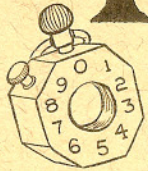


# TRACK NEWSLETTER



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### NEWS

#### INDOORS

DORTMUND, Germany, Jan. 24: 55m(60y5 $\frac{1}{2}$ "') Delecour, France, 6.1; Radford, GB, 6.3; Stumpen, G, 6.3; 55mH Gerbig 7.7; 400m-Radusch 50.4; 800m-Schmidt 1:54.3, Smith, GB, 1:55.4; Caraftis, US, 1:55.6. 1000m-Flomm 2:29.5. 1500m-Schwarte 3:50.7; Blagrove, GB, 3:51.4; Jochman, Poland, 3:56.6. 3000m-Muller 8:13; Chromik, Poland, 8:13.6; Clark, GB, 8:22.6. 1600mRelay-OSV 3:21.8. HJ-Pettersson, Sweden, 6'6 $\frac{3}{4}$ ". PV-Krzesinski, Poland, 14'1 $\frac{1}{4}$ ". Shot-Meconi, Italy, 58'9 $\frac{1}{2}$ "; Rowe, GB, 56'7 $\frac{1}{4}$ "; Wegmann 54'11 $\frac{1}{2}$ "; Bantum, US, 53'9".

KIEL, Jan. 25: Waern, Sweden, 1000m in 2:34; Dohrow 2:34.2; Lawrenz 3:35; Brenner.

KIEL, Jan. 26: Rowe, GB, 59'5 $\frac{3}{8}$ " (best ever by European); Meconi 58'11 $\frac{7}{8}$ "; Bantum 54'11 $\frac{1}{2}$ "; Wegmann 54'6 $\frac{3}{4}$ ". 3000m-Muller 8:40.8; Clark, GB, 8:41.6. 800m-Starke 1:56.6; Caraftis 1:56.8. 1500m-Blagrove 4:00.9; Chromik 4:01.5; Jochman 4:02.2. HJ-Andersson, Sweden 6'6 $\frac{3}{4}$ "; 50m-Radford 5.8; BJ-Kruger 24'1";

WOLFSBURG, Germany, Jan. 28: 800m-Blatt 1:56.9; Caraftis 1:57.8. 1500m-Jochman 4:03.0. 3000m-Muller 8:15.4; Chromik 8:23.8. HJ-Andersson, Dahl, 6'6 $\frac{3}{4}$ ". SP-Meconi 56'9 $\frac{7}{8}$ "; Bantum 55'3 $\frac{3}{4}$ "; Wegmann 54'5 $\frac{7}{8}$ ".

EAST BERLIN, Feb. 1--3000m-Buhl 8:11.6; Grodotzki 8:12.6.

WARSAW, Jan. 18: 80m (87y17") Zielinski 8.9; Foik, Poland, 8.9; 80mH-Kardas 11.0; PV-Wazny 14'1 $\frac{1}{4}$ "; Krzesinski 14'1 $\frac{1}{4}$ "; HSJ-Malcherczyk 50'5 $\frac{7}{8}$ ". Jan. 24: BJ-Franczak 24'7 $\frac{5}{8}$ "; Kropidowski 24'5 $\frac{1}{2}$ "; 80m-Foik 8.9; 800m-Kupczyk 1:53.8; Bruskowski 1:54.3; PV-Wazny 14'1 $\frac{1}{4}$ "; HSJ-Malcherczyk 50'1 $\frac{5}{8}$ "; Jan. 25 80mH-Bugala 10.7; HJ-Lewandowski 6'4 $\frac{3}{4}$ ";

MICHIGAN AAU, Ann Arbor, Jan. 31: 60-Hayes Jones, EMC, 6.2 ("broken ankle" got well in a hurry); Jacobs, Chi, 6.3; Gregg, Mich, 6.3; 600-Dave Mills, 1:11.2; 1000-Ed VanderHeuval 2:14.7; Mile-Mauri Jormakka, EMC, 4 15.8; 2-mile-Gar Williams, Chi, 9:27.7; 65HH-Jones 8.0; McRae, unat, 8.1; Stanger, Mich, 8.1; 65LH-Jones 7.4; Cephas, Mich, 7.5; HJ-Richardson, CTC, 6'8"; Cephas, Mich, 6'6"; Floyd Smith, UCTC, 6'6"; Mark Smith, 6'6"; PV-Landstrom, Mich, 14'8"; Hoyle, UCTC, 14'8"; Beckner, WM, 14'; BJ-Les Bird, Mich, 23'5"; 880R-UCTC 1:31.2; Mile R-Michigan 3:22.7; 2 Mile R-Loyola 7:49.5; Sprint Medley R-Michigan 3:33.9; DistMedR-West Mich 10:19.1; 200HR-Michigan 25.7. Shot-Warne, Miami, 51'3"

MICHIGAN STATE RELAYS, East Lansing, Feb. 7: 75-Robinson, M, 7.4; Nixon, Wisconsin, 600 in 1:11.2; Mile-Jormakka 4:18.1; 2M-Ralston, Kansas, 9:13.5. 300-Mel Barnwell, Pitt, 30.0, best on record; 75HH-Jones 9.1; 75LH, Jones 8.5; PV-Landstrom 14'8"; BJ-Paul Williams, K, 23'10 $\frac{1}{2}$ "; SP-Lindsay, Okla, 57'11 $\frac{3}{4}$ "; HJ-Cannon, Kansas, Money, Toronto, 6'4 $\frac{1}{4}$ "; Mile R-Kansas 3:18.8; DistMedR-Oklahoma 10:02.5; SprintMedR-Drake 3:28.6.

