

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION

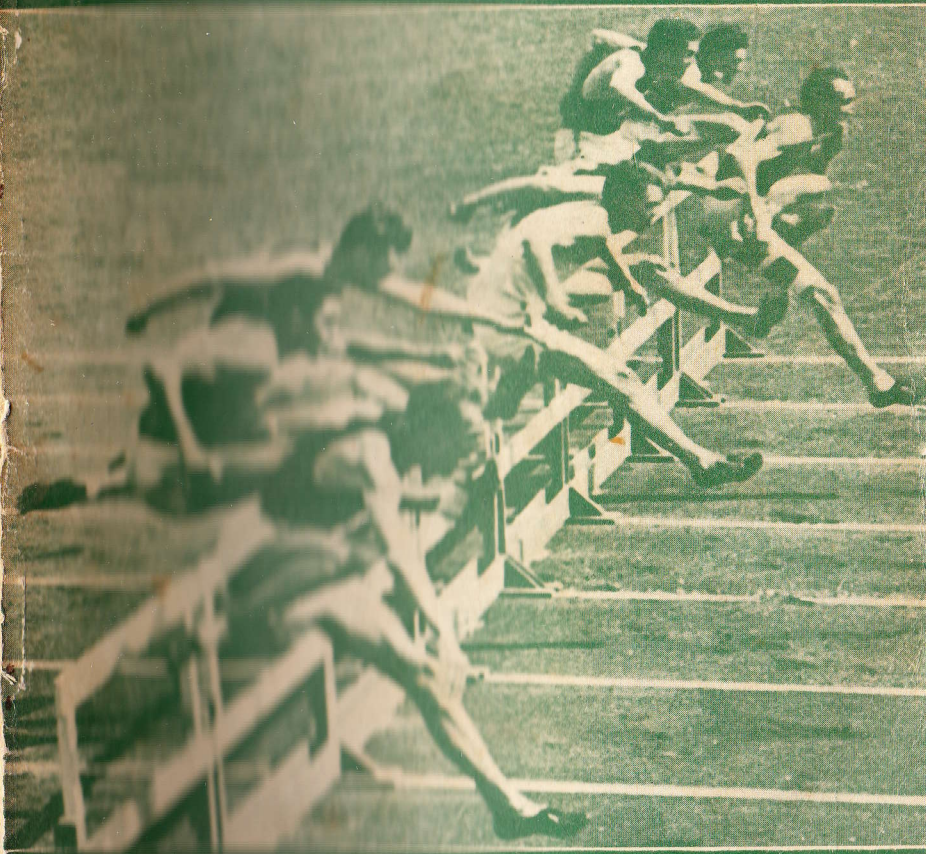
No. 119H

TRACK AND FIELD

25 Cents

OFFICIAL HANDBOOK ♦ RULES ♦ RECORDS
CHAMPIONSHIPS ♦ HONOR ROLL
HOW TO CONDUCT A TRACK MEET

1934



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THE NATIONAL MEET, 1933

The twelfth National Collegiate Athletic Association track and field championships held at Chicago, June 16 and 17, were a fitting climax to the succession of meets, all of which have been held in Chicago.

The event occurred on Soldier Field, which was under control of the Century of Progress, and for the first time the finals took place at night. In the conduct of the meet the Committee followed the plan used in the Olympic Games at Los Angeles, endeavoring to give continuous information as to what was happening by means of an amplifier.

There were 227 competitors representing 74 colleges and universities. Four records were made which surpassed the accepted world marks, and two accepted world marks were tied. These records were 20.4 seconds in the 220 yards dash by Ralph Metcalfe of Marquette University, who also tied the world record of 9.4 seconds in the 100 yards dash; 47.1 seconds in the quarter-mile run by Glen Hardin of Louisiana State University; 1 minute 50.9 seconds in the half-mile by Charles Hornbostel of Indiana University; 52 feet 10 inches in the shot put by Jack Torrance of Louisiana State University. August Meier of Stanford tied the accepted world record of 14.2 seconds in the 120 yards high hurdles. This record, however, was lowered in the N.C.A.A. meet of 1932 by George Saling of Iowa, who did 14.1 seconds. Seven new N.C.A.A. records were established and one was tied. In addition to the records mentioned above, Glenn Cunningham of Kansas ran the mile in 4 minutes 9.8 seconds; Henry Laborde of Stanford threw the discus 163 feet 3¾ inches; William Graber of Southern California and Matt Gordy of Louisiana State tied at 13 feet 11 1/16 inches in the pole vault.

Louisiana State University won the team championship with 58 points, the University of Southern California was second with 54, and Indiana third with 37. Scoring was on the basis of 10 points for first, 8 for second, 6 for third, 4 for fourth, 2 for fifth, 1 for sixth.

For the first eleven meets the Committee of Management comprised John L. Griffith, Tom Jones and A. A. Stagg. At the Chairman's request three additional members were selected by President Griffith of the N.C.A.A. to assist in the conduct of the 1933 meet, namely, Messrs. K. L. Wilson of Northwestern University, Clyde Littlefield of the University of Texas, and Henry Schulte of the University of Nebraska.

In bidding farewell the Chairman of the Committee wishes to thank most heartily the other members of the Committee who have labored so co-operatively with him during these dozen years, and also wishes to express his gratitude to that splendid group of coaches who have loyally supported and co-operated with the Committee in making the National Collegiate Athletic Association track and field championships so splendidly successful.

AMOS ALONZO STAGG, *Chairman.*

THE NATIONAL MEET, 1934

The National Collegiate Athletic Association track and field championships of 1934 will be held June 22 and 23 in the Los Angeles Coliseum, the huge stadium adjacent to the University of Southern California campus that was the scene of the 1932 Olympic Games.

The University of Southern California is guaranteeing the sum of \$20,000 to aid in paying the expenses to the meet of participants as selected by the N.C.A.A. Track and Field Committee and the N.C.A.A. Rules Committee. It is expected that this sum will guarantee the participation of the eight or ten outstanding men in each event, and it is anticipated that the competing colleges and universities will spend their usual amount on the meet to give it a large entry list and assure the participation of all athletes who have a chance of placing.

Any sum over and above the \$20,000 plus the actual expense of handling the meet will be turned back to the National Collegiate Athletic Association for distribution to the institutions represented in the meet on a basis to be decided by the N.C.A.A.

Receipts, Expenses and Prorating, All N.C.A.A. Track and Field Meets

Year.	Receipts.	Expenses.	Net Receipts.	Amount Prorated.	Total Comps.	(No. Prorated Comps. Coaches.	Rate of Prorating.
1921...	\$4,114.75	\$929.17	\$3,185.58	\$3,039.16	113	102	2-3 RR-Pullman
1922...	8,805.40	1,483.94	7,321.46	5,761.96	154	136	Full RR-Pullman
1923...	8,153.22	1,659.94	6,493.28	†7,325.34	178	162	3-4 RR-Pullman
1924...	4,156.60	1,107.21	3,049.39	3,024.30	157	147	1-8 RR-Pullman
1926...	*6,251.00	1,840.15	4,410.85	4,193.16	179	169	26 3-5 RR
1927...	*4,350.50	1,476.96	2,873.54	†3,060.03	183	166	24 1-2 RR
1928...	*6,724.00	1,807.03	4,916.97	3,633.30	206	179	22 1-2 RR
1929...	7,740.42	1,257.17	6,483.25	†7,178.76	206	183	27 9-10 RR
1930...	*8,632.38	1,363.70	7,268.68	6,836.01	257	232	33 9-10 RR
1931...	*3,643.71	1,186.34	2,457.37	†3,063.53	231	203	32 1-2 RR
1932...	2,792.58	614.65	†2,177.93	None	214		
1933...	3,830.00	2,602.78	1,227.22	1,040.78	227	210	35 1-5 of one way RR

*Receipts include: 1926—Gifts, \$102.00; 1927—Gifts, \$7.50; 1928—Gifts, \$35.00; 1930—Uncashed check, '29, \$8.06; 1931—Uncashed check, '30, \$4.00.

†Borrowed from the N.C.A.A. Track and Field Sinking Fund: 1925—\$832.06, paid back in 1928; 1927—\$186.49, paid back in 1928; 1929—\$695.51; 1931—\$606.16.

‡By order of President Charles Kennedy and the Executive Committee, the Net Receipts in 1932 were donated to the American Olympic Fund.

All unexpended balances have been turned over to F. W. Nicolson, Secretary-Treasurer of the National Collegiate Athletic Association, to be put in a Track and Field Sinking Fund.

The crowd got a great thrill out of the various ceremonies and a lot of attention was given to keeping the spectators informed as to the team standings, which proved interesting right to the end of the meet. The officials were again asked to stay off the track and this met with the approval of the crowd.

Innovations of this kind, many of them tried for the first time at these two meets, should start a new era of track interest. It will add so much to the enjoyment of the spectators in that they see each event as it happens, know who is competing, and are able to find out the result almost immediately.

The writer has had experience with many large track meets, but for the first time in his career received a large number of telephone calls and fan letters from people who were so delighted with the meet that they took the trouble to call or write expressing their pleasure.

In conducting a meet in this fashion it was found necessary to have a corps of assistants for the Announcer, who could immediately secure, after each event was run off, the competitor's name, number, school, and time or distance. Two roving assistants picked up interesting information as it happened and rushed it to the Announcer. We found that when a man had just completed what looked like a record breaking performance, the crowd would think of little else until they knew the exact result definitely.

We were careful to use as many mechanical devices as possible to inform the spectators what the height of the pole vault was, length of the broad jump, and by placing flags of the schools where the various field events were thrown, they could tell at a glance who was ahead.

It has been the writer's opinion that the crowd is interested only in action, that they do not care to see a man spend a lot of time taking off his sweat clothes and warming up, but desire to see only what he does in actual competition. We try not to wear out our audience by having them witness the necessary details of the track meet, but instead concentrate their attention on the things that are most interesting.

Knowing the impatience of the average American sport spectator, we tried to speed up decisions of the Judges after a race. Instead of having a long drawn out argument in a huddle over the time, each Timer wrote his computations on a slip of paper and handed it to the Head Timer. We found that where we could not give the results in a few moments the crowd became impatient.

The Announcer must be a dictator in a meet of this type. He must, of course, have vigorous assistance from the Clerk of the Course and his assistants. We found that where one man was responsible for the starting of each event and getting things under way, we could co-ordinate all the events and make things move smoothly.

We probably have not yet devised the best method of conducting a meet, but believe that each year it can be improved. We had the hearty co-operation of every coach and athlete, and it made the running off of these two great meets a distinct pleasure. This writer feels confident that the plan will increase attendance by bringing enjoyment to the individual who knows little about track and field meets, and will add him to our growing roster of sport fans.

NATIONAL AND SECTIONAL MEETS

N.C.A.A. 12th Championship Track and Field Meet

Held at Soldier Field, Chicago, June 16-17, 1933.

100 yds.—1, Metcalfe(Marquette); 2, Starr(Ore); 3, Johnson(IIIStNor); 4, Ball(SoCalif); 5, Parsons(SoCalif); 6, Hellmich(III)	9.4s
220 yds.—1, Metcalfe(Marquette); 2, Johnson(IIIStNor); 3, Starr(Ore); 4, Parsons(SoCalif); 5, Fuqua(Ind); 6, Swisher, Pittsburg(Kan)Tchrs	20.4s
440 yds.—1, Hardin(LaSt); 2, Fuqua(Ind); 3, Ablowich(SoCalif); 4, Dean(Ia); 5, Ward(Okla); 6, Tompkins(SoCalif)	1m.20.4s
880 yds.—1, Hornbostel(Ind); 2, Cunningham(Kan); 3, Simmons(AbileneChris); 4, Webster(SoCalif); 5, Turner(Mich); 6, Labertew(IaSt)	4m.47.1s
1 mile—1, Cunningham(Kan); 2, Hutton(IIIStNor); 3, Sears(Butler); 4, Howell(Mich); 5, Woolsley(III); 6, Hornbostel(Ind)	4m.50.9s
2 miles—1, Pilbrow(Grinnell); 2, Watson(Ind); 3, Harvey(ColoAgri); 4, McCluskey(Fordham); 5, Freestad(NeDakStTchrs); 6, Smith, Pittsburg(Kan)Tchrs	9m.22.8s
120 yds. hurdles—1, Meier(Stanford); 2, Moreau(LaSt); 3, Elgeston(Mich); 4, Bacon(Denison); 5, Casper(TexChris); 6, Bracken(Wash)	14.2s
220 yds. hurdles—1, Hardin(LaSt); 2, Lambertus(Neb); 3, Paul(SoCalif); 4, Meier(Stanford); 5, Bacon(Denison); 6, Moreau(LaSt)	22.9s
High jump—1, McNaughton(SoCalif) and Murphy(NotreDame), tie; 3, Watkins(AbileneChris), Ward(Mich), Richey(AlaPoly), Spencer(Geneva) and Jameson(Colo), tie	6ft.4in
Broad jump—1, Brooks(Chicago); 2, Gray(Neb); 3, Dreusicke(Elmhurst); 4, Kepner(Wichita); 5, Adams(RiceInst); 6, Ward(Okla)	24ft.4.3in
Pole vault—1, Gordy(LaSt) and Graber(SoCalif), tie; 3, Lenington(III) and Wonsowitz(OhioState), tie; 5, Schram(Marquette), Lovshin(Wis), Zimmerman(Tulane), Holcomb(MichState), Lowry(MichNor), Roark(Marquette) and Miller(Stanford), tie	13ft.11-1.16in
16-lb. shot—1, Torrance(LaSt); 2, Harper(SoCalif); 3, Dues(CollDetroit); 4, Dees(Kan); 5, Laborde(Stanford); 6, Irwin(TexA&M)	52ft.10in
16-lb. hammer—1, Cox(Mich); 2, Cruikshank(ColoAgri); 3, Biddinger(Ind); 4, Miller(WVa); 5, Somfeld(Pomona); 6, Johnson(OhioState)	156ft.3-4in
Discus—1, Laborde(Stanford); 2, White(PittsburgTchrs); 3, Torrance(LaSt); 4, Petty(Rice); 5, Busbee(Ind); 6, Irwin(TexA&M)	163ft.3.3-4in
Javelin—1, Purvis(Purdue); 2, Sample(Arizona); 3, Demaris(Ore); 4, Blair(LaSt); 5, Beggs(Geneva); 6, Williamson(SoCalif)	216ft.5-1.2in
Points Scored—Louisiana 58, SouthernCalifornia 54, Indiana 37, Stanford 26.3-7, Michigan 24.3-5, Kansas 22, Ill.StateNormal 22, Marquette 20.6-7, Oregon 20, Nebraska 16, ColoradoAgricultural 14, Chicago 10, Pittsburg(Kan)Teachers 10, Grinnell 10, Purdue 10, NotreDame 9, AbileneChristian 8.3-5, Illinois 8, Arizona 8, Denison 6, OhioState 6, CollegeCityofDetroit 6, Butler 6, Rice 6, Elmhurst 6, GenevaCalif. 4.3-5, Iowa 4, West Virginia 4, Wichita 4, Fordham 4, Oklahoma 3, Colorado 2.3-5, AlabamaPoly 2.3-5, Texas A&M 2, TexasChristian 2, Pomona 2, Ne.DakotaTeachers 2, IowaState 1, Washington 1, Wisconsin 3-7, MichiganState 3-7, MichiganNormal 3-7, Tulane 3-7.	
BEST RECORDS MADE IN N.C.A.A. CHAMPIONSHIP MEETS.	
100 yds.—G. S. Simpson, Ohio State, June 8, 1929; Frank Wykoff, Southern California, June 7, 1930; Ralph Metcalfe, Marquette, June 17, 1933	9.4s
220 yds.—Ralph Metcalfe, Marquette, June 17, 1933	20.4s
440 yds.—Glenn Hardin, Louisiana State, June 17, 1933	1m.20.4s
880 yds.—Charles Hornbostel, Indiana, June 17, 1933	4m.47.1s
1 mile—Glenn Cunningham, Kansas, June 17, 1933	4m.50.9s
2 miles—Charles Shugert, Miami, June 11, 1932	9m.16.7s
120 yds. hurdles—George Saling, Iowa, June 11, 1932	14.1s
220 yds. hurdles—Jack Keller, Ohio State, June 11, 1932	22.7s
High jump—W. C. Haggard, Univ. of Texas, June 12, 1929	6ft.7.1in
Broad jump—DeHart Hubbard, Michigan, June 13, 1925	25ft.10.7-8in
Pole vault—Matt Gordy, Louisiana State, June 17, 1933; William Graber, Southern California, June 17, 1933	13ft.11-1.16in
16-lb. shot—Jack Torrance, Louisiana State, June 17, 1933	52ft.10in
16-lb. hammer—B. D. Tootell, Bowdoin, June 16, 1923	175ft.1in
Discus—H. J. Laborde, Stanford, June 17, 1933	163ft.3.3-4in
Javelin—Lee Bartlett, Albion, June 9, 1928	216ft.7in



Front row—Holderman, Wilkerson, Gordy, Bowman, Scarborough, Boughton, Stockwell. Back row—Gourrier, Mgr.; Blair, Oneal, Moreau, Fisher, Torrance, Hardin, Sanders, Stewart, Leheman, Moore, Coach.

LOUISIANA STATE UNIVERSITY—N.C.A.A. CHAMPIONS, 1933.

I.C.A.A.A. 57th Track and Field Championship Meeting

Held at Cambridge, Mass., May 26-27, 1933

100 mtrs.—1, Hardy (Cornell); 2, Ball (SoCalif) and Parson (SoCalif); 4, Maskrey (Pennsylvania); 5, Johnson (Princeton).....	10.8s
200 mtrs.—1, Jones (Pennsylvania); 2, Kane (Cornell); 3, Parsons (SoCalif); 4, Calvin (Harvard); 5, Heyman (CCNY).....	21.3s
400 mtrs.—1, LuValle (UCLA); 2, Jones (Pennsylvania); 3, Warner (Yale); 4, Ablowich (SoCalif); 5, Tompkins (SoCalif).....	46.9s
800 mtrs.—1, Bonthron (Princeton); 2, Dunaway (PennState); 3, Pongrace (MichState); 4, Eastman (Stanford); 5, Keller (Pittsburgh).....	1m.53.5s
1500 mtrs.—1, Bonthron (Princeton); 2, Mangan (Cornell); 3, Crowley (Manhattan); 4, Nordell (NYU); 5, Vipond (Cornell).....	3m.54s
3000 mtrs.—1, Ryan (Manhattan); 2, McCluskey (Fordham); 3, Barker (NYU); 4, Finch (Cornell); 5, Grodman (NYU).....	8m.36.4s
110 mtrs. hurdles—1, Lyon (SoCalif); 2, Meier (Stanford); 3, Bath (MichState); 4, Lockwood (Yale); 5, Welsh (SoCalif).....	14.8s
200 mtrs. hurdles—1, Herbert (Stanford); 2, Paul (SoCalif); 3, Meier (Stanford); 4, Pierson (Yale); 5, Grady (Harvard).....	23.4s
High jump—1, Spitz (NYU); 2, Van Osdell (SoCalif); 3, Brown (Yale); 4, Woodbury (Dartmouth), McNaughton (SoCalif) and Pitkin (Columbia), tie.....	6ft.6 $\frac{1}{4}$ in
Broad jump—1, Little (W&M); 2, Paul (SoCalif); 3, Adams (Bowdoin); 4, Gilbert (SoCalif); 5, Calvin (Harvard).....	24ft.4 $\frac{1}{4}$ in
Pole vault—1, Jefferson (UCLA), Miller and Deacon (Stanford), Graber (SoCalif) and Brown (Yale), tie.....	13ft.6in
16-lb. shot—1, Lyman (Stanford); 2, Dunn (Stanford); 3, Harper (SoCalif); 4, Gray (Stanford); 5, Dean (Harvard).....	52ft.8 1-2in
16-lb. hammer—1, Zaremba (NYU); 2, Favor (Maine); 3, Malin (Yale); 4, Moosliszewski (RIState); 5, Dreyer (RIState).....	169ft.4in
Discus—1, Laborde (Stanford); 2, Dunn (Stanford); 3, Dean (Harvard); 4, Gray (Stanford); 5, Healey (Harvard).....	162ft.10 1-2in
Javelin—1, Odell (Manhattan); 2, Williamson (SoCalif); 3, McKenzie (SoCalif); 4, Wertz (Colgate); 5, Bralley (W&M).....	205ft.1-2in
Points Scored—Southern California 47, Stanford 42, Cornell 16, New York Univ. 16, Yale 16, Manhattan 13, Pennsylvania 11, Princeton 11, Harvard 9, U.C.L.A. 8, William and Mary 6, Michigan State 6, Fordham 4, Maine 4, Penn State 4, Bowdoin 3, Rhode Island State 3, Colgate 2, City College of New York 1, Columbia 1, Dartmouth 1, Pittsburgh 1.	

