(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
KSTP	1500	WENR	890	WIND	560
WBBM	780	WTMJ	620	WLBL	930
WCCO	830	KMOX	1120		

WIBA Offers Richard Crooks in Five Tenor Solos Tonight

Richard Crooks returns to the air after his Canadian and Pacific Northwestern trip and will be heard at 7:30 tonight over WIBA. His tenor solos will include "Yours Is My Heart Alone" by Lehar, "In the Gloaming" by Harrison, Purcell's "Passing By," a favorite Australian tune, "Waltzing Matilda," by Cowan, and "Liberian National Anthem." The orchestra, directed by Alfred Wallenstein, will play Gould's "New China March," Steiner's "Hora Burlesca," and Ziehrer's "Vienna Beauties."

Other features tonight:

JUDY GARLAND
WBBM at 9

Discussion

7 p. m. — Vox Pop (WBBM): overseas shortwave transatlantic phone call between a member of the United Nations armed forces and his family.

9 p. m. — Emergency Housing (WIBA): "Housing as A Hobby—the Activities of One Madison Landlady," Mrs. A. D. Richardson.

10:15 p. m. — Mme. Chiang Kai-shek (WCFL): address to mass gathering in Chicago stadium; China's predicament and its role in the United Nations' war effort.

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Drama

6:15 p. m. — Ceiling Unlimited (WBBM): Charles Boyer, actor, portrays Alberto Santos-Dumont, Brazilian pioneer aviator.

7 p. m. — Cavalcade (WMAQ): Alfred Lunt, guest star, in "Lifetide;" Maj. Gen. James Carre Magee, surgeon general of the U. S. army, speaker.

8 p. m. — Radio Theater (WBBM): George Raft, Lynn Bari, and Franchot Tone, guest stars, in "Each Dawn I Die." . . . **Counter Spy** (WENR): a briefcase of diamonds, a country girl, and a traffic accident cause trouble.

9:30 p. m. — Blondie (WBBM): "Blondie Meets a New Personality" in which Dagwood becomes a new and different man.

10 p. m. — I Love a Mystery (WBBM): returns to the air with "The Girl in the Gilded Cage;" Doc and Jack receive instructions from a man who is dying of a knife wound.

11:15 p. m. — Hot Copy (WMAQ): "Pictures for Mr. Graham."

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Quiz

7:30 p. m. — True or False (WLS): spinsters versus bachelors.

9:30 p. m. — Information Please (WIBA): Sinclair Lewis and Christopher Morley, authors, guests.

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Music

7:30 p. m. — Gay Nineties Revue (WBBM): Lillian Leonard, "Yip-I-Addy-I-ay."

8 p. m. — Symphonic Hour (WMAQ): Jascha Heifetz, guest violinist, Ponce's "Estrellita," Brahms' "Hungarian Dance No. 7," Dinicu's "Hora Staccato," and Lalo's fourth and fifth movements of "Symphonie Espagnole."

8:30 p. m. — Spotlight Bands (WENR): Hal MacIntyre.

9 p. m. — Contented Hour (WMAQ): premiere performance of Fred Waring's new fighting song, "Man to Man." . . . **Screen Guild Players** (WBBM): Judy Garland, George Murphy and Gene Kelly in "For Me and My Gal."

9:30 p. m. — Alec Templeton (WENR): introduces his own tune, "You Can't Get Cross with Milton Cross."

12 midnight — Music You Want (WENR): all Bach program recorded by Stokowski and the Philadelphia orchestra, Marion Anderson, the Victory Symphony, and Virgin Fox.

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Variety

9:15 p. m. — Gracie Fields (WENR): salute to El Salvador; Gracie tells how former Nazi freighters are brought into the service of the United Nations.

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Tuesdaytime

12 noon — Stars and Stripes in Britain (WGN): Ben Lyon and Bebe Daniels report on AEF activities in Britain; account of invasion tactics by seven American soldiers.

