

Complete Radio Programs and Highlights for Today

CHICAGO FREQUENCIES.

W.G.N.—720 WAAF—950 WGES—1300
 WIND—560 WCFL—1000 WHFC—1450
 WLS—580 WMBI—1110 FM—
 WMAQ—670 WJJD—1100 WGNB—45.9
 WBBM—780 WJOB—1230 WBBM—48.7
 WAIT—820 WSCB—1240 WDLM—47.5
 WENR—800 WCRW—1240 WZZR—45.1
 WLS—800 WMRO—1280 WBEZ—42.5

MORNING.

[N] indicates MBS, [N] NDC, [C] CDS, and [D] Blue network.

8:30—W.G.N.—The Farm hour.
 WMAQ—News: the Early Blvd.
 WBBM—Treasury Salute.
 WLS—Spine-a-White Show.
 WJJD—The Breakfast Frolic.

9:15—W.G.N.—News bulletins.
 WBBM—Farm and Factory hour.
 W.G.N.—Breaking News Frolic.
 WBBM—Paul Gibson program.
 WMAQ—WIND—News reports.
 WCFL—Come On, Get Up!
 WLS—Farm news program.
 WSCB—Don't Be Late.

6:15—WMAQ—Town and Farm program.
 WLS—Morning Devotions.
 WIND—Yawn Patrol.

6:30—WLS—Sunbeams, Sunbeams.
 WIND—Back to the Bible.
 WAAF—Farm Folks' hour.

6:45—WLS—Kyrin Lewis, news.
 WMAQ—Morning Jubilee: news.

6:55—WBBM—First Edition.
 W.G.N.—Record Revellie.
 WBBM—News of the World [C].
 WCFL—Daily War Journal [B].
 WMAQ—The Suburban hour.
 WLS—Alex Dreier, news reports.
 WJJD—People's Tabernacle.
 WIND—Hour of News.
 WGES—Z. George Jaworowski.

7:15—W.G.N.—News bulletins.
 WCFL—Two Boys and Guitars [B].
 WLS—Red Foley and Saddle Pals.
 WBBM—News reports.

7:20—W.G.N.—Record Revellie to 8 a. m.
 7:30—WBBM—The Washing Well.
 WLS—Chuck Acree program.
 WJJD—News reports.

7:45—WLS—Dr. Preston Bradley.
 WBBM—Continent Three.
 WJJD—Smith's Ed McConnell.
 WCFL—Bob Barron, news.
 WMAQ—Clifton Ulley, news.
 W.G.N.—Your Morning news.
 WCFL—The Breakfast club [B].
 WBBM—Robert Hurligh, news.
 WMAQ—Your Neighbor program.
 WLS—Red Foley, Rango Riders.
 WJJD—Showboat to 9 a. m.
 WLL—Food, Applied Bacteriology.
 WAAF—The Breakfast Bandstand.
 WIND—News: music.

8:15—W.G.N.—Two Ton Baker, singer.
 WMAQ—News and music.
 WBBM—Program of tunes.
 WIND—Coffee Time.
 WLS—Ervin Lewis, news.

8:30—W.G.N.—Victor H. Lindihar, talk.
 WLS—The Breakfast club [B].
 WMAQ—Music to Your Taste.
 WBBM—Musical Clock.
 WIND—News: Rhythm Express.
 WAIT—Heaven and Home hour.

8:40—WMAQ—Current news.
 8:45—W.G.N.—The Washing Well.
 WMAQ—Romans in Fashion.
 WBBM—John Harrington, news.
 WCRW—Lithuanian Housewives.
 WIND—Current news.
 W.G.N.—News bulletins.
 WMAQ—Lara Lawton, serial [N].
 WBBM—Valiant Lady, serial [C].
 WLS—Sweet River, serial [B].
 WJJD—Haven of Rest.
 WCFL—Wheel of Fortune.
 WIND—News: Start Day Right.
 WMBI—Bread of Life.
 WAAF—News reports.

9:15—W.G.N.—Spots of Music.
 WBBM—Kitty Foyle, serial [C].
 WLS—My True Story [B].
 WMAQ—Robert S. John, comment.
 WCFL—Hugh Douglas, comment.