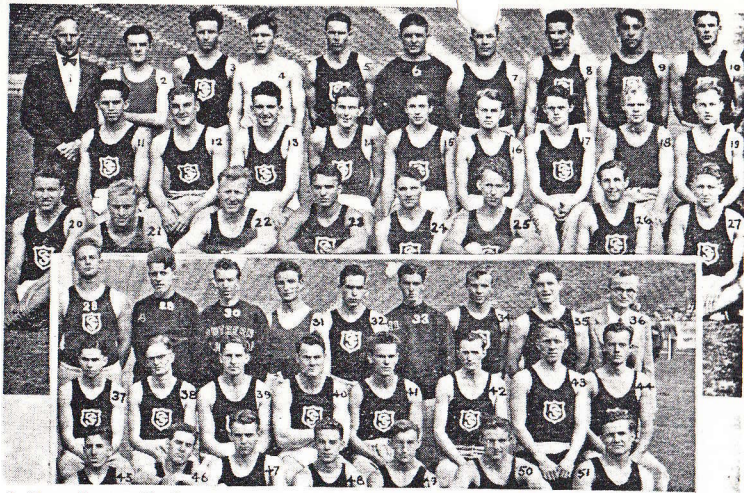
I.C.A.A.A. 12th Annual Indoor Championship Meeting

Held at 258th Field Artillery Armory, New York City, March 4, 1933.

70 yds.—1, Bell (MIT); 2, Kelly (Georgetown); 3, Hardy (Cornell); 4, Kunitzky (NYU); 5, Maskrey (Pennsylvania).....	7s
1 mile—1, Crowley (Manhattan); 2, Mangan (Cornell); 3, Nordell (NYU); 4, Thompson (Manhattan); 5, Streeter (Syracuse).....	4m.15.6s
2 miles—1, McCluskey (Fordham); 2, Ryan (Manhattan); 3, Barker (NYU); 4, Foote (Harvard); 5, Lepreau (Dartmouth).....	9m.16.2s
70 yds. hurdles—1, Lockwood (Yale); 2, Pessoni (Manhattan); 3, Hayes (Harvard); 4, Okie (Princeton); 5, Chapman (Dartmouth).....	8.8s
High jump—1, Pitkin (Columbia), Brown (Yale) and Spitz (NYU), tie; 4, Klemm (Pennsylvania); 5, Woodbury (Dartmouth).....	6ft.2 3-4in
Broad jump—1, Spitz (NYU); 2, Rose (Yale); 3, Little (W&M); 4, Phillipson (Syracuse); 5, Krosney (NYU).....	22ft.4 1-4in
Pole vault—1, Thompson (Yale) and Brown (Yale), tie; 3, Pierce (Yale); 4, McWilliams (Princeton); 5, Curtis (Dartmouth) and Whitworth (Pennsylvania), tie.....	13ft.9 3-4in
16-lb. shot—1, Gilbane (Brown); 2, Couhig (Boston Coll); 3, Scheuer (NYU); 4, Niblock (Bowdoin); 5, Finkelstein (NYU).....	47ft.1-2in
35-lb. shot—1, Reznick (NYU); 2, Holcombe (Yale); 3, McDougal (Pennsylvania); 4, Kfidder (Harvard); 5, Zaremba (NYU).....	53ft.2 1-4in
1-mile relay—1, Pennsylvania (Edwards, Jones, Carr, Healey); 2, Harvard; 3, Manhattan; 4, Yale; 5, Holy Cross.....	3m.17s
2-mile relay—1, Princeton (Hopkins, Whitton, Johnston, Bonthron); 2, Columbia; 3, Manhattan; 4, Boston Coll.; 5, Yale.....	7m.46.2s
Points Scored—Yale 32, New York Univ. 28, Manhattan 21, Pennsylvania 11 1-2, Harvard 11, Princeton 9, Columbia 8, Cornell 7, Boston Coll. 6, Brown 5, Fordham 5, Massachusetts Institute of Technology 5, Georgetown 4, Syracuse 3 1-2, Dartmouth 3, William and Mary 3, Bowdoin 2, Holy Cross 1.	

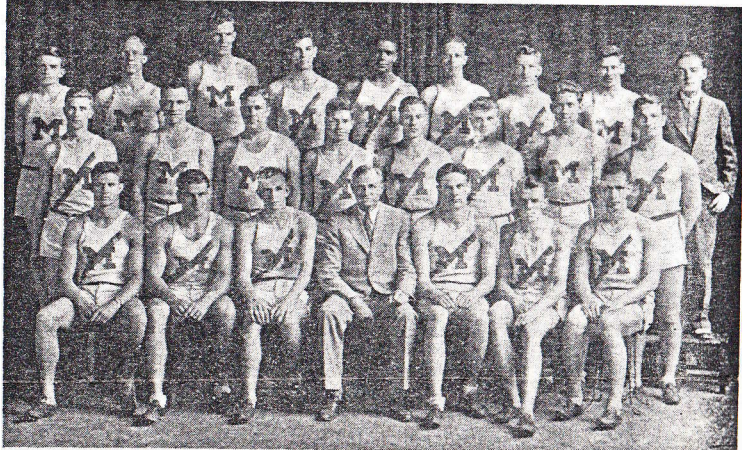
Western Conference 33rd Annual Outdoor Track and Field Meet

Held at Dyche Stadium, Evanston, Illinois, May 19-20, 1933.



1. Dean Cromwell, Coach; 2. Bonham; 3. Cutler; 4. Spiers; 5. N. McNeil; 6. Brown; 7. Williamson; 8. Osburne; 9. Chrissman; 10. Graber; 11. Saffell; 12. Reed; 13. Blewett; 14. Learned; 15. Winn; 16. Ashcraft; 17. Hall; 18. McFadden; 19. Johnson; 20. Wells; 21. Parsons; 22. Quinn; 23. Webster; 24. Koenig; 25. McKenzie; 26. Foore; 27. Jungkeit; 28. Strehlow; 29. Oswald; 30. Renick; 31. Guthrie; 32. Lyon; 33. Jones; 34. Fimple; 35. Paul; 36. Fraleigh, Mgr.; 37. Olsen; 38. Van Osdel; 39. Ablowich; 40. Bateman; 41. Tompkins; 42. Ball; 43. J. McNeill; 44. Cassin; 45. Benavidez; 46. Berry; 47. Carter; 48. Ramsey; 49. Van Landingham; 50. Hood; 51. Barnes.

UNIVERSITY OF SOUTHERN CALIFORNIA—I.C.A.A.A. CHAMPIONS.



Front row—Turner, Cox, DeBaker, Charles B. Hoyt, Coach; Ellerby, Hill, Braden. Row 2—Lemen, Thornburg, Dibble, W. Howell, Eggleston, Allen, Humphrey, Blumenfeld. Back row—Childs, Schell, Gilliland, Pantlind, Ward, Moasio, Kemp, R. Howell, Norris, Mgr. Rentschler, Photo.

UNIVERSITY OF MICHIGAN—WESTERN CONFERENCE CHAMPIONS.

- 100 yds.—1, Ward (Michigan); 2, Hellmich (Illinois); 3, Kemp (Michigan); 4, Thompton (Minnesota); 5, Stapf (Ohio State).....9.6s
 220 yds.—1, Fuqua (Indiana); 2, Hellmich (Illinois); 3, Kemp (Michigan); 4, Stapf (Ohio State); 5, Kennicott (Illinois).....21.5s
 440 yds.—1, Fuqua (Indiana); 2, McQueen (Purdue); 3, DeBaker (Michigan); 4, Ellerby (Michigan); 5, Teitlebaum (Ohio State).....54.2s
 880 yds.—1, Hornbostel (Indiana); 2, Turner (Michigan); 3, Crossman (Purdue); 4, Brown (Ohio State); 5, Lemen (Michigan).....1m.54.2s
 1 mile—1, Hornbostel (Indiana); 2, Howell (Michigan); 3, Popejoy (Purdue); 4, Bott (Iowa); 5, Woolsey (Illinois).....4m.21.5s
 2 miles—1, Watson (Indiana); 2, Woolsey (Illinois); 3, Hill (Michigan); 4, Howell (Michigan); 5, Currall (Minnesota).....9m.29.9s
 120 yds. hurdles—1, Keller (Ohio State); 2, Ward (Michigan); 3, Sandbach (Purdue); 4, Pantlind (Michigan); 5, Scheifler (Minnesota).....14.1s
 220 yds. hurdles—1, Keller (Ohio State); 2, Eggleston (Michigan); 3, DeBaker (Michigan); 4, Duggins (Northwestern); 5, Brooks (Chicago).....23.5s
 High jump—1, Ward (Michigan); 2, Olson (Northwestern); 3, Smith (Wisconsin) and Read (Northwestern), tie; 5, OrNSTEIN (Illinois) and Moasio (Michigan), tie. 6ft. 2.3-4in
 Broad jump—1, Brooks (Chicago); 2, Ward (Michigan); 3, Adams (Illinois); 4, Duggins (Northwestern); 5, Jones (Wisconsin).....24ft. 5.3-4in
 Pole vault—1, Lennington (Illinois), Seeley (Illinois) and Wonsowitz (Ohio State), tie; 4, Divich (Indiana) and Lovshin (Wisconsin), tie.....13ft. 6in
 16-lb. shot—1, Kamm (Illinois); 2, Cook (Illinois); 3, Neal (Ohio State); 4, Biddinger (Indiana); 5, Blumenfeld (Michigan).....47ft. 3.3-4in
 16-lb. hammer—1, Biddinger (Indiana); 2, Cox (Michigan); 3, Vornog (Iowa); 4, Johnson (Ohio State); 5, Kouba (Iowa).....161ft. 4in
 Discus—1, Busbee (Indiana); 2, Kamm (Illinois); 3, Holzhafer (Ohio State); 4, Schmelze (Northwestern); 5, Cummings (Illinois).....142ft. 11.3-4in
 Javelin—1, Purvis (Purdue); 2, Bruchten (Indiana); 3, Horn (Northwestern); 4, Smith (Ohio State); 5, Olson (Northwestern).....208ft. 5.1-4in
 1-mile relay—1, Indiana (Harpold, Bicking, Hornbostel, Fuqua); 2, Ohio State; 3, Michigan; 4, Illinois; 5, Purdue.....3m.20.2s
 Points Scored—Michigan 60 1-2, Indiana 47 1-2, Illinois 41 1-2, Ohio State 34, Purdue 19, Northwestern 16 1-2, Iowa 6, Chicago 6, Wisconsin 5, Minnesota 4.

Western Conference 23rd Annual Indoor Track and Field Meet

Held at University of Chicago Field House, March 10-11, 1933.

- 60 yds.—1, Bennett (Ohio); 2, Ward (Mich); 3, Stapf (Ohio); 4, Crouch (Ind).....6.2s
 440 yds.—1, Fuqua (Ind); 2, DeBaker (Mich); 3, Harpold (Ind); 4, Duggins (NW).....50.2s
 880 yds.—1, Hornbostel (Ind); 2, Turner (Mich); 3, Sears (Purdue); 4, Braden (Mich).....1m.53.9s
 1 mile—1, Woolsey (Ill); 2, Hornbostel (Ind); 3, Howell (Mich); 4, Popejoy (Purdue).....4m.15.2s
 2 miles—1, Watson (Ind); 2, Neese (Ind); 3, Wright (Wis); 4, Currall (Minn).....9m.26.1s
 70 yds. high hurdles—1, Keller (Ohio); 2, Eggleston (Mich); 3, Pantlind (Mich); 4, Hayden (Chicago).....14.1s
 High jump—1, Ward (Mich); 2, Olson (NW); 3, Read (NW), Jolley (Minn) and Moasio (Mich), tie.....8.6s
 Pole vault—1, Lennington (Ill); 2, Seeley (Ill); 3, Divich (Ind); 4, Lovshin (Wis).....6ft. 4in
 16-lb. shot—1, Cook (Ill); 2, Busbee (Ind); 3, Kamm (Ill); 4, Biddinger (Ind).....13ft. 10in
 1-mile relay—1, Michigan (Ellerby, Lemen, DeBaker, Allen); 2, Iowa; 3, Indiana; 4, Ohio State.....4m.20.2s
 Points Scored—Indiana 32, Michigan 28, Illinois 20, Ohio State 13, Northwestern 5, Iowa 3, Purdue 3, Wisconsin 3, Minnesota 2, Chicago 1.



Front row—Henry F. Schulte, Coach; Charles Morrill, Asst. Coach; Blaser, Jones, Lambertus, Dohrmann. Row 2—Chambers, Floyd Bottorff, Trainer; Harold Petz, Asst. Coach; Ed. Weir, Asst. Coach; Story, Booth. Row 3—Ayres, Mead, White, Skewes, Roberts. Back row—Sauer, Toman, Funk, McLaughlin.

UNIVERSITY OF NEBRASKA—BIG SIX CONFERENCE CHAMPIONS.



Front row—Jackson, Loud, Canning, Converse, Young, Barrett, Turley. Row 2—Combs, Moore, Walsh, Warner, Crowley, Capt.; Lockwood, Sutherland, Brown, Thompson. Row 3—McKenzie, Pierce, Holcombe, Rose, Laird, Keesling, Smith. Back row—Caldwell, Mgr.; Dunbar, Minor, Malin, Hamilton, Pierson, Frank Kanaly, Coach.

YALE UNIVERSITY—I.C.A.A.A. INDOOR CHAMPIONS.

Southern Conference Track and Field Meet

Held at Duke University, May 19-20, 1933.

- 100 yds.—1, Lynn (Clemson); 2, Brownlee (Duke); 3, Widmyer (Maryland); 4, Childers (North Carolina); 5, Gunter (North Carolina)..... 9.8s
- 220 yds.—1, Brownlee (Duke); 2, Lynn (Clemson); 3, Childers (North Carolina); 4, Sackett (Virginia); 5, Gunter (North Carolina)..... 21.2s
- 440 yds.—1, Wellford (VMI); 2, Fulmer (Duke); 3, Evans (Maryland); 4, Hazel (W&L); 5, Moore (Virginia)..... 48.2s
- 880 yds.—1, Bradsher (Duke); 2, Williamson (North Carolina); 3, Grimsley (VPI); 4, Nitschke (Duke); 5, Crist (Duke)..... 1m.56s
- 1 mile—1, Lewis (Duke); 2, Lauck (Virginia); 3, McRae (North Carolina); 4, Heritage (Duke); 5, Askin (Maryland)..... 4m.15.7s
- 2 miles—1, R. Hubbard (North Carolina); 2, Dunaj (W&L); 3, Lauck (Virginia); 4, L. Sullivan (North Carolina); 5, Bray (Duke)..... 9m.46.4s
- 120 yds. hurdles—1, Abernethy (North Carolina); 2, Antrim (Virginia); 3, Hawthorne (North Carolina); 4, Glenn (North Carolina); 5, Smith (South Carolina)..... 15s
- 220 yds. hurdles—1, Brownlee (Duke); 2, Everett (Virginia); 3, Abernethy (North Carolina); 4, Smith (South Carolina); 5, Hawthorne (North Carolina)..... 23.8s
- High jump—1, Turner (VPI); 2, Reid (North Carolina); Johnson (Virginia), Rivers (W&L) and Jenkins (Maryland), tie..... 4ft. 2.3.8in
- Broad jump—1, Fulmer (Duke); 2, Higby (North Carolina); 3, C. Hubbard (North Carolina); 4, Everett (Virginia); 5, Childers (North Carolina)..... 6ft. 11in
- 16-lb shot—1, Coles (Virginia); 2, Craig (South Carolina); 3, Gentry (Virginia); 4, Rex (North Carolina State); 5, Mullis (North Carolina)..... 22ft. 11.1.2in
- Pole vault—1, Smith (North Carolina) and Curry (Clemson), tie..... 47ft. 2.3.8in
- (Duke) and Eddy (VPI), tie..... 12ft
- Discus—1, Mullis (North Carolina); 2, Craig (South Carolina); 3, Coles (Virginia); 4, Andrews (Duke); 5, Lewis (Duke)..... 136ft. 4.1.2in
- Javelin—1, LeGore (North Carolina); 2, Blackwell (Clemson); 3, Armfield (North Carolina); 4, Thomkins (Virginia); 5, Ripley (Duke)..... 193ft. 8.1.4in
- 1 mile relay—1, Duke (Bradsher, Reichman, Brownlee, Fulmer); 2, Virginia Military Institute; 3, Maryland; 4, North Carolina..... 3m.18.8s
- Points Scored—North Carolina 66, Duke 52, Virginia 35 1-2, Clemson 17 1-2, Maryland 12 1-2, South Carolina 11, Virginia Polytechnic Inst. 10, Virginia Military Inst. 9, Washington and Lee 8 1-2, North Carolina State 2.



Front row—Smith, Jackson, Childers, Stafford, R. Hubbard, Hawthorne, C. Hubbard, L. Sullivan. Row 2—Reid, Hodges, Hamlet, Abernethy, Fox, Gunter, Williamson, Armfield. Back row—Zaglin, Mgr.: Chandler, McRae, Cordee, Higby, LeGore, Ranson, Asst. Coach; R. A. Fetzer, Coach.

UNIVERSITY OF NORTH CAROLINA—SOUTHERN CONFERENCE CHAMPIONS.

Southern Conference Fourth Annual Indoor Games

Held at the University of North Carolina, Chapel Hill, March 4, 1933.

60 yds.—1, Widmyer(Md); 2, Tarrell(Duke); 3, Brownlee(Duke); 4, Reasor(W&L) 6.5s
440 yds.—1, Reichman(Duke); 2, Rutschow(VMI); 3, Moore(VPI); 4, Wellford(VMI) 54.1s
880 yds.—1, Bradsher(Duke); 2, Cary(Va); 3, Williamson(NC); 4, Dudley(Va) .2m.1.8s
1 mile—1, Lauck(Va); 2, Lewis(Duke); 3, Cordle(NC); 4, Heritage(Duke) .4m.26.4s
2 miles—1, Lauck(Va); 2, Byrd(Duke); 3, L.Sullivan(NC); 4, Burruss(VMI) .10m.7.7s
70 yds. high hurdles—1, Finkelstein(W&L); 2, Everett(Va); 3, Abernethy(NC); 4, Moore(NC) 8.9s
70 yds. low hurdles—1, Brownlee(Duke); 2, Abernethy(NC); 3, Everett(Va); 4, McDonald(Va) 7.8s
High jump—1, Turner(VPI); 2, Johnson(Va); 3, Reid(NC), Craig(SC), tie; 5, Cook(W&L) and Whiton(W&L), tie 6ft.
Broad jump—1, Fulmore(Duke); 2, Childers(NC); 3, Everett(Va); 4, Higby(NC) 29ft.3in
Pole vault—1, Smith(NC); 2, Wylie(Va); 3, Carman(Duke) and Ripley(Duke), tie 12ft.4 1/4in
16-lb. shot—1, Coles(Va); 2, Rex(NCSt); 3, Stevens(Duke); 4, Gentry(Va) .46ft.1.4in
1-mile relay—1, Duke (Crist, Reichman, Brownlee, Fulmer); 2, Washington and Lee; 3, Virginia Military Inst.; 4, North Carolina 3m.36.2s

Southeastern Conference Track and Field Meet

Held at Legion Field, Birmingham, Ala., May 19-20, 1933.