1:15 p. m. — Legislative Forum (WHA): Assemblywoman Mary O. Kryszak, "The Quality of Oleomargarine."

2:30 p. m. — School of the Air (WBBM): musical picture of Col. Williamsburg on the 168th anniversary of Patrick Henry's "Give Me Liberty" speech.

News Broadcasts

TONIGHT

5:00 WCCO KMOX 9:45 WENR
5:00 WBBM WIND 10:00 WIBU WIND
5:15 WIND WMAQ 10:00 WIBA WTMJ
5:25 WGN 10:15 WIBA WMAQ
5:30 WTMJ WIBA 10:30 WENR
5:45 WHA WCCO 10:30 WGN WBBM
5:45 WBBM WMAQ 10:40 KMOX
5:55 WIBA WBBM 10:45 WENR
6:00 WBBM WIBU 11:00 WIBU KMOX
6:00 WIND WLS 11:00 WBBM WCCO
6:15 WIBA 11:00 WMAQ WGN
6:15 WMAQ WTMJ 11:00 WIBA WENR
6:30 WIBU WGN 11:30 WGN
6:45 WMAQ WIBA 11:55 WIBA WMAQ
7:00 WLS WIND 11:55 WENR
7:30 WIBU WIND 12:00 WIND WBBM
7:55 WBBM KMOX 12:55 WMAQ WENR
8:00 WIND WGN 1:00 WIND
8:15 WGN 1:30 WGN
8:30 WCFL 2:00 WIND
8:45 WIND 3:00 WIND
9:00 WENR WGN 4:00 WIND
9:00 WIND WCFL 5:00 WIND
9:30 WCFL

TUESDAY

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

Sports Reviews

TONIGHT

5:45 WIBA WTMJ 10:00 KMOX
6:15 WGN

TUESDAY

P. M.
2:30 WIND
3:15 WIND
4:15 WIND
5:45 WTMJ WIBA
6:15 WGN
10:00 KMOX

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

Ship Production Insufficient, Japs Say

The Tokyo radio acknowledged Saturday that ships built in Japanese naval yards were "not enough to meet the requirements of Japan," United Press reported.

Japan is working feverishly to refloat scuttled Allied ships throughout the Pacific in order to meet all Jap requirements in that area, a broadcast recorded by the United Press in New York said.

WIBA Tonight

5:00 NBC Music by Shrednik
5:15 Music for School and Home
5:50 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 Soldiers of the Press
7:15 Music of the Day
7:30 NBC Richard Crooks
8:00 NBC Great Artists
8:30 NBC Doctor I. Q.
9:00 Defense Housing
9:15 Let's Get Together
9:30 NBC Information Please
10:00 Night News Edition
10:15 BLU Raymond Gram Swing
10:30 Masterworkers of Music
11:00 NBC News Report
11:05 NBC Three Suns Trio
11:30 NBC Echoes from the Tropics
11:55 NBC News Report

WHA Tonight

5:00 Adventure Stories
5:15 Musical Varieties
5:45 Afternoon News
6:00 Organ Reverie
6:30 Masterworks of Music

