—WBBM
11:30 Eddie Oliver Orch.—WENR
11:45 California Serenade—WMAQ
12:00 Music You Want—WENR
12:00 Emile Petti Orch. WMAQ
12:00 Nite Watch (to 6) WIND
12:05 Armand Buisseret Orch.—WGN
12:05 Eddie Fens Orch. WBBM
12:30 Another Dance—WENR
12:30 Pot Luck WMAQ
12:30 Boyd Raeburn Orch.—WBBM
1:00 Swing Shift (to 3)—WENR

WIBA Tuesday

MORNING

6:00 Morning Parade.
6:25 News Report
6:30 Morning Parade
7:00 NBC World News
7:15 Musical Clock
7:30 State Journal News Edition
7:50 Musical Clock
8:50 Notes of Love
9:00 Accent on Song
9:15 NBC The Open Door
9:30 Ziegeuner Fantasy
9:45 Lutheran Gospel Hour
10:00 NBC Road of Life
10:15 The Texas Rangers
10:30 News
10:40 Interlude
10:45 NBC David Harum
11:00 Linda's First Love
11:15 Mary Foster
11:30 Perpetual Notions
11:50 The Farm Roundup

AFTERNOON

12:00 News Reports
12:05 Farm Roundup
12:30 Noon News Edition
12:50 Market Reports
1:00 NBC Guiding Light
1:15 NBC Lonely Women
1:30 NBC Light of the World
1:45 The Texas Rangers
2:00 We Have Met the Enemy
2:15 NBC Ma Perkins
2:30 Music of the Day
2:45 NBC Right to Happiness
3:00 BLU Frolics
3:15 NBC Stella Dallas
3:30 NBC Lorenzo Jones
3:45 NBC Young Widder Brown
4:00 Campus Jamboree

EVENING

5:00 NBC News Reports
5:05 NBC Music by Shrednik
5:30 News Edition
5:45 Sports Parade
5:55 News Reports
6:00 NBC Waring Victory Tunes
6:15 Dinner Melody
6:30 NBC Salute to Youth
7:00 NBC Johnny Presents
7:30 NBC The Treasure Chest
8:00 BLU Famous Jury Trials
8:30 NBC The Passing Parade
9:00 NBC Mercer's Music Shop
9:30 NBC Beat the Band
10:00 Night News Edition
10:15 BLU Raymond Gram Swing
10:30 Masterworks of Music
11:00 NBC News Reports
11:05 NBC Roy Shield and Co.
11:55 NBC News Reports

Other Stations Tuesday

MORNING

6:00 Farm News—WLS
6:00 Paul Gibson—WBBM
6:00 Top o' the Morning—WTMJ
6:00 Breakfast Frolic—WJJD
6:15 Yawn Patrol—WIND
6:15 Everett Mitchell—WMAQ
6:15 Morning Devotions—WLS
6:30 Victory Farmers—WLS
6:30 The Farm Hour—WGN
6:30 Family Bible League—WIND
7:00 Pats Gallicchio—WMAQ
7:01 Farm Service—WIBU
7:15 Haven of Rest—WLS
7:15 Dr. Preston Bradley—WGN
7:30 Wishing Well—WBBM
8:00 Musical Clock—WIBU
8:00 Your Neighbor—WMAQ
8:15 Know the Answer? WBBM
8:30 Breakfast Club—WLS
8:45 Wishing Well—WGN
9:00 Lora Lawton—WMAQ WTMJ
9:00 Valiant Lady—WBBM WCCO
9:15 Kitty Foyle—WBBM WCCO
9:15 The Open Door—WMAQ WTMJ
9:30 Shady Valley Folks—WIBU
9:30 Helpmate—WMAQ WTMJ
9:30 Honeymoon Hill—WBBM WCCO
9:45 Hollywood Theater—WMAQ
9:45 Bachelor's Children—WBBM
10:00 Road of Life—WTMJ WMAQ
10:00 Mary Lee Taylor WBBM KMOX
10:00 Breakfast at Sardi's—WLS
10:15 Vic and Sade WTMJ WMAQ
10:15 Second Husband WBBM WCCO
10:30 Eddie and Fannie—WLS
10:30 Bright Horizon—WBBM WCCO
10:30 Snow Village—WMAQ WTMJ
10:30 Safety Court—WJJD
10:45 David Harum—WMAQ WTMJ
10:45 Aunt Jenny's Stories—WBBM
11:00 Boake Carter—WGN
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 Lonely Women—WTMJ
11:15 Big Sister—WBBM WCCO
11:30 Light of the World—WTMJ
11:30 Helen Trent—WBBM WCCO
11:45 Big Sister—WTMJ
11:45 Our Gal Sunday—WCCO WBBM