9:30—W.G.N.—Morning Musical; news.
 WMAQ—Helpmate, serial [N].
 WBBM—Open Door, serial [C].
 WGES—Swedish program.
 WCFL—Swing Ho.
 WJJD—Treasury Star Parade.
 WIND—News; music.

9:40—WLS—Ervin Lewis, news.
 9:45—W.G.N.—June Baker program.
 WMAQ—Star Playhouse [N].
 WBBM—Bachelor's Children [C].
 WIND—Strictly Instrumental.
 WLS—Doc Hopkins' program.
 WCFL—Frankie Masters entertains.
 WJJD—Pan Americana.

10—W.G.N.—Get Acquainted, Neighbor.
 WMAQ—Road of Life, serial [N].
 WBBM—Amanda, serial [C].
 WLS—Breakfast at Sardi's [B].
 WGES—Italian Community hour.
 WLL—Survey of English Lit.
 WSCB—Polish Morning Revue.
 WJJD—WIND—News.
 WCFL—News Serenade.

10:15—W.G.N.—The Musical Milkwagon.
 WMAQ—Second Husband [C].
 WBBM—Vic and Sade, serial [N].
 WCFL—Don Aliste, pianist.
 WJJD—Croonfest.
 WIND—Dance and Romance.

10:30—WBBM—Bright Horizon [C].
 WMAQ—The Brave Tomorrow [N].
 WCFL—Lean Back and Listen.
 WJJD—War Clinic of the Air.
 WLS—Gilbert Martyn, news [B].
 WLL—WDLM—Shut-in program.
 WIND—News: Tromping Tempo.

10:45—W.G.N.—What's Your Idea? [M].
 WMAQ—David Harum, serial [N].
 WBBM—Aunt Jenny's stories [C].
 WCFL—The Baby Institute [B].
 WJJD—Bing Crosby, songs.
 WLS—Ervin Lewis, news.
 WIND—Record Session.

10:55—W.G.N.—Les Huff Trio [M].
 WMAQ—Boake Carter, news [M].
 WBBM—Kate Smith Speaks [C].
 WLS—Eleanor's Daughter, serial.
 WLS—Martha and Helen program.
 WJJD—WCFE—News.
 WLL—Home Management.
 WGES—Poussin reporter.
 WIND—News: music.

11:15—W.G.N.—Date with Don Norman.
 WBBM—Big Sister, serial [C].
 WMAQ—Linda's First Love.
 WCFL—Johnny Neblett.
 WIND—Musical Interlude.
 WAAF—Chorus for the Camps.
 WAIT—Woman's Corner.
 WJJD—Music Goes Round.

11:30—W.G.N.—John Holbrook, news.
 WMAQ—News reports.
 WBBM—Helen Trent, serial [C].
 WCFL—Mako Bellevue Duconland.
 WIND—News: Club Encore.
 WLS—Live stock, poultry markets
 WJJD—Personalities.

11:45—W.G.N.—Boye Smith, singer, pianist.
 WBBM—Our Gal Sunday [C].
 WMAQ—Reverie Roundup.
 WLS—Farm news and markets.

AFTERNOON.

12—W.G.N.—Ray Dady, news [M].
 WBBM—Life Can Be Beautiful [C].
 WCFL—Baukhage Talking [B].
 WMAQ—Elizabeth Hart Presents.
 WIND—News: Serenade at Noon.
 WAAF—Symphonic hour to 1 p. m.
 WJJD—News.
 WGES—Polish Dinnerbell.
 WZZR—Victory Trombone.
 WLS—Dinner and Helen program.

12:15—W.G.N.—Jack Berch and Boys.
 WCFL—Life Fashion Stories.
 WBBM—Ma Perkins, serial [C].
 WMAQ—Tunes and Tips.
 WJJD—Waltz Time.

12:30—W.G.N.—Luncheon with Lopez [M].
 WBBM—Bernadine Flynn, news [C].
 WMAQ—News reports.
 WCFL—Kate Smith Sings.
 WJJD—Loop noonday services.
 WIND—News: music.
 WLS—Julian Bentley, news.
 WZZR—Luncheon Varieties.

