Radio

FREQUENCIES

WIBA	1310	WCFL	1000	KMOX	1120
WMA	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

Drama

7 p. m. — Big Town (WBBM): "Kill That Story."

7:30 p. m. — Theater of Romance (WBBM): Mary Astor in Keith Winter's "The Shining Hour."

8 p. m. — Inner Sanctum (WBBM): "The Hand," starring Judith Evelyn...**Myster Theater** (WMAQ): "Deadline at Dawn."

8:30 p. m. — This Is By Best (WBBM): Gregory Peck in A. J. Cronin's "Jupiter Laughs."

9 p. m. — Service to the Front (WBBM): dramatizes authentic incident of medical corps in France.

9:30 p. m.—One Man's Family (WENR): Paul Barbour solves the mystery of the man with the gun, as program moves to new day, hour and station...**Crime Files of Flamond** (WGN): "The Insidious Inventor."

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Variety

6:30 p. m.—Everything for the Boys (WIBA): Dick Haymes, Helen Forrest, vocalists, with Sterling Holloway, comedian; "I Wish I Knew," "Wish You Were Waiting for Me," "Don't Fence Me In."

7:30 p. m.—Alan Young (WLS): reads a book, "How to Assert Yourself."... **Roy Rogers** (WGN): musical dramatization of "Ride Rangers Ride," "Cowboy's Prayer," "What Are You Doing the Rest of Your Life.'

8 p. m.—Gracie Fields (WENR): adds a tea room to her gift shop; music, "Rhode Island,' "The Very Thought of You," medley of Belgian and French anthems.

8:30 p. m. — Fibber and Molly (WIBA): invite a sailor to dinner; music, "Myrtle," "Stomping at the Savoy," "Only Another Boy and Girl."

9 p. m. — Bob Hope (WIBA): from Tampa, Fla.

9:30 p. m.—Hildegarde (WIBA): guests, Oscar Levant, pianist; Russell Swann, magician.

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Music

6 p. m. — Supper Club (WIBA): Jo Stafford, singer, guest.

6:30 p. m. — American Melody Hour (WBBM): "I'm Making Believe," "I Dream of You," "A Little On the Lonely Side," "Waiting."

8:30 p. m. — Symphony Hall (WGN): Mozart's "Symphony No. 38 in D Major," Debussy's "Afternoon of a Faun," Tschaikowsky's "Caprice Italienne." . . , **Spotlight Bands** (WENR): Tommy Tucker.

11:05 p. m. — Jimmy Hilliard Orchestra (WBBM): "Together," "Don't Fence Me In," "After Awhile," "Tabby the Cat."

SINATRA

EDWARDS

BENNY

LIVINGSTON

Special Broadcast

10:15 p. m. — America Salutes the President's Birthday (WIBA, WIBU, WGN, WBBM, WENR, WMAQ): "March of Dimes" windup, with Bing Crosby, Jack Benny, Mary Livingston, Rochester, Phil Harris, Larry Stevens, Don Wilson, Joan Edwards, Woody Herman orchestra, Quentin Reynolds, Basil O'Connor, Great Lakes Naval band and 1,000 voice choir, air force band directed by Eddie Dunstetter, Frank Sinatra, Judy Garland, Edgar Bergen, John Scott Trotter.

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Miscellaneous

8:55 p. m.—Storyteller (WENR): "The Intellectual Pedestrian."

9:45 p. m.—Behind the Scenes at CBS (WBBM): Mark Warnow, orchestra leader, tells what makes a song click.

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Discussion

9 p. m. — Listen, the Women (WENR): with Dorothy Thompson, m. c.; Marcia Davenport, author, guest speaker.

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Wednesdaytime

1:30 p. m. — Perry Mason (WBBM): "The Case of the Postponed Wedding."

4:45 p. m.—Gold Coast Rhythm (WBBM): "My Heart Sings," "I Dream of You," "I'll Remember Suzanne," "Don't You Know I Care."

5:15 p. m. — Lyn Murray Orchestra (WBBM): "Don't Ever Leave Me," "Non Piu Andrai" from "Marriage of Figaro," "Saturday Night Is the Loneliest Night," "Someday When Shadows Fall;" Earl Wrightson, baritone, guest.