100 yds.—1, Dupree(Auburn); 2, Herrick(Florida); 3, Galloway(GaTech); 4, Neugass(Tulane); 5, Lobdell(LSU) 14.9s
220 yds.—1, Dupree(Auburn); 2, Burge(LSU); 3, Galloway(GaTech); 4, Herrick(Florida); 5, Neugass(Tulane) 21.7s
440 yds.—1, Hardin(LSU); 2, O'Neal(LSU); 3, Burge(LSU); 4, Henderson(Auburn); 5, Jones(Florida) 47.3s
880 yds.—1, Wolfe(Tennessee); 2, O'Neal(LSU); 3, Samuels(Vanderbilt); 4, Davenport(GaTech); 5, Davis(MissState) 1m.56.5s
1 mile—1, Stout(Tennessee); 2, Sanders(LSU); 3, Pike(Auburn); 4, Lehman(LSU); 5, Galt(Auburn) 4m.22.7s
2 miles—1, McQueen(Auburn); 2, Funchess(Auburn); 3, Woodall(Tennessee); 4, Baker(Kentucky); 5, Cheshire(Vanderbilt) 9m.51.6s
120 yds. hurdles—1, Moreau(LSU); 2, Fisher(LSU); 3, Parrish(Kentucky); 4, Richey(Auburn); 5, Carson(Tulane) 14.5s
220 yds. hurdles—1, Hardin(LSU); 2, Richey(Auburn); 3, Moreau(LSU); 4, Lipe(Alabama); 5, Parrish(Kentucky) 23.3s
High jump—1, David(Georgia); 2, Richey(Auburn); 3, Fisher(LSU), Baker(Alabama), Anderson(Auburn) and Harvey(Florida), tie 6ft.3in
Broad jump—1, Batchelor(Georgia); 2, Sullivan(LSU); 3, Lipe(Alabama); 4, Herbert(Tulane); 5, Ratelle(LSU) 22ft.7 1/2in
Pole vault—1, Zimmerman(Tulane), Riegel(Alabama) and Gordy(LSU), tie 13ft.3 1/8in
16-lb. shot—1, Torrance(LSU); 2, Batchelor(Georgia); 3, Jenkins(Florida); 4, Heber(Tulane); 5, Baswell(Alabama) 49ft.5 3/8in
Discus—1, Torrance(LSU); 2, Jenkins(Florida); 3, Batchelor(Georgia); 4, Payne(Tulane); 5, Rafferty(MissState) 149ft.1.2in
Javelin—1, Batchelor(Georgia); 2, Blair(LSU); 3, Lackey(GaTech); 4, Bruno(Georgia); 5, Simons(Tulane) 203ft.10.2in
1-mile relay—1, Louisiana State Univ.; 2, Auburn; 3, Alabama; 4, Tennessee; 5, Georgia 3m.21.6s

Points Scored—Louisiana State Univ. 73 1-2, Auburn 41 1-2, Georgia 26, Alabama 15 1-2, Florida 15 1-2, Tennessee 15, Tulane 15, Georgia Tech 11, Kentucky 6, Vanderbilt 4, Mississippi State 2.

Central Intercollegiate Outdoor Track and Field Meet

Eighth Annual Meet, held at Marquette Stadium, Milwaukee, Wis., June 2, 1933.

100 yds.—1, Metcalfe(Marquette); 2, Tierney(Marquette); 3, Swisher(PittsburgTchrs); 4, Murphy(NotreDame) 9.5s
220 yds.—1, Metcalfe(Marquette); 2, Tierney(Marquette); 3, Swisher(PittsburgTchrs); 4, Murphy(NotreDame) 21.2s
440 yds.—1, Davis(PittsburgTchrs); 2, Mullins(WestStTchrs); 3, Terwilliger(PittsburgTchrs); 4, Hoff(MichState) 47.8s
880 yds.—1, Brown(PittsburgTchrs); 2, Pongrace(MichState); 3, Roberts(NotreDame); 4, Kahler(MichNor) 1m.54.1s
1 mile—1, Sears(Butler); 2, Hutton(IllNor); 3, Smith(PittsburgTchrs); 4, King(Notre Dame) 4m.14.1s
2 miles—1, Pibrow(Grinnell); 2, Crumme(Wisconsin); 3, Hammer(MichState); 4, O'Neil(Marquette) 9m.24.2s
120 yds. hurdles—1, Clark(Wisconsin); 2, Roden(Wisconsin); 3, Liberty(MichState); 4, Hayden(Chicago) 15.1s
220 yds. hurdles—1, Liberty(MichState); 2, Duggins(Northwestern); 3, Roden(Wisconsin); 4, Clark(Wisconsin) 24.5s
High jump—1, Stambach(PittsburgTchrs); 2, Murphy(NotreDame); 3, Roberts(Chicago) and Wittig(OshkoshTchrs), tie 6ft.5in
Broad jump—1, Brooks(Chicago); 2, White(PittsburgTchrs); 3, Conley(NotreDame); 4, Gough(NotreDame) 23ft.4 1/4in
Pole vault—1, Lowry(MichNor); 2, McKinley(MichNor); 3, Lovshin(Wisconsin), Schram(Marquette) and Holcomb(MichState), tie 13ft.6 3/4in
16-lb. shot—1, Davis(Hillsdale); 2, Russell(PittsburgTchrs); 3, Ronzani(Marquette); 4, Meinhover(NorthDakota) 47ft.4 1/2in
Discus—1, Meinlover(NorthDakota); 2, White(PittsburgTchrs); 3, Rotter(Wisconsin); 4, Vogel(Lawrence) 143ft.7 1/4in
Javelin—1, Lorch(WestState); 2, Ronzani(Marquette); 3, Beaumont(MichState); 4, Horne(Northwestern) 191ft.6in
880 yds. relay—1, Marquette (Tierney, Dzwinel, Crider, Metcalfe); 2, Notre Dame; 3, Michigan State; 4, Pittsburg Tchrs. 1m.27.4s
1-mile relay—1, Pittsburg Tchrs (German Swisher, Terwilliger, Davis); 2, Notre Dame; 3, Michigan State; 4, Wisconsin 3m.10.6s

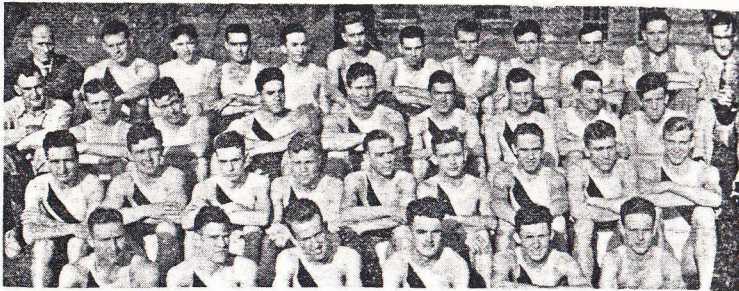
Points Scored—Pittsburg (Kan) Tchrs 38, Marquette 28, Michigan State 20, Wisconsin 18, Notre Dame 17, Michigan Nor. 9, Western State Tchrs. 8, Chicago 7 1-2, North Dakota 6, Butler 5, Grinnell 5, Hillsdale 5, Northwestern 4, Illinois State Nor. 3, Oshkosh Tchrs. 1 1-2, Lawrence 1.

Central Intercollegiate Indoor Track and Field Meet

Held at South Bend, Ind., March 10-11, 1933.

60 yds.—1, Metcalfe(Marquette); 2, Schatte(MichNor); 3, Coletti(Loyola); 4, Murphy(NotreDame) 6.1s
440 yds.—1, Mullins(WestStTchrs); 2, Keast(MichState); 3, Tierney(Marquette); 4, Keller(Pittsburgh) 50.8s
880 yds.—1, Sears(Butler); 2, Sademan(Armour); 3, Pongrace(MichState); 4, Roberts(NotreDame) 1m.58.4s
1 mile—1, Swartz(WestStTchrs); 2, Hurd(MichState); 3, Zepp(MichNor); 4, O'Neil(Marquette) 4m.21.1s
2 miles—1, Zepp(MichNor); 2, Ottey(MichState); 3, Geissman(Marquette); 4, Young(NotreDame) 9m.35.3s
60 yds. high hurdles—1, Bath(MichState); 2, Liberty(MichState); 3, Beatty(MichNor); 4, Simmons(MichNor) 7.8s
60 yds. low hurdles—1, Beatty(MichNor); 2, Simmons(MichNor); 3, Bath(MichState); 4, Liberty(MichState) 7.3s
High jump—1, Murphy(NotreDame); 2, Glickert(MichNor) and Cosgrave(Butler), tie; 4, Halter, Mallard(WestStTchrs) and Kleinheskel(MichState), tie 6ft.4 5/8in
Pole vault—1, McKinley and Lowry(MichNor); 3, Hoicomb(Mich State), Schram and Roark(Marquette) 13ft
16-lb. shot—1, Dues(DetroitCC); 2, Davis(Hillsdale); 3, Trost(Marquette); 4, Finkel(NotreDame) 48ft.7 1/2in
1-mile relay—1, Michigan State; 2, Pittsburgh; 3, Notre Dame; 4, Western State Tchrs.

Points Scored—Michigan Nor. 31 1-2, Michigan State 28 1-3, Marquette 14, Western State Tchrs. 11 2-3, Notre Dame 11, Butler 7 1-2, College of the City of Detroit 5, Pittsburgh 4, Hillsdale 3, Armour Tech. 3, Loyola of Chicago 2.



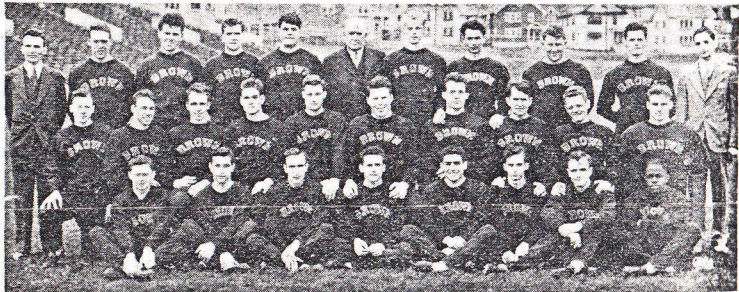
Front row—Allman, Schlansker, Woolsey, Lenington, Capt.; Jones, Baughman. Row 2—Adams, LaRoi, Knight, Kennicott, Line, Dufresne, West, Seely, Hellmich. Row 3—C. D. Werner, Asst. Coach; Raddatz, Renard, Kamm, Cummings, Carroll, Christiansen, Barth, Capoot. Back row—H. E. Gill, Coach; Cook, Ruhnow, Swann, Melody, Danielson, Eckert, Prentiss, Ornstein, Fordham, D. M. Bullock, Trainer; L. W. Telleen, Mgr. Strauch, Photo.

UNIVERSITY OF ILLINOIS TRACK TEAM.



Front row—German, Bell, Davis, Brown, Smith, O'Reilly. Row 2—Swisher, Wilhelm Tingley, Kirby, Stambach, Weede, Coach. Back row—Towner, Salathiel, Terwilliger, Russell, White, Courtney.

PITTSBURG (KAN.) TEACHERS—CENTRAL CONFERENCE CHAMPIONS.



Front row—Spector, Drury, Hiorns, Falciglia, Buonanno, Hotaling, Peterson, Maybew. Row 2—Moore, Stiles, Lewis, Rowell, R. K. Brown, Gilbane, Capt.; L. C. Brown, Dickey, Mitchell, Groce. Back row—Pierce, Mgr.; Hull, Sainonsen, Arnold, Danosi, J. Fred Powers, Coach; Rogers, Spinney, Hay, Sedgwick, Lowenthal, Asst. Mgr. Rice, Photo.

BROWN UNIVERSITY TRACK TEAM.

Big Six Conference Track and Field Meet

Held at Lincoln, Neb., May 20-21, 1933.

100 yds.—1, Hall(Kansas); 2, Lambertus(Nebraska); 3, Cox(Oklahoma); 4, Lee (Nebraska); 5, Cooley(Missouri).....	9.8s
220 yds.—1, Hall(Kansas); 2, Lee(Nebraska); 3, Roby(Nebraska); 4, Ward(Oklahoma); 5, Cox(Oklahoma).....	21.7s
440 yds.—1, Ward(Oklahoma); 2, Cooper(Missouri); 3, Scott(IowaState); 4, Henderson (IowaState); 5, Moore(Oklahoma).....	48.9s
880 yds.—1, Cunningham(Kansas); 2, Labertew(IowaState); 3, Guse(IowaState); 4, Hostettler and McNeal(KanState), tie.....	1m.52.2s
1 mile—1, Cunningham(Kansas); 2, Landon(KanState); 3, Chapman(IowaState); 4, Funk(Nebraska); 5, McNeal(KanState).....	4m.13.4s
2 miles—1, Cunningham(Kansas); 2, Landon(KanState); 3, Story(Nebraska); 4, Blaser (Nebraska); 5, Pearce(KanState).....	9m.48.8s
120 yds. hurdles—1, Flick(Kansas); 2, Dohrmann(Nebraska); 3, Breen(KanState); 4, Plumley(Kansas); 5, Teter(Missouri).....	15.4s
220 yds. hurdles—1, Plumley(Kansas); 2, Flick(Kansas); 3, Breen(KanState); 4, Knappenberger(KanState); 5, Spring(KanState).....	24.7s
High jump—1, Newblock(Oklahoma); 2, Barham(Oklahoma); 3, Toman(Nebraska) and Roehman(KanState), tie; 5, Harrington(Kansas), Dumm(Kansas) and Gray (Nebraska), tie.....	6ft.3 3/4in
Broad jump—1, Gray(Nebraska); 2, Lee(Nebraska); 3, Hall(Kansas); 4, Breen(Kan State); 5, Roby(Nebraska).....	24ft.7 3/4in
Pole vault—1, Gray(Kansas); 2, Roby(Nebraska); 3, Skewes(Nebraska) and Booth (KanState), tie; 5, Teter(Missouri), Beatty(Kansas), Rogers(Kansas) and Burk (Oklahoma), tie.....	12ft.6 3/4in
16-lb. shot—1, Dees(Kansas); 2, Gilles(Oklahoma); 3, Hubka(Nebraska); 4, Hoku (Nebraska); 5, Mead(Nebraska).....	47ft.7 1/2in
Discus—1, Skewes(Nebraska); 2, Gilles(Oklahoma); 3, Hoku(Nebraska); 4, Sauer (Nebraska); 5, Hubka(Nebraska).....	140ft.4in
Javelin—1, Hoku(Nebraska); 2, Chambers(Nebraska); 3, Ripper(IowaState); 4, Jones (Nebraska); 5, Marks(Oklahoma).....	194ft.1 1/2in
Relay—1, Kansas (Gay, Taylor, Graves, Hall); 2, Iowa State; 3, Missouri; 4, Kansas State.....	3m.19.9s
Points Scored—Nebraska 71 1-2, Kansas 60 1-6, Kansas State 31, Oklahoma 30 1-4, Iowa State 22, Missouri 9 1-4.	

Big Six Conference Indoor Meet

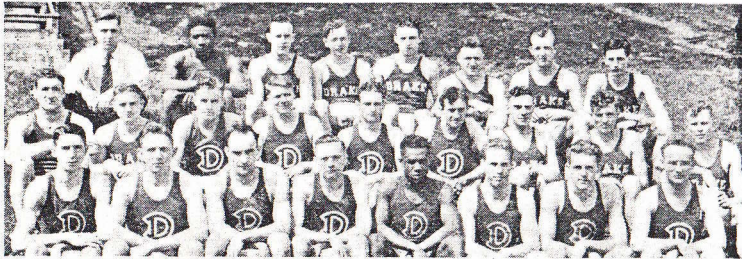
Held at Brewer Field House, Columbia, Mo., March 10-11, 1933.

60 yds.—1, Lambertus(N); 2, Hall(KU); 3, Lee(N); 4, Adkinson(O).....	6.4s
440 yds.—1, Ward(O); 2, Henderson(IS); 3, Moore(O); 4, Darnell(KS).....	52s
880 yds.—1, Moody(O); 2, Labertew(IS); 3, Guse(IS); 4, McNeal(KS).....	2m.1-10s
1 mile—1, Cunningham(KU); 2, Chapman(IS); 3, Storey(N); 4, McNeal(KS).....	4m.21.8s
2 miles—1, Landon(KS); 2, Pearce(KS); 3, Storey(N); 4, Eichelkraut(IS).....	9m.49s
60 yds. high hurdles—1, Flick (KU); 2, Dohrman (N); 3, Schmutz (KS); 4, Breen (KS).....	7.8s
60 yds. low hurdles—1, Lambertus (N); 2, Plumbley (KU); 3, Flick (KU); 4, Newblock (O).....	7s
High jump—1, Newblock (O); 2, Roehman(KS) and Barham(O), tie; 4, Toman(N) and Miller(IS).....	6ft.2 1/2in
Broad jump—1, Gray(N); 2, Ward(O); 3, Breen(KS); 4, Hall(KU).....	22ft.6 3/4in
Pole vault—1, Roby(N); 2, Gray(KU); 3, Cooper(IS) and Keller(M).....	12ft.9in
16-lb. shot—1, Dees(KU); 2, Gillis(O); 3, Hubka(N); 4, Beatty(KU).....	47ft.11 3/4in
1-mile relay—1, Oklahoma (Moore, Thompson, Moody, Ward); 2, Iowa State; 3, Nebraska; 4, Kansas Univ.....	3m.20s
Points Scored—Oklahoma 33, Nebraska 33, Kansas Univ. 29 1-2, Kansas State 18, Iowa State 17, Missouri 1 1-2.	



Front row—Elliott, Aurand, Wissner, Adler, Steele, Bath, Capt.; Liberty, Kleinheksel, Burgess, Dysert, Criswell. Row 2—Hammer, Craig, Cobb, Hovey, Wilson, Keast, Warren, Pongrace, Hurd, Jackson. Back row—Otley, Brown, Asst. Coach; Young, Coach; Casteel, Asst. Coach; Hoff, Bradley, Beaumont, Heppinstall, Trainer; Tieknor, Mgr.; McNutt, Holcomb.

MICHIGAN STATE COLLEGE TRACK TEAM.



Front row—Jackson, Schneeman, Harlan, Gallagher, Capt.; Webb, F. Smith, Johnston, Peterson. Row 2—King, Grant, Pierson, Stillwell, Thompson, Peddicord, Stewart, McGee, Dunkerton. Back row—Johnson, Coach; W. Smith, Wellman, Shoemaker, Custer, Warden, Riepe, Christenson.

Woltz, Photo.

DRAKE UNIVERSITY—MISSOURI VALLEY CONFERENCE CHAMPIONS.



Front row—Hershey, Walton, Kahler, Fenner, McKinley, Capt.; Webb, Lowry, Beatty, Schattie. Row 2—Allman, Asst. Coach; Quinn, Rockwell, Glickert, Thorpe, Hyatt, Caplis, Zepp, L. W. Olds, Coach. Back row—Ary, Rutkowski, Newman, Montgomery, Dunn, Dennis, Ingram, Mgr.

YPSILANTI (MICH.) NORMAL—CENTRAL CONFERENCE INDOOR CHAMPIONS.

Missouri Valley Conference Track Meet

Held at Des Moines, Iowa, May 19-20, 1933.

