

# RADIO TODAY

WEDNESDAY, APRIL 23, 1941

WMCA...576	WAAF...970	WNEW...1280	WLTH...1480
WEAF...660	WABC...1050	WENR...1350	WVFR...1450
WOR...710	WBN...1050	WRB...1350	WVOM...1500
WJZ...770	WQV...1150	WRNY...1350	WQXR...1500
WNYS...880	WGBB...1240	WARD...1450	WVBL...1600
WABC...880	WFAS...1240	WBEO...1450	WCNV...1600

**Mayor La Guardia, at St. George Day Luncheon, Toronto—WJNY (FM), 12:15-12:45.**  
**United States Navy Band Concert—WJZ, 2:30-3.**  
**Friendship Bridge to England: Dr. Sylvester Grizska, Polish Consul General, and Others—WMCA, 4-4:15.**  
**William B. Herlands, Commissioner of Investigations, Discussing "Investigation and Law Enforcement"—WNYS, 6-6:30.**  
**"Echoes of New York": Bonime Orchestra; Soloists—WJZ, 7:30-8.**  
**Richard G. Casey, Australian Minister, and Others, on Anzac Week Program, Savoy Plaza—WMCA, 8-8:15.**  
**Eddie Cantor, Comedian; Tallulah Bankhead, Guest—WEAF, 9-9:30.**  
**Fred Allen Variety: Wynn Murray, Songs: Others—WABC, 9-10.**  
**Roundtable: "Battle of the Mediterranean"—WEVD, 9:30-10.**  
**Col. Charles A. Lindbergh, and Others, at Rally in Opposition to Convoys, Manhattan Center—WMCA, 10-10:30.**

Where there is no listing for a station, its preceding program is on the air

**MORNING**  
 5:30-WOR—Hillbilly Music  
 6:00-WOR—Farmers Digest  
 WHN—News-Radio Newswire  
 6:15-WABC—Program Resume: Music  
 6:30-WEAF, WJZ—News: Variety  
 WABC—News: Larry Elliott  
 6:45-WEAF—News: Variety  
 WMCA—News; Dance Music  
 7:00-WOR—News Reports  
 WJZ—Breakfast in Bedlam—Variety  
 WABC—Morning Almanac  
 WNYS—Sunrise Symphony  
 WHN—Weather: Popular Music  
 WEVD—Musical Clock  
 7:05-WQXR—News: Breakfast Symphony  
 7:15-WOR—Gambling's Musical Clock  
 WHN—News; Popular Music  
 7:30-WEAF—News: Don Goddard: Music  
 WEVD—Jewish Comments  
 7:45-WABC—News Bulletins  
 WMCA—Reward for Listening  
 WEVD—Morning Melodies  
 7:55-WJZ—News Reports  
 WQXR—News: Music  
 8:00-WEAF, WJZ—European News  
 WOR—News Reports  
 WABC—News: Music: Talks  
 WABC—Religious Talk  
 WNYS—News Reviews  
 WEVD—Famous Composers  
 8:15-WEAF—Gene and Glenn—Sketch  
 WOR—The Goldbergs—Sketch  
 WJZ—Variety Music  
 WNYS—Want Ad Column: Music  
 WHN—Insurance Talk  
 8:20-WNYS—Music: Consumers Guide  
 8:30-WOR—Vic and Sade—Sketch  
 WABC—Missus Goes a-Shopping  
 WMCA—News Reports  
 WNYS—Gramercy Chamber Trio  
 WHN—News Reports: Music  
 WEVD—Popular Music  
 8:45-WOR—Kitty Keene—Sketch  
 WJZ—News: Kitchen Quiz  
 WABC—Talk—Adelaide Hawley  
 WMCA—Health Talk  
 WNYS—News: New York Today  
 WEVD—Popular Music  
 8:55-WQXR—News: Request Program  
 9:00-WEAF—News: Music: Talk  
 WOR—Arthur Godfrey, Songs  
 WJZ—Woman of Tomorrow—Talks  
 WABC—News: School of the Air

