(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

Tonight's Aces

Special Broadcast

9 p. m. — All-Star Radio Show (WBBM): full hour program with Secretary of Agriculture Claude R. Wickard, Dr. Robert R. Wiliams, synthesizer of Vitamin B1, in brief talks; Edgar Bergen and Charlie McCarthy, Fred Allen, Bob Burns, Dorothy Lamour, Don Ameche, Jose Iturbi, Ray Noble's orchestra, and Spike Jones' City Slickers.

New Program

6:30 p. m. — Variety Hall (WENR): orchestra, with Dolly Good, contralto; Norman Ruvell, romantic baritone; Doris Day, popular song stylist; and Mary, Jeanne and Betty, song team; Ray Shannon, comedian; Nenette Vallon in characterizations.

Discussion

8:30 p. m. — American Forum of the Air (WIBU): "How will the Armed Services Vote?" Sen Harley M. Kilgore (W. Va.), Sen E. A. Moore (Okla.), Rept. E. C. Gathings (Ark), Rep. George H. Bender (Ohio).

Miscellaneous

7 p. m. — Confidentially Yours (WGN): how radar will aid in protecting invasion.

8:30 p. m. — Report to the Nation (WBBM): Lansing Hatfield, Metropolitan baritone, recently returned from South Pacific; Sid Silvers telling incident of his years in service: Capt. Richard Bond, air hero; and Great Lakes Naval Training Station choir.

Variety

6:30 p. m. — Salute to Youth (WIBA): Quentin Reynolds tells story of soldier's Christmas in England; music, "Jingle Bells," "Silent Night," "White Christmas," "My Hearts Tells Me," and Christmas medley.

7 p. m. — Ginny Simms (WIBA): men of South Pacific will talk to home folks.

7:30 p. m. — Duffy's (WLS): Herbert Marshall, guest.

8 p. m. — George Burns and Gracie Allen (WBBM): with Charles Laughton and Elsa Lanchester.

9 p. m. — Bob Hope (WIBA): and Janet Blair.

9:30 p. m. — Red Skelton (WIBA): and his characters take up the subject of Christmas savings accounts.

Music

6:30 p. m. — American Melody Hour (WBBM): "Adeste Fideles," "Toyland," Gounod's "Ave Maria," "Silent Night," "Away in a Manger."

7:15 p. m. — Gracie Fields (WGN): "Cowboy Ridin' Through the Sky," "Here Comes the Navy."

8:30 p. m. — Spotlight Bands (WENR): Louis Prima.

10:30 p. m. — Sinfonietta (WIBU): All-French concert.

11:15 p. m. — Roy Shield and Co. (WMAQ): "Jingle Bells," "If I Could Be Wtih You One Hour Tonight," "White Christmas," "Christmas in the Deep South."

BERGEN McCARTHY

ITURBI LAMOUR

AMECHE ALLEN

* * * *

Drama

7 p. m. — Big Town (WBBM): "Journey to Life," a Christmas story.

8 p. m. — Mystery Theater (WMAQ): spy story, "Stalk the Hunter." . . . **Famous Jury Trials** (WIBA): truckdriver is charged with murdering his boss.

10:30 p. m. — Words at War (WIBA): salute to merchant marine in dramatization of Frank Laskier's "Log Book."

Wednesdaytime

8:30 a. m. — University Forum (WHA): rebroadcast, "Should Madison Purchase Its Gas and Electric Utility?"

2:30 p. m. — New Horizons (WBBM): "California's Valley of Gold."

3 p. m. — Broadway Matinee (WBBM): guest, Georgia Gibbs, singer.

5:15 p. m. — To Your Good Health (WBBM): Lyn Murray chorus and orchestra, with Donald Dame, tenor: "My Romance," "Speak Low," "Waters Rippe and Flow."

WIBA TONIGHT

5:15 Santa Claus
5:30 News Edition
5:45 Sports Parade
5:55 News Report
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 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 NBC Words at War
11:00 NBC News Report
11:05 Masterworks
11:30 **NBC Roy Shield's Orch.**
11:55 NBC News Report