100 yds.—1, Smith(D); 2, Gallagher(OA&M); 3, Littlejohn(OA&M); 4, Grant(D).....	9.7s
220 yds.—1, Smith(D); 2, Littlejohn(OA&M); 3, Harrington(OA&M); 4, Bunch(OA&M)	21.9s
440 yds.—1, Gallagher(D); 2, Worden(D); 3, Anderson(G); 4, Webb(D).....	49.9s
880 yds.—1, Gallagher(D); 2, Zahn(B); 3, Sears(B); 4, Jackson(D).....	1m.56.7s
1 mile—1, Sears(B); 2, Pfeiffer(G); 3, Collins(OA&M); 4, Thompson(D).....	4m.18.2s
2 miles—1, Pilbrow(G); 2, Gordon(G); 3, Pfeiffer(G); 4, Price(OA&M).....	8m.33.6s
120 yds. hurdles—1, Tauer(B); 2, Lanyon(C); 3, Grounds(G); 4, O'Donnell(OA&M)	15.4s
220 yds. hurdles—1, Gallagher(OA&M); 2, Lanyon(C); 3, Sooter(OA&M); 4, Pierson(D)	24.8s
High Jump—1, Smith(D); 2, Tichenor(OA&M); 3, Murphy(C), Schneeman(D), Dickinson(G) and Collins(OA&M), tie.....	5ft.10.5-in
Broad jump—1, Schneeman(D); 2, Cummings(D); 3, James(G); 4, O'Donnell(OA&M)	23ft.
Pole vault—1, Davis(B), Johnston(D), Riepe(D), Potts(D) and Taton(OA&M) tie.	12ft.3.1-2in
16-lb. shot—1, Blanck(D); 2, Tichenor(OA&M); 3, Elser(B); 4, Morgan(G).....	47.3.3-4in
Discus—1, Tichenor(OA&M); 2, Blanck(D); 3, Rigney(OA&M); 4, Harlan(D).....	133.26ft
Javelin—1, Rigney(OA&M); 2, King(D); 3, Cotton(OA&M); 4, Taton(OA&M).....	192.71ft.
880 yds. relay—1, Oklahoma A&M (F.Harrington, Gallagher, L.Harrington, Littlejohn); 2, Drake.	
1-mile relay—1, Grinnell (Pojman, McKelveen, Grounds, Anderson); 2, Drake; 3, Creighton.....	3m.23.6s
Points Scored—Drake 66 7-20, Oklahoma A&M 51 19-20, Grinnell 24 3-4, Butler 19 1-5, Creighton 8 3-4.	

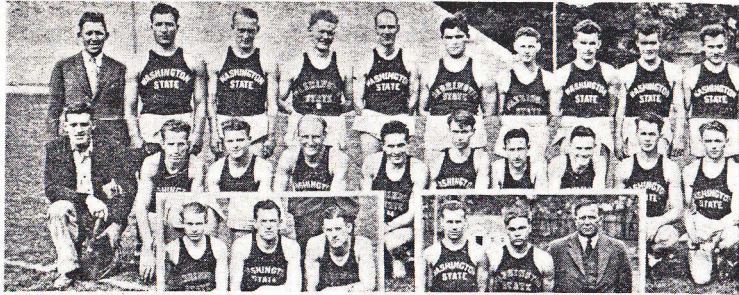
Southwest Conference Track and Field Meet

Held at Austin, Texas, May 12-13, 1933.

100 yds.—1, Meyer(Tex); 2, Holloway(Rice); 3, Goddard(Baylor); 4, Hutzler(Rice).....	9.7s
220 yds.—1, Meyer(Texas); 2, Goddard(Baylor); 3, Holloway(Rice); 4, Hutzler(Rice).....	21.3s
440 yds.—1, Cox(Texas); 2, Blitch(Texas); 3, Akins(A&M); 4, Addicks(A&M).....	49.1s
880 yds.—1, Ledbetter(SMU); 2, R.Cook(A&M); 3, Schulz(Rice); 4, Adams(Texas)	1m.58.6s
1 mile—1, Archer(Texas); 2, F.Cook(A&M); 3, Gower(Ark); 4, Nutt(Baylor).....	4m.32s
2 miles—1, Blakeney(Texas); 2, Fuentes(A&M); 3, Storm(Texas); 4, Chappell(TCU)	10m.2.8s
120 yds. hurdles—1, Casper(TCU); 2, Herring(A&M); 3, Randon(A&M); 4, Holmes(Texas)	14.7s
220 yds. hurdles—1, Casper(TCU); 2, Herring(A&M); 3, Randon(A&M); 4, Stafford(Texas)	23.4s
High jump—1, Adams(Rice); 2, Logan(A&M) and Anderson(Texas), tie; 4, Ancoin(Rice), Granger(Texas) and Merka(A&M).....	6ft.3.3-8in
Broad jump—1, Hale(Rice); 2, Adams(Rice); 3, Stafford(Texas); 4, Casper(TCU)	24ft.6.1-2in
Pole vault—1, Sewell(Texas), Hester(A&M), Reid(Rice) and Dunks(Texas), tie.....	13ft
16-lb. shot—1, Orwin(A&M); 2, Sprague(SMU); 3, Burk(Rice); 4, Johnson(Rice)	49ft.7.3-4in
Discus—1, Petty(Rice); 2, Orwin(A&M); 3, Skripka(A&M); 4, Sprague(SMU)	154ft.8.1-2in
Javelin—1, Skripka(A&M); 2, Delaney(Texas); 3, Lightfoot(A&M); 4, Stafford(Texas)	189ft.6.1-2in
440 yds. relay—1, Texas; 2, Rice; 3, Texas Christian Univ.; 4, Texas A.&M.....	42.6s
1 mile relay—1, Texas; 2, Texas A.&M.; 3, Rice; 4, Baylor.....	3m.21.8s
Points Scored—Texas 57 1-3, Texas A.&M. 49 5-6, Rice 36 5-6, Texas Christian Univ. 14, Southern Methodist Univ. 9, Baylor 7, Arkansas 2.	

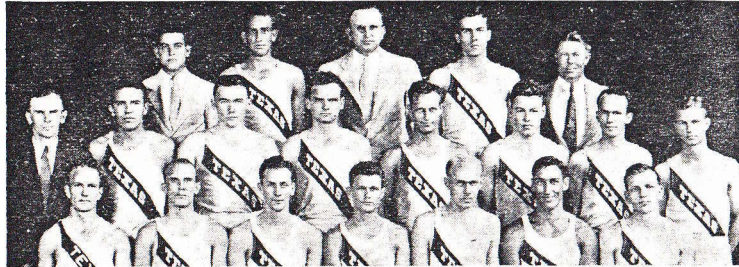
Rocky Mountain Conference Track and Field Meet

Held at University of Denver Stadium, May 19-20, 1933.



Front row—Lynch, Herron, Storey, Kelley, Klawitter, Dr. Wilbur Bohm, Trainer. Row 2—Phil Nalder, Mgr.; Leendertsen, Redfield, Tapp, Swift, Boone, Wills, Nolf, Mattila, Rounds. Back row—Karl Schlademann, Coach; Dunker, Hein, Crews, Kirk, Theodoratos, Andrews, Driver, Nichols, Sparks. Hutchison, Photo.

WASHINGTON STATE—PACIFIC COAST NORTHERN DIVISION CHAMPIONS.



Front row—Storm, Adams, Holmes, Blakeney, Capt.; Meyer, Stafford, Blitch. Row 2—Kelley, Trainer; Allen, Anderson, Archer, DeLaney, Granger, Cox, Dunks. Back row—Marx, Mgr.; Voyles, Clyde Littlefield, Coach; Sewell, Alderson, Asst. Coach.

UNIVERSITY OF TEXAS—SOUTHWEST CONFERENCE CHAMPIONS.



Front row—Cannon, Sentker, Richins, Schmidt, Maxfield, Fox, E. Barlow, McDonald, Daughters, Smith, Welti, Anderson, Rother. Row 2—Gordon, Hodge, Davies, Johnson, Dansie, Sheffield, Hartenstein, Jeppson, Fetzer, Allen, Goldstein, Lusty. Row 3—Ike Armstrong, Coach; F. Barlow, Patterson, Hunt, Candland, Adams, Howard, Ostler, Sacket, Franks, Hunter, Em Colson, Ed Colson, Gallagher, Vadal Peterson, Asst. Coach. Back row—Swan, Pace, Hawkes, Allen, Woffenden, Darke, Willey, W. Hogenson, R. Hogenson, Norton, Marks, Hoggan, Bush, Pete Couch, Asst. Coach.

UNIVERSITY OF UTAH—ROCKY MOUNTAIN CONFERENCE CHAMPIONS.

100 yds.—1, Powers(DU); 2, Goldstein(Utah); 3, Greenwell(Utah); 4, Jameson(CU); 5, Beausang(DU).....	9.6s
220 yds.—1, Powers(DU); 2, Goldstein(Utah); 3, Greenwell(Utah); 4, Nelson(USAC); 5, Beausang(DU).....	21.3s
440 yds.—1, Smith(CTC); 2, Jeppson(Utah); 3, Hutchinson(BYU); 4, Dudley(BYU); 5, Price(CU).....	49s
880 yds.—1, Larson(CC); 2, Kreager(CU); 3, Ashby(BYU); 4, McLaughlin(CAC); 5, Taylor(BYU).....	1m.58s
1 mile—1, Harvey(CAO); 2, Taylor(BYU); 3, Lusty(Utah); 4, Barlow(Utah); 5, Shade(CU).....	4m.23.4s
2 miles—1, Holst(MSC); 2, Harvey(CAO); 3, Pyper(USAC); 4, Dean(BYU); 5, Roberts(USAC).....	9m.50.4s
120 yds. hurdles—1, Bradley(CU); 2, Wilson(BYU); 3, Morris(CAC); 4, White(CAC); 5, Hill(CU).....	1.15s
220 yds. hurdles—1, Morris(CAC); 2, Bradley(CU); 3, Hill(CU); 4, Wilson(BYU); 5, Sutak(CC).....	23.6s
High jump—1, Johnson(Mines); 2, Jameson(CU); 3, Rushforth(Utah) and Brady(BYU), tie; 5, Taylor(BYU), Reese(BYU) and Noah(CAC), tie.....	6ft.2 7-8in
Broad jump—1, Staab(CU); 2, Warner(BYU); 3, Millett(BYU); 4, Richins(Utah); 5, Jameson(CU).....	24ft.1in
Pole vault—1, Gourley(BYU), Riddell(CAC) and Slovek(CU), tie; 4, Hodge(Utah), Berry(Mines) and Zimmerman(CU), tie.....	12ft.3in
16-lb. shot—1, Campbell(USAC); 2, Campbell(DU); 3, Campbell(CAC); 4, Cruikshank(CAC); 5, Shober(BYU).....	45ft.2 3-4in
16-lb. hammer—1, Clark(DU); 2, Johnson(Utah); 3, Fries(CC); 4, Cruikshank(CAC); 5, Howard(Utah).....	157.4ft
Discus—1, Simmons(USAC); 2, Cruikshank(CAC); 3, Walton(CU); 4, Law(USAC); 5, Cannon(BYU).....	142.7ft
Javelin—1, Davies(Utah); 2, Miller(DU); 3, Clark(DU); 4, Snell(BYU); 5, Blight(CTC); 6, Rutledge(CAC).....	187.5ft
1-mile relay—1, Utah; 2, Denver Univ.; 3, Colorado Agricultural Coll.; 4, Colorado Univ.; 5, Utah State Agri. Coll.....	3m.23s

Points Scored—Utah Univ. 43 1-2, Colo. Univ. 41, Colo. Agri. Coll. 39 2-6, Brigham Young Univ. 39 1-6, Denver Univ. 32, Utah State Agri. Coll. 19, Colorado Coll. 9, Colorado Tchrs. Coll. 6, Mines 6, Montana State 5, Western State 0.

Pacific Coast Conference Northern Division Track Meet

Held at Pullman, Wash., May 30, 1933.

100 yds.—1, Starr(Ore); 2, Swift(WSC); 3, Peden(Mont); 4, Barnes(Wash).....	9.8s
220 yds.—1, Starr(Ore); 2, Plumb(Wash); 3, Barnes(Wash); 4, Peden(Mont).....	21s
440 yds.—1, Nicholas(WSC); 2, Holman(Ore); 3, Kalbus(Idaho); 4, Burr(Ore).....	48.8s
880 yds.—1, Leendersten(WSC); 2, Galer(Wash); 3, Dolloff(Ore); 4, Livingston(Idaho).....	1m.57.1s
1 mile—1, Wills(WSC); 2, Hunter(Ore); 3, Nolf(WSC); 4, Woodward(Wash).....	4m.22.3s
2 miles—1, Wagner(Ore); 2, Watson(Mont); 3, Corbin(Wash); 4, Anderson(WSC).....	9m.49.1s
120 yds. hurdles—1, Dunkin(OSC); 2, Bracken(Wash); 3, Sparks(WSC); 4, Kelley(WSC).....	14.7s
220 yds. hurdles—1, Bracken(Wash); 2, McCoy(Ore); 3, Sparks(WSC); 4, Squance(Idaho).....	23.2s
High jump—1, Swisher(Wash); 2, Gordon(WSC); 3, Sparks(WSC); 4, Dahlberg(Mont), Nowland(Ore) and Arthaud(Wash), tie.....	6ft.1 1-2in
Broad jump—1, O'Connel(OSC); 2, Hausman(Wash); 3, Palmer(Ore); 4, Pruzan(Wash).....	23ft.3in
Pole vault—1, Burke(Mont) and Boone(WSC); 3, Arthaud(Wash); Coleman(OSC) and Mattila(WSC).....	12ft.10 5-8in
16-lb. shot—1, Dunker(WSC); 2, Theodoratos(WSC); 3, Berg(Idaho); 4, Frye(Ore).....	49ft.7 3-8in
Discus—1, Frye(Ore); 2, England(Wash); 3, Dunker(WSC); 4, Little(OSC).....	141ft.1-2in
Javelin—1, Demaris(Ore); 2, Hein(WSC); 3, Crews(WSC); 4, Davis(OSC).....	205ft.9in
1-mile relay—1, Oregon; 2, Washington State Coll.; 3, Idaho; 4, Washington.....	3m.20.6s

Points Scored—Washington State Coll. 54, Oregon 45 1-3, Washington 34 1-3, Oregon State 13, Montana 10 1-3, Idaho 8.

INTERCOLLEGIATE TEAM SCORES

NEW ENGLAND INTERCOLLEGIATE A.A.

At Cambridge, Mass., May 20—Boston Coll. 29 1-2, Bowdoin 20 1-2, Holy Cross 17, Maine 15 1-2, Brown 15, New Hampshire 13, Williams 13, Bates 11 1-2, Rhode Island State 7, Springfield 7, Northeastern 5, Mass. Inst. Tech 5, Colby 3, Worcester Tech 2, Amherst 1.

EASTERN INTERCOLLEGIATES

At Worcester Polytechnic Institute, May 13—Middlebury 44 3-4, Rhode Island State 31, Norwich 21, Tufts 17 1-2, Worcester Tech 16 3-4, Trinity 16, Massachusetts State 12, Connecticut State 6.

GREATER BOSTON INTERCOLLEGIATES

At Harvard Stadium, April 28-29—Harvard 32, Boston Coll. 48-2-3, Mass. Inst. Tech. 18 2-3, Northeastern Univ. 17 2-3, Tufts 7.

MAINE STATE INTERCOLLEGIATES

May 13—Maine 58, Bowdoin 48 1-2, Bates 22 1-2, Colby 7.

MIDDLE ATLANTIC STATES COLLEGIATE A.A.

Rutgers 41 1-2, Lehigh 35 1-5, Swarthmore 29 1-5, Lafayette 29, Dickinson 14 1-5, St. Joseph's 13 1-2, Johns Hopkins 12, Franklin and Marshall 9 1-5, Muhlenberg 9, Drexel 6, Delaware 4 7-10, Gettysburg 4 1-2, Haverford 2.

METROPOLITAN INTERCOLLEGIATES

May 13—New York Univ. 78, Manhattan 47 1-2, Columbia 15 1-2, C.C.N.Y. 13, Fordham 11.

NORTH CAROLINA CONFERENCE

At Duke University, May 13—North Carolina 82 1-2, Duke 63 1-2, Davidson 12, North Carolina State 6.

SOUTH CAROLINA INTERCOLLEGIATES

At Clinton, S.C., May 6—Presbyterian 61 1-2, South Carolina 46, Clemson 40 1-2, Furman 10, Newberry 7.

STATE MEET FOR SOUTHERN CONFERENCE TEAMS IN VIRGINIA

At Virginia Military Institute, Lexington, May 6—Virginia 56, Virginia Military Inst. 41 1-2, Virginia Polytechnic Inst. 39 2-3, Washington and Lee 26 5-6.

ILLINOIS INTERCOLLEGIATE A.A. (LITTLE NINETEEN)

Illinois Nor. 42, Southern Illinois Tchrs 33 1-3, North Central 21, Carthage 17, Illinois Wesleyan 16 1-2, Monmouth 16 1-2, Illinois Coll. 16, Macomb Tchrs 12 1-2, Bradley Tech 11 5-6, Elmhurst 10, Shurtleff 9, Eureka 7, Knox 4 1-2, Wheaton 4, DeKalb Tchrs 3, Augustana 2.

INDIANA INTERCOLLEGIATE

At Butler University, Indianapolis, May 27—Indiana 66 1-2, Purdue 41, Notre Dame 36, DePauw 10 1-2, Butler 4, Earlham 3 1-2, Hanover 1, Indiana State Tchrs 1, Ball Tchrs 1, Indiana Central 1-2.

INDIANA LITTLE STATE MEET

DePauw 51 5-6, Butler 31, Earlham 22 1-3, Hanover 21, Ball Tchrs 11 1-2, Indiana Central 11 1-3, N.A.G.U. 8, Indiana State Tchrs 5, Central Nor. 3, Wabash 2.

MICHIGAN STATE INTERCOLLEGIATES

May 19-20—Michigan State Nor. 59 2-7, Michigan State 49 13-14, Western State Tchrs 28 1-7, Grand Rapids Jr. 13 1-2, Detroit City 5, Hillsdale 3, Kalamazoo 3, Albion 2, Central State 1 1-7.

MICHIGAN INTERCOLLEGIATE A.A.

At Albion, May 27—Kalamazoo 58, Albion 53 3-4, Alma 22 1-2, Hillsdale 16 3-4, Hope 10, Olivet 3.

OHIO CONFERENCE

At Oberlin—Denison 40, Wooster 32, Akron 25 1-2, Heidelberg 22, Toledo 19, Mount Union 16, Oberlin 15 1-2, Case 13, Capital 9, Hiram 6, Muskingum 6, Kenyon 5, Otterbein 5, Baldwin-Wallace 4, Bowling Green 4, Ohio Northern 2.

BUCKEYE CONFERENCE

At Oxford—Ohio Univ. 72, Miami 63 1-3, Ohio Wesleyan Univ. 53 1-3, Cincinnati 18 1-3, Marshall 17.

WISCONSIN "BIG FOUR" CONFERENCE

Ripon 52 1-3, Carroll 41 2-3, Beloit 39, Lawrence 32.

CHICAGO AREA INTERCOLLEGIATE

At Elmhurst College—North Central 53 1-2, Armour 30, Loyola 28 1-3, Elmhurst 27 1-3, Lake Forest 22.

IOWA COLLEGIATE A.A.

Drake 59, Iowa State 53 3-4, Grinnell 34, Iowa 25 1-4.

IOWA COLLEGIATE A.A. (indoor)

Iowa State 57, Drake 51, Grinnell 39 1-2, Iowa 14 1-2.

IOWA INTERCOLLEGIATE A.A.

At Iowa State Teachers College, May 19-20—Iowa Tchrs 44, Simpson 42 1-2, Iowa Wesleyan 40 1-2, Luther 25, Penn 24, St. Ambrose 6, Dubuque 4, Buena Vista 2.

CENTRAL INTERCOLLEGIATE ATHLETIC CONFERENCE

At Emporia, Kan., May 12-13—Pittsburg Tchrs 68 1-4, Emporia Tchrs 44 1-2, Washburn 18 1-4, Wichita 15, Coll. of Emporia 11, Southwestern 6 3-4, Hays 1 1-4.

MISSOURI INTERCOLLEGIATE A.A. STATE MEET

Springfield 57 1-2, Kirksville 45, Warrensburg 33, Cape Girardeau 29, Maryville 11.

TEXAS CONFERENCE

Ablene Christian 59 1-6, Howard Payne 43 5-6, Simmons 22, Daniel Baker 21, St. Edwards 15 1-2.