WMCA—Recorded Dance Music  
 WNYS—Masterworks Hour  
 WHN—Ink Spots, Songs  
 WEVD—Italian Varieties  
 9:15-WOR—Heart of Julia Blake—Sketch  
 WHN—Recorded Music  
 9:30-WOR—News: Music: Shopping  
 WJZ—Breakfast Club—Variety  
 WMCA—Dr. Wynne's Food Forum  
 WHN—Insurance Talk  
 WEVD—Italian Music (Off Till 12)  
 9:45-WEAF—Mystery Chef  
 WOR—Variety Music: Movie Talk  
 WABC—Betty Crocker, Talk  
 WHN—News Reports  
 10:00-WEAF—This Small Town—Sketch  
 WOR—Food Forum  
 WJZ—Midstream—Sketch  
 WABC—Dramatic Sketch  
 WMCA—News Reports: Music  
 WNYS—You and Your Child—Talk  
 WHN—Recorded Music  
 WQXR—Lisa Sergio Comments  
 10:15-WEAF—Bachelor's Children—Sketch  
 WJZ—The Murrays—Sketch, Songs  
 WABC—Myrt and Marge—Sketch  
 WNYS—Gramercy Chamber Trio  
 10:30-WEAF—Ellen Randolph—Sketch  
 WABC—Stepmother—Sketch  
 WQXR—Concert Music  
 10:45-WEAF—Guiding Light—Sketch  
 WJZ—Josh Higgins, Sketch  
 WABC—Woman of Courage  
 WNYS—National Foot Health Week Program  
 WQXR—Garden Journal: Songs  
 11:00-WEAF—The Man I Married—Sketch  
 WOR—News: Bessie Beatty, Talk  
 WJZ—Viennese Ensemble  
 WABC—Buddy Clark, Songs  
 WMCA—Ida Bailey Allen's Program  
 WNYS—News: City Guide  
 WQXR—Symphonic Music  
 11:15-WEAF—Against the Storm—Sketch  
 WABC—Martha Webster—Sketch  
 WNYS—Fulton's Orchestra  
 11:30-WEAF—The Road of Life—Sketch  
 WJZ—Clark Dennis, Songs  
 WABC—Big Sister—Sketch  
 WMCA—Local News  
 WQXR—Reward for Listening  
 11:45-WEAF—David Harum—Sketch  
 WJZ—The Wife Saver—Allen Prescott  
 WABC—Aunt Jenny's Stories  
 WMCA—Light Classical Music

**AFTERNOON**  
 12:00-WEAF—Words and Music  
 WOR—Victor Lindfahr, Talk  
 WJZ—Southernaires, Music  
 WABC—Kate Smith, Chat  
 WMCA—Food Talk  
 WNYS—Midday Symphony  
 WHN—News Reports  
 WEVD—Jewish News  
 WQXR—News: Composers' Hour (Off 1 to 3)  
 12:15-WEAF—The O'Neills—Sketch  
 WABC—When a Girl Marries—Sketch  
 WMCA—News Reports  
 WHN—Popular Music  
 WEVD—Betty Linden, Songs  
 WNYS—Rehearsal of N. Y. A. Symphony; Leopold Stokowski, Conducting  
 12:25-WOR—Headlines in Health  
 WJZ—News: Farm and Home Hour  
 12:30-WEAF—Nellie Revell, Interviews  
 WOR—News: Consumers Quiz Show  
 WABC—Helen Trent—Sketch  
 WMCA—Jerry Baker, Songs  
 WHN—Racing Scratches: Music  
 WEVD—Household Hints  
 12:45-WEAF—News: Comments  
 WABC—Our Gal Sunday—Sketch  
 WMCA—Recorded Dance Music  
 WEVD—Cantor Kapav-Kagen, Songs  
 1:00-WEAF—Pianist; Variety Music  
 WOR—We Are Always Young  
 WABC—Life Can Be Beautiful—Play  
 WMCA—Drama—Katherine Gerten  
 WNYS—Missing Persons News  
 WHN—Hawalian Music  
 WEVD—Songs, Jewish News  
 1:05-WNYS—N. Y. U. Economics Class  
 1:15-WOR—Edith Adams—Sketch  
 WJZ—Poetry—Ted Malone  
 WABC—Woman in White—Sketch  
 WMCA—Easy Aces—Sketch  
 WHN—Popular Music  
 1:30-WOR—Government Girl—Sketch  
 WJZ—Talk—Dr. Alvin E. Magary  
 WABC—Right to Happiness—Sketch  
 WMCA—Recorded Dance Music  
 WNYS—Metropolitan Review  
 WHN—Novena Service  
 WEVD—Salon Music  
 1:45-WEAF—Betty and Bob—Sketch  
 WOR—I'll Find My Way—Sketch  
 WJZ—News: Harvey Harding, Songs  
 WABC—Road of Life—Sketch  
 WNYS—Education Program