BOSTON A.A., Feb. 7: 50-Gardner, Neb., 5.4; Winder, Morgan; Davis, Phil; Fowler, NH; 600-Collymore 1:10.3; Jenkins (4' back); 1000-Murphy 2:09.2; Close; Seman; Sowell; Mile: Delany 4:04.3; Coleman (30 yards); Waern, Sweden; Hewson, Eng. (set pace for 58.5, 1:59.4, and 3:02.9 where Delany was even); 2mile-Bill Dellinger 8:49.9., world indoor record; Truex (30-40y); Stieglitz; Sawyer. 45HH-Calhoun 5.5; Pratt, Landau; White. HJ-Thomas 6'10 $\frac{3}{4}$ "; 2nd, Dumas 6'10 $\frac{3}{4}$ "; Dennis; Stead. PV-Bragg 15'4"; Gutowski 14'6"; Welbourn; Schwarz. SP-Marchiony 55'11"; Monkofsky NYU 55'1 $\frac{1}{2}$ "; Thomson 52'3 $\frac{1}{4}$ "; Cafarella 52'3"; 35WT-Thomson 62'5"; Backus 62'3"; Keerd 61'; Dillon 60'5"; Lawlor 59' plus. BJ-Herman 23'10"; Fowler 23'8 $\frac{1}{2}$ ".

MISCELLANEOUS INDOOR: Army 68, St. Johns 41, West Point, Jan. 31: 600-McAuliffe, SJ, 1:11.9; 1000-Hanne, A, 2:13.6; Mile-Close, SJ, 4:12.6; 2m-Greene, A, 9:15.8; WT-Bagdonas

59'9"; SP-Nance, A, 53'11½". Navy 61½, Penn State 38½ Annapolis, Jan. 31--Penn State, MR, 3:21.3; 2mile R-7:50.6; March, N, 600 in 1:13; Ohio State 71, Purdue 52, Kentucky 14. Columbus, Jan. 31: Glenn Davis, OS, 70HH in 8, 5; 70LH in 7.9; 60 in 6.3; 2nd in HJ, 6'2"; anchored mile relay, 3:25.2. Kansas 70, Oklahoma 52. Lawrence, Feb. 2: 60-Givens, O, 6.2; Williams, K; Shelby, K. 440-Lida, K, 50.9; 880-Hodgson, O, 1:55.8; Skutka, K. 1000-Cushman, K, 2:16.6; Mile-Hodgson, O, 4:16; Skutka, K, 4:17; 2-mile-Ralston, K, 9:27.5; 60HH-Tillman, K, 7.5; 60LH-Givens, O, 6.8; Shelby; Tillman; MR-Kansas 3:24.9; PV-Martin, O, 14'; Shot-Lindsay, O, 57'10½"; Erwin, O, 56'4½"; BJ-Shelby, K, 25'3½"; Williams K, 23'6";

OUTDOORS Australia: Sydney, Feb. 1--4 mile R, 16:33.8 (2nd best ever)(Denis Wilson 4:11.9; Albert Thomas 4:11.2; Merv Lincoln 4:07.3; Herb Elliott 4:03.4). Melbourne, Jan. 31-880-Elliott 1:51.6; Blue 1:51.7; (58.0, 53.6). 220-Broadbent 21.7; HH-Chittick 14.1w; HT-Leffler 191'1; junior mile-L. Elliott 4:20.1; Perth: Jan. 31-Goodman 48.6; Baguley 23'4½"; sub-junior (under 17) mile: Gobbart 4:20.4; Wheeler 4:21.2. Melbourne Feb. 7: Lincoln 4:02.6; Murray 4:04.1; Oakley 4:10.3; L. Elliott 1:54.8; Sydney, Feb. 7: 3 miles, Thomas 13:58.4.

### BULLETIN BOARD

Next Newsletters: Feb. 25; Mar. 11, 25; Apr 15, 29; May 13; June 3, 17; July 1, 15, 29.

Relay all-time list continues with extra page devoted to classic one mile marks. Please send any and all additions, corrections, first names, lap times, etc.

Greatest Sprinters is brought up to date with revised sheet on Germar.

NCAA "National Collegiate Championships" book is available in limited numbers for \$1.50 from NCAA, 206 Fairfax Bldg., Kansas City 5, Mo., Covers all sports including cross country and track with results, number of team and individual chs, most indiv. titles, repeat champs, 1958 results, meet records; all time individual champs, standings, etc. Good record book.

### WIND SPRINTS

Steve von Devan ranks women athletes for 1958 on basis of 10 points for first down to 1 for 10th comes up with: Russia 375 points; Germany 69; Australia 66; USA 38; England 28; New Zealand 22; East Germany 22; Czech. 17; Poland 17; Holland 12; Rumania 10; Italy 7; Red China 7; Hungary 4; South Africa 3; France 3...rating European countries on their best 10 men in each event, with IAAF scoring table points, von Devan gets: USSR 211, 377; Poland 187, 528; Germany 187, 226; England 181, 654; Hungary 174, 215; Italy 169, 882; Yugoslavia 166, 396; Norway 163, 997; Rumania 161, 848; Switzerland 153, 533; Greece 149, 386; Belgium 148, 565; Holland 148, 290....