Listeners' Choice

SPECIAL EVENTS.

9:45 a. m.—W.G.N.—June Baker Interviews Mrs. Jerome-Lunden on child care.
 Noon—WMAQ—Elizabeth Hart presents Dr. W. A. Young of Anti-Cruelty society.
 10:45 p. m.—WMAQ—Prof. Harley F. McNair interviews Dr. T. F. Tsiang on "China Today."

VARIETY, COMEDY, AND DRAMA.

1:15 p. m.—W.G.N.—Bandwagon, with Del Courtney and his orchestra.
 2:15—W.G.N.—Words and Rhythm, with Jess Kirkpatrick and Bill Anson.
 7:00—WMAQ—Cavaleade of America, Thomas Mitchell, George Contouris in "The Story of Persepolis."
 7:40—WBBM—Pop, with Cecil B. De Mille, Dr. Corydon M. Wassell.
 7:30—WLS—Blind Date: Arlene Francis.
 7:30—W.G.N.—Sherlock Holmes: "The Dentist Who Used Wolfbane."
 7:45—WCFL—Whodunit! With Bob Maxwell and Nannette Sargent.
 8:00—WBBM—Radio Theater: Charles Loughton and Maureen O'Sullivan in "This Land of Mine."
 8:00—WENR—Counter-Spy.
 8:30—WMAQ—A Formation, Please. Guests: Irene Dunne and Deems Taylor.
 9:00—WBBM—Screen Guild: Edgar Bergen, Charlie McCarthy in "Snow White."
 9:30—W.G.N.—Bulldog Drummond: "The Adventure of the Living Mummy."

MUSIC.

Noon—WAAF—Symphonic hour: Beethoven's Symphony No. 2 in D Major.
 12:15 p. m.—W.G.N.—Jack Berch and the music of the Three Suns.
 7:30—WMAQ—Richard Crooks and Howard Barlow's orchestra.
 8:00—WMAQ—Telephone hour, with Marian Anderson singing "Agnus Dei."
 8:30—WENR—Spotlight band: Tommy Dorsey and his orchestra.
 9:00—WMAQ—Continent Three, with Josephine Andrews, Reinhold Schmidt.
 9:30—WENR—Horace Heidt Time.
 9:30—WZZR—Composers' hour: Selections from French operas.
 10:05—WIND—Symphonic hour: "The Wise Virgins," by Bach.
 11:00—W.G.N.—Chicago Theater of the Air Symphony hour: Henry Weber conducts orchestra in Rimsky-Korsakoff's "La Grand Marche Russe" and the "Schcherzade Suite."

12:45—W.G.N.—Butch Davis, markets.
 WCFL—Morgan Beatty, news [N].
 WBBM—The Goldbergs, serial [C].
 WMAQ—Ranch House Jim.
 WIND—Music Maestro.
 WLS—Home Harmonics; markets.
 W.G.N.—The Deacon, philatophy.
 WBBM—Portia Faces Life [C].
 WMAQ—Guiding Light [N].
 WLS—Doc Hopkins; markets.
 WZZR—The Salon hour.
 WJJD—War Workers' Moral.
 WIND—WCFE, WAAF—News.
 WMBI, WDLM—Living Water.
 1:15—W.G.N.—The Bonington show.
 WMAQ—The Children [N].
 WBBM—Joyce Jordan, M. D. [C].
 WIND—Treasury Salute.
 WLS—School Time News.
 WAAF—Hollywood Briefs.
 WCFL—World of Song.
 WJJD—Hand of the Week.

1:30—WBBM—Young Dr. Malone [C].
 WMAQ—Light of the World [M].
 WAAF—A Lady's Luck.
 WJJD—News reports.
 WLS—Julian Bentley, news.
 WCFL—News reports.
 WIND—Sentimental Serenade.
 1:35—WCFL—Ladies, Be Seated [B].
 1:45—W.G.N.—John Holbrook, news.
 WBBM—Perry Mason, serial [C].
 WMAQ—Hymns of Churches [N].
 WLS—Grace Wilson, songs.
 WIND—Musical Motoreade.
 WJJD—Voice of the Army.