WEVD—News: Drama and Music  
 2:00-WEAF—Biblical Drama  
 WOR—Ed Fitzgerald, Talk  
 WJZ—Raising a President—Drama  
 WABC—Young Dr. Malone—Sketch  
 WNYS—News: Opera Matinee; Cavalleria Rusticana  
 WHN—Ginny Sims, Songs  
 WEVD—Jewish Philosopher  
 2:15-WEAF—Mystery Man—Sketch  
 WOR—Health Drama: Music  
 WJZ—Echoes of History—Drama  
 WABC—Joyce Jordan—Sketch  
 WHN—News Reports  
 WEVD—Interviews With Housewives  
 2:30-WEAF—Vaillant Lady—Sketch  
 WOR—Garden Club  
 WJZ—U. S. Navy Band  
 WABC—Fletcher Wiley, Talk  
 WHN—Bob Byron, Songs  
 WEVD—Mae Fields, Songs  
 2:45-WEAF—Arnold Grimm's Daughter  
 WOR—News Reports  
 WABC—Home of the Brave—Sketch  
 WMCA—Our Gal Sunday—Sketch  
 WEVD—Arel Diamond, Songs  
 2:55-WOR—Baseball: Dodgers-Phillies, at Ebbets Field  
 3:00-WEAF—Mary Marlin—Sketch  
 WJZ—Orphans of Divorce—Sketch  
 WABC—Mary McBride, Talk  
 WMCA—Helen Trent—Sketch  
 WEVD—Florence Weiss—Songs  
 WQXR—Modern Music  
 3:15-WEAF—Ma Perkins—Sketch  
 WJZ—Honeymoon Hill—Sketch  
 WABC—Frank Parker, Tenor; Orch.  
 WMCA—Doc Sellers—Sketch  
 WEVD—Concert Miniatures  
 3:30-WEAF—Pepper Young's Family  
 WJZ—John's Other Wife—Sketch  
 WABC—Friend in Deed—Sketch  
 WMCA—News Reports  
 WNYS—Know Your Museum—Talk  
 WHN—Popular Music  
 WEVD—News Review  
 WQXR—News: Concert Music  
 3:45-WEAF—Vic and Sade—Sketch  
 WJZ—Just Plain Bill—Sketch  
 WABC—Children Also Are People  
 WMCA—Recorded Dance Music  
 WNYS—News Reports  
 WHN—Albert Orchestra  
 3:55-WABC—News, Portia Faces Life  
 4:00-WEAF—Backstage Wife—Sketch  
 WJZ—Mother o' Mine—Sketch

**EVENING**  
 6:00-WEAF—Orchestra; Things to Do  
 WOR—Uncle Don  
 WJZ—News; Graziello Parraga, Songs  
 WABC—Edwin C. Hill, Comments  
 WMCA—Recorded Music  
 WNYS—Commissioner of Investigations William B. Herlands, Discussing the Department of Investigation and Law Enforcement  
 WHN—To Be Announced  
 WQXR—Music to Remember  
 6:10-WABC—Bob Trout, Comments  
 6:15-WEAF—News Reports  
 WJZ—Bill Stern, Songs: Music  
 WABC—Hollywood—Hedda Hopper  
 WMCA—News, Home Talk  
 WHN—Music: Sports—Clem McCarthy  
 6:25-WOR—Listener Game: Facts  
 WQXR—News: Dinner Music  
 6:30-WEAF—Tim Healy's Adventures  
 WOR—News Reports  
 WJZ—Himber Orchestra  
 WABC—Paul Sullivan, Comments  
 WMCA—Sports—Jimmy Powers  
 WNYS—Selective Service—Col. Arthur McDermott  
 WHN—Movie Time Table  
 6:35-WNYS—News Reports  
 6:45-WEAF—Paul Douglas, Sports Column  
 WHN—Here's Morgan  
 WJZ—Lowell Thomas  
 WABC—The World Today  
 WABC—News: Rush Hughes  
 WNYS—News Reports  
 WHN—Sports—Dick Fishell  
 7:00-WEAF—Fred Waring Orchestra  
 WJZ—Easy Aces—Sketch  
 WOR—Stan Lomax, Sports  
 WABC—Amos 'n' Andy—Sketch  
 WMCA—Popular Music  
 WNYS—Masterworks Music Hour (Sign-Off at 8)  
 WHN—Ballou Orchestra  
 WQXR—Candlelight Concert  
 7:15-WEAF—News—John W. Vandercook  
 WJZ—Lost Persons—Sketch  
 WOR—Arthur Hayes, Comments  
 WABC—Lanny Ross, Tenor  
 WMCA—News Report  
 WHN—Baseball—Bert Lee  
 7:30-WEAF—Fisk Jubilee Singers  
 WOR—Lone Ranger—Sketch  
 WJZ—Bonime Orchestra: Kay Lorraine, Jack Arthur, Songs  
 WABC—Comedy: Meet Mr. Meek  
 WMCA—Irene Rich—Sketch  
 WHN—G. H. Combs Jr., Comments  
 WQXR—Masterworks of Music  
 7:45-WMCA—Johannes Steel, Comments  
 WHN—Horlick Orchestra  
 8:00-WEAF—Tony Martin, Songs: Orch.  
 WOR—Where Are You From?  
 WJZ—The Quiz Kids  
 WABC—Big Town—Drama