After Delany's Millrose victory he said he was not in top shape...Rickard Dahl is 6'4", 161 pounds, uses only one shoe, is married, and is in the purchasing dept. of a truck factory. ..Parry O'Brien will seek his seventh straight indoor AAU title. He has 13 straight wins indoors...Gene Venzke, top miler of the 30s, runs a restaurant and driving range in Reading, Pa...Japan will enter at least three men in the Boston Marathon...

Ed Flanagan, Boston U. coach speaking: "Thomas is very relaxed, very modest. Amazing, really. We never talk about track going to a meet. We talk about anything else--politics, music, books, stock market, movies. No arguments, just discussions. It helps keep the pressure off. Thomas regularly practices off the cinders at Tufts College. Everyone knows it's easier to go from dirt to boards than the other way."

Thomas speaking: "I don't know how high I can go. I'll just keep trying and see what happens. Every time I jump I try to figure out how I can improve on my mistakes. What does it feel like to make seven feet? When I felt I made it, I said to myself 'I'm over'."

Thomas almost quit track in high school, discouraged because he couldn't make six feet. He's a growing lad, having shot up 1¾" since last August...He takes 7 strides from a 37 degree angle from the left. His first four steps are easy. The next three are longer with the last step 8½" long...Coach Ed Flanagan calls the Thomas style a "straddle roll"...

### 1958 SURVEY (continued from page four:)

Hammer: World Ranking: Connolly, Rut, Hall, Krivonosov, Cieply  
Improved: Connolly (9'1); Hall (7'4"); Tkachev (7'6½); Rudenkov (8'10); Samotsvetov (9'8); Rut (10½"); Lawlor (11'10½"); Dobricheiev (15'5"); Zsivotski (5'7¼")  
Stationary: Krivonosov, Nikuline, Nyaneshev, Bezjak, Racic, Chibalov  
Declined: Ellis, Rascanescu, Csermak, Niklas  
Comparison:

1956: 206'½"	(10th)	1957: 207'6¼"	1958: 211'11"
1956: 198'3½"	(20th)	1957: 203'	1958: 207'1"
1956: 190'1½"	(50th)	1957: 193'8½"	1958: 196'10½"

# THE GREATEST SPRINTERS--

MANFRED GERMAR (Germany)

115 Points

Undefeated in either the 100 or 200 meters in 1957, unbeaten in the 200 meters in 1958 and European champion, Manfred Germar is still in the process of compiling a record that promises to place him high on a pedestal as the finest sprinter ever developed on the European continent. He is in the very front rank of non-American sprinters at either distance or in combination of the two.

Germar was a potential finalist in the Olympic 200 meters after having placed fifth in the 100 meters at Melbourne, but he was injured in the first heat and withdrew. A few months after this he was winning both dashes in the 1957 World University Games in Paris. His speed accomplishments include 9.5 for 100 yards, 10.2 for 100 meters and 20.6 for 200 meters around a turn.

Achievement Points: 110

- 4 Made German Olympic 100 meters team, 1956
- 4 Made German Olympic 200 meters team, 1956
- 2 Made German Olympic relay team, 1956
- 8 Ran 100 meters in 10.3v, Swiss, Aug. 8, 1956
- 5 Reached Olympic 100 meters final, 1956
- 4 Won German national championship 100 meters, 1956
- 4 Won German national championship 200 meters, 1956
- 4 Won German national championship 100 meters, 1957
- 4 Won German national championship 200 meters, 1957
- 9 Ran 100 meters in 10.2 at Cologne, July 31, 1957
- 9 Ran 100 meters in 10.2 at Budapest, Oct. 12, 1957
- 4 Won World University Games 100 meters in Paris, 1957
- 4 Won World University Games 200 meters in Paris, 1957
- 8 Ran 100 yards in 9.5 at Koblenz, Aug. 10, 1957
- 8 Ran 200 meters in 20.6 on turn vs. Hungary, Oct. 13, 1957
- 9 Ran 100 meters in 10.2 at Hanover, July 20, 1958
- 4 Won German national championship in 100 meters, 1958
- 4 Won German national championship in 200 meters, 1958
- 4 Won European 200 meters championship at Stockholm, 1958
- 8 Ran 200 meters on turn in 20.6 at Wuppertal, Oct. 1, 1958

Victory Points: 28

- 7 Heinz Futterer
- 2 Rod Richard
- 4 Mike Agostini
- 5 Armin Hary
- 1 Ira Murchison
- 1 Dave Sime
- 4 Ed Collymore
- 3 Willie White
- 1 Peter Radford

Defeat Penalties: 23

- 5 Heinz Futterer
- 1 Rod Richard
- 3 Mike Agostini
- 3 Armin Hary
- 1 Ira Murchison
- 1 Hec Hogan
- 2 Thane Baker
- 1 Bobby Morrow
- (2) Ruddy
- (2) Steinbach
- (2) 2nd v. CSR, Oct. 16, 1956

SCORE:

110 AP  
28 VP  
138  
-23 DP  
115

NOTED WITH INTEREST

SURVEY OF 1958 SEASON concludes, with many thanks to Robert Pariente and Gerard Edelstein of the great French sports daily, "L'Equipe".

Long Jump: World Ranking: Bell, Shelby, Ter-Ovanesyan, Jackson, Grabowski  
European Ranking: Ter-Ovanesyan, Grabowski, Kropidowski, Bravi, Diak, Brakchi  
Improved: Ter-Ovanesyan (improved 1½" over 1957); Jackson (13"); Herman 17¼"; Chen(7⅞); Bravi (4¼"); Diak (17").