OTHER STATIONS TONIGHT

5:00 Prayer Quizmaster—WIBU
5:00 Billie the Brownie—WTMJ
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 Supper Concert—WMAQ
6:30 Those Who Serve—WTMJ
6:30 American Melody Hour—WBBM
6:45 Guest Star Theater—WGN
6:45 Confidentially Yours—WIBU
6:45 Robert St. John—WMAQ
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 Gracie Fields—WGN
7:15 Lum and Abner—WLS
7:30 Johnny Morgan—WCFL
7:30 Nightcap Yarns—WGN
7:30 Horace Heidt—WMAQ WTMJ
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 Gracie Fields—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 All-Star Radio Show—WBBM
9:00 **Bob Hope—WMAQ WTMJ**
9:15 Sanders and Boland—WGN
9:30 Red Skelton—WTMJ WMAQ
9:30 Congress Speaks—WBBM
9:45 General's Review—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 Toast to Allies—WENR
10:30 Salute to Youth—WMAQ
10:30 Sinfonietta—WIBU
10:40 Pop Concert—WENR
10:45 Rumpus Room—WTMJ
10:45 Salute to Victory—WBBM
11:05 Sonny Dunham Orch.—WBBM
11:10 George Olsen Orch.—WGN
11:15 Roy Shield and Co.—WMAQ
11:20 Lou Breese Orch.—WENR
11:30 Don Reid Orch.—WGN
11:30 Jimmy Hilliard Orch.—WBBM
11:30 Gay Claridge Orch.—WENR
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 Johnny Long Orch.—WENR
12:30 Eddie Fens Orch.—WBBM
12:30 Pot Luck—WMAQ
12:30 Dance Orchestra—WGN

WIBA WEDNESDAY

MORNING

6:00 Morning Parade.
6:25 News Report.
6:30 Morning Melody.
7:00 NBC World News.
7:15 Trading Post.
7:30 State Journal News Edition.
7:50 Musical Clock.
8:50 Inquiring Mike.
8:45 Shopping Guide.
9:00 Treasury Parade.
9:15 NBC The Open Door.
9:30 Betty Cass.
9:45 NBC Music Room.
10:00 NBC Road of Life.
10:15 Ration Reporter.
10:30 News.
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 Music of the Day
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 Civilian Defense
4:15 **School and Home**
4:30 Happy the Humbug
4:45 Rhythm Rangers
5:15 Santa Claus
5:30 News Edition
5:45 Sports Parade
6:55 News Report

EVENING

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. & 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 South American Magic
10:45 **Let's Learn Spanish**
11:00 NBC News Report.
11:05 Masterworks
1:30 **NBC Design for Dancing**
11:55 NBC News Report

WHA WEDNESDAY

MORNING

7:30 Band Wagon
7:45 Morning News
7:58 WHA Program Review
8:00 **Music You Want: A Stephen Foster Program**
8:30 **University Forum Rebroadcast: "Should Madison Purchase Its Gas and Electric Utility?", Aldermen Stuart H. Becker and W. A. Hastings, Floyd E. Wheeler, Madison attorney, and Prof. A. C. Garnett, moderator**
9:00 Morning Melodies
9:15 News and Views
9:30 **Fun Time**
9:50 News of Wisconsin
9:57 Weather Report: Eric Miller, meteorologist
10:00 Homemakers' Program: Look Your Best for the Family's Sake, Gladys Meloche; The Home Maker's Magazine Rack: "Family Living in Other Lands", Mrs. M. W. Smith
10:30 Musical Moments
10:45 Treasury Star Parade
11:00 **Russia Today: Sir Bernard Pares**
11:30 Noon Musicale

AFTERNOON

12:30 Noon News
12:30 Farm Program: What Is a Neighborhood Leader?, A. F. Wileden; What's New in Farm Science, Niemen Hoveland
1:00 Chapter a Day: "The Running Tide"—Aleksandra
1:30 Organ Melodies
2:00 Short Story Time
2:30 Music of the Masters
3:30 Reading for Wartime
3:45 **Excursions in Science**
4:00 Melodies for Two
4:15 **Christmas in Norway**
4:30 Lest We Forget
4:45 Adventure Stories: "Mowgli Stories"—Kipling
4:55 Afternoon News
5:00 **Masterworks of Music: Handel—"Messiah"**

OTHER STATIONS WEDNESDAY

— MORNING —

6:00 Farm Service—WLS
6:00 Top o' The Morning—WTMJ
6:15 Everett Mitchell—WMAQ
6:15 Morning Devotions—WLS
6:30 Back to the Bible—WIND
2:00 East Side Serenade—WIBU
2:00 Mary Marlin—WBBM KMOX
2:00 **Morton Downey—WLS**
2:00 Woman of America—WMAQ
2:15 Ma Perkins—WMAQ WTMJ
2:30 Yankee House Party—WIBU
2:30 Devotionals—WIBU
2:30 New Horizons—WBBM
2:30 Pepper Young—WMAQ WTMJ
2:45 Right to Happiness—WMAQ
3:00 Devotionals—WIBU
3:00 Blue Frolics—WENR
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 Lorenzo Jones—WMAQ WTMJ
3:30 Full Speed Ahead—WGN WIBU
3:45 Widder Brown—WTMJ WMAQ
4:00 When A Girl Marries—WMAQ
4:00 The Mystery Chef—WENR
4:15 Portia Faces Life—WMAQ
4:15 **We, Too, Serve—WIBU**
4:30 Chick Carter—WIBU
4:30 Malcolm Claire—WENR
4:30 Just Plain Bill—WMAQ WTMJ
4:45 Front Page Farrell—WMAQ
4:45 American Women—WBBM
4:45 Dick Tracy—WENR
4:45 Parade of Bands—WIBU