Other Stations Tonight

5:00 Prayer; Quizmaster WIBU
5:15 Jimmy Allen—WENR
5:15 University Special—WIBU
5:30 Keep Working—WBBM WCCO
5:30 Jack Armstrong—WENR
5:45 Capt. Midnight—WENR
6:00 Fred Waring—WTMJ
6:00 Dr Preston Bradley—WGN
6:00 Fulton Lewis Jr.—WIBU
6:15 Ceiling Unlimited WBBM WCCO
6:15 Lum and Abner—WIBU
6:30 The Lone Ranger—WLS WCFL
6:45 H. V. Kaltenborn—WMAQ
7:00 Cavalcade—WMAQ WLW WTMJ
7:00 Cal Tinney—WGN
7:00 Vox Pop—WBBM WCCO KMOX
7:15 Lum and Abner—WLS
7:15 Comedy Capers—WGN
7:30 Bulldog Drummond—WGN
7:30 True or False—WLS
7:30 Gay Nineties Review—WBBM
7:30 Richard Crooks—WTMJ WMAQ
8:00 Great Artists—WMAQ WTMJ
8:00 Counter-Spy—WENR
8:00 Radio Theater—WBBM WCCO
8:00 Gabriel Heatter—WGN
8:30 Doctor I. Q.—WMAQ WTMJ
8:30 Mediation Board—WIBU
8:30 Spotlight Bands—WENR
8:55 Dale Carnegie—WENR
9:00 Screen Guild—WBBM WCCO
9:00 Raymond Clapper—WGN
9:00 Raymond Gram Swing—WENR
9:00 Contented Hour—WMAQ WTMJ
9:15 Gracie Fields—WENR
9:15 Sanders & Savage—WGN
9:30 Alec Templeton—WENR
9:30 Information Please—WMAQ
9:30 Blondie—WBBM WCCO KMOX
9:35 Music That Endures—WGN
9:35 Basin St. Music—WCFL
10:00 Most Honored Music—WENR
10:00 Fred Waring Orch.—WMAQ
10:00 I Love a Mystery—WBBM
10:15 Mme. Chiang Kai-shek—WCFL
10:15 Treasury Star Parade—WTMJ
11:15 Hot Copy—WMAQ
10:15 So the Story Goes—WBBM
10:30 Rumpus Room (to 12)—WTMJ
11:05 Gracie Barrie Orch.—WGN
11:05 Teddy Powell Orch.—WBBM
11:15 Hot Copy—WMAQ
11:15 Lou Breese Orch.—WENR
11:30 Russ Morgan Orch.—WENR
11:30 Neil Bondshu Orch.—WBBM
11:45 Tropical Echoes—WMAQ
12:00 Emile Petti Orch.—WMAQ
12:00 Armand Buisseret Orch.—WGN
12:00 Nite Watch (to 6)—WIND
12:00 Music You Want—WENR
12:05 Eddie Fens Orch.—WBBM
12:30 Boyd Raeburn Orch.—WBBM
12:30 Another Dance—WENR
12:30 Pot Luck—WMAQ
1:00 Swing Shift (to 3)—WENR
1:00 Lew Diamond Orch.—WGN

WIBA Tuesday

MORNING

6:30 Morning Parade.
7:00 NBC World News.
7:15 Musical Clock.
7:30 State Journal News Edition.
7:50 Musical Clock.
8:30 Campbell Sisters.
8:45 Interlude.
8:50 Betty.
9:00 NBC Robert St. John.
9:15 NBC The O'Neills.
9:30 Uncle Sam.
9:45 Lutheran Gospel Hour.
10:00 NBC Road of Life.
10:15 NBC Vic and Sade.
10:30 Linda's First Love.
10:45 The Editor's Daughter.
11:00 News Report.
11:15 March of Mercy.
11:30 The Campbell Sisters.
11:45 The Farm Roundup.

AFTERNOON

12:00 News Report.
12:05 Farm Roundup.
12:30 Noon News Edition.
12:50 Market Reports.
1:00 Melody Moments.
1:30 Perpetual Notions.
2:00 Virginia Graham.
2:15 NBC Ma Perkins.
2:30 NBC Pepper Young's Family.
2:45 NBC Right to Happiness.
3:00 NBC Stella Dallas.
3:30 NBC Lorenzo Jones.
3:45 NBC Young Widder Brown.
4:00 The Campus Jamboree.