AFTERNOON

12:00 Dinnerbell Time—WLS
12:00 Stars & Stripes in Britain—WGN
12:00 Life Can Be Beautiful—WBBM
12:00 Heinie—WTMJ
12:15 Ma Perkins—WBBM WCCO
12:30 Loop Noonday Service—WJJD
12:30 Vic and Sade—WBBM KMOX
12:45 Dearest Mother—WMAQ
12:45 The Goldbergs—WBBM WCCO
1:00 Life Can Be Beautiful—WTMJ
1:00 Guiding Light—WMAQ
1:00 Young Dr Malone WBBM WCCO
1:15 Lonely Women—WMAQ WLW
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 Pepper Young—WBBM KMOX
1:45 Hymns of All Churches—WMAQ
2:00 Morton Downey—WLS
2:00 Mary Marlin WMAQ WTMJ
2:15 Ma Perkins—WMAQ WTMJ
2:30 Family Bible Hour—WIBU
2:30 Pepper Young—WTMJ WMAQ
2:45 Try and Stump Us—WBBM
2:45 Right to Happiness—WMAQ
2:55 Cubs vs. Philadelphia WGN WJJD WCFL
3:00 Home Front News—WBBM
3:00 Blue Frolics—WENR
3:00 Backstage Wife—WMAQ WTMJ
3:15 Stella Dallas—WMAQ WTMJ
3:30 Mystery Chef—WENR
3:30 Lorenzo Jones—WMAQ WTMJ
3:45 Young Widder Brown—WMAQ
4:00 When a Girl Marries—WMAQ
4:15 Portia Faces Life—WMAQ
4:30 Facts for Freedom—WBBM
4:30 Chick Carter—WIBU
4:30 Just Plain Bill—WMAQ WTMJ
4:45 American Women—WBBM
4:45 Front Page Farrell—WMAQ
4:45 Dick Tracy—WENR

EVENING

5:00 Terry and the Pirates—WENR
5:00 Prayer: Quizmaster—WIBU
5:15 University Special—WIBU
5:15 Edwin C. Hill—WBBM WCCO
5:15 Hop Harrigan—WENR
5:30 Safety Legion—WGN
5:30 Jack Armstrong WENR
5:45 Superman—WGN WIBU
5:45 Archie Andrews—WENR
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 Here's to Romance—WLS
6:30 Those Who Serve—WTMJ
6:30 American Melody Hour WBBM
6:45 Key to Happiness—WGN
6:45 Confidentially Yours—WIBU
6:45 H V Kaltenborn—WMAQ
7:00 Johnny Presents WTMJ WMAQ
7:00 Lights Out WBBM WCCO
7:15 Confidentially Yours—WGN
7:15 Lum and Abner WLS
7:30 Casting Office—WGN
7:30 Horace Heidt WTMJ WMAQ
7:30 Judy Canova WBBM WCCO
7:30 Noah Webster Says—WLS
8:00 The Colonel—WBBM WCCO
8:00 Battle of Sexes WMAQ WTMJ
8:00 Famous Jury Trials WENR
8:00 Gabriel Heatter—WGN WIBU
8:30 The Cisco Kid—WIBU
8:30 Report to the Nation—WBBM
8:30 Passing Parade—WMAQ WTMJ
8:30 Ahoy America—WGN
8:30 Spotlight Bands WENR
9:00 Suspense—WBBM WCCO KMOX
9:00 Raymond Gram Swing—WENR
9:00 Music Shop—WMAQ WTMJ
9:15 Sanders and Savage WGN
9:15 Lulu and Johnny—WENR
9:30 Music That Endures—WGN
9:30 Congress Speaks—WBBM
10:00 Fulton Lewis, Jr.—WGN
10:00 I Love a Mystery—WBBM
10:00 Fred Waring Orch.—WMAQ
10:00 Summer Symphonette—WENR
10:30 Rumpus Room—WTMJ
10:30 Salute to Youth—WMAQ
10:30 Sinfonietta—WIBU
10:45 Judy Starr—WBBM
11:05 Rumpus Room—WTMJ
11:05 Bobby Sherwood Orch.—WBBM
11:05 Lawrence Welk Orch.—WGN
11:15 Eddy Rogers Orch.—WGN
11:15 Roy Shield and Co.—WMAQ
11:15 Lou Breese Orch.—WENR
11:30 Griff Williams Orch.—WGN
11:30 Gay Claridge Orch.—WENR
11:30 Eddie Fens Orch.—WBBM
12:00 Henry Brandon Orch.—WMAQ
12:00 Nite Watch (to 6)—WIND
12:00 Music You Want—WENR
12:05 Art Kassel Orch.—WGN
12:05 Charlie Wright Orch.—WBBM
12:30 Sonny Dunham Orch.—WENR
12:30 Jimmy Blade Orch.—WBBM
12:30 Pot Luck—WMAQ
1:00 Swing Shift (to 3)—WENR