—EVENING—

5:00 Terry and the Pirates—WENR
5:00 Billie the Brownie—WTMJ
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 Christmas Carols—WGN
5:45 Capt. Midnight—WENR
5:45 Superman—WGN
6:00 I Love a Mystery—WCCO
6:00 Dr. Preston Bradley—WGN
6:00 Fred Waring—WTMJ
6:00 Fulton Lewis, Jr.—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
0:45 H. V. Kaltenborn—WMAQ
7:00 Victory Jamboree—WIBU
7:00 Sammy Kaye—WBBM WCCO
7:00 Mr. & Mrs. North—WMAQ WTMJ
7:15 Your Reporter—WIBU
7:15 Gracie Fields—WGN
7:15 Lum and Abner—WLS
7:30 Xavier Cugat—WGN
7:30 Beat the Band—WMAQ WTMJ
7:30 The Falcon—WCFL
7:30 Dr. Christian—WBBM WCCO
7:30 Battle of the Sexes—WLS
8:00 Lionel Barrymore—WBBM WCCO
8:00 Gabriel Heatter—WGN WIBU
8:00 Dunninger—WENR
8:00 Eddie Cantor—WMAQ WTMJ
8:15 Gracie Fields—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 Smoke Rings—WENR
9:00 Treasury Star Parade—WIBU
9:00 Raymond Gram Swing—WENR
9:00 Royal Orch. Gunnison—WGN
9:00 Kay Kyser—WMAQ WTMJ
9:00 **Great Moments in Music—WBBM**
9:15 Sanders and Boland—WGN
9:15 Victory is Our Business—WCFL
9:30 **Carnival—WBBM WCCO KMOX**
9:30 Lone Ranger—WCFL
9:30 The Northerners—WGN
10:00 Answer Man—WGN
10:00 I Love a Mystery—WBBM
10:00 Fred Waring—WMAQ
10:00 Hockey—WIND
10:00 Symphonette—WENR
10:15 So the Story Goes—WBBM
10:30 Playtime—WMAQ
10:30 Toast to Allies—WENR
10:40 Pop Concerts—WENR
10:45 Rumpus Room—WTMJ
10:45 Serenade in Swing—WBBM
10:45 Guest Star Theater—WMAQ
11:05 Gibson, O'Neil and Petrillo—WBBM
11:10 Jimmy Joy Orch.—WGN
11:15 Lou Breese Orch.—WENR
11:15 Author's Playhouse—WMAQ
11:30 Eddie Oliver Orch.—WENR
11:30 Griff Williams Orch.—WGN
11:30 Boyd Raeburn Orch.—WBBM
11:45 George Olsen Orch.—WGN
11:45 Little Night Music—WMAQ
12:00 Emile Petti Orch.—WMAQ
12:00 Nite Watch (to 6)—WIND
12:00 **Music You Want—WENR**
12:05 Jimmy Blade Orch.—WBBM
12:05 Del Courtney Orch.—WGN
12:30 Johnny Long Orch.—WENR
12:30 Nick Brodeur—WBBM
12:30 Pot Luck—WMAQ
12:30 Jimmy Joy Orch.—WGN