EVENING

5:15 Music for School and Home.
5:30 News Edition.
5:45 Sports Parade.
5:55 News Reports.
6:00 NBC Waring Victory Tunes.
6:15 Dinner Melody.
6:45 NBC H. V. Kaltenborn.
7:00 NBC Johnny Presents.
7:30 NBC Treasure Chest.
8:00 BLU Famous Jury Trials.
8:30 NBC Fibber McGee and Molly.
9:00 NBC Bob Hope.
9:30 NBC Red Skelton Show.
10:00 Night News Edition.
10:15 BLU Raymond Gram Swing.
10:30 Masterworks of Music.
11:00 NBC News Report.
11:05 NBC Roy Shield Orchestra.
11:55 NBC News Report.

WHA Tuesday

MORNING

7:30 Band Wagon.
7:45 Morning News.
7:58 Program Review.
8:00 Music You Want.
8:30 The World We Are Making: Prof. Selig Perlman.
9:00 Morning Melodies.
9:20 News and Views.
9:30 Storybook Land: Pig-O-Wee.
9:50 News of Wisconsin.
10:00 Homemakers' Program: Food From the Urban Gardens, Grace Rowntree; Southern Bird Calls, Joseph Hickey.
10:45 Concert Airs.
11:00 World Literature, Prof. Philo M. Buck.
11:50 Noon Musicale.

AFTERNOON

12:20 Noon News.
12:30 Farm Program: Home Grown Nitrogen — Your Wartime Responsibility, W. W. Umbreit; Vocational Agriculture in the News, L. M. Sasman.
1:00 Chapter a Day.
1:15 Legislative Forum: Assemblywoman Mary O. Kryszak—"The Quality of Oleomargarine."
1:30 Let's Draw: Tom Thumb.
2:00 Following Congress.
2:30 Music of the Masters.
3:30 Wake Up America: "Is Business Making Too Much Money Out of the War?"
4:15 Red Cross Program.
4:30 Steuben Music Program.

EVENING

5:00 Adventure Stories.
5:15 Musical Varieties.
5:30 WHA String Trio.
5:45 Afternoon News.
6:00 Organ Reverie.
6:30 Masterworks of Music.

Other Stations Tuesday

MORNING

6:00 Breakfast Time Frolics—WGN
6:00 Paul Gibson—WBBM
6:00 Sunrise Special—WTMJ
6:00 Breakfast Frolic—WJJD
6:15 Everett Mitchell—WMAQ
6:15 Morning Devotions—WLS
6:30 Victory Farmers—WLS
6:30 Family Bible League—WIND
7:00 Norman Ross—WMAQ
7:01 Farm Service—WIBU
7:30 Wishing Well—WBBM
7:45 Amanda Show—WLS
8:00 Your Neighbor—WMAQ
8:15 Know the Answer?—WBBM
8:30 Norman Ross—WMAQ
8:35 Musical Clock—WBBM
8:45 Wishing Well—WGN
9:00 Uncle Sam—WTMJ
9:00 Mountain Theater—WLS
9:00 Valiant Lady—WBBM WCCO
9:15 Kitty Foyle—WBBM WCCO
9:15 The O'Neills—WMAQ WTMJ
9:30 Helpmate—WMAQ WTMJ
9:30 Honeymoon Hill—WBBM WCCO
9:45 Lone Journey—WMAQ WTMJ
9:45 Bachelor's Children—WBBM
10:00 Katherine & Calliope—WGN
10:00 Eddie and Fannie—WLS
10:00 Road of Life—WTMJ WMAQ
10:00 Mary Lee Taylor—WBBM KMOX
10:15 Breakfast at Sardi's—WLS
10:15 Vic and Sade—WTMJ WMAQ
10:15 Second Husband—WBBM WCCO
10:15 Pat and the Mike—WGN
10:30 Bright Horizon—WBBM WCCO
10:30 Snow Village—WMAQ WTMJ
10:30 Yankee House Party—WIBU
10:30 Safety Court—WJJD
10:45 David Harum—WMAQ WTMJ
10:45 Aunt Jenny's Stories—WBBM
10:45 Madeleine Carroll—WIND
11:00 Boake Carter—WGN
11:00 Martha and Helen—WLS
11:00 Kate Smith Speaks—WBBM
11:00 Painted Dreams—WMAQ
11:00 Guiding Light—WTMJ
11:15 Linda's First Love—WGN
11:15 Lonely Women—WTMJ
11:15 Big Sister—WBBM WCCO
11:30 Light of the World—WTMJ
11:30 Farm and Home Hour—WCFL
11:30 Helen Trent—WBBM WCCO
11:45 Big Sister—WTMJ
11:45 Our Gal Sunday—WCCO WBBM
11:45 March of Mercy—WMAQ