WIBA TONIGHT

5:55 News Report
6:00 NBC Supper Club
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 Truax Field Calling
8:30 NBC Fibber and Molly
9:00 NBC Bob Hope Show
9:30 NBC Hildegarde
10:00 Night News Edition
10:15 NBC The President's Birthday
11:15 NBC Roy Shield Company
11:55 NBC News Reports

OTHER STATIONS TONIGHT

6:00 Fulton Lewis, Jr.—WIBU
6:00 Supper Club—WTMJ
6:00 Dr. Preston Bradley—WGN
6:00 Jim Blade Music—WMAQ
6:05 Dinning Sisters—WBBM
6:15 Raymond Gram Swing—WCFL
6:15 John W. Vandercook—WMAQ
6:15 Music That Satisfies—WBBM
6:15 Lum and Abner—WIBU
6:30 Man Called X—WLS
6:30 Supper Interlude—WMAQ
6:30 Those Who Serve—WTMJ
6:30 American Melody Hour—WBBM
6:45 Bing Sings—WIBU
6:45 H. V. Kaltenborn—WMAQ
7:00 Johnny Presents—WMAQ
7:00 Ted Malone—WLS
7:00 Big Town—WBBM WCCO
7:15 Songs to Remember—WIBU
7:15 Lum and Abner—WLS
7:30 Date With Judy—WMAQ
7:30 Roy Rogers—WGN
7:30 Alan Young Show—WLS
7:30 Theater of Romance—WBBM
7:30 Victory Jamboree—WIBU
8:00 Mystery Theater—WMAQ
8:00 Inner Sanctum—WCCO WBBM
8:00 Gracie Fields Show—WENR
8:00 Gabriel Heatter—WGN WIBU
8:15 Real Life Stories—WGN
8:15 Book of Melody—WIBU
8:30 Fibber and Molly—WMAQ
8:30 Symphony Hall—WGN
8:30 This is My Best—WBBM
8:30 Electric Co-Op Convention-WIBU
8:30 Spotlight Bands—WENR
8:55 Storyteller—WENR
9:00 Bob Hope—WMAQ
9:00 Listen, the Women—WENR
9:00 Service to the Front—WBBM
9:30 Hildegarde—WMAQ
9:30 Crime Files of Flamond—WGN
9:30 Congress Speaks—WBBM
9:30 One Man's Family—WENR
9:45 Behind CBS Scenes—WBBM
10:00 Songs You Remember—WGN
10:00 Supper Club—WMAQ
10:00 Jack Kirkwood Show—WBBM
10:15 President's Birthday — WBBM WIBU WGN WMAQ WENR
11:15 Jimmy Hilliard Orch.—WBBM
11:15 Lawrence Welk—WGN
11:20 Gay Claridge Orch.—WENR
11:30 Henry King Orch.—WGN
11:30 Les Brown Orch.—WENR
11:30 Cab Calloway Orch.—WBBM
11:30 Roy Shield Orch.—WMAQ
11:45 Frankie Masters Orch.—WBBM
12:00 Musical Nightcap—WMAQ
12:00 Nite Watch (to 5:30)—WIND
12:05 Mel Cooper Orch.—WBBM
12:05 Buddy Franklin Orch.—WGN
12:15 That's for Me—WENR
12:30 George Hamilton Orch.—WGN
12:30 Goldsworthy Orch.—WBEM
1:00 News and Music—WBBM

WIBA WEDNESDAY

MORNING

6:00 Morning Parade
6:30 News Report
6:35 Morning Variety
7:00 NBC World News Roundup
7:15 Musical Clock
7:30 State Journal News Edition
7:50 Musical Clock
8:30 News
8:35 Interlude
8:45 Shopping Guide
9:00 The Trading Post
9:15 NBC Reveille Roundup
9:30 NBC Finders Keepers
10:00 NBC Road of Life
10:15 Home Front Quartermaster
10:30 News
10:40 Interlude
10:45 NBC David Harum
11:00 Linda's First Love
11:15 Mary Foster
11:30 The Farm Roundup

AFTERNOON

12:00 News Report
12:05 The 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 Women in White
1:45 Matinee
2:00 NBC Woman of America
2:15 NBC Ma Perkins
2:30 News Reports
2:35 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 Committee Against Conscription
4:15 Music for School and Home
4:30 The Campus Jamboree
4:45 Time for Teck's
5:00 The Balladeers
5:30 News Edition
5:45 The Sports Parade
5:55 News Reports