News Broadcasts

TONIGHT

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

TUESDAY

A. M.
6:00 WMAQ WIND
6:25 WIBA
6:30 KMOX WTMJ
6:45 WLS
6:55 WMAQ WBBM
7:00 WCFL KMOX
7:00 WBBM WJJD
7:00 WTMJ WLS
7:00 WIBA WIND
7:10 WGN
7:15 WJJD WBBM
7:30 WIBA WTMJ
7:45 WJJD WHA
7:55 WMAQ WTMJ
8:00 WIND KMOX
8:00 WBBM WGN
8:15 WMAQ WLS
8:25 WTMJ
8:30 WCCO
8:40 WMAQ
8:45 WIND
8:55 WJJD
9:00 WGN
9:15 WCFL
9:20 WHA
9:30 WIBU WLS
10:00 WGN WIND
10:00 WIBU WJJD
10:30 WIBA WIND
10:45 WLS
11:00 WGN WIND
11:20 WHA
11:30 WIBU WGN
11:30 WMAQ

P. M.
12:00 WCFL WJJD
12:00 WIBA WIND
12:15 WIBU
12:20 WHA
12:30 WGN WLS
12:30 WIBA WMAQ
12:45 WCFL KMOX
12:55 WTMJ
1:00 WCFL WIND
1:30 WLS WCFL
1:30 WIBU WJJD
1:45 WGN
1:55 WTMJ
2:00 WIND WCFL
2:00 WIBU WBBM
2:15 KMOX
2:30 WGN WLS
3:00 WIBU WIND
3:30 WBBM
3:55 WENR
4:00 WIND
4:40 WENR
5:00 WCCO WCFL
5:00 WBBM WIND
5:00 WIBA KMOX
5:15 WMAQ
5:25 WGN
5:30 WCCO KMOX
5:30 WBBM WTMJ
5:30 WIBA WJJD
5:45 WCCO WHA
5:45 WMAQ WBBM
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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 WLS WIND
7:25 WIBU
7:30 WHA WIND
7:55 WBBM KMOX
8:00 WIBU WGN
8:15 WGN
8:30 WCFL
8:45 WIND
9:00 WENR WIBU
9:00 WIND WCFL
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10:00 WIND WIBA WTMJ
10:15 WCCO KMOX
10:15 WIBA WMAQ
10:30 WENR WIBU
10:30 WBBM WGN
10:45 WGN WENR
11:00 WTMJ KMOX
11:00 WCCO WIBU
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
3:00 WIND
4:00 WIND
5:00 WIND