AFTERNOON

12:00 Stars & Stripes in Britain—WGN
12:00 Dinnerbell Program—WLS
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 Sweet River—WMAQ
12:45 The Goldbergs—WBBM WCCO
1:00 School Time—WLS
1:00 Light of the World WMAQ WLW
1:00 Young Dr. Malone WBBM WCCO
1:00 The Goldbergs—WTMJ
1:00 Light of the World—WMAQ
1:15 Lonely Women—WMAQ WLW
1:15 Life Can Be Beautiful—WTMJ
1:15 Joyce Jordan—WBBM WCCO
1:15 Painted Dreams—WGN
1:30 Victory Hour—WCFL
1:30 Editor's Daughter—WGN
1:30 Guiding Light—WMAQ WLW
1:30 Aunt Jenny—WTMJ
1:30 Homemakers Program—WLS
1:30 We Love and Learn—WBBM
1:45 Vanguard of Victory—WLS
1:45 Pepper Young—WBBM
1:45 Hymns of All Churches—WMAQ
2:00 Morton Downey—WLS
2:00 David Harum—WBBM WCCO
2:00 Mary Marlin WMAQ WTMJ WLW
2:15 Ma Perkins—WMAQ WTMJ
2:15 Time for Company—WLS
2:15 Shady Valley Folks—WIBU
2:30 Pepper Young—WTMJ WMAQ
2:30 School of the Air—WBBM
2:30 Open House—WGN
2:45 Right to Happiness—WMAQ
3:00 Backstage Wife—WMAQ WTMJ
3:00 Club Matinee—WENR
3:05 Stop, Look, and Listen—WGN
3:15 Stella Dallas—WMAQ WTMJ
3:30 Lorenzo Jones—WMAQ WTMJ
3:45 Widder Brown—WMAQ WTMJ
4:00 When a Girl Marries—WMAQ
4:15 Portia Faces Life—WMAQ
4:30 Just Plain Bill—WMAQ WTMJ
4:45 The Home Fires—WBBM
4:45 Front Page Farrell—WMAQ
4:45 Superman—WIBU
4:45 Dick Tracy—WENR