LONE STAR CONFERENCE MEET

At San Marcos, Texas, May 11—North Texas 53 1-9, Southwest Texas 42 1-9, S.F. Austin 35 2-9, East Texas 25 1-9, Sam Houston 19 2-9, Trinity 2-9.

WESTERN DIVISION ROCKY MOUNTAIN CONFERENCE

At Logan, Utah, May 13—Utah 63, Brigham Young 60, Utah State Agri. 29.

FAR WESTERN CONFERENCE

At Sacramento, May 6—Fresno State 66, San Jose 49 1-2, Coll. of Pacific 16 1-3, Chico 12 1-2, Nevada 10 1-3, California Agri. 9 1-3.

SOUTHERN CALIFORNIA CONFERENCE

At Claremont, April 15—Pomona 60 1-3, San Diego 43 5-6, Occidental 28, Whittier 24 1-3, Redlands 11, California Tech 5 1-2, La Verne 3.

WINNERS OF DUAL MEETS

Note—State Teachers Colleges and Normal Schools are listed from the cities in which they are located. * Denotes Indoor Meet.

- Alabama**
67—Tulane 50
- Alabama Polytechnic**
72—Georgia 54
95—Georgia Tech 31
- Albion**
62 2-3—Muskegon Jr. 59 1-3
76—Alma 55
- Amherst**
76—Swarthmore 50
76—Haverford 50
85 2-3—Williams 49 1-3
- Arizona**
97—Tempe 33
- Arkansas**
70—Missouri Mines 61
84—Tulsa 47
- Army**
74—Penn State 52
76—Bowdoin 50
76—Boston Coll. 50
68 1-2—Manhattan 57 1-2
76—Navy 60
- Bemidji Tehrs**
65—Duluth Tehrs 65
- Boston Coll.**
73—New Hampshire 62
78 1-4—Bowdoin 56 3-4
- Boston Univ.**
70—Tufts 65
48—Mass State 29*
- Bowdoin**
76 2-5—Holy Cross 58 3-5
- Bradley Tech**
82—Armour Tech 44
95—Eureka 28
- Brigham Young**
96—Utah State 49
- Brown**
69 1-3—Colgate 65 2-3
68—R.I. State 67
- Bucknell**
74—Juniata 52
83—Susquehanna 43
- Butler**
75 1-2—Ball Tehrs 51 1-2
77—Washington 49
- California**
72 1-2—UCLA 58 1-2
- California at Los Angeles**
98 1-3—Occidental 41 2-3
75—Pomona 65
- Capital**
66—Oberlin 65
- Carbondale (Ill.) Tehrs**
96 1-2—Washington 33 1-2
72—Illinois Nor. 58
- Carthage**
68—Bradley Tech 63
70—Illinois Coll. 61
- Chicago**
62—Northwestern 29*
58 1-3—Purdue 36 2-3*
66—Loyola 33*
69—North Central 35*
68—Northwestern 67
- Cincinnati**
105—Berea 26
- Clemson**
68 2-3—So. Carolina 57 1-3
84 1-2—Furman 41 1-2
- Coe**
79—Cornell 52
- Columbia**
81—Rutgers 45
- Commerce (Tex.) Tehrs**
65—San Marcos Tehrs 57
- Connecticut State**
80 1-2—Norwich 54 1-2
- Davidson**
83 1-3—Furman 46 2-3
75—Virginia Poly 51
98 1-2—Wake Forest 27 1-2
- Denison**
103 1-3—Marshall 27 2-3
89 1-3—Otterbein 36 2-3
69—Cincinnati 62
- Denver**
83—Colo. Tehrs 57
74 1-2—Colo. Coll. 65 1-2
- Drake**
64—Grinnell 40*
57 5-6—Iowa 46 1-6*
84 1-2—Grinnell 46 1-2
69—Iowa State 62
- Drexel**
78 2-3—Susquehanna 47 1-3
63 1-2—Delaware 62 1-2
- Duke**
72 1-2—Wm.-Mary 53 1-2
85—Washington-Lee 41
78 1-2—Davidson 47 1-2
- Duluth (Minn.) Tehrs**
65—Bemidji Tehrs 65
- East Stroudsb'g (Pa.) Tehrs**
74 1-2—Albright 40 1-2
- Elmhurst**
78 1-2—Wheaton 52 1-2
- Emporia (Kan.) Tehrs**
69—Kansas State 62
- Georgia**
96—Clemson 40
77 1-2—Georgia Tech 53 1-2
73—Florida 63
- Georgia Tech**
72—Clemson 54
67—Kentucky 64
- Grinnell**
65—Iowa 61
- Gustavus Adolphus**
77—St. Thomas 48
- Hamilton**
87 1-2—Rochester 43 1-2
- Hamline**
81—St. Thomas 45
- Harvard**
79 1-3—Princeton 55 2-3
93 1-2—Dartmouth 41 1-2
- Holy Cross**
72—Boston Coll. 63
- Illinois**
55 1-2—Notre Dame 39 1-2*
- Illinois Coll.**
70—Knox 61
- Illinois Nor.**
87 1-3—Illinois Coll. 42 2-3
102—Eureka 29
- Illinois Wesleyan**
59 1-2—Bradley Tech 51 1-2
- Indiana**
58—Illinois 46*
61—Ohio State 43*
97 1-2—Butler 28 1-2
- Iowa**
55 2-3—Grinnell 48 1-3*
76—Chicago 59
- Iowa State**
92—Carleton 21*
53 2-3—Drake 50 1-3*
76 1-2—Grinnell 27 1-2*
80—Missouri 51
- Johns Hopkins**
69 1-3—Delaware 56 2-3
63 4-5—Haverford 62 1-5
- Kalamazoo Coll.**
76 2-3—Albion 54 1-3
- Kalamazoo (Mich.) Tehrs**
73 1-2—Detroit State 30 1-2*
72 1-2—Butler 31 1-2*
- Kansas**
56—Haskell 48*
76 1-2—Haskell 53 1-2
73—Kansas State 53
103 1-3—Missouri 27 2-3
- Kirksville (Mo.) Tehrs**
107 1-2—Penn 22 1-2
- Knox**
85 1-2—Macomb Tehrs 45 1-2
- Lafayette**
69 1-2—Lehigh 56 1-2
- Lawrence**
73—Carroll 58
68—Ripon 65
78—Oshkosh Tehrs 53
74 2-3—Beloit 56 1-3
- Lehigh**
73—Swarthmore 53

- Louisiana State**
78 1-2—Rice 41 1-2
74—Tulane 43
- Loyola of Chicago**
67 1-3—Milw. Tehrs 66 2-3
- McGill**
43 1-2—Boston Univ. 34 1-2*
- Macalester**
93—Hamline 38
71—Carleton 60
- Macomb (Ill.) Tehrs**
68 1-2—Culver M.A. 57 5-6
67—Augustana 59
- Maine**
79 1-2—Springfield 55 1-2
78 1-2—Mass. Tech 56 1-2
78 1-2—Bates 38 1-2*
- Marquette**
54—Notre Dame 32*
48—Wisconsin 38*
76 1-4—Wisconsin 63 3-4
76 1-3—Kazoo Tehrs 54 2-3
- Maryland**
65 1-3—Richmond 60 2-3
71 1-2—Johns Hopkins 54 1-2*
- Massachusetts State**
71—Conn. State 64
- Miami**
81—Ohio Wesleyan 50
84—Cincinnati 47
- Michigan**
68—Chicago 27*
83 1-3—Ohio State 51 2-3
75—Illinois 60
85—Ypsilanti Nor. 47
- Michigan State**
83 3-4—Ohio Wesley. 25 1-4*
67 3-5—Marquette 48 2-5*
80—Notre Dame 64
- Middlebury**
77—Union 58
75—Williams 60
- Minnesota**
97 1-2—Carleton 33 1-2
- Missouri**
77 1-2—Westminster 53 1-2
- Monmouth**
81—Knox 51
- Mt. Pleasant (Mich.) Tehrs**
81 2-3—Albion 49 1-3
- Navy**
81 2-3—Wm.-Mary 44 1-3
92—Maryland 34
- Nebraska**
68—Minnesota 36*
69—Kansas State 35*
73 1-2—Kansas 57 1-2
95—Minnesota 36
- New Hampshire**
79 1-4—Bates 55 3-4
79 1-2—Springfield 55 1-2
83 2-3—Northeastern 51 1-3
73—Brown 62
93—Mass. Tech 42
- North Carolina**
77—Navy 49
65 1-2—Penn State 60 1-2
76 1-3—Virginia 49 2-3
66—Duke 60
- North Central**
59—Armour Tech 45*
71 1-3—Loyola 32 2-3*
- Norwich**
68—Boston Univ. 67
- Notre Dame**
52—Ohio State 52*
68—Purdue 27*
71—Pittsburgh 55
- Oberlin**
81 1-2—Case 49 1-2
- Ohio State**
52—Notre Dame 52*
- Ohio Wesleyan**
103—Oberlin 26
97—Heidelberg 34
80—Denison 51
- Ohio Univ.**
73—Ohio Wesleyan 58
108 1-3—Cincinnati 22 2-3
117—Marshall 14
86—Miami 45
- Oklahoma A.&M.**
75 2-3—Edmond Tehrs 50 1-3*
99—Oklahoma 62
60—Wichita 41
- Oregon**
69—Washington 62
- Otterbein**
79—Muskingum 52
72 1-2—Marietta 53 1-2
- Pennsylvania**
70 1-2—Cornell 64 1-2
- Penn State**
72—Pittsburgh 63
- Pittsburgh**
77—Temple 58
- Pittsburg (Kan.) Tehrs**
86—Springfield (Mo.) Tehrs 50
- Presbyterian**
67 3-4—Florida 63 1-4
88—South Carolina 38
66 1-3—Clemson 59 2-3
81—Furman 45
- Princeton**
78 2-3—Cornell 56 1-3
67 1-2—Yale 67 1-2
- Purdue**
100—DePauw 31
52 2-3—Butler 51 1-3*
- Rensselaer**
75—C.C.N.Y. 51
- Rhode Island State**
80 1-6—Worcester. Tech 54 5-6
95 2-3—Conn. State 39 1-3
- Rice**
63 5-6—Texas A&M 58 1-6
- Richmond**
103—Wake Forest 23
69 1-4—Wash.-Lee 56 3-4
69—Virginia Military 57
109—Randolph-Macon 17
- Rochester**
78 1-2—Hobart 34 1-2
- Rutgers**
71—Lafayette 55
63 1-2—Lehigh 62 1-2
- St. Joseph**
64—Delaware 62
- St. Olaf**
83—St. Thomas 47
74 2-3—Gust. Adol. 56 1-3
- South Carolina**
63 3-4—Furman 57 1-4
60 1-3—Davidson 25 2-3
- Southern California**
94 1-2—California 36 1-2
72—Stanford 58
- South Dakota State**
79—Carleton 52
71 1-2—South Dakota 59 1-2
- Springfield**
88 2-3—Wesleyan 46 1-3
79—Northeastern 56
- Springfield (Mo.) Tehrs**
87—Arkansas 49
97—Washington 58
72 2-3—Missouri Mines 63 1-3
- Stanford**
95—California 36
67—So. California 64
90 1-2—Olympic Club 40 1-2
107—San Francisco 24
- Swarthmore**
75 1-2—Johns Hopkins 50 1-2
75—Haverford 51
- Temple**
90—C.C.N.Y. 36
100—Carnegie Tech 35
- Tennessee**
66—Kentucky 51
- Texas**
77 1-2—Abilene Chris. 44 1-2
- Texas A.&M.**
72—Texas 50
- Texas Christian**
73 1-3—Denton Tehrs 48 2-3
72 2-3—Denton Tehrs 47 1-3
84 2-3—So. Methodist 42 1-3
- Trinity**
77—Tufts 49
87—Mass. State 38
86—Conn. State 40
- Tufts**
71 1-2—Mass. State 63 1-2
- Union**
77—Trinity 49
- Utah**
98—Utah State 47
78 1-2—Brig. Young 66 1-2
- Vermont**
66 1-6—St. Lawrence 59 5-6

Villanova
65—West Chester Tchrs 61

Virginia
76 1-2—Virginia Mil. 49 1-2
64 1-10—Navy 61 9-10
77—Maryland 49

Virginia Military
63—Virginia Poly 63
66—Maryland 60

Virginia Polytechnic
86 1-3—Wash.-Lee 39 2-3
63—Virginia Military 63

Washington
83 1-3—Oregon State 47 2-3

Washington and Lee
78—Maryland 48

Wesleyan
97—Boston Univ. 38

Western Reserve
77—Oberlin 54

West Virginia
68—Pittsburgh 67

William and Mary
89—Washington-Lee 37
74—Virginia Poly 52
100—Emory-Henry 26
81—Richmond 45
80—Virginia Military 46

Williams
73—Wesleyan 62

Wisconsin
61—Minnesota 43*
81—Minnesota 20*

Wooster
84 1-3—Oberlin 46 2-3
105—Muskingsum 26
73—Akron 58
97—Case 34
102 1-2—Kenyon 28 1-2
77 1-3—Mount Union 53 2-3

Worcester Polytechnic
94—Mass. State 41

Yale
79 1-3—N.Y.U. 55 2-3
92—Pennsylvania 43
73 1-2—Harvard 61 1-2
67 1-2—Princeton 67 1-2

Ypsilanti (Mich.) Nor.
72—Ohio Wesleyan 32*

TRIANGULAR MEET SCORES

Akron 69 1-2, Oberlin 67 1-2, Baldwin-Wallace 28
Arkansas 63, Hendrix 52, Ozarks 21
Coe 79 5-6, Iowa Tchrs 47 1-6, Cornell 35
Chicago 69, North Central 61, Armour Tech 24
Colorado Agricultural 62 3-4, Colorado 62, Denver 49 1-4
Cornell 90 1-2, Colgate 24, Syracuse 20 1-2
Dartmouth 67 1-2, Columbia 38, Brown 29 1-2
Illinois Coll. 70, Shurtleff 37, McKendree 29
Indiana 73 1-2, Illinois 57 1-2, Purdue 42
Iowa 73, Coe 65 1-2, Cornell 30 1-2
Jamestown 73 1-2, Minot Tchrs 50 1-2, Dickinson Nor. 30
Kirksville (Mo.) Tchrs 63, Springfield Tchrs 61, Warrensburg Tchrs 43
Michigan 54, Illinois 35 1-2, Ohio State 34 1-2*
Nebraska 71, Kansas 53 2-2, Kansas State 37 1-3
North Central 82 1-2, La Grange Jr. 28 1-2, Crane 17
North Central 82 1-2, Loyola 55 1-2, Lake Forest 24
North Central 97 1-3, Elmhurst 59 2-3, Wheaton 37
Ohio State 103, Ohio Wesleyan 30, Otterbein 3
Southern Methodist 67 1-4, Texas Christian 59 3-4, Baylor 37
Texas A.&M. 102, Texas Christian 50, Baylor 16
Texas A.&M. 58, Texas 58, Rice 54
Utah 63, Brigham Young 60, Utah State 29
Wisconsin 75 1-2, Chicago 54 1-2, Northwestern 45
Ypsilanti Nor. 118 1-2, Kalamazoo 28 1-2, Adrian 15

QUADRANGULAR MEET SCORES

Chicago 41 1-3, Purdue 37 1-3, Wisconsin 32 1-3, Northwestern 21*
Iowa State 57, Drake 47, Grinnell 41 1-2, Iowa 16 1-2*
Iowa Wesleyan 67 1-2, Simpson 61 1-2, Penn 25, Parsons 10
Monmouth 56, Carthage 56, Macomb Tchrs 29, Augustana 26
Texas 106, Howard Payne 31, San Marcos Tchrs 23 1-2, Daniel Baker 14
Texas A.&M. 70, Texas 62 1-2, Rice 59 1-2, Abilene Christian 52

RELAY CARNIVALS

University of Pennsylvania 39th Annual Relays

Held at Philadelphia, April 28-29, 1933.

COLLEGE RELAY CHAMPIONSHIPS.

440 yds.—1, Pennsylvania (Freihofner, Andursky, Maskrey, Jones); 2, New York Univ.; 3, Ohio State.42s

880 yds.—1, Ohio State (Willey, Teitelbaum, Stapf, Keller); 2, New York Univ.; 3, Yale.1m.27.7s

1 mile—1, Pennsylvania (Edwards, Schaefer, Jones, Healey); 2, Yale; 3, New York Univ.3m.17.2s

1 mile Class B—1, Pittsburgh (McDonald, Kiger, Watkins, Keller); 2, Lafayette; 3, Navy.3m.21.3s

1 mile freshman—1, Manhattan (Egal, Blenderman, Wolff, Ray); 2, Pennsylvania; 3, New York Univ.3m.24.8s

1 mile normal school—1, West Chester (Pa.) Tchrs; 2, St. Paul (Lawrenceville, Va.); 3, Cheyney (Pa.)3m.29.6s

2 miles—1, Columbia (Grady, Keville, Gilmore, Patterson); 2, Manhattan; 3, Michigan State.7m.50.3s

4 miles—1, New York Univ. (Mothner, Grodman, Nordell, Barker); 2, Cornell; 3, Manhattan.17m.45.4s

Sprint medley (440,220,220,880)—1, Princeton (Johnson, Weaver, Rainear, Bonthron); 2, Ohio State; 3, Pittsburgh.3m.30.9s

Distance medley (440,880,1320 mile)—1, Manhattan (McGeough, Burns, Ryan, Crowley); 2, New York Univ.; 3, Cornell.10m.14s

480 yds. shuttle hurdle—1, Pennsylvania (Condit, Walters, Munger, Pfeifer); 2, Cornell; 3, Michigan State.1m.3s

SCHOOL RELAY CHAMPIONSHIPS.

440 yds.—1, Mercersburg (Pa.) Acad. (Cowan, White, Mills, Mutchler); 2, Newark (N. J.) Prep; 3, William Penn H.S. (Harrisburg).42.5s

1 mile prep—1, Loughlin Memorial (Bklyn) (O'Connor, Reilly, Carey, Riordan); 2, Newark; 3, Hill.3m.26.2s

1 mile high school—1, Stuyvesant H.S. (N.Y.C.) (Mader, Staron, Gilhooley, Herbert); 2, Bryant; 3, Kearny.3m.29.5s

2 miles—1, St. Benedict's (Newark) (Weiner, Frey, McKenna, Damore); 2, Mount Pleasant; 3, Hamilton Collegiate Inst. (Canada).8m.17.6s

Interscholastic medley (880,440,220,mile)—1, Mount Pleasant H.S. (Schenectady) (Clark, Treis, Krizek, Szumachowski); 2, St. Benedict's; 3, Westfield H.S. .7m.50.6s

COLLEGE INDIVIDUAL EVENTS.

100 yds. run—1, Hardy (Cornell); 2, Widmyer (Maryland); 3, Lynn (Clemson).9.9s

400 mtrs. hurdles—1, Beatty (Mich. Nor.); 2, Jackson (Lehigh); 3, Whitaker (Navy); 4, Reidell (Columbia).55.8s

120 yds. hurdles—1, Keller (Ohio State); 2, Pessoni (Manhattan); 3, Bath (Mich. State).14.3s

3000 mtrs. steeplechase—1, McCluskey (Fordham); 2, Lee (Va. Union); 3, Rhodes (Columbia).9m.28.5s

High jump—1, Spitz (NYU); 2, Spencer (Geneva); 3, Pitkin (Columbia).6ft.5 3-4in

Broad jump—1, McNally (Holy Cross); 2, Hickey (Villanova); 3, Conliffe (St. Paul Nor.).22ft.9in

Hop, step and jump—1, Hickey (Villanova); 2, Ludwig (Pennsylvania); 3, McRae (Navy).44ft.2 1-4in

Pole vault—1, Brown (Yale); 2, Thompson (Yale); 3, McWilliams (Princeton), Pierce (Yale) and Stutzman (Syracuse), tie.14ft.1-4in

16-lb. shot—1, Dues (Detroit CC); 2, Finkelstein (NYU); 3, Scheur (NYU).48ft.5in

16-lb. hammer—1, Zaremba (NYU), 2, Lingie (Princeton); 3, McDougal (Censusylvania).161ft.5in

Discus—1, Crowley (Yale); 2, Armstrong (Army); 3, Carpenter (Dartmouth) 139ft.9 1-4in

Javelin—1, Wentz (Colgate); 2, Begg (Geneva); 3, Odell (Manhattan).204ft.9 1-2in

Drake University 24th Annual Relays

Held at Des Moines, Iowa, April 28-29, 1933.