2—W.G.N.—The Center Canteen.
 WMAQ—A Woman of America [N].
 WBBM—Mary Martin, serial [C].
 WLS—Morton Downey, songs [B].
 WIND—News: Club 560.
 WSCB—Rug Cutters' Special.
 WCFL—News.
 WJJD—1160 Club.
 WAAF—Club Melody.
 WLL—Musical Promenade.
 WZZR—Musical Comedies.

2:15—W.G.N.—Words and Rhythm.
 WMAQ—Ma Perkins, serial [N].
 WCFL—Appointment with Life [B].
 WBBM—Meet the Missus.
 WLS—O of Interest for Women.
 WZZR—Music for War Workers.

2:30—W.G.N.—Johnny Belts' songs.
 WMAQ—Pepper Young's Fam. [N].
 WBBM—Setunes at Work [C].
 WMBI, WDLM—Bible School.
 WLS—Mac and Bob program.
 WGES—Hebrew Christian hour.
 WZZR—Dance Maestro.

2:45—W.G.N.—Wendell Hall, music.
 WMAQ—Right to Happiness [N].
 WJJD, WIND—Dugout Interview.
 WCFL—Favorite Melodies.
 WLS—Julian Bentley, news.

3—W.G.N.—News; Melody Memos.
 WGNB—Remember When?
 WMAQ—Backstage Wife [N].
 WBBM—Broadway Matinee [C].
 WIND—Sex You, quiz show [B].
 WBBM—News reports.
 WIND, WJJD—Sports Edition.
 WAAF—Footlight Echoes.
 WZZR—Latin Moods.

3:15—W.G.N.—The Open House [M].
 WMAQ—Stella Dallas, serial [N].
 WLL—Good Music program.
 WCFL—Don Aliste, pianist.

3:25—WBBM—Dan Ryan Sings.
 3:30—W.G.N.—Judy and Jane, serial.
 WGNB—On Wings of Song.
 WMAQ—Lorenzo Jones, serial [N].
 WCFL—Views of the News [B].
 WBBM—News reports.
 WENR—Beulah Karney program.
 WEDC—Bohemian Melodies.

WAAF—Know Your Neighbor?
 WGES—Italian Matinee.
 WZZR—Pop Concert.

3:45—W.G.N.—Henry Sukman, pianist.
 WGNB—Hilary Matinee.
 WMAQ—Wilder Brown, serial [N].
 WBBM—Missus Goes to a Party.
 WENR—Rhythm Edition.
 WCFL—Music Lovers' Matinee.
 WAIT—Jivo Briefs.
 WZZR—Music for War Workers.

4—W.G.N.—News bulletins.
 WMAQ—When a Girl Marries [N].
 WBBM—Paul Gibson program.
 WIND—News: Club 560.
 WENR—Mystery Chef.

4:05—W.G.N.—"Up in Arms" Preview.
 4:10—W.G.N.—Musical Moods.
 4:15—W.G.N.—Helen Westbrook, organist.
 WGNB—Pop Concert.
 WMAQ—We Love and Learn [N].
 WENR—News reports.

4:30—W.G.N.—The Music Mart.
 WMAQ—Just Plain Bill, serial [N].
 WBBM—Fred Beck.
 WENR—Malcolm Claire, stories.
 WZZR—Novelty Instruments.

4:35—WBBM—Gold Coast Rhythm.
 4:45—WBBM—American Women [C].
 WMAQ—Friend Page Farrell [N].
 WCFL—Living Should Be Fun [B].
 WENR—Dick Tracy, serial.

5—W.G.N.—News bulletins.
 WGNB—Waltz Time.
 WENR—Terry and the Pirates [B].
 WMAQ—Alex Dreier, news; music.
 WBBM—Alvin J. Steinkopf, news.
 WIND—News: Scoreboard.
 WMBI, WDLM—Komfort Korner.
 WZZR—Concert Reveries.
 WGNB—News reports.
 WLL—Music of the Masters.

5:15—W.G.N.—Chick Carter, serial.
 WGNB—Consoles Concert.
 WBBM—Lyn Murray's orch. [C].
 WMAQ—News: Sweet 'n' Spanish.
 WAIT—Anne Hunter, news reports.
 WJJD—Swing It.
 WENR—Jimmy Allen, serial.
 WCFL—Sweet 'n' Swine.
 WZZR—Organ Sketches.
 5:20—WIND—Club 560.