EVENING

6:00 NBC Supper Club
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 Carton of Cheer
8:00 NBC Eddie Cantor Show
8:30 NBC Mr. District Attorney
9:00 NBC Kay Kyser College
10:00 Night News Edition
10:15 Sgt. Olson Ceremonies
11:00 NBC News Report
11:05 NBC Danny Ryan Serenade
11:30 NBC Design for Listening
11:55 NBC News Reports

OTHER STATIONS WEDNESDAY

—MORNING—

6:00 Farm Service—WLS
6:00 Top o' The Morning—WTMJ
6:15 Everett Mitchell—WMAQ
6:30 Back to the Bible—WIND
7:00 Morning Devotions—WLS
7:00 Pats Gallicchio—WMAQ
7:15 Farm Service—WIBU
7:30 Farm Frolic—WIBU
8:00 Musical Clock—WIBU
8:00 Your Neighbor—WMAQ
8:30 Breakfast Club—WLS
9:00 Wisconsin Weather—WIBU
9:00 My True Story—WLS
9:00 Haven of Rest—WJJD
9:00 Lora Lawton—WMAQ
9:00 Valiant Lady—WBBM WCCO
9:05 Hebrew Christian Hour—WIBU
9:15 Light of the World—WBBM
9:15 Robt. St. John—WMAQ
9:30 Finders Keepers—WMAQ
9:30 Evelyn Winters—WCCO WBBM
9:35 Shady Valley Folk—WIBU
9:45 Listening Post—WLS
9:45 Bachelor's Children—WBBM
10:00 Amanda—WBBM WCCO
10:00 Road of Life—WMAQ
10:00 Tom Breneman's Breakfast—WLS
10:15 Second Husband—WBBM WCCO
10:15 WMC Program—WIBU
10:15 Rosemary—WMAQ WTMJ
10:30 Take It Easy Time—WGN
10:30 Star Playhouse—WMAQ
10:30 Bright Horizon—WBBM WCCO
10:45 What's Your Idea? —WIBU WGN
10:45 David Harum—WMAQ
10:45 Aunt Jenny's Stories—WBBM
10:55 Lanny and Ginger—WIBU
11:00 The Editor's Daughter—WMAQ
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 Big Sister—WBBM WCCO KMOX
11:15 Rhymaster Time—WGN
11:15 Today's Children—WTMJ
11:20 Farm and Home Hour—WIBU
11:30 Women in White—WTMJ
11:30 Helen Trent—WBBM WCCO
11:45 Reveille Roundup—WMAQ
11:45 Our Gal Sunday—WBBM WCCO
11:45 Farm Front—WIBU