UNIVERSITY RELAY CHAMPIONSHIPS.

440 yds.—1, Illinois (Carroll, Christiansen, Kennicott, Hellmich); 2, Oklahoma; 3, Oklahoma A&M.....	41.0s
880 yds.—1, Marquette (Tierney, Dzwiniel, Crider, Metcalfe); 2, Nebraska; 3, Oklahoma.....	1m.28.4s
1 mile—1, Michigan (Ellerby, Lemen, Turner, Debaker); 2, Indiana; 3, Drake.....	3m.19.4s
2 miles—1, Iowa State (Chisholm, Guse, Chapman, Labertew); 2, Kansas State; 3, Purdue.....	7m.50.9s
4 miles—1, Grinnell (McIlrath, Pfeiffer, Gordon, Pilbrow); 2, Notre Dame; 3, Illinois.....	18m.11.9s
Distance medley (880,440,1320,mile)—1, Indiana (Fuqua, Harpold, Hornbostel, Watson); 2, Kansas State; 3, Nebraska.....	10m.20.4s
480 yds. shuttle hurdle—1, Minnesota (Kilbourne, Laroque, Knoblauch, Scheifley); 2, Wisconsin; 3, Kansas.....	1m.2.5s

COLLEGE RELAY CHAMPIONSHIPS.

880 yds.—1, Oklahoma Baptist (Fulton, Perry, McMillen, Barton); 2, Pittsburg (Kan.) Tchrs; 3, Washburn.....	1m.29.7s
1 mile—1, Oklahoma Baptist (McCoy, Perry, McMillen, Barton); 2, Emporia (Kan.) Tchrs; 3, Pittsburg (Kan.) Tchrs.....	3m.20.1s
2 miles—1, Pittsburg (Kan.) Tchrs (Bell, O'Reilly, Brown, Smith) and Emporia (Kan.) Tchrs (Knight, Morgan, Bridges, Rhoads), tie; 3, Illinois State Nor.....	7m.52.6s
Sprint medley—1, Abilene Christian (Green, Novell, Ward, Simmons); 2, Pittsburg (Kan.) Tchrs; 3, Emporia (Kan.) Tchrs.....	3m.29.8s

COLLEGE INDIVIDUAL EVENTS.

100 yds. run—1, Metcalfe (Marquette); 2, Ward (Michigan); 3, Hall (Kansas).....	9.7s
120 yds. hurdles—1, Scheifley (Minnesota); 2, Haring (Emporia Tchrs); 3, Eggleston (Michigan).....	15s
2-mile run—1, Sears (Butler); 2, Watson (Indiana); 3, Eyre (Hastings).....	9m.36.1s
High jump—1, Ward (Michigan); 2, Stambach (Pittsburg Tchrs), Newblock (Oklahoma), Murphy (Notre Dame), Watkins (Abilene Christian), tie.....	6ft.4.3-in
Broad jump—1, Brooks (Chicago); 2, Gray (Nebraska); 3, Kepner (Wichita).....	24ft.3-in
Hop, step and jump—1, Schueman (Drake); 2, Wetherley (Monmouth); 3, Breen (Kansas State).....	46ft.5.3-in
Pole vault—1, Lenington (Illinois) and Seeley (Illinois), tie; 3, Roberts (Chicago), Divich (Indiana), Schram (Marquette), Roark (Marquette) and Lovshin (Wisconsin), tie.....	13ft.8-in
16-lb. shot—1, Dees (Kansas); 2, Kamm (Illinois); 3, Davis (Hillsdale) (Iowa).....	48ft.3.1-2in
16-lb. hammer—1, Biddinger (Indiana); 2, Cox (Michigan); 3, Kodale (Iowa).....	161.49ft
Discus—1, White (Pittsburg Tchrs); 2, Busbee (Indiana); 3, Cummings (Illinois).....	145.89ft
Javelin—1, Purvis (Purdue); 2, Marks (Oklahoma); 3, Horne (Northwestern).....	203.04ft.

CLASS A HIGH SCHOOL RELAY CHAMPIONSHIPS.

440 yds.—1, Oak Park, Ill.; 2, Clinton, Iowa; 3, Washington, Iowa.....	43.8s
880 yds.—1, Clinton, Iowa; 2, Oak Park, Ill.; 3, Washington, Iowa.....	1m.31.1s
1 mile—1, Oak Park, Ill.; 2, Greenville, Miss.; 3, Omaha (Neb.) Tech.....	3m.29.4s
2 miles—1, Cherokee, Iowa; 2, Oskaloosa, Iowa; 3, Ottumwa, Iowa.....	8m.19.5s

University of Kansas 11th Annual Relays

Held at Memorial Stadium, Lawrence, Kan., April 22, 1933.

UNIVERSITY RELAYS.

440 yds.—1, Oklahoma A&M (Gallagher, Littlejohn, Harrington, Glass); 2, Illinois; 3, Oklahoma.....	41.4s
880 yds.—1, Illinois (Carroll, Christiansen, Kennicott, Hellmich); 2, Oklahoma; 3, Nebraska.....	1m.26.7s
1 mile—1, Indiana (Harpold, Bicking, Hornbostel, Fuqua); 2, Texas; 3, Oklahoma.....	3m.17.2s
2 miles—1, Iowa State (Chisholm, Guse, Chapman, Labertew); 2, Kansas State; 3, Kansas.....	7m.52.9s
4 miles—1, Indiana (Lockbridge, Neese, Watson, Hornbostel); 2, Illinois; 3, Grinnell.....	17m.54.6s
Distance medley (440,880,1320,mile)—1, Kansas State (Castello, Darnell, McNeal, Lunden); 2, Nebraska; 3, Indiana.....	10m.27.4s
480 yds. shuttle hurdle—1, Minnesota (Kilborn, LaRoque, Knoblauch, Scheifley); 2, Kansas State; 3, Kansas.....	1m.2.3s

COLLEGE RELAYS.

880 yds.—1, Pittsburg Tchrs (Swisher, Davis, Kirby, Terwilliger); 2, Emporia Tchrs; 3, Washburn and Kirksville Tchrs, tie.....	1m.29.7s
1 mile—1, Pittsburg Tchrs (Wilhelm, Kirby, Terwilliger, Davis); 2, Oklahoma Baptist; 3, Emporia Tchrs.....	3m.17.3s
2 miles—1, Emporia Tchrs (Knight, Morgan, Bridges, Rhoads); 2, Pittsburg Tchrs; 3, Baker Univ.....	7m.50.5s
Distance medley (440,880,1320,mile)—1, Pittsburg Tchrs (German, O'Reilly, Brown, Smith); 2, Kirksville Tchrs; 3, Emporia Tchrs.....	10m.33s

JUNIOR COLLEGE RELAY.

1 mile—1, Cameron Coll., Lawton, Okla. (Neeley, Johnson, Adkins, Wright); 2, Kansas City (Kan.) Jr. Coll.; 3, Fort Scott Coll.....	3m.27.4s
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INDIVIDUAL EVENTS.

100 yds. run—1, Hall (Kansas); 2, Glass (Oklahoma); 3, Lambertus (Nebraska).....	10s
120 yds. hurdles—1, Scheifley (Minnesota); 2, Haring (Emporia Tchrs); 3, Flick (Kan.).....	15s
1500 mtrs. run—1, Cunningham (Kansas); 2, Dawson (IowaAC); 3, Peden (Edmond Tchrs).....	3m.53.8s
High jump—1, Newblock (Oklahoma); 2, Stambach (Pittsburg Tchrs); 3, Dumm (Kansas) and Barham (Oklahoma), tie.....	6ft.3.3-8in
Broad jump—1, Gray (Nebraska); 2, Ward (Oklahoma); 3, Kepner (Wichita).....	24ft.4.1-2in
Pole vault—1, Lenington (Illinois) and Seely (Illinois), tie; 3, Gray (Kansas).....	13ft.1.4-in
16-lb. shot—1, Kamm (Illinois); 2, Dees (Kansas); 3, Gilles (Oklahoma).....	47ft.6.1-2in
Discus—1, White (PbgThr); 2, Busbee (Ind); 3, Kimble (EmporiaThr).....	143ft.1.1-2in
Javelin throw—1, Rigney (Oklahoma); 2, Marks (Oklahoma); 3, King (Drake); 4, Brown (SollN).....	184ft.2.3-4in
Decathlon—1, Childress (Warrensburg Tchrs); 2, Charles (Unattached); 3, Eagleman (Haskell).....	7454.04pts

West Coast Relays

Held at Fresno, Calif., May 13, 1933.

UNIVERSITY RELAYS.

440 yds.—1, Southern California; 2, Southern California Freshmen; 3, Stanford.....	41.6s
880 yds.—1, Southern California; 2, Southern California Freshmen; 3, Stanford.....	1m.27.2s
1 mile—1, Southern California; 2, California; 3, Stanford.....	3m.17.4s
2 miles—1, Southern California; 2, California.....	8m.1.5s
Distance medley—1, Southern California; 2, Stanford; 3, California.....	10m.22.3s
480 yds. shuttle hurdle—1, Southern California.....	1m.1.6s

UNIVERSITY INDIVIDUAL EVENTS.

100 yds.—1, Abbott (SoCalifFr); 2, Osburn (SoCalif); 3, Draper (SoCalifFr).....	9.7s
120 yds. hurdles—1, Meier (Stanford); 2, Lyon (SoCalif); 3, Welsh (SoCalif).....	14.5s
Pole vault—1, Cabel (SoCalif); 2, Jefferson (California); 3, Creswell (California).....	14ft
High jump—1, Van Osdel (SoCalif); 2, McNaughton (SoCalif), Schween (Stanford) and McNeil (SoCalif).....	6ft.3.3-in
Broad jump—1, Paul (SoCal); 2, Williams (Stan); 3, McFadden (SoCal).....	24ft.4.1-2in
16-lb. shot—1, Dunn (Stanford); 2, Gray (Stanford); 3, Lyman (Stanford).....	50ft.7.3-4in
Discus—1, Laborde (Stanford); 2, Dunn (Stanford); 3, Gray (Stanford).....	156ft.9.1-2in
Javelin—1, Mottram (Stan); 2, Waterbury (Calif); 3, McKenzie (SoCal).....	205ft.5.3-4in

COLLEGE EVENTS.

100 yds. run—1, Salvado (San Jose State); 2, Plumb (Pomona); 3, Henry (San Francisco State).....	9.9s
880 yds. run—1, Fresno State; 2, Fresno State Fr.....	1m.30.6s
1 mile run—1, Fresno State; 2, San Diego State.....	3m.21.2s
2 miles—1, Fresno State; 2, San Jose State; 3, San Diego State.....	7m.55.1s
120 yds. hurdles—1, Williams (Pomona); 2, Denham (Fresno State); 3, Ward (Fresno State).....	14.7s
Pole vault—1, Hallet (Occidental) and Rand (San Diego State), tie; 3, Smith (Pomona).....	13ft.3in
High jump—1, Marty (Fresno State); 2, Weber (Loyola); 3, Larson (San Diego State), Morley (Fresno State Fr); Aley (Univ. of San Francisco).....	6ft.3.5-6in
Broad jump—1, Wilson (Fresno State); 2, Taylor (San Jose State); 3, Dawson (San Diego State).....	24ft.4.1-2in
16-lb. shot—1, Allee (San Francisco State); 2, Forbes (Occidental); 3, White (Fresno State).....	48ft.5-8in
Discus—1, Forbes (Occidental); 2, Westfall (CalifAgri); 3, Allee (San Francisco State).....	147ft.7.3-4in
Javelin—1, Johnson (San Francisco State); 2, Cunningham (San Jose State); 3, White (Fresno State).....	191ft.6.1-2in

Oxford-Cambridge vs. Harvard-Yale

Harvard Stadium, Cambridge, Mass., July 8, 1933.

- 100 yds. run—9.8s.—1, Edward Calvin (Harvard); 2, Edward Davis (Cambridge); 3, Arthur Walsh (Yale); 4, John Hawes (Cambridge).
 220 yds. run—21.6s.—1, Edward Davis (Cambridge); 2, Edward Calvin (Harvard); 3, Francis Lane (Harvard); 4, Denis L. Rathbone (Cambridge).
 440 yds. run—48.4s.—1, Karl Warner (Yale); 2, Phillips Dodge (Harvard); 3, John Barnes (Oxford); 4, Robert Marsh (Cambridge).
 880 yds. run—1m. 54s.—1, N. Penrose Hallowell (Oxford); 2, John White (Harvard); 3, James C. Stothard (Cambridge); 4, John Morse (Harvard).
 1-mile run—4m. 12.6s.—1, John E. Lovelock (Oxford); 2, John Thurley (Yale); 3, Forbes Horan (Cambridge); 4, Alfred Hallowell (Harvard).
 2-mile run—9m. 22.6s.—1, Cyril J. Mabey (Oxford); 2, Arthur Foote (Harvard); 3, Allen Minor (Yale); 4, Walter S. Karran (Cambridge).
 120 yds. high hurdles—14.8s.—1, Charles Stanwood (Oxford); 2, George Lockwood (Yale); 3, John St.L. Thornton (Cambridge); 4, John Grady (Harvard).
 220 yds. low hurdles—24.2s.—1, Charles Stanwood (Oxford); 2, John St.L. Thornton (Cambridge); 3, John Grady (Harvard); 4, Charles Dunbar (Yale).
 High jump—6ft. 2 1/4in.—1, Keith Brown (Yale); 2, Charles Stanwood (Oxford); 3, Julian Barrett (Yale). (Only three competitors.)
 Broad jump—22ft. 11in.—1, Wyndham Hasler (Yale); 2, Tom Ritzman (Yale); 3, Kenneth S. Duncan (Oxford); 4, W. L. Lang (Oxford).
 Pole vault—13ft. 6 5/8in.—1, Keith Brown (Yale); 2, Wirt Thompson (Yale); 3, Oscar Sutermeister (Cambridge). (Only three competitors.)
 Shot put—44ft. 9 5/8in.—1, Arthur Jackson (Yale); 2, John Dean (Harvard); 3, Julius Byles (Oxford); 4, Ivan S. Ivanovich (Cambridge).
 Team Score—Harvard-Yale 9, Oxford-Cambridge 3 (on second places after tying on firsts).

Oxford-Cambridge vs. Princeton-Cornell

Palmer Stadium, Princeton, N. J., July 15, 1933.

- 100 yds. run—9.8s.—1, Richard F. Hardy (Cornell); 2, Donald Johnson (Princeton); 3, Edward Davis (Cambridge); 4, John Hawes (Cambridge).
 220 yds. run—21.9s.—1, Donald Johnson (Princeton); 2, Edward Davis (Cambridge); 3, Denis L. Rathbone (Cambridge); 4, Richard F. Hardy (Cornell).
 440 yds. run—48.5s.—1, Robert Kane (Cornell); 2, John Barnes (Oxford); 3, Robert Marsh (Cambridge); 4, Warren Rainear (Princeton).
 880 yds. run—1m. 53s.—1, William R. Bonthron (Princeton); 2, N. Penrose Hallowell (Oxford); 3, P. K. Vipond (Cornell); 4, James C. Stothard (Cambridge).
 1-mile run—4m. 7.6s.—1, John E. Lovelock (Oxford); 2, William R. Bonthron (4m. 8.7s.) (Princeton); 3, John Hazen (Cornell). Forbes Horan (Cambridge) did not finish.
 2-mile run—9m. 15.4s.—1, Joseph R. Mangan (Cornell); 2, Cyril J. Mabey (Oxford); 3, W. S. Karran (Cambridge); 4, P. F. Finch Jr. (Cornell).
 120 yds. high hurdles—14.8s.—1, John St.L. Thornton (Cambridge); 2, Charles Stanwood (Oxford); 3, George Willock Jr. (Princeton); 4, Frank Irving (Cornell).
 220 yds. low hurdles—24.1s.—1, Charles Stanwood (Oxford); 2, John St.L. Thornton (Cambridge); 3, George Willock Jr. (Princeton); 4, Frank Irving (Cornell).
 High jump—6ft. 1in.—1, Charles Stanwood (Oxford); 2, L. P. Wenzell Jr. (Princeton); 3, L. W. Collings Jr. (Cornell).
 Broad jump—22ft. 10 3/4in.—1, Paul Abt (Princeton); 2, Kenneth S. Duncan (Oxford); 3, D. V. Burns (Cornell); 4, W. L. Lang (Oxford).
 Pole vault—13ft. 2 3/8in.—1, J. Alexander McWilliams (Princeton); 2, Oscar Sutermeister (Cambridge); 3, Isadore Belloff (Cornell).
 Shot put—45ft. 11 1/4in.—1, Harrison Garrett (Princeton); 2, N. E. Martin (Cornell); 3, Julius Byles (Oxford); 4, Ivan S. Ivanovich (Cambridge).
 Team Score—Princeton-Cornell 8, Oxford-Cambridge 4 (on first places).

1933 COLLEGIATE HONOR ROLL

The Collegiate Honor Roll includes only performances by eligible college men representing their institutions in the season of 1933 and competing under the rules and standards recommended by the N.C.A.A. Indoor performances in the distance runs are listed separately. Records made with the benefit of favoring wind are not credited.

Outstanding performances of the 1934 season should be reported to T. N. Metcalf, University of Chicago.

100 YARDS DASH

Ralph Metcalfe (Marquette).....	9.4s	National Collegiate.
James A. Johnson (Illinois Nor.).....	9.5s	Illinois Nor. vs. So. Illinois Nor.
Willis Ward (Michigan).....	9.6s	Western Conference.
Peyton Glass (Oklahoma A&M).....	9.6s	All-Oklahoma Meet (trial).
Leonard Powers (Denver).....	9.6s	Rocky Mountain Conference.
Leland Ayres (Fresno State).....	9.6s	Fresno State vs. San Jose.
Paul Starr (Oregon).....	9.7s	Oregon vs. Oregon State.
Leslie Harbes (Stanford).....	9.7s	Stanford vs. So. California.
Ed L. Holloway (Rice).....	9.7s	Southwest Stock Show.
Frank Smith (Drake).....	9.7s	Missouri Valley Conference.
Edgar F. Meyer (Texas).....	9.7s	Southwest Conference.
Harold Huffman (Iowa Wesleyan).....	9.7s	Iowa Conference.
Michael Colletti (Loyola of Chicago).....	9.7s	Elmhurst Invitation.
Salvato (San Jose).....	9.7s	Far Western Conference.

100 METERS DASH

James A. Johnson (Illinois Nor.).....	10.4s	A.A.U. National Junior.
Ralph Metcalfe (Marquette).....	10.5s	A.A.U. National.
Leslie H. Ball (So. California).....	10.6s	I.C.A.A.A. (trial).

220 YARDS DASH

Ralph Metcalfe (Marquette).....	20.4s	National Collegiate.
Paul Starr (Oregon).....	20.9s	Oregon vs. Oregon State.
Frank Plumb (Washington).....	21.0s	Washington vs. Washington State.
Ira Littlejohn (Oklahoma A&M).....	21.1s	Oklahoma A&M vs. Wichita.
Leland Ayres (Fresno State).....	21.1s	Fresno State vs. San Jose.
Ed L. Holloway (Rice).....	21.2s	{Southwest Conference (trial) } Rice, Texas, Texas A&M.
John Brownlee (Duke).....	21.2s	Southern Conference.
Charles B. Parsons (So. California).....	21.2s	So. California vs. Occidental.
Edgar F. Meyer (Texas).....	21.3s	Southwest Conference.
Frank Smith (Drake).....	21.3s	Drake vs. Iowa State.
Gordon Lynn (Clemson).....	21.3s	Clemson vs. Georgia.
Leonard Powers (Denver).....	21.3s	Rocky Mountain Conference.