Stationary: Bell, Shelby, Grabowski, Brakchi, Kropidowski, Molzberger

Declined: Valkama, Bennett, Range, Visser, Hamilton.

<u>Comparison:</u>	1956: 25'4⅞" (10th)	1957: 25'2⅞"	1958: 25'3⅞"
	1956: 25' (20th)	1957: 24'11¼"	1958: 25'¾"
	1956: 24'4½" (50th)	1957: 24'5⅜"	1958: 24'6½"

Pole Vault: World Ranking: Gutowski, Roubanis, Morris, Landstrom, Preussger, Bulatov. European Ranking: Roubanis, Landstrom, Preussger, Bulatov, Wazny.  
Improved: Roubanis(2"); Landstrom(2¾"); Bulatov (2⅞"); Preussger (1½"); Schwarz (9"); Brodt (7"); Dooley (13"); Hoyle (9"); Paquin (12⅝"); Wazny (4¼").

Stationary: Morris, Brewer, Chernobay, Mattos.

Declined: Gutowski, Bragg, Rose, Welbourn

<u>Comparison:</u>	1956: 14'8⅞" (10th)	1957: 14'9⅛"	1958: 14'10⅜"
	1956: 14'6" (20th)	1957: 14'5⅝"	1958: 14'14'7¼"
	1956: 14'7⅞" (50th)	1957: 14'1¼"	1958: 14'3⅝"

Hop-Step-Jump: World Ranking: Schmidt, Ryakovski, Kreer, Einarsson, Chen  
Improved: Ryakovski (11¾"); Kreer (17"); Schmidt (2'8¼"); Tsigankov (6"); Mikhailov (3'7⅞")

Stationary: Da Silva, Einarsson, Battista, Rahkamo, Malcherczyk, Chen

Declined: Yefremov, Tyerkel, Kogake, Rehak, Sharpe.

<u>Comparison:</u>	1956: 52'1¼" (10th)	1957: 52'2"	1958: 52'4⅜"
	1956: 51'2⅞" (20th)	1957: 51'4½"	1958: 51'5¼"
	1956: 50'¾" (50th)	1957: 49'11⅝"	1958: 50'7⅞"

Shot Put: World Ranking: O'Brien, Long, Davis, Nieder, Rowe

European Ranking: Rowe, Skobla, Meconi, Lipsnis, Ovsepian

Improved: Long (first time); Davis (2'7½"); Rowe (3'4"); Ovsepian (3'3"); Meconi (1'3¾"); Varanauskas (4'6¼"); Lipsnis (5'4½"); Lotchilov (12"); Henry (11⅝"); Humphreys (3'5¼"); Artarski (1'4"); Wegmann (4'9½").

Stationary: O'Brien, Lingnau, Sosgornik, Plihal.

Declined: Nieder, Skobla, Bantum, Owen, Raica, Vick, Berman

<u>Comparison:</u>	1956: 57'¼" (10th)	1957: 57'1⅜"	1958: 58'1⅝"
	1956: 55'2¼" (20th)	1957: 55'5¾"	1958: 56'10¼"
	1956: 53'7¾" (50th)	1957: 53'11¼"	1958: 54'8¾"

Discus: World Ranking: Babka, Oerter, Piatowski, Szecsenyi, Ellis

European Ranking: Piatkowski, Szecsenyi, Trusseniev, Bukhantsev, Consolini

Improved: Oerter (2'9¾"); Babka (1'5¾"); Grigalka (6'3½"); Piatkowski (6'11"); Szecsenyi(5'1) Trusseniev (5'2¾"); Baltusnikas (5'9); Duplessis (9'6); Egan (10'2).

Stationary: O'Brien, Consolini, Klics, Bukhantsev, Kompaneiets, Merta, Carr, Artarski

Declined: Ellis, Bantum, Arvidsson, Cihak, Gordien, Koch

<u>Comparison:</u>	1956: 179'11½" (10th)	1957: 179'1⅝"	1958: 183'6⅜"
	1956: 174'7" (20th)	1957: 174'11"	1958: 178'10½"
	1956: 167'4½" (50th)	1957: 168'9"	1958: 170'2¾"

Javelin: World Ranking: Sidlo, Danielsen, Macquet, Kuznetsov, Lievore, Fredrik.

Improved: Frederiksson (19'6); Lievore(30'5); Valman(23'10);Guseff(18'8);Schenk(29'8¼")

Stationary: Kuznetsov, Danielsen, Sidlo, Macquet, Ahveniemmi

Declined: Tsibulenko, Held, Frost, Will, Kauhaenen, Kopyto, Koschel, Radziwonowicz, Walczak, Nikkinen, Hyytianen, Sjoestroem

<u>Comparison:</u>	1956: 258'4½" (10th)	1957: 259'¼"	1958: 257'¾"
	1956: 250'3" (20th)	1957: 248'11½"	1958: 250'11"
	1956: 236'6⅝" (50th)	1957: 240'2¼"	1958: 240'1"