WMCA—Richard Gardiner Casey, Australian Minister to the United States; Major Generals John F. O'Ryan and James G. Harbord, on Anzac Week Program, Savoy Plaza  
 WHN—Popular Music  
 WEVD—Irish Memories  
 WQXR—Symphony Hall  
 8:15-WEAF—How Did You Meet: Variety  
 WMCA—Hillbilly Music  
 WHN—Tony Martin, Songs  
 8:30-WEAF—Plantation Party: Variety  
 WOR—Boake Carter, Comments  
 WJZ—Drama: Manhattan at Midnight  
 WABC—Dr. Christian—Sketch  
 WMCA—Pat o' Gold; Tucker Orch. (Live, News and WNEW)  
 8:45-WOR—Here's Looking at You  
 WEVD—News Review  
 8:55-WABC—Bob Trout, Comments  
 9:00-WEAF—Eddie Cantor, Comedian: Tallulah Bankhead, Guest  
 WOR—Gabriel Heatter, Comments  
 WJZ—Roy Shield Revue  
 WABC—Fred Allen Variety: Wynn Murray, Songs  
 WMCA—Recorded Dance Music  
 WHN—News Reports  
 WEVD—Medical Talk  
 WQXR—Vocal Howe, Talk  
 9:15-WOR—Red Barber Sports  
 WMCA—String Ensemble  
 WHN—Insurance Talk  
 WEVD—Melodic Gems  
 WQXR—Concert Ensemble  
 9:30-WEAF—Mr. District Attorney—Sketch  
 WOR—Lombardo Orchestra  
 WJZ—Spin and Win—Quiz  
 WMCA—Burnet Hershey, Comments  
 WHN—Fishing Talk; Music  
 WEVD—Round Table: Battle of the Mediterranean—Herman Liebert, Ludwig Lore, Dr. Fennington Halle  
 WQXR—Vocal Music, Waltzes  
 9:45-WMCA—Recorded Dance Music  
 WHN—Bookshelf for Americans—Dorothy Frank  
 9:55-WJZ—News: Authors Playhouse  
 10:00-WEAF—Kysar Orchestra, Soloists  
 WOR—Raymond Swing, Comments  
 WABC—Glenn Miller Orchestra  
 WMCA—Col. Charles A. Lindbergh, Kathleen Norris, John T. Flynn, and Others, at Rally in Opposition to Convoys, at Manhattan Center  
 WHN—Recorded Music  
 WEVD—Operetta Mikado  
 WQXR—Emma Calve—Ruth Julia Hall, Comments  
 10:15-WOR—News: John Steele  
 WABC—British War Relief Program: Dame May Whitty, Actress: Austin Strong, Author, and Others  
 10:30-WOR—Life Can Be Beautiful—Sketch  
 WJZ—Doctors at Work  
 WABC—Joan Edwards, Songs  
 WMCA—News Report  
 WEVD—To Be Announced  
 WQXR—Concert Music