5:30—W.G.N.—Safety Leglay Time.
 WGNB—Rhythm Cocktail.
 WBBM—John Harrington, news.
 WENR—J. Armstrong, serial [B].
 WIND—Frank Parrish, songs.
 WCFL—Let's Dance.
 WJJD—Parade of Stars.
 WZZR—High Jinks in Tempo.

5:45—W.G.N.—Superman, serial.
 WBBM—The World Today [C].
 WENR—Capt. Midnight, serial [B].
 WMAQ—Hub Jackson, news.
 WCFL—David Ross's orchestra.
 WMAQ—News reports.
 WIND—Bill Anson program.

5:55—WBBM—Joseph Harach, news [C].

EVENING.

6—W.G.N.—Johnny Belts, songs, pat'r.
 WGNB—Fulton Lewis Jr., news.
 WMAQ—Jim Blane, music.
 WBBM—News; Sports Reel.
 WJJD—Sports Reel.
 WIND—News: Bill Saunders.
 WLS—Julian Bentley, news.
 WCFL—News reports.
 WZZR—The Masters' Album.

6:15—W.G.N.—Telephone Quiz.
 WGNB—Broadway Echoes.
 WBBM—Ed Sullivan entertains [C].
 WMAQ—John W. Vanderoock [N].
 WLS—L. Burlinghame, music.
 WIND—The Spice of Life.
 WCFL—Musical Motoreade.
 WJJD—Ranch House.
 WAIT—Sports Resume.
 WZZR—Around the Town.

6:30—W.G.N.—John Holbrook, news.
 WGNB—Army Air Forces [M].
 WLS—The Lono Ranger [B].
 WMAQ—Supper Interlude.
 WBBM—Bob Burns show.
 WCFL—Adventures of Jane Arden.
 WJJD—Dave Miller program.
 WIND—News: Frank Sinatra, music.

6:45—W.G.N.—The Lion's Roar.
 WMAQ—H. V. Kallenborn [N].
 WIND—Korn Kobblers, songs.
 WCFL—Jack Kelly's orchestra.
 WJJD—Home Folks' Melodies.

7—W.G.N.—Cecil Brown, news [M].
 WGNB—The Concert Hall.
 WMAQ—Vox Pop show [C].
 WMAQ—Cavaleade of America [N].
 WLS—Paul Neilson, news [B].
 WIND—News: Sports Review.
 WCFL—Lithuanian Family hour.
 WCFL—News reports.
 WJJD—Supper Frolics to 9 p. m.
 WEDC—Czech drama.
 WZZR—Rural Music.

7:15—W.G.N.—Fulton Oursler, reporter [M].
 WLS—Lum and Abern, sketch [B].
 WCFL—Bing Crosby, songs.
 WIND—Musical program.

7:30—W.G.N.—Sherlock Holmes [M].
 WMAQ—Richard Crooks, tenor [N].
 WBBM—Gay '09s Revue [C].
 WLS—Blind Date [B].
 WIND—Capt. Michael Fielding.
 WZZR—Comradship in Music.
 WCFL—Rendezvous with Romance.

7:45—WGNB—One Night Stands.
 WIND—Time to Remember.
 WCFL—Who Dunit?

7:55—WBBM—Bill Henry, news [C].
 W.G.N.—Gabriel Heatter, news [M].
 WGNB—Reviewing Stand.
 WMAQ—The Telephone hour [N].
 WBBM—Radio Theater [C].
 WENR—Counter Spy, drama [D].
 WCFL—News reports.
 WZZR—Thoughts, Tunes.
 WZZR—Evening Concert Music.
 WIND—News: Amor, Women [C].
 WMAQ—Contented program [N].
 WBBM—Screen Guild Players [C].
 WIND—News and music.
 WENR—Raymond Gram Swing [B].
 WSDC—Jewish Radio Guild.
 WZZR—Music for War Workers.

8:15—W.G.N.—Return of Nick Carter [M].
 WCFL—Melody Parade, organ.