ONE MILE RELAY

<u>Time</u>	<u>Team</u>	<u>Meet</u>	<u>Place</u>	<u>Date</u>
3:07.3	United States (Charley Jenkins 47.8, Lon Spurrier 46.5, Tom Courtney 46.4, Lou Jones 46.6)	Pre-Olympic	Los Angeles	11. 1.56
3:08.1n	United States (Arnie Sowell 47.9, Josh Culbreath 46.6, Glenn Davis 46.6, Ed Southern 47.0)	Pre-Olympic	Los Angeles	11. 1.56
3:08.1	South Africa (Gordon Day, Gerald Evans, Gerhardous Potgieter, Mal Spence)	British Empire Games	Cardiff	7.26.58
3:08.6	United States (Charley Jenkins 48.3, Arnie Sowell 47.4, Tom Courtney 45.8, Lou Jones 47.1)	Pre-Olympic	Ontario, Cal.	10.20.56
3:08.8	United States (Gene Cole, J.W. Mashburn, Reggie Pearman, Mal Whitfield)		London	8. 9.52
3:08.8n	United States (Ed Southern 48, Josh Culbreath 48.1, Lon Spurrier 45.4, Glenn Davis 47.3)	Pre-Olympic	Ontario, Cal.	10,20.56
3:09.1	Texas, University of (Wally Wilson 49.2, Drew Dunlap 47.9, Jimmie Holt 47.4, Eddie Southern 44.6)	Kansas Relays	Lawrence	4.19.58
3:09.4	California, University of (John Reese 48.9, Fay Froom 47.8, Clarence Barnes 46.6, Grover Klemmer 46.1)	PCC v. Big 10	Los Angeles	6.17.41
3:09.4n	Southern California, Univ. of (Warren Smith 49.7, Howard Upton 47.8, Cliff Bourland 46, Hubie Kerns 45.9)	PCC v. Big 10	Los Angeles	6.17.41
3:09.4	British Empire (Terry Tobacco 47.7, George Kerr 47.1, Milka Singh, Mal Spence, SA)	v. Great Britain	London	8. 2.58
3:09.6n	England (Edward Sampson, Derek Johnson, John Wrightson, John Salisbury)	British Empire Games	Cardiff	7.26.58
3:09.9	United States (Lou Jones 48.6, Tom Courtney 47.1, J.W. Mashburn 47.2, Charley Jenkins 47)	v. British Empire	Sydney	12. 5.56
3:10.1	Occidental College (Walt McKibben 48.1, Ted Ruprecht 48.4, John Barnes 47.1, Bill Parker 46.5)	Coliseum Relays	Los Angeles	5.19.50
3:10.1	Texas, University of (Wally Wilson 48.4, Drew Dunlap 48, Jimmy Holt 47.7, Eddie Southern 46.0)	Compton Invitational	Compton, Cal.	6. 6.58
3:10.n	Jamaica (Keith Gardner, M. Spence, George Kerr, James)	British Empire Games	Cardiff	7.26.58
3:10.2n	Morgan State College (Sam LaBeach 48.3, Bob Tyler 48.1, Bill Brown 47.2, George Rhoden 46.6)	Coliseum Relays	Los Angeles	5.19.50
3:10.3	Texas, University of (Wally Wilson 48.3, Drew Dunlap 48.3, Jimmy Holt 47.9, Eddie Southern 45.8)	California Relays	Modesto	5.31.58
3:10.4	British Empire (Jamaica) (Art Wint 48.6, Les Laing 47.7, George Rhoden 46.9, Herb McKenley 47.2)	v. United States	London	8. 4.52
3:10.4	Grand Street Boys (Herb McKenley 47.9, Andy Stanfield 47.8, George Rhoden 47.3, M. Whitfield 47.4)	Coliseum Relays	Los Angeles	5.15.53
3:10.4	London (Mike Farrell, Mike Wheeler, John Salisbury, Peter Higgins)		London	10.10.56
3:10.4	Texas, University of (Brooks Patrick 49.4, Drew Dunlap 48.0, Jim Holt 47.7, Eddie Southern 45.3)	Texas Relays	Austin	3.29.58
3:10.4n	Kansas State College (Dave Burton, Gene O'Conner, Jim Vader, Delos Dodds)	Kansas Relays	Lawrence	4.19.58
3:10.5	Stanford University (Charles Shaw 47.5, Ernie Clark 48.3, Craig Williamson 47.3, Clyde Jeffrey 47.4)	v. UCLA	Stanford, Calif.	4.13.40
3:10.5	Big Ten (Dick Flodin 48.8, Don Ward 47.8, Grant Scruggs 47.2, Kevan Gosper 46.7)	v. PCC	Berkeley, Cal.	6.21.55
3:10.5n	British Empire (Peter Higgins 47.9, Terry Tobacco 47.8, Mal Spence 47.1, Kevan Gosper 47.4)	v. USA	Sydney	12. 5.56
3:10.6	Great Britain (W. Roberts, G. Rampling, Fritz, A.G.K. Brown)	v. USA	London	8.15.36
3:10.6n	United States (Meredith Gourdine 50.4, Gene Cole 46.3, J.W. Mashburn 46.3, Thane Baker 47.6)	v. British Empire	London	8. 4.52
3:10.6	Big Ten (Kevan Gosper 48.3, Len Robinson 47.4, Ben Youtsey 46.8, Ralph Fessenden 48)	v. PCC	Evanston, Ill.	6.15.54
3:10.7	Southern California, Univ. of (Rod Wilger 47.7, Mike Larrabee 48.3, Howard Smith 48.5, Jim Lea 46.2)	Coliseum Relays	Los Angeles	5.21.54

ONE MILE RELAY (cont.)