## NEWS BROADCASTS

**Morning**  
 6:00-WHN  
 6:30-WEAF, WJZ, WABC  
 6:45-WEAF  
 7:00-WOR  
 7:05-WQXR  
 7:15-WHN, WMCA  
 7:30-WEAF  
 7:45-WABC  
 7:55-WJZ, WQXR  
 8:00-WEAF, WJZ

WNYS, WOR, WABC  
 8:50-WMCA, WJZ  
 8:45-WNYS, WJZ  
 8:55-WQXR  
 9:00-WEAF, WABC  
 9:30-WOR  
 9:45-WHN  
 10:00-WMCA  
 11:00-WOR, WNYS  
 11:30-WMCA

**Afternoon**  
 12:00-WABC, WHN, WQXR  
 12:15-WMCA  
 12:25-WJZ  
 12:30-WOR  
 12:45-WEAF  
 1:45-WJZ, WEVD  
 2:00-WNYS  
 2:15-WHN

2:45-WQXR  
 3:50-WMCA  
 WEVD, WQXR  
 3:45-WNYS  
 3:55-WABC  
 4:55-WJZ  
 5:00-WMCA  
 5:45-WHN

**Evening**  
 6:00-WJZ, WABC  
 6:15-WEAF, WMCA  
 6:25-WQXR  
 6:30-WOR, WABC  
 6:35-WHN  
 6:45-WABC, WJZ, WMCA, WNYS  
 7:15-WEAF, WMCA, WOR  
 7:30-WHN  
 7:45-WMCA  
 8:30-WOR  
 8:45-WEVD  
 8:55-WABC  
 9:00-WOR, WQXR, WHN  
 9:15-WOR  
 9:30-WMCA, WOR

9:55-WJZ  
 10:00-WOR  
 10:15-WOR  
 10:30-WMCA  
 10:45-WABC, WOR, WQXR  
 11:00-WEAF, WOR, WHN, WJZ  
 12:00-WEAF, WJZ, WMCA, WABC  
 12:30-WOR  
 12:55-WABC, WHN, WJZ, WEAF  
 1:00-WMCA  
 1:30-WOR  
 1:55-WHN  
 2:55-WHN

## NEWS OF THE SHORT WAVES

(Time, Eastern Standard—Megacycles)

**LONDON**  
 1:15 A.M.—6.05, 9.51, 9.58  
 3:00 A.M.—6.05, 9.51, 9.59, 11.75  
 6:00 A.M.—6.11, 9.60  
 8:00 and 11:00 A.M.—17.81  
 11:15 A.M. and 1:00 P.M.—15.14  
 3:45 P.M.—9.58, 11.75  
 5:45 P.M.—6.05, 6.11, 9.58, 11.75  
 6:45 P.M.—6.11, 11.75  
 8:30 P.M.—6.11, 9.58, 11.75  
 11:00 P.M.—6.11, 9.58  
 11:30 P.M.—6.05, 6.11, 9.58

**BERLIN**  
 12:00 Midnight—6.02  
 2:15 and 4:30 A.M.—9.65  
 6:30 A.M.—15.11, 15.20  
 7:00 A.M.—15.28, 17.76  
 8:30 A.M.—15.11, 15.20  
 11:30 A.M., 12:30 and 1:30 P.M.—15.20  
 6:00 P.M.—9.61  
 8:15 P.M.—11.77  
 10:30 P.M.—6.02