Sports Reviews

TONIGHT

5:15 WIND WGN
5:45 WIBA WTMJ
6:00 KMOX
6:05 WIND
7:05 WCFL
8:55 WENR
12:30 a. m.—WGN

TUESDAY

P. M.
2:15 WIND
2:30 WIND WJJD
2:45 WGN WJJD
3:15 WIND
4:15 WIND
5:00 WJJD
5:15 WGN WIND
5:45 WTMJ WIBA
6:00 KMOX
6:05 WIND
7:05 WCFL
8:55 WENR
9:45 WIND
12:30 a. m. WGN

Markets

TUESDAY

A. M.
6:25 KMOX
11:00 WIBU
11:30 WLS
11:45 WLS

P. M.
12:00 WIBU
12:10 WIBU
12:35 WIBU
12:45 WGN
12:50 WLS WIBA
1:00 WJJD
1:15 WLS

Paige Stars in Negro Game Before 51,723 Fans

CHICAGO — (U.P.) — Leroy (Satchel) Paige turned in a characteristic performance on the mound Sunday as the West defeated the East in the 11th annual Negro All-Star baseball classic.

Paige, Negro baseball's greatest pitcher, worked the first three innings for the West and was forced to pitch to only 10 hitters. He struck out four men, walked one, and did not allow a hit.

A crowd of 51,723 — the largest to witness a ball game in Chicago for two years—jammed Comskey Park, and about 10,000 others were turned away.

Line Is Worry of Coach Stidham for Hilltop Eleven

MILWAUKEE—(U.P.)—The final week of summer grid drills was underway at Marquette University today with lack of size in the line the biggest worry of Coach Tom Stidham. The light summer sessions were to be replaced with heavy drills when fall practice opens about Sept. 1.

Stidham said he was satisfied with the spirit and progress made by the 72 boys reporting for the hot weather drills but would not predict what his lineup would be in the Sept. 18 opening game at Madison against the University of Wisconsin.

He was hopeful a new contingent of V-5 naval aviation cadets due to arrive on the campus Sept. 1 would include several more team candidates. Eight lettermen plus a few reserves from recent Hilltop squads form the nucleus of Stidham's 1943 varsity.

Included are Center Greg Prodromus, Cudahy; Guard Steve Enich, Hibbing, Minn.; Tackle Len Liss and Quarterback Aloys Vogt, Milwaukee; Halfbacks Paul Copoulos and Harvey Baerwald, Milwaukee; Fullbacks John Rudan, Racine, and Hal Eigner, Milwaukee.

Milwaukee Fight Moved Outdoors

MILWAUKEE — Originally scheduled for the Milwaukee Auditorium, the Doll Rafferty-Joey Archibald 10-round fight will instead be staged outdoors at Borchert Field on Wednesday night, Aug. 11, according to an announcement by officials of the Twentieth Century Sprts Club.

Issue Rules for Navy Service Grid Teams This Fall

WASHINGTON —(U.P.)— A directive issued by Secretary Frank Knox today limited Navy service teams to playing games with aggregations inside their own National Collegiate Athletic Association areas. U. S. Naval academy teams were specifically exempted from the ruling.

Under the terms of the directive, a Navy team from South Carolina would be forced to select as its opponent some club within the third N. C. A. A. district. In addition, games between service teams would have to be played at the home grounds of one of them.

Students enrolled in the V-12 college training program who participate in intercollegiate athletics, may do so only as representatives of the college they attend, and not the Navy.

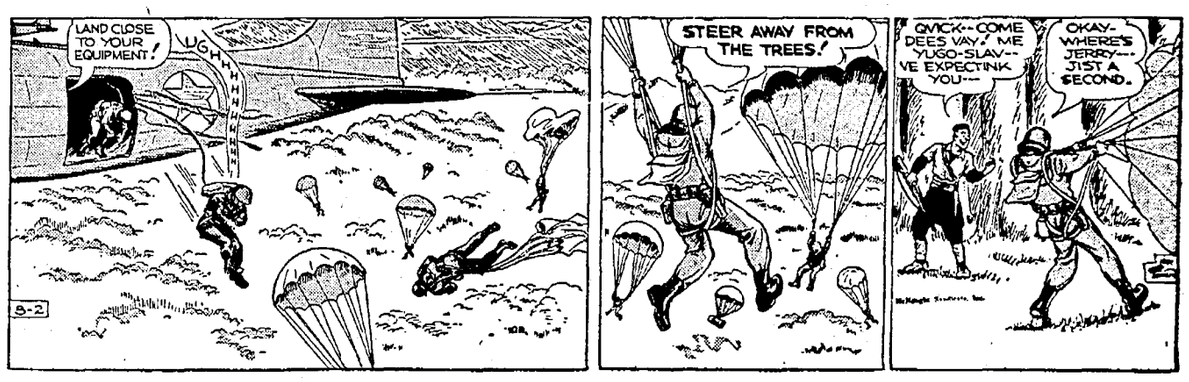
The regulations were outlined by Rear Admiral Randall Jacobs, chief of Navy personnel, in a New York address. Questions arising under the new ruling must be submitted to him.