3:10.8	Michigan State University	IC4A	Villanova	5.31.58
	(Brian Castle , Bob Hughes , Dave Lean , Willie Atterberry		46.8)	
3:10.9	Oklahoma A&M	ColiseumRelays	Los Angeles	5.20.55
	(Jackie Hays 49.2, Fred Schermerhorn 47.9, Billy Heard 47.9, J.W.Mashburn459)			
3:10.9	Texas, University of	Coliseum Relays	Los Angeles	5.16.58
	(Wallie Wilson 48.5, Drew Dunlap 48.1, Jimmy Holt 48.1, Eddie Southern 46.2)			
3:11.0n	Pacific Coast Conference	v. Big Ten	Berkeley, Cal.	6.21.55
	(Walt Garrett 48, Mike Larrabee 49.1, Bob Seaman 47.7, Russ Ellis 46.2)			
3:11.0	Southern California, Univ. of	Striders Relays	Los Angeles	4.12.58
	(Ramon Lopez 48.4, Murray Cockburn 47.9, Tom Anderson 47.6, Ted Smith 47.1)			
3:11.2	England	British Empire Games	Vancouver	8. 7.54
	(Peter Higgins , Alan Dick , Peter Fryer , Derek Johnson 46.9)			
3:11.2	Southern California, Univ. of	California Relays	Modesto	5.26.56
	(Bruce Kitchen 48.7, Chuck Kirkby 47.6, Murray Cockburn 48,1, M.Larrabee46.8)			
3:11.2n	California, University of	California Relays	Modesto	5.31.58
	(Ron Rott 48.9, Stu Gould 47.8, Don Bowden 47.8, Jack Yerman 46.7)			
3:11.3	Morgan State College	Central Collegiate AA		5. 8.54
3:11.3n	Southern California, University of	Compton Invitational	Compton, Cal.	6. 6.58
	(Bruce Kitchen 49, Bob Shankland 48.2, Ted Smith 47, Ramon Lopez 47.1)			
3:11.4n	UCLA	California Relays	Modesto	5.26.56
	(Stan King 48.9, Bob Carne 48.7, Bob Seaman 47.0, Russ Ellis 46.5)			
3:11.4	Southern California Striders	California Relays	Modesto	5.25.57
	(Bob Hutcherson 50.3, Lang Stanley 47.0, Howard Smith 47.1, Mike Larrabee 47)			
<del>3:11.4</del>	<del>Stanford University</del>	<del>v. Fresno</del>	<del>Stanford, Cal.</del>	<del>4.12.58</del>
	<del>(Dick Lassen 48.9, Ernie Cunliffe 48, Norm Lloyd 47.3, Don Chesarek 47.2)</del>			
3:11.5	Grand Street Boys	Compton Invitational	Compton, Cal.	6. 5.53
	(Morrie Curotta 48.6, Mal Whitfield 48.9, Andy Stanfield 47.3, H.McKenley 46.7)			
3:11.5	UCLA	West Coast Relays	Fresno, Cal.	5.12.56
	(Stan King 48.9, Bob Seaman 48.0, Rafer Johnson 47.4, Russ Ellis 47.2)			
3:11.5	Abilene Christian College	v.No.Tex. &Texas Tech	Abilene, Tex.	4.19.58
	(Jack Shropshire 49.1, Jarrell Edwards 49, James Segrest 46.8, B. Morrow 46.6)			
3:11.6	Southern California, Univ. of	West Coast Relays	Fresno, Cal.	5.16.36
	(Estel Johnson , Jim Cassin , Hal Smallwood , Al Fitch )			
3:11.6n	Canada	British Empire Games	Vancouver	8. 7.54
	(Laird Sloan , Doug Clement , Joe Foreman , Terry Tobacco 46.6)			
3:11.6	Oklahoma A&M	Kansas Relays	Lawrence	4.23.55
	(Jackie Hays 49.2, Fred Schermerhorn 48.5, Bill Heard 47.6, J.Mashburn 46.3)			
3:11.6	Texas, University of	Southwest Conf.	Dallas	5.10.58
	(Wally Wilson 49.2, Drew Dunlap 48.5, Jimmy Holt 48.3, Eddie Southern 45.6)			
3:11.6	Kansas State College	Big Eight	Columbia, Mo.	5.17.58
3:11.7	Big Ten	v. PCC	Evanston, Ill.	6.17.40
3:11.7	Southern California, Univ. of	Coliseum Relays	Los Angeles	.41
3:11.7	Southern California, Univ. of	West Coast Relays	Fresno, Cal.	5.16.42
3:11.7	Southern California, Univ. of			.52
3:11.7n	Southern California, Univ. of	Compton Invitational	Compton, Cal.	6. 5.53
3:11.7	Oklahoma A&M	Drake Relays	Des Moines, Ia	4.30.55
3:11.7	Southern California, Univ. of	Compton Invitational	Compton, Cal.	6. 1.56
3:11.7	California, University of	West Coast Relays	Fresno, Cal.	5.10.58
3:11.7n	Manhattan College	Coliseum Relays	Los Angeles	5.16.58
3:11.7	Indiana, University of	Big Ten	Lafayette, Ind.	5.24.58
3:11.8	Pacific Coast Conference	v. Big Ten	Los Angeles	6.26.37
3:11.8n	Illinois, University of	ColiseumRelays	Los Angeles	5.21.54
3:11.8	Texas, University of	Southwest Conference	Austin, Tex.	5.11.57
3:11.8	Villanova College	Penn Relays	Philadelphia	4.26.58
3:11.9	Oklahoma A&M	Compton Invitational	Compton, Cal.	6. 3.55
3:11.9	Villanova College	PennRelays	Philadelphia	4.28.56
3:11.9n	North Texas State College	v. AbileneCC &Tex. Tech	Abilene	4.19.58
3:11.9	Texas, University of	Drake Relays	Des Moines, Ia	4.26.58