**ROME**  
 1:15 A.M.—9.63  
 5:45 A.M.—17.82  
 1:45 P.M.—9.63, 15.31  
 4:30 P.M.—11.82  
 9:45 P.M.—9.63

WNYS—Tuberculosis—Dr. Israel Weinstein  
 WHN—Rhythm in the Morning

WMCA—Friendship Bridge, Dr. Sylvester Grizska, Polish Consul General in New York  
 WNYS—Sonata Series  
 WHN—Recorded Music  
 WEVD—Polish Music  
 WQXR—Symphony Music  
 4:15-WEAF—Stella Dallas—Sketch  
 WJZ—Club Matinee—Variety  
 WABC—The Abbotts—Sketch  
 WMCA—Recorded Dance Music  
 WHN—Albert's Orchestra  
 4:30-WEAF—Lorenzo Jones—Sketch  
 WABC—Bess Johnson—Sketch  
 WMCA—Rie's Orchestra  
 WNYS—Hermia Calvo—Songs  
 WEVD—Opera Echoes  
 4:45-WEAF—Young Wilder Brown—Sketch  
 WJZ—We Men—We Women  
 WABC—Kate Hopkins—Sketch  
 WNYS—Education Program  
 WHN—Donahue Orchestra  
 4:55-WJZ—Irene Wicker, Stories  
 5:00-WEAF—Girl Alone—Sketch  
 WABC—The Goldbergs—Sketch  
 WMCA—News Report  
 WNYS—Young People's Concert  
 WHN—Fashions in Music  
 WEVD—Italian Drama  
 WQXR—Stories and Music  
 5:10-WOR—Walter Hoyt, Talk  
 5:15-WEAF—Lone Journey—Sketch  
 WOR—Orpheus Annie—Sketch  
 WJZ—Burt Barton—Sketch  
 WABC—The O'Neills—Sketch  
 WMCA—Investment Talk  
 WHN—Recorded Music  
 5:30-WEAF—Jack Armstrong—Sketch  
 WOR—Mandrake—Sketch  
 WJZ—Drama Behind the News  
 WABC—Golden Gate Quartet  
 WMCA—Recorded Music  
 WNYS—N. Y. A. String Concert  
 Milton Katims, Violist  
 WHN—Sports—Clem McCarthy  
 WEVD—Almanac of the Air  
 WQXR—Children's News: Great Music  
 5:45-WEAF—Life Can Be Beautiful  
 WOR—Captain Midnight—Sketch  
 WJZ—Tom Mix—Sketch  
 WABC—Scattergood Balnes—Sketch  
 WMCA—Hillbilly Music  
 WHN—News Reports  
 WEVD—Quiz Program (Off to 3)

10:45-WOR—News From Athens; Gordon Orchestra  
 WABC—News of the World; Music  
 WMCA—Bob Carter, Sports  
 WHN—Bet Lee, Sports  
 WEVD—The War and Democracy—Theodore Schapiro  
 WQXR—News Reports  
 11:00-WEAF—News; Variety Programs  
 WOR—News Reports  
 WJZ—News: Music  
 WMCA—Harlem Amateur Hour  
 WHN—Radio Newsreel  
 WEVD—Free German Aufbau Hour  
 WQXR—Just Music (To 12)  
 11:15-WOR—Russell E. Singer, of A. A. discussing Traffic Conditions and Rest of Defense Program  
 11:20-WOR—Songs: Rhythm Music  
 11:30-WEAF—Breese Orchestra  
 WEVD—Symphonic Hour—Recorded  
 12:00-WEAF, WJZ—War News: Music  
 WOR—Reviews; Music  
 WABC—News: Dance Music  
 WMCA—News Report  
 WHN—Music to Read By  
 12:15-WMCA—Reviews—Julius Colby  
 12:30-WOR—London News: Music  
 WMCA—Dance Music  
 WEVD—Dance Music (Off at 4)  
 12:55-WEAF, WJZ—News (Off at 1)  
 WABC—News (Off at 1)  
 WHN—News Report  
 1:00-WMCA—News Reports (Off at 1:15)  
 WHN—Dance Music  
 1:30-WOR—News: Music (Off at 2)  
 1:55-WHN—News: Music  
 2:55-WHN—News (Off at 3)

**F. M. STATIONS**  
 (Dial Settings in Megacycles)  
 42XMN—42.8  
 11 A. M.—2: 4-11 P. M.—Variety: Music  
 W2XQR—43.2  
 5-10 P. M.—WQXR Programs  
 W2XWG—45.1  
 3-11 P. M.—Music and Variety  
 W71NY—47.1  
 8 A. M.—Symphonies  
 12:15 P. M.—Mayor La Guardia, Speaking at St. George Day Luncheon, Toronto  
 12:45—Luncheon Music  
 1:00—Luncheon Music  
 7:30—Dinner Concert  
 8:00—Opera Concert  
 11:00—Slumber Music (Otherwise WOR Programs)

**TELEVISION**  
 W2XBS  
 Sight—51.25; Sound—55.76  
 2:30 P. M.—Test Pattern  
 3:30 P. M.—Baseball: Fordham vs. St. John's University, from Fordham Field