—AFTERNOON—

12:00 Elizabeth Hart Presents—WMAQ
12:00 Life Can Me Beautiful—WBBM
12:00 Dinnerbell Time—WLS
12:00 The Grenadiers—WTMJ
12:00 Farm Hour—WIBU
12:15 Luncheon With Lopez—WGN
12:15 Ma Perkins—WCCO WBBM
12:30 Luncheon with Lopez—WGN
12:30 Bernardine Flynn—WBBM
12:30 Loop Noonday Service—WJJD
12:45 American Women's Jury—WGN
12:45 The Goldbergs—WBBM WCCO
1:00 Joyce Jordan—WCCO WBBM
1:00 Farm Service—WIBU
1:00 Life Can Be Beautiful—WTMJ
1:00 Guiding Light—WMAQ
1:15 School Time—WLS
1:15 Two on a Clue—WBBM.
1:15 Si Hays—WIBU
1:15 Jane Cowl—WGN
1:15 Today's Children—WMAQ
1:15 The Goldbergs—WTMJ
1:30 Perry Mason—WCCO WBBM
1:30 Glamor Manor—WLS
1:30 Woman in White—WMAQ
1:30 Aunt Jenny—WTMJ
1:45 Wisconsin Varieties—WIBU
1:45 Hymns of All Churches—WMAQ
1:45 Tena and Tim—WBBM WCCO
2:00 Jimmy Carroll—WLS
2:00 Words and Music—WIBU
2:00 Mary Marlin—WBBM WCCO
2:00 Woman of America—WMAQ
2:15 Your Home and Mine—WLS
2:15 Palmer House Ensemble—WIBU
2:15 Ma Perkins—WMAQ
2:15 Appointment with Life—WCFL
2:30 School of the Air—WBBM
2:30 Rev. E. O. Coontz—WIBU
2:30 Ida Bailey Allen—WGN
2:30 Pepper Young—WMAQ WTMJ
2:45 Right to Happiness—WMAQ
3:00 House Party—WBBM WCCO
3:00 Backstage Wife—WMAQ
3:15 Songs of Praise—WGN
3:15 Stella Dallas—WMAQ
3:15 Yours Alone—WENR
3:15 Treasury Salute—WIBU
3:30 Lorenzo Jones—WMAQ
3:30 Beulah Karney—WENR
3:30 The Hayloft—WIBU
3:30 Judy and Jane—WGN
3:45 Young Widder Brown—WMAQ
3:45 Ethel and Albert—WENR
4:00 University Special—WIBU
4:00 The Mountaineers—WENR
4:00 When A Girl Marries—WMAQ
4:15 Portia Faces Life—WMAQ
4:30 Just Plain Bill—WMAQ
4:30 Malcolm Claire—WENR
4:45 Gold Coast Rhythm—WBBM
4:45 Parade of Bands—WIBU
4:45 Hop Harrigan—WENR
4:45 Front Page Farrell—WMAQ
5:00 Terry and the Pirates—WENR
5:15 Superman—WGN WIBU
5:15 Dick Tracy—WENR
5:15 Lyn Murray Orch.—WBBM
5:30 Jimmie Allen—WGN
5:30 Fiesta—WIBU
5:30 Jack Armstrong—WENR
5:45 Tom Mix—WIBU WGN
5:45 Capt. Midnight—WENR
6:00 Jack Kirkwood Show—WCCO
6:00 Dr. Preston Bradley—WGN
6:00 Supper Club—WTMJ
6:00 Fulton Lewis, Jr.—WIBU
6:00 Jim Blade Music—WMAQ
6:05 Dinning Sisters—WBBM
6:15 Raymond Gram Swing—WCFL
6:15 The Farm's the Thing—WLS
6:15 John W. Vandercook—WMAQ
6:15 Organology—WIBU
6:15 Music That Satisfies—WBBM
6:30 Ellery Queen—KMOX WBBM
6:30 Supper Interlude—WMAQ
6:30 Lone Ranger—WLS
6:45 Bing Sings—WIBU
6:45 H. V. Kaltenborn—WMAQ
7:00 Jack Carson—WBBM WCCO
7:00 Mr. and Mrs. North—WMAQ
7:00 Ted Malone—WLS
7:00 Old Timer's Jamboree—WIBU
7:15 Lum and Abner—WLS
7:30 Victory Jamboree—WIBU
7:30 Dr. Christian—WBBM WCCO
7:30 Counterspy—WLS
7:30 Human Adventure—WGN
7:30 Carton of Cheer—WMAQ
8:00 Eddie Cantor—WMAQ
8:00 Keep Up With the World—WENR
8:00 Gabriel Heatter—WGN WIBU
8:00 Frank Sinatra—WBBM WCCO
8:15 Real Life Stories—WGN
8:15 Book of Melody—WIBU
8:25 Marine Story of the Week—WIBU
8:30 Spotlight Bands—WENR
8:30 Mr. District Attorney—WMAQ
8:30 Cisco Kid—WGN WIBU
8:30 Which Is Which—WBBM
8:55 Storyteller—WENR
9:00 Niles and Prindle—WENR
9:00 Sumner Welles—WIBU WGN
9:00 Great Moments in Music—WBBM
9:00 Kay Kyser—WMAQ
9:30 Let Yourself Go—WCCO WBBM
9:30 Northerners—WGN
9:30 On Stage, Everybody—WENR
10:00 Jack Kirkwood Show—WBBM
10:00 Answer Man—WGN
10:00 Supper Club—WMAQ
10:15 So the Story Goes—WBBM
10:30 Just for Fun—WMAQ
10:45 Serenade—WBBM