## Women's All Time List

### 400 Meters

\* = 440 yards (402.34 meters) time less 0.3 seconds

Maria Itkina (USSR)	53.6	1	Moscow	6. 7.57
Ursula Donath (Jurewitz) (Germany)	54.4	1	Warsaw	6. 8.55
Albina Khomutova (USSR)	54.4	1	Moscow	1. 8.57
Betty Cuthbert (Australia)	54.4	1	Goteborg	28. 8.58
Yekaterina Parlyuk(Lepichina) (USSR)	54.6	1	Nalchik	11. 5.58
Zinaida Safronova (USSR)	54.8	1	Leningrad	22. 7.55
Polina Lazaryeva(Solopova) (USSR)	54.9	1	Moscow	13. 8.55
Aleksandra Sicoe (Taifas) (Rumania)	54.9	3	Bucharest	1.10.55
Nina Otkalenko (Pletneyeva) (USSR)	55.0	4	Bucharest	1.10.55
Ludmila Sharova (Mitrofanova) (USSR)	55.1	1	Vilnius	24. 8.55
Ludmila Lysenko-Shevtsova (USSR)	55.2	1	Kiev	23. 4.58
Zoya Kotova (USSR)	55.2	1h	Tbilisi	28.10.58
Nonna Paltseva (USSR)	55.3	1	Moscow	27. 7.56
Tatyana Avramova (USSR)	55.3	1	Bucharest	14. 9.57
Moira Hiscox (Great Britain)	55.3*	1	London	2. 8.58
Galina Falkovskaya (USSR)	55.4	2	Moscow	13. 8.55
Yelizaveta Yermolayeva (USSR)	55.4	2	Moscow	14. 7.57
Aina Alksne (Grundule) (USSR)	55.5	2	Moscow	22. 7.57
Rimma Ulitkina (USSR)	55.5	2	Nalchik	11. 5.58
Ida Nemeth (Hungary)	55.5	1	Kiev	13. 7.58
Shirley Pirie (Hampton) (Great Britain)	55.5	2	Goteborg	28. 8.59
Zoya Shilova (USSR)	55.6	2	Moscow	27. 7.57
Nina Kosaryeva (USSR)	55.6	1h	Moscow	10. 8.56
Dzidra Levicka (USSR)	55.6	1	Charkov	18. 9.57
Galina Alekseyeva (Aleksutkina) (USSR)	55.6	2	Moscow	9. 8.58
Barbara Mayer (Germany)	55.7	1	Jena	19. 7.58
Vyera Mukhanova (USSR)	55.7	2h	Stockholm	19. 8.58
Anna Zaytseva (USSR)	55.8	2	Moscow	10. 5.57
Marise Chamberlain (New Zealand)	55.8*	1	Christchurch	8. 3.58
Zoya Yelkhova (USSR)	55.8	2h	Minsk	13. 8.58
Valentina Zareckaya (USSR)	55.8			58
Natalya Smirnova (USSR)	55.9	1	Moscow	24. 7.56
Olga Nelyubova (USSR)	55.9	1h	Moscow	10. 8.56
Maria Jeibmann (Germany)	55.9	4h	Stockholm	19. 8.58
Lilia Solovyeva (USSR)	55.9			58
Zoya Petrova (USSR)	56.0	1	Moscow	15. 7.51
Valentina Pomogayeva (USSR)	56.0	1	Minsk'	29. 8.51
Aida Lapsina (Galdina) (USSR)	56.0			8.56
Nancy Boyle (Australia)	56.0*	1	Sydney	24. 2.57
Dora Kozlova (Barakhovich) (USSR)	56.1	2	Odessa	8.10.56
Nina Kabysh (USSR)	56.1	3	Kiev	14. 9.54
Janet Ruff (Great Britain)	56.1*	1	London	6. 7.57
Leslie Mackinnon (Great Britain)	56.1*	2	London	2. 8.58
Violet Murphy (Great Britain)	56.2*	2	London	6. 7.57
Diane Leather (Great Britain)	56.3*	1	London	21. 8.54
Pamela Bryant-O'Connell (Australia)	56.3*	1	Perth	27. 2.54
Maria Poroykova (Andrianova) (USSR)	56.3			55
Emma Kozlova (USSR)	56.3	1	Charkov	8. 9.57
Antje Braasch (Germany)	56.3	1	Hannover	19. 6.58
Kathe Weigel (Germany)	56.3	2	Hannover	19. 6.58
Klavdiya Kadyntseva (USSR)	56.3	2h	Tallin	19. 7.58

### 800 Meters

(\* = 880 yards (804.67 meters) marks less 0.8 seconds)

Nina Otkalenko (Pletneyeva) (USSR)	2:05.0	1	Zagreb	24. 9.55
Ludmila Lysenko-Shevtsova (USSR)	2:05.3	1	Moscow	16. 8.56
Yelizaveta Yermolayeva (USSR)	2:05.6	1	Moscow	2. 9.57
Zoya Yelkhova (USSR)	2:06.4	1	Tbilisi	31.10.58
Vyera Mukhanova (USSR)	2:06.6	2	Tallin	21. 7.58
Diane Leather (Great Britain)	2:06.6	2	Stockholm	24. 8.58