EVENING

5:00 Terry & the Pirates—WENR
5:00 Prayer; Quizmaster—WIBU
5:15 University Special—WIBU
5:15 Edwin C Hill—WBBM WCCO
5:15 Jimmie Allen—WENR
5:30 Malcolm Claire—WMAQ
5:30 Jack Armstrong—WENR
5:45 Capt. Midnight—WENR
6:00 Dr. Preston Bradley—WGN
6:00 Fred Waring—WTMJ
6:00 Fulton Lewis, Jr.—WIBU
6:15 Lum and Abner—WIBU
6:15 Harry James—WBBM WCCO
6:30 Those Who Serve—WTMJ
6:30 American Melody Hour—WBBM
6:40 Five-Minute Mystery—WMAQ
6:45 Treasury Star Parade—WLS
6:45 H. V. Kaltenborn—WMAQ
7:00 Singin' Sam—WGN
7:00 Johnny Presents—WTMJ WMAQ
7:00 Lights Out—WBBM WCCO
7:15 Dr. F. Roetter—WIBU
7:15 Clifton Utley—WGN
7:15 Lum and Abner—WLS
7:30 Hollywood Spotlight—WGN
7:30 Jolson and Woolley—WBBM
7:30 Duffy's—WLS
7:30 Horace Heidt—WTMJ WMAQ
8:00 Burns & Allen—WBBM WCCO
8:00 Battle of Sexes—WMAQ WTMJ
8:00 Famous Jury Trials—WENR
8:00 Gabriel Heatter—WGN
8:30 Suspense—WCCO KMOX
8:30 Fibber McGee—WMAQ WTMJ
8:30 Spotlight Bands—WENR
8:55 Dale Carnegie—WENR
9:00 Jazz Laboratory—WBBM WCCO
9:00 Raymond Gram Swing—WENR
9:00 Bob Hope—WMAQ WTMJ
9:15 Gracie Fields—WENR
9:15 Sanders and Savage—WGN
9:30 Confidentially Yours—WGN
9:30 This Nation at War—WCFL
9:30 Red Skelton—WMAQ WTMJ
9:30 Public Affairs—WBBM WCCO
9:45 Frazier Hunt—WBBM WCCO
10:00 I Love a Mystery—WBBM
10:00 Most Honored Music—WENR
10:00 Fred Waring Orch.—WMAQ
10:15 Red Cross Reports—WBBM
10:15 March of Mercy—WTMJ
10:30 Teachers' Meeting—WMAQ
10:30 Rumpus Room (to 12)—WTMJ
10:45 Salute to Victory—WBBM
11:05 Freddy Nagel Orch.—WGN
11:05 Jimmy Dorsey Orch.—WBBM
11:10 Roy Shield and Co.—WMAQ
11:15 Eddy Howard Orch.—WGN
11:15 Lou Breese Orch.—WENR
11:30 Gay Claridge Orch.—WENR
11:30 Eddie Fens Orch.—WBBM
11:30 Joe Reichman Orch.—WGN
12:00 Henry Brandon Orch.—WMAQ
12:00 Art Kassel Orch.—WGN
12:00 Nite Watch (to 6)—WIND
12:00 Music You Want—WENR
12:05 Charlie Wright Orch.—WBBM
12:30 Jimmy Blade Orch.—WBBM
12:30 Glen Gray Orch.—WENR
12:30 Pot Luck—WMAQ
1:00 Swing Shift (to 3)—WENR

U. S. Paratroops Flew from England to African Battle

LONDON—(U.P.)—The air ministry revealed Saturday night that American paratroops had been dispatched from the airfields of the southwest English coast to faraway North Africa and sent directly into battle.

The Yankee parachutists accomplished their mission without a hitch—the capture on Nov. 8 of Lasenia airfield near Oran, which they held unassisted for 48 hours despite stiff opposition. It was the first time men had been sent such a distance by air to plunge into battle without rest.

The mission started Nov. 7 at two British airfields in southwest England. The men had no idea of their destination until just before the take-off. They then learned where they were going and that at the end of the long jaunt some opposition — no one knew how much — was expected.

The parachutists arranged their gear at the field and the crews of the big craft which carried them got their instructions At a prearranged zero hour they were ordered to leave, and the crews were warned that the slightest delay in getting one plane into the air might hold up those behind and cause serious trouble.