WHA WEDNESDAY

7:30 Band Wagon
7:45 Morning News
7:58 WHA Program Review
8:00 Music You Want: James Melton
8:30 Morning Melodies
9:15 News and Views
9:30 Young Experimenters: "Diesel and His Engine"
9:50 Interlude
9:57 Weather Report
10:00 Homemakers' Program: Home Nursing in Vocational Guidance, Ruth Coe; News of Wisconsin Homemakers, Josephine Pollock.
10:30 Letters from Fighting Badgers
10:45 Musical Moments
11:00 Social History of U. S.—Prof Merle Curti
11:50 Noon Musicale
12:20 Noon News
12:30 Farm Program: More Good Vegetable Varieties, O. B. Combs; Feeding Ewes Will Save Lambs, Burl Winchester
1:00 Chapter a Day: "Pastoral," Nevil Shute
1:15 Wisconsin Legislative Forum
1:30 Journeys in Music Land
2:00 Our Children
2:30 Music of the Masters
3:30 Truax Field Calling
4:00 Excursions in Science
4:15 Treasury Salute
4:30 Adventure Stories: "Kidnapped"
4:45 Afternoon News
5:00 Masterworks of Music

NEWS BROADCASTS

TONIGHT

5:00 WBBM WIBU
5:00 WMAQ WGN
5:05 WMAQ
5:15 WBBM WCCO
5:30 WIBA WBBM
5:30 WTMJ WCCO
5:45 WBBM WMAQ
5:55 WIBA WBBM
6:00 WLS WIND
6:00 WBBM WIBU
6:15 WCFL
6:15 WTMJ WMAQ
6:30 WIBU WGN
6:45 WMAQ
7:00 WGN WCFL
7:00 WIND WLS
7:20 WIBU
7:55 KMOX WBBM
8:00 WGN WIND
8:30 WCFL WIND
10:00 WENR WIBU
10:00 WIBA WTMJ
11:55 WIBA WTMJ
12:00 WENR WMAQ
12:55 WENR WMAQ
1:00 WGN WBEM

WEDNESDAY

A. M.

5:30 WMAQ WIND
6:00 WIND WMAQ
6:05 WTMJ
6:30 WIBA WTMJ
6:45 WGN WLS
6:45 WMAQ
6:55 WBBM
7:00 WIBA WIND
7:00 WBBM WTMJ
7:05 WIBU
7:15 WGN WBBM
7:30 WIBA WTMJ
7:45 WCFL WBA
7:55 WMAQ WTMJ
8:00 WBBM WGN
8:15 WLS
8:25 WTMJ
8:30 WIBA
8:30 WMAQ WIBU
8:35 WMAQ
8:45 WIND WBBM
9:00 WGN WIND
9:15 WHA WCFL
9:15 WTMJ WMAQ
9:30 WLS WIND
9:40 WGN
10:00 WIBU WCFL
10:30 WIBA
10:30 WLS WIBU
10:45 WLS
11:00 WGN WIBU
11:15 WIBU
11:30 WMAQ WGN
11:45 WTMJ

P. M.

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

SPORTS REVIEWS

TONIGHT

5:45 WIBA WTMJ 6:00 KMOX

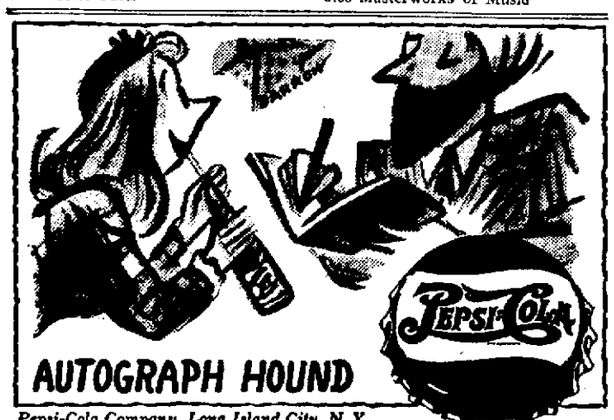
WEDNESDAY

P. M. 6:00 KMOX
5:45 WTMJ WIBA 11:15 WMAQ

MARKETS

WEDNESDAY

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



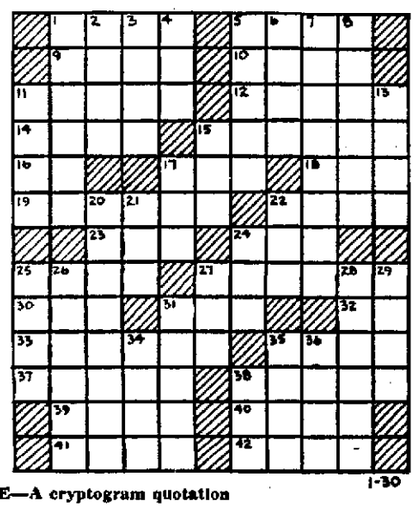
Pepsi-Cola Company, Long Island City, N.Y.
Franchised Bottler: Pepsi-Cola Bottling Co. of Madison—Badger 17