NEWS BROADCASTS

TONIGHT

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

WEDNESDAY

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

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

—AFTERNOON—

12:00 Elizabeth Hart Presents—WMAQ
12:00 Dinnerbell Program—WLS
12:00 Life Can Be Beautiful—WBBM
12:00 Heinie—WTMJ
12:15 Ma Perkins—WBBM WCCO
12:30 Bernadine Flynn—WBBM
12:30 Loop Noonday Service—WJJD
12:45 Ranch House Jim—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 Joyce Jordan—WBBM WCCO
1:15 Today's Children—WMAQ
1:15 Bond Wagon—WGN
1:15 Christmas Feature—WLS
1:30 Light of the World—WMAQ
1:30 Aunt Jenny—WTMJ
1:30 We Love and Learn—WBBM
1:45 Hymns of All Churches—WMAQ
1:45 Eddie and Fannie—WLS
1:45 Perry Mason—WBBM KMOX
7:00 Pats Gallicchio—WMAQ
7:01 Farm Service—WIBU
7:45 Mountain Theater—WLS
8:00 Your Neighbor—WMAQ
8:00 Musical Clock—WIBU
8:15 Know the Answer?—WBBM
8:30 Breakfast Club—WLS
9:00 Lora Lawton—WMAQ WTMJ
9:00 Songs of a Dreamer—WLS
9:00 Valiant Lady—WBBM WCCO
9:15 Kitty Foyle—WBBM WCCO
9:15 The Open Door—WTMJ WMAQ
9:30 Helpmate—WMAQ WTMJ
9:30 Hebrew-Christian Hr.—WIBU
9:45 Star Playhouse—WMAQ
9:45 Bachelor's Children—WBBM
10:00 Honeymoon Hill—WBBM
10:00 Road of Life—WMAQ WTMJ
10:00 Breakfast at Sardi's—WLS
10:15 Vic and Sade—WMAQ WTMJ
10:15 Second Husband—WBBM WCCO
10:30 Brave Tomorrow—WMAQ
10:30 Bright Horizon—WBBM WCCO
10:45 David Harum—WMAQ WTMJ
10:45 Aunt Jenny's Stories—WBBM
11:00 Kate Smith Speaks—WBBM
11:00 Guiding Light—WTMJ
11:00 The Editor's Daughter—WMAQ
11:00 Boake Carter—WGN
11:00 Martha and Helen—WLS
11:15 Big Sister—WBBM WCCO KMOX
11:15 Linda's First Love—WMAQ
11:15 Today's Children—WTMJ
11:30 Helen Trent—WBBM WCCO
11:30 Light of the World—WTMJ
11:45 Reveille Rourdup—WMAQ
11:45 Big Sister—WTMJ
11:45 Our Gal Sunday—WBBM WCCO

SPORTS REVIEWS

TONIGHT

5:15 WIND
5:45 WIBA WTMJ
6:00 KMOX
9:00 WIND
11:15 WENR

WEDNESDAY

P. M.
2:15 WIND
3:15 WIND
4:15 WIND
5:15 WIND
5:45 WTMJ WIBA
6:00 KMOX
9:00 WIND

MARKETS

WEDNESDAY

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

P. M.
12:00 WIBU
12:10 WIBU
12:15 WIBA
12:40 WIBU
12:45 WGN
12:50 WLS
1:10 WLS

2,490 BOW Employes Have Entered Service

BARABOO — Approximately 2,490 men have left their work at the Badger Ordnance Works to step into Uncle Sam's uniforms. The majority of the jobs have been filled by women and older men.

Buy U. S. War Bonds and Stamps

SCOTT'S SCRAP BOOK By R. J. Scott

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Uncle Ray's Corner

READED DESCRIBES GREAT COMET OF 1882

HERE is another letter from a reader who remembers the Great Comet of 1882:

"Dear Uncle Ray:

"Your stories about comets made me think of a comet I saw in September, 1882. There was sickness in my home, and I had to nurse the sick from midnight until breakfast.

"One night, while I was out in the front yard, I saw the most beautiful comet. It seemed to stretch clear across the eastern sky, and was in the shape of a fan. This heavenly vision remained in sight until sunrise, when I watched it fade out. I saw it again and again on later nights.

"While I was in Dansville, Va., in 1910, I saw Halley's comet, but it could not compare with the comet I saw in 1882. I am old now, but I have not forgotten that wonderfully beautiful sight.

"A reader,
"Mrs. V. H. C. Goodwin"

This sketch of the Great Comet of 1882 was made in November of that year, and gives only a faint idea of the glorious sight seen by the public in September.

Thank you, Mrs. Goodwin, for telling us about that comet. Most person who read this column were not alive back in 1882, and I. myself, did not reach the earth in time to see the fine sight of which you speak. Yet I have found good records of it, and I know that astronomers and people in general were excited when they saw it in the sky.

The Great Comet of 1882 was a bright sight in the sky during a part of the month of September. For more than two weeks it was plain to the view of people who watched at the right time, even though they had no telescope. It was seen by astronomers through telescopes over a period of nine months.

The tail of this comet spread out so that it was far wider in the rear than in the middle.

In October, 1882, a small part of the comet seems to have been thrown off, making a second comet. At least a glowing cloud of material like that in the comet was seen apart from it on October 9 and later nights, by astronomers. There was not, however, so much of a split as in the case of Biela's comet.

(For SCIENCE section of your scrapbook.)

Uncle Ray

Tomorrow: Shortest Days of the Year.

(Advertisement)

MAN OVERBOARD—FOR MARILYN

BY BUD HILL

*Two Vitamin Cocktails contain following proportions of minimum daily requirements: from yeast 100% of Vitamins A, B_1, and D; 14%-20% of B_2; (also 2-3 mgs. of niacin); with tomato juice (8 oz.), 100% of Vitamin C.

If you bake at home, use Fleischmann's Fresh Yeast with the Yellow Label. It is the only yeast containing both Vitamin B Complex and added amounts of Vitamins A and D.