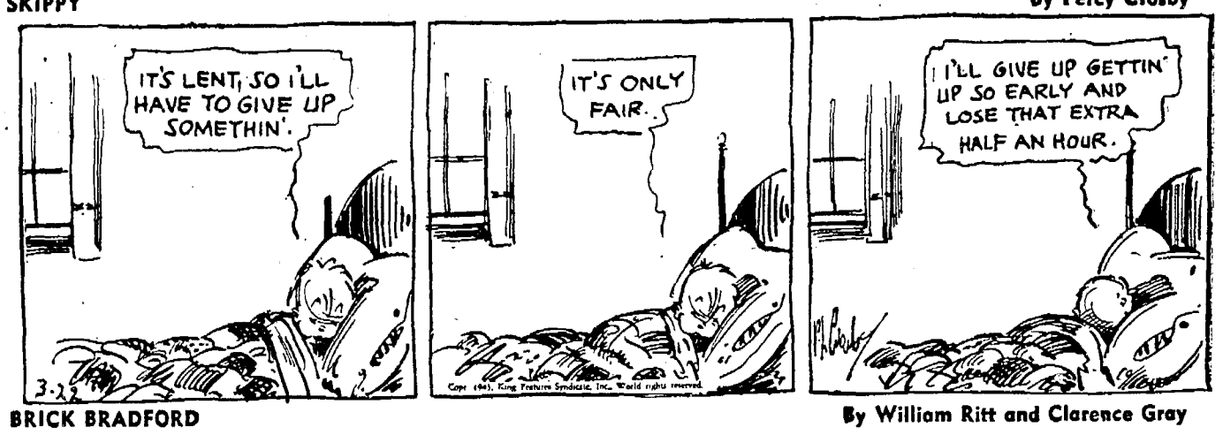
There was never a bobble. The planes took off until observers said, "the sky seemed full of red and green navigation lights." The running lights were cut off until the planes reached Oran at dawn Nov. 8, where the paratroops floated down to take the field.