DAILY CROSSWORD

ACROSS
1. Head cook
5. Spoiled child
9. Angle of fault vein
10. Coin (It.)
11. Excellent (slang)
12. Happen
14. Carousal
15. Desert (Afr.)
16. King of Bashan
17. Project
18. Demand, as payment
19. Stay
22. Fog
23. Linen vestment (Eccl.)
24. Snake
25. Skin
27. Sloped
30. Fortify
31. Rodent
32. Greek letter
33. ——— of cancer
35. Projection of land
37. Book of Old Testament
38. Covered, as with wax
39. Compass point
40. Chieftain (Arab.)
41. Portico
42. Finest

DOWN
1. Burden
2. Suspend
3. Whirlpool
4. Death (Scot.)
5. Swell up
6. Wealthy
7. Per. to Arcadia
8. Second sign of Zodiac
11. Movable barrier
13. Rave
15. Source of light
17. Arm of crane
20. Monkey (So. Am.)
21. Malt beverage
22. Extinct bird
24. Wager
25. Narrow footway
26. Missile weapons
27. 100,000 rupees
28. Specialist
29. Perished
31. Lariat
34. Dollar (Mex.)
35. Approached
36. Imaginary line through center
38. Network

1-30
Yesterday's Answer


1-30

CRYPTOQUOTE—A cryptogram quotation

KOB EUUDL BIU UIA SI CSUK WNEUL NPP QOSITL LUJCU—GJBKISIT.

Yesterday's Cryptoquote: HE LIVES MOST WHO THINKS MOST, FEELS THE NOBLEST, ACTS THE BEST—BAILEY.

Uncle Ray's Corner

EARLY TRAINS WITH TALL SMOKESTACKS SPREAD SPARKS AROUND

A steam locomotive must have heat to make water turn into steam. The pressure from the steam makes the wheels go around.

In early days of the railway, wood was used to supply the heat. Usually there was a little car filled with wood behind the locomotive. This was like the modern tender which holds coal.

The fireman fed wood to the fire to keep up the steam supply. This kept him very busy at times. Wood burns rather fast, and often the supply ran out between two stations.

When the train came to a stop, because of lack of fuel, the engineer and fireman would step off and look for wood. With the axes and saws which they carried, they would cut down nearby trees and turn them into logs, so the tender could be loaded again. Dead trees were used whenever possible, because they were easy to cut up and made better firewood.

Other men working on the train were likely to join the engineer and fireman in gathering firewood. Sometimes passengers would get off, especially when the trees were some distance from the tracks, and would carry loads of wood back to the train. Fence posts were used for firewood, now and then, but this was not a good thing to do, since it meant destroying a fence.

Early locomotives were fitted with tall smokestacks. These were, in general, very tall. Commonly they were from six to nine feet in height.

In the middle of the past century, many of the smokestacks were wide, as well as tall. The width, in some cases, was several feet.

A picture of a locomotive of the Erie railroad shows a smokestack of gigantic size. The picture was made during, about, the year 1850, and it makes the smokestack look at least as wide as the tracks the train is running on.

Sparks from wood-burning locomotives set fire to forests from time to time. They also were a danger to wooden bridges.

To stop sparks from rising, metal screens were placed over the smokestacks. This helped a great deal, but the danger was not brought to an end until after coal took the place of wood as fuel for the boiler fires.

Locomotive of type used in 1850.

(For HISTORY section of your scrapbook.)

SIGHTS IN STRANGE INDIA is the title of a picture leaflet. It contains ten pictures by Frank C. Pape and several hundred words of text by Uncle Ray. To obtain a copy send a self-addressed stamped envelope to Uncle Ray in care of this newspaper.

Uncle Ray

SCOTT'S SCRAP BOOK

By R. J. Scott