Dzidra Levicka (USSR)	2:06.6	3	Stockholm	24. 8.58
Phyllis Perkins (Green) (Great Britain)	2:07.3	1	Budapest	29. 9.56
Aida Lapsina(Galdina) (USSR)	2:07.4	4	Moscow	16. 8.56
Ursula Donath (Jurewitz) (Germany)	2:07.5	1	London	12. 9.56
Florica Otel (Dumitru) (Rumania)	2:07.9	1	Aue	30. 6.57
Tatyana Avramova (USSR)	2:08.0	4	Moscow	2. 9.57
Valentina Morozova (USSR)	2:08.0	2	Moscow	25. 8.58
Aranka Kazi (Hungary)	2:08.1	3	Budapest	29. 9.56
Dora Kozlova (Barakhovich) (USSR)	2:08.2	5	Moscow	16. 8.56
Ariane Doser (Germany)	2:08.2	4	Stockholm	24. 8.58
Zinaida Kotova (USSR)	2:08.2	3	Moscow	25. 8.58
Nadezhda Chernoshchek (USSR)	2:08.3	2	Moscow	7. 6.53
Nina Kabysh (USSR)	2:08.4	3	Kiev	16. 9.54
Lyubov Yanvareva (Tyerhovskaya) (USSR)	2:08.4	2	Kiev	30. 7.58
Betty Loakes (Great Britain)	2:08.7	3	Moscow	12. 9.56
Gizella Sasvari (Hungary)	2:08.7	3	Moscow	4. 8.57
Terez Bansagi (Hungary)	2:08.8	2	Bucharest	15. 9.57
Nina Timchuk (USSR)	2:09.0	1	Kiev	13. 7.58
Halina Gabor (Poland)	2:09.1	5	London	12. 9.56
Bedriska Mullerova-Kulhava (CSR)	2:09.3	1	Cracow	30. 6.57
Maria Kondratyeva (USSR)	2:09.4	6	Moscow	16. 8.56
Galina Falkovskaya (USSR)	2:09.5		Leningrad	55
Valentina Yudina (USSR)	2:09.7	3	Moscow	2. 8.56
Emma Kozlova (USSR)	2:09.7	2	Odessa	7.10.56
Polina Kuzmicheva (USSR)	2:09.7	6	Moscow	2. 9.57
Nina Mnykh (USSR)	2:09.7	3	Moscow	7. 7.58
Elisabeta Buda (Rumania)	2:09.8	2	Aue	30. 6.57
Angelina Komarova (USSR)	2:10.1		Moscow	9.56
Edith Schiller (Germany)	2:10.1	2	Cologne	29. 8.58
Ludmila Terpigoryeva (Kulinich) (USSR)	2:10.2	1	D-Petrovsk	23. 8.56
Beata Zbikowska (Szulc) (Poland)	2:10.2	3h	Stockholm	22. 8.58
Lidia Ushakova (USSR)	2:10.2	5	Moscow	25. 8.58
Anna Konopleva (USSR)	2:10.3			55
Krystyna Snop-Nowakowska (Poland)	2:10.3	3	London	25. 9.57
Lidia Bakurova (USSR)	2:10.4	2	D-Petrovsk	23. 8.54
Alevtina Kiryushkina-Krivolopova (USSR)	2:10.4	5	Kiev	16. 9.54
Ann Oliver (Great Britain)	2:10.4*	3	London	6. 7.57
Joyce Jordan (Buckmaster) (Great Britain)	2:10.4*	3	London	4. 8.58
Galina Semenyenko (USSR)	2:10.4	6	Moscow	25. 8.58
Nicolle Goullieux (France)	2:10.5	2	Bordeaux	4. 9.55
Norah Smalley (Great Britain)	2:10.6	2	Prague	14. 9.55
Lidia Churilova (USSR)	2:10.6		Moscow	7.56
Nina Yevseyeva (USSR)	2:10.6		Moscow	8. 8.57
Klavdiya Kadyntseva (USSR)	2:10.6	3	Kiev	30. 7.58

#### 80 Meters Hurdles

Kreszentia Gastl-Kopp (Germany)	10.6	1	Frechen	29. 7.56
Galina Bystrova (Dolzhenkova) (USSR)	10.6	1	Krasnodar	8. 9.58
Nina Vinogradova (Martynenko) (USSR)	10.7	1	Moscow	14. 8.56
Maria Golubnichaya (USSR)	10.7	1	Tashkent	22.10.56
Shirley De la Hunty (Strickland) Australia	10.7	1	Melbourne	28.11.56
Galina Yermalenko-Grinvalde (USSR)	10.8	1	Moscow	5. 7.55
Erika Fisch (Germany)	10.8	2	Frechen	29. 7.56
Gisela Kohler-Birkemeyer (Germany)	10.8	1	Leipzig	2. 9.56
Nelli Yeliseyeva (USSR)	10.8	1	Moscow	1. 8.57
Norma Thrower (Austin) (Australia)	10.8	1	Sydney	23. 3.58
Margaret Stuart (New Zealand)	10.8	1	Hastings	7. 4.58
Avis Brain (New Zealand)	10.8	2	Hastings	7. 4.58
Rimma Koshelyeva (USSR)	10.8	2	Krasnodar	8. 9.58
Zinaida Burenkova (USSR)	10.8	3	Krasnodar	8. 9.58