200 METERS DASH

Ralph Metcalfe (Marquette).....	21.1s	A.A.U. National.
Edwin E. Calvin (Harvard).....	21.1s	Harvard vs. Yale.
Robert J. Kane (Cornell).....	21.2s	Cornell vs. Princeton.
Edwin Hall (Kansas).....	21.2s	Missouri Valley A.A.U.
Howard M. Jones (Pennsylvania).....	21.3s	I.C.A.A.A.

440 YARDS RUN

Glen Hardin (Louisiana State).....	47.1s	National Collegiate.
Wendall Davis (Pitts. (Kan.) Tchrs).....	47.4s	Central Conference of Kansas.
James A. Johnson (Illinois Nor.).....	47.4s	Illinois Nor. vs. Illinois Wesleyan.
Ben Eastman (Stanford).....	47.5s	Stanford vs. Olympic Club (2 turns).
Edgar Ablowich (So. California).....	47.6s	National Collegiate (trial).
Ivan Fuqua (Indiana).....	48.0s	Indiana, Purdue, Illinois.
Hill Beverley Wellford (VMD).....	48.2s	Southern Conference.
Karl Warner (Yale).....	48.4s	Harvard-Yale vs. Oxford-Camb.
Alexander Cox (Texas).....	48.5s	Texas, Rice, Texas A&M.
Robert J. Kane (Cornell).....	48.5s	Cornell-Prince. vs. Oxford-Camb.
J. Mullins (Western State Tchrs).....	48.5s	Western State Tchrs. vs. Marquette.

400 METERS RUN

James E. Lu Valle (UCLA).....	46.9s	I.C.A.A.A.A.
Ivan Fuqua (Indiana).....	47.4s	A.A.U. National.
Karl W. Warner (Yale).....	48.0s	Yale vs. Harvard.
Edgar A. Ablowich (So. California).....	48.3s	I.C.A.A.A.A. (trial).

880 YARDS RUN

Charles Hornbostel (Indiana).....1:50.9
 Glenn Cunningham (Kansas).....1:52.4
 N. D. Rhoades (Emp.(Kan.)Tchrs).....1:52.8
 William R. Bonthron (Princeton).....1:53.0
 Elton Brown (Pittsbg.(Kan.)Tchrs).....1:54.1
 Earl Labertev (Iowa State).....1:54.7
 Elroy Robinson (Fresno State).....1:54.8
 Robert J. Jordan (Boston Coll).....1:55.2
 Vernon Guse (Iowa State).....1:55.5
 Charles Kilgo Bradsher (Duke).....1:55.6

Indoor

Charles Hornbostel (Indiana).....1:53.9

800 METERS RUN

Glenn Cunningham (Kansas).....1:51.0
 William R. Bonthron (Princeton).....1:53.5
 John B. White (Harvard).....1:55.1
 Otto W. Pongrace (Michigan State).....1:55.6

ONE MILE RUN

Glenn Cunningham (Kansas).....4:09.3
 Raymond Sears (Butler).....4:14.1
 Charles Hornbostel (Indiana).....4:15.1
 William Lauck (Virginia).....4:15.7
 Herbert Murray Lewis Jr. (Duke).....4:15.7
 William Howell (Michigan).....4:18.3
 Ward Hardman (Navy).....4:19.8
 L. J. Hutton (Illinois Nor.).....4:20.6
 Darling (New Hampshire).....4:22.2
 Kenneth Wills (Washington State).....4:22.3

Indoor

Glenn Cunningham (Kansas).....4:12.0
 R. Dean Woolsey (Illinois).....4:15.2
 Frank Crowley (Manhattan).....4:15.6
 Lyle Chapman (Iowa State).....4:20.2
 Ray Swartz (Western State Tchrs).....4:21.5

1500 METERS RUN

Glenn Cunningham (Kansas).....3:52.3
 William R. Bonthron (Princeton).....3:54.0

TWO MILE RUN

Joseph Mangan (Cornell).....9:15.4
 Myron Pibrow (Grinnell).....9:22.8
 Cliff Watson (Indiana).....9:29.9
 Joseph P. McCluskey (Fordham).....9:31.8
 H. Peden (Edmund (Okla.) Tchrs).....9:33.0
 Raymond Sears (Butler).....9:35.0
 William Hill (Michigan).....9:39.1
 Thomas C. Ottey (Michigan State).....9:39.7

Indoor

Joseph P. McCluskey (Fordham).....9:16.2
 Cliff Watson (Indiana).....9:26.1
 William Zepp (Michigan State).....9:35.3

3000 METERS RUN

John J. Ryan (Manhattan).....8:36.4

120 YARDS HURDLES

Jack Keller (Ohio State).....14.1s
 August W. Meier (Stanford).....14.2s
 Al Moreau (Louisiana State).....14.2s
 Charles Casper (Texas Christian).....14.1s
 E. Rodin (Wisconsin).....14.7s
 Marshall F. Dunkin (Oregon State).....14.7s
 H. Dray Williams (Pomona).....14.8s
 Robert C. Lyon (So. California).....14.8s
 John Herring (Texas A&M).....14.9s
 Carl Scheffler (Minnesota).....14.9s
 Robert Lee (DePauw).....14.9s
 Karl Sandbach (Purdue).....14.9s

National Collegiate.
 Big Six Conference.
 Central Conference of Kansas.
 Cornell-Prince, vs. Oxford-Camb.
 Central Intercollegiate.
 Iowa Collegiate.
 West Coast Relays.
 New England Intercollegiate.
 Iowa State vs. Drake.
 North Carolina State.

Western Conference.

RUN

Missouri Valley A.A.U.
 I.C.A.A.A.A.
 Harvard vs. Yale.
 I.C.A.A.A.A. (trial).

National Collegiate.
 Central Intercollegiate.
 Indiana, Purdue, Illinois.
 Virginia vs. Navy.
 Southern Conference.
 Michigan vs. Illinois.
 Navy vs. Army.
 Illinois Intercollegiate.
 New England Intercollegiate.
 Northern Division, Pacific Coast.

K. of C. Games.
 Western Conference.
 I.C.A.A.A.A.
 Iowa Collegiate.
 Central Intercollegiate.

A.A.U. National.
 I.C.A.A.A.A.

Cornell-Prince, vs. Oxford-Camb.
 National Collegiate.
 Western Conference.
 Metropolitan Collegiate.
 Oklahoma Collegiate Conference.
 Drake Relays.
 Michigan vs. Illinois.
 Michigan State vs. Marquette.

I.C.A.A.A.A.
 Western Conference.
 Central Intercollegiate.

I.C.A.A.A.A.

Western Conference.
 National Collegiate.
 Louisiana State vs. Tulane
 Southwest Conference.
 Wisconsin vs. Minnesota.
 Northern Division, Pacific Coast.
 So. California Conference.
 So. California vs. California.
 Texas A&M vs. Rice.
 Drake Relays (trial).
 DePauw vs. Purdue.
 Indiana State Meet.

110 METERS HURDLES

Robert C. Lyon (So. California).....14.7s I.C.A.A.A.A. (trial).
 August W. Meier (Stanford).....14.7s I.C.A.A.A.A. (trial).
 Al Moreau (Louisiana State).....14.8s A.A.U. National Junior.

220 YARDS HURDLES

Glen Hardin (Louisiana State).....22.9s National Collegiate.
 Norman Paul (So. California).....23.0s So. California vs. Stanford.
 D. Erackon (Washington).....23.2s Northern Division, Pacific Coast.
 Charles Casper (Texas Christian).....23.4s Southwest Conference.
 Al Moreau (Louisiana State).....23.5s Louisiana State vs. Tulane.
 Jack Keller (Ohio State).....23.5s Western Conference (turn).
 E. K. Bacon (Denison).....23.5s Ohio Conference.
 George Morris (Colorado Agri.).....23.6s Rocky Mountain Conference.
 E. L. Haring (Emporia (Kan.) Tchrs).....23.7s Central Conference of Kansas.
 Alden Herbert (Stanford).....23.7s {Stanford-So. California.
 {Stanford-San Francisco.

200 METERS HURDLES

Aldon Herbert (Stanford).....23.4s I.C.A.A.A.A.
 Heye Lambertus (Nebraska).....23.4s A.A.U. National.
 John C. Grady (Harvard).....23.5s Harvard vs. Yale.

POLE VAULT

William Graber (So. California).....14ft 2 $\frac{3}{4}$ in So. California vs. Stanford.
 Keith S. Brown (Yale).....14ft 1 $\frac{3}{4}$ in {Yale vs. Harvard
 {K. of C. Games.
 William W. Miller (Stanford).....14ft {Stanford vs. San Francisco
 {Stanford vs. Olympic Club.
 Matthew Gordy (Louisiana State).....14ft {National Collegiate.
 {A.A.U. National.
 E. E. Lenington (Illinois).....13ft 10in Western Conference Indoor.
 John W. Wonsowitz (Ohio State).....13ft 10in A.A.U. National.
 Wirt L. Thompson Jr. (Yale).....13ft 9 $\frac{3}{4}$ in I.C.A.A.A.A. Indoor.
 Bernard W. Deacon (Stanford).....13ft 9 $\frac{3}{4}$ in Stanford vs. California.
 I. R. Seeley (Illinois).....13ft 8in Drake Relays.
 Ray Lowry (Michigan State).....13ft 6 $\frac{3}{4}$ in Central Intercollegiate.

HIGH JUMP

Walter Marty (Fresno State).....6ft 8 $\frac{1}{2}$ in West Coast Relays.
 Howard R. Spencer (Geneva).....6ft 7 $\frac{1}{2}$ in A.A.U. National Indoor.
 George Spitz (NYU).....6ft 6 $\frac{1}{2}$ in I.C.A.A.A.A.
 Keith S. Brown (Yale).....6ft 6 $\frac{1}{2}$ in Yale vs. Harvard.
 Lloyd G. Richey (Alabama Poly).....6ft 6 $\frac{1}{2}$ in Alabama Poly vs. Georgia Tech.
 Willis Ward (Michigan).....6ft 5 $\frac{1}{2}$ in Butler Relays.
 Robert Van Osdel (So. California).....6ft 5 $\frac{1}{2}$ in I.C.A.A.A.A.
 F. Stambach (Pitts.(Kan.)Tchrs).....6ft 5 $\frac{1}{2}$ in Central Conference of Kansas.
 Vincent Murphy (Notre Dame).....6ft 5 $\frac{1}{2}$ in Notre Dame vs. Marquette.
 Worth Watkins (Abilene Chris.).....6ft 5in Abilene Christian vs. Texas.

BROAD JUMP

Donald Grey (Nebraska).....24ft 7 $\frac{1}{2}$ in Big Six Conference.
 Lewis Hale (Rice).....24ft 6 $\frac{1}{2}$ in Southwest Conference.
 John M. Brooks (Chicago).....24ft 5 $\frac{1}{2}$ in {Western Conference.
 {A.A.U. National.
 C. Crouch (Indiana).....24ft 4 $\frac{1}{2}$ in Indiana vs. Illinois.
 Floyd Wilson (Fresno State).....24ft 4 $\frac{1}{2}$ in West Coast Relays.
 Norman Paul (So. California).....24ft 4 $\frac{1}{2}$ in West Coast Relays.
 Henry M. Little (Wm. & Mary).....24ft 4 $\frac{1}{2}$ in I.C.A.A.A.A.
 Gerald Kepner (Wichita).....24ft 2 $\frac{1}{2}$ in Central Conference of Kansas.
 Willis Ward (Michigan).....24ft 2in Michigan vs. Illinois.
 Armin Dreusicke (Elmhurst).....24ft 2in Elmhurst Invitation.

SHOT PUT

Jack Torrance (Louisiana State).....52ft 10in National Collegiate.
 John Lyman (Stanford).....52ft 8 $\frac{1}{2}$ in I.C.A.A.A.A.
 Gordon Dunn (Stanford).....51ft 11in Stanford vs. So. California.
 Nelson Gray (Stanford).....51ft 3 $\frac{1}{2}$ in Stanford vs. Olympic Club.
 Hueston Harper (So. California).....51ft I.C.A.A.A.A.
 Elydn Dees (Kansas).....50ft 9in Kansas vs. Missouri.
 Robert R. Dues (Detroit City Coll).....49ft 10 $\frac{1}{2}$ in A.A.U. National Indoor.
 B. M. Irwin (Texas A&M).....49ft 7 $\frac{1}{2}$ in Southwest Conference.
 Halwen Dunker (Wash. State).....49ft 7 $\frac{1}{2}$ in Northern Division, Pacific Coast.
 Richard Moorman (Army).....49ft 5in Army vs. Navy.

JAVELIN

Duane Purvis (Purdue).....216ft 6 1/4in
 Clarence M. Sample (Arizona).....211ft 4 3/4in
 Warren Demarais (Oregon).....209ft 7 1/2in
 John Mottram (Stanford).....209ft 3/4in
 C. L. Klaerner (Rice).....206ft 5in
 Warren Demarais (Oregon).....205ft 9in
 Horace P. Odell (Manhattan).....205ft 7/8in
 Kenneth McKenzie (So. Calif.).....204ft 1 1/2in
 George W. Wentz (Colgate).....204ft 9/16in
 James Waterbury (California).....204ft 7in
 Nathan Blair (Louisiana State).....204ft 4 3/4in

National Collegiate.
 } Border Conference.
 } National Collegiate.
 National Collegiate.
 Stanford vs. So. California.
 Rice vs. Louisiana State.
 Northern Division, Pacific Coast
 I.C.A.A.A.A.
 Stanford vs. So. California.
 Penn Relays.
 California vs. Stanford.
 A.A.U. National Junior.

HAMMER

Peter Zaremba (NYU).....169ft 4in
 Donald E. Favor (Maine).....165ft 9 3/4in
 Vicor T. Malin (Yale).....165ft 7in
 Henry Dreyer (R. I. State).....165ft 7 3/4in
 Chas. Moosliszewski (R. I. State).....165ft 6 1/4in

I.C.A.A.A.A.
 I.C.A.A.A.A.
 I.C.A.A.A.A.
 I.C.A.A.A.A.
 New England Intercollegiate.
 I.C.A.A.A.A.

DISCUS

Henri Laborde (Stanford).....163ft 10 1/4in
 Gordon Dunn (Stanford).....157ft 3 3/4in
 Joseph C. Petty (Rice).....155ft 8 1/2in
 W. Busbee (Indiana).....154ft 5 1/4in
 B. M. Irwin (Texas A&M).....153ft 6in
 Jack Trance (Louisiana State).....152ft 6 1/2in
 Nelson Gray (Stanford).....152ft 6in
 John H. Dean (Harvard).....151ft 6in
 D. White (Pittsburg (Kan.) Tchrs).....151ft
 John J. Healey (Harvard).....151ft

Stanford vs. Olympic Club.
 A.A.U. Relays, Long Beach.
 Southwest Conference.
 Indiana State Meet.
 Southwest Conference
 Louisiana State vs. Rice.
 West Coast Relays.
 I.C.A.A.A.A.
 National Collegiate.
 I.C.A.A.A.A.

440 YARDS RELAY

Oklahoma A&M (K. Gallagher, Littlejohn, F. Harrington, Glass).....41.4s
 Illinois (Carroll, Christiansen, Kennicott, Helmich).....41.5s
 Southern California (Koenig, Osburn, Ball, Parsons).....41.6s

Kansas Relays.
 Kansas Relays.
 West Coast Relays.

880 YARDS RELAY

Illinois (Carroll, Christiansen, Kennicott, Helmich).....1:26.7
 Ohio State (Willey, Teitlebaum, Stapp, Keller).....1:27.1
 Southern California (Koenig, Osburn, Ball, Parsons).....1:27.2

Kansas Relays.
 Penn Relays.
 West Coast Relays.

ONE-MILE RELAY

Pittsburg (Kan.) Tchrs (German, Swisher, Terwilliger, Davis).....3:16.6
 Pennsylvania (Edwards, Jones, Carr, Healey).....3:17.0
 Pennsylvania (Edwards, Jones, Schaefer, Healey).....3:17.2
 Indiana (Harpold, Bicking, Hornbostel, Fuqua).....3:17.2
 Southern Calif. (Reed, Carter, Tompkins, Ablowich).....3:17.4
 Okla. Baptist (McMillan, Bradley, Perry, Barton).....3:17.4

{ Central Intercol.
 } Cen. Conf. of Kan.
 I.C.A.A.A.A. Indoor.
 Penn Relays.
 Kansas Relays.
 West Coast Relays.

TWO-MILE RELAY

Princeton (Hopkins, Whitton, Johnston, Bonthron).....7:46.2
 Columbia (Keville, Grady, Gilmore, Patterson).....7:50.3
 Pitts. (Kan.) Tchrs (Bell, O'Reilly, Brown, Smith).....7:50.4
 Emporia (Kan.) Tchrs (Knight, Morgan, Bridges, Rhoades).....7:50.4
 Iowa State (Chisholm, Guse, Chapman, Labertew).....7:50.9

I.C.A.A.A.A. Indoor.
 Penn Relays.
 Hastings Relays.

FOUR-MILE RELAY

N. Y. U. (Mokner, Grodman, Nordwell, Barker).....17:45.5
 Indiana (Lockridge, Neese, Watson, Hornbostel).....17:54.6
 Grinnell (McIlrath, Pfeifer, Gordon, Pilbrow).....18:11.9

Kansas Relays.
 Drake Relays.

DISTANCE MEDLEY RELAY

Manhattan (McGeough, Burns, Ryan, Crowley).....10:14.0
 Indiana (Fuqua, Harpold, Hornbostel, Watson).....10:20.4
 So. Calif. (Ablowich, Ashcraft, Fouts, Benaridez).....10:22.3

Penn Relays.
 Drake Relays.
 West Coast Relays.

SPRINT MEDLEY RELAY

Abilene Christian (Green, Nowell, Ward, Simmons).....3:29.8
 Princeton (Johnson, Weaver, Rainear, Bonthron).....3:30.9

Drake Relays.
 Penn Relays.

480 YARD SHUTTLE HURDLE RELAY

Southern California (Jones, Berry, Lyon, Welsh).....1:01.6
 Minn. (Kilbourne, Laroque, Knoblauch, Scheiffly).....1:02.3
 Pennsylvania (Condit, Walters, Munger, Pfeifer).....1:02.8

West Coast Relays.
 Kansas Relays.
 Penn Relays.

Best Records Made by American College Men

The National Collegiate Athletic Association has a Records Committee whose duty it is to pass upon all claims for new records. In case of a claim for a record, the parties concerned should communicate with Mr. A. A. Stagg, College of the Pacific, Stockton, Calif., the Chairman of the Committee.

The attached list of best records made by American college men, while they were undergraduates or since they have left college, has been passed upon and accepted by the National Collegiate Athletic Association Records Committee. With few exceptions the holders of world records were college athletes. Events indicated with star (*) are best college records only; all others are world records.