Commanding officers of naval units which have already scheduled games that conflict with the terms of the directive were instructed to contact Jacobs for a decision.

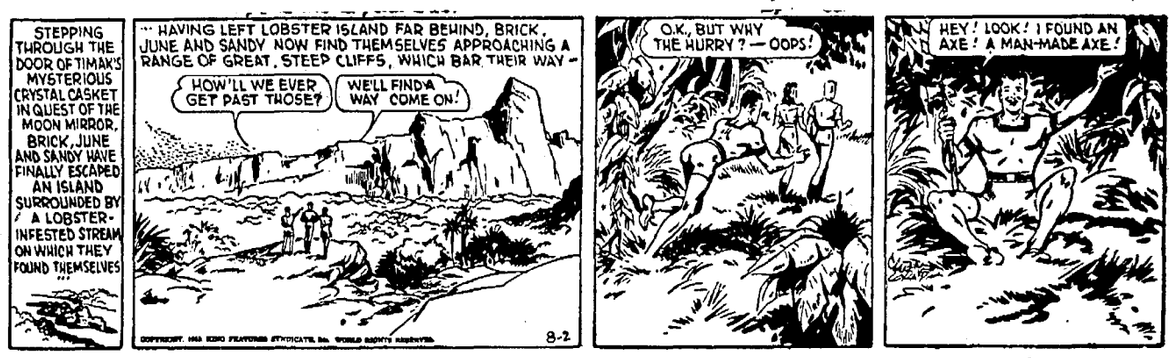
SCOTT'S SCRAP BOOK — By R. J. Scott

DAN DUNN — Secret Operative 48

JOE PALOOKA — By Ham Fisher

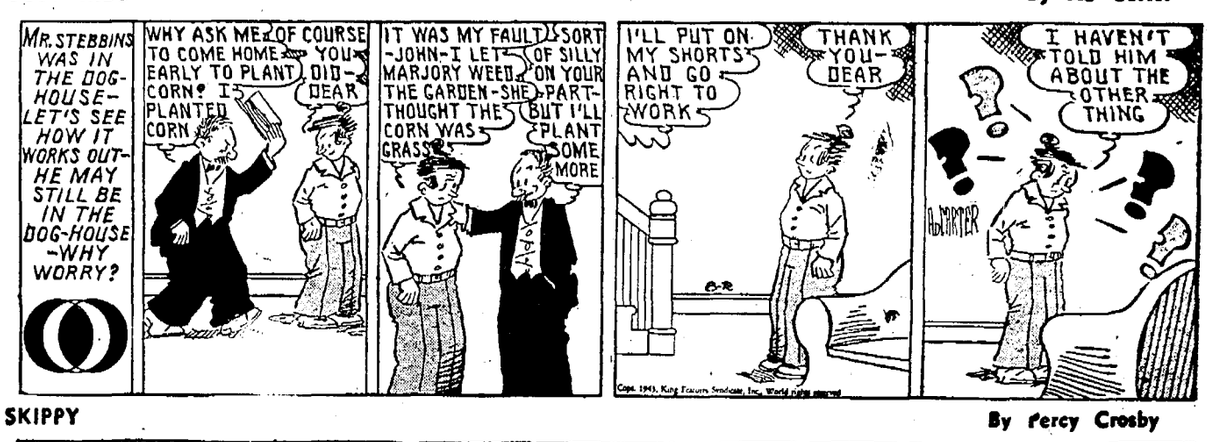


BRICK BRADFORD — By William Ritt and Clarence Gray



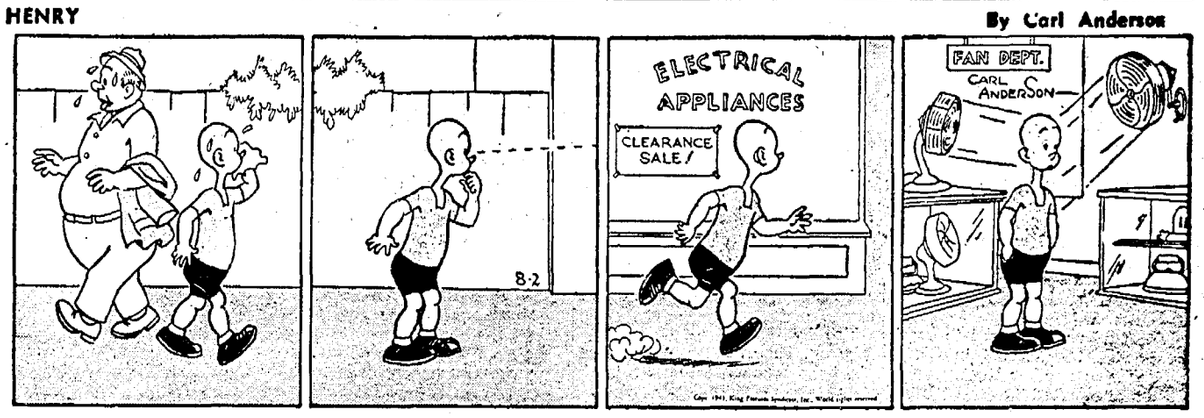
THE NEBBS — By Sol Hess

JUST KIDS — By Ad Carter



SKIPPY — By Percy Crosby

HENRY — By Carl Anderson



Uncle Ray's Corner

CLIFF SWALLOW STOLE MUD CARRIED BY OTHER BIRDS

THERE is an old saying which tells us that "one swallow does not make a summer."

Swallows are warm weather birds. They are likely to die if they have to pass through a cold wave. For that reason they are careful about flying north in the spring, coming later than many other birds.

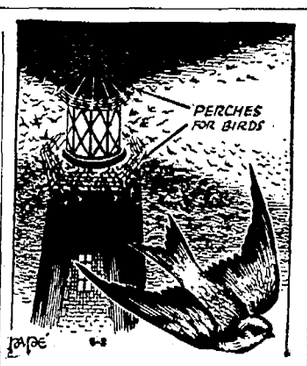
Seeing a swallow, a person may feel that summer must have come. Probably he is right, but one swallow might have made a mistake about the season.

Swallows do make a mistake now and then about weather. From time to time they have been found frozen after meeting a sudden cold spell. In general, however, they are good judges. Their usual custom is to move in flocks, and a whole flock seldom, if ever, will make a mistake.

Swallows are among the birds which have suffered a great deal by flying against lighthouses. In an effort to stop this loss of bird life, people have built perches on many lighthouses. As a result some of the birds have learned to stop and take a rest on reaching a lighthouse.

Bank swallows and certain of their relatives live in holes in bluffs or river banks. They may choose an empty hole left by furry animals, or they may dig holes for themselves.

Although they like warm weather, some swallows fly to northern Canada and Alaska. They stay in the far north only while good summer weather exists there. More than 700 holes of bank swallows have been found on the face of a single sand-bluff in Alaska.



A swallow in flight, with lighthouse in background.

The majority of swallows, however, make their nests from mud. Finding a puddle or muddy bank, they take away bits of clay and build a home.

In a colony of cliff swallows, all except one of the birds seemed busy making clay nests by using mud from a puddle. The bird which was not very busy was a female. She may have been sick but possibly was just lazy. Instead of making trips to the puddle, she would wait until another bird brought in soft mud for a nest. After the other bird flew away for the next load, this crafty swallow would steal the last load for her own nest. This happened not once but dozens of times. So far as could be told, the other birds did not notice the robbery which was going on.

(For NATURE section of your scrapbook.)

Uncle Ray

Tomorrow: Bird Banding.