8:20—WIND—Intermezzo.

8:30—W.G.N.—Winchell and Mahoney [M].
 WGNB—Twilight Casino.
 WMAQ—Information, Discase [N].
 WENR—Spotlight: T. Dorsey [B].
 WCFL—Labor Flashes.
 WIND—News; Musically Speaking.
 WZZR—Symphony of Song.

8:45—WBBM—Any Bonds Tonight?
 WIND—Dr. Gerhard Schaefer.

8:55—WENR—Story Teller, M. Mueller [B].
 W.G.N.—Henry Gladstone, news [M].
 WGNB—News; also WIND, WCFL.
 WMAQ—Contented program [N].
 WBBM—Screen Guild Players [C].
 WIND—News and music.
 WENR—Raymond Gram Swing [B].
 WSDC—Jewish Radio Guild.
 WZZR—Music for War Workers.

9:15—W.G.N.—Del Courtney's orchestra.
 WIND—Hanz Muenzer's ensemble.
 WENR—Top of the Evening [B].
 WCFL—Serenade: Treasury Songs.

9:30—W.G.N.—Whiling Drummond.
 WMAQ—Doc Aliste, pianist.
 WBBM—Blonde, comedy [C].
 WENR—Heidt Time [B].
 WCFL—The Lono Ranger [B].
 WIND—News: Wo Deliver Goods.
 WZZR—Composers' hour.

9:45—WGES—Italian hour.

10—W.G.N.—Fulton Lewis Jr., news.
 WBBM—I Love a Mystery [C].
 WMAQ—Fred Waring Time [N].
 WENR—Symphonette, M. Piastro.
 WIND, WCFL—News reports.
 WZZR—Rhythms on Parade.

10:05—WIND—Symphonic hour.

10:15—W.G.N.—Chicago at Night.
 WBBM—So the Story Goes.
 WMAQ—Kleve Kirby, news.
 WCFL—Don Aliste, pianist.

10:30—W.G.N.—News bulletins.
 WBBM—Eugene Reed, news.
 WMAQ—Playtime, music.
 WCFL—Music Lovers' program.
 WGES—All Slavic hour.
 WENR—But Not Forgotten.
 WZZR—Spotlight Varieties.

10:45—W.G.N.—Low Diamond's orchestra.
 WMAQ—China Today.
 WBBM—Serenade and Swing.
 WENR—News reports.

10:50—WENR—Rhythm at Random.
 W.G.N.—Cligo, Theater of Air [M].
 WBBM, WENR, WIND—News.
 WMAQ—Non Elder, news.
 WZZR—Music for War Workers.

11:05—WBBM—Music for Harrington [C].
 WIND—Music for Everybody.

11:15—WMAQ—A Little Night Music.
 WENR—Musical Interlude.
 WGES—Treasury Star Parade.

11:30—WBBM—Leonard Keller's orchestra.
 WMAQ—Stories of Escape.
 WCFL—Organ Reverie; news.
 WENR—Eddie Oliver's orchestra.
 WIND—Musical program.

11:55—WENR—News reports.
 W.G.N.—News; E. Cranner's orch.
 WBBM—News; R. Benson's orch.
 WBBM—Press News [C].
 WIND—News: The Night Watch.
 WENR—Midnight Musical.

12:00—WBBM—A. Goksworthy's orch.
 12:30—W.G.N.—Carl Ravazza's orch. [M].
 WMAQ—Foot Luck and news.
 WBBM—Leonard Keller's orchestra.
 WENR—Let's Dance; news.
 1:00—W.G.N.—News Roundup.
 WIND—News; also at 2, 3, 4, 5.

ON SHORT WAVES

LONDON.

The following short wave programs may be heard over WAVE, 11.03 mc, 25.15 mc; GBL, 6.11 mc, 40.1 mc.

4:30. Front Line Family: 4:45, news; 5, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:00, 1:15, 1:30, 1:45, 2:00, 2:15, 2:30, 2:45, 3:00, 3:15, 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15, 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15, 9:30, 9:45, 10:00, 10:15, 10:30, 10:45, 11:00, 11:15, 11:30, 11:45, 12:00, 12:15, 12:30, 12:45, 1:0