100 YARDS RUN—9.4s

G. S. Simpson, Ohio State, 1929
 Hubert Meier, Iowa State, 1930
 Frank Wykoff, So. California, 1930
 Ralph Metcalfe, Marquette, 1933

220 YARDS RUN—20.4s

Ralph Metcalfe, Marquette, 1933

440 YARDS RUN—46.4s

Ben Eastman, Stanford, 1932

880 YARDS RUN—1m. 50.9s

Ben Eastman, Stanford, 1932
 Charles Hornbostel, Indiana, 1933

1 MILE RUN*—4m. 9.8s

Glenn Cunningham, Kansas, 1933

2 MILE RUN*—9m. 13.6s

Harry A. Brocksmith, Indiana, 1932

120 YARDS HURDLES—14.1s

(Ten 3ft. 6in. hurdles)
 George Saling, Iowa, 1932

220 YARDS HURDLES—22.7s

(Ten 2ft. 6in. hurdles)
 Jack Keller, Ohio State, 1932

440 YARDS HURDLES—52.6s

(Ten 3ft. hurdles)
 John A. Gibson, Fordham, 1927

RUNNING HIGH JUMP—6ft. 8 5/8in

Walter Marty, Fresno State, 1933

RUNNING BROAD JUMP*—25ft. 11 1/8in

Edward R. Hamm, Georgia Tech, 1928

POLE VAULT—14ft. 4 3/8in

William N. Graber, So. Calif., 1932

16-LB. SHOT PUT—53ft. 1-2in

Leo J. Sexton, Georgetown, 1932

HAMMER THROW*—181ft. 6 1-2in

Frederick D. Tootell, Bowdoin, 1923

DISCUS THROW—169ft. 8 7-8in

Paul Jessup, Univ. of Washington, 1930

JAVELIN THROW*—220ft. 11 1-4in

Kenneth M. Churchill, California, 1931

RELAY RACING

QUARTER-MILE—40.8s

Southern California (R. M. Delby, M. Maurer, M. T. Guyer, F. C. Wykoff), 1931

HALF-MILE—1m. 25.8s

Southern California (H. C. Smith, E. L. House, W. Lewis, C. E. Borah), 1927

1 MILE—3m. 12.6s

Stanford (Maynor Shove, Alvin Hables, Leslie Hables, Ben Eastman), 1931

2 MILES*—7m. 42s

Georgetown (E. J. Swinburne, J. C. Holden, W. Sullivan, G. M. Marsters), 1925

4 MILES*—17m. 37.8s

Illinois (W. C. Gould, H. C. Carrison, R. D. Woolsey, P. B. Evans), 1931

SPRINT MEDLEY—3m. 27.6s

(440, 220, 220, 880)
 Ohio State (L. S. Wise, P. F. Strother, J. J. Fazekas, R. P. Beetham), 1931

DISTANCE MEDLEY—10m. 14s

(440, 880, 1320, mile)
 Manhattan (W. L. McGeough, J. M. Burns, J. J. Ryan, F. A. Crowley), 1933

Best Records Made by Undergraduates in Intercollegiate Competition

EVENT.	RECORD.	HOLDER.	AFFILIATION.	MEET.	HELD AT.	DATE.
100 yds. dash	9.4s.	G. S. Simpson	Ohio State	N.C.A.A. Meet	Chicago	June 8, 1929
		Hubert Meier	Iowa State	Big Six Meet	Lincoln, Neb.	May 24, 1930
		Frank Wykoff	So. California	N.C.A.A. Meet	Chicago	June 7, 1930
		Ralph Metcalfe	Marquette	N.C.A.A. Meet	Chicago	June 17, 1933
220 yds. dash	20.4s.	Ralph Metcalfe	Marquette	N.C.A.A. Meet	Chicago	June 17, 1933
440 yds. run	47s.	W. A. Carr	Pennsylvania	I.C.A.A.A.A. Meet	Berkeley, Calif.	July 2, 1932
880 yds. run	1m. 50.9s.	Charles Hornbostel	Indiana	N.C.A.A. Meet	Chicago	June 17, 1933
1-mile run	4m. 9.8s.	Glenn Cunningham	Kansas	N.C.A.A. Meet	Chicago	June 17, 1933
2-mile run	9m. 13.6s.	H. A. Brocksmith	Indiana	Drake Relays	Des Moines	Apr. 30, 1932
120 yds. hurdles	14.1s.	George Saling	Iowa	N.C.A.A. Meet	Chicago	June 11, 1932
220 yds. hurdles	22.7s.	Jack Keller	Ohio State	N.C.A.A. Meet	Chicago	June 11, 1932
16-lb. shot	52ft. 10in.	Jack Torrance	Louisiana State	N.C.A.A. Meet	Chicago	June 17, 1933
16-lb. hammer	181ft. 6 1-2in.	F. D. Tootell	Bowdoin	I.C.A.A.A.A. Meet	Philadelphia	May 25, 1923
Javelin	220ft. 11 1-4in.	K. M. Churchill	California	I.C.A.A.A.A. Meet	Philadelphia	May 30, 1931
High jump	6ft. 7 7-8in.	Bert Nelson	Butler	Central Intercollegiate	Milwaukee	June 3, 1932
Broad jump	25ft. 10 7-8in.	DeHart Hubbard	Michigan	N.C.A.A. Meet	Chicago	June 13, 1925
Discus	167ft. 5 3-8in.	E. C. W. Krenz	Stanford	Calif. Intercollegiates	Palo Alto, Calif.	May 17, 1930
Pole Vault	14ft. 1-2in.	W. N. Graber	So. California	I.C.A.A.A.A. Meet	Philadelphia	May 30, 1931
		Keith S. Brown	Yale	Penn Relays	Philadelphia	Apr. 29, 1933
35-lb. weight	54ft. 9in.	F. A. Steiner	Pennsylvania	I.C.A.A.A.A. (Indoor)	New York	Mar. 7, 1931

RELAYS.

440 yds. (4x110), 41.1s.—University of Kansas (Coffman, Sickel, Jones, Klaner)	Kansas Relays	Apr. 18, 1931
880 yds. (4x220), 1m. 26.5s.—University of Kansas (Coffman, Gridley, Sickel, Klaner)	Kansas Relays	Apr. 18, 1931
1-mile (4x440), 3m. 14.3s.—Stanford Univ. (Shove, L. I. Hables, A. A. Hables, Eastman)	Stan. vs. So. Cal.	May 2, 1931
2-mile (4x880), 7m. 42s.—Georgetown University (Swinburne, Holden, Sullivan, Marsters)	Penn Relays	Apr. 25, 1925
4-mile (4x1m.), 17m. 37.8s.—Univ. of Illinois (Gould, Carrison, Woolsey, Evans)	Kansas Relays	Apr. 18, 1931
Sprint Medley (440, 220, 220, 880), 3m. 27.6s.—Ohio State Univ. (Wise, Strother, Fazekas, Beetham)	Penn Relays	Apr. 24, 1931
Distance Medley (440, 880, 1320, mile), 10m. 14s.—Manhattan (McGeough, Burns, Ryan, Crowley)	Penn Relays	Apr. 28, 1933

1933 INTERSCHOLASTIC HONOR ROLL

COMPILED BY E. A. THOMAS.

The writer has endeavored to collect the results of all state high school meets and other important championship events in the country. From the reports sent in an honor roll has been compiled. The best recorded performances in each event during the 1933 season are listed, and outstanding performances during the 1934 season should be reported to E. A. Thomas, 315 West 10th Street, Topeka, Kansas.

Reports of all meets and performances should be accompanied by a report on the weather conditions. No doubt several performances recorded in the following list were made possible by favorable breezes and winds, but in only one or two cases were these facts indicated. Any detailed information that will assist in the compilation of an honor roll that will really be worth while will be appreciated.

100 YARDS DASH

Owen (East Tech, Cleveland).....	9.4s	Chicago Univ. Meet.
McNulty (Hillhouse H.S., New Haven, Conn.).....	9.6s	State Meet.
Nelson (Clinton, Iowa).....	9.7s	State Meet.
Helbing (North Side H.S., Fort Worth, Tex.).....	9.7s	State Meet.
McWilliams (Commerce H.S., San Francisco).....	9.7s	City Meet.
Anderson (Muir Tech, Pasadena, Calif.).....	9.7s	Foothill League Meet.
Grieve (Glen Ellyn, Ill.).....	9.8s	Chicago Univ. Meet.
Torobio (Jesuit H.S., New Orleans).....	9.8s	State Meet.
Scott (Stigler, Okla.).....	9.8s	Okla. City Univ. Meet.
Matthews (Chickasha, Okla.).....	9.8s	Oklahoma A&M Meet.

220 YARDS DASH

Owen (East Tech, Cleveland).....	20.7s	Chicago Univ. Meet.
Helbing (North Side H.S., Fort Worth, Tex.).....	20.8s	State Meet.
Torobio (Jesuit H.S., New Orleans).....	21s	State Meet.
Anderson (Muir Tech, Pasadena, Calif.).....	21.2s	So. California Meet.
McNulty (Hillhouse H.S., New Haven, Conn.).....	21.3s	State Meet.
Nelson (Clinton, Iowa).....	21.3s	State Meet.
Matthews (Chickasha, Okla.).....	21.6s	Oklahoma A&M Meet.
Packard (Rockford, Ill.).....	21.8s	State Meet.
Neil (Grandview, Mo.).....	21.9s	State Meet.

440 YARDS RUN

Gillette (El Centro, Calif.).....	48.3s	So. California Meet.
Brown (Kansas Vocational School).....	49.3s	Chicago Univ. Meet.
McCaskill (North H.S., Wichita, Kan.).....	49.4s	State Meet.
Brown (St. John's H.S., New York City).....	49.6s	P.S.A.L. Meet.
Parsons (Plymouth, Ind.).....	49.6s	State Meet.
Bush (Sunset H.S., Dallas, Tex.).....	49.8s	Chicago Univ. Meet.
Ford (Froebel H.S., Gary, Ind.).....	50s	State Meet.
Medlin (Tulsa, Okla.).....	50.3s	Oklahoma A&M Meet.
Phillips (University H.S., Iowa City).....	50.4s	State Meet.

880 YARDS RUN

Bush (Sunset H.S., Dallas).....	1:54.4	Chicago Univ. Meet.
Graves (Cherokee, Iowa).....	1:55.2	Chicago Univ. Meet.
Trutt (Hammond, Ind.).....	1:57.9	State Meet.
Nickerson (Polytechnic H.S., Los Angeles).....	1:58.3	So. California Meet.
McCurdy (Tamalpais H.S., Mill Valley, Calif.).....	1:58.5	District Meet.
Rideout (Tuscola, Ill.).....	1:59.4	State Meet.
Fetters (Kirksville, Mo.).....	2:00	State Meet.

ONE MILE RUN

Rideout (Tuscola, Ill.).....	4:25.2	State Meet.
Gardner (Hastings, Mich.).....	4:28.4	Chicago Univ. Meet.
Hooper (Antelope Valley H.S., Lancaster, Calif.).....	4:29.2	State Meet.
Spencer (Lawrenceville, N. J.).....	4:30	State Meet.
Lash (Auburn, Ind.).....	4:30.5	State Meet.
Hanshaw (Woodrow Wilson H.S., Dallas).....	4:31.2	State Meet.
Morris (Lincoln, Neb.).....	4:32.5	State Meet.
VanWelden (Atchison, Kan.).....	4:33	State Meet.

120 YARDS HIGH HURDLES

Cope (Classen H.S., Oklahoma City).....	14.7s	Oklahoma A&M Meet.
Kirkpatrick (El Centro, Calif.).....	14.8s	Divisional Meet.
Daniel (Eastland, Texas).....	14.9s	State Meet.
Staley (Santa Monica, Calif.).....	14.9s	So. California Meet.
Abrams (Froebel H.S., Gary, Ind.).....	15.4s	State Meet.
Landers (Arkansas City, Kan.).....	15.5s	State Meet.
McMullen (John Marshall H.S., Richmond, Va.).....	15.5s	State Meet.

220 YARDS LOW HURDLES

Fawley (John Marshall H.S., Richmond, Va.).....	23.7s	Chicago Univ. Meet.
McGarraugh (Edison, Texas).....	23.8s	State Meet.
Cope (Classen H.S., Oklahoma City).....	24s	Oklahoma A&M Meet.
Kirkpatrick (El Centro, Calif.).....	24s	So. California Meet.
Barthe (Istrouma, La.).....	24.3s	State Meet.
Staley (Santa Monica, Calif.).....	24.4s	Divisional Meet.
Abrams (Froebel H.S., Gary, Ind.).....	24.5s	State Meet.

SHOT PUT

Geniawicz (Clark H.S., Hanover, N.H.).....	56ft 4in	Amherst Invitation.
Maurier (St. John's H.S., New York City).....	55ft 1½in	P.S.A.L. Meet.
Donaldson (Hollywood, Calif.).....	54ft 3in	State Meet.
Francis (Oberlin, Kan.).....	53ft 7¾in	K.U. Invitation.
Blake (Alexandria, Ind.).....	53ft 5½in	Sectional Meet.
Asbell (John Regan H.S., Houston, Texas).....	53ft 2in	State Meet.
Bruder (Technical H.S., Indianapolis).....	52ft 5¾in	Kokomo Relays.
Strode (Jefferson H.S., Los Angeles).....	52ft 5in	State Meet.

POLE VAULT

Noble (Arkansas City, Kan.).....	13ft 4¼in	Chicago Univ. Meet.
Veroff (Balboa H.S., San Francisco).....	13ft 3¼in	City Meet.
Meadows (Central H.S., Fort Worth, Texas).....	13ft 1½in	State Meet.
Harrison (Santa Monica, Calif.).....	12ft 7in	So. California Meet.
McCarthy (Fremont H.S., Los Angeles).....	12ft 7in	So. California Meet.
Gage (Santa Barbara, Calif.).....	12ft 7in	So. California Meet.
Clarke (Herbert Hoover H.S., Glendale, Calif.).....	12ft 7in	So. California Meet.

HIGH JUMP

Johnson (Los Angeles H.S.).....	6ft 7in	A.A.U. National Meet.
Spurgeon (Centralia, Ill.).....	6ft 5½in	State Meet.
Gracin (Froebel H.S., Gary, Ind.).....	6ft 3¾in	State Meet.
Walker (Libby H.S., Toledo, Ohio).....	6ft 3 8/10in	State Meet.
Lewis (Technical H.S., Dallas, Texas).....	6ft 3¼in	State Meet.
Stanton (Jordan H.S., Los Angeles).....	6ft 3in	So. California Meet.
Anderson (Gardena, Calif.).....	6ft 3in	State Meet.
Newson (Yukon, Okla.).....	6ft 3in	Okla. City U. Meet.

BROAD JUMP

Owen (East Tech, Cleveland).....	24ft 9¾in	Chicago Univ. Meet.
Trumbley (Oakland, Calif.).....	23ft 3¾in	District Meet.
Benke (John Marshall H.S., Los Angeles).....	23ft 3in	Western League Meet.
Parker (Lamoni, Iowa).....	23ft 1¾in	Chicago Univ. Meet.
Clifford (Weslaco, Texas).....	23ft	State Meet.
Papin (Iola, Kan.).....	22ft 11¾in	State Meet.
Brown (Central H.S., Providence, R.I.).....	22ft 10in	District Meet.
Ramos (Jefferson H.S., Los Angeles).....	22ft 10in	So. California Meet.

DISCUS THROW

Geniawicz (Clark H.S., Hanover, N.H.).....	145ft 7in	State Meet.
Winters (North H.S., Wichita, Kan.).....	136ft 9¾in	Chicago Univ. Meet.
Costigan (Buffalo Center, Iowa).....	133ft 9¾in	State Meet.
Rabb (North H.S., Akron, Ohio).....	131ft 7in	State Meet.
Francis (Oberlin, Kan.).....	131ft 5in	Fort Hays Relays.
Maney (Cleveland, Okla.).....	130ft 5in	Oklahoma A&M Meet.
Smith (Mansfield, Ohio).....	129ft 4¾in	Chicago Univ. Meet.
Blackwell (Arkansas City, Kan.).....	129ft 1½in	K.U. Interscholastics.

JAVELIN THROW

Rittel (Rock Creek, Kan.).....	201ft 7in	Jeff. Co. League Meet.
Jones (Walters, Okla.).....	197ft 4¼in	Chicago Univ. Meet.
Taano (Ashtabula, Ohio).....	197ft 2in	Chicago Univ. Meet.
Milner (Colmesneil, Texas).....	192ft 9in	State Meet.
Paynich (Paw Paw, Mich.).....	184ft 3¼in	Chicago Univ. Meet.
Englebrecht (Bloomington, Ill.).....	182ft 9in	District Meet.
Kirsten (Western Hills H.S., Cincinnati).....	174ft 9in	State Meet.

880 YARDS RELAY

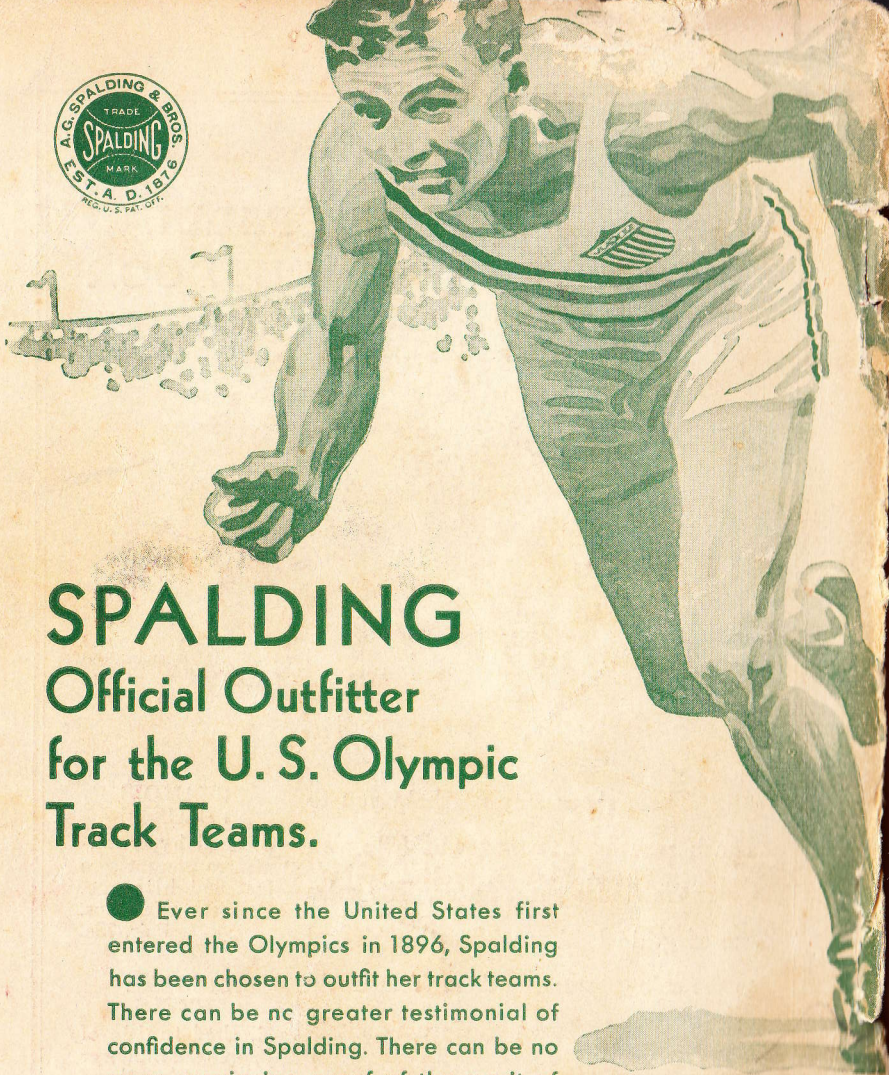
Los Angeles H.S.....	1m 28.3s	State Meet.
Riis, Calif.....	1m 30s	C.I.F. Meet.
East Technical H.S., Cleveland.....	1m 30.3s	State Meet.
Oak Park, Ill.....	1m 30.9s	State Meet.
Ottawa, Kan.....	1m 31s	State Meet.
Clinton, Iowa.....	1m 31.4s	State Meet.

ONE MILE RELAY

Port Arthur, Texas.....	3m 26.2s	State Meet.
North H.S., Wichita, Kan.....	3m 26.3s	Chicago Univ. Meet.
John Marshall H.S., Richmond, Va.....	3m 27.5s	State Meet.
Froebel H.S., Gary, Ind.....	3m 30.3s	State Meet.
Lakewood, Ohio.....	3m 30.9s	State Meet.
Central H.S., South Bend, Ind.....	3m 31.2s	State Meet.

MEDLEY RELAY (230,110,440,880)

El Dorado, Kan.....	3m 28s	State Meet.
Kansas Vocational School.....	3m 31.5s	State Meet.
Charleston, W. Va.....	3m 32s	State Meet.



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