SCOTT'S SCRAP BOOK — By R. J. Scott

DAN DUNN — Secret Operative 48

JOE PALOOKA — By Ham Fisher

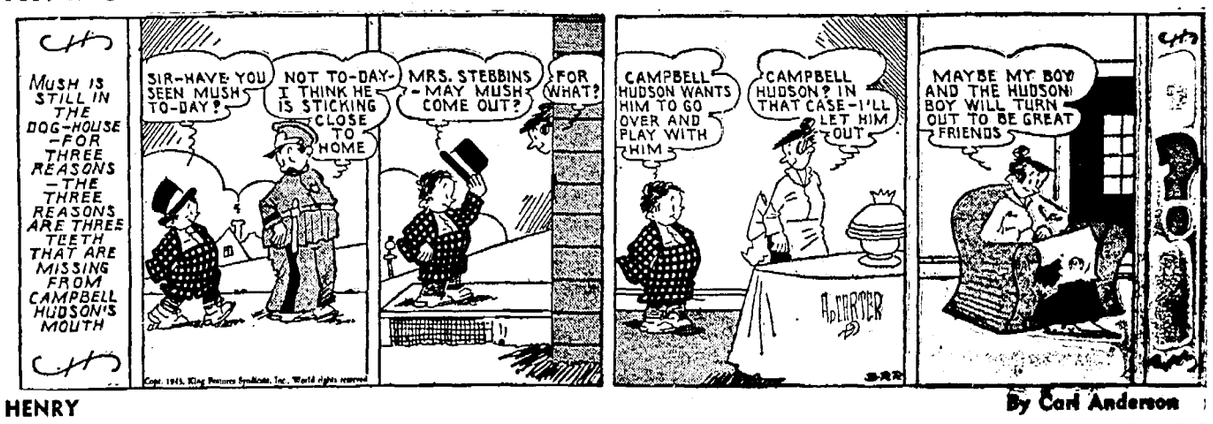
SKIPPY — By Percy Crosby



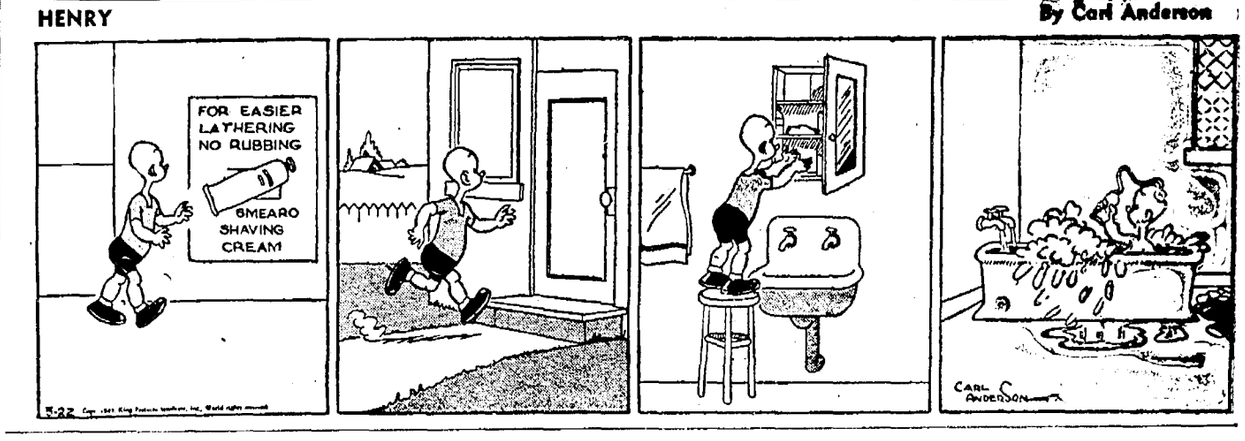
BRICK BRADFORD — By William Ritt and Clarence Gray

THE NEBBS — By Sol Hess

JUST KIDS — By Ad Carter



HENRY — By Carl Anderson



Uncle Ray's Corner

A NINE-YEAR-OLD boy asked me some questions about volcanoes, and kept on with other questions.

"Where does the hot lava come from?" he inquired. "What makes it come out of the earth? Is the earth hot inside? Did volcanoes send out lava and hot ashes ages ago?"

Lava is the outpouring of what may be called "liquid rock." A substance which scientists call "magma" is near the surface of the ground in many parts of the earth. From time to time it rises above the surface, and makes a flow of lava.

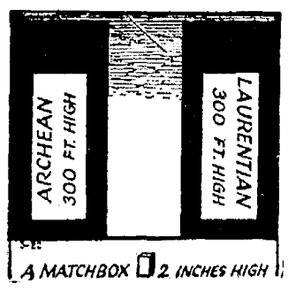
Lava may flow out of a volcano in a stream only a few yards wide. On the other hand it may come forth in a sheet more than a mile wide.

When the lava cools, it becomes hard. A fast cooling is likely to provide "obsidian," a dark glass which is usually black but which may be brown. Slow cooling of lava produces several types of rock.

Gas pressure of one kind or another is important in forcing lava to pour out of a volcano. Steam from the heating of water under the ground supplies the main gas pressure in most eruptions.

Volcanoes are known to have been active vast ages ago. Sheets of volcanic rock of huge size have been discovered in many places.

There are other kinds of rock which were formed under water. These include limestone and sandstone. Crush a piece of sandstone which has not become too hard, and you can obtain sand.



The "civilized" age of man has been compared to a matchpox two inches high standing near 300-foot buildings representing the periods of Archean and Laurentian.

Much of the sandstone existing today was laid down long ago by rivers, layer after layer with the passing of the years. After many centuries, some rivers have dried up, leaving the sand layers which were to become sandstone.

That is one example of how "sedimentary rocks" were formed. Men of science have given close study to rocks all over the earth. The layers have been given names, and estimates of their age have been made.

The oldest known rock layers are called the "Archean." It is estimated that they were laid down over a period hundreds of times as long as the period since the end of the Stone Age.

(For SCIENCE section of your scrapbook.)

Uncle Ray

Tomorrow: Early Forms of Mammals.

Ten illustrations by Frank C. Pape appear in the picture leaflet, AFRICA'S PEOPLE AND CUSTOMS. If you want a copy, send a self-addressed envelope bearing a three-cent stamp to Uncle Ray in a self-addressed envelope bearing a three-cent stamp to Uncle Ray in care of this newspaper.